## WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R									Date:	06/26/14			
Applicant:											County:	Kittson			
Investigators					Subregion (MLRA or LRR): MLRA 56						State:	MN			
Soil Unit:								I Classification:							
Landform:	Depression			0 5 4 0		cal Relief:		704			Sample Point:	w-159n48w31-d1			
Slope (%):	0 - 2%	nditions on the site	Latitude: 48			Longitude:			Datum:	⊡ No	<b>.</b>				
		nditions on the site				If f (If no, exp		arks) e normal circum		-	Section:				
Are Vegetation		, or Hydrology , or Hydrology			disturbed?		Alt	e normai circuir ⊡ Yes		Sent?	Township:	Dire			
				/ prop	iemalic?						Range:	Dir:			
SUMMARY OF FINDINGS     Hydric Soils Present? Yes       Hydrophytic Vegetation Present?     Yes															
, , , , , , , , , , , , , , , , , , , ,				Yes							t Within A We	etland? Yes			
Remarks:	The wetland	t is located in a roa			d dominated	l by cattai	ls The d					icks to the west. Existing			
r tomanto.		nd other marked ut					10. 1110 0					into to the wood. Existing			
HYDROLOG	<u> </u>														
		iestere (Chook all	that apply	" Mini	imum of on	o primoru	or two o	ooondon, roqui	ed).						
Primary		icators (Check all	i inai appiy	y, iviin	Imum of on	e primary	or two s	econdary requir	ea):	Secondary:					
A1 - Surface Water						B11 - Salt	Crust				B6 - Surface S	oil Cracks			
						B13 - Aqua					B8 - Sparsely Vegetated Concave Surface				
	A3 - Saturatio B1 - Water M			C1 - Hydrogen Sulfide Odor							<ul> <li>B10 - Drainage Patterns</li> <li>C3 - Oxidized Rhizospheres on Living Roots (tilled)</li> </ul>				
	B1 - Water W B2 - Sedimen				<ul> <li>C3 - Oxidized Rhizospheres on Living Roots (not till</li> <li>C4 - Presence of Reduced Iron</li> <li>C7 - Thin Muck Surface</li> </ul>						C8 - Crayfish E				
	B3 - Drift Dep	osits									C9 - Saturation	Nisible on Aerial Imagery			
	B4 - Algal Ma										D2 - Geomorp				
	B5 - Iron Dep	osits on Visible on Aerial Im	agen			Other (Exp	lain)			_	D5 - FAC-Neut	tral Test aved Hummocks (LRR F)			
	B9 - Water-St		lagely								D7 - FIOSI-Hea	aved Hummocks (LKK F)			
_															
Field Obser	vations:														
Surface Wat	er Present?	Yes 🗹	De	epth:	14	(in.)									
Water Table		Yes 🔲		epth:		(in.)			Wetland H	ydrology I	y Present? Y				
Saturation P	resent?	Yes 🗹	De	epth:	0	(in.)									
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:															
Describe Rec	orded Data (	stream dauge moni	itorina well	aeria	l nhotos pre	,	ections)	if available:							
			-			evious insp	-		e denth is u	nknown be	cause soils o	ould not be sampled due to the			
Describe Rec Remarks:	Surface wa	ter and saturation of	depths have			evious insp	-		e depth is u	nknown be	cause soils c	ould not be sampled due to the			
	Surface wa		depths have			evious insp	-		e depth is u	nknown be	cause soils c	ould not be sampled due to the			
Remarks: SOILS Profile Descri	Surface was proximity of iption (Descri	ter and saturation of marked, buried ut be to the depth ne	depths hav tilities. eeded to do	ve be	en influence ent the indic	evious insp ed by rece	ent rains.	The water table e absence of in	dicators.)	nknown be	cause soils c	ould not be sampled due to the			
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## WETLAND DETERMINATION DATA FORM

**Great Plains Region** 

Project/Site:	L3R				Sample Point: w-159n48w31-d1
VEGETATIO	N (Species identified in all uppercase ar (Plot size: 30 ft. radius)	e non-native	species.)		
Tree Stratum	Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet
1.		<u></u>	Dominant	maiotatao	
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.		0			OBL spp. $75$ x 1 = $75$
	Total Cover =	0			FACW spp. 5 $x 2 = 10$
Sopling/Shrub	Stratum (Plot size: 15 ft. radius)				FAC spp. 0 $x 3 = 0$ FACU spp. 0 $x 4 = 0$
1.					UPL spp. 0 x 5 = 0
2.					
3.					 Total 80 (A) 85 (B)
4.	-1				
5.					Prevalence Index = B/A = 1.063
6.					
7.					
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					X Dominance Test is > 50%
	Total Cover =	0			<u>X</u> Prevalence Index is $\leq 3.0$ *
					Morphological Adaptations (Explain) *
	Plot size: 5 ft. radius)		V	0.01	Problem Hydrophytic Vegetation (Explain) *
1. 2.	Typha X glauca Spartina pectinata	75 5	Y N	OBL FACW	* Indicators of hydric soil and wetland hydrology must be
3.	Sparina pecinata	5	IN	FACIN	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
7.					height (DBH), regardless of height.
8.				-	
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
10.					
11.				-	
12.					Herb - All herbaceous (non-woody) plants, regardless of size.
13.					
14.					
15.					Woody Vines - All woody vines, regardless of height.
	Total Cover =	80	_		
Woody Vine St	rratum (Plot size: 30 ft. radius)				
1.					
2.					
3.					Hydrophytic Vegetation Present? Y
5.					
4.					
	Total Cover =	0			
Remarks:	The vegetation is dominated by cattails.				
Additional F	Remarks:				
- teleficition of t					
L					