## WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date: County:	07/02/14				
Applicant:											Kittson				
Investigators:	<u> </u>			Subregion (MLRA or LRR): MLRA 56						State:	MN				
Soil Unit:	1123A			_			I Classification:								
Landform:	Talf				cal Relief:					Sample Point:	u-160n50w23-d1				
Slope (%):         0 - 2%         Latitude:         48.66188075         Longitude:         -97.0628558179         Datum:															
Are climatic/hydrologic conditions on the site typical for this time of year? (If no, explain in remarks)															
Are Vegetatio		🖾 or Hydrology				Are	e normal circum		esent?	Township:					
Are Vegetation		🖵 or Hydrology	Laturally pro	oblematic?			Yes	□No		Range:	Dir:				
SUMMARY O															
Hydrophytic \			No				Hydric Soils Present?								
Wetland Hyd	rology Prese		No			Is This Sampling Point Within A Wetland? No									
Remarks: The upland sample point is located near a roadside ditch in a non-tilled corner of a soybean field. Alsike clover, quack grass, and fox-tail barley are the most prevalent plant species. Recent heavy rains have affected the region.															
		ant species. Rece	nt heavy rains	s have affecte	ed the regi	on.									
HYDROLOG	ſ														
Wetland Hy	drology Ind	icators (Check all	that apply; M	inimum of on	e primary	or two s	econdary requi	red):							
Primary:			· · · · · · · · · · · · · · · · · · ·		,		,	,	Secondary:	_					
		B11 - Salt Crust						B6 - Surface Soil Cracks							
	A2 - High Water Table				B13 - Aqua						Vegetated Concave Surface				
	A3 - Saturatio B1 - Water Ma				C1 - Hydro C2 - Dry Se					B10 - Drainage	e Patterns Rhizospheres on Living Roots (tille				
	B2 - Sedimen							Roots (not till		C3 - Oxidized C8 - Crayfish E					
	B3 - Drift Dep										Nisible on Aerial Imagery				
	B4 - Algal Ma	t or Crust			C7 - Thin N	/luck Surfa	ace			D2 - Geomorp	hic Position				
	B5 - Iron Dep				Other (Exp	lain)				D5 - FAC-Neu					
		n Visible on Aerial Im	nagery							D7 - Frost-Hea	aved Hummocks (LRR F)				
	B9 - Water-St	ained Leaves													
Field Observ		_													
Surface Wate		_	Depth		(in.)			Wetland H	lydrology	gy Present? N					
Water Table		Yes 🔲		II					.,		<u> </u>				
Saturation Pr	esent?	Yes 🛛	Depth	n:	(in.)										
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:															
Describe Reco	orded Data (s	stream gauge, moni	itoring well, ae	rial photos, pr	evious insp	ections).	if available:								
			-			ections),	if available:								
		stream gauge, moni or secondary hydr	-			ections),	if available:								
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Remarks: SOILS	No primary		ological indica	ators were ob	served.			dicators.)							
Remarks: SOILS Profile Descri	No primary	or secondary hydr	eeded to docu	ators were ob	served.	onfirm th	e absence of in								
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Remarks: SOILS Profile Descri	No primary	or secondary hydr be to the depth ne etion, RM=Reduced Ma Matrix	eeded to docu atrix, CS=Covere	ment the indi	served. cator or co Grains; Locat	onfirm th	e absence of in ore Lining, M=Matr								
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## WETLAND DETERMINATION DATA FORM

**Great Plains Region** 

Project/Site	L3R				Sample Point: u-160n50w23-d1					
VEGETATIO		e non-native	species.)							
Thee Stratum	(Plot size: 30 ft. radius) Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet					
1.		<u></u>	Dominant	<u></u>						
2.					Number of Dominant Species that are OBL, FACW, or FAC: 0 (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: 0.0% (A/B)					
7.										
8.					Prevalence Index Worksheet					
9.					Total % Cover of: <u>Multiply by:</u>					
10.					OBL spp. 0 x 1 = 0					
	Total Cover =	0			FACW spp. 15 x 2 = 30					
0					FAC spp. 5 $x 3 = 15$					
	Stratum (Plot size: 15 ft. radius)				FACU spp. 65 x 4 = 260 UPL spp. 0 x 5 = 0					
1. 2.					UPL spp. 0 x 5 = 0					
3.					Total <u>85</u> (A) <u>305</u> (B)					
4.										
5.					Prevalence Index = B/A = <b>3.588</b>					
6.										
7.										
8.					Hydrophytic Vegetation Indicators:					
9.					Rapid Test for Hydrophytic Vegetation					
10.					Dominance Test is > 50%					
	Total Cover =	0			Prevalence Index is ≤ 3.0 *					
					Morphological Adaptations (Explain) *					
Herb Stratum	(Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *					
1.	Trifolium hybridum	45	Y	FACU						
2.	Elymus repens	15	N	FACU	<ul> <li>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.</li> </ul>					
3.	Hordeum jubatum	10	N	FACW						
4.	Ambrosia artemisiifolia	5	N	FACU	Definitions of Vegetation Strata:					
5.	Rumex stenophyllus	5	N	FACW	Tree					
6	Plantago major	5	N	FAC	Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast height (DBH), regardless of height.					
7. 8.										
o. 9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.					
9. 10.										
11.				-						
11.					Herb - All herbaceous (non-woody) plants, regardless of size.					
13.										
14.										
15.					Woody Vines - All woody vines, regardless of height.					
	Total Cover =	85								
	tratum (Plot size: 30 ft. radius)									
1.										
2.										
3. E					Hydrophytic Vegetation Present? N					
5. 4.	1									
4.	Total Cover =	0								
Remarks:	The sample point is dominated by alsike clow									
Additional Remarks:										