WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	06/23/14	
Applicant:										County:	Kittson	
Investigators	•			Subregion (MLRA or LRR): MLRA 56						State:	MN	
Soil Unit:	I134A						I Classification:	:		Wetland ID:		
Landform:	Talf		40.4		ocal Relief		2005000			-i ·	u-160n49w30-b1	
Slope (%):	0 - 2%	nditions on the cit	Latitude: 48.6		Longitude			Datum:		Community ID):	
		nditions on the sit						☑ Yes	□ No	Section:		
Are Vegetation		☑, or Hydrology	•	ly disturbed?		AI	e normal circun ☑ Yes	nstances pre □ No	esent?	Township:	Die	
Are Vegetation		□, or Hydrology	□aturally p	obiematic?				□ I N O		Range:	Dir:	
Hydrophytic \			No					Hydric Soil	s Present?	No		
Wetland Hyd			No		_					nt Within A W	etland? No	
Remarks:		sample point is lo		vhean field I	No wetland	indicato	rs are present	is illis oai	ripiirig r oii	IC VVICIIIII A VV	etianu: 110	
rtomanto.	me apiana			yboan noid.	10 Wolland	maioato	ro aro procenti.					
HYDROLOG	Υ											
		ioatore (Chaak all	l that apply: N	Ainimum of o	no primary	or two o	ooondory roqui	rod).				
Primary:		icators (Check all	i that apply; i	illimum of o	ne primary	or two s	econdary requi	rea):	Secondary:			
	<u>·</u>	Water			B11 - Salt	Crust				B6 - Surface S	oil Cracks	
	A2 - High Wa				B13 - Aqua		l				egetated Concave Surface	
	A3 - Saturatio				C1 - Hydro					B10 - Drainage		
	B1 - Water M				C2 - Dry S			Pooto (not till	, –		zospheres on Living Roots (tilled)	
	B2 - Sedimen B3 - Drift Dep						spheres on Living educed Iron	Roots (not till		C8 - Crayfish E	n Visible on Aerial Imagery	
	B4 - Algal Ma				C7 - Thin I				_	D2 - Geomorp		
	B5 - Iron Dep	osits			Other (Exp	olain)				D5 - FAC-Neu	tral Test	
		on Visible on Aerial Im	nagery							D7 - Frost-Hea	aved Hummocks (LRR F)	
	B9 - Water-St	ained Leaves										
Field Observ	vations:											
		V	Dan	ula .	(in)							
Surface Water Table		Yes □ Yes □	Dep Dep		_ (in.)			Wetland H	lydrology	Present?	N	
			•		(in.)							
Saturation Present? Yes Depth: (in.)												
		Yes	<u> </u>		(in.)							
Describe Rec	orded Data (s	stream gauge, mon	itoring well, a	erial photos, p	revious insp	pections)	, if available:					
	orded Data (s		itoring well, a	erial photos, p	revious insp	pections)	, if available:					
Describe Reco	orded Data (s	stream gauge, mon	itoring well, a	erial photos, p	revious insp	pections)	, if available:					
Describe Reco	orded Data (s No primary	stream gauge, mon or secondary hydr	itoring well, a	erial photos, p cators were c	previous insp bserved.			adicators)				
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WETLAND DETERMINATION DATA FORM

Great Plains Region

Project/Site:	L3R				Sample Point: u-160n49w30-b1
VEGETATIO		e non-native	species.)		
Tree Stratum ((Plot size: 30 ft. radius)				
	<u>Species Name</u>	% Cover	<u>Dominant</u>	Ind.Status	Dominance Test Worksheet
1.					
2.					Number of Dominant Species that are OBL, FACW, or FAC:(A)
3.					
4.					Total Number of Dominant Species Across All Strata:(B)
5.					
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: <u>50.0%</u> (A/B)
7.					
8.					Prevalence Index Worksheet
9.					Total % Cover of: Multiply by:
10.					OBL spp 0
	Total Cover =	0	_		FACW spp. $0 x 2 = 0$
					OBL spp. 0
Sapling/Shrub S	Stratum (Plot size: 15 ft. radius)				FACU spp. $\underline{\qquad}$ $x = \underline{\qquad}$ $\underline{\qquad}$ $\underline{\qquad}$
1.					UPL spp. 35 $x = 5$ 175
2.					
3.					Total 50 (A) 225 (B)
4.					
5.					Prevalence Index = B/A = 4.500
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.	Glycine max	35	Υ	NI	
2.	Echinochloa crus-galli	10	Υ	FAC	* Indicators of hydric soil and wetland hydrology must be
3.	Polygonum aviculare	5	N	FACU	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 =	50			
	Total Gover =		_		
Woody Vine St	ratum (Plot size: 30 ft. radius)				
1	ratum (Flot size: 50 ft. radius)				
2.					
3.					Hydrophytic Vegetation Present? N
5.					Trydrophytic vegetation resent:
4.					
٦.	Total Cover =	0			
Remarks:	The field is dominated by planted soybeans a		rd arass		
remarks.	The field is dominated by planted soybeans to	and barriya	ra grass.		
	Name and an				
Additional R	kemarks:				