WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	06/28/14					
Applicant:											Kittson					
Investigators	stigators: BCS/BEH			Subregion (MLRA or LRR): MLRA 56							MN					
Soil Unit:	nit: I248A					NWI										
Landform:	Depression			Lo	cal Relief:	CC				Sample Point	w-160n50w15-a1					
Slope (%):	0 - 2%		Latitude: 48.6	68754617	Longitude:	-97.090	768333	Datum:								
Are climatic/hydrologic conditions on the site typical for this time of year? (If no, explain in remarks)																
Are Vegetation		I 🖾 or Hydrology		ly disturbed?			e normal circum	nstances pre	esent?	Township:						
Are Vegetatio		I D or Hydrology					Yes	⊡No .		Range:	Dir:					
			Yes					Hydric Soil	ls Present?	Yes						
				Yes			Hydric Soils Present? Is This Sampling Poir				etland? Yes					
Remarks:	The wetland	his a fresh wet me			arass and	hybrid c	attail. The area				ent to the Red River.					
Remarks.	The wettant			accu by Switch	igrass and	nyonu c										
HYDROLOG																
Wetland Hy	drology Ind	icators (Check all	that apply; I	Minimum of on	e primary	or two se	econdary requi	red):								
Primary:									Secondary:							
	A1 - Surface			B11 - Salt (B6 - Surface S							
	A2 - High Water Table										B8 - Sparsely Vegetated Concave Surface					
✓	A3 - Saturatio B1 - Water M			C1 - Hydrogen Sulfide Odor												
	B2 - Sedimen				C2 - Dry Season Water Table						Burrows					
	B3 - Drift Dep				C4 - Prese						Nisible on Aerial Imagery					
	B4 - Algal Ma			Ē						D2 - Geomorp						
	B5 - Iron Dep			_	Other (Expl					D5 - FAC-Neu						
B7 - Inundation Visible on Aerial Imagery											aved Hummocks (LRR F)					
	B9 - Water-St	tained Leaves														
Field Observ	vations:															
Surface Wate	er Present?	Yes 🗹	Dep	th: <mark>3</mark>	(in.)					D	X					
Water Table	Present?	Yes 🗹	Dep	th: 0	(in.)			Wetland H	iyarology	Present?	Y					
Saturation Pr	resent?	Yes 🗹		-	(in.)											
Saturation Present? Yes Depth: 0 (in.)																
					. ,											
		stream gauge, moni	itoring well, a	erial photos, pr	. ,	ections),	if available:									
Describe Reco Remarks:		stream gauge, moni ter is present to a c	itoring well, a	erial photos, pr	. ,	ections),	if available:									
Remarks:			itoring well, a	erial photos, pr	. ,	ections),	if available:									
Remarks: SOILS	Surface wat	ter is present to a c	itoring well, a depth of 3 in	erial photos, pro ches.	evious insp											
Remarks: SOILS Profile Descri	Surface wat	ter is present to a c ibe to the depth ne	itoring well, a depth of 3 in eeded to doc	erial photos, proceeds of the ches.	evious insp	onfirm the	e absence of in									
Remarks: SOILS Profile Descri	Surface wat	ter is present to a c	itoring well, a depth of 3 in eeded to doc	erial photos, proceeds of the ches.	evious insp	onfirm the	e absence of in									
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Remarks: SOILS Profile Descri (Type: C=Concer	Surface wat	ter is present to a d ibe to the depth ne etion, RM=Reduced Ma Matrix	itoring well, a depth of 3 in eeded to doc atrix, CS=Cover	erial photos, pr ches. ument the indi red/Coated Sand	cator or cc	onfirm the ion: PL=Po Mottle	e absence of in ore Lining, M=Matr	ix)								
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WETLAND DETERMINATION DATA FORM

Great Plains Region

VEGETATION (5) Tree Stratum (Plot size: 30 ft. r Species Name 1. 2. 3.	Species identified in all uppercase ar radius)	e non-native	species.)		
Species Name 1. 2.		e non-native	species.)		
Species Name 1. 2.	aulus)				
1 2		% Cover	Dominant	Ind.Status	Dominance Test Worksheet
3					Number of Dominant Species that are OBL, FACW, or FAC: 2 (A)
v					
4.					Total Number of Dominant Species Across All Strata: 2 (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: <u>Multiply by:</u>
10.	Tatal Osuar	0			OBL spp. 24 x 1 = 24
	Total Cover =	0	_		FACW spp. 2 $x 2 = 4$
Carling/Chr. h Cheshum (Dist sin)					FAC spp. 25 x 3 = 75
Sapling/Shrub Stratum (Plot size	3: 15 ft. radius)				FACU spp. 0 x 4 = 0 UPL spp. 0 x 5 = 0
2.					
3.					Total <mark>51</mark> (A) <u>103</u> (B)
4.					
5.					Prevalence Index = B/A = 2.020
6.					
7.					
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 (Plot size: 5 ft. ra					Problem Hydrophytic Vegetation (Explain) *
1. Panicum virgatum	n	25	Y	FAC	
2. Typha X glauca		15	Y	OBL	* Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
3. Lycopus america	nus	7	N N	OBL OBL	
4. Bidens cernua 5. Bidens frondosa		2	N	FACW	Definitions of Vegetation Strata:
6 Bidens Hondosa		2	IN	FACW	Tree - we have a second s
7.					Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast 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 =	51			
Woody Vine Stratum (Plot size:	30 ft. radius)				
1. 2.					
3.					Hydrophytic Vegetation Present? Y
5.					
4.					
	Total Cover =	0			
Remarks: The wetland i	s dominated by switchgrass an		attail.		
		-			
Additional Remarks:					