WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R									Date:	10/10/14										
Applicant:											County:	Red Lake										
Investigators	tigators: KRG/BCS				Subregion (MLRA or LRR): MLRA 56							MN										
Soil Unit:	159A						NWI	I Classification	:													
Landform:	Talf				Loc	al Relief:	LL				Sample Point:	u-151n42w24-b1										
Slope (%):	0 - 2%		Latitude: 47	7 886		Longitude:		0401	Datum:		1	-										
		nditions on the sit								□No	Section:											
Are Vegetati		or Hydrology				1. (11110, 0.4)		e normal circun			1											
							Aic	☑ Yes	□No	COCIT:	Township:	D :										
Are Vegetati		☑ or Hydrology	Liturally	probl	iemauc?			□ TES	□INO		Range:	Dir:										
SUMMARY (
Hydrophytic			No						Hydric Soil													
Wetland Hyd			No						Is This Sar	mpling Poin	nt Within A Wo	etland? No										
Remarks:	The upland	sample point is lo	cated withir	n a m	nowed hayfi	eld adjace	ent to the	e roadside ditch	n wetland. V	egetation is	dominated b	y Kentucky bluegrass and										
	orchard gra	SS.																				
HYDROLOG	Υ																					
							_		D													
		icators (Check all	I that apply;	; Mını	imum of one	e primary	or two se	econdary requi	red):													
Primary		141-1			_	D44 0-114	.			Secondary:		. 7. 0										
☐ A1 - Surface Water ☐ A2 - High Water Table						B11 - Salt (B13 - Agua					B6 - Surface S											
	A3 - Saturation					C1 - Hydro					B8 - Sparsely Vegetated Concave Surface B10 - Drainage Patterns											
l i	B1 - Water M					C2 - Dry Se						Rhizospheres on Living Roots (til	lled)									
I =	B2 - Sedimen							spheres on Living	Roots (not till		C8 - Crayfish E		,									
	B3 - Drift Dep					C4 - Prese						Visible on Aerial Imagery										
	B4 - Algal Ma					C7 - Thin N		ace			D2 - Geomorp											
	B5 - Iron Dep					Other (Exp	lain)				D5 - FAC-Neut											
		on Visible on Aerial Im	nagery								D7 - Frost-Hea	ived Hummocks (LRR F)										
	B9 - Water-S	tained Leaves																				
								1														
Field Obser	vations:																					
Surface Wat	er Present?	Yes	De	epth:		(in.)			Mada and I	ludual a aut l	D	N										
Water Table	Present?	Yes \square	De	epth:		(in.)			Wetland H	iyarology i	Present?	N										
Saturation P	resent?	Yes \square		· epth:		(in.)						_										
Constitution in resolution in the second in																						
D	II D-4- /-		de a company of the latest and the l			! !		:6: - - - -				Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:										
								if available:														
Describe Rec Remarks:		stream gauge, mon or secondary indic						if available:														
Remarks:								if available:														
Remarks:	No primary	or secondary indic	cators of we	etland	d hydrology	were obs	erved.															
Remarks: SOILS Profile Descr	No primary	or secondary indic	cators of we	etland	d hydrology ent the indic	were obs	erved.	e absence of ir														
Remarks: SOILS Profile Descr	No primary	or secondary indic	cators of we	etland	d hydrology ent the indic	were obs	erved.	e absence of ir														
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Remarks: SOILS Profile Descr	No primary	or secondary indic	cators of we	ocume vered/0	d hydrology ent the indic	were obscator or co	onfirm the	e absence of ir ore Lining, M=Mati														
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WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: u-151n42w24-b1		
VEGETATIO		non-native	species.)				
Tree Stratum (Plot size: 30 ft. radius)						
	Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet		
1.							
2.					Number of Dominant Species that are OBL, FACW, or FAC: 0 (A)		
3.							
4.					Total Number of Dominant Species Across All Strata:(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: Multiply by:		
10.					OBL spp. 0 x 1 = 0		
	Total Cover =	0			FACW spp. 0 x 2 = 0		
	-				FAC spp. 0 x 3 = 0		
Sapling/Shrub S	Stratum (Plot size: 15 ft. radius)				FACU spp. 117 x 4 = 468		
1.					UPL spp. 0 x 5 = 0		
2.					··· 		
3.					Total 117 (A) 468 (B)		
4.							
5.					Prevalence Index = B/A = 4.000		
6.					1 Totaliono Indox Birt		
7.							
8.	_				Hydrophytic Vegetation Indicators:		
9.							
10.					Rapid Test for Hydrophytic Vegetation Dominance Test is > 50%		
10.	_ Total Cover =	0			Prevalence Index is ≤ 3.0 *		
	Total Cover –	U	_				
Lie de Otrada de d	District F (Leading)				Morphological Adaptations (Explain) *		
1.	Plot size: 5 ft. radius) Poa pratensis	70	V	FACU	Problem Hydrophytic Vegetation (Explain) *		
2.		70	N	FACU	* Indicators of hydric soil and wetland hydrology must be		
	Dactylis glomerata	20			present, unless disturbed or problematic.		
3.	Astragalus agrestis	10	N	FACU			
4.	Symphyotrichum ericoides	5	N	FACU	Definitions of Vegetation Strata:		
5.	Cirsium arvense	5	N	FACU	T		
6	Melilotus officinalis	5	N	FACU	Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast height (DBH), regardless of height.		
7.	Fragaria virginiana	2	N	FACU	neight (DBH), regardless of height.		
8.				_	O II (O) I Washington to location Oil DDU assembles of bright		
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 =	117	_				
Woody Vine St	ratum (Plot size: 30 ft. radius)						
1.							
2.							
3.		-			Hydrophytic Vegetation Present? N		
5.							
4.							
	Total Cover =	0					
Remarks:	Vegetation is dominated by Kentucky bluegra	ISS.					
Additional R	Remarks:						
Additional N	tomung.						