WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	07/29/14	
Applicant:										County: State:	Kittson	
Investigators: BEH/BCS				Subregion (MLRA or LRR): MLRA 56							MN	
Soil Unit: II31B				NWI Classification:						_		
Landform:	Side slope				cal Relief:					Sample Poin	t <u>u-160n50w23-e1</u>	
Slope (%):	8 - 15%		Latitude: 48.66		Longitude:			Datum:				
		nditions on the site			IT? (If no, exp			□Yes	☑ No	Section:		
Are Vegetati		d or Hydrology				Are	e normal circum	•	esent?	Township:		
		D or Hydrology	Liturally pro	blematic?			Yes	□No		Range:	Dir:	
SUMMARY									_			
Hydrophytic			No					Hydric Soi				
	drology Prese		No			1.11.6		Is This Sai	mpling Poir	nt Within A W	/etland? No	
Remarks: The upland sample point is located on a moderately-graded slope uphill from an adjacent wetland. The site is within a dry bean field. The area has received large amounts of precipitation through the early summer and as of late.												
		nts of precipitation	i through the e	ariy summer	and as of	late.						
HYDROLOG	iΥ											
Wetland Hy	drology Ind	icators (Check all	I that apply; Mi	nimum of on	e primary	or two se	econdary requi	red):				
Primary									Secondary:			
	A1 - Surface				B11 - Salt					B6 - Surface		
	A2 - High Wa A3 - Saturatio				B13 - Aqua C1 - Hydro						Vegetated Concave Surf	face
	B1 - Water M				C1 - Hyuro C2 - Dry Se						Rhizospheres on Living F	Roots (tilled)
	B2 - Sedimen						spheres on Living	Roots (not till				
	B3 - Drift Dep	osits					duced Iron				on Visible on Aerial Image	ery
	B4 - Algal Ma				C7 - Thin N		ace			D2 - Geomor		
	B5 - Iron Dep	osits In Visible on Aerial Im	2000		Other (Exp	lain)				D5 - FAC-Nei	utral Test aved Hummocks (LRR F	
	B9 - Water-St		lagery							D7 - FIOSI-HE	aved numinocks (LRR F)
Field Obser	vations:											
	ter Present?	Yes 🛛	Denth [.]		(in.)							
Water Table		Yes	Depth: Depth:		(in.)			Wetland H	lydrology	Present?	N	
Saturation P		Yes	Depth: Depth:		(in.)							
outur ution i		- CS _	Doptili		()							
		stream gauge, moni	-		-							
Describe Rec Remarks:			-		-			neavy rainfa	ll events. N	lo other hydr	ology indicators were	observed.
Remarks:			-		-			neavy rainfa	ll events. N	lo other hydr	ology indicators were	observed.
Remarks: SOILS	Drainage pa	atterns are evident	t on the slope r	unning into t	he adjace	nt wetlar	nd, likely from h		ll events. N	lo other hydr	ology indicators were	observed.
Remarks: SOILS Profile Descr	Drainage pa		t on the slope r	nent the indic	he adjace	nt wetlar	nd, likely from h e absence of in	dicators.)	II events. N	lo other hydr	ology indicators were	observed.
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Remarks: SOILS Profile Descr	Drainage pa	be to the depth ne etion, RM=Reduced Ma Matrix	t on the slope r	nent the indic	he adjace	nt wetlar	nd, likely from h e absence of in ore Lining, M=Matr	dicators.)	II events. N	lo other hydr	ology indicators were	observed.
Remarks: SOILS Profile Descr	Drainage pa	atterns are evident be to the depth ne etion, RM=Reduced Ma	t on the slope r	nent the indic	he adjace cator or co Grains; Loca	onfirm the	nd, likely from h e absence of in ore Lining, M=Matr	dicators.)	II events. N	lo other hydr	ology indicators were	observed.
Remarks: SOILS Profile Descr (Type: C=Conce	Drainage pa	be to the depth ne etion, RM=Reduced Ma Matrix	t on the slope r eeded to docur atrix, CS=Covered	nent the india	he adjace cator or co Grains; Loca	nt wetlar onfirm th tion: PL=P Mottle	nd, likely from h e absence of in ore Lining, M=Matr es	ndicators.) ix)		io other hydr		observed.
Remarks: SOILS Profile Descr (Type: C=Conce Depth (In.)	Drainage participation (Description (Description, D=Depl	be to the depth ne etion, RM=Reduced Ma Matrix Color (Moist)	t on the slope r eeded to docur atrix, CS=Covered %	nent the india Coated Sand C	he adjace cator or co Grains; Loca Moist)	nt wetlar onfirm the tion: PL=P Mottle %	nd, likely from h e absence of in ore Lining, M=Matr es Type	ix)	Texture	lo other hydr		observed.
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WETLAND DETERMINATION DATA FORM

Great Plains Region

Project/Site:	L3R				Sample Point: u-160n50w23-e1
VECETATIO					
VEGETATIO	N (Species identified in all uppercase ar (Plot size: 30 ft. radius)	e non-native	species.)		
	Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet
1.					
2.					Number of Dominant Species that are OBL, FACW, or FAC: 0 (A)
3.					
<u>4.</u> 5.					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.					Percent of Dominant Species that Are OBL, FACW, of FAC. 0.0% (A/B)
8.	<u> </u>				Prevalence Index Worksheet
9.					Total % Cover of: Multiply by:
10.					$\frac{1}{OBL \text{ spp.}} 0 \qquad \text{x } 1 = 0$
	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. 2 x 4 = 8
1.					UPL spp. 30 X 5 = 150
2.					
3.					Total <u>32</u> (A) <u>158</u> (B)
4.					
5.					Prevalence Index = B/A = 4.938
6.					
7.					Indramhutia Vasatatian Indiantara
8. 9.					Hydrophytic Vegetation Indicators:
9. 10.					Rapid Test for Hydrophytic Vegetation Dominance Test is > 50%
10.	Total Cover =	0			Prevalence Index is ≤ 3.0 *
		0	-		Morphological Adaptations (Explain) *
Herb Stratum (Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *
1.	Phaseolus vulgaris	30	Y	NI	································
2.	Amaranthus retroflexus	2	Ν	FACU	* Indicators of hydric soil and wetland hydrology must be
3.					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.				-	O
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
10. 11.					
11.				. <u> </u>	Herb - All herbaceous (non-woody) plants, regardless of size.
13.					
13.					
14.	· · · · · · · · · · · · · · · · · · ·				Woody Vines - All woody vines, regardless of height.
	Total Cover =	32			
			_		
Woody Vine St	ratum (Plot size: 30 ft. radius)				
1.					
2.					
3.					Hydrophytic Vegetation Present? N
5.					
4.					
Pomorko	Total Cover =				
Remarks:	The sample point is dominated by a variety of	n ury bean.			
Additional R	Remarks:				