WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	07/31/14	
Applicant:	• •									County:	Marshall	
Investigators:	:	BCS/BEH/MRK			Subregio	n (MLRA d	or LRR):	MLRA 56		State:	MN	
Soil Unit:	I34A			NWI Classification:]		
Landform:	Shoulder			Loc	al Relief:					Sample Point:	u-157n47w27-c1	
Slope (%):	3 - 7%	L	_atitude: 48.38	9537	Longitude:	-96.6935	463333	Datum:				
Are climatic/h	nydrologic co	nditions on the site	typical for this	s time of year	r? (If no, exp	plain in remarl	ks)	Yes	□ No	Section:		
Are Vegetation	on 🛭 Soil	□, or Hydrology □	significantly	disturbed?		Are	normal circur	mstances pro	esent?	Township:		
Are Vegetation			□aturally prob				✓ Yes	□ No ·		Range:	Dir:	
SUMMĂRY C										Ü		
Hydrophytic \			No					Hydric Soi	ls Present?	Yes		
Wetland Hyd	_		No							nt Within A We	etland? No	
Remarks:		sample area is dom		mmon wild o	ate and In	ncated nev	vt to an agricu					
Nemains.	THE upland	sample area is dom	III lated by col	IIIIOII WIIG G	als and io	Mai c u nex	(t to an agnot	Illurai sugari	Jeel Heiu, u	psiope of a m	esii wet illeadow.	
	·											
HYDROLOGY	Y											
Wetland Hy	drology Indi	icators (Check all th	hat apply; Mir	nimum of one	primary	or two sec	condary requi	ired):				
Primary:	• •	,	11.37		. ,		, ,	,	Secondary:			
	A1 - Surface V	Nater			B11 - Salt (Crust				B6 - Surface S	oil Cracks	
	A2 - High Wat	er Table			B13 - Aqua	atic Fauna				B8 - Sparsely \	egetated Concave Sur	rface
	A3 - Saturation	n				gen Sulfide				B10 - Drainage Patterns		
	B1 - Water Ma			□ C2 - Dry Season Water Table □						C3 - Oxidized Rhizospheres on Living Roots (tilled)		
	B2 - Sediment	•					pheres on Living	Roots (not till	• 🗆	C8 - Crayfish E		
	B3 - Drift Depo					ence of Redu					Visible on Aerial Image	ery
	B4 - Algal Mat					Muck Surfac	ce			D2 - Geomorph		
	B5 - Iron Depo				Other (Exp	olain)				D5 - FAC-Neut		- \
		n Visible on Aerial Imaç	gery							D7 - Frost-Hea	ved Hummocks (LRR F	F)
	B9 - Water-St	ained Leaves										
Field Observ	∕ations:											
Surface Wate	er Present?	Yes □	Depth:		(in.)			Matlend L	l l . a l a any l	D	A I	
Water Table		Yes □	Depth:		(in.)			wetiand F	lydrology	Present?	N	
Saturation Pr		Yes	Depth:		(in.)						_	
		163 _	5 0p		()							
				-								
Describe Reco	orded Data (s	tream gauge, monito	oring well, aeri	al photos, pre	vious insp	pections), if	f available:					
Describe Reco	<u>`</u>	stream gauge, monito or secondary wetlar					f available:					
	<u>`</u>						f available:					
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Remarks: SOILS Profile Descri	No primary of ption (Descri	or secondary wetlar	nd hydrology	indicators we	ere observ	ved.	absence of in					
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WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: u-157n47w27-c1
					•
VEGETATIO	(Species identified in all uppercase ar	e non-native s	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: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: Multiply by:
10.					Total % Cover of: Multiply by: OBL spp. 0 x 1 = 0 FACW spp. 0 x 2 = 0 FAC spp. 0 x 3 = 0 FACU spp. 7 x 4 = 28 UPL spp. 75 x 5 = 375
	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. $7 X 4 = $
1.					UPL spp. $\frac{75}{}$ X 5 = $\frac{375}{}$
2.					
3.					Total <u>82</u> (A) <u>403</u> (B)
4.					
5.					Prevalence Index = B/A = 4.915
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.	Avena fatua	75	Υ	NI	
2.	Ambrosia artemisiifolia	5	N	FACU	* Indicators of hydric soil and wetland hydrology must be
3.	Amaranthus retroflexus	2	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.
101	Total Cover =	82			
	Total Gover =	- 02	-		
Woody Vine St	ratum (Plot size: 30 ft. radius)				
1	atum (1 lot size. 30 ft. radius)				
2.				_	
3.				_	Hydrophytic Vegetation Present? N
5.					Trydrophytic vegetation resent:
4.					
	Total Cover =	0		_	
Remarks:	Common wild oats dominate the upland sam				
Nemarks.	Common who dats dominate the upland same	ipie area.			
Additional R	emarks:				