WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R									Date:	09/29/14	
Applicant:										County:	Pennington		
Investigators		RAJ/BJC	L			Subregion	`	,	MLRA 56		State:	MN	
Soil Unit:	I55A					1 D : 15 s.f.		Classification:	·		<u> </u>	450 : 44::-44 b.0	
Landform:	Dip 0 20/		1 -4:4 do. 1	40.000		cal Relief:		<u>^</u> 4	Detum		Sample Point	w-153n44w11-b2	
Slope (%):	0 - 2%	nditions on t	Latitude: 4 the site typical fo				-96.27206		Datum: ☑ Yes	□ No	Castion		
						I I : (IT No, exp					Section:		
Are Vegetation Are Vegetation		□, or Hydro	ology ⊏significa ology □aturally	-			AlGi	normal circum ☑ Yes	nstances pre □ No	esent :	Township:	Dir:	
SUMMARY C			Jiogy Hatarany	у ргос				<u> </u>	□ IVO		Range:	—————————————————————————————————————	
			Y	Yes				Hydric Soils Present?			Yes		
•	ophytic Vegetation Present? and Hydrology Present?			Yes				Is This Sampling Poin				etland? Yes	
Remarks:					l bluegrass,	common s	spike-rush	n. and reed ca				ind conditions are met.	
		0 CC		<i>'</i> , ·	1 3 13.3 3 1.2.2 2 ,		5	,	XII (S.) 3. 2. 2. 2	/ -			
HYDROLOG'	Υ												
		cators (Che	eck all that apply	w Mir	simum of one	nrimary (or two sec	rondary requi	rad)•				
Primary:		Caluis (One	30K ali tilat appi	y, iviii i	IIIIIuiii oi oik	e pilitiary v	OI IWO SCO	Ondary requi	ieu).	Secondary			
	<u>·</u>	Water				B11 - Salt 0	Crust				<u>.</u> B6 - Surface S	Soil Cracks	
	A2 - High Wat	ter Table				B13 - Aqua	tic Fauna				B8 - Sparsely	Vegetated Concave Surface	
	A3 - Saturatio					C1 - Hydrog					B10 - Drainage		
	B1 - Water Ma					C2 - Dry Se			Dooto (not till			Rhizospheres on Living Roots (tille	ed)
	B2 - Sediment B3 - Drift Dep	•		☐ C3 - Oxidized Rhizospheres on Living Roots (not till€ ☐ ☐ C4 - Presence of Reduced Iron ☐							C8 - Crayfish Burrows C9 - Saturation Visible on Aerial Imagery		
	B4 - Algal Mat					C7 - Thin M				✓	D2 - Geomorphic Position D5 - FAC-Neutral Test		
	B5 - Iron Depo	osits				Other (Expl				✓			
	B7 - Inundatio		erial Imagery								D7 - Frost-Hea	aved Hummocks (LRR F)	
	B9 - Water-St	ained Leaves											
Field Observ	rational												
		V	г	Danth:		(in)							
Surface Water		Yes Yes		Depth: _ Depth:		(in.) (in.)			Wetland H	lydrology	Present?	Υ	
Water Table				Depth: _		(in.)							
l Caturation Pr	"ACANT"/	Voc 🗆	Γ.	Jouth.		(in)							
Saturation Pr		Yes		Depth: _		(in.)							
Describe Reco	orded Data (s	stream gauge	e, monitoring well	II, aeria		evious insp							
	orded Data (s	stream gauge		II, aeria		evious insp			oss through	out most of	the wetland a	area.	
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WETLAND DETERMINATION DATA FORM

Great Plains Region

Project/Site	: L3R				Sample Point: w-153n44w11-b2
/ECETATIO	N (Consider identified in all consequences)		-ni\		
/EGETATIO	`` '	e non-native	species.)		
ree Stratum	(Plot size: 30 ft. radius)	0/ 0	Devilent	1. 1.0(-1	Dominance Test Workshoot
4	<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:3(A)
3.					
4.					Total Number of Dominant Species Across All Strata:3(B)
5.					
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
7.					
8.					Prevalence Index Worksheet
9.					4
10.					- · · · · ·
10.	Total Cayer				OBL spp. $\frac{46}{100} \times 1 = \frac{46}{100}$
	Total Cover =	0			FACW spp. 72 $\times 2 = 144$
					FAC spp. $\begin{array}{c cccc} & 1 & & x & 3 = & & 3 \\ \hline FACU spp. & 0 & & x & 4 = & & 0 \\ \hline \end{array}$
Sapling/Shrub	Stratum (Plot size: 15 ft. radius)			_	FACU spp. $0 x 4 = 0$
1.	Salix petiolaris	5	Υ	OBL	UPL spp. $0 X 5 = 0$
2.	Populus deltoides	1	N	FAC	
3.	Salix bebbiana	1	N	FACW	Total 119 (A) 193 (B)
4.					``´
5.					Prevalence Index = B/A = 1.622
6.	_				Trovalence mask = Birt = Troval
7.					Ukadaan kadia Manatatian kadiaatana
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					X Dominance Test is > 50%
	Total Cover =	7			X Prevalence Index is ≤ 3.0 *
					Morphological Adaptations (Explain) *
Herh Stratum	(Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *
1.	Poa palustris	30	Υ	FACW	1 Toblem Trydrophytic Vegetation (Explain)
2.		30	Y	OBL	* Indicators of hydric soil and wetland hydrology must be
	Eleocharis palustris				present, unless disturbed or problematic.
3.	Phalaris arundinacea	20	N	FACW	·
4.	Symphyotrichum lanceolatum	15	N	FACW	Definitions of Vegetation Strata:
5.	Scirpus pallidus	5	N	OBL	
6	Mentha arvensis	5	N	FACW	Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast
7.	Typha X glauca	5	N	OBL	height (DBH), regardless of height.
8.	Asclepias incarnata	1	N	FACW	
9.	Juncus nodosus	1	N	OBL	Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
10.					
11.					
					Herb - All herbaceous (non-woody) plants, regardless of size.
12.					Herb - All Herbaceous (Horl-woody) plants, regardless of size.
13.					
14.					
15.					Woody Vines - All woody vines, regardless of height.
	Total Cover =	112			
			_		
Woody Vine S	tratum (Plot size: 30 ft. radius)				
1	tratam (Flot 6/25: 66 ft. radias)				
2.					
					Uvdranbytia Vagatatian Bracant?
3.					Hydrophytic Vegetation Present?Y
5.					
4.					
	Total Cover =	0			
Remarks:	A wet meadow community dominated by fow	/l bluegrass	s and com	mon spike	e-rush with reed canary grass and many additional species at low coverages.
	Hydrophytic vegetation is present.	<u> </u>		•	
	7				
A 1 11/41	5				
Additional I	Remarks:				