WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:											09/17/14			
Applicant:											Pennington			
Investigators			Subregion (MLRA or LRR): MLRA 56 NWI Classification:						State:	MN				
Soil Unit: Landform:	I55A NW Depression Local Relief: CV							:		Comple Deint	w-154p44w22-g2			
Slope (%):	3 - 7%	Latitude	e: 48.11		Longitude:		2249	Datum:	•	Sample Point.	w-154n44w32-g3	,		
		nditions on the site typica						✓ Yes	□ No	Section:				
Are Vegetation				disturbed?	(1110, 02)	1	e normal circun			Township:				
Are Vegetation			-	blematic?			✓ Yes	□ No		Range:	Dir:			
	SUMMARY OF FINDINGS													
Hydrophytic \	Vegetation P	esent?	Yes					Hydric Soi	Is Present?	Yes				
Wetland Hydrology Present?			Yes				Is This Sampling Point				etland? Yes			
Remarks:	The wetland	I is a wet meadow domin	ated by	prairie cordo	grass and	woolly s	edge.							
HYDROLOG'	Υ													
Wetland Hy	drology Indi	cators (Check all that ap	ply; Mi	nimum of on	e primary	or two s	econdary requi	red):						
Primary:	<u>:</u>							,	Secondary:					
□ A1 - Surface Water					B11 - Salt					B6 - Surface S				
	A2 - High War A3 - Saturatio				B13 - Aqua					B8 - Sparsely B10 - Drainage	Vegetated Concave Surface			
	B1 - Water Ma				C1 - Hydro C2 - Dry S						e Fallerns Rhizospheres on Living Roots (tille	ed)		
	B2 - Sedimen						spheres on Living	Roots (not till	le 🗆	C8 - Crayfish E		ou,		
	B3 - Drift Dep				C4 - Prese	nce of Re	duced Iron				n Visible on Aerial Imagery			
	B4 - Algal Ma				C7 - Thin N		ace			D2 - Geomorp				
	B5 - Iron Depo	osits n Visible on Aerial Imagery			Other (Exp	lain)				D5 - FAC-Neu	tral Test aved Hummocks (LRR F)			
	B9 - Water-St									D7 - F1051-F166	aved Hullillocks (LRR F)			
_														
Field Observ	vations:													
Surface Wate	er Present?	Yes	Depth:		(in.)									
Water Table		Yes	Depth:		(in.)			Wetland F	lydrology l	Present?	Υ			
		Yes ☑	Depth:											
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:														
Describe Reco	orded Data (s	tream gauge monitoring w				ections)	if available:							
	•					ections),	if available:							
Describe Reco	•	tream gauge, monitoring v				ections),	if available:							
Remarks:	•					ections),	if available:							
Remarks:	Soils are sa		vell, aeri	al photos, pre	evious insp			ndicators.)						
Remarks: SOILS Profile Descri	Soils are sa	turated at the surface.	vell, aeri	al photos, pre	evious insponent	onfirm th	e absence of ir							
Remarks: SOILS Profile Descri	Soils are sa	turated at the surface. be to the depth needed to etion, RM=Reduced Matrix, CS:	vell, aeri	al photos, pre	evious insponent	onfirm th	e absence of ir ore Lining, M=Mati							
Remarks: SOILS Profile Descri (Type: C=Concer	Soils are sa	turated at the surface. be to the depth needed to etion, RM=Reduced Matrix, CS:	vell, aeri o docun =Covered	nent the indic	evious insp cator or co Grains; Loca	onfirm th tion: PL=P Mottl	e absence of ir ore Lining, M=Matr	rix)						
Remarks: SOILS Profile Descri (Type: C=Concer	Soils are sa	turated at the surface. be to the depth needed to etion, RM=Reduced Matrix, CS: Matrix Color (Moist)	vell, aeri o docun =Covered %	al photos, pre	evious insp cator or co Grains; Loca	onfirm th	e absence of ir ore Lining, M=Mati		Texture		Remarks			
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WETLAND DETERMINATION DATA FORM

Great Plains Region

Project/Site:	: L3R				Sample Point: w-154n44w32-g3
VEGETATIO	` ` '	non-native	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: 2 (B)
5.					· ` '
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
7.					(742)
8.					Prevalence Index Worksheet
9.					
					Total % Cover of: Multiply by:
10.	Total Cayor	0			OBL spp. 20
	Total Cover = _	0			FACVV spp. $\frac{75}{}$ X Z = $\frac{150}{}$
					FAC spp. $0 \times 3 = 0$
	Stratum (Plot size: 15 ft. radius)				FACU spp. $0 x 4 = 0$
1.					UPL spp. $\underline{\qquad}$ $X S = \underline{\qquad}$ $\underline{\qquad}$ 25
2.					
3.					Total 100 (A) 195 (B)
4.					
5.					Prevalence Index = B/A = 1.950
6.					
7.					
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					X Dominance Test is > 50%
10.	_l Total Cover =	0			
	Total Cover =_	U			X Prevalence Index is ≤ 3.0 *
_					Morphological Adaptations (Explain) *
	(Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *
1.	Spartina pectinata	60	Y	FACW	
2.	Carex pellita	20	Υ	OBL	* Indicators of hydric soil and wetland hydrology must be
3.	Symphyotrichum lanceolatum	10	N	FACW	present, unless disturbed or problematic.
4.	Poa palustris	5	N	FACW	Definitions of Vegetation Strata:
5.	Stachys palustris	5	N	NI	
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.					Capining/Onitab = 11 coay plante toos was o mil 2 2 m, negarateos et trong
11.					III. All harbassus (non woods) planta regardless of size
12.					Herb - All herbaceous (non-woody) plants, regardless of size.
13.					
14.					
15.					Woody Vines - All woody vines, regardless of height.
	Total Cover =	100			
Woody Vine St	tratum (Plot size: 30 ft. radius)				
1.					
2.					
3.				<u> </u>	Hydrophytic Vegetation Present? Y
5.					inyuropinyur vegetation Fresents
4.	Tatal Ossas				
	Total Cover =	0		<u></u>	
Remarks:	The wetland vegetation is dominated by prair	ie cordgra	ss and wo	olly sedge	e with a few other species mixed in.
Additional F	Remarks:				
, additional I					