WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	09/26/14	
Applicant:					_		100)			County:	Pennington	
Investigators	<u> </u>			Subregion (MLRA			•			State:	MN	
	Soil Unit: 169A				NWI Clas					1	450 44 0 14	
Landform:	Rise		1 1 10		ocal Relief:		24.0	D . 1		Sample Point	<u>u-153n44w3-d1</u>	
Slope (%):	0 - 2%	anditions on the cite	Latitude: 48.			-96.2900		Datum:		O a atiana		
		onditions on the site						☑ Yes	□ No	Section:		
Are Vegetation				tly disturbed?	•	Are	normal circur	-	esent?	Township:	D'	
Are Vegetation		□, or Hydrology	Liaturally p	roblematic?			Yes	□ No		Range:	Dir:	
SUMMARY C			NI.					Lludria Cai	la Draggist	Na		
Hydrophytic \	•		No		<u>—</u>				Is Present?		otland? No	
Wetland Hyd			No	man mada ria	o orootod b	v ninalina	oon of runtion			nt Within A W		on orono
Remarks:	rne upiano	sample point is loc	cated on a r	nan-made ris	e created b	y pipeline	construction.	rne area is	neavily dis	turbed and tr	ere are a lot of barre	m areas.
HYDROLOG	Y											
Wetland Hy	drology Ind	icators (Check all	that apply;	Minimum of c	ne primary	or two se	condary requi	red):				
<u>Primary</u>	_					_			Secondary:	•		
	□ A1 - Surface Water				B11 - Salt							
	A2 - High Wa A3 - Saturation			L	B13 - Aqua	atic Fauna ogen Sulfide	o Odor			B8 - Sparsely Vegetated Concave Surface		
	B1 - Water M					eason Wate				B10 - Drainage PatternsC3 - Oxidized Rhizospheres on Living Roots (tilled)		
	B2 - Sedimer							Roots (not till	• 🗆	C8 - Crayfish		rtooto (tillou)
	B3 - Drift Dep	•		□ C3 - Oxidized Rhizospheres on Living Roots (not tille □ C4 - Presence of Reduced Iron □ C7 - Thin Muck Surface □							n Visible on Aerial Image	ery
	B4 - Algal Ma									D2 - Geomorp		
	B5 - Iron Dep				Other (Exp	olain)				D5 - FAC-Neu		_ \
		on Visible on Aerial Im tained Leaves	agery						ш	D7 - Frost-He	aved Hummocks (LRR F	-)
	by - water-S	tained Leaves										
Field Observ	votions											
		V	Б.,		(:m)							
Surface Wat		Yes		oth:	_ (in.)			Wetland F	lydrology	Present?	N	
Water Table		Yes	-	oth:	(in.)				, ,,		_	
Saturation P	resent?	Yes □	Der	oth:	(in.)							
Cataration		. 55	201		()							
	orded Data (s	stream gauge, moni	<u> </u>			pections), i	if available:					
	`		itoring well, a	erial photos, p		pections), i	if available:					
Describe Rec	`	stream gauge, moni	itoring well, a	erial photos, p		pections), i	if available:					
Describe Rec	`	stream gauge, moni	itoring well, a	erial photos, p		pections), i	if available:					
Describe Reconstruction Remarks: SOILS Profile Descri	No indicato	stream gauge, moning of wetland hydrous of wetland hydrous of the depth ne	itoring well, a	perial photos, pobserved.	previous insp	onfirm the	e absence of in					
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Describe Reconstruction Remarks: SOILS Profile Descri	No indicato	stream gauge, monings of wetland hydrological interest of the depth neletion, RM=Reduced Market in the street of the street in t	itoring well, a	perial photos, pobserved.	previous insp	onfirm the	e absence of in the Lining, M=Mat					
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Describe Reconstruction Remarks: SOILS Profile Descrit (Type: C=Concert Depth (In.)	No indicato	stream gauge, monitors of wetland hydrological interest of the depth netion, RM=Reduced Matrix Color (Moist)	eeded to docatrix, CS=Cove	pbserved. cument the incred/Coated Sand	dicator or co	onfirm the	e absence of in ore Lining, M=Mates S Type	rix)	Texture		Remarks	
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WETLAND DETERMINATION DATA FORM

Great Plains Region

Sample Point: u-153n44w3-d1

Project/Site	: L3R				Sample Point: u-153n44w3-d1
					<u> </u>
VEGETATIO	(Species identified in all uppercase are	e non-native	species.)		
Tree Stratum	(Plot size: 30 ft. radius)		•		
	Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet
1.					1
2.					Number of Dominant Species that are OBL, FACW, or FAC: 1 (A)
3.					
4.					Total Number of Dominant Species Across All Strata: 3 (B)
5.					Total Number of Borninant opedies Noross Air Otrata.
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 33.3% (A/B)
7.					
8.					Prevalence Index Worksheet
9.					Total % Cover of: Multiply by:
10.					OBL spp. $0 x 1 = 0$
	Total Cover =	0			OBL spp. $\begin{array}{c ccccccccccccccccccccccccccccccccccc$
					FAC spp. 15
Sapling/Shrub	Stratum (Plot size: 15 ft. radius)				FACU spp. $\frac{20}{20}$ x $4 = \frac{80}{80}$
1.	Citatam (Flot Sizer To Itt Fadias)				$\begin{array}{cccccccccccccccccccccccccccccccccccc$
2.					
3.					Total 35 (A) 125 (B)
					Total <u>35</u> (A) <u>125</u> (B)
4.					,
5.					Prevalence Index = B/A = 3.571
6.					
7.					\mathbf{I}
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					Dominance Test is > 50%
	Total Cover =	0			Prevalence Index is ≤ 3.0 *
	rotal Gover				
Llank Otration	(Distriction Estate and in a)				Morphological Adaptations (Explain) *
	(Plot size: 5 ft. radius)	10	V	EAOI1	Problem Hydrophytic Vegetation (Explain) *
1.	Artemisia biennis	10	<u> </u>	FACU	
2.	Trifolium repens	10	Υ	FACU	* Indicators of hydric soil and wetland hydrology must be
3.	Panicum capillare	10	Υ	FAC	present, unless disturbed or problematic.
4.	Plantago major	5	N	FAC	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.					1
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
10.					Capinig/Oin ab
					1
11.					All harbaccase (non-weeds) plants, 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 =	35			
Woody Vine S	tratum (Plot size: 30 ft. radius)				
1.	Takan (1 lot olzo. oo it. radias)				
2.				-	
					Hydrophytic Veretation Dresset 2
3.					Hydrophytic Vegetation Present?N
5.					
4.					
	Total Cover =				
Remarks:	Bare soil accounts for approximately 65 perc	ent of grou	und cover.		
Additional	Pomarke:				
Additional I	Aciliai ko.				