WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	09/26/14						
Applicant:							County:	Pennington									
Investigators	· ·				Subregior	•	State:	MN									
Soil Unit:							Classification:	PEMBd									
Landform:	Rise		10 11		al Relief:		07.4			Sample Point:	u-154n44w19-c1						
Slope (%):	8 - 15%		48.149		Longitude:			Datum:									
		nditions on the site typica			'? (If no, exp			✓ Yes	□ No	Section:							
Are Vegetation		□, or Hydrology □signif	•			Are	normal circum	-	esent?	Township:							
Are Vegetation			ally prob	olematic?			Yes	□ No		Range:	Dir:						
SUMMARY C																	
				No			Hydric Soils Present? No Is This Sampling Point Within A Wetland? No										
Wetland Hyd			No		. <u></u> .												
Remarks: The upland point is located on the edge of an aspen forest. The upland vegetation is dominated by smooth brome, creeping wild rye, and Kentucky blue grass.																	
	_																
HYDROLOG'	Y																
Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required):																	
Primary:	•	`						,	Secondary:								
	A1 - Surface \				311 - Salt C					B6 - Surface S							
	A2 - High Wat				313 - Aqua		0.1				Vegetated Concave Surface						
	A3 - Saturatio B1 - Water Ma				C1 - Hydrog C2 - Dry Se			B10 - Drainage									
	B2 - Sedimen						pheres on Living	Roots (not tille	<u> </u>	C8 - Crayfish E	Rhizospheres on Living Roots (tilled)						
	B3 - Drift Dep	•			C4 - Preser			rtoots (not till	`	•	n Visible on Aerial Imagery						
	B4 - Algal Ma				C7 - Thin M					D2 - Geomorp	. .						
	B5 - Iron Depo				Other (Expl	ain)				D5 - FAC-Neu	tral Test						
		n Visible on Aerial Imagery								D7 - Frost-Hea	aved Hummocks (LRR F)						
	B9 - Water-St	ained Leaves															
Field Observ																	
Surface Wate	er Present?	Yes	Depth:		(in.)			Wetland H	lydrology F	Present?	N						
Water Table	Present?	Yes	Depth:		(in.)			vvetiana n	iyarology i	resent:							
Saturation Pr	esent?	Yes	Depth:		(in.)		Saturation Present? Yes Depth: (in.)										
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:																	
Describe Reco	orded Data (s	stream gauge, monitoring w	ell. aeri	al photos, prev	vious insp	ections).	if available:										
	<u>`</u>				vious insp	ections),	if available:										
Remarks:	<u>`</u>	tream gauge, monitoring w hydrology indicators are p			vious insp	ections),	if available:										
Remarks:	<u>`</u>				vious insp	ections),	if available:										
Remarks:	No wetland	hydrology indicators are p	resent.		·	·		dicators.)									
Remarks: SOILS Profile Descri	No wetland		docum	nent the indica	ator or co	nfirm the	e absence of in										
Remarks: SOILS Profile Descri	No wetland	hydrology indicators are p	docum	nent the indica	ator or co	nfirm the	e absence of in										
Remarks: SOILS Profile Descri	No wetland	hydrology indicators are p	docum	nent the indica	ator or co	nfirm the	e absence of in ore Lining, M=Matri										
Remarks: SOILS Profile Descri	No wetland	hydrology indicators are publicators are publi	docum	nent the indica	ator or co	nfirm the	e absence of in ore Lining, M=Matri		Texture		Remarks						
Remarks: SOILS Profile Descri (Type: C=Concer	No wetland ption (Descri	hydrology indicators are publicators are publicators are publicators are publicators are publicators are publicators. Determine the depth needed to be publication, RM=Reduced Matrix, CS= Matrix Color (Moist)	docum Covered	nent the indica /Coated Sand Gi	ator or co	nfirm the	e absence of in ore Lining, M=Matri	ix)	Texture SCL		Remarks						
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-12	No wetland ption (Descri	be to the depth needed to etion, RM=Reduced Matrix. Color (Moist) 2/1	docum Covered %	nent the indica /Coated Sand Gi	ator or co	nfirm the	e absence of in ore Lining, M=Matri	ix)	SCL		Remarks						
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-12 12-28 NRCS Hydr	No wetland ption (Descriptration, D=Depletration, D=Depletration) Hue_10YR Hue_10YR ic Soil Field	be to the depth needed to etion, RM=Reduced Matrix. Color (Moist) 2/1 3/1	% 100 100 re if ind	Color (M	ator or co rains; Locati loist)	nfirm the	e absence of in ore Lining, M=Matri es Type	Location	SCL CL Indicators f	or Problematic							
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WETLAND DETERMINATION DATA FORM

Great Plains Region

Project/Site:	L3R				Sample Point: u-154n44w19-c1				
					•				
VEGETATION	N (Species identified in all uppercase	are non-native	species.)						
Tree Stratum ((Plot size: 30 ft. radius)								
	Species Name	% 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:3(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.					OBL spp 0				
	Total Cover	= 0	FACW spp. $0 x 2 = 0$						
					OBL spp. 0				
Sapling/Shrub S	Stratum (Plot size: 15 ft. radius)				FACU spp. $\frac{75}{}$ X 4 = $\frac{300}{}$				
1.					UPL spp. 25 $X 5 = 125$				
2.									
3.		<u> </u>			Total 100 (A) 425 (B)				
4.									
5.					Prevalence Index = B/A = 4.250				
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 (I	Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *				
1.	Elymus repens	40	Υ	FACU					
2.	Bromus inermis	25	Υ	UPL	* Indicators of hydric soil and wetland hydrology must be				
3.	Phleum pratense	20	Υ	FACU	present, unless disturbed or problematic.				
4.	Poa pratensis	15	N	FACU	Definitions of Vegetation Strata:				
5.		-							
6		1			Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast				
7.	<u></u>	1			height (DBH), regardless of height.				
8.		1							
9.		1			Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.				
10.		1			Gupmig/Gin up				
11.									
12.		1			Herb - All herbaceous (non-woody) plants, regardless of size.				
13.	,								
14.	1								
15.					Woody Vines - All woody vines, regardless of height.				
13.	Total Cover	100			vvoouy vinies - 7 iii need, vinies, regulalees et neight				
	Total Cover	= 100	_						
\\\ \cdot \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	(District 2004)								
vvoody vine Sti	ratum (Plot size: 30 ft. radius)								
1.	1								
2.					Ukadaankadia Waastatian Busaanto N				
3.					Hydrophytic Vegetation Present?N				
5.									
4.	Total Course								
Danasalas	Total Cover		- IZ(I	lana la lana ana					
Remarks:	The upland vegetation is dominated by cre	eping wild ry	e, Kentuci	ky blue gr	ass, and timothy.				
Additional Remarks:									