WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	10/02/14					
Applicant:											Red Lake					
Investigators	<u> </u>			Subregion (MLRA or LRR): MLRA 56						State:	MN					
Soil Unit:	<u>17A</u>						Classification			-						
Landform:	Rise				cal Relief:			<u> </u>		Sample Point	<u>u-150n41w1-h3</u>					
Slope (%):	0 - 2%	nditions on the sit.	Latitude: 47.842			-95.8507		Datum:		o. <i>"</i>						
	, ,	nditions on the site		,	dí? (If no, exp		normal circun		□ No	Section:						
Are Vegetation	on ĻSoli on LSoli	□ or Hydrology □ or Hydrology				Ale	Tiormai circuin ⊡ Yes		esent?	Township:	Dir:					
SUMMARY C										Range:	DII.					
Hydrophytic			No					Hydric Soil	c Procont?	No						
Wetland Hyd		No				Hydric Soils Present? Is This Sampling Poir				etland? No						
Remarks:				ned area th	area that was created during pipeline construction. It forms ar											
		wamp wetland cor														
HYDROLOG							-									
		instana (Chaoli all	that any ly Min	incurs of ou			oondon (nonui	ne d) i								
Primary		icators (Check all	that apply; win	influm of on	e primary	or two sec	condary requi	red):	Secondary:							
	A1 - Surface \			B11 - Salt (Crust				B6 - Surface S	Soil Cracks						
	A2 - High Wa	ter Table			B13 - Aqua	atic Fauna				B8 - Sparsely	Vegetated Concave Surface					
	A3 - Saturatio				C1 - Hydro											
	B1 - Water Ma B2 - Sedimen			 C2 - Dry Season Water Table C3 - Oxidized Rhizospheres on Living Roots (not till 							Rhizospheres on Living Roots (tilled) Burrows					
	B3 - Drift Dep	osits			C4 - Prese					C9 - Saturatio	n Visible on Aerial Imagery					
	B4 - Algal Ma				C7 - Thin N		ce									
	B5 - Iron Dep	osits In Visible on Aerial Im			Other (Exp	lain)				D5 - FAC-Neu	tral Test aved Hummocks (LRR F)					
	B9 - Water-St		lagery							D7 - 110st-file						
_																
Field Obser	vations:															
Surface Wat	er Present?	Yes 🛛	Depth:		(in.)			Watland	ludua la auci	Duese au 40	N					
Water Table	Present?	Yes 🛛	Depth:		(in.)			Wetland H	iyarology	Present?	Ν					
Saturation P	resent?	Yes 🛛			(in.)											
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:																
Describe Rec	orded Data (s	stream gauge, moni	itoring well, aeria	al photos, pr	evious insp	ections), if	f available:									
			-		evious insp	ections), if	f available:									
Describe Rec Remarks:		stream gauge, moni rs of wetland hydro	-		evious insp	pections), if	f available:									
Remarks: SOILS	No indicator	rs of wetland hydro	ology were obse	erved.	-											
Remarks: SOILS Profile Descri	No indicator	be to the depth ne	eeded to docum	erved. nent the indi	cator or co	onfirm the	absence of ir									
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Remarks: SOILS Profile Descri	No indicator	ts of wetland hydro be to the depth ne etion, RM=Reduced Ma	eeded to docum	erved. nent the indi	cator or co	onfirm the tion: PL=Por	absence of ir re Lining, M=Matr									
Remarks: SOILS Profile Descri (Type: C=Concer	No indicator	te to the depth ne etion, RM=Reduced Ma Matrix	eeded to docum atrix, CS=Covered/	erved. nent the indi (Coated Sand	cator or co Grains; Locat	onfirm the tion: PL=Por Mottles	absence of ir re Lining, M=Matr S	ix)	Texture		Remarks					
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 NRCS Hydr	No indicator	be to the depth ne etion, RM=Reduced Ma Matrix Color (Moist) 2/1	eeded to docum atrix, CS=Covered/ % 100 eeck here if indi	erved. hent the indi Coated Sand Color (Cator or co Grains; Local Moist)	Mottles	absence of ir re Lining, M=Matr s Type	Location	CL Indicators 1	or Problematii						
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WETLAND DETERMINATION DATA FORM

Great Plains Region

Project/Site:	L3R				Sample Point: u-150n41w1-h3				
		e non-native	species.)						
Tree Stratum (Plot size: 30 ft. radius) Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet				
1.		76 COVEL	Dominant	Ind.Status					
2.					Number of Dominant Species that are OBL, FACW, or FAC: 0 (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.					OBL spp. 0 x 1 = 0				
	Total Cover =	0	_		FACW spp. <u>15</u> x 2 = <u>30</u>				
					FAC spp. 5 x $3 = 15$				
	Stratum (Plot size: 15 ft. radius)				FACU spp. 10 x 4 = 40				
1.					UPL spp. 70 x 5 = <u>350</u>				
2.	<u> </u>								
3.					Total 100 (A) 435 (B)				
4.	1				Dravalance Index = D/A =				
5. 6.	1				Prevalence Index = B/A = <u>4.350</u>				
0. 7.									
7. 8.					Hydrophytic Vagatation Indicators:				
9.					Hydrophytic Vegetation Indicators: Rapid Test for Hydrophytic Vegetation				
9. 10.					Dominance Test is > 50%				
10.	Total Cover =	0			$\frac{1}{2} \frac{1}{2} \frac{1}$				
		Ū			Morphological Adaptations (Explain) *				
Herb Stratum (I	Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *				
1.	Bromus inermis	70	Y	UPL					
2.	Phalaris arundinacea	15	Ν	FACW	* Indicators of hydric soil and wetland hydrology must be				
3.	Asparagus officinalis	10	Ν	FACU	present, unless disturbed or problematic.				
4.	Solidago gigantea	5	Ν	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.									
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.				
10.									
11.					All harkesseur (nen weedu) plante recordings of size				
12.					Herb - All herbaceous (non-woody) plants, regardless of size.				
13.									
14. 15.	<u> </u>				Woody Vines - All woody vines, regardless of height.				
15.	Total Cavar -	100			TTOOLY TINGS				
	Total Cover =	100	_						
Woody Vine St	ratum (Plot size: 30 ft. radius)								
1.									
2.									
3.					Hydrophytic Vegetation Present? N				
5.				-					
4.									
	Total Cover =	0							
Remarks:	The upland sample point is dominated by sm	nooth brom	ne.						
Additional Remarks:									