WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site: L3R										Date: County:	10/14/14		
Applicant: Enbridge											Red Lake		
Investigators: NTT/BEH				Subregion (MLRA or LRR): MLRA 56							MN		
Soil Unit:	159A						Classification:						
Landform:													
Slope (%):	3 - 7%		Latitude: 47.8		Longitude:			Datum					
		nditions on the site			ar? (If no, exp			⊡Yes	D No	Section:			
Are Vegetation D Soil Or Hydrology Dgnific							e normal circumstances present?			Township:			
Are Vegetatio		🖾 or Hydrology	Laturally pr	oblematic?			Yes	□No		Range:	Dir:		
SUMMARY C								Liburdari e O e i		NI-			
Hydrophytic V	-	No				Hydric Soils Present?							
Wetland Hyd Remarks:			No	lante d'utinte r	wheetfield		votation is muse				etland? No nted wheat and garden yellow		
Remarks.	rocket.	point is located on	i a lise ili a p		wheat held	1. NO VEÇ	getation is pres	ent through	iout the area	a besides pla	nied wheat and garden yellow		
HYDROLOG													
		icators (Check all	that apply; N	linimum of on	e primary	or two se	econdary requi	red):	- ·				
Primary:		Mator			B11 - Salt (Cruct			Secondary:	B6 - Surface S	Coil Crooke		
	 A1 - Surface Water A2 - High Water Table 										Vegetated Concave Surface		
	A3 - Saturatio			□ C1 - Hydrogen Sulfide Odor □ □ C2 - Dry Season Water Table □									
	B1 - Water Ma										Rhizospheres on Living Roots (tilled)		
	B2 - Sedimen B3 - Drift Dep							C8 - Crayfish I	Burrows n Visible on Aerial Imagery				
	B4 - Algal Mat										hic Position		
	B5 - Iron Dep				Other (Exp					D5 - FAC-Neu			
		n Visible on Aerial Ima	agery							D7 - Frost-Hea	aved Hummocks (LRR F)		
	B9 - Water-St	ained Leaves											
													
Field Observ			_		<i></i> .								
Surface Wate		_		h:				Wetland H	- - - - - - - - - - - - - - - - - - -	Present?	Ν		
Water Table		Yes		h:					, ,,		<u> </u>		
Saturation Pr	resent?	Yes 🛛	Dept	h:	(in.)								
Describe Reco	Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:												
Remarks: No wetland hydrology indicators present.													
Remarks:	No wetland		-	anai priotos, pr		ections),	if available:						
	No wetland		-	anar priotos, pr	evious insp	ections),	if available:						
SOILS		hydrology indicato	rs present.		-								
SOILS Profile Descri	iption (Descri	hydrology indicator	eded to docu	iment the indi	cator or co	onfirm th	e absence of ir						
SOILS Profile Descri	iption (Descri	hydrology indicato	eded to docu	iment the indi	cator or co	onfirm th	e absence of ir						
SOILS Profile Descri	iption (Descri	hydrology indicato be to the depth ne etion, RM=Reduced Ma	eded to docu	iment the indi	cator or co	onfirm the	e absence of ir ore Lining, M=Matr						
SOILS Profile Descri (Type: C=Concer	iption (Descri	hydrology indicato be to the depth ne etion, RM=Reduced Ma Matrix	rs present. reded to docu	Iment the indi	cator or co Grains; Locat	onfirm th tion: PL=P Mottle	e absence of ir ore Lining, M=Matr	ix)	Texture		Remarks		
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WETLAND DETERMINATION DATA FORM

Great Plains Region

Project/Site:	L3R				Sample Point: u-151n41w34-f1					
VEGETATIO	N (Species identified in all uppercase are	e non-native :	species)							
	Plot size: 30 ft. radius)	c non-native -	эрсскоз.)							
	Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet					
1.										
2.					Number of Dominant Species that are OBL, FACW, or FAC: 0 (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: 0.0% (A/B)					
7.					Describer of Index Mindex of					
8.					Prevalence Index Worksheet					
9. 10.					Total % Cover of: <u>Multiply by:</u>					
10.	 Total Cover =	0			OBL spp. 0 x 1 = 0 FACW spp. 0 x 2 = 0					
		0	-		FACW spp.0x20FAC spp.0x30					
Sanling/Shrub	Stratum (Plot size: 15 ft. radius)				FAC spp. 25 x 4 = 100					
3apiirig/Sritub 3					UPL spp. $60 \times 5 = 300$					
2.										
3.					Total <u>85</u> (A) <u>400</u> (B)					
4.	<u></u>									
5.					Prevalence Index = B/A = 4.706					
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.	Triticum aestivum	60	Y	NI						
2.	Barbarea vulgaris	25	Y	FACU	* Indicators of hydric soil and wetland hydrology must be					
3.					present, unless disturbed or problematic.					
4.					Definitions of Vegetation Strata:					
5.				-	-					
6					Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast height (DBH), regardless of height.					
7.					height (DDH), regardless of height.					
8.				_	Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.					
9. 10.					Saping/Sirub - woody plants less than 5 m. bbh, regardless of height.					
10.										
12.					Herb - All herbaceous (non-woody) plants, regardless of size.					
12.										
13.										
14.				_	Woody Vines - All woody vines, regardless of height.					
	Total Cover =	85								
			-							
Woody Vine Str	ratum (Plot size: 30 ft. radius)									
1.										
2.										
3.					Hydrophytic Vegetation Present? N					
5.										
4.										
	Total Cover =	0								
Remarks:	The upland vegetation consists of planted with	nter wheat	and garde	en yellow	rocket.					
Additional Remarks:										