WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	08/04/14	
Applicant:		Enbridge								County:	Marshall	
Investigators		NTT/KRG/BCS			_Subregio	`	or LRR):	MLRA 56		State:	MN	
Soil Unit:	157B						I Classification:	PEMA				
Landform:	Talf		10.0		ocal Relief:		.000			Sample Point:	u-155n45w18-a1	
Slope (%):	3 - 7%		Latitude: 48.2		Longitude:			Datum:				
		nditions on the site			al? (If no, exp			☑ Yes	□ No	Section:		
Are Vegetation		□, or Hydrology	•			Are	e normal circum	•	esent?	Township:	Dim	
Are Vegetation		□, or Hydrology	Haturally pro	obiematic?				□ No		Range:	Dir:	
Hydrophytic			No					Hydric Soil	ls Present?	No		
	drology Prese		No		_					t Within A W	etland? No	
Remarks:				ısly-manned	NWI polya	on which	n is not a wetlar				ow and is dominated by sm	acoth
rtemants.	brome.	point is located wi	itiliii a pieviot	ізіу таррса	14VVI polyg	OII WITHOU	1 is flot a wettar	id. The area	a 15 Within a	порен нісас	ow and is dominated by sir	100111
HYDROLOG												
		Santana (Olavala di						1\				
		icators (Check all	I that apply; IV	linimum of o	ne primary	or two s	econdary requir	red):	0			
<u>Primary</u> □	<u>':</u>	Mater		_	B11 - Salt	Cruet			Secondary:	B6 - Surface S	coil Cracks	
	A2 - High Wa				B13 - Aqua		l				Vegetated Concave Surface	
	A3 - Saturation			_	C1 - Hydro					B10 - Drainage		
	B1 - Water M				C2 - Dry S	eason Wa	ater Table				Rhizospheres on Living Roots (tilled)
	B2 - Sedimen	•					spheres on Living	Roots (not till	• -	C8 - Crayfish E		
	B3 - Drift Dep B4 - Algal Ma				C4 - Prese C7 - Thin N		educed Iron			D2 - Geomorp	n Visible on Aerial Imagery	
	B5 - Iron Dep				Other (Exp		ace			D5 - FAC-Neu		
	•	on Visible on Aerial Im	nagery	_	Othor (Exp	iaii iy					aved Hummocks (LRR F)	
	B9 - Water-St	tained Leaves									, ,	
Field Obser	vations:											
Surface Wat	er Present?	Yes □	Deptl	า:	(in.)			Wetland H	lydrology l	Present?	N	
Water Table	Present?	Yes □	Deptl	າ:	_ (in.)			vvetiana n	iyarology i	resent:		
0 1 1	recent?	V □	D 41									
Saturation P	i Cociii:	Yes	Deptl	า:	_ (in.)							
			<u> </u>		<u> </u>	ections),	if available:					
Describe Rec	orded Data (s	stream gauge, moni	itoring well, ae	rial photos, p	<u> </u>	ections),	if available:					
	orded Data (s		itoring well, ae	rial photos, p	<u> </u>	ections),	if available:					
Describe Rec	orded Data (s	stream gauge, moni	itoring well, ae	rial photos, p	<u> </u>	ections),	if available:					
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WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: u-155n45w18-a1
VEGETATIO	N (Species identified in all uppercase are	e 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: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
	Total Cover =	0			FACW spp. $0 x 2 = 0$
					FAC spp. 10 $\times 3 = 30$
Sapling/Shrub S	Stratum (Plot size: 15 ft. radius)				OBL spp. 0
1.					UPL spp. 80 $x = 5$ 400
2.					
3.					Total 100 (A) 470 (B)
4.					
5.					Prevalence Index = B/A = 4.700
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 (Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *
1.	Bromus inermis	70	Υ	UPL	
2.	Poa pratensis	10	N	FACU	* Indicators of hydric soil and wetland hydrology must be
3.	Solidago gigantea	10	N	FAC	present, unless disturbed or problematic.
4.	Solidago nemoralis	10	N	NI	Definitions of Vegetation Strata:
5.	Condago nomerans	10		- 111	Dominiono di Vogotation Girata.
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.					Sapinig/Siliub - Wessay Plante 1888 than 8 lin. 2211, Tegaraless of Height.
11.					
					Herb - All herbaceous (non-woody) plants, regardless of size.
12.					Herb - All Herbaceous (Horr-woody) plants, regardless of size.
13.					
14.					NATIONAL NOTICE AND
15.					Woody Vines - All woody vines, regardless of height.
	Total Cover =	100	_		
Woody Vine St	ratum (Plot size: 30 ft. radius)				
1.					
2.					
3.					Hydrophytic Vegetation Present? N
5.					
4.					
	Total Cover =				
Remarks:	The upland point is dominated with smooth b	prome and	a couple s	species of	goldenrod.
Additional R	Remarks:				