WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site: Applicant:	L3R Enbridge									Date: County:	10/03/14 Kittson	
Investigators	gators: JLS/SAM				Subregion	n (MLRA	or LRR):	MLRA 56		State:	MN	
Soil Unit:	Soil Unit: I140A NWI Classification:											
Landform: Slope (%):	Talf 0 - 2%		Local Relief: LL 668429 Longitude: -96.8882213 Datum:						Sample Point:	u-159n48w29-a1		
		nditions on the site	atitude: 48.56					Datum: ☑Yes	□No	Section:		
Are Vegetation		☐ or Hydrology			CIT . (II 110, CX)		normal circur			Township:		
Are Vegetation		☐ or Hydrology					Yes	□No		Range:	Dir:	
SUMMARY OF FINDINGS												
Hydrophytic \			No		_			Hydric Soil				
Wetland Hyd	rology Prese	nt?	No					Is This Sar	mpling Poin	t Within A W	etland? No	
Remarks:	The upland	sample point is loca	ated within a	CRP field, u	ipslope froi	m a fresh	wet meadow	. Vegetation	is dominate	ed by creepin	g wild rye and white aster.	
HYDROLOG	V											
		esters (Chook all t	hat apply: M	inimum of or	o primarı	or two oo	oondon, roqui	rod\.				
Primary:		cators (Check all t	nat appiy; ivi	inimum of or	ne primary	or two se	condary requi	rea):	Secondary:			
	A1 - Surface \	Vater			B11 - Salt (Crust				B6 - Surface S	Soil Cracks	
	A2 - High Wat			B13 - Aqua						Vegetated Concave Surface		
	A3 - Saturatio B1 - Water Ma										e Patterns Rhizospheres on Living Roots (tilled)	
	B2 - Sedimen						oheres on Living	Roots (not till		C8 - Crayfish B		
	B3 - Drift Dep				C4 - Prese						n Visible on Aerial Imagery	
	B4 - Algal Mat B5 - Iron Depo				C7 - Thin M Other (Expl		ce			D2 - Geomorp D5 - FAC-Neu		
		n Visible on Aerial Ima	gery		Other (Exp	iairi)					aved Hummocks (LRR F)	
	B9 - Water-St	ained Leaves										
Field Observations:												
Surface Water		Voc. □	Donth		(in)							
Water Table		Yes □ Yes □	Depth	n: n:	_ (in.) _ (in.)			Wetland H	lydrology l	Present?	N	
Saturation Pr		Yes 🗆	Depth		(in.)						_	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:												
Describe Reco	orded Data (s	tream gauge monito	ring well ae	rial photos n	evious insp	ections)	if available:					
							if available:					
Describe Reco		tream gauge, monito or secondary indica					if available:					
Remarks:	No primary	or secondary indica	tors of wetla	and hydrology	y were obs	erved.						
Remarks: SOILS Profile Descri	No primary	or secondary indicates to the depth nee	tors of wetla	and hydrolog	y were obse	erved.	e absence of i					
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WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: u-159n48w29-a1
VEGETATIO		e non-native	species.)		
Tree Stratum (Plot size: 30 ft. radius)				
	Species Name	% Cover	Dominant	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:(B)
5.					
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 50.0% (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. 50 x 2 = 100
	-				FAC spp. 0 x 3 = 0
Sapling/Shrub S	Stratum (Plot size: 15 ft. radius)				FACU spp. 65 x 4 = 260
1.					UPL spp. 0 x 5 = 0
2.					···
3.					Total 115 (A) 360 (B)
4.					
5.					Prevalence Index = B/A = 3.130
6.					Total and the second se
7.					
8.	-				Hydrophytic Vegetation Indicators:
9.					
10.					Rapid Test for Hydrophytic Vegetation Dominance Test is > 50%
10.	Total Cover =	0			
	Total Cover –	U	_		Prevalence Index is ≤ 3.0 *
	D				Morphological Adaptations (Explain) *
1.	Plot size: 5 ft. radius) Elymus repens	00	Y	FACU	Problem Hydrophytic Vegetation (Explain) *
2.		60	Y	FACW	* Indicators of hydric soil and wetland hydrology must be
	Symphyotrichum lanceolatum	50		_	present, unless disturbed or problematic.
3.	Symphyotrichum ericoides	5	N	FACU	
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.					neight (DBH), regardless of neight.
8.					. II. (A) I Mandaglants look than 0 in DDU as another of bright
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
10.					
11.					
12.					Herb - All herbaceous (non-woody) plants, regardless of size.
13.					
14.					
15.					Woody Vines - All woody vines, regardless of height.
	Total Cover =	115	_		
Woody Vine St	ratum (Plot size: 30 ft. radius)				
1.					
2.		_			
3.					Hydrophytic Vegetation Present? N
5.					
4.					
	Total Cover =	0			
Remarks:	The vegetation is dominated by creeping wild	rye and v	vhite aster		
	, , ,	•			
Additional R	Pomarke:				
Auditional R	AGIIIGI NO.				
1					