WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R							Date: County:	10/08/14				
Applicant:		Enbridge		0.1(141.041.00)						Pennington				
Investigators: Soil Unit:	: 	NTT/BEH	Subre	•	on (MLRA or LRR): MLRA 56 NWI Classification:				MN					
Landform:	Rise			Local Rel		i Ciassilication	-		Sample Point	u-152n43w14-d1				
Slope (%):														
. , ,		nditions on the site typical						□ No	Section:					
Are Vegetation		□, or Hydrology □signifi	•					Township:						
Are Vegetation		□, or Hydrology □atura	lly prol	blematic?		✓ Yes	□ No		Range:	Dir:				
	SUMMARY OF FINDINGS Hydrophytic Vegetation Present? Yes Hydric Soils Present? No													
Hydrophytic Vegetation Present?						Hydric Soils Present? No								
Wetland Hyd			No	and the other tests		. • .	Is This Sar	mpling Poin	t Within A W	etland? No				
Remarks: The upland point is located in a cut oat field and dominated by great plaintain.														
HYDROLOGY	-													
HYDROLOGY		(0)					I)							
		cators (Check all that app	oly; Mii	nimum of one prima	ary or two s	econdary requi	red):	Cooondom.						
<u>Primary:</u> □	A1 - Surface V	Vater		□ B11 - S	Salt Crust			Secondary:	B6 - Surface S	Soil Cracks				
	A2 - High Wat				quatic Fauna	1				Vegetated Concave Surface				
	A3 - Saturation				drogen Sulfi				B10 - Drainage					
	B1 - Water Ma B2 - Sediment				y Season Wa	ater Table spheres on Living	Roots (not till		C3 - Oxidized C8 - Crayfish B	Rhizospheres on Living Roots (tilled)				
	B3 - Drift Depo	•			esence of Re		110013 (1101 11111	,		n Visible on Aerial Imagery				
	B4 - Algal Mat				nin Muck Surf	ace			D2 - Geomorp	hic Position				
	B5 - Iron Depo			□ Other (Explain)				D5 - FAC-Neu					
	B9 - Water-Sta	n Visible on Aerial Imagery ained Leaves						П	D7 - F10St-nea	aved Hummocks (LRR F)				
_														
Field Observ	/ations:													
Surface Wate	er Present?	Yes □	Depth:	(in.)		Wetlered U	luduala ave l	Dracent?	N				
Water Table	Present?	Yes □	Depth:	(in.))		welland n	lydrology f	riesent?	<u>N</u>				
Saturation Present? Yes Depth: (in.)														
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:														
						, if available:								
	orded Data (s		ell, aeri			, if available:								
Describe Reco	orded Data (s	tream gauge, monitoring we	ell, aeri			, if available:								
Describe Reco	orded Data (s No wetland	tream gauge, monitoring we nydrology indicators prese	ell, aeri ent.	al photos, previous i	nspections)		ndicatore)							
Describe Reco Remarks: SOILS Profile Descri	orded Data (s No wetland ption (Descri	tream gauge, monitoring we hydrology indicators presented to the depth needed to	ell, aeri ent. docun	al photos, previous i	nspections) r confirm th	e absence of ir								
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Describe Reco Remarks: SOILS Profile Descri	orded Data (s No wetland ption (Descril ptration, D=Deple	tream gauge, monitoring we hydrology indicators presented to the depth needed to etion, RM=Reduced Matrix, CS=0	ell, aeri ent. docun	al photos, previous i	nspections) r confirm th ocation: PL=F	ne absence of ir Pore Lining, M=Mati		Texture		Remarks				
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Describe Recorded Remarks: SOILS Profile Descripe: C=Concent Depth (In.) 0-6 6-14 14-21	ption (Describitration, D=Depleted Hue_10YR Hue_5Y	nydrology indicators presented to the depth needed to etion, RM=Reduced Matrix, CS=0 Matrix Color (Moist) 2/1 4/3 5/2	docun Covered % 100 99 75	al photos, previous in the indicator of	r confirm thocation: PL=F	e absence of ir Pore Lining, M=Mati es Type C C	Location M M	FSL FSL SCL		Remarks				
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WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: u-152n43w14-d1
_					
VEGETATIO	、 .	e non-native	species.)		
Tree Stratum ((Plot size: 30 ft. radius) Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet
1.	<u>species riairie</u>	<u> 70 00001</u>	Dominant	<u>ma.otatao</u>	
2.					Number of Dominant Species that are OBL, FACW, or FAC: 1 (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: 100.0% (A/B)
7.					
8.					Prevalence Index Worksheet
9.					Total % Cover of: Multiply by:
10.					OBL spp. 0
	Total Cover =	0	_		FACW spp. 0
0 11 (0) 1 (0 (D)				FAC spp. 50 $X 3 = 150$
	Stratum (Plot size: 15 ft. radius)				$\begin{array}{cccccccccccccccccccccccccccccccccccc$
1. 2.					UPL spp. $0 x 5 = 0$
3.					Total 60 (A) 190 (B)
4.					(A)(B)
5.					Prevalence Index = $B/A = 3.167$
6.					
7.					
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					X 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.	Plantago major	50	Υ	FAC	
2.	Ambrosia artemisiifolia	10	N	FACU	
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
7.					height (DBH), regardless of height.
8.					- West state to the BBU was the state to
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
10.					_
11.					Herb - All herbaceous (non-woody) plants, regardless of size.
12.					Herb - All Herbaceous (Horr-woody) plants, regardless of size.
13.					-
14. 15.					Woody Vines - All woody vines, regardless of height.
15.	Total Cover =	60			- VVOOdy Villes - / III Woody Villes, Togardios of Holgiti.
	Total Cover =	00	_		
Woody Vine St	ratum (Plot size: 30 ft. radius)				
1.	ratum (Flot size: 50 ft. radius)				
2.					
3.					Hydrophytic Vegetation Present?
5.					
4.					
	Total Cover =	0			
Remarks:	The vegetation is dominated by great plainta				
Additional R	Remarks:				
Ī					