WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	09/30/14	
Applicant:		Enbridge								County:	Pennington	
Investigators				Subregic	Subregion (MLRA or LRR): MLRA 56					MN		
Soil Unit:	I59A						I Classification	:		1		
Landform:	Talf		47.0	20100017	Local Relief		14045000			Sample Point	u-152n43w15-a1	
Slope (%):	0 - 2%	. P.C	Latitude: 47.9				14615000	<u>Datum:</u>				
		nditions on the sit			•			✓ Yes	□ No	Section:		
Are Vegetation		☑, or Hydrology	•	•		Ar	e normal circun	•	esent?	Township:		
Are Vegetation		□, or Hydrology	□aturally p	oblemation)? 		Yes	□ No		Range:	Dir:	
SUMMARY C									L D	NI		
Hydrophytic \	_		No						ls Present?		otlered? No	
Wetland Hyd			No No	f l	tive to all a sydner	مر الماما ٨	\vec bee been			t Within A W	etland? No	
Remarks:	Upland sam	ple point is locate	ea on the eag	e or a cur	livated soybea	an field. <i>F</i>	area nas been s	sprayed with	nerbicides	recently.		
LIVERGLOO	V											
HYDROLOG	Y											
_	•	icators (Check all	I that apply; N	/linimum (of one primary	or two s	econdary requi	red):				
Primary:	-				_ 544 6 14	•			Secondary:			
	A1 - Surface \A2 - High Wa				□ B11 - Salt□ B13 - Aqu					B6 - Surface S		
	A2 - Flight Wa				•	ogen Sulfic				B10 - Sparsely	Vegetated Concave Surface	
	B1 - Water M						ater Table				Rhizospheres on Living Roots (t	illed)
	B2 - Sedimen	t Deposits					spheres on Living	Roots (not till	• 🗆	C8 - Crayfish I		,
	B3 - Drift Dep						educed Iron				n Visible on Aerial Imagery	
	B4 - Algal Ma					Muck Surf	ace			D2 - Geomorp		
	B5 - Iron Dep	osits on Visible on Aerial Im	nagery		□ Other (Exp	piain)				D5 - FAC-Neu	trai Test aved Hummocks (LRR F)	
		tained Leaves	nagery						_	D1 - 1103t-1108	avea Hammocks (ERRY)	
Field Observ	vations:											
Surface Wate	er Present?	Yes □	Dept	th:	(in.)							
Water Table		Yes	Dept		(in.)			Wetland F	lydrology l	Present?	N	
Saturation P		Yes □	Dept								_	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:												
			<u> </u>		(in.)	noctions)	if available:					
Describe Rec	orded Data (s	stream gauge, mon	itoring well, a	erial photo	s, previous ins	pections)	, if available:					
	orded Data (s		itoring well, a	erial photo	s, previous ins	pections)	, if available:					
Describe Reco	orded Data (s	stream gauge, mon	itoring well, a	erial photo	s, previous ins	pections)	, if available:					
Describe Reco	orded Data (s No primary	stream gauge, mon or secondary hydr	nitoring well, ac rological indic	erial photo cators we	s, previous ins re observed.			ndicators)				
Describe Reconstruction Remarks: SOILS Profile Descri	orded Data (s No primary ption (Descri	stream gauge, mon	nitoring well, acrological indicates	erial photocators were	s, previous instee observed.	onfirm th	e absence of ir					
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WETLAND DETERMINATION DATA FORM

Great Plains Region

Project/Site:	L3R				Sample Point: u-152n43w15-a1
					•
VEGETATIO	N (Species identified in all uppercase at	re non-native	species.)		
Tree Stratum	(Plot size: 30 ft. radius)				
	Species Name	% Cover	<u>Dominant</u>	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.					(7, 12)
8.					Prevalence Index Worksheet
					1 Taraday Osaan af
9.					Total % Cover of: Multiply by:
10.	Total Course				OBL spp. 0
	Total Cover =	0			FACW spp. 0
					Total % Cover of: Multiply by: OBL spp. 0 x 1 = 0 FACW spp. 0 x 2 = 0 FAC spp. 0 x 3 = 0 FACU spp. 10 x 4 = 40 UPL spp. 5 x 5 = 25
	Stratum (Plot size: 15 ft. radius)				FACU spp. 10 $\times 4 = 40$
1.					UPL spp. $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$
2.					
3.					Total 15 (A) 65 (B)
4.					
5.					Prevalence Index = B/A = 4.333
6.					
7.					
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					Dominance Test is > 50%
10.		0			Prevalence Index is ≤ 3.0 *
	Total Cover =	0			
					Morphological Adaptations (Explain) *
Herb Stratum (Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *
1.	Ambrosia artemisiifolia	10	Y	FACU	
2.	Glycine max	5	Υ	NI	* 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
7.					height (DBH), regardless of height.
8.					
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.					TIGID 1 / III Herbassess (Heri Wessay) plante, regardless of size.
14.					All All (1
15.					Woody Vines - All woody vines, regardless of height.
	Total Cover =	15			
Woody Vine St	ratum (Plot size: 30 ft. radius)				
1.					
2.		_			
3.					Hydrophytic Vegetation Present? N
5.					
4.					
···	Total Cover =	. 0			
Remarks:	Upland sample point is dominated by annua		and cultiva	ted souhe	ans
i Ciliaiks.	opiana sample point is dominated by annua	Tagweed	aria cuitiva	aca soyue	
Additional F	Remarks:				