

**WETLAND DETERMINATION DATA FORM - North Central and Northeast Region**

Project/Site: L3R City/County: Clearwater Sampling Date: 2016-07-01

Applicant/Owner: Enbridge State: Minnesota Sampling Point: CL016a15W

Investigator(s): DP, ZCW Section, Township, Range: S23, T149N, R38W

Landform (hillslope, terrace, etc.): Depression Local Relief (concave, convex, none): CC Slope (%): 0-2%

Subregion (LRR or MLRA): \_\_\_\_\_ Latitude: 47.7045052964... Longitude: -95.48009625... Datum: NAD83

Soil Map Unit Name: 38C2 NWI Classification: N/A

Are climatic/hydrologic conditions on the site typical for this time of year? (if no, explain in Remarks): Yes

Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes

Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks)

**SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.**

Hydrophytic Vegetation Present?	<u>Yes</u>	<b>Is the Sampled Area within a Wetland?</b>	
Hydric Soil Present?	<u>Yes</u>		<u>Yes</u>
Wetland Hydrology Present?	<u>Yes</u>		If yes, optional Wetland Site ID: <u>CL016a1W</u>
Remarks: (Explain alternative procedures here or in a separate report.) No digging, existing field road, potential buried utilities.			

**HYDROLOGY**

<b>Wetland Hydrology Indicators:</b>	<u>Secondary Indicators (minimum of two required)</u>
<u>Primary Indicators (minimum of one is required; check all that apply)</u>	
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Stunted/Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input checked="" type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Microtopographic Relief (D4)
	<input checked="" type="checkbox"/> FAC-Neutral Test (D5)

<b>Field Observations:</b>		<b>Wetland Hydrology Present?</b>	<u>Yes</u>
Surface Water Present? <u>No</u>	Depth (inches) _____		
Water Table Present? _____	Depth (inches) _____		
Saturation Present? <u>Yes</u>	Depth (inches) <u>0</u>		
(includes capillary fringe)			

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:  
No digging, could not confirm/deny water table. Saturation observed at surface.





Site Photograph 1

Sampling Point: CL016a15W



Latitude: 47.7045064280254

Cowardin Classification: PEM

Longitude: -95.4800959211732

Circular 39: 2

Direction: south

Eggers & Reed: Fresh (Wet) Meadow

Remarks:

Site Photograph 2

Sampling Point: CL016a15W



Latitude: 47.7045064699349

Cowardin Classification: PEM

Longitude: -95.4800957535351

Circular 39: 2

Direction: north

Eggers & Reed: Fresh (Wet) Meadow

Remarks:

A large, empty rectangular box with a black border, intended for entering remarks or additional information about the site.