

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: L3R City/County: Clearwater Sampling Date: 10/14/2014
 Applicant/Owner: Enbridge State: MN Sampling Point: u-149n38w7-c1
 Investigator(s): BJC/RAJ Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): Footslope Local relief (concave, convex, none): CL
 Slope (%): 3 - 7% Lat: 47.74294 Long: -95.570573 Datum: _____
 Soil Map Unit: 20B NWI Classification: _____

Are climatic/hydrologic conditions of the site typical for this time of the year? (If no, explain in remarks)
 Are vegetation , soil , or hydrology significantly disturbed? Are "normal circumstances" present?
 Are vegetation , soil , or hydrology naturally problematic? present?

SUMMARY OF FINDINGS (If needed, explain any answers in remarks.)

Hydrophytic vegetation present? <u>N</u>	Is the sampled area within a wetland? <u>N</u> If yes, optional wetland site ID: _____
Hydric soil present? <u>N</u>	
Indicators of wetland hydrology present? <u>N</u>	

Remarks: (Explain alternative procedures here or in a separate report.)
 The upland sample point is located in a patch of grassland dominated by smooth brome and Kentucky bluegrass.

VEGETATION -- Use scientific names of plants.

Tree Stratum (Plot size: 30 ft)	Absolute % Cover	Dominant Species	Indicator Status	Dominance Test Worksheet	
1				Number of Dominant Species that are OBL, FACW, or FAC: <u>1</u> (A)	
2				Total Number of Dominant Species Across all Strata: <u>2</u> (B)	
3				Percent of Dominant Species that are OBL, FACW, or FAC: <u>50.00%</u> (A/B)	
4					
5					
	<u>0</u>	= Total Cover			
Sapling/Shrub stratum (Plot size: 15 ft)	Absolute % Cover	Dominant Species	Indicator Status	Prevalence Index Worksheet	
1				Total % Cover of:	
2				OBL species <u>0</u> x 1 = <u>0</u>	
3				FACW species <u>0</u> x 2 = <u>0</u>	
4				FAC species <u>40</u> x 3 = <u>120</u>	
5				FACU species <u>60</u> x 4 = <u>240</u>	
	<u>0</u>	= Total Cover		UPL species <u>0</u> x 5 = <u>0</u>	
				Column totals <u>100</u> (A) <u>360</u> (B)	
				Prevalence Index = B/A = <u>3.60</u>	
Herb stratum (Plot size: 5 ft)	Absolute % Cover	Dominant Species	Indicator Status	Hydrophytic Vegetation Indicators:	
1 <i>Poa pratensis</i>	<u>40</u>	<u>Y</u>	<u>FAC</u>	<input type="checkbox"/> Rapid test for hydrophytic vegetation	
2 <i>Bromus inermis</i>	<u>35</u>	<u>Y</u>	<u>FACU</u>	<input type="checkbox"/> Dominance test is >50%	
3 <i>Phleum pratense</i>	<u>10</u>	<u>N</u>	<u>FACU</u>	<input type="checkbox"/> Prevalence index is ≤3.0*	
4 <i>Dactylis glomerata</i>	<u>10</u>	<u>N</u>	<u>FACU</u>	<input type="checkbox"/> Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)	
5 <i>Cirsium arvense</i>	<u>5</u>	<u>N</u>	<u>FACU</u>	<input type="checkbox"/> Problematic hydrophytic vegetation* (explain)	
6					
7					
8					
9					
10					
	<u>100</u>	= Total Cover			
Woody vine stratum (Plot size: 30 ft)	Absolute % Cover	Dominant Species	Indicator Status	Hydrophytic vegetation present? <u>N</u>	
1					
2					
	<u>0</u>	= Total Cover			

Remarks: (Include photo numbers here or on a separate sheet)
 The upland sample point is dominated by Kentucky bluegrass and smooth brome.