

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-e1
 Investigator(s): BJC/RAJ Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): Toeslope Local relief (concave, convex, none): CL
 Slope (%): 0 - 2% Lat: 47.741149 Long: -95.564665 Datum: _____
 Soil Map Unit: 765 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> Hydric soil present? <u>Y</u> Indicators of wetland hydrology present? <u>N</u>	Is the sampled area within a wetland? <u>N</u> If yes, optional wetland site ID: _____
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Remarks: (Explain alternative procedures here or in a separate report.)
 The upland sample point is located in a grassland dominated by wild timothy 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) Total Number of Dominant Species Across all Strata: <u>2</u> (B) Percent of Dominant Species that are OBL, FACW, or FAC: <u>50.00%</u> (A/B)
2					
3					
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: OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>15</u> x 2 = <u>30</u> FAC species <u>35</u> x 3 = <u>105</u> FACU species <u>50</u> x 4 = <u>200</u> UPL species <u>0</u> x 5 = <u>0</u> Column totals <u>100</u> (A) <u>335</u> (B) Prevalence Index = B/A = <u>3.35</u>
2					
3					
4					
5					
		<u>0</u>	= Total Cover		
Herb stratum	(Plot size: 5 ft)	Absolute % Cover	Dominant Species	Indicator Status	Hydrophytic Vegetation Indicators:
1	<i>Poa pratensis</i>	35	Y	FAC	<input type="checkbox"/> Rapid test for hydrophytic vegetation <input type="checkbox"/> Dominance test is >50% <input type="checkbox"/> Prevalence index is ≤3.0* <input type="checkbox"/> Morphological adaptations* (provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic hydrophytic vegetation* (explain) *Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic
2	<i>Phleum pratense</i>	30	Y	FACU	
3	<i>Bromus inermis</i>	15	N	FACU	
4	<i>Phalaris arundinacea</i>	15	N	FACW	
5	<i>Solidago canadensis</i>	5	N	FACU	
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?
1					<u>N</u>
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 wild timothy.