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-d1

Investigator(s): BJC/RAJ | Section, Township, Range:

Landform (hillslope, terrace, etc.): Toeslope | Local relief (concave, convex, none): CL

Slope (%): 0 - 2% | Lat: 47.741325 | Long: -95.565403 | 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?

SUMMARY OF FINDINGS

(If needed, explain any answers in remarks.)

Hydrophytic vegetation present?	N
Hydric soil present?	Y
Indicators of wetland hydrology present?	N

Is the sampled area within a wetland? N

If yes, optional wetland site ID:

Remarks: (Explain alternative procedures here or in a separate report.)

The upland sample point is located in a dry fallow area dominated by red clover and Kentucky bluegrass.

VEGETATION -- Use scientific names of plants.

		Absolute % Cover	Dominant Species	Indicator Status
Tree Stratum (Plot size: 30 ft)				
1				
2				
3				
4				
5				
		0	= Total Cover	
Sapling/Shrub stratum (Plot size: 15 ft)				
1				
2				
3				
4				
5				
		0	= Total Cover	
Herb stratum (Plot size: 5 ft)				
1	*Poa pratensis*	35	Y	FAC
2	*Trifolium pratense*	25	Y	FACU
3	*Phleum pratense*	20	N	FACU
4	*Dactylis glomerata*	10	N	FACU
5	*Setaria pumila*	5	N	FAC
6	*Elymus repens*	5	N	FACU
7	*Taraxacum officinale*	5	N	FACU
8				
9				
10				
		105	= Total Cover	
Woody vine stratum (Plot size: 30 ft)				
1				
2				
		0	= Total Cover	

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across all Strata: 2 (B)

Percent of Dominant Species that are OBL, FACW, or FAC: 50.00% (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	40	x 3 =	120
FACU species	65	x 4 =	260
UPL species	0	x 5 =	0
Column totals	105 (A)		380 (B)

Prevalence Index = B/A = 3.62

Hydrophytic Vegetation Indicators:

- ☐ Rapid test for hydrophytic vegetation
- ☐ Dominance test is >50%
- ☐ Prevalence index is ≤3.0*
- ☐ Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)
- ☐ Problematic hydrophytic vegetation* (explain)

*Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Hydrophytic vegetation present? N

Remarks: (Include photo numbers here or on a separate sheet)

The upland sample point is dominated by Kentucky bluegrass and red clover.