WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: L3R | City/County: Clearwater | Sampling Date: 10/13/2014

Applicant/Owner: Enbridge | State: MN | Sampling Point: w-149n38w6-a1

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

Landform (hillslope, terrace, etc.): Depression | Local relief (concave, convex, none): LC

Slope (%): 0 - 2% | Lat: 47.746199 | Long: -95.579277 | Datum:

Soil Map Unit: 582 | 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?	Y
Hydric soil present?	Y
Indicators of wetland hydrology present?	Y
Is the sampled area within a wetland?	Y
If yes, optional wetland site ID:	

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

A wet meadow dominated by reed canary grass in a roadside ditch. Hydrophytic vegetation and geomorphic position are present and hydric soils are assumed.

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 *Phalaris arundinacea*	90	Y	FACW
2 *Symphyotrichum lanceolatum*	5	N	FAC
3 *Salix eriocephala*	2	N	FACW
4			
5			
6			
7			
8			
9			
10			
	97 = 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: 1 (B)

Percent of Dominant Species that are OBL, FACW, or FAC: 100.00% (A/B)

Prevalence Index Worksheet

Total % Cover of:			
OBL species	0	x 1 =	0
FACW species	92	x 2 =	184
FAC species	5	x 3 =	15
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column totals	97 (A)		199 (B)

Prevalence Index = B/A = 2.05

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? Y

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

The sample point is in a wet meadow community dominated by reed canary grass. Hydrophytic vegetation is present.