WETLAND DETERMINATION DATA FORM - Midwest Region

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

Applicant/Owner: Enbridge | State: MN | Sampling Point: w-149n39w12-a1

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

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

Slope (%): 0 - 2% | Lat: 47.745767 | Long: -95.580172 | 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	**Is the sampled area within a wetland?** Y
Hydric soil present? Y	If yes, optional wetland site ID:
Indicators of wetland hydrology present? Y	

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

The wetland area is a wet meadow dominated by reed canary grass and lake sedge with a few scattered cattails. The wetland area is within a roadside ditch and the adjacent field (which may be a CRP field).

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*	80	Y	FACW
2 *Carex lacustris*	20	Y	OBL
3			
4			
5			
6			
7			
8			
9			
10			
	100 = 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: 2 (A)

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

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

Prevalence Index Worksheet

Total % Cover of:

OBL species	20	x 1 =	20
FACW species	80	x 2 =	160
FAC species	0	x 3 =	0
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column totals	100 (A)		180 (B)

Prevalence Index = B/A = 1.80

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)

A wet meadow community dominated by reed canary grass and lake sedge. Hydrophytic vegetation is present.