WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Applicant/Owner: Enbridge Investigator(s): BEH/BCS Landform (hillslope, terrace, etc.): Depression	Local relief (co g.: <u>-94.95327678</u> Datum	ownship, Range: oncave, convex, none): CC : NWI Classification: (If no, explain in remarks) ? Are "normal
SUMMARY OF FINDINGS		
Hydrophytic vegetation present? Y Hydric soil present? Y Indicators of wetland hydrology present? Y Remarks: (Explain alternative procedures here or in a set	Is the sampled area with If yes, optional wetland site parate report.)	
The wetland is a depressional sedge meadow do field surrounds the entire wetland.		s and mixed graminoids. A mowed
HYDROLOGY		
 ✓ High Water Table (A2) ✓ Aquatic ✓ Saturation (A3) ✓ Marl De Water Marks (B1) ✓ Hydroge ✓ Sediment Deposits (B2) ✓ Oxidized ✓ Drift Deposits (B3) ✓ Algal Mat or Crust (B4) ✓ Presend ✓ Iron Deposits (B5) ✓ Recent ✓ Inundation Visible on Aerial ✓ Sparsely Vegetated Concave ✓ Other (E ✓ Surface (B8) 	Stained Leaves (B9) Fauna (B13) posits (B15) en Sulfide Odor (C1) d Rhizospheres on toots (C3) se of Reduced Iron (C4) Iron Reduction in Tilled	Secondary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations: Surface water present? Yes Water table present? Yes Saturation present? Yes (includes capillary fringe) Describe recorded data (stream gauge, monitoring well, and the stream gauge)	Depth (inches): 3 Depth (inches): 0 Depth (inches): 0 aerial photos, previous inspect	Indicators of wetland hydrology present? Y ions), if available:
Remarks: Standing water covers the majority of the wetla	and, up to 1 foot deep in sc	ome areas.

lse scientific	names o	f plant	Sampling Point:	HUC5226b1W			
Plot Size (30 ft)	Absolute % Cover	Dominant Species	Indicator Status	50/20 Thresholds 20% 50% Tree Stratum 0 0 Sapling/Shrub Stratum 0 0 Herb Stratum 12 30 Woody Vine Stratum 0 0	
Plot Size (15 ft)	Absolute	Dominant	Indicator Status	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/E)	
						Prevalence Index WorksheetTotal % Cover of:OBL species $60 \times 1 =$ 60 FACW species $0 \times 2 =$ 0 FAC species $0 \times 3 =$ 0 FACU species $0 \times 4 =$ 0 UPL species $0 \times 5 =$ 0 Column totals 60 (A) 60 Prevalence Index = B/A = 1.00	
Plot Size (canadensis a nsylvanicus	5 ft)	0 Absolute % Cover 30 15 5 5 5 5 	= Total Cover Dominant Species Y Y N N N N	Indicator Status OBL OBL OBL OBL OBL	Hydrophytic Vegetation Indicators: Rapid test for hydrophytic vegetation Dominance test is >50% X 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 present, unless disturbed or problematic	
						Definitions of Vegetation Strata: Tree - Woody plants 3 in. (7.6 cm) or more in diamete breast height (DBH), regardless of height. Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb - All herbaceous (non-woody) plants, regardless size, and woody plants less than 3.28 ft tall.	
Plot Size (30 ft)	Absolute % Cover	Dominant Species	Indicator Status	Woody vines - All woody vines greater than 3.28 ft in height. Hydrophytic vegetation	
	Plot Size (Plot Size (canadensis a nsylvanicus	Plot Size (15 ft Plot Size (5 ft canadensis a nsylvanicus	Plot Size (15 ft) Plot Size (5 ft) Plot Size (5 ft) nsylvanicus	Plot Size (30 ft) % Cover	Plot Size (30 ft) % Cover Species	Plot Size (30 ft) % Cover Species Status	

SOIL								Samp	ling Point:	HUC5226b1W	
Profile	Description:	(Describe	to the	depth needed t	o documei	nt the ir	ndicator or	⁻ confirm	the absence	of indicators.)	
Depth		Matrix			Redox F	eature	S			Remarks	
(ln.)	Color	(moist)	%	Color (m	oist)	%	Type*	Loc**	Texture	Rellidiks	
0-4	Hue_10YR	2/1	100						MMI		
4-9	Hue_10YR	4/1	100						SICL		
9-20	Hue_2.5Y	5/3	90	Hue_10YR	4/4	10	С	М	SCL		
								-			
								-			
*Type:	C=Concentr	ation, D=D	epletio	n, RM=Reduce	d Matrix, C	CS=Cov	vered or C	oated Sa	and Grains		
	ion: PL=Por				a maan, e						
	Soil Indica	ž						Indicat	ors for Prob	lematic Hydric Soils:	
Histic Epipedon (A2) (S8) (LRR R, MLRA 149B) Black Histic (A3) □ Thin Dark Surface (S9) Hydrogen Sulfide (A4) □ Coast Prairie Redox (A16) (LRR K, L, R) Depleted Below Dark Suface (A11) □ Coast Prairie Redox (A16) (LRR K, L, R) Depleted Below Dark Suface (A11) □ Loamy Mucky Mineral (F1) □ Depleted Matrix (F2) Sandy Mucky Mineral (S1) □ Depleted Dark Surface (F6) □ Polyteled Dark Surface (F7) Sandy Redox (S5) □ Depleted Dark Surface (F7) □ Redox Depressions (F8) *Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.							at or Peat (S3) (LRR K, L, R) 57) (LRR K, L v Surface (S8) (LRR K, L) ice (S9) (LRR K, L) e Masses (F12) (LRR K, L, R) plain Soils (F19) (MLRA 149B) 56) (MLRA 144A, 145, 149B) rerial (F21) ark Surface (TF12) n Remarks)				
Restrictive Layer (if observed): Type: Depth (inches):								Hydric	: soil presen	nt? <u>Y</u>	
				y mucky min	eral unde	erlain I	oy clayey	/ layers	. The soil n	neets hydric soil indicator	