

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Sandpiper City/County: Cass Sampling Date: 06/06/2014
 Applicant/Owner: Enbridge State: MN Sampling Point: CA084_502d2W
 Investigator(s): ZSW Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): Concave/Concave
 Slope (%): 0 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: _____ NWI Classification: _____
 Are climatic/hydrologic conditions of the site typical for this time of the year? No (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present?	<u>Y</u>	Is the sampled area within a wetland?	<u>Y</u>
Hydric soil present?	<u>Y</u>		
Indicators of wetland hydrology present?	<u>Y</u>	If yes, optional wetland site ID:	<u>CA084_502d1W</u>
Remarks: (Explain alternative procedures here or in a separate report.)			
WETS analysis indicates current conditions are dry			

HYDROLOGY

Primary Indicators (minimum of one is required; check all that apply)				Secondary Indicators (minimum of two required)			
☒ Surface Water (A1)		☐ Water-Stained Leaves (B9)		☐ Surface Soil Cracks (B6)			
☒ High Water Table (A2)		☐ Aquatic Fauna (B13)		☐ Drainage Patterns (B10)			
☒ Saturation (A3)		☐ Marl Deposits (B15)		☐ Moss Trim Lines (B16)			
☐ Water Marks (B1)		☐ Hydrogen Sulfide Odor (C1)		☐ Dry-Season Water Table (C2)			
☐ Sediment Deposits (B2)		☐ Oxidized Rhizospheres on Living		☐ Crayfish Burrows (C8)			
☐ Drift Deposits (B3)		☐ Roots (C3)		☐ Saturation Visible on Aerial Imagery			
☐ Algal Mat or Crust (B4)		☐ Presence of Reduced Iron (C4)		☐ (C9)			
☐ Iron Deposits (B5)		☐ Recent Iron Reduction in Tilled		☐ Stunted or Stressed Plants (D1)			
☐ Inundation Visible on Aerial		☐ Soils (C6)		☒ Geomorphic Position (D2)			
☐ Imagery (B7)		☐ Thin Muck Surface (C7)		☐ Shallow Aquitard (D3)			
☐ Sparsely Vegetated Concave		☐ Other (Explain in Remarks)		☒ FAC-Neutral Test (D5)			
☐ Surface (B8)				☐ Microtopographic Relief (D4)			

Field Observations:				Indicators of wetland hydrology present?	
Surface water present?	Yes	☒	No	Depth (inches):	<u>10</u>
Water table present?	Yes	☒	No	Depth (inches):	<u>0</u>
Saturation present?	Yes	☒	No	Depth (inches):	<u>0</u>
(includes capillary fringe)					
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:					
Remarks:					