WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: SPP   City/County: Aitkin   Sampling Date: 9/20/2014
Applicant/Owner: Enbridge   State: MN   Sampling Point: AIC5321a1U
Investigator(s): CPF/KDD   Section, Township, Range:
Landform (hillslope, terrace, etc.): Footslope   Local relief (concave, convex, none CC
Slope (%): 8 - 15%   Lat.: 46.581416   Long.: -93.096352   Datum:
Soil Map Unit Name: 738C   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
Are vegetation ☐ , soil ☐ , or hydrology ☐ naturally problematic?   circumstances" present? ☑
(If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present?	N	
Hydric soil present?	N	**Is the sampled area within a wetland?** N
Indicators of wetland hydrology present?	N	If yes, optional wetland site ID:

Remarks: (Explain alternative procedures here or in a separate report.)
The upland is a fire-dependent community dominated by quaking aspen with beaked hazelnut beneath.

HYDROLOGY

Primary Indicators (minimum of one is required; check all that apply)

Secondary Indicators (minimum of two required)

☐ Surface Water (A1)
☐ High Water Table (A2)
☐ Saturation (A3)
☐ Water Marks (B1)
☐ Sediment Deposits (B2)
☐ Drift Deposits (B3)
☐ Algal Mat or Crust (B4)
☐ Iron Deposits (B5)
☐ Inundation Visible on Aerial Imagery (B7)
☐ Sparsely Vegetated Concave Surface (B8)

☐ Water-Stained Leaves (B9)
☐ Aquatic Fauna (B13)
☐ Marl Deposits (B15)
☐ Hydrogen Sulfide Odor (C1)
☐ Oxidized Rhizospheres on Living Roots (C3)
☐ Presence of Reduced Iron (C4)
☐ Recent Iron Reduction in Tilled Soils (C6)
☐ Thin Muck Surface (C7)
☐ Other (Explain in Remarks)

☐ 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 ☐   Depth (inches):
Water table present?   Yes ☐   Depth (inches):
Saturation present?   Yes ☐   Depth (inches):
(includes capillary fringe)

Indicators of wetland hydrology present? N

Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
No evidence of wetland hydrology was observed.