

WETLAND DETERMINATION DATA FORM - Great Plains Region

Project/Site: SPP City/County: Polk Sampling Date: 2015-07-13
 Applicant/Owner: Enbridge State: Minnesota Sampling Point: u-149n41w10-a1
 Investigator(s): ACM/LEB Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): _____ rise _____ Local Relief (concave, convex, none): _____ Conve... _____ Slope (%): 3-7
 Subregion (LRR or MLRA): _____ Latitude: 47.7389816986... Longitude: -95.89120790...
 Datum: Minnesota State Plane North, NAD 83 (2011) U.S. feet

Soil Map Unit Name: I15A NWI Classification: _____
 Yes _____

Are climatic/hydrologic conditions on the site typical for this time of year? (if no, explain in Remarks): _____
 Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes
 Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	No _____	Is the Sampled Area within a Wetland?	
Hydric Soil Present?	No _____		No _____
Wetland Hydrology Present?	No _____		If yes, optional Wetland Site ID: _____
Remarks: (Explain alternative procedures here or in a separate report.) The upland is located along a road and dominated by Kentucky bluegrass.			

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot Size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	_____	_____	Number of Dominant Species _____ That Are OBL, FACW, or FAC: <u>0</u> (A)
2. _____	_____	_____	_____	Total Number of Dominant Species _____
3. _____	_____	_____	_____	Species Across All Strata: <u>1</u> (B)
4. _____	_____	_____	_____	Percent of Dominant Species _____
<u>0</u> = Total Cover				That Are OBL, FACW, or FAC: <u>0</u> (A/B)
Sapling/Shrub Stratum (Plot Size: _____)				Prevalence Index worksheet:
1. _____	_____	_____	_____	Total % Cover of: _____ Multiply by:
2. _____	_____	_____	_____	OBL species <u>0.00</u> x 1 <u>0</u>
3. _____	_____	_____	_____	FACW species <u>10.00</u> x 2 <u>20</u>
4. _____	_____	_____	_____	FACU species <u>0.00</u> x 3 <u>360</u>
5. _____	_____	_____	_____	UPL species <u>2.00</u> x 4 <u>10</u>
<u>0</u> = Total Cover				Column Totals <u>102</u> (A) <u>390</u> (B)
Herb Stratum (Plot Size: <u>5 ft</u>)				Prevalence Index = B/A = <u>3.8235294...</u>
1. <u>Poa pratensis</u>	<u>70.00</u>	<u>Yes</u>	<u>FACU</u>	Hydrophytic Vegetation Indicators: _____ 1 - Rapid Test for Hydrophytic Vegetation <u>no</u> 2 - Dominance Test is > 50% <u>no</u> 3 - Prevalence Index is ≤ 3.0 ¹ _____ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) _____ ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. <u>Trifolium repens</u>	<u>5.00</u>	<u>No</u>	<u>FACU</u>	
3. <u>Solidago canadensis</u>	<u>5.00</u>	<u>No</u>	<u>FACU</u>	
4. <u>Equisetum hyemale</u>	<u>5.00</u>	<u>No</u>	<u>FACW</u>	
5. <u>Cirsium arvense</u>	<u>5.00</u>	<u>No</u>	<u>FACU</u>	
6. <u>Spartina pectinata</u>	<u>5.00</u>	<u>No</u>	<u>FACW</u>	
7. <u>Ambrosia artemisiifolia</u>	<u>5.00</u>	<u>No</u>	<u>FACU</u>	
8. <u>Asclepias syriaca</u>	<u>2.00</u>	<u>No</u>	<u>UPL</u>	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
<u>102</u> = Total Cover				
Woody Vine Stratum (Plot Size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
<u>0</u> = Total Cover				
% Bare Ground in Herb Stratum <u>0</u>				
Hydrophytic Vegetation Present? _____				
Remarks: The vegetation is dominated by Kentucky bluegrass with an assortment of forbs.				

SOIL

Sampling Point: u-149n41...

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Table with columns: Depth (inches), Matrix Color (moist), %, Redox Features Color (moist), %, Type¹, Loc², Texture, Remarks.

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: Histosol (A1), Sandy Gleyed Matrix (S4), etc. Indicators for Problematic Hydric Soil³: 1cm Muck (A9) (LRR I, J), etc.

Restrictive Layer (if present): Type: _____ Depth (inches): _____ Hydric Soil Present? No _____

Remarks: The soils could not be sampled due to the roadside location, but are assumed to be non-hydric based on the dominant vegetation and landscape position.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply): Surface Water (A1), High Water Table (A2), etc. Secondary Indicators (minimum of two required): Surface Soil Cracks (B6), Sparsely Vegetated Concave Surface (B8), etc.

Field Observations: Surface Water Present? No Depth (inches) _____ Water Table Present? No Depth (inches) _____ Saturation Present? No Depth (inches) _____ Wetland Hydrology Present? No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks: No indicators of wetland hydrology were observed.

Site Photograph 1

Sampling Point: u-149n41w10-a1

