## WETLAND DETERMINATION DATA FORM Great Plains Region

| Project/Site:  |   | L3R  |  |  |  |  |  |                 |  | Date:  | 08/01/14  |                |
|--|---|--|--|--|--|--|--|-----------------|--|--|---|----------------|
| Applicant:   |   | Enbridge   |  |  | 0  | · · · / · · · · · · · · · · · · · · · ·                            | A   DD\  | NAL DA ===      |  | County:  | Marshall  |                |
| Investigators  |   | KRG/NTT  |  |  | Subregio   | •  | A or LRR):   | MLRA 56         |  | State:   | MN  |                |
| Soil Unit:   | I18A  |  |  |  | Lasal Dalia  |  | 'I Classification:                                     |                 |  |  | 455-40-4  |                |
| Landform:  | Side slope<br>8 - 15%   |  | 1 atituda, 10                                | 271044   | Local Relief   |  | 2246   | Dotum           |  | Sample Point:  | u-155n46w1-b1   |                |
| Slope (%):   |   | onditions on the site  | Latitude: 48.                                |  |  | : -96.518  |  | Datum:<br>☑ Yes | □ No   | Section:   |   |                |
|  |   |  |  |  | •  |  |  |                 |  | 1  |   |                |
| Are Vegetation   |   |  | •  | tly disturbed<br>roblematic?   |  | Air  | e normal circum<br>☑ Yes                               | □ No            | 29 <b>6</b> 111.   | Township:  | Dir:  |                |
| SUMMARY C  |   |  | Haturally p                                  | robiematic:  |  |  | <u> </u>   | □ 1 <b>1</b> 0  |  | Range:   | DII.  |                |
| Hydrophytic  |   |  | No   |  |  |  |  | Hydric Soil     | ls Present?  | No   |   |                |
| Wetland Hyd  | •   |  | No   |  | <del></del>  |  |  |                 |  | t Within A W   | etland? <b>No</b>   |                |
| Remarks:   |   | point is located in  |  | ıral field plaı  | nted in whea   | t  |  | 13 THIS Cal     | ripiirig r oir   | ic vvicinii / ( vv   | charia: 110   |                |
| rtomanto.  | THO apiana  | point io rocatoa iii   | arragriound                                  | irai iroia piai  | nod III Wilod  |  |  |                 |  |  |   |                |
| HYDROLOG   | Υ   |  |  |  |  |  |  |                 |  |  |   |                |
|  |   | icatora (Chaola all  | that apply                                   | Minimum of   | ana primaru  | or two o   |  | rod\.           |  |  |   |                |
| Primary  |   | icators (Check all   | that apply;                                  | winimum oi   | one primary  | or two s   | secondary requir                                       | rea):           | Secondary:   |  |   |                |
|  | <u>.</u><br>A1 - Surface  | Water  |  |  | □ B11 - Salt   | Crust  |  |                 |  | B6 - Surface S   | Soil Cracks   |                |
|  | A2 - High Wa  |  |  |  | ☐ B13 - Aqu  |  | a  |                 |  |  | Vegetated Concave Surfa   | ace            |
|  | A3 - Saturation   |  |  |  | □ C1 - Hydro   |  |  |                 |  | B10 - Drainage   | e Patterns  |                |
|  | B1 - Water M  |  |  |  |  |  | ater Table   | Deate (set till |  |  | Rhizospheres on Living R  | Roots (tilled) |
|  | B2 - Sedimer<br>B3 - Drift Der  | •  |  |  |  |  | spheres on Living educed Iron                          | Roots (not till | • 🗆  | C8 - Crayfish E  | Burrows<br>n Visible on Aerial Imager                                       | 7/             |
|  | B4 - Algal Ma   |  |  |  | ☐ C7 - Thin  |  |  |                 |  | D2 - Geomorp   |   | У              |
|  | B5 - Iron Dep   | osits  |  |  | □ Other (Exp   |  |  |                 |  | D5 - FAC-Neu   |   |                |
|  |   | on Visible on Aerial Ima   | agery  |  |  |  |  |                 |  | D7 - Frost-Hea   | aved Hummocks (LRR F)   |                |
|  | B9 - Water-S  | tained Leaves  |  |  |  |  |  |                 |  |  |   |                |
| Field Observ   |   |  |  |  |  |  |  |                 |  |  |   |                |
| Field Obser  |   |  | _  |  | (!a. )   |  |  |                 |  |  |   |                |
| Surface Wat  |   | Yes  |  | oth:   | (in.)  |  |  | Wetland H       | lydrology l  | Present?   | N   |                |
| Water Table  |   | Yes  | -  | oth:   | (in.)  |  |  |                 | , 0,   |  |   |                |
| Saturation P   | resent?   | Yes □  | Dep  | oth:   | (in.)  |  |  |                 |  |  |   |                |
| Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: |   |  |  |  |  |  |  |                 |  |  |   |                |
| Describe Rec   | orded Data (  | stream gauge, monit  | toring well, a                               | erial photos,  |  | pections)  | <br>, if available:                                    |                 |  |  |   |                |
| Describe Rec<br>Remarks:   |   | stream gauge, monit  |  | <u> </u>   |  | pections)  | , if available:  |                 |  |  |   |                |
| Remarks:   |   |  |  | <u> </u>   |  | pections),   | , if available:  |                 |  |  |   |                |
| Remarks:   | No indicato   | rs of wetland hydro  | ology were o                                 | bserved.   | previous ins   |  |  |                 |  |  |   |                |
| Remarks:  SOILS Profile Descri   | No indicato   | rs of wetland hydro  | ology were o                                 | bbserved.  | previous ins   | onfirm th  | ne absence of in                                       |                 |  |  |   |                |
| Remarks:  SOILS Profile Descri   | No indicato   | rs of wetland hydro  | ology were o                                 | bbserved.  | previous ins   | onfirm th  | ne absence of in                                       |                 |  |  |   |                |
| Remarks:  SOILS Profile Descri   | No indicato   | rs of wetland hydro<br>ibe to the depth ned<br>etion, RM=Reduced Ma  | ology were o                                 | bbserved.  | previous ins   | onfirm th  | ne absence of in<br>Pore Lining, M=Matr                |                 |  |  |   |                |
| Remarks:  SOILS Profile Descri (Type: C=Concer   | No indicato   | rs of wetland hydro<br>ibe to the depth ned<br>etion, RM=Reduced Ma<br>Matrix  | eded to doc<br>atrix, CS=Cove                | bbserved.  cument the intered/Coated Sa  | previous ins   | onfirm th<br>ation: PL=P<br>Mottl                                  | ne absence of in<br>Pore Lining, M=Matr                | ix)             | Texture  |  | Remarks   |                |
| Remarks:  SOILS Profile Descri (Type: C=Concer   | No indicato   | rs of wetland hydro ibe to the depth ned etion, RM=Reduced Ma  Matrix Color (Moist)  | eded to doc<br>atrix, CS=Cove                | cument the intered/Coated Sa   | previous ins   | onfirm th  | ne absence of in<br>Pore Lining, M=Matr                |                 | Texture  |  | Remarks   |                |
| Remarks:  SOILS Profile Descri (Type: C=Concer   | No indicato   | rs of wetland hydro ibe to the depth ned etion, RM=Reduced Ma  Matrix Color (Moist)  | eded to doc<br>atrix, CS=Cove                | cument the intered/Coated Sa   | previous ins   | onfirm th<br>ation: PL=P<br>Mottl                                  | ne absence of in<br>Pore Lining, M=Matr                | ix)             | Texture<br>FS  |  | Remarks   |                |
| Remarks:  SOILS Profile Descri (Type: C=Concer   | No indicato   | rs of wetland hydro ibe to the depth ned etion, RM=Reduced Ma  Matrix Color (Moist)  | eded to doc<br>atrix, CS=Cove                | cument the intered/Coated Sa   | previous ins   | onfirm th<br>ation: PL=P<br>Mottl                                  | ne absence of in<br>Pore Lining, M=Matr                | ix)             |  |  | Remarks   |                |
| Remarks:  SOILS Profile Descri (Type: C=Concer   | No indicato   | rs of wetland hydro ibe to the depth ned etion, RM=Reduced Ma  Matrix Color (Moist)  | eded to doc<br>atrix, CS=Cove                | cument the intered/Coated Sa   | previous ins   | onfirm th<br>ation: PL=P<br>Mottl                                  | ne absence of in<br>Pore Lining, M=Matr                | ix)             |  |  | Remarks   |                |
| Remarks:  SOILS Profile Descri (Type: C=Concer   | No indicato   | rs of wetland hydro ibe to the depth ned etion, RM=Reduced Ma  Matrix Color (Moist)  | eded to doc<br>atrix, CS=Cove                | cument the intered/Coated Sa   | previous ins   | onfirm th<br>ation: PL=P<br>Mottl                                  | ne absence of in<br>Pore Lining, M=Matr                | ix)             |  |  | Remarks   |                |
| Remarks:  SOILS Profile Descri (Type: C=Concer   | No indicato   | rs of wetland hydro ibe to the depth ned etion, RM=Reduced Ma  Matrix Color (Moist)  | eded to doc<br>atrix, CS=Cove                | cument the intered/Coated Sa   | previous ins   | onfirm th<br>ation: PL=P<br>Mottl                                  | ne absence of in<br>Pore Lining, M=Matr                | ix)             |  |  | Remarks   |                |
| Remarks:  SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-18   | No indicato   | ibe to the depth nedetion, RM=Reduced Ma  Matrix  Color (Moist)  2/2   | eded to doc<br>etrix, CS=Cove                | cument the interest Coated Sa  | previous ins   | onfirm theation: PL=P  | ne absence of in<br>Pore Lining, M=Matr<br>les<br>Type | ix)             |  |  | Remarks   |                |
| Remarks:  SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-18   | No indicato   | ibe to the depth nedetion, RM=Reduced Ma  Matrix  Color (Moist)  2/2   | eded to doc<br>etrix, CS=Cove                | cument the interest Coated Sa  | previous ins   | onfirm theation: PL=P  | ne absence of in<br>Pore Lining, M=Matr                | ix)             | FS   | or Problemsti  |   |                |
| Remarks:  SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-18  NRCS Hydr                                | No indicato iption (Description, D=Dep  | ibe to the depth nedetion, RM=Reduced Ma  Matrix  Color (Moist)  2/2   | eded to doc<br>etrix, CS=Cove                | cument the intered/Coated Sa   | ndicator or cond Grains; Locator (Moist)   | onfirm theation: PL=P  | ne absence of in<br>Pore Lining, M=Matr<br>les<br>Type | Location        | FS<br>Indicators f   | or Problematic   |   |                |
| Remarks:  SOILS Profile Descrication (Type: C=Concert)  Depth (In.)  0-18  NRCS Hydr                       | No indicato iption (Description, D=Dep Hue_10YR ric Soil Field A1- Histosol   | ibe to the depth nedetion, RM=Reduced Ma  Matrix  Color (Moist)  2/2  Indicators (che  | eded to doc<br>etrix, CS=Cove                | cument the intered/Coated Sa   | previous ins   | onfirm theation: PL=P  | ne absence of in<br>Pore Lining, M=Matr<br>les<br>Type | Location        | Indicators f A9 - 1 cm M   | luck (LRR I, J)  | c Soils <sup>1</sup>  |                |
| Remarks:  SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-18  NRCS Hydr                                | No indicato iption (Description, D=Dep  | rs of wetland hydro libe to the depth nedetion, RM=Reduced Ma  Matrix  Color (Moist)  2/2  Indicators (checking)   | eded to doc<br>etrix, CS=Cove                | cument the intered/Coated Samuel Samu | ndicator or cond Grains; Locator (Moist)   | onfirm the ation: PL=P   | ne absence of in<br>Pore Lining, M=Matr<br>les<br>Type | Location        | Indicators f A9 - 1 cm M A16 - Coast   |  | c Soils <sup>1</sup><br>(LRR F, G, H)                                       |                |
| Remarks:  SOILS Profile Descrication (Type: C=Concert)  Depth (In.)  0-18  NRCS Hydr                       | iption (Description, D=Dep  Hue_10YR  A1- Histosol A2 - Histic Ep A3 - Black Hi A4 - Hydroge  | ibe to the depth nedetion, RM=Reduced Ma  Matrix  Color (Moist)  2/2  Indicators (checking Sulfide)  | eded to doc<br>etrix, CS=Cove                | cument the intered/Coated Samuel Samu | previous ins  ndicator or c nd Grains; Loca  or (Moist)  re not preser  y Redox bed Matrix by Mucky Mine by Gleyed Matrix  | onfirm the ation: PL=P  Mottl %  nt):                              | ne absence of in<br>Pore Lining, M=Matr<br>les<br>Type | Location        | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S6 F16 - High F   | luck (LRR I, J)<br>Prairie Redox (<br>urface (LRR G)<br>Plains Depressio   | c Soils <sup>1</sup><br>(LRR F, G, H)                                       |                |
| Remarks:  SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-18  NRCS Hydr                                | Hue_10YR  A1- Histosol A2 - Histic Ep A3 - Black Hi A4 - Hydroge A5 - Stratified  | ibe to the depth nedetion, RM=Reduced Ma  Matrix Color (Moist)  2/2  Indicators (checking Sulfide I Layers (LRR F)   | eded to doc atrix, CS=Cove                   | bserved.  cument the intered/Coated Same Color C | previous ins  ndicator or cond Grains; Loca  or (Moist)  re not preser  y Redox ped Matrix ny Mucky Mine ny Gleyed Matrix eted Matrix  | onfirm theation: PL=P  Mottl %  nt):                               | ne absence of in<br>Pore Lining, M=Matr<br>les<br>Type | Location        | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduce  | luck (LRR I, J)<br>Prairie Redox (<br>urface (LRR G)<br>Plains Depressions<br>ed Vertic                                    | c Soils <sup>1</sup><br>(LRR F, G, H)                                       |                |
| Remarks:  SOILS Profile Descrication (Type: C=Concert)  Depth (In.)  0-18  NRCS Hydr                       | Hue_10YR  A1- Histosol A2 - Histic Ep A3 - Black Hi A4 - Hydroge A5 - Stratified A9 - 1 cm Mu   | ibe to the depth nedetion, RM=Reduced Ma  Matrix  Color (Moist)  2/2  Indicators (checking stice in Sulfide in Layers (LRR F) ick (LRR FGH)  | eded to doc atrix, CS=Cove                   | cument the intered/Coated Samuella Samu | previous ins  ndicator or cond Grains; Loca  or (Moist)  re not preser  y Redox bed Matrix by Mucky Mine by Gleyed Matrix by Gleyed Matrix by Cleyed Matrix by Dark Surface  | onfirm thation: PL=P  Mottl %  nt):  ral rix e                     | ne absence of in<br>Pore Lining, M=Matr<br>les<br>Type | Location        | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduct TF2 - Red P  | luck (LRR I, J) Prairie Redox ( urface (LRR G) Plains Depressions ed Vertic Parent Material                                | C Soils <sup>1</sup> (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)         |                |
| Remarks:  SOILS Profile Descrication (Type: C=Concert)  Depth (In.)  0-18  NRCS Hydr                       | iption (Description, D=Dep  Hue_10YR  Hue_10YR  A1- Histosol A2 - Histic Ep A3 - Black Hi A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete   | rs of wetland hydro libe to the depth ned etion, RM=Reduced Ma  Matrix  Color (Moist)  2/2  Indicators (che sipedon stic n Sulfide I Layers (LRR F) ck (LRR FGH) ed Below Dark Surface   | eded to doc atrix, CS=Cove                   | Sobserved.  Comment the intered/Coated Same Color Colo | re not preser by Redox bed Matrix by Gleyed Matrix by Gleyed Matrix by Dark Surface eted Dark Surface  | onfirm thation: PL=P  Mottl  // // // // // // // // // // // // / | ne absence of in<br>Pore Lining, M=Matr<br>les<br>Type | Location        | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red F TF12 - Very   | luck (LRR I, J) Prairie Redox ( urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark S                  | C Soils <sup>1</sup> (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)         |                |
| Remarks:  SOILS Profile Descrication (Type: C=Concert)  Depth (In.)  0-18  NRCS Hydr                       | Hue_10YR  A1- Histosol A2 - Histic Ep A3 - Black Hi A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D   | ibe to the depth nedetion, RM=Reduced Ma  Matrix  Color (Moist)  2/2  Indicators (check)  ipedon  stic  n Sulfide I Layers (LRR F)  ck (LRR FGH) ed Below Dark Surface  Park Surface   | eded to doc atrix, CS=Cove                   | bserved.  cument the intered/Coated Same  Color  Co | re not preser by Redox bed Matrix by Mucky Mine by Gleyed Matrix by Gleyed Matrix by Cleyed Matrix by Dark Surface beted Dark Surface by Cleyessions | onfirm theation: PL=P  Mottl %  nt):  ral rix e ace                | ne absence of in<br>Pore Lining, M=Matr                | Location        | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red F TF12 - Very   | luck (LRR I, J) Prairie Redox ( urface (LRR G) Plains Depressions ed Vertic Parent Material                                | C Soils <sup>1</sup> (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)         |                |
| Remarks:  SOILS Profile Descrication (Type: C=Concert  Depth (In.) 0-18  NRCS Hydr                         | No indicato  iption (Description, D=Dep  Hue_10YR  Hue_10YR  A1- Histosol A2 - Histic Ep A3 - Black Hi A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick E S1 - Sandy M S2 - 2.5 cm M   | ibe to the depth nedetion, RM=Reduced Ma  Matrix  Color (Moist)  2/2  Indicators (check to be a compared to the color of t | eded to doc atrix, CS=Cove  9 10 eck here if | bserved.  cument the intered/Coated Same  Color  Co | re not preser by Redox bed Matrix by Mucky Mine by Gleyed Matrix by Gleyed Matrix by Cleyed Matrix by Dark Surface beted Dark Surface by Cleyessions | onfirm theation: PL=P  Mottl %  nt):  ral rix e ace                | ne absence of in<br>Pore Lining, M=Matr<br>les<br>Type | Location        | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red F TF12 - Very   | luck (LRR I, J) Prairie Redox ( urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark S                  | C Soils <sup>1</sup> (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)         |                |
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| Remarks:  SOILS Profile Descrice (Type: C=Concert  Depth (In.)  0-18  NRCS Hydr                            | No indicato  iption (Description, D=Dep  Hue_10YR  Hue_10YR  A1- Histosol A2 - Histic Ep A3 - Black Hi A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick E S1 - Sandy M S2 - 2.5 cm M   | ibe to the depth nedetion, RM=Reduced Marix  Matrix  Color (Moist)  2/2  Indicators (check)  ipedon  stic  n Sulfide I Layers (LRR F)  ck (LRR FGH)  ed Below Dark Surface  lucky Mineral  Mucky Peat or Peat (LR  cky Peat or Peat (LR  cky Peat or Peat (LR  | eded to doc atrix, CS=Cove  9 10 eck here if | bserved.  cument the intered/Coated Same  Color  Co | previous ins  ndicator or cond Grains; Loca  or (Moist)  re not preser  y Redox  ped Matrix  ny Mucky Mine  ny Gleyed Matrix  eted Matrix  ox Dark Surface  eted Dark Surface  eted Dark Surface  eted Dark Surface      | onfirm theation: PL=P  Mottl %  nt):  ral rix e ace                | ne absence of in<br>Pore Lining, M=Matr                | Location        | Indicators of A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduct TF2 - Red F TF12 - Very Other (Explain                              | luck (LRR I, J) Prairie Redox ( urface (LRR G) Plains Depression red Vertic Parent Material Shallow Dark S ain in Remarks) | c Soils <sup>1</sup> (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface | st be present, |
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| Remarks:  SOILS Profile Descrication (Type: C=Concert  Depth (In.)  0-18  NRCS Hydr                        | iption (Description, D=Deportation, D=Deportation, D=Deportation)  Hue_10YR  Hue_10YR  A1- Histosol A2 - Histic Epolic A3 - Black Hi A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick Epolic S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm M S4 - Sandy G | ibe to the depth need to the depth need to the depth need to the depth need to the detion, RM=Reduced Maximus  Matrix  Color (Moist)  2/2  Indicators (check of the depth need to the depth need | eded to doc atrix, CS=Cove  9 10 eck here if | bserved.  cument the intered/Coated Same Color C | re not preser by Redox bed Matrix by Mucky Mine by Gleyed Matrix by Gleyed Matrix by Cleyed Matrix by Dark Surface beted Dark Surface by Cleyessions | onfirm theation: PL=P  Mottl %  nt):  ral rix e ace                | ne absence of in<br>Pore Lining, M=Matr<br>les<br>Type | Location        | Indicators of A9 - 1 cm MA16 - Coast S7 - Dark S6 F16 - High F18 - Reduct TF2 - Red F1F12 - Very Other (Explain Indicators of Funless disturbed) | luck (LRR I, J) Prairie Redox ( urface (LRR G) Plains Depression red Vertic Parent Material Shallow Dark S ain in Remarks) | c Soils <sup>1</sup> (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface | st be present, |

## WETLAND DETERMINATION DATA FORM

**Great Plains Region** 

| Project/Site | : L3R                                      |              |                 |             | Sample Point: u-155n46w1-b1  |
|--------------|--|--------------|-----------------|-------------|--|
|              |  |              |                 |             |  |
| /EGETATIO    |  | e non-native | e species.)     |             |  |
| Tree Stratum | (Plot size: 30 ft. radius)                 |              |                 |             |  |
|              | <u>Species Name</u>                        | % Cover      | <u>Dominant</u> | Ind.Status  | Dominance Test Worksheet   |
| 1.           |  |              |                 |             |  |
| 2.           |  |              |                 |             | Number of Dominant Species that are OBL, FACW, or FAC:(A)  |
| 3.           |  |              |                 |             |  |
| 4.           |  |              |                 |             | Total Number of Dominant Species Across All Strata: 1 (B)  |
| 5.           |  |              |                 |             |  |
| 6.           |  |              |                 |             | Percent of Dominant Species That Are OBL, FACW, or FAC: 0.0% (A/B)   |
| 7.           |  |              |                 |             |  |
| 8.           |  |              |                 |             | Prevalence Index Worksheet   |
| 9.           | -  |              |                 |             | Total 9/ Cavar of: Multiply by   |
| 10.          |  |              |                 |             | Total % Cover of:  Multiply by:  |
| 10.          |  |              |                 |             | $\begin{array}{cccccccccccccccccccccccccccccccccccc$   |
|              | Total Cover =                              | 0            |                 |             | FACW spp. $\frac{0}{\sqrt{2}}$ $\times$ $2 = \frac{0}{\sqrt{2}}$   |
|              |  |              |                 |             | Multiply by.         OBL spp.       0       x 1 =       0         FACW spp.       0       x 2 =       0         FAC spp.       0       x 3 =       0         FACU spp.       5       x 4 =       20         UPL spp.       100       x 5 =       500 |
|              | Stratum (Plot size: 15 ft. radius)         |              |                 |             | FACU spp. $\qquad \qquad $  |
| 1.           |  |              |                 |             | UPL spp. $100$ $x = 500$   |
| 2.           |  |              |                 |             |  |
| 3.           |  |              |                 |             | Total 105 (A) 520 (B)  |
| 4.           |  |              |                 |             |  |
| 5.           |  |              |                 |             | Prevalence Index = B/A = 4.952   |
| 6.           |  |              |                 |             |  |
| 7.           | <u> </u>                                   |              |                 |             |  |
| 8.           |  |              |                 |             | Hydrophytic Vegetation Indicators:   |
| 9.           |  |              |                 |             | Rapid Test for Hydrophytic Vegetation  |
| 10.          | -  |              |                 |             | Dominance Test is > 50%  |
| 10.          |  | 0            |                 |             | Prevalence Index is ≤ 3.0 *  |
|              | Total Cover =                              | 0            | <del></del>     |             |  |
|              |  |              |                 |             | Morphological Adaptations (Explain) *  |
|              | (Plot size: 5 ft. radius)                  |              | V               | <b>N</b> 11 | Problem Hydrophytic Vegetation (Explain) *   |
| 1.           | Triticum aestivum                          | 95           | I               | NI          |  |
| 2.           | Glycine max                                | 5            | N               | NI          | * Indicators of hydric soil and wetland hydrology must be  |
| 3.           | Helianthus annuus                          | 5            | N               | FACU        | present, unless disturbed or problematic.  |
| 4.           |  |              |                 |             | Definitions of Vegetation Strata:  |
| 5.           |  |              |                 |             |  |
| 6            |  |              |                 |             | Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast  |
| 7.           |  |              |                 |             | height (DBH), regardless of height.  |
| 8.           |  |              |                 |             |  |
| 9.           |  |              |                 |             | Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.  |
| 10.          |  |              |                 |             |  |
| 11.          |  |              |                 |             |  |
| 12.          |  |              |                 |             | <b>Herb</b> - All herbaceous (non-woody) plants, regardless of size.   |
|              |  |              |                 |             | TIGID = 1  |
| 13.          |  |              |                 |             | 1  |
| 14.          |  |              |                 |             | All was about the state of   |
| 15.          |  |              |                 |             | Woody Vines - All woody vines, regardless of height.   |
|              | Total Cover = _                            | 105          |                 |             |  |
|              |  |              |                 |             |  |
| Woody Vine S | tratum (Plot size: 30 ft. radius)          |              |                 |             |  |
| 1.           |  |              |                 |             |  |
| 2.           |  |              |                 |             |  |
| 3.           |  |              |                 |             | Hydrophytic Vegetation Present? N  |
| 5.           |  |              |                 |             |  |
| 4.           |  |              |                 |             |  |
|              | Total Cover =                              | 0            |                 |             |  |
| Remarks:     | Vegetation is dominated by wheat. The samp |              | n ie within     | a nlanted   | wheat field  |
| Remarks.     | vegetation is dominated by wheat. The samp | ne location  | ii is williii i | a pianteu   | wheat field.   |
|              |  |              |                 |             |  |
|              |  |              |                 |             |  |
| Additional F | Remarks:                                   |              |                 |             |  |
|              |  |              |                 |             |  |
|              |  |              |                 |             |  |
|              |  |              |                 |             |  |
|              |  |              |                 |             |  |