WETLAND DETERMINATION DATA FORM Great Plains Region

| D : (/O: | | Lob | | | | | | | l | 00/05/44 | | |
|--|---|--|--|--|--|--|-----------------|--|--|--|--------------|--|
| Project/Site: | | L3R Enhridge | | | | | | | Date: | 08/25/14 Maraball | | |
| Applicant: | | Enbridge BEH/RAJ | | | Subragion (ML) | ον IDD\· | MLRA 56 | | County: State: | Marshall MN | | |
| Investigators Soil Unit: | I57B | DEH/NAJ | | | Subregion (MLI_ N | VI Classification | | | State. | IVIIN | | |
| Landform: | Talf | | | | cal Relief: VL | VI Classification | • | | Sample Point: | u-155n45w28-a1 | | |
| Slope (%): | 0 - 2% | I atitu | ude: 48.224 | | Longitude: -96.4 | 5405145 | Datum: | 1 | | <u>u 1001140W20 u1</u> | | |
| . , , | | nditions on the site typi | | | | | | □ No | 1 | | | |
| Are Vegetation | | . | | disturbed? | | re normal circur | | | Township: | | | |
| Are Vegetation | | | urally prob | | | ✓ Yes | □ No | | Range: | Dir: | | |
| SUMMARY C | | , , , | on only pro- | | | | | | i tom ig o | | | |
| Hydrophytic \ | | | No | | | | Hydric Soi | ls Present? | No | | | |
| Wetland Hyd | _ | | No | | - | | | | t Within A W | etland? No | | |
| Remarks: | | sample point is located | in a soyb | ean field ac | jacent to a road | side ditch wetland | | | | | ' | |
| | • | | • | | • | | | | | | | |
| HYDROLOGY | | | | | | | | | | | | |
| Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required): | | | | | | | | | | | | |
| Primary: | • | icators (Check all that | apply, will | ilitiaiti oi oii | e primary or two | Secondary requi | ieu). | Secondary: | | | | |
| <u>- 1 1111a. y</u> | <u>·</u> | Water | | | B11 - Salt Crust | | | | B6 - Surface S | oil Cracks | | |
| | A2 - High Wa | ter Table | | | B13 - Aquatic Fau | na | | | B8 - Sparsely | Vegetated Concave Surface |) | |
| | A3 - Saturation | | | | C1 - Hydrogen Su | | | | B10 - Drainage | | | |
| | B1 - Water M B2 - Sedimen | | | | C2 - Dry Season \ | Vater Table :ospheres on Living | Poots (not till | | C3 - Oxidized C8 - Crayfish E | Rhizospheres on Living Roo | ts (tilled) | |
| | B3 - Drift Dep | • | | | C4 - Presence of | | Roots (not till | , – | - | Note | | |
| | B4 - Algal Ma | | | | C7 - Thin Muck St | | | _ | D2 - Geomorp | | | |
| | B5 - Iron Dep | osits | | | Other (Explain) | | | | D5 - FAC-Neut | | | |
| | | on Visible on Aerial Imagery | / | | | | | | D7 - Frost-Hea | aved Hummocks (LRR F) | | |
| | B9 - Water-S | ained Leaves | | | | | | | | | | |
| First LOL | - 4 * | | | | | | | | | | | |
| Field Observ | | | | | (*) | | | | | | | |
| Surface Water | | Yes | Depth: | | _ (in.) | | Wetland F | lydrology I | Present? | N | | |
| Water Table | | Yes | Depth: | | (in.) | | | , | | _ | | |
| Saturation Pr | resent? | Yes | Depth: | | (in.) | | | | | | | |
| Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: | | | | | | | | | | | | |
| Describe Reco | orded Data (s | stream gauge, monitoring | g well, aeria | al photos, pr | evious inspection | s), if available: | | | | | | |
| Describe Reco | <u>`</u> | stream gauge, monitoring or secondary hydrologi | | | <u> </u> | s), if available: | | | | | | |
| | <u>`</u> | | | | <u> </u> | s), if available: | | | | | | |
| Remarks: | No primary | or secondary hydrologi | cal indicat | tors were ob | served. | | | | | | | |
| Remarks: SOILS Profile Descri | No primary | or secondary hydrologi | cal indicat | tors were obtainent the indi | served. | the absence of ir | | | | | | |
| Remarks: SOILS Profile Descri | No primary | or secondary hydrologi | cal indicat | tors were obtainent the indi | served. | the absence of ir | | | | | | |
| Remarks: SOILS Profile Descri | No primary | or secondary hydrologi be to the depth needed etion, RM=Reduced Matrix, C | cal indicat | tors were obtainent the indi | cator or confirm | the absence of ir Pore Lining, M=Mati | | | | | | |
| Remarks: SOILS Profile Descri (Type: C=Concer | No primary | or secondary hydrologic be to the depth needed etion, RM=Reduced Matrix, C | cal indicated to docum | nent the indi | cator or confirm Grains; Location: PL | the absence of inepore the second in the sec | rix) | Toyturo | | Pomarke | | |
| Remarks: SOILS Profile Descri (Type: C=Concer | No primary iption (Descriptration, D=Depl | or secondary hydrologic be to the depth needed etion, RM=Reduced Matrix, C Matrix Color (Moist) | d to docum | tors were obtainent the indi | cator or confirm Grains; Location: PL | the absence of ir Pore Lining, M=Mati | | Texture | | Remarks | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 | No primary iption (Descriptration, D=Depl | or secondary hydrologic be to the depth needed etion, RM=Reduced Matrix, C Matrix Color (Moist) | d to docum CS=Covered | nent the indi | cator or confirm Grains; Location: PL | the absence of inepore the second in the sec | rix) | FSL | | Remarks | | |
| Remarks: SOILS Profile Descri (Type: C=Concer | No primary iption (Descriptration, D=Depl | or secondary hydrologic be to the depth needed etion, RM=Reduced Matrix, C Matrix Color (Moist) | d to docum | nent the indi | cator or confirm Grains; Location: PL | the absence of inepore the second in the sec | rix) | | | Remarks | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 | No primary iption (Descriptration, D=Depl | or secondary hydrologic be to the depth needed etion, RM=Reduced Matrix, C Matrix Color (Moist) | d to docum CS=Covered | nent the indi | cator or confirm Grains; Location: PL | the absence of inepore the second in the sec | rix) | FSL | | Remarks | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 | No primary iption (Descriptration, D=Depl | or secondary hydrologic be to the depth needed etion, RM=Reduced Matrix, C Matrix Color (Moist) | d to docum CS=Covered | nent the indi | cator or confirm Grains; Location: PL | the absence of inepore the second in the sec | rix) | FSL | | Remarks | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 | No primary iption (Descriptration, D=Depl | or secondary hydrologic be to the depth needed etion, RM=Reduced Matrix, C Matrix Color (Moist) | d to docum CS=Covered | nent the indi | cator or confirm Grains; Location: PL | the absence of inepore the second in the sec | rix) | FSL | | Remarks | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 | No primary iption (Descriptration, D=Depl Hue_10YR Hue_10YR | or secondary hydrologi be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 | to docum CS=Covered/ | nent the indi /Coated Sand | cator or confirm Grains; Location: PL Mo Moist) % | the absence of ir Pore Lining, M=Mate ttles Type | rix) | FSL | | Remarks | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 | No primary iption (Descriptration, D=Depl | or secondary hydrologi be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 | to docum CS=Covered/ | nent the indi /Coated Sand | cator or confirm Grains; Location: PL | the absence of inepore the second in the sec | rix) | FSL LFS | | | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 | No primary iption (Description, D=Depl Hue_10YR Hue_10YR Fic Soil Field | or secondary hydrologi be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 | to docum CS=Covered/ 100 100 here if indi | nent the indi Coated Sand Color (| cator or confirm Grains; Location: PL Mo Moist) not present): | the absence of ir Pore Lining, M=Mate ttles Type | Location | FSL LFS Indicators f | or Problematic | | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 NRCS Hydr | No primary Iption (Description, D=Depl Hue_10YR Hue_10YR Hue_10YR A1- Histosol | be to the depth needed etion, RM=Reduced Matrix Color (Moist) 2/1 3/2 Indicators (check I | to docum CS=Covered/ % 100 100 here if indi | cors were obtained the individual of the individ | cator or confirm Grains; Location: PL Mo Moist) not present): | the absence of ir Pore Lining, M=Mate ttles Type | Location | FSL LFS Indicators f A9 - 1 cm M | uck (LRR I, J) | c Soils ¹ | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 NRCS Hydr | No primary Iption (Description, D=Depl Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep | or secondary hydrologic be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 Indicators (check Indicators) | to docum CS=Covered/ % 100 100 here if indi | Color (S5 - Sandy R S6 - Stripped | cator or confirm Grains; Location: PL Mo Moist) not present): edox Matrix | the absence of ir Pore Lining, M=Mate ttles Type | Location | Indicators f A9 - 1 cm M A16 - Coast | uck (LRR I, J) Prairie Redox (| c Soils ¹ | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 NRCS Hydr | Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His | be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 Indicators (check I | to docume % 100 100 here if indi | Color (S5 - Sandy R S6 - Stripped F1 - Loamy N | cator or confirm Grains; Location: PL Mo Moist) not present): edox Matrix Mucky Mineral | the absence of ir Pore Lining, M=Mate ttles Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St | luck (LRR I, J) Prairie Redox (urface (LRR G) | Soils ¹ (LRR F, G, H) | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 NRCS Hydr | Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge | or secondary hydrologic be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 Indicators (check In Sulfide | to docum CS=Covered/ 100 100 here if indi | cors were obtained the individual of the individ | cator or confirm Grains; Location: PL Mo Moist) not present): edox Matrix Mucky Mineral Gleyed Matrix | the absence of ir Pore Lining, M=Mate ttles Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F | luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depressio | c Soils ¹ | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 NRCS Hydr | Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified | or secondary hydrological be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 Indicators (check Indicators) ipedon etic in Sulfide Layers (LRR F) | to docum CS=Covered/ % 100 100 here if indi | Color (S5 - Sandy R S6 - Stripped F1 - Loamy N | cator or confirm Grains; Location: PL Mo Moist) not present): edox Matrix Mucky Mineral Gleyed Matrix I Matrix | the absence of ir Pore Lining, M=Mate ttles Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduce | luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depressio | Soils ¹ (LRR F, G, H) | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 NRCS Hydr | Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete | be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 Indicators (check I special stice in Sulfide Layers (LRR F) ck (LRR FGH) id Below Dark Surface | to docum CS=Covered/ % 100 100 here if indi | cors were obtained in the individual of the indi | cator or confirm Grains; Location: PL Mo Moist) Mot present): edox Matrix Mucky Mineral Gleyed Matrix I Matrix ark Surface I Dark Surface | the absence of ir Pore Lining, M=Mate ttles Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very | luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark S | E Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 NRCS Hydr | Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D | be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 Indicators (check I lipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) in Below Dark Surface ark Surface | to docume % 100 100 here if indi | cors were obtained in the individual of the indi | cator or confirm Grains; Location: PL Mo Moist) Moist) Mot present): edox Matrix Mucky Mineral Gleyed Matrix I Matrix eark Surface I Dark Surface epressions | the absence of inepore Lining, M=Matestales Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very | luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depressions ed Vertic Parent Material | E Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 NRCS Hydr | Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M | be to the depth needed etion, RM=Reduced Matrix Matrix Color (Moist) 2/1 3/2 Indicators (check In Sulfide Layers (LRR F) ck (LRR FGH) cd Below Dark Surface ark Surface ucky Mineral | to document of the control of the co | cors were obtained in the individual of the indi | cator or confirm Grains; Location: PL Mo Moist) Moist) Mot present): edox Matrix Mucky Mineral Gleyed Matrix I Matrix eark Surface I Dark Surface epressions | the absence of ir Pore Lining, M=Mate ttles Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very | luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark S | E Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) | | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 NRCS Hydr | Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm N | or secondary hydrological be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 Indicators (check Indicators) ipedon etic in Sulfide Layers (LRR F) ck (LRR FGH) ind Below Dark Surface in Surface eucky Mineral Mucky Peat or Peat (LRR G | to document of the control of the co | cors were obtained in the individual of the indi | cator or confirm Grains; Location: PL Mo Moist) Moist) Mot present): edox Matrix Mucky Mineral Gleyed Matrix I Matrix eark Surface I Dark Surface epressions | the absence of inepore Lining, M=Matestales Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla | luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression red Vertic Parent Material Shallow Dark S ain in Remarks) | C Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) | a present | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 NRCS Hydr | Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu | or secondary hydrological be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 Indicators (check In Sulfide Layers (LRR F) ck (LRR FGH) cd Below Dark Surface eark Surface ucky Mineral flucky Peat or Peat (LRR G) cky Peat or Peat (LRR F) | to document of the control of the co | cors were obtained in the individual of the indi | cator or confirm Grains; Location: PL Mo Moist) Moist) Mot present): edox Matrix Mucky Mineral Gleyed Matrix I Matrix eark Surface I Dark Surface epressions | the absence of inepore Lining, M=Matestales Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P 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) | E Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) | e present, | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 NRCS Hydr | Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm N | or secondary hydrological be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 Indicators (check In Sulfide Layers (LRR F) ck (LRR FGH) cd Below Dark Surface eark Surface ucky Mineral flucky Peat or Peat (LRR G) cky Peat or Peat (LRR F) | to document of the control of the co | cors were obtained in the individual of the indi | cator or confirm Grains; Location: PL Mo Moist) Moist) Mot present): edox Matrix Mucky Mineral Gleyed Matrix I Matrix eark Surface I Dark Surface epressions | the absence of inepore Lining, M=Matestales Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P 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 ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) | e present, | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 NRCS Hydr | Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu S4 - Sandy G | be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 Indicators (check In Sulfide Layers (LRR F) ck (LRR FGH) cd Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (LRR F) leyed Matrix | to document of the control of the co | cors were obtained the individual of the individ | cator or confirm Grains; Location: PL Mo Moist) not present): edox Matrix Mucky Mineral Gleyed Matrix I Matrix ark Surface I Dark Surface epressions ains Depressions (| the absence of inepore Lining, M=Matestales Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P 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 ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) | e present, | |
| Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-17 17-23 NRCS Hydr | Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu S4 - Sandy G | be to the depth needed etion, RM=Reduced Matrix, Color (Moist) 2/1 3/2 Indicators (check In Sulfide Layers (LRR F) ck (LRR FGH) cd Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (LRR F) leyed Matrix | to document of the control of the co | cors were obtained in the individual of the indi | cator or confirm Grains; Location: PL Mo Moist) not present): edox Matrix Mucky Mineral Gleyed Matrix I Matrix ark Surface I Dark Surface epressions ains Depressions (| the absence of inepore Lining, M=Matestales Type | Location | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P 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 ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) | e present, | |

WETLAND DETERMINATION DATA FORM

Great Plains Region

| Project/Site: | L3R | | | | Sample Point: u-155n45w28-a1 | | | | |
|---------------------|---|------------|-----------------|-------------|---|--|--|--|--|
| _ | | | | | • | | | | |
| VEGETATIO | N (Species identified in all uppercase are | non-native | species.) | | | | | | |
| Tree Stratum (| (Plot size: 30 ft. radius) | | | | | | | | |
| | Species Name | % Cover | Dominant | 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: 2 (B) | | | | |
| 5. | | | | | · · · · · · · · · · · · · · · · · · · | | | | |
| 6. | | | | | Percent of Dominant Species That Are OBL, FACW, or FAC: 0.0% (A/B) | | | | |
| 7. | | | | | | | | | |
| 8. | | | | | Prevalence Index Worksheet | | | | |
| 9. | | | | | Total % Cover of: Multiply by: | | | | |
| 10. | | | | | OBL spp. 0 $\times 1 = 0$ | | | | |
| 10. | Total Cover = | 0 | | | OBL spp. 0 | | | | |
| | 10101 00101 = | | | | FAC spp. 0 x 3 = 0 | | | | |
| Sanling/Shrub | Stratum (Plot size: 15 ft. radius) | | | | FACILIEDD 40 X 4 - 160 | | | | |
| 1. | Stratum (Flot Size. 13 ft. radius) | | | | UPL spp. $\frac{40}{85}$ $x = \frac{160}{425}$ | | | | |
| 2. | | | | | Οι L spp | | | | |
| 3. | | | | | Total 125 (A) 505 (B) | | | | |
| 4. | | | | | Total 125 (A) 585 (B) | | | | |
| 5. | | | | | Provolence Index = P/A = 4.600 | | | | |
| | | | | | Prevalence Index = B/A = 4.680 | | | | |
| 6. | | | | | | | | | |
| 7. | | | | | Undrankatia Vanatatian Indiantana | | | | |
| 8. | | | | | Hydrophytic Vegetation Indicators: | | | | |
| 9. | | | | | Rapid Test for Hydrophytic Vegetation | | | | |
| 10. | | | | | Dominance Test is > 50% | | | | |
| | Total Cover = _ | 0 | _ | | Prevalence Index is ≤ 3.0 * | | | | |
| | | | | | Morphological Adaptations (Explain) * | | | | |
| Herb Stratum (| Plot size: 5 ft. radius) | | | | Problem Hydrophytic Vegetation (Explain) * | | | | |
| 1. | Glycine max | 85 | Υ | NI | | | | | |
| 2. | Poa pratensis | 35 | Υ | FACU | * Indicators of hydric soil and wetland hydrology must be | | | | |
| 3. | Phleum pratense | 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. | | | | | Herb - All herbaceous (non-woody) plants, regardless of size. | | | | |
| 13. | | | | | | | | | |
| 14. | | | | | | | | | |
| 15. | | | | | Woody Vines - All woody vines, regardless of height. | | | | |
| 10. | Total Cover = | 125 | | | | | | | |
| | Total Cover =_ | 120 | | | | | | | |
| Mandy Vina Ct | return (Diet einer 20 ft redice) | | | | | | | | |
| | ratum (Plot size: 30 ft. radius) | | | | | | | | |
| 1. 2. | | | | | | | | | |
| | | | | | Hydrophytic Vogototion Procest? | | | | |
| 3. | | | | | Hydrophytic Vegetation Present? N | | | | |
| 5. | | | | | | | | | |
| 4. | T : 10 | | | | | | | | |
| Dame | Total Cover = | 0 | 1. 1 | . T. C. | | | | | |
| Remarks: | ine sample site is dominated by soybean and | a Kentuck | y bluegras | ss. The fie | ld has been treated with herbicide, but the affected plants are still identifiable. | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Additional Remarks: | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |