## WETLAND DETERMINATION DATA FORM Great Plains Region

| Project/Site:   |  | L3R   |  |  |  |  |   |                 |  | Date:<br>County:   | 09/25/14   |
|---|--|---|--|--|--|--|---|-----------------|--|--|--|
| Applicant:  |  |   |  |  |  |  |   |                 |  |  | Pennington   |
| Investigators   |  |   |  |  |  | Subregion (MLRA or LRR): MLRA 56       |   |                 |  |  | MN   |
| Soil Unit:  | I69A<br>Rise   |   | ool Boliof:  |  | I Classification:  | PEMB                                   |   | Comple Deint    | u 152n44w2 o1  |  |  |
| Landform:<br>Slope (%):   | 0 - 2%   | Loti  | tude: 48.10  |  | cal Relief:<br>Longitude:  |  | 9525  | Datum:          |  | Sample Point:<br>  | u-153n44w3-a1  |
|   |  | nditions on the site typ  |  |  |  |  |   | ✓ Ves           | □ No   | Section:   |  |
|   |  |   |  |  | ai: (ii no, ex   |  | e normal circun   |                 |  | 1  |  |
| Are Vegetation □ Soil □, or Hydrology □significantly disturbed?  Are Vegetation □ Soil □, or Hydrology □aturally problematic? |  |   |  |  |  | Air                                    | e normai circuii<br>☑ Yes                                       | □ No            | esent:   | Township:  | Dir:   |
| SUMMARY C   |  |   | iturally proi  | olematic:  |  |  | <u> </u>  | □ 1 <b>10</b>   |  | Range:   | DII.   |
|   |  |   | No   |  |  |  |   | Hydric Soi      | Is Present?  | Ves  |  |
|   |  |   |  | No   |  |  | Is This Sampling Poir   |                 |  |  | etland? <b>No</b>  |
| Remarks:  |  |   |  | ominated by  | hia bluest   | em and                                 | white clover It   |                 |  |  | e of a hardwood swamp near   |
| rtomanto.   | •  | t NW. The sample poi  |  | •  | •  |  |   |                 | •  | _  | •  |
| HYDROLOG  |  |   | in io iooate   | a iii aii i iii i  | , but the c  | 1100 10 10                             | oatoa on a ongi   | nt noc domi     | nated by ne  | ni nyaropnyuo  | o vogetation.  |
|   |  | antono (Obrada all tha  | t and by Min   |  |  |  |   |                 |  |  |  |
| _   |  | cators (Check all that  | t apply; Mil   | nimum of on  | e primary  | or two s                               | econdary requi  | rea):           | Cocondor "   |  |  |
| <u>Primary:</u><br>□  | <u>:</u>   | Nater   | B11 - Salt   | Crust  |  |  | Secondary:  | B6 - Surface S  | oil Cracks   |  |  |
|   | A2 - High Wat  |   |  |  | B13 - Aqua   |  |   |                 |  |  | Vegetated Concave Surface  |
|   | A3 - Saturatio   |   |  | ☐ C1 - Hydrogen Sulfide Odor ☐   |  |  |   |                 |  |  | e Patterns   |
|   | B1 - Water Ma  |   |  |  | C2 - Dry S   |  |   |                 |  |  | Rhizospheres on Living Roots (tilled)  |
|   | B2 - Sedimen   | •   |  |  | spheres on Living  | Roots (not till                        |   | C8 - Crayfish E |  |  |  |
|   | □ B3 - Drift Deposits □ C4 - Presence of Redu<br>□ B4 - Algal Mat or Crust □ C7 - Thin Muck Surface  |   |  |  |  |  |   |                 | H  | D2 - Geomorp   | n Visible on Aerial Imagery  |
|   | B5 - Iron Depo   |   |  |  | Other (Exp   |  | 400   |                 |  | D5 - FAC-Neut  |  |
|   |  | n Visible on Aerial Imagei  | ry   |  | ( <u>-</u>   | ,                                      |   |                 |  |  | aved Hummocks (LRR F)  |
|   | B9 - Water-St  | ained Leaves  |  |  |  |  |   |                 |  |  |  |
|   |  |   |  |  |  |  |   |                 |  |  |  |
| Field Observ  | vations:   |   |  |  |  |  |   |                 |  |  |  |
| Surface Wate  | er Present?  | Yes   | Depth:   |  | (in.)  |  |   | Wetland F       | łydrology l  | Present?   | N  |
| Water Table   | Present?   | Yes   | Depth:   |  | (in.)  |  |   | Wetland         | iyarology i  | i resent:  |  |
| Saturation Pr   | resent?  | Yes   | Depth:   |  | (in.)  |  |   |                 |  |  |  |
| Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:                    |  |   |  |  |  |  |   |                 |  |  |  |
|   |  |   |  |  |  |  |   |                 |  |  |  |
| Remarks:  | ·  |   |  |  | evious insp  | ections),                              | if available:   |                 |  |  |  |
| Remarks:  | ·  |   |  |  | evious insp  | ections),                              | if available:   |                 |  |  |  |
| Remarks:  | ·  |   |  |  | evious insp  | ections),                              | if available:   |                 |  |  |  |
| SOILS<br>Profile Descri   | No indicator   | s of wetland hydrolog   | y were obs   | erved.   | cator or co  | onfirm th                              | e absence of ir   |                 |  |  |  |
| SOILS<br>Profile Descri   | No indicator   | rs of wetland hydrolog  | y were obs   | erved.   | cator or co  | onfirm th                              | e absence of ir   |                 |  |  |  |
| SOILS<br>Profile Descri   | No indicator   | be to the depth neede   | y were obs   | erved.   | cator or co  | onfirm th                              | e absence of ir<br>ore Lining, M=Matr                           |                 |  |  |  |
| SOILS Profile Descri (Type: C=Concer  | No indicator   | be to the depth neede etion, RM=Reduced Matrix,   | y were observed to docum   | erved.  nent the indiconded Sand Content San | cator or co  | onfirm th<br>tion: PL=P<br>Mottl       | e absence of ir<br>ore Lining, M=Matr                           | rix)            |  |  |  |
| SOILS Profile Descri (Type: C=Concer  | No indicator   | be to the depth neede etion, RM=Reduced Matrix  Matrix  Color (Moist)   | y were observed to documnous CS=Covered  | erved.   | cator or co  | onfirm th                              | e absence of ir<br>ore Lining, M=Matr                           |                 | Texture  |  | Remarks  |
| SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-14  | No indicator iption (Descri  | be to the depth neede etion, RM=Reduced Matrix  Matrix  Color (Moist)  2/1  | y were observed to documnous CS=Covered % 100  | nent the indicated Sand Color (I   | cator or co<br>Grains; Loca<br>Moist)  | onfirm th<br>tion: PL=P<br>Mottl       | e absence of ir<br>ore Lining, M=Matr<br>es<br>Type             | Location        | Texture<br>C   |  | Remarks  |
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| SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-14  | No indicator iption (Descri  | be to the depth neede etion, RM=Reduced Matrix  Matrix  Color (Moist)  2/1  | y were observed to documnous CS=Covered % 100  | nent the indicated Sand Color (I   | cator or co<br>Grains; Loca<br>Moist)  | onfirm th<br>tion: PL=P<br>Mottl       | e absence of ir<br>ore Lining, M=Matr<br>es<br>Type             | Location        | Texture<br>C<br>C  |  | Remarks  |
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| SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-14 14-20  | No indicator iption (Descri  | be to the depth neede etion, RM=Reduced Matrix.  Matrix Color (Moist)  2/1 4/1  | y were observed to docume CS=Covered 100 95  | nent the indicated Sand Color (I   | Cator or co<br>Grains; Loca<br>Moist)  | Mottl %                                | e absence of ir<br>ore Lining, M=Matr<br>es<br>Type             | Location        | Texture<br>C<br>C  |  | Remarks  |
| SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-14 14-20  | No indicator iption (Descri ntration, D=Deple  Hue_10YR Hue_10YR   | be to the depth neede etion, RM=Reduced Matrix.  Matrix Color (Moist)  2/1 4/1  | y were observed to docume CS=Covered 100 95  | coated Sand (Coated Sand (Coated Sand (Coated Sand (Color (In the Lagrange Color (In the La | Cator or co<br>Grains; Loca<br>Moist)  | Mottl %                                | e absence of inore Lining, M=Matrees  Type  C                   | Location        | C  | for Problematic  |  |
| SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-14 14-20  | No indicator iption (Descri ntration, D=Deple  Hue_10YR Hue_10YR   | be to the depth neede etion, RM=Reduced Matrix.  Matrix Color (Moist)  2/1 4/1  | y were observed to docume CS=Covered % 100 95  | coated Sand Color (I Hue_10YR icators are r  | cator or co<br>Grains; Loca<br>Moist)  5/6  not presented a contract of the contract | Mottl %                                | e absence of inore Lining, M=Matrees  Type  C                   | Location        | C<br>C   | or Problematic   |  |
| SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-14 14-20  NRCS Hydr   | No indicator iption (Descrintration, D=Depleted Price Soil Field  A1- Histosol A2 - Histic Ep  | be to the depth neederion, RM=Reduced Matrix  Matrix  Color (Moist)  2/1  4/1  Indicators (check  | y were observed to docume CS=Covered % 100 95  | coated Sand Coated Sand Coated Sand Color (Included Sand Color (Included Sand Sand Sand Sand Sand Sand Sand San  | Cator or co<br>Grains; Loca<br>Moist)  5/6  not presented ox Matrix  | monfirm the tion: PL=P  Mottl % 5  t): | e absence of inore Lining, M=Matrees  Type  C                   | Location        | Indicators f A9 - 1 cm M A16 - Coast   | luck (LRR I, J)<br>Prairie Redox (   | c Soils <sup>1</sup>   |
| SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-14 14-20  NRCS Hydr   | Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His  | be to the depth neederion, RM=Reduced Matrix  Matrix  Color (Moist)  2/1  4/1  Indicators (check  | y were observed to docume CS=Covered % 100 95 here if ind  | color (I  Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy M   | Cator or co<br>Grains; Loca<br>Moist)  5/6  not presented ox Matrix Mucky Miner  | mottl  Mottl  5  t):                   | e absence of inore Lining, M=Matrees  Type  C                   | Location        | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si  | luck (LRR I, J)<br>Prairie Redox (<br>urface (LRR G)   | Soils <sup>1</sup><br>(LRR F, G, H)  |
| Depth (In.) 0-14 14-20  NRCS Hydr   | iption (Descrintration, D=Depletentration, D=Deplet | be to the depth neederion, RM=Reduced Matrix  Matrix  Color (Moist)  2/1  4/1  Indicators (check  | y were observed to docume CS=Covered % 100 95 here if ind  | color (I  Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy M F2 - Loamy G  | Cator or co<br>Grains; Loca<br>Moist)  5/6  not presented ox Matrix Mucky Miner Bleyed Matrix  | mottl  Mottl  5  t):                   | e absence of inore Lining, M=Matrees  Type  C                   | Location        | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F   | luck (LRR I, J)<br>Prairie Redox (<br>urface (LRR G)<br>Plains Depressio   | c Soils <sup>1</sup>   |
| Depth (In.) 0-14 14-20  NRCS Hydr   | Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified  | be to the depth neederion, RM=Reduced Matrix,  Matrix  Color (Moist)  2/1  4/1  Indicators (check ipedon stic in Sulfide Layers (LRR F)   | y were observed to docume CS=Covered % 100 95 here if ind  | color (I  Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy M F2 - Loamy G F3 - Depleted  | Cator or co<br>Grains; Loca<br>Moist)  5/6  oot presented with the content of the conte | mottl  Mottl  %  5  t):                | e absence of inore Lining, M=Matrees  Type  C                   | Location        | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduce  | luck (LRR I, J)<br>Prairie Redox (<br>urface (LRR G)<br>Plains Depressio<br>ced Vertic                                     | Soils <sup>1</sup><br>(LRR F, G, H)  |
| Depth (In.) 0-14 14-20  NRCS Hydr   | iption (Descrintration, D=Depletentration, D=Deplet | be to the depth neederion, RM=Reduced Matrix  Matrix  Color (Moist)  2/1  4/1  Indicators (check ipedonetic in Sulfide Layers (LRR F) ck (LRR FGH)  | y were observed to docume CS=Covered % 100 95  | color (I  Color (I  Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy M F2 - Loamy G F3 - Depleted F6 - Redox D   | Cator or co<br>Grains; Loca<br>Moist)  5/6  not presented with the content of the conte | mottl  Mottl  %  5  t):                | e absence of inore Lining, M=Matrees  Type  C                   | 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 Depression Plated Vertic Parent Material                             | E Soils <sup>1</sup> (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)          |
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| Depth (In.) 0-14 14-20  NRCS Hydr   | Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mue A11 - Deplete A12 - Thick D S1 - Sandy Me S2 - 2.5 cm Me S3 - 5 cm Mue  | be to the depth neederion, RM=Reduced Matrix  Matrix  Color (Moist)  2/1  4/1  Indicators (check  ipedonetic in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral lucky Peat or Peat (LRR 6) cky Peat or Peat (LRR 6) | y were observed obser | color (I  Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy M F2 - Loamy M F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D  | Cator or co<br>Grains; Loca<br>Moist)  5/6  not presented with the content of the conte | Mottl % 5 t):                          | e absence of inore Lining, M=Matrees  Type  C                   | Location        | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain | luck (LRR I, J) Prairie Redox ( urface (LRR G) Plains Depression ced Vertic Parent Material Shallow Dark Seain in Remarks) | E Soils <sup>1</sup> (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)          |
| SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-14 14-20  NRCS Hydr   | Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Deplete A12 - Thick D S1 - Sandy Mi S2 - 2.5 cm M   | be to the depth neederion, RM=Reduced Matrix  Matrix  Color (Moist)  2/1  4/1  Indicators (check  ipedonetic in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral lucky Peat or Peat (LRR 6) cky Peat or Peat (LRR 6) | y were observed sed to docume CS=Covered sed to docume CS=Covered sed to docume Sed to | color (I  Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy M F2 - Loamy M F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D  | Cator or co<br>Grains; Loca<br>Moist)  5/6  not presented with the content of the conte | Mottl % 5 t):                          | e absence of inore Lining, M=Matrees  Type  C                   | Location        | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain | luck (LRR I, J) Prairie Redox ( urface (LRR G) Plains Depression ced Vertic Parent Material Shallow Dark S ain in Remarks) | CE Soils <sup>1</sup> CLRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface |
| SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-14 14-20  NRCS Hydr   | Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Muc S4 - Sandy Gl  | be to the depth neederion, RM=Reduced Matrix  Matrix  Color (Moist)  2/1  4/1  Indicators (check  ipedonetic in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral lucky Peat or Peat (LRR 6) cky Peat or Peat (LRR 6) | y were observed sed to docume CS=Covered sed to docume CS=Covered sed to docume Sed to | color (I  Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F2 - Loamy C F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D F16 - High Pla  | Moist)  5/6  Stains; Local  Moist)  5/6  ot present  edox  Matrix  Mucky Miner  Bleyed Matrix  Matrix  ark Surface  Dark Surface  epressions  ains Depres  | Mottl % 5 t):                          | e absence of inore Lining, M=Matrees  Type  C                   | Location        | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain | luck (LRR I, J) Prairie Redox ( urface (LRR G) Plains Depression ced Vertic Parent Material Shallow Dark Seain in Remarks) | CE Soils <sup>1</sup> CLRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface |
| Depth (In.) 0-14 14-20  NRCS Hydr   | Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Muc S4 - Sandy Gl  | be to the depth neederion, RM=Reduced Matrix  Matrix  Color (Moist)  2/1  4/1  Indicators (check  ipedonetic in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral lucky Peat or Peat (LRR 6) cky Peat or Peat (LRR 6) | y were observed sed to docume CS=Covered sed to docume CS=Covered sed to docume Sed to | color (I  Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy M F2 - Loamy M F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D  | Moist)  5/6  Stains; Local  Moist)  5/6  ot present  edox  Matrix  Mucky Miner  Bleyed Matrix  Matrix  ark Surface  Dark Surface  epressions  ains Depres  | Mottl % 5 t):                          | e absence of inore Lining, M=Matrees  Type  C  RA 72, 73 of LRF | Location        | Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain | luck (LRR I, J) Prairie Redox ( urface (LRR G) Plains Depression ced Vertic Parent Material Shallow Dark Seain in Remarks) | CE Soils <sup>1</sup> CLRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface |

## WETLAND DETERMINATION DATA FORM

**Great Plains Region** 

| Project/Site:   | L3R  |                 |                 |                  | Sample Point: u-153n44w3-a1  |  |  |  |  |
|-----------------|--|-----------------|-----------------|------------------|--|--|--|--|--|
| -               |  |                 |                 |                  | •  |  |  |  |  |
| VEGETATION      |  | re non-native   | species.)       |                  |  |  |  |  |  |
| Tree Stratum (  | (Plot size: 30 ft. radius) Species Name    | % Cover         | <u>Dominant</u> | Ind.Status       | Dominance Test Worksheet   |  |  |  |  |
| 1.              | <u>Species Ivaline</u>                     | <u>70 00vci</u> | Dominant        | <u>ma.otatas</u> |  |  |  |  |  |
| 2.              |  |                 |                 |                  | Number of Dominant Species that are OBL, FACW, or FAC: 0 (A)   |  |  |  |  |
| 3.              |  |                 |                 |                  |  |  |  |  |  |
| 4.              |  |                 |                 |                  | Total Number of Dominant Species Across All Strata:(B)   |  |  |  |  |
| 5.              |  |                 |                 |                  |  |  |  |  |  |
| 6.              |  |                 |                 |                  | Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)  |  |  |  |  |
| 7.              |  |                 |                 |                  |  |  |  |  |  |
| 8.              |  |                 |                 |                  | Prevalence Index Worksheet   |  |  |  |  |
| 9.              |  |                 |                 |                  | Total % Cover of: Multiply by:   |  |  |  |  |
| 10.             | T 1 1 0                                    |                 |                 |                  | OBL spp. 0   |  |  |  |  |
|                 | Total Cover =                              | = 0             |                 |                  | FACW spp. 0  |  |  |  |  |
| 0 - 1 - 10 - 10 | 0(1) (D) (D) (1) (1) (1) (1) (1) (1) (1)   |                 |                 |                  | FAC spp. 5 X 3 = 15  |  |  |  |  |
|                 | Stratum (Plot size: 15 ft. radius)         |                 |                 |                  | FACU spp. 100  |  |  |  |  |
| 1.<br>2.        |  |                 |                 |                  | $\bigcup_{i=1}^{n} \bigcup_{j=1}^{n} \bigcup_{i=1}^{n} \bigcup_{j=1}^{n} \bigcup_{j=1}^{n} \bigcup_{i=1}^{n} \bigcup_{j=1}^{n} \bigcup_{j=1}^{n} \bigcup_{i=1}^{n} \bigcup_{j=1}^{n} \bigcup_{i=1}^{n} \bigcup_{j=1}^{n} \bigcup_{j=1}^{n} \bigcup_{i=1}^{n} \bigcup_{j=1}^{n} \bigcup_{j$ |  |  |  |  |
| 3.              |  |                 |                 |                  |  |  |  |  |  |
| 4.              |  |                 |                 |                  | 10tal 100 (A) 410 (D)  |  |  |  |  |
| 5.              |  |                 |                 |                  | Prevalence Index = B/A = 3.952   |  |  |  |  |
| 6.              |  |                 |                 |                  |  |  |  |  |  |
| 7.              |  |                 |                 |                  |  |  |  |  |  |
| 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.              | Andropogon gerardii                        | 50              | Υ               | FACU             |  |  |  |  |  |
| 2.              | Trifolium repens                           | 25              | Y               | FACU             |  |  |  |  |  |
| 3.              | Poa pratensis                              | 15              | N               | FACU             |  |  |  |  |  |
| 4.              | Apocynum cannabinum                        | 5               | N               | FAC              | Definitions of Vegetation Strata:  |  |  |  |  |
| 5.              | Cirsium arvense                            | 5               | N               | FACU             | <del>- </del>  |  |  |  |  |
| 6               | Ambrosia artemisiifolia                    | 5               | N               | FACU             |  |  |  |  |  |
| 7.              |  |                 |                 |                  | height (DBH), regardless of height.  |  |  |  |  |
| 8.              |  |                 |                 |                  | De la companya de la  |  |  |  |  |
| 9.              |  |                 |                 |                  | Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.  |  |  |  |  |
| 10.             |  |                 |                 |                  |  |  |  |  |  |
| 11.             |  |                 |                 |                  | Herb - All herbaceous (non-woody) plants, regardless of size.  |  |  |  |  |
| 12.             |  |                 |                 |                  | Herb - All herbaceous (horr-woody) plants, regardless of size.   |  |  |  |  |
| 13.             |  |                 |                 |                  | _  |  |  |  |  |
| 14.<br>15.      |  |                 |                 |                  | Woody Vines - All woody vines, regardless of height.   |  |  |  |  |
| 15.             | Total Cover =                              | 105             |                 |                  | VVOOdy Villes - 7 iii Woody Villes, Togardious of Height.  |  |  |  |  |
|                 | Total Cover =                              | 105             | _               |                  |  |  |  |  |  |
| Woody Vine St   | ratum (Plot size: 30 ft. radius)           |                 |                 |                  |  |  |  |  |  |
| 1.              | ratum (Flot size. 30 ft. radius)           |                 |                 |                  |  |  |  |  |  |
| 2.              |  |                 |                 |                  |  |  |  |  |  |
| 3.              |  |                 |                 |                  | Hydrophytic Vegetation Present? N  |  |  |  |  |
| 5.              |  |                 |                 |                  |  |  |  |  |  |
| 4.              |  |                 |                 |                  |  |  |  |  |  |
|                 | Total Cover =                              | = 0             |                 |                  |  |  |  |  |  |
| Remarks:        | The upland sample point is dominated by bi | g bluestem      | and white       | clover.          |  |  |  |  |  |
|                 | •  |                 |                 |                  |  |  |  |  |  |
|                 |  |                 |                 |                  |  |  |  |  |  |
| Additional R    | Remarks:                                   |                 |                 |                  |  |  |  |  |  |
|                 |  |                 |                 |                  |  |  |  |  |  |
|                 |  |                 |                 |                  |  |  |  |  |  |
|                 |  |                 |                 |                  |  |  |  |  |  |
|                 |  |                 |                 |                  |  |  |  |  |  |