## WETLAND DETERMINATION DATA FORM - Alaska Region

| Project/Site: Susitna-Watana Hydroelectric Project                    | E                     | Borough/City:                 | Matanuska-Su              | usitna Boro                 | ugh                | Sampling Date:  | 24-Jun-12    |
|---|-----------------------|-------------------------------|---------------------------|-----------------------------|--------------------|-----------------|--------------|
| Applicant/Owner: Alaska Energy Authority                              |                       |                               |                           |                             | Samplin            | g Point:        | SW12_T07_06  |
| Investigator(s): JGK  |                       | Landform (hill                | side, terrace, hi         | ummocks e                   | etc.):             | Terrace         |              |
| Local relief (concave, convex, none): hummocky                        |                       | Slope:                        | %/ <u>1.0</u> °           | Elevation                   | 1: 477             |                 |              |
| Subregion : Interior Alaska Mountains                                 | Lat.:                 | 62.83295810                   | 18 Loi                    | ng.: -148.                  | 2619057            | 703             | Datum: NAD83 |
| Soil Map Unit Name:   |                       |                               |                           | NW                          | l classif          | ication: Uplar  | ıd           |
|   | iificantl<br>urally p | ly disturbed?<br>problematic? | Are "Norma<br>(If needed, | al Circumst<br>, explain an | tances"<br>y answe | ers in Remarks. |              |
| Hydrophytic Vegetation Present? Yes $\bigcirc$ No $oldsymbol{igodol}$ |                       |                               | the Comula                | d Ave e                     |                    |                 |              |
| Hydric Soil Present? Yes $\bigcirc$ No $oldsymbol{igodol}$            |                       |                               | the Sample                |                             | Ve                 | s 🔿 No 🖲        |              |
| Wetland Hydrology Present? Yes $oldsymbol{O}$ No $igodoldsymbol{O}$   |                       | W                             | thin a Wetla              | and?                        | Te:                | S U NU C        |              |
| Remarks:  |                       |                               |                           |                             |                    |                 |              |
|   |                       |                               |                           |                             |                    |                 |              |
|   |                       |                               |                           |                             |                    |                 |              |

## VEGETATION - Use scientific names of plants. List all species in the plot.

|     |                               |                          | ۵hc     | olute   | Dominant        | Indicator | Dominance Test worksheet:  |
|-----|-------------------------------|--------------------------|---------|---------|-----------------|-----------|--|
| Tre | e Stratum                     |                          |         | Cover   | Species?        | Status    | Number of Dominant Species<br>That are OBL, FACW, or FAC: 2 (A)    |
| 1.  | Picea glauca                  |                          | _       | 20      | $\checkmark$    | FACU      |  |
| 2.  |                               |                          |         | 0       |                 |           | Total Number of Dominant<br>Species Across All Strata: 4 (B)       |
| 3.  |                               |                          |         | 0       |                 |           | Percent of dominant Species  |
| 4.  |                               |                          |         | 0       |                 |           | That Are OBL, FACW, or FAC: 50.0% (A/B)                            |
| 5.  |                               |                          | _       | 0       |                 |           | Prevalence Index worksheet:  |
|     |                               | Total Cover              |         | 20      |                 |           | Total % Cover of: Multiply by:                                     |
| Sap | ling/Shrub Stratum            | 50% of Total Cover:      | 10      | 20% (   | of Total Cover: | 4         | OBL Species x 1 =  |
| 1.  | Salix commutata               |                          |         | 5       | $\checkmark$    | FAC       | FACW Species 2 x 2 = 4   |
| 2.  |                               |                          |         | 0       |                 |           | FAC Species65x 3 =195  |
| 3.  |                               |                          |         | 0       |                 |           | FACU Species <u>50</u> x 4 = <u>200</u>                            |
| 4.  |                               |                          | -       | 0       |                 |           | UPL Species 0 x 5 = 0  |
| _   |                               |                          |         | 0       |                 |           | Column Totals: 117 (A) 399 (B)                                     |
|     |                               |                          |         | 0       |                 |           |  |
|     |                               |                          |         | 0       |                 |           | Prevalence Index = B/A = <u>3.410</u>                              |
|     |                               |                          |         | 0       |                 |           | Hydrophytic Vegetation Indicators:                                 |
|     |                               |                          |         | 0       |                 |           | Dominance Test is > 50%  |
|     |                               |                          |         | 0       |                 |           | Prevalence Index is ≤3.0   |
|     |                               | Total Cover              | : _     | 5       |                 |           | Morphological Adaptations <sup>1</sup> (Provide supporting data in |
| Her | b Stratum                     | 50% of Total Cover:      | 2.5     | _ 20%   |                 | 1         | Remarks or on a separate sheet)                                    |
| 1.  | Calamagrostis canadensis      |                          | _       | 45      | $\checkmark$    | FAC       | Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)          |
| 2.  | Cornus canadensis             |                          | _       | 10      |                 | FACU      | <sup>1</sup> Indicators of hydric soil and wetland hydrology must  |
| 3.  | Mertensia paniculata          |                          | _       | 20      | $\checkmark$    | FACU      | be present, unless disturbed or problematic.                       |
| 4.  | Equisetum sylvaticum          |                          | _       | 15      |                 | FAC       | Plot size (radius, or length x width) 10m                          |
| 5.  | Petasites frigidus            |                          | _       | 2       |                 | FACW      |  |
| 6.  |                               |                          | _       | 0       |                 |           | Where applicable)  |
|     |                               |                          |         | 0       |                 |           | % Bare Ground  |
| 8.  |                               |                          | _       | 0       |                 |           | Total Cover of Bryophytes 75                                       |
|     |                               |                          |         | 0       |                 |           |  |
|     |                               |                          |         | 0       |                 |           | Hydrophytic  |
|     |                               | Total Cover              |         | 92      |                 |           | Vegetation   |
|     |                               | 50% of Total Cover:      | 46      | 20% 0   | of Total Cover: | 18.4      | Present? Yes No 💿  |
| Dom | arks: tr rocaci botnoo & nico | ala (caplinge) calcom va | ovit ru | bare le | daro triontilio | ribamo    |  |

Remarks: tr rosaci betneo & picgla (saplings) salcom vacvit rubarc ledgro trientilis ribame

| 0-3       100       Price Organics       w/ 0% roots         3-4       100       Price Organics       w/ 0% roots         4-15       5YR       4/1       60       10YR       3/6       40       C       PL       Sit Leam       send layer at 8-9         4-15       5YR       4/1       60       10YR       3/6       40       C       PL       Sit Leam       send layer at 8-9  |   |  |                     |                    |                             | Red   |  | 1                             | 2                  | -  | Banadaa  |
|--|---|--|---------------------|--------------------|-----------------------------|---|--|-------------------------------|--------------------|--|--|
| 3.4       100       IVR       3/6       40       C       PL       Sit Loom       sand layer at 8-9         4-15       5YR       4/1       60       IVR       3/6       40       C       PL       Sit Loom       sand layer at 8-9         4"Type: C-Concentration. D=Depletion. RM=Reduced Matrix <sup>2</sup> Location: PL=Pore Lining, RC=Root Channel. M=Matrix       Histo Explored in King (A1)       Alaska Cleved Without Hue SY or Redder         Histo: Explored or Histel (A1)       Alaska Apries saver (TA)       Undeftying layer       Undeftying layer         Histo: Explored or Histel (A1)       Alaska Redox (Wth 2.5Y Hue       Other (Explain in Remarks)       Other (Explain in Remarks)         Thick Dark Surface (A12)       Alaska Redox (Wth 2.5Y Hue       Other (Explain in Remarks)       * Give details of color change in Remarks         Saticitive Layer (f) present):       Type: ice       Depth (inches):       * Give details of color change in Remarks         Saticitive Layer (Matrix (A1)       * Give details of color change in Remarks       * Give details of color change in Remarks         Saticitive Karer (A1)       * Inundation Visible on Aerial Imagery (87)       Pareset Vise (89)       Pareset Vise (89)         Type: ice       Saturation (A3)       Mart Deposits (815)       Presence of Reduced Iron (C4)         Saturation (A3)       Inundation Visible on Aer  | (inches)  | Color (mo  | oist)               |                    | Color (m                    | oist)   | %  | Type <sup>1</sup>             | 2                  | Texture  | Remarks  |
| 4-15       5YR       4/1       60       10YR       3/6       40       C       PL       Sit Loam       panel layer at 8-9         **       Type: C-Concentration. D=Depletion. RM-Reduced Matrix *       Location: PL=Pore Linling. RC=Root Channel. M=Matrix       Head         **       Type: C-Concentration. D=Depletion. RM-Reduced Matrix *       Location: PL=Pore Linling. RC=Root Channel. M=Matrix         **       Histosi of riskel (A1)       Alaska Color Change (TA4)       Alaska Gleyed Without Hue SY or Redder         **       Histosi of riskel (A2)       Alaska Redox With SY Hue       Other (Explain in Remarks)         **       Trick Dark Surface (A12)       *       One indicator of hydrophytic vegetation, one primary indicator of wetsand hydrology, and an appropriate landscape position must be present         Alaska Gleyed Vares (A15)       *       Give details of color change in Remarks         **       Eastrichtve Layer (if present):       *       Yes:       No ®         **       Eastrichtve Layer (if present):       *       Secondary Indicators (two or more are resoulted)         **       *       Inundation Visible on Aerial Imagery (if?)       *       Oracle addecad from (ch)         **       *       Inundation Visible on Aerial Imagery (if?)       *       Oracle addecad from (ch)         **       High Water Table (A2)  |   |  |                     |                    |                             |   |  |                               |                    |  |  |
|  |   |  |                     |                    |                             |   |  |                               |                    |  |  |
| Hydric Soil Indicators:       Indicators for Problematic Hydric Soils. <sup>3</sup>  | 4-15  | 5YR  | 4/1                 | 60                 | 10YR                        | 3/6   | 40   | C                             | PL                 | Silt Loam  | sand layer at 8-9  |
| Hydric Soil Indicators:       Indicators for Problematic Hydric Soils. <sup>3</sup>  |   |  |                     |                    |                             |   |  |                               |                    |  |  |
| Hydric Soil Indicators:       Indicators for Problematic Hydric Soils. <sup>3</sup>  |   |  |                     |                    |                             |   |  |                               |                    |  |  |
| Hydric Soil Indicators:       Indicators for Problematic Hydric Soils. <sup>3</sup> Histosol or Histel (A1)       Alaska Color Change (TA4)       Undefring Layer         Hydrogen Sulfide (A4)       Alaska Redox With 2.5Y Hue       Other (Explain in Remarks)         Alaska Gleyed (A13)       Alaska Redox With 2.5Y Hue       Other (Explain in Remarks)         Alaska Gleyed (A13) <sup>3</sup> One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology,<br>and an appropriate landscape position must be present         Alaska Gleyed Pores (A15)       *Give details of color change in Remarks         estrictive Layer (If present):       Type: ice         Depth (inches): 15       Hydric Soil Present?         YDROLOGY       Secondary Indicators (any one is sufficient)         Suface Water (A1)       Inundation Visible on Aerial Imagery (B7)         Water Stained Leaves (B9)       Water Stained Leaves (B9)         Suface Water (A1)       Inundation Visible on Aerial Imagery (B7)         High Water Table (A2)       Sparsely Vegetated Concerve Surface (B8)         Saturation (A3)       Hydrogen Suffice Odor (C1)         Sediment Deposits (B1)       Hydrogen Suffice (D4)         Thron Deposits (B3)       Other (Explain in Remarks)         Hydrogens (B6)       Saturation (C2)         Sufface States (B6)       Explain in Remarks) <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> |   |  |                     |                    |                             |   |  |                               |                    |  |  |
| Hydric Soil Indicators:       Indicators for Problematic Hydric Soils. <sup>3</sup>  |   |  |                     |                    |                             |   |  |                               |                    |  |  |
| Hydric Soil Indicators:       Indicators for Problematic Hydric Soils. <sup>2</sup>  |   |  |                     |                    |                             |   |  |                               |                    |  |  |
| I Histosol or Histel (A1)       Alaska Color Change (TA4) <sup>4</sup> Alaska Gleyed Without Hue SY or Redder UnderNing Layer         I Histosol or Histel (A1)       Alaska Alpine swelse (TA5)       UnderNing Layer         I Hydrogen Sulfide (A4)       Alaska Gleyed (A13)       Alaska Gleyed (A13)         Alaska Gleyed Pores (A14)       Alaska Gleyed pores (A15) <sup>3</sup> One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, and an appropriate landscape position must be present         Alaska Gleyed Pores (A15) <sup>4</sup> Give details of color change in Remarks         estrictive Layer (If present):       Type: ice         Pupting Landscape       Hydric Soil Present?         YPE       ice         Bepth (inches): 15       Hydric Soil Present?         Yemary Indicators (any one is sufficient)       Inundation Visible on Aerial Imagery (B7)         I hydrice Water (A1)       Inundation Visible on Aerial Imagery (B7)         I hydrogen Suffice Odore (C1)       Saturation (A3)         Hydrogen Suffice Odor (C1)       Saturation (A3)         Hydrogen Suffice Odor (C1)       Saturation (C2)         Sectionet Deposits (B15)       Presence of Reduced Iron (C4)         Water Marks (B1)       Hydrogen Suffice Odor (C1)       Sati Deposits (C1)         Setimet Deposits (B3)       Other (Explain in Remarks)       Geomorphic Position (C2)   | Type: C=Concer  | ntration. D  | =Depletion.         | RM=Redu            | ced Matrix                  | <sup>2</sup> Location:  | PL=Por   | e Lining. R                   | C=Root Cha         | annel. M=Matrix  |  |
| I Histosol or Histel (A1)       Alaska Color Change (TA4) <sup>4</sup> Alaska Gleyed Without Hue SY or Redder<br>Underlying Layer         I Histosol or Histel (A1)       Alaska Alpine swales (TA5)       Underlying Layer         I Hydrogen Suffice (A12)       Alaska Alpine swales (TA5)       Other (Explain in Remarks)         Alaska Gleyed (A13)       al aska redox With 2.5Y Hue       Other (Explain in Remarks)         Alaska Gleyed (A13)       al an an appropriate landscape position must be present         Alaska Gleyed Pores (A14)       *Give details of color change in Remarks         estrictive Layer (if present):       Type: ice         Depth (inches): 15       Hydric Soil Present?         YPROLOGY   | lydric Soil Indi  | cators:  |                     |                    | Indicat                     | ors for Pro   | blemati  | : Hydric S                    | oils: <sup>3</sup> |  |  |
| Indust Explosition (22)       Indust Anjone Studies (15)         Hydrogen Studied (A1)       Alaska Gleyed (A13)         Alaska Gleyed (A13) <sup>3</sup> One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, and an appropriate landscape position must be present         Alaska Gleyed (A13) <sup>4</sup> Give details of color change in Remarks         estrictive Layer (if present):       Type: ice         Depth (inches): 15       Hydric Soil Present? Yes No          emarks:       Scondary Indicators:         YDROLOGY       Secondary Indicators:         Yetimary Indicators:       Yetimary Indicators:         finanzy Indicators:       Secondary Indicators:         finanzy Indicators:       Secondary Indicators:         finanzy Indicators:       Inundation Visible on Aerial Imagery (B7)         Drainage Patterns (B10)       Inundation Visible on Aerial Imagery (B7)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)         Sati Deposits (C1)       Sati Deposits (C5)         Sediment Deposits (B2)       Dry-Season Water Table (C2)         Startace Water (B4)       Shallow Aquitard (D3)         Iron Deposits (B3)       Other (Explain in Remarks)         Geomorphic Relief (D4)       FAC-neutral Test (D5)         Iron Deposits (B5)       Depth (inches);  | _   |  |                     |                    | Alas                        | a Color Cha   | ange (TA   | 4<br>1)                       |                    |  | Hue 5Y or Redder   |
| Indigen Juliae (w)       □   | Histic Epipedo  | on (A2)  |                     |                    | Alas                        | ka Alpine sv  | ales (TA   | 5)                            | _                  |  |  |
| <ul> <li>Alaska Gleved (A13)         <ul> <li>Alaska Gleved (A13)</li> <li>Alaska Redox (A14)</li> <li>Alaska Gleved Pores (A15)</li> <li>Give details of color change in Remarks</li> </ul> </li> <li>rype: ice         <ul> <li>Depth (inches): 15</li> </ul> </li> <li>Pype COGY</li> <li>Vertand Hydrology Indicators:         <ul> <li>Primary Indicator (B1)</li> <li>Inundation Visible on Aerial Imagery (B7)</li> <li>Drainage Patterns (B10)</li> <li>Govidazed States (B9)</li> <li>Secondary Indicators (B10)</li> <li>Byrace Water (A1)</li> <li>Inundation Visible on Aerial Imagery (B7)</li> <li>Drainage Patterns (B10)</li> <li>Hydroge Subject (B1)</li> <li>Geomorphic Positis (B1)</li> <li>Hydragen Sufficient)</li> <li>Secondary Indicators (C4)</li> <li>Secondary Indicators (B1)</li> <li>Hydrage Vater (A1)</li> <li>Inundation Visible on Aerial Imagery (B7)</li> <li>Drainage Patterns (B10)</li> <li>Hydrogen Suffice dor (C1)</li> <li>Saturation (A3)</li> <li>Hydragen Suffice dor (C1)</li> <li>Saturation (C3)</li> <li>Other (Explain in Remarks)</li> <li>Geomorphic Positis (C5)</li> <li>Stunted or Stressed Plants (D1)</li> <li>Other (Explain in Remarks)</li> <li>Geomorphic Position (D2)</li> <li>Microtoparaphic Relief (D4)</li> <li>Surface Staturation (R4)</li> <li>Depth (inches):</li> <li>Sutration Present? Yes No Popth (inches):</li> <li>Surface Staturation Present?</li> <li>No Popth (inches):</li> <li>Depth (inches): 5</li> </ul> </li> </ul>                     | Hydrogen Sul  | fide (A4)  |                     |                    | Alas                        | ka Redox W  | ith 2.5Y H   | lue                           | L                  | Other (Explain in Rema   | rks)   |
| Alaska Gleyket (A13)       and an appropriate landscape position must be present         Alaska Redex (A14)       *Give details of color change in Remarks         Alaska Redex (A14)       *Give details of color change in Remarks         testrictive Layer (If present):       Type: ice         Depth (Inches): 15       Hydric Soil Present? Yes No ●         termarks:       YUROLOGY         Wetland Hydrology Indicators:       Hydric Soil Present? Yes No ●         Pimary Indicators (anv one is sufficient)       w////////////////////////////////////   | Thick Dark Su   | urface (A12  | .)                  |                    | 3 One ir                    | dicator of k  | dronhvi  | ic voqetati                   | n one priv         | many indicator of wetland  | hidrology  |
| Alaska Redox (A14)       4 Give details of color change in Remarks         Alaska Gleyed Pores (A15)       4 Give details of color change in Remarks         testrictive Layer (if present):       Type: ice         Depth (inches): 15       Hydric Soil Present? Yes         WPDROLOGY         Wetland Hydrology Indicators:         Primary Indicators (anv one is sufficient)         Image: Primary Indicators (anv one is sufficient)         Image: Primary Indicators (anv one is sufficient)         Image: Primary Indicators (A1)         Image: Primary Indicators (A2)         Sparsely Vegetated Concave Surface (B8)         Image: Primary Indicators (A2)         Sparsely Vegetated Concave Surface (B8)         Image: Primary Indicators (B1)         Primary Indicators (B1)         Image: Primary Indicators (B2)         Image: Primary Indicators (B2)         Image: Primary Indicator (B1)         Image: Primary Indicators (B2)         Image   |   |  |                     |                    |                             |   |  |                               |                    |  | nyarology,   |
| A kask deged Poles (A15)         testrictive Layer (if present):         Type: ice         Depth (inches): 15         termarks:         WDROLOGY         Wetland Hydrology Indicators:         Primary Indicators (any one is sufficient)         Surface Water (A1)         Inundation Visible on Aerial Imagery (B7)         Drainage Patterns (B10)         Water Table (A2)         Sparsely Vegetated Concave Surface (B8)         Oxidized Rhizospheres along Living Roots (C3)         Hydrogen Sulfide Odor (C1)         Saturation (A3)         Hydrogen Sulfide Odor (C1)         Saturation (A3)         Other (Explain in Remarks)         Other (Explain in Remarks)         Geomorphic Positin (D2)         Algal Mat or Crust (B4)         Tron Deposits (B5)         Iron Deposits (B5)         Sufface Water Present?         Yes       No           Depth (inches):         Water Table Present?       Yes         No         Depth (inches):         Saturation Present?       Yes       No   |   | • •  |                     |                    |                             |   |  | •                             | •                  |  |  |
| Type: ice       Depth (inches): 15         Hydric Soil Present?       Yes         No       Image: Secondary Indicators         Wetmarks:       Secondary Indicators (two or more are required).         Image: Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)         Image: Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)         Surface Water (A1)       Sparsely Vegetated Concave Surface (B8)         Sufface Water Table (A2)       Sparsely Vegetated Concave Surface (B8)         Saturation (A3)       Mari Deposits (B15)         Seconder Indicators (B2)       Dry-Season Water Table (C2)         Sturface Biol       Other (Explain in Remarks)         Infor Deposits (B5)       Other (Explain in Remarks)         Infor Deposits (B5)       Shallow Aquitard (D3)         Infor Deposits (B5)       Depth (inches):         Surface Water Present?       Yes       No         Surface Water Present?       Yes       No         Saturation Present?       Yes       No       Depth (inches):         Surface Water Present?       Yes       No       Depth (inches):         Surface Water Present?       Yes       No       Depth (inches):         Surface Water Present?       Yes       No       Depth (inches):  | Alaska Gleyed   | l Pores (A1  | 5)                  |                    |                             |   | Of Chang   |                               | <u> </u>           |  |  |
| Depth (inches): 15         Remarks:         INDECLOGY         Netland Hydrology Indicators:         Primary. Indicators (any one is sufficient)         Image: Indicators (any one is sufficient)  | estrictive Layer (i   | if present):   |                     |                    |                             |   |  |                               |                    |  | ~ ~ ~  |
| IVDROLOGY         Wetland Hydrology Indicators:         Primary Indicators (any one is sufficient)         By Sufface Water (A1)         Inundation Visible on Aerial Imagery (B7)         By Water Stained Leaves (B9)         Sufface Water (A1)         By Water Stained Leaves (B9)         By Water Stained Leaves (B10)         High Water Table (A2)         Sparsely Vegetated Concave Surface (B8)         Water Marks (B1)         Hydrogen Sulfide Odor (C1)         Salt Deposits (B2)         Dry-Season Water Table (C2)         Stunted or Stressed Plants (D1)         Drift Deposits (B3)         Other (Explain in Remarks)         Geomorphic Position (D2)         Algal Mat or Crust (B4)         Field Observations:         Surface Soil Cracks (B6)         Field Observations:         Surface Soil Cracks (B6)         Surface Soil Cracks (B6)         Field Observations:         Water Table Present?  |   |  |                     |                    |                             |   |  |                               |                    | Hydric Soil Procon   |  |
| Wetland Hydrology Indicators:       Secondary Indicators (two or more are required)         Primary Indicators (any one is sufficient)       Water Stained Leaves (B9)         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Patterns (B10)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized Rhizospheres along Living Roots (C3)         Saturation (A3)       Marl Deposits (B15)       Presence of Reduced Iron (C4)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (C5)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or Stressed Plants (D1)         Drift Deposits (B3)       Other (Explain in Remarks)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       Shallow Aquitard (D3)       Microtopographic Relief (D4)         Surface Soil Cracks (B6)       Depth (inches):       Depth (inches):         Water Table Present?       Yes       No       Depth (inches):         Water Table Present?       Yes       No       Depth (inches):  | Denth (inches)  | · -  |                     |                    |                             |   |  |                               |                    | nyunc son Presen   |  |
| Wetland Hydrology Indicators:       Secondary Indicators (two or more are required)         Primary Indicators (any one is sufficient)       Water Stained Leaves (B9)         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Patterns (B10)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized Rhizospheres along Living Roots (C3)         Water Marks (B1)       Marl Deposits (B15)       Presence of Reduced Iron (C4)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (C5)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or Stressed Plants (D1)         Drift Deposits (B3)       Other (Explain in Remarks)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       Shallow Aquitard (D3)       Microtopographic Relief (D4)         Surface Water Present?       Yes       No       Depth (inches):         Water Table Present?       Yes       No       Depth (inches):         Saturation Present?       Yes       No       Depth (inches):       Wetland Hydrology Present?       Yes       No   | ,   | ): 15  |                     |                    |                             |   |  |                               |                    | nyunc son Fresen   |  |
| Primary Indicators (any one is sufficient)       Water Stained Leaves (B9)         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Patterns (B10)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized Rhizospheres along Living Roots (C3)         Saturation (A3)       Marl Deposits (B15)       Presence of Reduced Iron (C4)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (C5)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or Stressed Plants (D1)         Drift Deposits (B3)       Other (Explain in Remarks)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       Shallow Aquitard (D3)       Microtopographic Relief (D4)         Surface Water Present?       Yes       No       Depth (inches):         Water Table Present?       Yes       No       Depth (inches):         Saturation Present?       Yes       No       Depth (inches):       Wetland Hydrology Present?       Yes       No  | ,   | ): 15  |                     |                    |                             |   |  |                               |                    |  |  |
| Wetland Hydrology Indicators:       Secondary Indicators (two or more are required)         Primary Indicators (any one is sufficient)       Water Stained Leaves (B9)         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Patterns (B10)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized Rhizospheres along Living Roots (C3)         Water Marks (B1)       Marl Deposits (B15)       Presence of Reduced Iron (C4)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (C5)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or Stressed Plants (D1)         Drift Deposits (B3)       Other (Explain in Remarks)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       Shallow Aquitard (D3)       Microtopographic Relief (D4)         Surface Water Present?       Yes       No       Depth (inches):         Water Table Present?       Yes       No       Depth (inches):         Saturation Present?       Yes       No       Depth (inches):       Wetland Hydrology Present?       Yes       No   | ,   | ): 15  |                     |                    |                             |   |  |                               |                    |  |  |
| Wetland Hydrology Indicators:       Secondary Indicators (two or more are required)         Primary Indicators (any one is sufficient)       Water Stained Leaves (B9)         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Patterns (B10)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized Rhizospheres along Living Roots (C3)         Water Marks (B1)       Marl Deposits (B15)       Presence of Reduced Iron (C4)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (C5)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or Stressed Plants (D1)         Drift Deposits (B3)       Other (Explain in Remarks)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       Shallow Aquitard (D3)       Microtopographic Relief (D4)         Surface Water Present?       Yes       No       Depth (inches):         Water Table Present?       Yes       No       Depth (inches):         Saturation Present?       Yes       No       Depth (inches):       Wetland Hydrology Present?       Yes       No   | ,   | ): 15  |                     |                    |                             |   |  |                               |                    |  |  |
| Wetland Hydrology Indicators:       Secondary Indicators (two or more are required)         Primary Indicators (any one is sufficient)       Water Stained Leaves (B9)         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Patterns (B10)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized Rhizospheres along Living Roots (C3)         Water Marks (B1)       Marl Deposits (B15)       Presence of Reduced Iron (C4)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (C5)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or Stressed Plants (D1)         Drift Deposits (B3)       Other (Explain in Remarks)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       Shallow Aquitard (D3)       Microtopographic Relief (D4)         Surface Water Present?       Yes       No       Depth (inches):         Water Table Present?       Yes       No       Depth (inches):         Saturation Present?       Yes       No       Depth (inches):       Wetland Hydrology Present?       Yes       No   | ,   | ): 15  |                     |                    |                             |   |  |                               |                    |  |  |
| Primary Indicators (any one is sufficient)       Water Stained Leaves (B9)         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Patterns (B10)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized Rhizospheres along Living Roots (C3)         Saturation (A3)       Marl Deposits (B15)       Presence of Reduced Iron (C4)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation or Stressed Plants (D1)         Drift Deposits (B3)       Other (Explain in Remarks)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       Shallow Aquitard (D3)       Microtopographic Relief (D4)         Surface Water Present?       Yes       No       Depth (inches):         Water Table Present?       Yes       No       Depth (inches):         Saturation Present?       Yes       No       Depth (inches):         Saturation Present?       Yes       No       Depth (inches):  | ,   | ): 15  |                     |                    |                             |   |  |                               |                    |  |  |
| □       Surface Water (A1)       □       Inundation Visible on Aerial Imagery (B7)       □       Drainage Patterns (B10)         □       High Water Table (A2)       □       Sparsely Vegetated Concave Surface (B8)       ✓       Oxidized Rhizospheres along Living Roots (C3)         □       Saturation (A3)       □       Marl Deposits (B15)       □       Presence of Reduced Iron (C4)         □       Water Marks (B1)       □       Hydrogen Sulfide Odor (C1)       □       Salt Deposits (C5)         □       Sediment Deposits (B2)       □       Dry-Season Water Table (C2)       □       Stunted or Stressed Plants (D1)         □       Drift Deposits (B3)       □       Other (Explain in Remarks)       □       Geomorphic Position (D2)         □       Algal Mat or Crust (B4)       □       ✓       Shallow Aquitard (D3)         □       Iron Deposits (B5)       □       Microtopographic Relief (D4)         □       Surface Soil Cracks (B6)       □       Epth (inches):         Surface Water Present?       Yes<   | emarks:   |  |                     |                    |                             |   |  |                               |                    |  |  |
| High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       ✓ Oxidized Rhizospheres along Living Roots (C3)         Saturation (A3)       Marl Deposits (B15)       Presence of Reduced Iron (C4)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (C5)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or Stressed Plants (D1)         Drift Deposits (B3)       Other (Explain in Remarks)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       ✓ Shallow Aquitard (D3)         Iron Deposits (B5)       Microtopographic Relief (D4)         Surface Soil Cracks (B6)       Depth (inches):         Water Table Present?       Yes       No         Water Table Present?       Yes       No         Saturation Present?       Yes       No         Depth (inches):       Saturation Present?       Yes         Saturation Present?       Yes       No   | emarks:<br>YDROLOG  | Y<br>ogy Indica  |                     |                    |                             |   |  |                               |                    | Secondary Inc  | dicators (two or more are required)  |
| Saturation (A3)       Marl Deposits (B15)       Presence of Reduced Iron (C4)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (C5)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or Stressed Plants (D1)         Drift Deposits (B3)       Other (Explain in Remarks)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       ✓ Shallow Aquitard (D3)         Iron Deposits (B5)       Microtopographic Relief (D4)         Surface Soil Cracks (B6)       Depth (inches):         Sufface Water Present?       Yes       No         Water Table Present?       Yes       No         Saturation Present?       Yes       No         Saturation Present?       Yes       No   | emarks:<br>YDROLOG<br>Vetland Hydrold<br>Primary Indicators   | Y<br>ogy Indica<br>s (any one  |                     | .)                 |                             |   |  |                               |                    | Secondary Ind  | dicators (two or more are required)<br>ained Leaves (B9)   |
| Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (C5)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or Stressed Plants (D1)         Drift Deposits (B3)       Other (Explain in Remarks)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       ✓ Shallow Aquitard (D3)         Iron Deposits (B5)       Microtopographic Relief (D4)         Surface Soil Cracks (B6)       FAC-neutral Test (D5)         Field Observations:       Depth (inches):         Surface Water Present?       Yes       No         Depth (inches):       Saturation Present?       Yes       No         Saturation Present?       Yes       No       Depth (inches):         Saturation Present?       Yes       No       Depth (inches):  | emarks:  YDROLOG  Yotland Hydrold  Primary Indicators  Surface Wate   | Y<br>ogy Indica<br>s (any one<br>er (A1)   |                     | .)                 |                             |   |  | -                             |                    | Secondary Ind  | dicators (two or more are required)<br>ained Leaves (B9)<br>Patterns (B10)   |
| □ Sediment Deposits (B2)       □ Dry-Season Water Table (C2)       □ Stunted or Stressed Plants (D1)         □ Drift Deposits (B3)       □ Other (Explain in Remarks)       □ Geomorphic Position (D2)         □ Algal Mat or Crust (B4)       ☑ Shallow Aquitard (D3)         □ Iron Deposits (B5)       □ Microtopographic Relief (D4)         □ Surface Soil Cracks (B6)       □ FAC-neutral Test (D5)         Field Observations:       □ Depth (inches):         Surface Water Present?       Yes       No         □ Depth (inches):       □ Depth (inches):         Saturation Present?       Yes       No         □ Depth (inches):       □ Depth (inches):       Saturation Present?   | emarks:  YDROLOG  Yetland Hydrolo  Primary Indicators Surface Wate High Water T   | Y<br>ogy Indica<br>s (any one<br>er (A1)<br>Table (A2)   |                     | .)                 | 🗌 Sp                        | arsely Vege   | tated Cor  | -                             |                    | Secondary Ind<br>Water St<br>Drainage<br>Oxidized  | dicators (two or more are required)<br>ained Leaves (B9)<br>Patterns (B10)<br>Rhizospheres along Living Roots (C   |
| □ Drift Deposits (B3)       □ Other (Explain in Remarks)       □ Geomorphic Position (D2)         □ Algal Mat or Crust (B4)       ☑ Shallow Aquitard (D3)         □ Iron Deposits (B5)       □ Microtopographic Relief (D4)         □ Surface Soil Cracks (B6)       □ FAC-neutral Test (D5)         Field Observations:       Surface Water Present?       Yes ○ No <   | emarks:  YDROLOG  Yetland Hydrolo  Primary Indicators Surface Wate High Water T Saturation (A   | Y<br>ogy Indica<br>s (any one<br>er (A1)<br>Table (A2)<br>3)   |                     | .)                 | Sp                          | arsely Vege<br>rl Deposits  | tated Cor<br>(B15)   | icave Surfa                   |                    | Secondary Ind<br>Water Sta<br>Drainage<br>Oxidized<br>Presence   | dicators (two or more are required)<br>ained Leaves (B9)<br>Patterns (B10)<br>Rhizospheres along Living Roots (C<br>of Reduced Iron (C4)   |
| <ul> <li>Algal Mat or Crust (B4)</li> <li>Iron Deposits (B5)</li> <li>Surface Soil Cracks (B6)</li> <li>Field Observations:</li> <li>Surface Water Present?</li> <li>Yes ○ No </li> <li>Depth (inches):</li> <li>Depth (inches):</li> <li>Saturation Present?</li> <li>Yes ○ No </li> <li>Depth (inches):</li> <li>Depth (inches):</li> <li>Saturation Present?</li> <li>Yes ○ No </li> <li>Depth (inches):</li> <li>Depth (inches):</li> </ul>  | emarks:  YDROLOG  Vetland Hydrolo  Primary Indicators Surface Wate High Water T Saturation (A Water Marks   | Y<br>ogy Indica<br>s (any one<br>er (A1)<br>Table (A2)<br>(3)<br>(B1)  |                     | .)                 | Sp<br>Ma<br>Hy              | arsely Vege<br>rl Deposits<br>drogen Sulf                               | tated Cor<br>(B15)<br>ide Odor                               | ncave Surfa                   |                    | Secondary Ind<br>Water Sta<br>Drainage<br>Oxidized<br>Presence<br>Salt Depo  | dicators (two or more are required)<br>ained Leaves (B9)<br>Patterns (B10)<br>Rhizospheres along Living Roots (C<br>of Reduced Iron (C4)<br>osits (C5)   |
| □ Iron Deposits (B5)       □ Microtopographic Relief (D4)         □ Surface Soil Cracks (B6)       □ FAC-neutral Test (D5)         Field Observations:       Surface Water Present?         Yes       No         Water Table Present?       Yes         No       Depth (inches):         Saturation Present?       Yes         No       Depth (inches):         Saturation Present?       Yes         No       Depth (inches):   | emarks:  YDROLOG  Yetland Hydrolo  Primary Indicators  Surface Wate High Water T Saturation (A Water Marks Sediment Dep   | Y<br>ogy Indica<br>s (any one<br>er (A1)<br>Table (A2)<br>(3)<br>(B1)<br>posits (B2)   |                     | .)                 | Sp<br>Ma<br>Hy<br>Dr        | arsely Vege<br>rl Deposits<br>drogen Sulf<br>y-Season W                 | tated Cor<br>(B15)<br>ide Odor<br>ater Tabl                  | ncave Surfa<br>(C1)<br>e (C2) |                    |  | dicators (two or more are required)<br>ained Leaves (B9)<br>Patterns (B10)<br>Rhizospheres along Living Roots (C<br>of Reduced Iron (C4)<br>osits (C5)<br>or Stressed Plants (D1)  |
| □ Surface Soil Cracks (B6)       □ FAC-neutral Test (D5)         Field Observations:       Surface Water Present?       Yes ○ No ○ Depth (inches):         Water Table Present?       Yes ○ No ○ Depth (inches):       Depth (inches):         Saturation Present?       Yes ○ No ○ Depth (inches):       Wetland Hydrology Present? Yes ○ No ○  | emarks:  YDROLOG  Vetland Hydrolo  Primary Indicators Surface Wate High Water T Saturation (A Water Marks Sediment Dep Drift Deposits   | Y<br>ogy Indica<br>s (any one<br>er (A1)<br>Table (A2)<br>(3)<br>(B1)<br>posits (B2)<br>s (B3)   |                     | .)                 | Sp<br>Ma<br>Hy<br>Dr        | arsely Vege<br>rl Deposits<br>drogen Sulf<br>y-Season W                 | tated Cor<br>(B15)<br>ide Odor<br>ater Tabl                  | ncave Surfa<br>(C1)<br>e (C2) |                    |  | dicators (two or more are required)<br>ained Leaves (B9)<br>Patterns (B10)<br>Rhizospheres along Living Roots (C<br>of Reduced Iron (C4)<br>osits (C5)<br>or Stressed Plants (D1)<br>hic Position (D2)   |
| Field Observations:       Surface Water Present?       Yes       No       Depth (inches):         Water Table Present?       Yes       No       Depth (inches):       Wetland Hydrology Present?       Yes       No         Saturation Present?       Yes       No       Depth (inches):       Wetland Hydrology Present?       Yes       No   | emarks:   | Y<br>bgy Indica<br>s (any one<br>er (A1)<br>Table (A2)<br>(3)<br>(B1)<br>posits (B2)<br>s (B3)<br>Crust (B4)   |                     | .)                 | Sp<br>Ma<br>Hy<br>Dr        | arsely Vege<br>rl Deposits<br>drogen Sulf<br>y-Season W                 | tated Cor<br>(B15)<br>ide Odor<br>ater Tabl                  | ncave Surfa<br>(C1)<br>e (C2) |                    | Secondary Ind<br>Water St<br>Drainage<br>✓ Oxidized<br>Presence<br>Salt Dep<br>Stunted of<br>Geomorp<br>✓ Shallow /                            | dicators (two or more are required)<br>ained Leaves (B9)<br>Patterns (B10)<br>Rhizospheres along Living Roots (C<br>of Reduced Iron (C4)<br>osits (C5)<br>or Stressed Plants (D1)<br>hic Position (D2)<br>Aquitard (D3)  |
| Surface Water Present?       Yes       No       Depth (inches):         Water Table Present?       Yes       No       Depth (inches):         Saturation Present?       Yes       No       Depth (inches):         Saturation Present?       Yes       No       Depth (inches):  | emarks:  YDROLOG  Vetland Hydrold  Primary Indicators Surface Wate High Water T Saturation (A Water Marks Sediment Dep Algal Mat or 0 Iron Deposits   | <b>Y</b><br><b>ogy Indica</b><br>s (any one<br>er (A1)<br><sup>T</sup> able (A2)<br>(3)<br>(B1)<br>posits (B2)<br>s (B3)<br>Crust (B4)<br>s (B5)   | is sufficient       | ;)                 | Sp<br>Ma<br>Hy<br>Dr        | arsely Vege<br>rl Deposits<br>drogen Sulf<br>y-Season W                 | tated Cor<br>(B15)<br>ide Odor<br>ater Tabl                  | ncave Surfa<br>(C1)<br>e (C2) |                    | Secondary Ind<br>Water St<br>Drainage<br>✔ Oxidized<br>Presence<br>Salt Depo<br>Stunted of<br>Geomorp<br>✔ Shallow A<br>Microtopo              | dicators (two or more are required)<br>ained Leaves (B9)<br>Patterns (B10)<br>Rhizospheres along Living Roots (C<br>of Reduced Iron (C4)<br>osits (C5)<br>or Stressed Plants (D1)<br>hic Position (D2)<br>Aquitard (D3)<br>ographic Relief (D4)                  |
| Water Table Present?     Yes     No     Depth (inches):       Saturation Present?     Yes     No     Depth (inches):   | emarks:   | <b>Y</b><br>ogy Indica<br>s (any one<br>er (A1)<br>Table (A2)<br>(B1)<br>posits (B2)<br>s (B3)<br>Crust (B4)<br>s (B5)<br>Cruscks (B6)   | is sufficient       |                    | Sp<br>Ma<br>Hy<br>Dr        | arsely Vege<br>rl Deposits<br>drogen Sulf<br>y-Season W                 | tated Cor<br>(B15)<br>ide Odor<br>ater Tabl                  | ncave Surfa<br>(C1)<br>e (C2) |                    | Secondary Ind<br>Water St<br>Drainage<br>✔ Oxidized<br>Presence<br>Salt Depo<br>Stunted of<br>Geomorp<br>✔ Shallow A<br>Microtopo              | dicators (two or more are required)<br>ained Leaves (B9)<br>Patterns (B10)<br>Rhizospheres along Living Roots (C<br>of Reduced Iron (C4)<br>osits (C5)<br>or Stressed Plants (D1)<br>hic Position (D2)<br>Aquitard (D3)<br>ographic Relief (D4)                  |
| Saturation Present? Vec  No  Depth (inches): 5   | emarks:   | Y<br>ogy Indica<br>s (any one<br>er (A1)<br>Table (A2)<br>(B1)<br>posits (B2)<br>s (B3)<br>Crust (B4)<br>s (B5)<br>Crusts (B6)<br>Ons:   | is sufficient       |                    | Sp<br>Ma<br>Hy<br>Dr<br>Ot  | arsely Vege<br>rl Deposits<br>drogen Sulf<br>y-Season W<br>her (Explain | tated Cor<br>(B15)<br>ide Odor<br>ater Tabl<br>in Rema       | ncave Surfa<br>(C1)<br>e (C2) |                    | Secondary Ind<br>Water St<br>Drainage<br>✔ Oxidized<br>Presence<br>Salt Depo<br>Stunted of<br>Geomorp<br>✔ Shallow A<br>Microtopo              | dicators (two or more are required)<br>ained Leaves (B9)<br>Patterns (B10)<br>Rhizospheres along Living Roots (C<br>of Reduced Iron (C4)<br>osits (C5)<br>or Stressed Plants (D1)<br>hic Position (D2)<br>Aquitard (D3)<br>ographic Relief (D4)                  |
|  | emarks:  YDROLOG  Vetland Hydrolo  Primary Indicators Surface Water High Water T Saturation (A Water Marks Sediment Dep Drift Deposits Algal Mat or ( Iron Deposits Surface Soil ( Surface Water Pri                    | Y<br>bgy Indica<br>s (any one<br>er (A1)<br>Table (A2)<br>(B1)<br>posits (B2)<br>s (B3)<br>Crust (B4)<br>s (B5)<br>Cracks (B6)<br>Dns:<br>esent?   | is sufficient       | ) No •             | Sp<br>Ma<br>Hy<br>Dr<br>Ot  | arsely Vege<br>rl Deposits<br>drogen Sulf<br>y-Season W<br>her (Explain | tated Cor<br>(B15)<br>ide Odor<br>ater Tabl<br>in Rema       | ncave Surfa<br>(C1)<br>e (C2) | ce (B8)            | Secondary Ind<br>Water Sta<br>Drainage<br>✓ Oxidized<br>Presence<br>Salt Depo<br>Stunted of<br>Geomorp<br>✓ Shallow A<br>Microtopo<br>FAC-neut | dicators (two or more are required)<br>ained Leaves (B9)<br>Patterns (B10)<br>Rhizospheres along Living Roots (C<br>of Reduced Iron (C4)<br>osits (C5)<br>or Stressed Plants (D1)<br>hic Position (D2)<br>Aquitard (D3)<br>ographic Relief (D4)<br>ral Test (D5) |
|  | emarks:  YDROLOG  Yetland Hydrold  Primary Indicators Surface Water High Water T Saturation (A Water Marks Sediment Deg Drift Deposits Algal Mat or ( Iron Deposits Surface Soil (C Field Observatio Surface Water Pres | <b>Y</b><br><b>ogy Indica</b><br>s (any one<br>er (A1)<br><sup>T</sup> able (A2)<br>(B1)<br>posits (B2)<br>s (B3)<br>Crust (B4)<br>s (B5)<br>Cracks (B6)<br><b>Drs:</b><br>esent?<br>sent? | )<br>Yes C<br>Yes C | ) No ()<br>) No () | Sp<br>Ma<br>Hy<br>Dr<br>Ott | arsely Vege<br>rl Deposits<br>drogen Sulf<br>y-Season W<br>ner (Explain | tated Cor<br>(B15)<br>ide Odor<br>ater Tabl<br>in Rema<br>): | ncave Surfa<br>(C1)<br>e (C2) | ce (B8)            | Secondary Ind<br>Water Sta<br>Drainage<br>✓ Oxidized<br>Presence<br>Salt Depo<br>Stunted of<br>Geomorp<br>✓ Shallow A<br>Microtopo<br>FAC-neut | dicators (two or more are required)<br>ained Leaves (B9)<br>Patterns (B10)<br>Rhizospheres along Living Roots (C<br>of Reduced Iron (C4)<br>osits (C5)<br>or Stressed Plants (D1)<br>hic Position (D2)<br>Aquitard (D3)<br>ographic Relief (D4)<br>ral Test (D5) |

Remarks:

No water table documented w saturation, thus does not meet A3.