WETLAND DETERMINATION DATA FORM - Alaska Region

| Project | /Site: Susitna-Watana Hydroelectric Project | | В | orough/City: | Denali Bo | rough Sampling Date: 07-Aug-12 |
|----------|--|------------|---------------|----------------------|---------------------|--|
| Applica | nt/Owner: Alaska Energy Authority | | | | | Sampling Point: SW12_T15_03 |
| | gator(s): CTS, EKJ | | I | Landform (hills | side, terrac | e, hummocks etc.): Footslope |
| Local r | elief (concave, convex, none): flat | | | Slope: 5.2 | % / 3.0 | - · |
| | ion : Interior Alaska Mountains | 1: | | 3.354069907 | | Long.: -148.664319969 Datum: WGS84 |
| _ | | | | 33.334003307 | - | |
| | p Unit Name: | | | | No ○ | NWI classification: PSS1B |
| | natic/hydrologic conditions on the site typical for this | | - | | | (If no, explain in Remarks.) ormal Circumstances" present? Yes ● No ○ |
| | egetation U , Soil U , or Hydrology U | - | - | disturbed? | | Processing Processing |
| Are V | egetation , Soil , or Hydrology | natura | ally pro | oblematic? | (If nee | ded, explain any answers in Remarks.) |
| SUMN | MARY OF FINDINGS - Attach site map sh | owing | sam | pling point | locations | , transects, important features, etc. |
| | Hydrophytic Vegetation Present? Yes No | 0 | | | | |
| | Hydric Soil Present? Yes ● No | \bigcirc | | Is | the Sam | pled Area |
| | Wetland Hydrology Present? Yes ● No | _ | | wi | thin a W | etland? Yes ◉ No ○ |
| | | | | | | |
| Rem | arks: Stcw (at cutoff for closed but mappable polyg | gon is pi | obabl | y closed) w se | eeps on hills | side |
| | | | | | | |
| /EGE | TATION - Use scientific names of plants. | List al | Ispe | cies in the i | nlot. | |
| | Ose scientific frames of plants. | 2.50 0.1 | орс | 0100 111 0110 | p. 0 t. | Dominance Test worksheet: |
| Tro | e Stratum | | olute over | Dominant Species? | Indicator Status | Number of Dominant Species |
| 1. | Sudum | ,,,,, | 0 | | <u> </u> | That are OBL, FACW, or FAC:4(A) |
| 2. | | _ | 0 | | | Total Number of Dominant |
| 3. | | _ | 0 | | | Species Across All Strata:5(B) |
| 4. | | _ | 0 | | | Percent of dominant Species That Are OBL, FACW, or FAC: 80.0% (A/B) |
| 5. | | _ | 0 | | | |
| | Total Cov | er: | 0 | | | Prevalence Index worksheet: Total % Cover of: Multiply by: |
| Sap | ling/Shrub Stratum 50% of Total Cover: | 0 | 20% | of Total Cover: | 0 | 001.0 |
| | | _ | | _ | | OBL Species 2 x 1 = 2 FACW Species 37 x 2 = 74 |
| | Salix barclayi | _ | 40 | | FAC | |
| | Salix richardsonii | _ | 25 | | FACW | FAC Species <u>180.2</u> x 3 = <u>540.6</u> FACU Species 61 x 4 = 244 |
| 3. | Salix pulchra Salix reticulata | _ | 10 | ✓ | FACW FAC | UPL Species 0 x 5 = 0 |
| 4. 5. | Vaccinium uliginosum | _ | 50 35 | ✓ | FAC | |
| 6. | | _ | 0 | | -170 | Column Totals: <u>280.2</u> (A) <u>860.6</u> (B) |
| 7. | | | 0 | | | Prevalence Index = B/A =3.071_ |
| | | _ | 0 | | | Hydronhytic Vagatation Indicators: |
| 9. | | _ | 0 | | | Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% |
| | Rubus arcticus (IAM) | _ | 1 | | FACU | Prevalence Index is ≤ 3.0 |
| 10. | Total Cov | er: | 161 | | -7100 | Morphological Adaptations ¹ (Provide supporting data in |
| Her | b Stratum 50% of Total Cover: | | | of Total Cover | 32.2 | Remarks or on a separate sheet) |
| 1. | Cornus canadensis | | 60 | ✓ | FACU | Problematic Hydrophytic Vegetation ¹ (Explain) |
| 2. | Equisetum arvense | | 50 | ✓ | FAC | ¹ Indicators of hydric soil and wetland hydrology must |
| 3. | Petasites frigidus | _ | 2 | | FACW | be present, unless disturbed or problematic. |
| 4. | Polemonium acutiflorum | | 1 | | FAC | |
| 5. | Rumex arcticus | | 2 | | FAC | Plot size (radius, or length x width) 10m |
| 6. | Anemone richardsonii | | 1 | | FAC | % Cover of Wetland Bryophytes (Where applicable) |
| 7. | Luzula parviflora | | 0.1 | | FAC | % Bare Ground |
| 8. | Calamagrostis canadensis | | 1 | | FAC | Total Cover of Bryophytes |
| 9. | Comarum palustre | _ | 2 | | OBL | |
| 10. | Sedum rosea | _ | 0.1 | | FAC | Hydrophytic |
| | Total Cov | | 119 | | | Vegetation |
| | 50% of Total Cover: | 59.6 | 20% | of Total Cover: | 23.84 | Present? Yes No No |
| Rem | arks: Compal and Rumarc in mossy seep, herbs co | ontinued | l at th | e bottom of th | he shrub sti | rata |

US Army Corps of Engineers Alaska Version 2.0

SOIL Sampling Point: SW12 T15 03

| 95 Fibric Organics 5% roots | Depth (inches) | Color (moi | st) | % | Color (moist) | % | Type ¹ | Loc 2 | Texture | Remarks |
|--|--|--|---------------------------------|---|--|--|---|------------|---|---|
| 7-9 100 Saprit Organics 9-15 2.57 2.5/1 Sandy Loam see remarks Sandy Loam see remarks Type: C=Concentration. D=Depletion. RM=Reduced Matrix Location: PL=Pore Lining. RC=Root Channel. M=Matrix | 0-3 | | | 95 | | | | | Fibric Organics | 5% roots |
| 9-15 2.5Y 2.5/1 Sandy Loam see remarks See remarks See remarks | 3-7 | | | 95 | | | | | Hemic Organics | 5% roots |
| Type: C=Concentration. D=Depletion. RM=Reduced Matrix Indicators for Problematic Hydric Soils Histosol or Histel (A1) | 7-9 | | | 100 | | | | | Sapric Organics | |
| Type: C=Concentration. D=Depletion. RM=Reduced Matrix Type: C=Concentration. D=Depletion. RM=Reduced Matrix Location: PL=Pore Lining. RC=Root Channel. M=Matrix Widire Soil Indicators: | | 2.5Y | 2.5/1 | | | | | | | see remarks |
| ydric Soil Indicators: Histosol or Histel (A1) | | | | | | | | | | - See remaine |
| Indicators for Problematic Hydric Soils ? Histosol or Histel (A1) | | | | | | | | | | |
| Indicators for Problematic Hydric Soils Indicators Indicators for Problematic Hydric Soils Indicator Indicat | | | | | | | | | | |
| Histosol or Histel (A1) Alaska Alpine swales (TA5) Thick Dark Surface (A12) Alaska Gleyed (A13) Alaska Gleyed (A13) Alaska Redox (A14) Alaska Redox (A14) Alaska Redox (A14) Alaska Redox (A15) Brain Alaska Redox (A15) Alaska Redox (A15) Alaska Redox (A15) Alaska Redox (A15) Alaska Redox (A16) Alaska Redox (A17) Alaska Redox (A17) Alaska Redox (A18) Alaska Redox (A19) | Type: C=Conc | centration. D= | Depletion. | | | | | | nnel. M=Matrix | |
| Histic Epipedon (A2) Hydrogen Sulfide (A4) Hydrogen Sulfide (A4) Alaska Alpine swales (TA5) Other (Explain in Remarks) Thick Dark Surface (A12) Alaska Gleyed (A13) Alaska Gleyed (A13) Alaska Gleyed (A13) Alaska Gleyed Pores (A15) Alaska Gleyed Poresent? Alaska Gleyed Poresent? | <u>-</u> | | | | | 4 | 1 | ls: | 1 | |
| Hydrogen Sulfide (A4) Alaska Gleyed (A13) Alaska Gleyed (A15) Alaska Gleyed (A16) Alaska Eleyed (A16) Alaska Gleyed (A16) Alaska Gleyed (A16) Alaska Reava (A16) Alaska R | _ | ` , | | | | | | | | Hue 5Y or Redder |
| Thick Dark Surface (A12) Alaska Gleyed (A13) Alaska Redox (A14) Alaska Gleyed Pores (A15) Alaska Gleyed Pores (A15) Alaska Gleyed Pores (A15) **Give details of color change in Remarks** **Bestrictive Layer (if present): Type: Depth (inches): **Depth (inches | = | ` , | | | | | | | , , , | rka) |
| Alaska Gleyed (A13) Alaska Redox (A14) Alaska Redox (A14) Alaska Gleyed Pores (A15) **Give details of color change in Remarks** **Hydric Soil Present?** **Type: Depth (inches): **Present Servicive Layer (if present): Type: Depth (inches): **Brain Annual Coarse sand to fine gravel, few semiangular coarse gravel and cobbles **POROLOGY** **Jordan Hydrology Indicators: Trimary Indicators (anv one is sufficient) **Surface Water (A1) **Jordan Hydrology Indicators: Trimary Indicators (anv one is sufficient) **Surface Water (A1) **Jordan Hydrology Indicators: Trimary Indicators (anv one is sufficient) **Surface Water (A1) **Jordan Hydrology Indicators: Trimary Indicators (anv one is sufficient) **Surface Water (A1) **Jordan Hydrology Indicators: Trimary Indicators (anv one is sufficient) **Surface Water (A1) **Jordan Hydrology Indicators: Trimary Indicators (anv one is sufficient) **Surface Water (A1) **Jordan Hydrology Indicators: Trimary Indicators (anv one is sufficient) **Surface Water (A1) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators: Trimary Indicators (two or more marks) **Jordan Hydrology Indicators | ¬ ′ ັ | ` , | | | ∴ Alaska Redox V | With 2.5Y Hue | е | | Other (Explain in Rema | rks) |
| Alaska Gleyed (A14) Alaska Redox (A14) Alaska Redox (A15) Alaska Redox (A15) Alaska Redox (A15) Alaska Redox (A15) estrictive Layer (if present): Type: Depth (inches): ### Hydric Soil Present? ### Present? ### Present? ### Alaska Gleyed Pores (A15) ### Hydric Soil Present? ### Hydric Soil Present | _ | , , | | | ³ One indicator of | hydrophytic | vegetation. | , one prin | nary indicator of wetland | hydrology. |
| Alaska Gleyed Pores (A15) 4 Give details of color change in Remarks estrictive Layer (if present): Type: Depth (inches): ### Hydric Soil Present? Yes ● Present? Yes ● ### Alaska Gleyed Pores (A15) ### Hydric Soil Present? Yes ● ### Present? Yes ● ### No ● ### Depth (inches): #### Alaska Gleyed Pores (A15) #### Hydric Soil Present? Yes ● ### No ● ### Present? Yes ● ### No ● ### Depth (inches): 3 #### Wetland Hydrology Indicators (two or moo o | _ | | | | | | | | | , a. 0.03,, |
| estrictive Layer (if present): Type: Depth (inches): ### Hydric Soil Present? Yes Page | _ | ` ' | | | 4 Give details of c | olor change i | n Remarks | | | |
| Type: Depth (inches): PMROLOGY Vetland Hydrology Indicators: | Alaska Gleye | ea Pores (A15 |) | | | | | | | |
| POROLOGY etland Hydrology Indicators: surizon 4: Angular coarse sand to fine gravel, few semiangular coarse gravel and cobbles Surface Water (A1) Water Stained Leaves (B9) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Variation (A3) Water Variation (A3) Water Variation (A3) Water Variation (B1) Dry-Season Water Table (C2) Drift Deposits (B2) Dry-Season Water Table (C2) Drift Deposits (B3) Other (Explain in Remarks) Surface Soil Cracks (B6) Water Variation (B3) Water Variation (B4) Depth (inches): Water Table Present? Wetland Hydrology Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): 3 | estrictive Layer | r (if present): | | | | | | | | |
| POROLOGY Petland Hydrology Indicators: | Type: | | | | | | | | Hydric Soil Presen | t? Yes 💿 No 🔾 |
| ### Angular coarse sand to fine gravel, few semiangular coarse gravel and cobbles #### Angular coarse sand to fine gravel, few semiangular coarse gravel and cobbles ################################### | | | | | | | | | , | |
| rimary Indicators (any one is sufficient) Surface Water (A1) Water Stained Leaves (B9) Surface Water (A1) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Saturation (A3) Marl Deposits (B15) Presence of Reduced Iron (C1) Sediment Deposits (B2) Drift Deposits (B3) Other (Explain in Remarks) Secondary Indicators (two or more more incompleted (B9) Oxidized Rhizospheres along Presence of Reduced Iron (C1) Salt Deposits (C5) Stunted or Stressed Plants (I1) Geomorphic Position (D2) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Surface Soil Cracks (B6) Surface Water Present? Yes No Depth (inches): 7 Depth (inches): 7 Depth (inches): 3 Secondary Indicators (two or more more incompleted (B9) Water Stained Leaves (B9) Oxidized Rhizospheres along Oxidized Rhizospheres alon | emarks: | , | d to fine gr | ravel, few ser | niangular coarse gi | ravel and cob | obles | | | |
| rimary Indicators (any one is sufficient) Surface Water (A1) High Water Table (A2) Sparsely Vegetated Concave Surface (B8) Oxidized Rhizospheres along Algal Mat or Crust (B4) Drift Deposits (B5) Surface Soil Cracks (B6) Surface Water Present? Yes No Depth (inches): No Depth (inches): 3 Water Table (A2) Water Stained Leaves (B9) Drainage Patterns (B10) Drainage Patterns (B10) Oxidized Rhizospheres along Oxidized Rhizospheres along Presence of Reduced Iron (C Salt Deposits (C5) Stunted or Stressed Plants (I Salt Deposits (C5) Stunted or Stressed Plants (I Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-neutral Test (D5) Wetland Hydrology Present? Yes No Depth (inches): 3 | emarks: prizon 4: Angul | lar coarse sand | d to fine gi | ravel, few ser | niangular coarse gi | ravel and cob | obles | | | |
| Surface Water (A1) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Drainage Patterns (B10) ☐ Sparsely Vegetated Concave Surface (B8) ☐ Oxidized Rhizospheres along ☐ Marl Deposits (B15) ☐ Water Marks (B1) ☐ Salt Deposits (C5) ☐ Sediment Deposits (B2) ☐ Dry-Season Water Table (C2) ☐ Drift Deposits (B3) ☐ Other (Explain in Remarks) ☐ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Iron Deposits (B5) ☐ Surface Soil Cracks (B6) ☐ FAC-neutral Test (D5) ☐ Sediment Deposits (B5) ☐ Depth (inches): ☐ Other (Explain in Remarks) ☐ Depth (inches): ☐ Depth (inches): 3 ☐ Depth (inches): 3 ☐ Oxidized Rhizospheres along ☐ Oxidized Rhizospheres along ☐ Oxidized Rhizospheres along ☐ Oxidized Rhizospheres (B10) ☐ Oxidized Rhizospheres (B10) ☐ Oxidized Rhizospheres along ☐ Oxidized Rhizospheres ☐ Oxidized Rhizosphere | emarks: prizon 4: Angul | lar coarse sand | | ravel, few ser | niangular coarse gi | ravel and cob | obles | | | |
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| Marl Deposits (B15) Water Marks (B1) Sediment Deposits (B2) Dry-Season Water Table (C2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Surface Water Present? Water Table Present? Water Table Present? Yes No Depth (inches): | YDROLOG Vetland Hydro | lar coarse sand GY ology Indicators (any one is | tors: | | | | | | Secondary Inc | licators (two or more are required ained Leaves (B9) |
| Water Marks (B1) | YDROLOG Vetland Hydro rimary Indicato | GY plogy Indicators (any one is later (A1) | tors: | | ☐ Inundation V | isible on Aeri | ial Imagery | | Secondary Inc | licators (two or more are required ained Leaves (B9) Patterns (B10) |
| Sediment Deposits (B2) Dry-Season Water Table (C2) Stunted or Stressed Plants (I Geomorphic Position (D2) Shallow Aquitard (D3) Iron Deposits (B5) Surface Soil Cracks (B6) Surface Water Present? Water Table Present? Yes No Depth (inches): Depth (inches): 7 Depth (inches): 3 Wetland Hydrology Present? Yes Pesent? Yes No Depth (inches): 3 | YDROLOG //etland Hydro //imary Indicato Surface Wa High Water | GY ology Indicators (any one is ater (A1) r Table (A2) | tors: | | ☐ Inundation V ☐ Sparsely Veg | isible on Aeri etated Conca | ial Imagery | | Secondary Inc Water Sta Drainage Oxidized | dicators (two or more are required) ained Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C |
| Drift Deposits (B3) ☐ Other (Explain in Remarks) ☐ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Iron Deposits (B5) ☐ Microtopographic Relief (D4) ☐ FAC-neutral Test (D5) ☐ Iron Deposits (B6) ☐ I | YDROLOG Yetland Hydro Timary Indicato Surface Wa High Water Saturation | GY blogy Indicators (any one is ater (A1) r Table (A2) (A3) | tors: | | ☐ Inundation V☐ Sparsely Veg☐ Marl Deposits | isible on Aeri etated Conca s (B15) | ial Imagery ave Surface | | Secondary Inc Water Sta Drainage Oxidized Presence | dicators (two or more are required) ained Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C of Reduced Iron (C4) |
| Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Surface Soil Cracks (B6) FAC-neutral Test (D5) Surface Water Present? Water Table Present? Yes No Depth (inches): 7 Saturation Present? Yes No Depth (inches): 3 Wetland Hydrology Present? Yes Present? Yes Popth (inches): 3 | YDROLOG YDROLOG Yetland Hydro Irimary Indicato Surface Wa High Water Saturation Water Mark | GY blogy Indicators (any one is later (A1) r Table (A2) (A3) ks (B1) | tors: | | Inundation V Sparsely Veg Marl Deposits Hydrogen Su | isible on Aeri etated Conca s (B15) Ifide Odor (C | ial Imagery ave Surface | | Secondary Inc Water Sta Drainage Oxidized Presence Salt Depo | dicators (two or more are required) ained Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (Cof Reduced Iron (C4) soits (C5) |
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| Surface Soil Cracks (B6) ield Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): 7 Saturation Present? Yes No Depth (inches): 3 Wetland Hydrology Present? Yes Pepth (inches): 3 | YDROLOG YDROLOG YDROLOG Yetland Hydro Primary Indicato Surface Wa High Water Saturation Water Mark Sediment D Drift Depos | lar coarse sand lar coarse san | tors: | | Inundation V Sparsely Veg Marl Deposits Hydrogen Su Dry-Season V | isible on Aeri etated Conca s (B15) Ifide Odor (C Water Table (| ial Imagery ave Surface C1) (C2) | | Secondary Inc Water Sta Drainage Oxidized Presence Salt Depo | dicators (two or more are required ained Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (Co) of Reduced Iron (C4) sits (C5) or Stressed Plants (D1) hic Position (D2) |
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| Water Table Present? Yes No Depth (inches): 7 Saturation Present? (includes capillary fringe) Yes No Depth (inches): 3 Wetland Hydrology Present? Yes Depth (inches): 3 | YDROLOG /etland Hydro rimary Indicate Surface Wa Y Saturation (Water Mark Sediment D Drift Depos Algal Mat o Iron Depos Surface Soi | GY blogy Indicators (any one is ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3) br Crust (B4) sits (B5) il Cracks (B6) | tors: | | Inundation V Sparsely Veg Marl Deposits Hydrogen Su Dry-Season V | isible on Aeri etated Conca s (B15) Ifide Odor (C Water Table (| ial Imagery ave Surface C1) (C2) | | Secondary Inc Water Sta Drainage Oxidized Presence Salt Depo Stunted of Geomorp Shallow A | licators (two or more are required ained Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (Coof Reduced Iron (C4) sists (C5) or Stressed Plants (D1) hic Position (D2) equitard (D3) ographic Relief (D4) |
| Saturation Present? Includes capillary fringe) Yes No Depth (inches): 3 | YDROLOG Tetland Hydro Timary Indicato Surface Wa High Water Saturation Water Mark Sediment D Drift Depos Algal Mat o Iron Depos Surface Soi Teld Observat | ar coarse sand blar cany one is blar can | tors: s sufficient |) | Inundation V Sparsely Veg Marl Deposits Hydrogen Su Dry-Season N Other (Explain | isible on Aeri etated Conca s (B15) Ifide Odor (C Water Table (in in Remarks | ial Imagery ave Surface C1) (C2) | | Secondary Inc Water Sta Drainage Oxidized Presence Salt Depo Stunted of Geomorp Shallow A | licators (two or more are required ained Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (Coof Reduced Iron (C4) sists (C5) or Stressed Plants (D1) hic Position (D2) equitard (D3) ographic Relief (D4) |
| includes capillary fringe) Tes Vivo Depth (inches): 3 | YDROLOG YDROLOG YDROLOG Yetland Hydro Imary Indicato Surface Wa High Water Water Mark Sediment D Drift Depos Algal Mat o Iron Depos Surface Soi Surface Water Isourface Water Iso | lar coarse sand lar coarse san | tors: s sufficient |) No • | Inundation V Sparsely Veg Marl Deposits Hydrogen Su Dry-Season N Other (Explain | isible on Aeri etated Conca s (B15) Ifide Odor (C Water Table (in in Remarks | ial Imagery ave Surface C1) (C2) | e (B8) | Secondary Inc Water Sta Drainage Oxidized Presence Salt Depo Stunted of Geomorp Shallow A Microtopo FAC-neutr | dicators (two or more are required) sined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (Coof Reduced Iron (C4) sits (C5) or Stressed Plants (D1) hic Position (D2) equitard (D3) ographic Relief (D4) cal Test (D5) |
| escribe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available: | YDROLOG Yetland Hydro Irimary Indicate ✓ Saturation (Water Mark Sediment D Drift Depos Algal Mat o Iron Depos Surface Soi ield Observat Surface Water F Water Table Pre | GY plogy Indicators (any one is ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3) or Crust (B4) sits (B5) il Cracks (B6) tions: Present? | tors: s sufficient |) No • | Inundation V Sparsely Veg Marl Deposits Hydrogen Su Dry-Season V Other (Explain | risible on Aeri etated Conca s (B15) Ifide Odor (C Water Table (in in Remarks | ial Imagery ave Surface C1) (C2) | e (B8) | Secondary Inc Water Sta Drainage Oxidized Presence Salt Depo Stunted of Geomorp Shallow A Microtopo FAC-neutr | dicators (two or more are required) sined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (Coof Reduced Iron (C4) sits (C5) or Stressed Plants (D1) hic Position (D2) equitard (D3) ographic Relief (D4) cal Test (D5) |
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| emarks: | YDROLOG // Vetland Hydro // Vetland Hydro // Vetland Hydro // Saturation (Water Mark Sediment D Drift Depos Algal Mat o Iron Depos Surface Soi ield Observat Surface Water F Water Table Pre Saturation Pres Sincludes capilla | ar coarse sand lar cany one is later (A1) r Table (A2) (A3) lks (B1) leposits (B2) lists (B3) lists (B3) li Cracks (B4) lists (B5) li Cracks (B6) litions: Present? lesent? lesent. les | Yes Yes Yes |) No • No · | Inundation V Sparsely Veg Marl Deposits Hydrogen Su Dry-Season V Other (Explain Depth (inched Depth | risible on Aeri etated Conca is (B15) Ifide Odor (C Water Table (in in Remarks es): | ial Imagery ave Surface C1) (C2) s) | Wetlai | Secondary Inc Water Sta Drainage Oxidized Presence Salt Depo Stunted of Geomorp Shallow A Microtopo FAC-neutr | dicators (two or more are required) sined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (Coof Reduced Iron (C4) sits (C5) or Stressed Plants (D1) hic Position (D2) equitard (D3) ographic Relief (D4) cal Test (D5) |
| erridiks. | YDROLOG Yetland Hydro Irimary Indicato Surface Wa ✓ High Water ✓ Saturation Water Mark Sediment D Drift Depos Algal Mat o Iron Depos Surface Soi ield Observat Surface Water If Water Table Pro Saturation Press includes capilla escribe Recordo | ar coarse sand lar cany one is later (A1) r Table (A2) (A3) lks (B1) leposits (B2) lists (B3) lor crust (B4) lists (B5) il Cracks (B6) litions: Present? lesent? lesent? lesent? lary fringe) | Yes Yes Yes |) No • No · | Inundation V Sparsely Veg Marl Deposits Hydrogen Su Dry-Season V Other (Explain | risible on Aeri etated Conca is (B15) Ifide Odor (C Water Table (in in Remarks es): | ial Imagery ave Surface C1) (C2) s) | Wetlai | Secondary Inc Water Sta Drainage Oxidized Presence Salt Depo Stunted of Geomorp Shallow A Microtopo FAC-neutr | dicators (two or more are required) sined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (Coof Reduced Iron (C4) sits (C5) or Stressed Plants (D1) hic Position (D2) equitard (D3) ographic Relief (D4) cal Test (D5) |

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