## WETLAND DETERMINATION DATA FORM - Alaska Region

Project/Site: Susitna-Watana Hydroelectric Project		Borough/City:	Matanusk	a-Susitna Borough Sampling Date: 26-Aug-15
Applicant/Owner: Alaska Energy Authority				Sampling Point: SW15_T347_03
Investigator(s): AFW		Landform (hill	side, terrac	e, hummocks etc.): Terrace
Local relief (concave, convex, none): hummocky		Slope: 1.7	%/ 1.0	° Elevation:
Subregion : Interior Alaska Mountains	Lat.:		_	Long.: Datum: WGS84
-	Lut			NWI classification: PSS1C
Soil Map Unit Name:			• No ()	
Are climatic/hydrologic conditions on the site typical for this ti	•			(If no, explain in Remarks.) ormal Circumstances" present? Yes ● No ◯
		tly disturbed?		
Are Vegetation, Soil, or Hydrology	naturally p	problematic?	(If nee	ded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map show	wing sar	mpling point	locations	, transects, important features, etc.
Hydrophytic Vegetation Present? Yes  No C	)			
Hydric Soil Present? Yes • No C		ls	the Sam	pled Area
Wetland Hydrology Present? Yes  No C		wi	ithin a W	etland? Yes $ullet$ No $igcap$
Remarks: terrace willows, soil pit suggests overbank floodir		capic ach lavor	noor curfoo	a indicator curface is abandoned perhaps due to beauer
dams	ig but void	carric astriayer		e indicates surface is abandoned perhaps due to beaver
L VEGETATION - Use scientific names of plants. Li	ict all cn	ocios in the	nlot	
	ist an sp		piot.	Dominance Test worksheet:
Tues Stustum	Absolute % Cove		Indicator Status	Number of Dominant Species
<u>Tree Stratum</u> 1.	70 0000		Status	That are OBL, FACW, or FAC: <u>3</u> (A)
2				Total Number of Dominant
3				Species Across All Strata:3 (B)
4.				Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
5.				
Total Cover	. 0			Prevalence Index worksheet:
Sapling/Shrub Stratum 50% of Total Cover:		– % of Total Cover:	0	Total % Cover of: Multiply by: OBL Species $0 \times 1 = 0$
1. Salix pulchra	65		FACW	FACW Species <u>77</u> x 2 = <u>154</u> FAC Species <u>39</u> x 3 = <u>117</u>
2. Vaccinium uliginosum	-		FAC	
3. Salix pseudomonticola			FAC	
4.				
5.				Column Totals: <u>123</u> (A) <u>299</u> (B)
6	0			Prevalence Index = B/A = 2.431
7	0			Ludverbutic Verstation Tudicatever
Q				Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50%
9	0			Prevalence Index is $\leq 3.0$
Total Cover	69			Morphological Adaptations (Provide supporting data in
Herb Stratum50% of Total Cover:		 9% of Total Cover	: 13.8	Remarks or on a separate sheet)
1. Calamagrostis canadensis	20	$\checkmark$	FAC	Problematic Hydrophytic Vegetation (Explain)
2. Equisetum arvense	15		FAC	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
3. Sanguisorba officinalis			FACW	be present, unless disturbed or problematic.
4. Chamaenerion angustifolium			FACU	Plot size (radius, or length x width)
5. Arctagrostis latifolia	2		FACW	Plot size (radius, or length x width) <u>10m</u> % Cover of Wetland Bryophytes
6. Rubus arcticus(IAM)	3		FACU	(Where applicable)
7. Petasites frigidus	2		FACW	% Bare Ground _55
8. Orthilia secunda	1		FACU	Total Cover of Bryophytes 40
9		. Ц		
10	0	. 🗌		Hydrophytic
Total Cover		_		Vegetation Present? Yes • No ·
50% of Total Cover:	27 209	% of Total Cover:	10.8	Present? Yes
Remarks: bare ground predominantly litter				

S	O	I	L

imary Indicators (any one is sufficient)       Water Stair         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Pa         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized R4         Saturation (A3)       Marl Deposits (B15)       Presence of         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposit         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or         Drift Deposits (B3)       Other (Explain in Remarks) <ul> <li>Shallow Aquer</li> <li>Shallow Aquer</li> </ul>	with trace mineral
0-2       100       Hemic Organics         2-4       10Y       4/2       90       7.5YR       4/4       10       C       PL       Silt Leam         4-6       100       memic with trace minraal       Memic With trace minraal       Memic With trace minraal         6-7       2.5Y       3/2       95       10YR       3/3       5       C       PL       Silt Leam         7-8	al
4-6       100       hemic with trace minral         6-7       2.5Y       3/2       95       10YR       3/3       5       C       PL       Sitt Loam         7-8       Hemic Organics       Hemic Organics       Sitt Loam       Sitt Loam       Sitt Loam         14-20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sitt Loam         14-20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sitt Loam         14-20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sitt Loam         14-20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sitt Loam         14-20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sitt Loam         iydicsol or Histel (A1)       Alaska Color Change (TA4)       Alaska Gleyed Without Hu       Underlying Layer       Underlying Layer       Other (Explain in Remarks         1hictoark Surface (A12)       Alaska Gleyeed (A13)       and an appropriate landscape position must be present       4 Give details of color change in Remarks         1hetik	with trace mineral
6-7       2.5Y       3/2       95       10YR       3/3       5       C       PL       Silt Loam         7-8       Henic Organics         8-14       5Y       4/1       85       7.5YR       4/4       15       C       PL       Silt Loam         14-20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sandy Clay Loam         14-20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sandy Clay Loam         14-20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sandy Clay Loam         14-20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sandy Clay Loam         14/20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sandy Clay Loam         1/10       Alaska Cloy Change (TA4)       Alaska Cloy Change (TA4)       Alaska Clay Clay Loam       Underlying Layer       Other (Explain in Remarks         1/16k Dark Surface (A12)       Alaska Redox (A14)       Alaska Redox (A14)       Alaska Cleyed Vores (A15)       4 Give details of color change in Remar	with trace mineral
7-8       Hemic Organics         8-14       5Y       4/1       85       7.5YR       4/4       15       C       PL       Silt Loam         14-20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sandy Clay Loam         Type: C=Concentration. D=Depletion. RM=Reduced Matrix <sup>2</sup> Location: PL=Pore Lining. RC=Root Channel. M=Matrix         ydric Soil Indicators:       Indicators for Problematic Hydric Soils. <sup>3</sup> Indicator Site Soil Site Soil Site Soil Alaska Cleyed Without Hu         Histosol or Histel (A1)       Alaska Color Change (TAH)       Alaska Gleyed Without Hu         Histo Epipedon (A2)       Alaska Alpine swales (TA5)       Other (Explain in Remarke         Thick Dark Surface (A12)       Alaska Redox With 2.SY Hue       Other (Explain in Remarke         Alaska Gleyed (A13) <sup>3</sup> One indicator of hydrophytic vegetation, one primary indicator of wetland hy and an appropriate landscape position must be present         Alaska Gleyed Pores (A15) <sup>4</sup> Give details of color change in Remarks         strictive Layer (if present):       Type: sandy clay loam         Depth (inches): 14       Hydrology Indicators:         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)         Saturati	but Hue 5Y or Redder
7-8       Hemic Organics         8-14       5Y       4/1       85       7.5YR       4/4       15       C       PL       Silt Loam         14-20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sandy Clay Loam         Type: C=Concentration. D=Depletion. RM=Reduced Matrix <sup>2</sup> Location: PL=Pore Lining. RC=Root Channel. M=Matrix         ydric Soil Indicators:       Indicators for Problematic Hydric Soils. <sup>3</sup> Indicator Site Soil Site Soil Site Soil Alaska Gleyed Without Hu         Histic Epipedon (A2)       Alaska Color Change (TA4)       Alaska Gleyed Without Hu       Underlying Layer         Hydrogen Sulfide (A4)       Alaska Redox With 2.5Y Hue       Other (Explain in Remarke         Thick Dark Surface (A12)       Alaska Redox With 2.5Y Hue       Other (Explain in Remarke         Alaska Redox (A14)       and an appropriate landscape position must be present       Alaska Gleyed (A13)         Alaska Gleyed Pores (A15)       4 Give details of color change in Remarks       Hydric Soil Present?         Type: sandy clay loam       Presence of Mydrophytic vegetated Concave Surface (B8)       Oxidized R4         Depth (inches): 14       Inundation Visible on Aerial Imagery (B7)       Drainage P         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage P </td <td>but Hue 5Y or Redder</td>	but Hue 5Y or Redder
8-14       5Y       4/1       85       7.5YR       4/4       15       C       PL       Silt Loam         14-20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sandy Clay Loam         Type: C=Concentration. D=Depletion. RM=Reduced Matrix       2 Location: PL=Pore Lining. RC=Root Channel. M=Matrix         ydric Soil Indicators:       Indicators for Problematic Hydric Soils?         Histosol or Histel (A1)       Alaska Color Change (TA4)       Alaska Gleyed Without Hu         Histosol or Histel (A2)       Alaska Redox With 2.5Y Hue       Other (Explain in Remarks)         Hydrogen Sulfide (A4)       Alaska Redox With 2.5Y Hue       Other (Explain in Remarks)         Alaska Gleyed (A13)       3 One indicator of hydrophytic vegetation, one primary indicator of wetland hy and an appropriate landscape position must be present         Alaska Gleyed N14       4 Give details of color change in Remarks         strictive Layer (if present):       Type: sandy clay loam         Depth (inches): 14       Inundation Visible on Aerial Imagery (B7)       Draiage P         marks:       Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Draiage P         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized R8         Saturation (A3)       Marl Deposits (B15)<	but Hue 5Y or Redder
14-20       7.5YR       4/4       90       5Y       4/1       10       D       PL       Sandy Clay Loam         Type: C=Concentration. D=Depletion. RM=Reduced Matrix       2 Location: PL=Pore Lining. RC=Root Channel. M=Matrix         ydric Soil Indicators:       Indicators for Problematic Hydric Soils. <sup>3</sup> Indicators for Problematic Hydric Soils. <sup>3</sup> Histos for Histel (A1)       Alaska Color Change (TA4)       Alaska Gleyed Without Hu         Histos for Problematic Hydric Soils. <sup>3</sup> Underlying Layer         Hydrogen Sulfide (A4)       Alaska Redox With 2.5Y Hue       Other (Explain in Remarke)         Thick Dark Surface (A12)       3 One indicator of hydrophytic vegetation, one primary indicator of wetland hy and an appropriate landscape position must be present         Alaska Gleyed (A13)       3 One indicator of color change in Remarks         Strictive Layer (if present):       Type: sandy clay loam         Depth (inches): 14       Hydric Soil Present?         marks:       Secondary Indic         VDROLOGY       Inundation Visible on Aerial Imagery (B7)       Drainage P         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized R1         Saturation (A3)       Marl Deposits (B15)       Presence of         Water Marks (B1)       Hydrogen Sulfide Odr (C1)       Sathal Deposits (B3)	marks)
ydric Soil Indicators:       Indicators for Problematic Hydric Soils. <sup>3</sup> Histosol or Histel (A1)       Alaska Color Change (TA4)       Alaska Gleyed Without Hu Underlying Layer         Hydrogen Sulfide (A4)       Alaska Alpine swales (TA5)       Underlying Layer         Hydrogen Sulfide (A4)       Alaska Redox With 2.5Y Hue       Other (Explain in Remarke and an appropriate landscape position must be present         Alaska Gleyed (A13) <sup>3</sup> One indicator of hydrophytic vegetation, one primary indicator of wetland hy and an appropriate landscape position must be present         Alaska Gleyed Pores (A15) <sup>4</sup> Give details of color change in Remarks         strictive Layer (if present):       Type: sandy clay loam         Depth (inches): 14       Hydric Soil Present?         Marks:       Surface Water (A1)         Insurv Indicators (any one is sufficient)       Inundation Visible on Aerial Imagery (B7)         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)         Saturation (A3)       Mal Deposits (B15)       Presence of         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Satt Deposits (B15)         Water Marks (B1)       Dry-Season Water Table (C2)       Stunted or         Dift Deposits (B3)       Other (Explain in Remarks)       Ø Geomorphin	marks)
I Histosol or Histel (A1)       Alaska Color Change (TA4)       Alaska Gleyed Without Hu.         I Histic Epipedon (A2)       Alaska Alpine swales (TA5)       Underlying Layer         I Hydrogen Sulfide (A4)       Alaska Redox With 2.5Y Hue       Other (Explain in Remarks)         Thick Dark Surface (A12) <sup>3</sup> One indicator of hydrophytic vegetation, one primary indicator of wetland hy and an appropriate landscape position must be present         Alaska Gleyed Pores (A15) <sup>4</sup> Give details of color change in Remarks         strictive Layer (if present):       Type: sandy clay loam         Depth (inches): 14       Hydric Soil Present?         Marks:       Secondary Indicators:         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)         Saturation (A3)       Marl Deposits (B15)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)         Sediment Deposits (B2)       Dry-Season Water Table (C2)         Drift Deposits (B3)       Other (Explain in Remarks)	marks)
Histic Epipedon (A2)       Alaska Alpine swales (TA5)       Underlying Layer         Hydrogen Sulfide (A4)       Alaska Redox With 2.5Y Hue       Other (Explain in Remarks)         Thick Dark Surface (A12)       3 One indicator of hydrophytic vegetation, one primary indicator of wetland hy and an appropriate landscape position must be present         Alaska Gleyed (A13)       3 One indicator of hydrophytic vegetation, one primary indicator of wetland hy and an appropriate landscape position must be present         Alaska Gleyed Pores (A15)       4 Give details of color change in Remarks         strictive Layer (if present):       Type: sandy clay loam         Depth (inches): 14       Hydric Soil Present 2         marks:       Secondary Indicators:         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage P         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized RI         Sufface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage P         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized RI         Saturation (A3)       Marl Deposits (B15)       Presence of         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation i Remarks)       Saturated or         Sediment Deposits (B3)       Other (Explain in Remarks)       Ø Geomorphid         Algal	marks)
Injurgen duine (Ar)       Image Particular Mathematical Article         Alaska Gleyed (A13)       3 One indicator of hydrophytic vegetation, one primary indicator of wetland hy and an appropriate landscape position must be present         Alaska Gleyed Pores (A15)       4 Give details of color change in Remarks         strictive Layer (if present):       *         Type: sandy clay loam       Hydric Soil Present?         Depth (inches): 14       Hydric Soil Present?         marks:       *         *       Surface Water (A1)         Surface Water (A1)       Innundation Visible on Aerial Imagery (B7)         Prince Water (A1)       Oral number of the surface (B8)         Surface Water (A1)       Sparsely Vegetated Concave Surface (B8)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)         Saturation (A3)       Marl Deposits (B15)       Presence of the surface (B8)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation (A3)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Sturted or         Drift Deposits (B3)       Other (Explain in Remarks)       If Shallow Aquer Sulfide Aquer Sulface (B4)	-
Alaska Gleyed (A13) <sup>3</sup> One indicator of hydrophytic vegetation, one primary indicator of wetland hy and an appropriate landscape position must be present         Alaska Redox (A14)       4 Give details of color change in Remarks         Alaska Gleyed Pores (A15)       4 Give details of color change in Remarks         strictive Layer (if present):       Type: sandy clay loam         Depth (inches): 14       Hydric Soil Present?         marks:       YOROLOGY         etland Hydrology Indicators:       Secondary Indicators (any one is sufficient)         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Paina Present of Mark Stair         Surface Water (A1)       Sparsely Vegetated Concave Surface (B8)       Oxidized RH         Saturation (A3)       Marl Deposits (B15)       Presence of Mark Stair         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation (A3)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or         Drift Deposits (B3)       Other (Explain in Remarks)       If Geomorphic         Algal Mat or Crust (B4)       Y Shallow Aquery       Y Shallow Aquery	and hydrology,
Alaska Redox (A14)       Alaska Redox (A14)         Alaska Redox (A14)       4 Give details of color change in Remarks         strictive Layer (if present):       Type: sandy clay loam         Depth (inches): 14       Hydric Soil Present?         marks:       YDROLOGY         etland Hydrology Indicators:       Secondary Indicators:         imary Indicators (any one is sufficient)       Inundation Visible on Aerial Imagery (B7)         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)         Saturation (A3)       Marl Deposits (B15)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)         Sediment Deposits (B2)       Dry-Season Water Table (C2)         Drift Deposits (B3)       Other (Explain in Remarks)         Algal Mat or Crust (B4)       Shallow Aquery	
Alaska Gleyed Pores (A15)       4 Give details of color change in Remarks         strictive Layer (if present):       Type: sandy clay loam         Depth (inches): 14       Hydric Soil Present?         marks:       Present?         /DROLOGY       Variable Strictive Layer (A1)         Bury Indicators (any one is sufficient)       Inundation Visible on Aerial Imagery (B7)         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)         Saturation (A3)       Marl Deposits (B15)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)         Sediment Deposits (B2)       Dry-Season Water Table (C2)         Drift Deposits (B3)       Other (Explain in Remarks)         Algal Mat or Crust (B4)       Shallow Aquery	
Type: sandy clay loam       Hydric Soil Present 3         Depth (inches): 14       marks: <b>*/DROLOGY</b> ************************************	
Depth (inches): 14         marks:         /DROLOGY         ettand Hydrology Indicators:         imary Indicators (any one is sufficient)         Surface Water (A1)         Inundation Visible on Aerial Imagery (B7)         Drainage Pa         Saturation (A3)         Water Table (A2)         Saturation (A3)         Water Marks (B1)         Hydrogen Sulfide Odor (C1)         Sediment Deposits (B2)         Dry-Season Water Table (C2)         Stunted or         Drift Deposits (B3)         Algal Mat or Crust (B4)	
Depth (inches): 14         marks:         /DROLOGY         ettand Hydrology Indicators:         imary Indicators (any one is sufficient)         Surface Water (A1)         Inundation Visible on Aerial Imagery (B7)         Drainage Pa         Saturation (A3)         Water Table (A2)         Saturation (A3)         Water Marks (B1)         Hydrogen Sulfide Odor (C1)         Sediment Deposits (B2)         Dry-Season Water Table (C2)         Stunted or         Drift Deposits (B3)         Algal Mat or Crust (B4)	ent? Yes $ullet$ No $igodom$
Secondary Indicators:       Secondary Indicators:         imary Indicators (any one is sufficient)       Inundation Visible on Aerial Imagery (B7)       Drainage Pa         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Pa         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized R4         Saturation (A3)       Marl Deposits (B15)       Presence of         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposit         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or         Drift Deposits (B3)       Other (Explain in Remarks)            Algal Mat or Crust (B4)	
etland Hydrology Indicators:       Secondary Indicators:         imary Indicators (any one is sufficient)       Inundation Visible on Aerial Imagery (B7)       Drainage Pa         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Pa         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized Rt         Saturation (A3)       Marl Deposits (B15)       Presence of         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposit         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or         Drift Deposits (B3)       Other (Explain in Remarks)            Algal Mat or Crust (B4)       Shallow Aquered	
imary Indicators (any one is sufficient)       Water Stair         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Pa         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized Rf         Saturation (A3)       Marl Deposits (B15)       Presence of         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposit         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or         Drift Deposits (B3)       Other (Explain in Remarks)       If Geomorphic         Algal Mat or Crust (B4)       Shallow Aquer       Shallow Aquer	
Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Pa         High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized R4         Saturation (A3)       Marl Deposits (B15)       Presence of         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposit         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or         Drift Deposits (B3)       Other (Explain in Remarks)       Image Pa         Algal Mat or Crust (B4)       Shallow Aquer       Stunded Pa	Indicators (two or more are required)
High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized RF         Saturation (A3)       Marl Deposits (B15)       Presence of         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposit         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or         Drift Deposits (B3)       Other (Explain in Remarks)          ✓ Geomorphic         Algal Mat or Crust (B4)          ✓ Shallow Aquered State	Stained Leaves (B9)
Saturation (A3)       Marl Deposits (B15)       Presence of         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposit         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or         Drift Deposits (B3)       Other (Explain in Remarks)       Image: Geomorphic         Algal Mat or Crust (B4)       Shallow Aque	age Patterns (B10)
Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposi         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or         Drift Deposits (B3)       Other (Explain in Remarks)       Image: Composition of the composition o	ed Rhizospheres along Living Roots (C
Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or         Drift Deposits (B3)       Other (Explain in Remarks)       Geomorphic         Algal Mat or Crust (B4)       Shallow Aque	nce of Reduced Iron (C4)
□ Drift Deposits (B3)       □ Other (Explain in Remarks)       ✓ Geomorphic         □ Algal Mat or Crust (B4)       ✓ Shallow Aquestical	eposits (C5)
Algal Mat or Crust (B4)	ed or Stressed Plants (D1)
	orphic Position (D2)
Iron Denosits (B5)	
	copographic Relief (D4)
Surface Soil Cracks (B6)	eutral Test (D5)

Wetland Hydrology Present?

Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:

Depth (inches):

Depth (inches):

Yes 🔿 No 🖲

Yes 🔘 No 🖲

## Remarks:

Water Table Present?

Saturation Present? (includes capillary fringe)

D2--proximity to stream. D3--sandy clay loam.

Yes 💿 No 🔾