## WETLAND DETERMINATION DATA FORM - Alaska Region

Project	/Site: Susitna-Watana Hydroelectric Project	Bo	orough/City:	Matanusk	a-Susitna Borough Sampling Date: 04-Jul-13			
Applica	nt/Owner: Alaska Energy Authority				Sampling Point: SW13_T124_04			
Investig	gator(s): JER	l	andform (hill	side, terrac	e, hummocks etc.): Footslope			
Local r	elief (concave, convex, none): flat		Slope:	%/ 7.1	Elevation: 706			
Subrea	ion : Southcentral Alaska	Lat e	52.77878320 <sup>2</sup>		Long.: -149.106254816 Datum: NAD83			
-	p Unit Name:		2.11010020		NWI classification: PSS1B			
	·		Yes	• No ()				
Are V Are V	egetation , Soil , or Hydrology r	significantly naturally pro wing sam	disturbed? oblematic?	Are "N (If nee	<ul> <li>(If no, explain in Remarks.)</li> <li>ormal Circumstances" present? Yes ● No ○</li> <li>ded, explain any answers in Remarks.)</li> <li>s, transects, important features, etc.</li> </ul>			
	Hydrophytic Vegetation Present? Yes $lacebox$ No $iglion$	)	1.0	the Com	where Arres			
	Hydric Soil Present? Yes  Ves No	)			1pled Area /etland? Yes  No O			
	Wetland Hydrology Present? Yes  No C	)	W	thin a W	etland? fes e No C			
Rema	arks: retransported slope w sml creek running through	and water-	filled depress	ions, beave	r dam at end of adjacent pond			
VEGE	TATION - Use scientific names of plants. Li	st all spe	cies in the	plot.				
		Absolute	Dominant	Indicator	Dominance Test worksheet:			
	e Stratum	% Cover	Species?	Status	Number of Dominant Species That are OBL, FACW, or FAC: 6 (A)			
1.					Total Number of Dominant			
2.		0			Species Across All Strata:7(B)			
3.		0			Percent of dominant Species			
4.		0			That Are OBL, FACW, or FAC: <u>85.7%</u> (A/B)			
5.		0			Prevalence Index worksheet:			
	Total Cover:				Total % Cover of: Multiply by:			
Sap	ling/Shrub Stratum 50% of Total Cover:	0 20%	of Total Cover:	0	OBL Species x 1 =			
1.	Salix pulchra	40	$\checkmark$	FACW	FACW Species <u>45</u> x 2 = <u>90</u>			
2.	Dasiphora fruticosa	10	$\checkmark$	FAC	FAC Species <u>57</u> x 3 = <u>171</u>			
3.	Spiraea stevenii	10	$\checkmark$	FACU	FACU Species <u>14</u> x 4 = <u>56</u>			
4.	Betula nana	5		FAC	UPL Species x 5 =			
5.	Vaccinium uliginosum	10	$\checkmark$	FAC	Column Totals: 116 (A) 317 (B)			
6.	Vaccinium vitis-idaea	5		FAC				
7.	Empetrum nigrum	5		FAC	Prevalence Index = B/A =			
8.		0			Hydrophytic Vegetation Indicators:			
9.		0			✓ Dominance Test is > 50%			
10.		0			✓ Prevalence Index is ≤3.0			
Her	Total Cover:		of Total Cover	: 17	Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)			
1.	Calamagrostis canadensis	10		FAC	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)			
2.	Valeriana capitata	5		FAC	<sup>1</sup> Indicators of hydric soil and wetland hydrology must			
3.	Equisetum arvense	5		FAC	be present, unless disturbed or problematic.			
4.	Solidago multiradiata	2		FACU	Plot size (radius, or length x width) <u>10m</u>			
5.	Sanguisorba canadensis	3		FACW	% Cover of Wetland Bryophytes			
6.	Polemonium acutiflorum			FAC	(Where applicable)			
7.	Viola palustris	1		FACW	% Bare Ground			
8.	Spinulum annotinum			FACU	Total Cover of Bryophytes			
9.	Petasites frigidus	1		FACW				
10.	Poa arctica	1		FAC	Hydrophytic			
	<b>Total Cover:</b> 50% of Total Cover:		of Total Cover	6.2	Vegetation Present? Yes  No			
Rem	arks: merpan 1, boyric 1, sphag 20, hylspl 30, surf w	ater 1, rub	ste 2, trieur 1					

deck (moint)       %       Code (moint)       %       Type       Lex."       Texture       Remarks         4-5       100	Depth —	Matrix				Redox Features						
4-5       100       Same Conjunics       mail grandls         5-10       107R       372       100       Loamy Sand       mail grandls         10-18       5Y       4/1       80       5YR       3/2       20       C       M       Sandy Leam       color change to 2.5yH/2         10-18       5Y       4/1       80       5YR       3/2       20       C       M       Sandy Leam       color change to 2.5yH/2         110-18       5Y       4/1       80       5YR       3/2       20       C       M       Sandy Leam       color change to 2.5yH/2         110-18       5Y       4/1       80       5YR       3/2       20       C       M       Sandy Leam       color change to 2.5yH/2         110-18       5YR       4/1       Abaska Apine swates (TA5)       Understing Layer       Understing Layer       Understing Layer       Histic Epidem (A2)       Abaska Apine swates (TA5)       Abaska Gleyed NHort (Explain in Remarks)       3 One indicator of hydrophydic vegetation, one primary indicator of wetand hydrology, Abaska Apine swates (TA5)       Abaska Gleyed NHort (A1)       Abaska Gleyed NHort (A1)       Abaska Gleyed NHort (A1)       Abaska Gleyed NHort (B1)       Abaska Gleyed NHort (A1)       Abaska Gleyed NHort (B1)       Abaska Gleyeed NHort (A1)       Abaska Gley		Color (moist)			Color (moist)		%	Type <sup>1</sup>	Loc <sup>2</sup>		R	emarks
5-10         10/R         3/2         100         Lammy Sand         anall gravels           1D-18         5Y         4/1         80         5YR         3/2         20         C         M         Sandy Leam         color change to 2.5yd/2           1D-18         5Y         4/1         80         5YR         3/2         20         C         M         Sandy Leam         color change to 2.5yd/2           1         Type: C=Concentration. D=Depletion, RM=Reduced Matrix         * Location: PL=Pore Lining, RC=Root Channel, M=Matrix         *         *           Mydric Soil Indicators:         Indicator for Problematic Hydric Soils?         Indicator Soils?             Histo: Epipedon (A2)         Alaska Relox VII 2.5Y thre         Other (Explain in Remarks)          Other (Explain in Remarks)           1Dric bark Surface (A12)         Alaska Relox (A12)         *         Alaska Gleyed Pores (A13)         *           Alaska Gleyed Ares (A13)         *         Give details of color change in Remarks         *            Setticitive Layer (I present):         Yes *         No               Surface Water Ref (A1)         Inundation Visible on Aerial Imagery (E7)         Derlinge Patterns (B10)										-		
10-18       5Y       4/1       80       5YR       3/2       20       C       M       Sendy Lown       color change to 2.5yl/2         **       The sender of the sender sender of the sender sender of the sender sender of the sender of the sender of the sender sender sender of the sender sender sender of the sender				100						Sapric Organics		
**Type: C=Concentration. D=Depletion. RM=Reduced Matrix       **Location: PL=Pere Lining. RC=Root Channel. M=Matrix         **Mydric Soil Indicators:       Indicators for Problematic Hydric Soils?         Histic Epipedin (A2)       Alaska Aplies weeks (TA3)         Hydrogen Sulfide (A1)       Alaska Aplies weeks (TA3)         Thick Dark Surface (A12)       Alaska Aplies weeks (TA3)         Alaska Gleyed Without Hue SY or Redder         Hydrogen Sulfide (A4)       Alaska Aplies weeks (TA3)         Alaska Redox (A14)       Alaska Redox (Mth 2.5Y Hue         Alaska Redox (A14)       * Give details of color change in Remarks         Retrictive Layer (present):       Type: frozen         Type: forzen       Bepth (inches): 18         WetIand Hydrology Indicators:       Finandation Visible on Aerial Imagery (87)         Primary Indicators (Sury one is sufficient)       Imundation Visible on Aerial Imagery (87)         Primary Indicators (B12)       Spansely Vegetated Concave Surface (88)         WetIand Hydrology Indicators:       Waster Stained Lawes (89)         Startation (A3)       Hwater Table (A2)         Startation (A3)       Hwater Table (C2)         High Water Table (R3)       Other (Explain in Remarks)         Sedimetry Deposits (83)       Other (Explain in Remarks)         Sedimetry Deposits (83)       Other (Explain in Rema	5-10	10YR	3/2	100						Loamy Sand	small gravels	
Hydric Soil Indicators:       Indicators for Problematic Hydric Soils <sup>2</sup> Histosol or Histel (A1)       Alaska Color Change (TA4) <sup>4</sup> Hists: Epipedon (A2)       Alaska Alpine svales (TA5)         Hydric Soil Indicators       Maska Alpine svales (TA5)         Thick Dark Surface (A12)       Jone Indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, and an appropriate landscape position must be present         Alaska Gleyed (A13)       4 Give details of color change in Remarks         Restrictive Layer (if present):       Ypersent?         Type: frozen       Hydric Soil Present?         Depth (inches): 18       Hydric Corol value (R14)         Sturbace Water (A1)       Inundation Visible on Aerial Imagery (B7)         Sufface Water (A1)       Inundation Visible on Aerial Imagery (B7)         Sturbace Nater (B1)       Mari Deposits (B15)         Water Marks (B1)       Hydric Soil Corol         Sturation (A3)       Mari Deposits (B15)         Other (Explain in Remarks)       Sturation (A3)         Hydric Soil Present?       Yes No         Dirit Deposits (B3)       Other (Explain in Remarks)         Sturation (A3)       Hydric Goro         Hydric Soil Present?       Yes No         Dirit Deposits (B3)       Other (Explain in Remarks)         Jone toposits (B3)<	10-18	5Y	4/1	80	5YR	3/2	20	C	M	Sandy Loam	color change to 2.	5y4/2
Hydric Soil Indicators:       Indicators for Problematic Hydric Soils <sup>2</sup>												
Hydric Soil Indicators:       Indicators for Problematic Hydric Soils <sup>2</sup>												
Hydric Soil Indicators:       Indicators for Problematic Hydric Soils <sup>2</sup>	- <u> </u>									-	_	
Hydric Soil Indicators:       Indicators for Problematic Hydric Soils <sup>2</sup>						-	-				_	
Hydric Soil Indicators:       Indicators for Problematic Hydric Soils <sup>2</sup>	<sup>1</sup> Type: C=Concent	tration. D=	Depletion.	RM=Redu	iced Matrix	<sup>2</sup> Location	: PL=Por	e Linina. RC	=Root Cha	annel. M=Matrix	-	
I Histosol or Histel (A1)       I Alaska Color Change (TA4) <sup>4</sup> I Alaska Cleyed Without Hue SY or Redder Underlying Layer         I Histosol or Mistel (A1)       Alaska Alpine swales (TA5)       Underlying Layer         I Histosol or Mistel (A1)       Alaska Redox With 2.SY Hue       Other (Explain in Remarks)         Alaska Gleyed (A13)       Alaska Redox (A14)       Alaska Redox (A14)         Alaska Redox (A14)       4 Give details of color change in Remarks         Restrictive Layer (if present):       Type: frozen       Hydric Soil Present? Yes No         Depth (inches): 18       Permark site       Wetrand Hydrology Indicators:         Pimary Indicators (Invo on: is sufficient)       Inundation Visible on Aerial Imagery (B7)       Drainage Patterns (B10)         Ying Water Table (A2)       Sparsely Vegetad Concave Surface (B8)       Oxdided Rhizospheres along Living Roots (C3)         Saturation (A3)       Hard Deposits (B15)       Presence of Reduced Iron (C4)         Water Marks (B1)       Hydrogen Sulfide Cdor (C1)       Saturation (D3)         Geomorphic Positin (D3)       Orther (Explain in Remarks)       Geomorphic Robits (D3)         Water Marks (B1)       Hydrogen Sulfide Cdor (C1)       Sature Robits (D1)       Sature Robits (D1)         Yes Water (A1)       Droheposits (B3)       Other (Explain in Remarks)       Geomorphic Positon (D2)         Satu			-					-				
I Histic Epipedon (A2)       Alaska Alpine swales (TA5)       Underlying Layer         I Histic Epipedon (A2)       Alaska Redox With 2.5Y Hue       Other (Explain in Remarks)         Thick Dark Sufface (A12)       * One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, and an appropriate landscape position must be present         Alaska Gleyed (A13)       and an appropriate landscape position must be present         Alaska Gleyed Pores (A15)       * Give details of color change in Remarks         Restrictive Layer (if present):       Type: frozen         Depth (inches): 18       Hydric Soil Present? Yes No         Wetland Hydrology Indicators:       Secondary Indicators (two or more are required)         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)         Surface Water (A1)       Inundation Visible on Aerial Imagery (B7)         Surface Water (A1)       Sparsety Vegetated Concave Surface (B8)         Oxidized Rhizospheres along Living Roots (C3)       Oxidized Rhizospheres along Living Roots (C3)         Surface Water (A1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (B2)         Orthor Eposits (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (C5)         Surface Water S(B1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (C5)         Surface S(B2)       Dry-Season Water Table (C2)       Sunted or Stressed Plants (D1)	_							4	511 <b>3</b> .	Alaska Cleved Without H	lue 5V or Pedder	
Image: Hydrogen Sulfide (A4)       Image: Alaska Redox With 2.5Y Hue       Other (Explain in Remarks)         Image: Hydrogen Sulfide (A4)       Image: Alaska Redox With 2.5Y Hue       Other (Explain in Remarks)         Image: Alaska Redox (A14)       Image: Alaska Redox (A14)       Image: Alaska Redox (A14)         Image: Alaska Redox (A14)       Image: Alaska Redox (A14)       Image: Alaska Redox (A14)         Image: Alaska Redox (A14)       Image: Alaska Redox (A14)       Image: Alaska Redox (A14)         Image: Alaska Redox (A14)       Image: Alaska Redox (A14)       Image: Alaska Redox (A14)         Image: Alaska Redox (A14)       Image: Alaska Redox (A14)       Image: Alaska Redox (A14)         Image: Alaska Redox (A14)       Image: Alaska Redox (A14)       Image: Alaska Redox (A14)         Image: Alaska Redox (A14)       Image: Alaska Redox (A14)       Image: Alaska Redox (A14)         Image: Alaska Redox (A14)       Image: Alaska Redox (A14)       Image: Alaska Redox (A14)         Image: Alaska Redox (A14)       Image: Alaska Redox (A14)       Image: Alaska Redox (A14)         Image: Alaska Redox (A14)       Image: Alaska Redox (A14)       Image: Alaska Redox (A14)         Image: Alaska Redox (A14)       Image: Alaska Redox (A14)       Image: Alaska Redox (A14)         Image: Alaska Redox (A14)       Image: Alaska Redox (A14)       Image: Alaska Redox (A14)         Im	_	. ,						-			Ide 51 OF Redder	
□       Thick Dark Surface (A12)       □ One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, and an appropriate landscape position must be present         □       Alaska Gleyed (A13)       ■ dive details of color change in Remarks         ■       Alaska Gleyed Pores (A15)       ■ Give details of color change in Remarks         Restrictive Layer (if present):       Type: frozen       Hydric Soil Present? Yes No         Depth (inches): 18       ■       Hydric Soil Present? Yes No         Wetland Hydrology Indicators:       Primary Indicators (two or more are required)         Primary Indicators (any one is sufficient)       □       Inundation Visible on Aerial Imagery (87)       □         ✓ High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       □       Oxidized Rhisopheres along Living Roots (C3)         ✓ Haver Marks (B1)       □       Hydrogen Suffice Odar (C1)       □       Saturation (A3)       □         □       Saturation (A3)       □       Orbit Deposits (B3)       ○       Oxidized Rhisopheres along Living Roots (C3)         □       Saturation (A3)       □       Dry-Season Water Table (C2)       □       Saturation (D3)         □       Other (Explain in Remarks)       ☑       Geomorphic Position (D2)       Saturation (D3)         □       Other (Explain in Remarks)       ☑       <		. ,					•	,		Other (Explain in Remar	·ks)	
Alaska Gleyed (A13)       3 One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, and an appropriate landscape position must be present         Alaska Gleyed Pores (A15)       4 Give details of color change in Remarks         Restrictive Layer (if present):       Type: frozen         Depth (inches): 18       Hydric Soil Present? Yes ● No ○         Avertand Hydrology Indicators:       Hydric Soil Present? Yes ● No ○         Primary Indicators (any one is sufficient)       Inundation Visible on Aerial Imagery (B7)         ✓ Surface Water (A1)       Sparsely Vegetated Concave Surface (B8)         ✓ Surface Water (A1)       Marka (B1)         ✓ Hydrogen Surface (B2)       Dory Season Water Table (A2)         ✓ Saturation (A3)       Mari Deposits (B15)         ✓ Hydrogen Sulfide Odor (C1)       Saturation (C4)         ✓ Surface (B3)       Other (Explain in Remarks)         ✓ Geomorphic Position (D2)       Shillow Aquitard (D3)         In undation Sister (B5)       Presence of Reduced Iron (C4)         ✓ Surface Stature       Surface (B6)         Fild Observations:       Surface (B6)         Surface Roter Present?       Yes ● No ● Depth (inches): 7         Water Table Present?       Yes ● No ● Depth (inches): 7         Water Table Present?       Yes ● No ● Depth (inches): 2		• •										
□ Alaska Redox (A14)       *Give details of color change in Remarks         Restrictive Layer (if present):       Type: frozen         Depth (inches): 18       Hydric Soil Present? Yes ● No ○         Remarks:       Hydric Soil Present? Yes ● No ○         MURDLOGY       Secondary Indicators (two or more are required)         Primary Indicators (any one is sufficient)       □ Inundation Visible on Aerial Imagery (B7)         ☑ Surface Water Table (A2)       Sparsely Vegetated Concave Surface (B8)         ☑ Water Table (A2)       Sparsely Vegetated Concave Surface (B8)         ☑ Water Marks (B1)       □ Hydrogen Sulfide Odor (C1)         □ Surface (B2)       □ Orbits (B1)         □ Jurit Deposits (B2)       □ Orbits (B2)         □ Jurit Deposits (B3)       □ Other (Explain in Remarks)         ☑ Surface Soll Cracks (B6)       □ Arustrable Present?         Fild Observations:       Surface (B6)         Surface Soll Cracks (B6)       □ Depth (inches): 0         Water Table Present?       Yes ● No ○         Water Table Present?       Yes ● No ○         □ Arust Present?       Yes ● No ○         □ Bepth (inches): 7       Wetland Hydrology Present?       Yes ● No ○		```			<sup>3</sup> One i	indicator of	hydrophyt	tic vegetation	n, one prir	mary indicator of wetland	hydrology,	
Akask diefed Piter (A1.5)       -         Restrictive Layer (if present):       Type: frozen         Depth (inches): 18       -         Remarks:       -         MYDROLOGY       -         Wetland Hydrology Indicators:       -         Primary Indicators (any one is sufficient)       -         Surface Water (A1)       -         Surface Water (B2)       -         Surface Statustion (A3)       -         Hydrogen Suff do Codr (C1)       -         Saturation (A3)       -         Hydrogen Suff do Codr (C1)       -         Staturation (A3)       -         Hydrogen Suff do Codr (C1)       -         Staturation (B3)       -       Other (Explain in Remarks)         Staturation Pr	Alaska Redox (	(A14)							•	esent		
Type:       frozen       Pepth (inches): 18         Remarks:       Image: Secondary Indicators:       No O         Primary Indicators:       Secondary Indicators (two or more are required)         Primary Indicators (any one is sufficient)       Image: No O         Yuface Water (A1)       Inundation Visible on Aerial Imagery (B7)       Drainage Patterns (B10)         Yuface Water (A1)       Sparsely Vegetated Concave Surface (B8)       Oxidized Rhizospheres along Living Roots (C3)         Yuface Water (A1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (B15)       Presence of Reduced Iron (C4)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (C5)       Stunted or Stressed Plants (D1)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or Stressed Plants (D1)       Stunted or Stressed Plants (D1)         Info Deposits (B3)       Other (Explain in Remarks)       Geomorphic Position (D2)       Shallow Aquitard (D3)         Iron Deposits (B5)       Sturate Constreast (B6)       FAC-neutral Test (D5)       FAC-neutral Test (D5)         Field Observations:       Surface Water Present?       Yes No       Depth (inches): 7       Mater Table Present?       Yes No       So         Sutration Present?       Yes No       Depth (inches): 2       Metland Hydrology Present?       Yes No       No	Alaska Gleyed	Pores (A15	5)		<sup>4</sup> Give	details of co	olor change	e in Remarl	S			
Depth (inches): 18         Remarks:         HYDROLOGY         Wetland Hydrology Indicators:         primary Indicators (any one is sufficient)         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)         Mart Deposits (B15)         Dry-Season Water Table (C2)         Sturface Soil Cracks (B6)         Field Observations:         Surface Soil Cracks (B6)         Field Observations:         Surface Roil Present?         Yes No       Depth (inches): 7         Saturation Present?       Yes No         Depth (inches): 2	Restrictive Layer (if	present):										
Agemarks:       Image: Secondary Indicators:         Primary Indicators (any one is sufficient)       Surface Water (A1)         Imany Indicators (any one is sufficient)       Water Stained Leaves (B9)         Imany Indicators (any one is sufficient)       Water Stained Leaves (B9)         Imany Indicators (any one is sufficient)       Water Stained Leaves (B9)         Imany Indicators (any one is sufficient)       Water Stained Leaves (B9)         Imany Indicators (any one is sufficient)       Drainage Patterns (B10)         Imany Indicator (A2)       Sparsely Vegetated Concave Surface (B8)         Imany Indicator (A3)       Marl Deposits (B15)         Imany Indeposits (B1)       Hydrogen Sulfide Odor (C1)         Imany Indeposits (B2)       Dry-Season Water Table (C2)         Imany Indeposits (B3)       Other (Explain in Remarks)         Imany Information Deposits (B5)       Imany Information (D2)         Imany Information Deposits (B5)       Imany Information (D2)         Imany Information Deposits (B5)       Imany Information (D3)         Imany Informati	Type: frozen									Hydric Soil Present? Yes $ullet$ No $igodot$		
AYDROLOGY         Wetiand Hydrology Indicators:	Depth (inches):	18										
Wetland Hydrology Indicators:       Secondary Indicators (two or more are required)         Primary Indicators (any one is sufficient)       Water (A1)       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)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or Stressed Plants (D1)         Ø Algal Mat or Crust (B4)       Ø Shallow Aquitard (D3)       Microtopographic Relief (D4)         I ron Deposits (B5)       Depth (inches): 0       Microtopographic Relief (D4)         Surface Water Present?       Yes No       Depth (inches): 7         Water Table Present?       Yes No       Depth (inches): 2		,										
Primary Indicators (anv one is sufficient)       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)         ✓ Inon Deposits (B5)       Microtopographic Relief (D4)       Shallow Aquitard (D3)         ✓ Inon Deposits (B5)       Depth (inches): 0       Microtopographic Relief (D4)         ✓ Surface Water Present?       Yes No       Depth (inches): 7       Wetland Hydrology Present?       Yes No       No         Saturation Present?       Yes No       Depth (inches): 2       Depth (inches): 2       Microtopographer Relief?       Yes No       No			<b>t</b> owo:							Constant Ind		
✓ 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)         ○ Drift Deposits (B3)       Other (Explain in Remarks)       ✓ Geomorphic Position (D2)         ○ Drift Deposits (B3)       Other (Explain in Remarks)       ✓ Shallow Aquitard (D3)         □ Iron Deposits (B5)       Microtopographic Relief (D4)       FAC-neutral Test (D5)         Field Observations:       Surface Water Present?       Yes No       Depth (inches): 0         Water Table Present?       Yes No       Depth (inches): 2       Wetland Hydrology Present?       Yes No				)								re are required)
✓ 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)         □ Drift Deposits (B3)       □ Other (Explain in Remarks)       ✓ Geomorphic Position (D2)         □ Algal Mat or Crust (B4)       □ Other (Explain in Remarks)       ✓ Shallow Aquitard (D3)         □ Iron Deposits (B5)       □ Depth (inches): 0       □ Depth (inches): 7         Water Table Present?       Yes ● No ○       Depth (inches): 2		Inundation Visible on Aerial Imagery (B7)					_	. ,				
✓ Saturation (A3) <ul> <li>Marl Deposits (B15)</li> <li>Hydrogen Sulfide Odor (C1)</li> <li>Saturation Present?</li> <li>Yes ● No ○</li> <li>Depth (inches): 2</li> </ul> Presence of Reduced Iron (C4)         ✓ Shallow Aquitard (D3) <ul> <li>Stunted or Stressed Plants (D1)</li> <li>Stunted (D3)</li> <li>Microtopographic Relief (D4)</li> <li>FAC-neutral Test (D5)</li> </ul> Field Observations:       Surface Water Present?       Yes ● No ○       Depth (inches): 7         Saturation Present?       Yes ● No ○       Depth (inches): 2       Wetland Hydrology Present?       Yes ● No ○												
□ 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:       Surface Water Present?       Yes ● No ●         Sutartion Present?       Yes ● No ●       Depth (inches): 7         Saturation Present?       Yes ● No ●       Depth (inches): 2						. ,						
□ 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): 0         Surface Water Present?       Yes ● No ● Depth (inches): 7         Saturation Present?       Yes ● No ● Depth (inches): 2	Water Marks (	🗌 H	Hydrogen Sulfide Odor (C1)				Salt Deposits (C5)					
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 ● Depth (inches): 0 Water Table Present? Yes ● No ● Depth (inches): 7 Saturation Present? Yes ● No ● Depth (inches): 2   Wetland Hydrology Present? Yes ● No ● Depth (inches): 2												
□ Iron Deposits (B5)       □ Microtopographic Relief (D4)         □ Surface Soil Cracks (B6)       □ FAC-neutral Test (D5)         Field Observations:       Surface Water Present?       Yes ● No ●       Depth (inches): 0         Water Table Present?       Yes ● No ●       Depth (inches): 7       Wetland Hydrology Present?       Yes ● No ●         Saturation Present?       Yes ● No ●       Depth (inches): 2       Peth (inches): 2       No ●	_ '	o	Uther (Explain in Remarks)									
□ Surface Soil Cracks (B6)       □ FAC-neutral Test (D5)         Field Observations:       Surface Water Present?       Yes ○ No ○ Depth (inches): 0         Water Table Present?       Yes ● No ○ Depth (inches): 7       Wetland Hydrology Present? Yes ● No ○         Saturation Present?       Yes ● No ○ Depth (inches): 2       Wetland Hydrology Present? Yes ● No ○		• • •								_		
Field Observations:       Surface Water Present?       Yes       No       Depth (inches): 0         Water Table Present?       Yes       No       Depth (inches): 7       Wetland Hydrology Present?       Yes       No         Saturation Present?       Yes       No       Depth (inches): 7       Depth (inches): 2       Wetland Hydrology Present?       Yes       No		• •										)
Surface Water Present?       Yes       No       Depth (inches):       0         Water Table Present?       Yes       No       Depth (inches):       7         Saturation Present? (includes capillary fringe)       Yes       No       Depth (inches):       2		. ,									ai 1851 (D3)	
Water Table Present?       Yes        No        Depth (inches): 7       Wetland Hydrology Present?       Yes        No          Saturation Present? (includes capillary fringe)       Yes        No        Depth (inches): 2       Vetland Hydrology Present?       Yes        No			Yes $\bigcirc$	No 🖲	П	epth (inche	s): ()					
Saturation Present? (includes capillary fringe) Yes  No  Depth (inches): 2									Wetla	nd Hydrology Prese	nt? Yes 🖲	
	Saturation Present	t?										
									1			
		Data (stre	am gauge,	monitor w	ell, aerial p	ohotos, prev	ious inspe	ection) if ava	ailable:			

surface water in depressions, creek running through plot