## WETLAND DETERMINATION DATA FORM - Alaska Region

	ct/Site: Susitna-Watana Hydroelectric Project		Borough/City:	Denali Bo	prough Sampling Date: 31-Jul-13
Applic	cant/Owner: Alaska Energy Authority				Sampling Point: SW13_T158_06
	tigator(s): CTS, AMD		Landform (hil	lside, terrac	ce, hummocks etc.): Flat
	relief (concave, convex, none): flat		Slope:	% / 0.9	
	egion : Interior Alaska Mountains	l at ·	 63.36746418	 52	Long.: -148.751372933 Datum: NAD83
	lap Unit Name:	Lutii	03.30740410	<u> </u>	NWI classification: PSS1B
		time of us	or2 Voc	● No ○	
	imatic/hydrologic conditions on the site typical for this Vegetation $\Box$ , Soil $\Box$ , or Hydrology $\Box$	•	ar? res ntly disturbed?		(If no, explain in Remarks.)  Iormal Circumstances" present? Yes ● No ○
	Vegetation , Soil , or Hydrology	-	problematic?		eded, explain any answers in Remarks.)
		-		·	•
SUM	MARY OF FINDINGS - Attach site map sh	owing sa	ampling point	locations	s, transects, important features, etc.
	Hydrophytic Vegetation Present? Yes   No	0		410	. I. I. A
	Hydric Soil Present? Yes ● No	$\bigcirc$			pled Area letland? Yes ● No ○
	Wetland Hydrology Present? Yes   No	0	W	ithin a W	retland? fes © No C
Rem	narks:				
VEG	<b>ETATION</b> -Use scientific names of plants.	List all sp	pecies in the	plot.	
		Absolut			Dominance Test worksheet:
Tre	ee Stratum	% Cove		Status	Number of Dominant Species  That are ORL FACW or FAC:
1.		0			That are OBL, FACW, or FAC: 3 (A)
2.		0			Total Number of Dominant Species Across All Strata:3 (B)
3.		0			Percent of dominant Species
4.		0	_ 🔲		That Are OBL, FACW, or FAC: 100.0% (A/B)
5.		0	_		Prevalence Index worksheet:
	Total Cov		_		Total % Cover of: Multiply by:
Sa	pling/Shrub Stratum 50% of Total Cover:	0 20	% of Total Cover	:0	OBL Species x 1 =1
1.	Betula nana	10		FAC	FACW Species 48 x 2 = 96
2.	Rhododendron tomentosum	30	<u> </u>	FACW	FAC Species 42.1 x 3 = 126.3
3.	Vaccinium uliginosum	25		FAC	FACU Species 0 x 4 = 0
4.	Vaccinium vitis-idaea	2			
				FAC	UPL Species <u>0</u> x 5 = <u>0</u>
5.	Salix pulchra	2		FACW	Column Totals: 91.1 (A) 223.3 (B)
6.	Empetrum nigrum	3			Column Totals: 91.1 (A) 223.3 (B)
6. 7.	Empetrum nigrum	3		FACW	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451
6. 7. 8.	Empetrum nigrum	2 3 0 0		FACW	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:
6. 7. 8. 9.	Empetrum nigrum	2 3 0 0		FACW	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  Dominance Test is > 50%
6. 7. 8.	Empetrum nigrum	2 3 0 0 0		FACW	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  ✓ Dominance Test is > 50%  ✓ Prevalence Index is ≤ 3.0
6. 7. 8. 9.	Empetrum nigrum	2 3 0 0 0 0 0		FAC	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  Dominance Test is > 50%
6. 7. 8. 9.	Empetrum nigrum  Total Coverb Stratum  50% of Total Cover:	2 3 0 0 0 0 0 er: 72 36 2	0% of Total Cove	FAC	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  ✓ Dominance Test is > 50%  ✓ Prevalence Index is ≤3.0  Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
6. 7. 8. 9. 10.	Empetrum nigrum  Total Coverb Stratum  Rubus chamaemorus	2 3 0 0 0 0 0 er: 72 36 21	0% of Total Cove	FACW FAC	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  ✓ Dominance Test is > 50%  ✓ Prevalence Index is ≤3.0  ☐ Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)  ☐ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
6. 7. 8. 9. 10. <b>He</b>	Empetrum nigrum  Total Coverb Stratum  Rubus chamaemorus	2 3 0 0 0 0 0 er: 72 36 2 15 2	O% of Total Cove	FACW FAC  T: 14.4 FACW	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  ✓ Dominance Test is > 50%  ✓ Prevalence Index is ≤3.0  Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
6. 7. 8. 9. 10. <b>He</b> 1. 2.	Total Cover:  Rubus chamaemorus  Carex bigelowii  Calamagrostis canadensis	2 3 0 0 0 0 0 0 0 15 2 0.1	0% of Total Cove	FACW FAC  T: 14.4 FACW FAC	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  ✓ Dominance Test is > 50%  ✓ Prevalence Index is ≤3.0  ☐ Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)  ☐ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
6. 7. 8. 9. 10. <b>He</b> 1. 2. 3.	Total Cover:  Stratum  Rubus chamaemorus  Carex bigelowii  Calamagrostis canadensis	2 3 0 0 0 0 0 0 er: 72 36 2 15 2 0.1	0% of Total Cove	FACW FAC FACW FAC FAC FAC	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  ✓ Dominance Test is > 50%  ✓ Prevalence Index is ≤3.0
6. 7. 8. 9. 10. <b>He</b> 1. 2. 3. 4. 5.	Total Cover:  Stratum  Rubus chamaemorus  Carex bigelowii  Calamagrostis canadensis  Eriophorum vaginatum	2 3 0 0 0 0 0 0 er: 72 36 2 15 2 0.1 1	0% of Total Cove	FACW FAC FACW FAC FACW FAC FACW	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  ✓ Dominance Test is > 50%  ✓ Prevalence Index is ≤3.0  ☐ Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)  ☐ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)  ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
6. 7. 8. 9. 10. <b>Hee</b> 1. 2. 3. 4. 5. 6. 7.	Total Cover:  Stratum  Rubus chamaemorus  Carex bigelowii  Calamagrostis canadensis  Eriophorum vaginatum  Trichophorum alpinum	2 3 0 0 0 0 0 0 er: 72 36 2 15 2 0.1 1 1 0 0	0% of Total Cove	FACW FAC FACW FAC FACW FAC FACW	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  ✓ Dominance Test is > 50%  ✓ Prevalence Index is ≤3.0  ☐ Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)  ☐ Problematic Hydrophytic Vegetation¹ (Explain)  ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.  Plot size (radius, or length x width) 10m  % Cover of Wetland Bryophytes
6. 7. 8. 9. 10. Hee 1. 2. 3. 4. 5. 6. 7. 8.	Total Coverb Stratum  Rubus chamaemorus Carex bigelowii Calamagrostis canadensis Eriophorum vaginatum Trichophorum alpinum	2 3 0 0 0 0 0 0 er: 72 36 2 15 2 0.1 1 1 0 0 0	0% of Total Cove	FACW FAC FACW FAC FACW FAC FACW	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  ✓ Dominance Test is > 50%  ✓ Prevalence Index is ≤3.0      Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)      Problematic Hydrophytic Vegetation <sup>1</sup> (Explain) <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.  Plot size (radius, or length x width) 10m  % Cover of Wetland Bryophytes (Where applicable)
6. 7. 8. 9. 10. Hee 1. 2. 3. 4. 5. 6. 7. 8. 9.	Total Coverb Stratum 50% of Total Cover: Rubus chamaemorus Carex bigelowii Calamagrostis canadensis Eriophorum vaginatum Trichophorum alpinum	2 3 0 0 0 0 0 0 0 0 15 2 0.3 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0% of Total Cove	FACW FAC FACW FAC FACW FAC FACW	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  ✓ Dominance Test is > 50%  ✓ Prevalence Index is ≤3.0      Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)      Problematic Hydrophytic Vegetation <sup>1</sup> (Explain) <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.  Plot size (radius, or length x width) 10m  % Cover of Wetland Bryophytes (Where applicable)  % Bare Ground 1
6. 7. 8. 9. 10. Hee 1. 2. 3. 4. 5. 6. 7. 8. 9.	Total Coverb Stratum 50% of Total Cover:  Rubus chamaemorus Carex bigelowii Calamagrostis canadensis Eriophorum vaginatum Trichophorum alpinum	2 3 0 0 0 0 0 0 0 0 15 2 0.1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0% of Total Cove	FACW FAC FACW FAC FACW FAC FACW	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  ✓ Dominance Test is > 50%  ✓ Prevalence Index is ≤3.0  ☐ Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)  ☐ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain) <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.  Plot size (radius, or length x width) 10m  % Cover of Wetland Bryophytes (Where applicable)  % Bare Ground 1 Total Cover of Bryophytes 25
6. 7. 8. 9. 10. Hee 1. 2. 3. 4. 5. 6. 7. 8. 9.	Total Coverb Stratum 50% of Total Cover: Rubus chamaemorus Carex bigelowii Calamagrostis canadensis Eriophorum vaginatum Trichophorum alpinum	2 3 0 0 0 0 0 0 0 0 15 2 0.1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 19.1	0% of Total Cove	FACW FAC FACW FAC FACW FAC FACW OBL	Column Totals: 91.1 (A) 223.3 (B)  Prevalence Index = B/A = 2.451  Hydrophytic Vegetation Indicators:  ✓ Dominance Test is > 50%  ✓ Prevalence Index is ≤3.0  ☐ Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)  ☐ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain) <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.  Plot size (radius, or length x width) 10m  % Cover of Wetland Bryophytes (Where applicable)  % Bare Ground 1 Total Cover of Bryophytes 25

US Army Corps of Engineers Alaska Version 2.0

SOIL Sampling Point: SW13\_T158\_06

Depth –			Re		1		
(inches)	Color (moist)		Color (moist)	<u>%</u> 1	Гуре <sup>1</sup> Loc		Remarks
0-3						Hemic Organics	
3-12						Sapric Organics	
-						_	
						-	
Type: C=Conce	entration. D=Deplet	ion. RM=Reduce	d Matrix <sup>2</sup> Locatio	n: PL=Pore Li	ning. RC=Root (	— ————————————————————————————————————	
Hydric Soil Ind	icators:		Indicators for P	roblematic H	ydric Soils: <sup>3</sup>		
Histosol or H	istel (A1)		Alaska Color C	Change (TA4)		Alaska Gleyed Without	t Hue 5Y or Redder
✓ Histic Epiped	lon (A2)		Alaska Alpine	swales (TA5)		Underlying Layer	
Hydrogen Su	ılfide (A4)		Alaska Redox	With 2.5Y Hue		Other (Explain in Rem	arks)
Thick Dark S	urface (A12)		_				
Alaska Gleye	d (A13)		One indicator o and an appropria			rimary indicator of wetlan	d hydrology,
Alaska Redox	x (A14)					present	
Alaska Gleye	d Pores (A15)		<sup>4</sup> Give details of o	color change in	Remarks		
estrictive Layer						Under Call Box on	nt? Yes ● No ○
IVDE: Activa						Hydric Soil Prese	nt? Yes ♥ No ∪
Type: Active Depth (inchesemarks:	•						
	•						
Depth (inches emarks:	s): 12 Y						
Depth (inches emarks:  YDROLOG Wetland Hydrol	Y logy Indicators:						ndicators (two or more are required)
Depth (inches emarks:  YDROLOG Vetland Hydrol Primary Indicator	Y logy Indicators: rs (any one is suffic	ent)				Water S	itained Leaves (B9)
Depth (inches emarks:  YDROLOG Vetland Hydrol Primary Indicator Surface Wat	Y logy Indicators: rs (any one is sufficer (A1)	ent)			al Imagery (B7)	Water S Drainag	itained Leaves (B9) e Patterns (B10)
PDEPTH (inches emarks:  YDROLOG Vetland Hydrol Primary Indicator Surface Wat High Water	Y logy Indicators: rs (any one is sufficer (A1) Table (A2)	ient)	Sparsely Ve	getated Concav	al Imagery (B7) ve Surface (B8)	Water S Drainag Oxidized	itained Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3
Depth (inches emarks:  YDROLOG Vetland Hydrol Primary Indicator Surface Wat High Water V Saturation (A	Y logy Indicators: rs (any one is sufficer (A1) Table (A2) A3)	ient)	Sparsely Veg	getated Concav ts (B15)	ve Surface (B8)	Water S Drainag Oxidized Presence	itained Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3 e of Reduced Iron (C4)
Primary Indicator  Surface Wat  High Water  Saturation (  Water Marks	Y logy Indicators: rs (any one is sufficer (A1) Table (A2) A3) s (B1)	ient)	Sparsely Ve	getated Concav ts (B15) ulfide Odor (C1	ve Surface (B8)	Water S Drainag Oxidized Presenc Salt Dep	stained Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3 e of Reduced Iron (C4) posits (C5)
Primary Indicator  Surface Water  Saturation (A  Water Marks  Sediment De	Y logy Indicators: rs (any one is sufficer (A1) Table (A2) A3) s (B1) eposits (B2)	ient)	Sparsely Veg Marl Deposit Hydrogen St Dry-Season	getated Concav ts (B15) ulfide Odor (C1 Water Table (C	ve Surface (B8)	Water S Drainag Oxidized Presenc Salt Dep Stunted	stained Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3 e of Reduced Iron (C4) posits (C5) or Stressed Plants (D1)
Popth (inches emarks:  YDROLOG Vetland Hydrol Primary Indicator  Surface Wat  High Water ✓ Saturation (in  Water Marks Sediment De  Drift Deposit	Y logy Indicators: rs (any one is sufficier (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3)	ient)	Sparsely Veg Marl Deposit Hydrogen St Dry-Season	getated Concav ts (B15) ulfide Odor (C1	ve Surface (B8)	Water S Drainag Oxidized Presenc Salt Dep Stunted ✓ Geomor	itained Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3 e of Reduced Iron (C4) posits (C5) or Stressed Plants (D1) phic Position (D2)
Depth (inches emarks:  YDROLOG Vetland Hydrol Primary Indicator  Surface Wate High Water ✓ Saturation (  Water Marks Sediment De Drift Deposit Algal Mat or	Y logy Indicators: rs (any one is sufficer (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4)	ient)	Sparsely Veg Marl Deposit Hydrogen St Dry-Season	getated Concav ts (B15) ulfide Odor (C1 Water Table (C	ve Surface (B8)	Water S □ Drainag □ Oxidized □ Presenc □ Salt Dep □ Stunted ☑ Geomor ☑ Shallow	Italianed Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3) e of Reduced Iron (C4) posits (C5) or Stressed Plants (D1) phic Position (D2) Aquitard (D3)
Pepth (inches emarks:  YDROLOG Vetland Hydrol Primary Indicator  Surface Wate High Water ✓ Saturation (i Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit	Y logy Indicators: rs (any one is sufficer (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) rs (B5)	ient)	Sparsely Veg Marl Deposit Hydrogen St Dry-Season	getated Concav ts (B15) ulfide Odor (C1 Water Table (C	ve Surface (B8)	□ Water S □ Drainag □ Oxidizer □ Presenc □ Salt Dep □ Stunted ☑ Geomor ☑ Shallow □ Microtop	tained Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3 e of Reduced Iron (C4) posits (C5) or Stressed Plants (D1) phic Position (D2) Aquitard (D3) pographic Relief (D4)
Pepth (inches emarks:  YDROLOG Vetland Hydrol Surface Wat High Water Saturation ( Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil	Y logy Indicators: rs (any one is sufficer (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) ts (B5) Cracks (B6)	ient)	Sparsely Veg Marl Deposit Hydrogen St Dry-Season	getated Concav ts (B15) ulfide Odor (C1 Water Table (C	ve Surface (B8)	□ Water S □ Drainag □ Oxidizer □ Presenc □ Salt Dep □ Stunted ☑ Geomor ☑ Shallow □ Microtop	Italianed Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3) e of Reduced Iron (C4) posits (C5) or Stressed Plants (D1) phic Position (D2) Aquitard (D3)
Primary Indicator  Vater Market  Saturation (  Water Market  Sediment Deposit  Algal Mat or  Iron Deposit  Surface Soil  Itield Observations	Y logy Indicators: rs (any one is sufficer (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) rs (B5) Cracks (B6) ons:		Sparsely Ved Marl Deposit Hydrogen St Dry-Season Other (Expla	getated Concav ts (B15) ulfide Odor (C1 Water Table (C ain in Remarks)	ve Surface (B8)	□ Water S □ Drainag □ Oxidizer □ Presenc □ Salt Dep □ Stunted ☑ Geomor ☑ Shallow □ Microtop	tained Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3 e of Reduced Iron (C4) posits (C5) or Stressed Plants (D1) phic Position (D2) Aquitard (D3) pographic Relief (D4)
Primary Indicator  Vater Market  Saturation (  Water Market  Sediment Deposit  Algal Mat or  Iron Deposit  Surface Soil  Itield Observations	Y logy Indicators: rs (any one is suffice (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) rs (B5) Cracks (B6) ons: resent? Yes	○ No •	Sparsely Veg Marl Deposit Hydrogen St Dry-Season	getated Concav ts (B15) ulfide Odor (C1 Water Table (C ain in Remarks)	ve Surface (B8)	Water S □ Drainag □ Oxidized □ Presenc □ Salt Dep □ Stunted ☑ Geomor ☑ Shallow □ Microtop ☑ FAC-neu	etained Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3) e of Reduced Iron (C4) posits (C5) or Stressed Plants (D1) phic Position (D2) Aquitard (D3) pographic Relief (D4) utral Test (D5)
Popth (inches emarks:  YDROLOG Vetland Hydrol Primary Indicator Surface Wate High Water Saturation (in the water Marks) Sediment Decorate Algal Mat or Iron Deposit	Y logy Indicators: rs (any one is suffice (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) rs (B5) Cracks (B6) ons: resent? Yes		Sparsely Ved Marl Deposit Hydrogen St Dry-Season Other (Expla	getated Concavets (B15) ulfide Odor (C1 Water Table (Cain in Remarks)	ve Surface (B8)	□ Water S □ Drainag □ Oxidizer □ Presenc □ Salt Dep □ Stunted ☑ Geomor ☑ Shallow □ Microtop	etained Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3) e of Reduced Iron (C4) posits (C5) or Stressed Plants (D1) phic Position (D2) Aquitard (D3) pographic Relief (D4) stral Test (D5)
Print Depth (inches emarks:  YDROLOG Vetland Hydrol Primary Indicator Surface Wate High Water ✓ Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil	Y logy Indicators: rs (any one is sufficer (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) ts (B5) Cracks (B6) ons: resent? Yes ent? Yes	○ No •	Sparsely Veg Marl Deposit Hydrogen St Dry-Season Other (Expla	getated Concaves (B15) ulfide Odor (C1 Water Table (Casin in Remarks) es):	ve Surface (B8)	Water S □ Drainag □ Oxidized □ Presenc □ Salt Dep □ Stunted ☑ Geomor ☑ Shallow □ Microtop ☑ FAC-neu	etained Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3) e of Reduced Iron (C4) posits (C5) or Stressed Plants (D1) phic Position (D2) Aquitard (D3) pographic Relief (D4) utral Test (D5)
Popth (inches emarks:  YDROLOG Vetland Hydrolog Vetland Hydrolog Surface Wat High Water Saturation ( Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil Sield Observati Surface Water P Water Table Pre Saturation Prese (includes capillar	Y logy Indicators: rs (any one is sufficer (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) ts (B5) Cracks (B6) ons: resent? Yes ent? Yes	<ul><li>No ●</li><li>No ●</li><li>No ●</li><li>No ○</li></ul>	Sparsely Veg Marl Deposit Hydrogen St Dry-Season Other (Expla	getated Concaves (B15) ulfide Odor (C1 Water Table (Cain in Remarks) es): es):	ve Surface (B8)	Water S □ Drainag □ Oxidized □ Presenc □ Salt Dep □ Stunted ☑ Geomor ☑ Shallow □ Microtop ☑ FAC-neu	etained Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3) e of Reduced Iron (C4) posits (C5) or Stressed Plants (D1) phic Position (D2) Aquitard (D3) pographic Relief (D4) utral Test (D5)
Popth (inches emarks:  YDROLOG Vetland Hydrolog Vetland Hydrolog Surface Wat High Water Saturation ( Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil Sield Observati Surface Water P Water Table Pre Saturation Prese (includes capillar	Y logy Indicators: rs (any one is sufficer (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) ts (B5) Cracks (B6) ons: resent? Yes ent? ry fringe) Yes	<ul><li>No ●</li><li>No ●</li><li>No ●</li><li>No ○</li></ul>	Sparsely Veg Marl Deposit Hydrogen St Dry-Season Other (Expla	getated Concaves (B15) ulfide Odor (C1 Water Table (Cain in Remarks) es): es):	ve Surface (B8)	Water S □ Drainag □ Oxidized □ Presenc □ Salt Dep □ Stunted ☑ Geomor ☑ Shallow □ Microtop ☑ FAC-neu	etained Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3) e of Reduced Iron (C4) posits (C5) or Stressed Plants (D1) phic Position (D2) Aquitard (D3) pographic Relief (D4) utral Test (D5)
Pepth (inches emarks:  YDROLOG Vetland Hydrol Primary Indicator Surface Wate High Water ✓ Saturation (  Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil ield Observati Surface Water P Water Table Pre Saturation Prese (includes capillar escribe Recorde	Y logy Indicators: rs (any one is sufficer (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) ts (B5) Cracks (B6) ons: resent? Yes ent? ry fringe) Yes	<ul><li>No ●</li><li>No ●</li><li>No ●</li><li>No ○</li></ul>	Sparsely Veg Marl Deposit Hydrogen St Dry-Season Other (Expla	getated Concaves (B15) ulfide Odor (C1 Water Table (Cain in Remarks) es): es):	ve Surface (B8)	Water S □ Drainag □ Oxidized □ Presenc □ Salt Dep □ Stunted ☑ Geomor ☑ Shallow □ Microtop ☑ FAC-neu	etained Leaves (B9) e Patterns (B10) d Rhizospheres along Living Roots (C3) e of Reduced Iron (C4) posits (C5) or Stressed Plants (D1) phic Position (D2) Aquitard (D3) pographic Relief (D4) utral Test (D5)

U.S. Army Corps of Engineers Alaska Version 2.0