WETLAND DETERMINATION DATA FORM - Alaska Region

	Sampling Point: SW13_T178_08 e, terrace, hummocks etc.): Outwash plain
	e, terrace, hummocks etc.): Outwash plain
pe: %	/ 2.8 ° Elevation: 942
0505368714	Long.: -148.327930809 Datum: NAD83
	NWI classification: PSS1E
Vac (
	Are "Normal Circumstances" present? Yes No
	(If needed, explain any answers in Remarks.)
ng point loc	cations, transects, important features, etc.
le the	e Sampled Area
within	in a Wetland? Yes ● No ○
s in the plo	ot.
	Dominance Test worksheet:
	Status Number of Dominant Species That are OBL, FACW, or FAC: 5 (A)
	Total Number of Dominant
	Species Across All Strata:5(B)
	Percent of dominant Species
	That Are OBL, FACW, or FAC: (A/B)
	Prevalence Index worksheet:
	Total % Cover of: Multiply by:
otal Cover:	OBL Species x 1 =
✓ F/	FACW Species 4.1 x 2 = 8.2
☐ F/	FAC Species <u>61.2</u> x 3 = <u>183.6</u>
✓ F	FAC FACU Species 0 x 4 = 0
<u>F</u> /	AC UPL Species 0 x 5 = 0
	Column Totals: <u>76.4</u> (A) <u>202.9</u> (B)
<u> </u>	Prevalence Index = B/A = 2.656
Ц –	
<u> </u>	Hydrophytic Vegetation Indicators:
H -	✓ Dominance Test is > 50%
Ш _	Prevalence Index is ≤3.0
Total Cover:	Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet)
_	DBL Problematic Hydrophytic Vegetation ¹ (Explain)
	DBL 1 Indicators of hydric soil and wetland hydrology must
	EACW be present, unless disturbed or problematic.
	FAC.
	Plot size (radius, or length x width) 10m DBL
F	% Cover of Wetland Bryophytes FACW (Where applicable)
	OBL % Bare Ground _5
☐ F	FAC Total Cover of Bryophytes 10
☐ F.	FAC
F.	FACW Hydrophytic
otal Cover:	Vegetation Present? Yes No
5 P	Is the withing sin the ploton ominant in species? Otal Cover: Figure 1

US Army Corps of Engineers Alaska Version 2.0

SOIL Sampling Point: SW13_T178_08

(inches) C	olor (mois	st)	%	Color (moist)	%	Type ¹	_Loc_ ²	Texture	Remarks	
0-4			100					Fibric Organics		
4-7 2	.5Y	3/2	100					Loamy Sand	w course sand	
7-11			100					Hemic Organics	w/fines.	
									-	
								-		
					_					
				2						
Type: C=Concentra	ition. D=[Depletion	. RM=Reduce	ed Matrix ² Locatio		_		innel. M=Matrix		
ydric Soil Indica	ors:			Indicators for Pr		4	oils:	1		
☐ Histosol or Histe	. ,			Alaska Color C				Alaska Gleyed Without Underlying Layer	out Hue 5Y or Redder	
Histic Epipedon	•			Alaska Alpine s	•	•		Other (Explain in Re	amarke)	
Hydrogen Sulfid	. ,			☐ Alaska Redox	With 2.5Y H	lue		Otilei (Explain in Re	emarks)	
Thick Dark Surfa	. ,			³ One indicator of	hydrophyti	ic vegetatio	n, one prin	nary indicator of wetla	and hydrology,	
 Alaska Gleyed (A Alaska Redox (A	•			and an appropria	te landscap	e position r	nust be pre	esent		
Alaska Redox (A	,	١		4 Give details of o	olor change	in Remark	(S			
•		<u> </u>								
estrictive Layer (if p	resent):							Hydric Soil Pres	sent? Yes • No)
								INVUITE SOIL PLES		
	ove to cr	eek. laye	's of sand and	d organics w large t	talus underr	neath.				
Depth (inches): emarks:	ove to cr	eek. layei	rs of sand and	d organics w large t	talus underr	neath.				
Depth (inches): emarks: ainage for hgwfs at	ove to cr	eek. layei	rs of sand and	d organics w large t	talus underr	neath.				
Depth (inches): emarks: ainage for hgwfs al		,	rs of sand and	d organics w large (talus underr	neath.				
Depth (inches): emarks: ainage for hgwfs al	Indicat	ors:		d organics w large t	talus underr	neath.		Secondary	y Indicators (two or more are r r Stained Leaves (B9)	
Depth (inches): emarks: ainage for hgwfs al YDROLOGY etland Hydrology rimary Indicators (a	Indicat	ors:		d organics w large t			ry (B7)	Secondary	/ Indicators (two or more are r	
Depth (inches): emarks: ainage for hgwfs al YDROLOGY etland Hydrology rimary Indicators (a	· Indicat ny one is A1)	ors:			/isible on Ae	erial Image		Secondary Water Drain	<u>r Indicators (two or more are r</u> r Stained Leaves (B9)	required)
Pepth (inches): emarks: ainage for hgwfs al YDROLOGY retland Hydrology rimary Indicators (a V Surface Water (V High Water Tab	· Indicat ny one is A1)	ors:		☐ Inundation \	/isible on Ae getated Con	erial Image		Secondary Water Drain Oxidiz	<u>r Indicators (two or more are r</u> r Stained Leaves (B9) age Patterns (B10)	required)
Pepth (inches): emarks: ainage for hgwfs al YDROLOGY retland Hydrology rimary Indicators (a V Surface Water (V High Water Tab	r Indicat ny one is A1) e (A2)	ors:		☐ Inundation \	/isible on Ae getated Con s (B15)	erial Image cave Surfac		Secondary Water Drain Oxidia Prese	y <u>Indicators (two or more are r</u> r Stained Leaves (B9) age Patterns (B10) zed Rhizospheres along Living	required)
Depth (inches): emarks: ainage for hgwfs al YDROLOGY Vetland Hydrology rimary Indicators (a Surface Water (a High Water Tab Saturation (A3)	r Indicat ny one is A1) e (A2)	ors:		☐ Inundation \ ☐ Sparsely Veg ☐ Marl Deposit	/isible on Ae getated Con s (B15) ulfide Odor (erial Image cave Surfac (C1)		Secondary Water Drain Oxidiz Prese Salt D Stunt	r Indicators (two or more are r r Stained Leaves (B9) age Patterns (B10) zed Rhizospheres along Living ince of Reduced Iron (C4) Deposits (C5) ed or Stressed Plants (D1)	required)
Pepth (inches): Pemarks: ainage for hgwfs all Percentage for hgwfs	r Indication one is A1) e (A2) l) its (B2)	ors:		Inundation \ Sparsely Veg Marl Deposit Hydrogen Su	/isible on Ae Jetated Con is (B15) Jifide Odor (Water Table	erial Image cave Surfac (C1) e (C2)		Secondary Water Drain Oxidia Prese Salt D Stunt Geom	r Indicators (two or more are refered to the state of the	required)
Pepth (inches): Pemarks: ainage for hgwfs all Percentage for hgwfs	r Indication one is A1) e (A2) its (B2) its (B4)	ors:		Inundation \ Sparsely Veg Marl Deposit Hydrogen Su Dry-Season	/isible on Ae Jetated Con is (B15) Jifide Odor (Water Table	erial Image cave Surfac (C1) e (C2)		Secondary Water Drain Oxidiz Prese Salt C Stunt Geom	r Indicators (two or more are r r Stained Leaves (B9) age Patterns (B10) zed Rhizospheres along Living nice of Reduced Iron (C4) Deposits (C5) ed or Stressed Plants (D1) norphic Position (D2) ow Aquitard (D3)	required)
Pepth (inches): Pemarks: Petland Hydrology Petland Hy	r Indication one is A1) e (A2) 1) its (B2) (3) st (B4) 5)	ors:		Inundation \ Sparsely Veg Marl Deposit Hydrogen Su Dry-Season	/isible on Ae Jetated Con is (B15) Jifide Odor (Water Table	erial Image cave Surfac (C1) e (C2)		Secondary Water Drain Oxidiz Prese Salt D Stunt Geom Shalla	r Indicators (two or more are reference of Reduced Iron (C4) Deposits (C5) Deed or Stressed Plants (D1) Down Aquitard (D3) Tonographic Relief (D4)	required)
Pepth (inches): Pemarks: Pemarks: Pemarks: Pemarks: Pemarks: Pemarks: Pemarks: Pemarks: Petland Hydrology Petland Hyd	r Indicatiny one is A1) e (A2) its (B2) i3) st (B4) 5) cks (B6)	ors:		Inundation \ Sparsely Veg Marl Deposit Hydrogen Su Dry-Season	/isible on Ae Jetated Con is (B15) Jifide Odor (Water Table	erial Image cave Surfac (C1) e (C2)		Secondary Water Drain Oxidiz Prese Salt D Stunt Geom Shalla	r Indicators (two or more are r r Stained Leaves (B9) age Patterns (B10) zed Rhizospheres along Living nice of Reduced Iron (C4) Deposits (C5) ed or Stressed Plants (D1) norphic Position (D2) ow Aquitard (D3)	required)
Pepth (inches): Pemarks: Pemarks: Pemarks: Pemarks: Pemarks: Pemarks: Pemarks: Pemarks: Pemarks: Petland Hydrology P	r Indication one is A1) e (A2) its (B2) its (B4) 5) cks (B6)	ors: sufficien!	t)	☐ Inundation \ ☐ Sparsely Veg ☐ Marl Deposit ☑ Hydrogen St ☐ Dry-Season ☐ Other (Explain	/isible on Ae getated Con s (B15) ulfide Odor (Water Table in in Remar	erial Image cave Surfac (C1) e (C2)		Secondary Water Drain Oxidiz Prese Salt D Stunt Geom Shalla	r Indicators (two or more are reference of Reduced Iron (C4) Deposits (C5) Deed or Stressed Plants (D1) Down Aquitard (D3) Tonographic Relief (D4)	required)
Depth (inches): Demarks: ainage for hgwfs all PYDROLOGY Tetland Hydrology rimary Indicators (a ✓ Surface Water (a ✓ High Water Tab ✓ Saturation (A3) Water Marks (B Sediment Deposits (B Algal Mat or Cru Iron Deposits (B Surface Soil Cra ield Observations Surface Water Preserved	r Indication one is A1) e (A2) its (B2) its (B4) 5) cks (B6) : int?	ors: sufficient	t)	☐ Inundation \ ☐ Sparsely Veg ☐ Marl Deposit ☑ Hydrogen St ☐ Dry-Season ☐ Other (Expla	/isible on Aegetated Cones (B15) ulfide Odor (Water Table in in Remar	erial Image cave Surfac (C1) e (C2)	ce (B8)	Secondary Water Drain Oxidiz Prese Salt D Stunt Geom Shalld Micro FAC-n	r Indicators (two or more are reference of the control of the cont	required) Roots (C3
Pepth (inches): Pemarks: ainage for hgwfs all Pertain and Hydrology Petland Hydrology Petland Hydrology Petland Hydrology Firmary Indicators (a Petland Hydrology Surface Water (A3) Water Marks (B Sediment Deposits (B Algal Mat or Cru Iron Deposits (B Surface Soil Cra Surface Soil Cra Selid Observations Surface Water Presentations Surface Water Presentations	r Indication one is A1) e (A2) its (B2) its (B4) 5) cks (B6) : int?	Yes Yes	b) No () No ()	☐ Inundation \ ☐ Sparsely Veg ☐ Marl Deposit ☑ Hydrogen St ☐ Dry-Season ☐ Other (Explain	/isible on Aegetated Cones (B15) ulfide Odor (Water Table in in Remar	erial Image cave Surfac (C1) e (C2)	ce (B8)	Secondary Water Drain Oxidiz Prese Salt D Stunt Geom Shalla	r Indicators (two or more are reference of the statement	required) Roots (C3
Pepth (inches): Pemarks: Pemarks: Pemarks: Pemarks: Pemarks: Pemarks: Pemarks: Petland Hydrology P	r Indication one is A1) e (A2) its (B2) its (B4) 5) cks (B6) : nt?	Yes Yes	t)	☐ Inundation \ ☐ Sparsely Veg ☐ Marl Deposit ☑ Hydrogen St ☐ Dry-Season ☐ Other (Expla	/isible on Aegetated Congs (B15) ulfide Odor (Water Table in in Remarkes): 3	erial Image cave Surfac (C1) e (C2)	ce (B8)	Secondary Water Drain Oxidiz Prese Salt D Stunt Geom Shalld Micro FAC-n	r Indicators (two or more are reference of the control of the cont	required) Roots (C
Depth (inches): emarks: emarks: eninage for hgwfs all POROLOGY etland Hydrology etland Hydrology etland Hydrology etland Hydrology etland Hydrology etland Hydrology Burface Water (all Algh Water Table Algal Mat or Cru Iron Deposits (Bl Surface Soil Cra eld Observations etlaturation Present? etlaturation Present? etlaturation Present? etlaturation present? etlaturation present? etlaturation present?	r Indication on one is A1) e (A2) 1) its (B2) i3) st (B4) 5) cks (B6) ent? ?	Yes Yes	b) No () No () No () No ()	Inundation \ Sparsely Veg Marl Deposit Hydrogen Su Dry-Season Other (Expla	/isible on Aegetated Cones (B15) ulfide Odor (Water Table in in Remarkes): 3	erial Image cave Surfac (C1) e (C2) rks)	Wetlan	Secondary Water Drain Oxidiz Prese Salt D Stunt Geom Shalld Micro FAC-n	r Indicators (two or more are reference of the control of the cont	required) Roots (C.
Depth (inches): emarks: emarks: eninage for hgwfs all POROLOGY etland Hydrology etland Hydrology etland Hydrology etland Hydrology etland Hydrology etland Hydrology Burface Water (all Algh Water Table Algal Mat or Cru Iron Deposits (Bl Surface Soil Cra eld Observations etlaturation Present? etlaturation Present? etlaturation Present? etlaturation present? etlaturation present? etlaturation present?	r Indication on one is A1) e (A2) 1) its (B2) i3) st (B4) 5) cks (B6) ent? ?	Yes Yes	b) No () No () No () No ()	☐ Inundation N☐ Sparsely Vec☐ Marl Deposit ☑ Hydrogen St☐ Dry-Season ☐ Other (Explain Depth (inched	/isible on Aegetated Cones (B15) ulfide Odor (Water Table in in Remarkes): 3	erial Image cave Surfac (C1) e (C2) rks)	Wetlan	Secondary Water Drain Oxidiz Prese Salt D Stunt Geom Shalld Micro FAC-n	r Indicators (two or more are reference of the control of the cont	required) Roots (C.
Depth (inches): marks: ainage for hgwfs al DROLOGY etland Hydrology imary Indicators (a) Surface Water (a) High Water Tab Saturation (A3) Water Marks (B) Sediment Deposits (E) Algal Mat or Cru Iron Deposits (E) Surface Soil Cra eld Observations urface Water Present aturation Present? includes capillary frescribe Recorded Deposits (E) emarks:	r Indication one is A1) e (A2) l) its (B2) its (B4) 5) cks (B6) : int? ?	Yes • Yes • Yes • The same of	No ONO NO	☐ Inundation N☐ Sparsely Vec☐ Marl Deposit ☑ Hydrogen St☐ Dry-Season ☐ Other (Explain Depth (inched	/isible on Aegetated Congs (B15) ulfide Odor (Water Table in in Remarkes): 3 es): 3 es): 0 vious inspect	erial Image cave Surfac (C1) e (C2) rks)	Wetlan	Secondary Water Drain Oxidiz Prese Salt D Stunt Geom Shalld Micro FAC-n	r Indicators (two or more are reference of the control of the cont	required) Roots (C

U.S. Army Corps of Engineers Alaska Version 2.0