WETLAND DETERMINATION DATA FORM - Alaska Region

	.7 % /	Sampling Point: SW12_T35_05 e, hummocks etc.): Toeslope								
Investigator(s): CTS, EKJ Landform (I Local relief (concave, convex, none): concave Slope: 1 Subregion: Southcentral Alaska Lat.: 62.8994899	.7 % /	e, hummocks etc.): Toeslope								
Local relief (concave, convex, none): concave Slope: 1 Subregion: Southcentral Alaska Lat.: 62.8994899	.7 % /	·								
Subregion : Southcentral Alaska Lat.: 62.8994899		° Elevation: 1027								
	NΩ	Long.: -148.66543997 Datum: WGS84								
Soil Map Offit Name.	00									
A 11 11 11 11 11 11 11 11 11 11 11 11 11	es No	NWI classification: PEM1B								
Are Vegetation , Soil , or Hydrology significantly disturbed? Are Vegetation , Soil , or Hydrology naturally problematic? SUMMARY OF FINDINGS - Attach site map showing sampling points.	Are "No	(If no, explain in Remarks.) ormal Circumstances" present? Yes ● No ○ ded, explain any answers in Remarks.) , transects, important features, etc.								
Hydrophytic Vegetation Present? Yes No Signature No Signa										
Hydric Soil Present?	within a Wetland? Yes No									
Wetland Hydrology Present? Yes ● No ○	within a vve	stiana:								
Remarks: Hgwswt, wet sedge-willow tundra (Carrar-Salfus association) /EGETATION - Use scientific names of plants. List all species in the plot.										
	Indicator	Dominance Test worksheet:								
Tree Stratum 1. Species?	Status	Number of Dominant Species That are OBL, FACW, or FAC:3(A)								
		Total Number of Dominant								
$\begin{bmatrix} 2. \\ 3. \end{bmatrix}$		Species Across All Strata:3 (B)								
3		Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)								
5.		1101.070 (A/D)								
Total Cover:		Prevalence Index worksheet:								
Sapling/Shrub Stratum 50% of Total Cover: 0 20% of Total Cov	er: 0	Total % Cover of: Multiply by:								
		OBL Species <u>45</u> x 1 = <u>45</u>								
1. Salix fuscescens 10	FACW	FACW Species <u>16.1</u> x 2 = <u>32.20</u>								
2. Vaccinium uliginosum 15	FAC	FACUS Species 27 x 3 = 81								
3. Andromeda polifolia 1	FACW	FACU Species 0 x4 = 0								
4. Salix pulchra	FACW	UPL Species 0 x 5 = 0								
5		Column Totals: <u>88.1</u> (A) <u>158.2</u> (B)								
6		Prevalence Index = B/A = 1.796								
7										
8		Hydrophytic Vegetation Indicators: Dominance Test is > 50%								
Herb Stratum 50% of Total Cover: 14.5 20% of Total Cov		Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)								
1. Carex rariflora 30	OBL	Problematic Hydrophytic Vegetation (Explain)								
2. Comarum palustre 5	OBL	Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.								
3. Sedum rosea 7	FAC	be present, unless disturbed of problematic.								
4. Carex aquatilis 8 5 Trichophorum alpinum 1	OBL	Plot size (radius, or length x width) <u>10m</u>								
	OBL OBL	% Cover of Wetland Bryophytes 50								
T. Dubus cratique	FAC	(Where applicable)								
2 5 10 10 10 10 10 10 10 10 10 10 10 10 10	FAC	% Bare Ground								
8. Equisetum arvense 2 9. Sanguisorba canadensis 2	FACW	Total Cover of Bryophytes								
10. Swertia perennis 0.1	FACW	Hydrophytic								
Total Cover: _59.1_		Vegetation								
50% of Total Cover: 29.55 20% of Total Cov	er: <u>11.82</u>	Present? Yes No O								
Remarks: Calcan = 0.1	<u> </u>									

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SOIL Sampling Point: SW12_T35_05

Matrix			ded to docum	cument the indicator or confirm the absence of indicators) Redox Features								
Depth (inches)	Color (mois		%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks			
0-2		-,	80			.,,,,		Fibric Organics	20% roots			
2-17			80					Hemic Organics	20% roots			
	-											
									-			
					_							
								-				
¹Type: C=Con	centration. D=[epletion. I	RM=Reduce	d Matrix ² Locatio	n: PL=Por	e Lining. RO	C=Root Cha	nnel. M=Matrix				
Hydric Soil Ir	ndicators:			Indicators for P	roblemati	c Hydric S	oils: ³					
✓ Histosol or Histel (A1)				☐ Alaska Color Change (TA4) ☐ Alaska Gleyed Without Hue 5Y or Redder								
Histic Epipedon (A2)				Alaska Alpine swales (TA5) Underlying Layer								
	Sulfide (A4)			Alaska Redox With 2.5Y Hue Other (Explain in Remarks)								
☐ Thick Dark	Surface (A12)			_								
Alaska Gley	yed (A13)			One indicator of and an appropria				mary indicator of wetland h	ydrology,			
Alaska Red	lox (A14)				•	•	•	CSCIIC				
Alaska Gley	yed Pores (A15)			⁴ Give details of	color chang	e in Remarl	ks					
Restrictive Laye	er (if present):											
Type:								Hydric Soil Present	? Yes 💿 No 🔾			
Depth (inch	ies):											
HYDROLO	GY											
Wetland Hydr	ology Indicate	ors:						Secondary Indi	cators (two or more are required)			
Primary Indicat	tors (any one is	sufficient)						Water Stained Leaves (B9)				
Surface W	ater (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)				
				Marl Deposi	` ,				f Reduced Iron (C4)			
Water Marks (B1) Hydrogen Sulfide Odor (C1)							Salt Depos					
Sediment Deposits (B2) Dry-Season Water Table (C2)									Stressed Plants (D1)			
	☐ Drift Deposits (B3) ☐ Other (Explain in Remarks) ☐ Geomorphic Position (D2)								` '			
	Algal Mat or Crust (B4) Shallow Aquitard (D3)											
☐ Iron Depo	` ,							_	graphic Relief (D4)			
Field Observa	oil Cracks (B6)							✓ FAC-neutra	ii Test (D5)			
Surface Water		Yes 〇	No ⊙	Depth (inch	oc).							
Water Table P		Yes •			•		Wotla	nd Hydrology Presen	t? Yes ● No ○			
Saturation Pre				Depth (inch	es): 6		Wetia	na nyarology Presen	tr res 🥯 No 🖰			
(includes capil		Yes •	No O	Depth (inch	es): 1							
Describe Record	ded Data (strear	m gauge, r	nonitor well,	, aerial photos, pre	evious inspe	ection) if av	ailable:					
Domarkes												
Remarks:												

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