WETLAND DETERMINATION DATA FORM - Alaska Region

Investigator(s): SLI, KMK Local relief (concave, convex, none): flat Slope: % / 5.3 ° Elevation: 108 Subregion: Southcentral Alaska Lat: 62.894591512 Long: -148.675867326 Dat SOil Map Unit Name: Are climatic/hydrologic conditions on the site typical for this time of year? Yes No No (If no, explain in Remarks.) Are Vegetation Soil O, or Hydrology significantly disturbed? Are Vegetation Soil O, or Hydrology naturally problematic? Are Vegetation Present? Yes No Summary No Sum	● No ○
Investigator(s): SLI, KMIK Landform (hillside, terrace, hummooks etc.): Hillside Local relief (concave, convex, none): filat Slope: % / 5.3 ° Elevation: 108 Subregion: Southcentral Alaska Lat. Slope: % / 5.3 ° Elevation: 108 Subregion: Southcentral Alaska Lat. Slope: % / 5.3 ° Elevation: 108 Subregion: Southcentral Alaska Lat. Slope: % / 5.3 ° Elevation: 108 Subregion: Southcentral Alaska Lat. Slope: % / 5.4 ° Lange: 148.675867326 Dat Alas 675867326 Dat Alas 67586736 Dat Alas 675867326 Dat Alas 67586736 Dat	atum: NAD83 SS1B No
Solar lelief (concave, convex, none): flat	• No ○
Subregion Southcentral Alaska	• No ○
Soil Map Unit Name: NWI classification: PEMI/SI Are climatichydrologic conditions on the site typical for this time of year? Yes No (ff no, explain in Remarks.)	• No ○
Are Climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation Soil On the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation Soil On the site typical for this time of year? Yes No (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, ethydric Soil Present? Yes No Soil No Wetland Pydrology Present? Yes No No Soil Present? Yes No	● No ○
Are Vegetation	
Are Vegetation	
SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, e Hydrophytic Vegetation Present? Yes No Is the Sampled Area Within a Wetland? Yes No Is the Sample Area Number of Dominant Species That are O	etc.
Hydrophytic Vegetation Present? Yes ● No ○	etc.
Hydric Soil Present? Yes	
Wetland Hydrology Present? Yes	
Wetland Hydrology Present? Yes ● No ○ within a Wetland? Yes ● No ○ Remarks: Presentation Within a Wetland? Yes ● No ○ Image: Stratum of the S	
VEGETATION - Use scientific names of plants. List all species in the plot. Irree Stratum Absolute % Cover % Cover Species? Dominant Species Status Indicator Species? Number of Dominant Species That are OBL, FACW, or FAC:	
Tree Stratum Absolute % Cover Dominant Species Indicator Species? Dominant Species Number of Dominant Species That are OBL, FACW, or FAC: Number of Dominant Species That are OBL, FACW, or FAC: Total Rumber of Dominant Species That are OBL, FACW, or FAC: Total Number of Dominant Species That are OBL, FACW, or FAC: Total Number of Dominant Species That are OBL, FACW, or FAC: Total Number of Dominant Species That are OBL, FACW, or FAC: Total Number of Dominant Species That are OBL, FACW, or FAC: Total Number of Dominant Species That are OBL, FACW, or FAC: Total Number of Dominant Species That are OBL, FACW, or FAC: Total Number of Dominant Species That are OBL, FACW. Percent of dominant Species That Are OBL, FACW, or FAC: 10 Sapling /Shrub Stratum 50% of Total Cover: 0 Prevalence Index worksheet: 10 1. Salix reticulata 3 FAC FACW Species 54 x 1 = 2. Salix pulchra 20 FAC FACW Species 33 x 3 = 3. Dasiphora fruticosa 15 FAC FAC FACU Species 3 x 4 = 4. Empetrum nigrum 5 FAC UPL Species 0 x 5 = 5. Vaccinium uliginosum 5 FAC Column Totals: 116 (A) 6	
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4. 0 □ That Are OBL, FACW, or FAC: 10 5. Total Cover: 0 20% of Total Cover: 0 Prevalence Index worksheet: Total % Cover of: Multiply by one of Multiply by one of Total % Cover of: Multiply by one of Total % Cover of: Multiply by one of Multiply by one of Total % Cover of: Multiply by one of Multiply by one of Total % Cover of: Multiply by one of Total % Cover of: Multiply by one of Multiply by one of Total % Cover of: Multiply by one of Multiply by one of Total % Cover: OBL Species 54 x 1 = FAC FAC FACW Species 26 x 2 = FACW Species 33 x 3 = FACW Species 33 x 3 = FACW Species 33 x 4 = FACW Species 33 x 4 = FACW Species 33 x 4 = UPL Species 3 x 4 = UPL Species 0 x 5 = Column Totals: 116 (A) Prevalence Index = B/A = 1 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% ✓ Prevalence Index is ≤ 3.0 Morphological Adaptations 1 (Provide suremarks or on a separate sheet)	
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1. Salix reticulata 2. Salix pulchra 3. Dasiphora fruticosa 4. Empetrum nigrum 5. Vaccinium uliginosum 6. 0 7. 0 8. 0 9. 10. Total Cover: Herb Stratum 1. Salix reticulata 3. FAC FAC FACW Species 26. x 2 = FACW Species 33. x 3 = FAC USpecies 3 x 4 = UPL Species 0 x 5 = Column Totals: 116 (A) Prevalence Index = B/A = 1. Hydrophytic Vegetation Indicators: W Dominance Test is > 50% Morphological Adaptations Provide su Remarks or on a separate sheet)	by:
2. Salix pulchra 2. Salix pulchra 3. Dasiphora fruticosa 4. Empetrum nigrum 5. Vaccinium uliginosum 5. Vaccinium uliginosum 5. Vaccinium uliginosum 6. 0 7. 0 8. 0 9. 0 10. Total Cover: 48 Herb Stratum Prevalence Index = B/A = 1. Morphological Adaptations 1 (Provide su Remarks or on a separate sheet) Prevalence Index = Summarks or on a separate sheet)	54
2. Salix pulchra 20 ✓ FACW FACW FAC Species 33 x 3 = 3. Dasiphora fruticosa 15 ✓ FAC FACU Species 3 x 4 = 4. Empetrum nigrum 5 FAC UPL Species 0 x 5 = 5. Vaccinium uliginosum 5 FAC Column Totals: 116 (A) 6.	52
3. Dasiphora fruticosa 15 ✓ FAC FAC Species 3 x 4 = UPL Species 0 x 5	99
4. Empetrum nigrum 5 FAC UPL Species 0 x 5 = 5. Vaccinium uliginosum 5 FAC Column Totals: 116 (A) 6. 0 0 Prevalence Index = B/A = 1. 8. 0 0 Hydrophytic Vegetation Indicators: 9. 0 0 V Dominance Test is > 50% 10. Total Cover: 48 Morphological Adaptations 1 (Provide su Remarks or on a separate sheet)	12
5. Vaccinium uliginosum 5 FAC Column Totals: 116 (A) 6	0
6.	217 (B)
7.	1 074
9.	1.871
10	
Total Cover: 48 Morphological Adaptations ¹ (Provide su Remarks or on a separate sheet)	
Herb Stratum 50% of Total Cover: 24 20% of Total Cover: 9.6 Remarks or on a separate sheet)	
Tierb beratain	supporting data in
1. ⊨urypia sidirica	(Evalais)
2 Constitution and the second	
2. Swertia perennis 1 FACW 3 Sanguisorba canadensis 5 FACW FACW 1 Indicators of hydric soil and wetland hydrologic be present, unless disturbed or problematic.	
3. Odliguische authauerisch	
Plot size (radius, or length x width)	
5. Caitna leptosepala 2	_10m
7. Carex rotundata 5 OBL % Bare Ground	_10m
O Comparison idea	
9. Anthoxanthum monticola ssp. alpinum 2 UPL	2
10. Carex aquatilis 2 OBL Hydrophytic	
Total Cover: 68.1 Vegetation	2
50% of Total Cover: 34.05 20% of Total Cover: 13.62 Present? Yes No	2
Remarks: tr arnica sp, thalictrum alpinum, acodel. Eursib is unknown composite.	2

US Army Corps of Engineers Alaska Version 2.0

SOIL Sampling Point: SW12_T34_10

(inches)	Color (m	nist)	%	Color (moist)	%	Type ¹	Loc 2	Texture	Remarks
0-4		,				.,,,,		Hemic Organics	
4-6	7.5YR	4/4	100					Sapric Organics	
6-10								Sandy Loam	
10-12	10YR	4/6	100					Silt Loam	-
10 12	10110	.,,,							
									_
				-				-	_
Type: C=Cond	entration. D	=Depletior		ed Matrix ² Locatio	n: PL=Pore I	Lining, RC	=Root Cha	nnel. M=Matrix	-
lydric Soil Inc		<u>'</u>		Indicators for P		_			
Histosol or I				Alaska Color C	4	4		Alaska Gleyed Without H	due 5Y or Redder
Histic Epipe				Alaska Alpine				Underlying Layer	ide 51 of reduct
Hydrogen S	. ,			Alaska Redox	With 2.5Y Hu	ie	✓	Other (Explain in Remar	rks)
Thick Dark	Surface (A12	2)							
Alaska Gley	red (A13)			One indicator of and an appropria	f hydrophytic Ite landscape	vegetation	n, one prim nust be pre	nary indicator of wetland	hydrology,
Alaska Redo	. ,				•	•	·		
	red Pores (A1	5)		⁴ Give details of o	Joior Change i	III Kelliai K	· · · · · · · · · · · · · · · · · · ·		
estrictive Layer	r (if present)								
Type:								Hydric Soil Present	t? Yes 💿 No 🔾
	oc).							•	
Depth (inche		meet hyd	ric soil indicat	tors, however assum	ne hydric soils	s due to st	anding wat	ter and hydrophytic vege	
Depth (inche		meet hydi	ric soil indical	tors, however assum	ne hydric soils	s due to st	anding wat		
Depth (inche emarks: igh chroma red	I soils do not	meet hyd	ric soil indical	tors, however assum	ne hydric soils	s due to st	anding wat		
Depth (inche emarks: igh chroma red	d soils do not GY Ology Indic	ators:		tors, however assum	ne hydric soils	s due to st	anding wat	ter and hydrophytic veget	tation. licators (two or more are required)
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Depth (inchese marks: gh chroma red YDROLOG /etland Hydro Verliand Hydro Surface Wa High Water Saturation	GY blogy Indicors (any one ater (A1) r Table (A2) (A3)	ators:		☐ Inundation V ☐ Sparsely Veq ☐ Marl Deposit	Visible on Aer getated Conca ts (B15)	rial Imager ave Surfac	у (В7)	Secondary Ind Water Sta Drainage Oxidized I	licators (two or more are required) ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3 of Reduced Iron (C4)
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