WETLAND DETERMINATION DATA FORM - Alaska Region

Investigator(s): BAB Landform (hillside, terrace, hummocks etc.): Toeslope Local relief (concave, convex, none): concave Slope: 8.7 % / 5.0 ° Elevation: Subregion: Cook Inlet Mountains Lat.: Long.: Soil Map Unit Name: NWI classification: PEM1 Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)	ns									
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, as years, and a second of the second of th	.)									
Are Vegetation $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$										
SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.										
Hydrophytic Vegetation Present? Yes No No										
Hydric Soil Present? Yes No Signature No. Signature No. Signature No. No. No. Signature No.										
Wetland Hydrology Present? Yes No Within a Wetland? Yes No	within a Wetland? Yes ● No ○									
Remarks:										
iverialis.										
VEGETATION - Use scientific names of plants. List all species in the plot.										
Dominance Test worksheet:	Dominance Test worksheet									
Tree Stratum Absolute Dominant Indicator % Cover Species? Status Number of Dominant Species										
1. Picea glauca 15 FACU That are OBL, FACW, or FAC:	4(A)									
Total Number of Dominant	F (P)									
3 Openies Across All Strata.										
Percent or dominant species That Are ORL FACW or FAC:	80.0% (A/B)									
5.										
Total Cover: 15 Prevalence Index worksheet: Total % Cover of: Multiple	ly by:									
Sapling/Shrub Stratum 50% of Total Cover: 7.5 20% of Total Cover: 3 OBL Species 20 x 1 =	• •									
TACIN Species 42 4 22										
2 Vocability ulicinosum 2 FAC Species 20 x 3 =										
2 Arctour ruber 2 FACU Species 16 X 4 =										
4. Note that the state of the s										
E Construe signature										
6 Salix barclavi 1 FAC	<u>170.2</u> (B)									
7. Salix reticulata 1 Prevalence Index = B/A =	2.463									
8. Picea glauca 1 FACU Hydrophytic Vegetation Indicators:										
9										
10.										
Total Cover: 17 Morphological Adaptations (Provide supporting data in										
Herb Stratum 50% of Total Cover: 8.5 20% of Total Cover: 3.4 Remarks or on a separate sheet)										
1. Carex aquatilis 20 OBL Problematic Hydrophytic Vegetation	ı (Explain)									
2. Dodecatheon jeffreyi 4 FACW 1 Indicators of hydric soil and wetland hydric soil and hydric	drology must									
3. Sanguisorba canadensis 3 FACW be present, unless disturbed or problema	atic.									
4. Festuca altaica 2 FAC Plot size (radius, or length x width)	_5m									
5. Swertia perennis 2 FACW % Cover of Wetland Bryophytes	_5111									
6. Equisetum arvense 1 FAC (Where applicable)										
7. Saussurea angustifolia 1 FAC % Bare Ground	5									
8. Valeriana capitata 1 FAC Total Cover of Bryophytes	65									
9. Platanthera aquilonis 0.1 FACW										
10. Cornus suecica Table Superior FAC Hydrophytic										
Total Cover: 37.1 Vegetation 50% of Total Cover: 18.55 20% of Total Cover: 7.42 Present? Yes No)									
10.33 207 01 10 tal 10										
Remarks:										

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SOIL Sampling Point: SW15_T313_07

Profile Description: (Describe to the depth needed to do Matrix					onfirm the abs		cators)				
Depth (inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks		
0-2								Peat			
2-4								Mucky Peat	evidence of fire and flooding		
4-6								Mucky Peat			
6-7								Muck	-		
7-8								Muck	with gravelly sandy loam		
									with gravelly sailty loans		
8-12					_	-	-	Mucky Peat			
12-16							-	Muck			
1									-		
	¹ Type: C=Concentration. D=Depletion. RM=Reduced Matrix ² Location: PL=Pore Lining. RC=Root Channel. M=Matrix										
Hydric Soil In			1	Indicators for P		4	oils:	٦			
	✓ Histosol or Histel (A1)				Alaska Color Change (TA4) Alaska Gleyed Without Hue 5Y or Redder						
Histic Epipe			l I	☐ Alaska Alpine swales (TA5) ☐ Alaska Redox With 2.5Y Hue ☐ Other (Explain in Remarks)							
	Sulfide (A4)		l	Alaska Redox	With 2.5Y H	lue		J Oulei (Explain in Remain	(5)		
	Surface (A12)			³ One indicator o	f hydrophyt	ic vegetatio	n, one prir	mary indicator of wetland h	nydrology,		
Alaska Gley				and an appropria					,, , , , , , , , , , , , , , , , , , , ,		
Alaska Red	ox (A14) /ed Pores (A15)			4 Give details of o	color change	e in Remark	(S				
Restrictive Laye	. , ,										
Type:	() /							Hydric Soil Present	? Yes • No O		
Depth (inch	es):							,			
Remarks:											
HYDROLO	GY										
Wetland Hydr	ology Indicato	rs:						Secondary Indi	cators (two or more are required)		
Primary Indicat	ors (any one is s	sufficient)						Water Stained Leaves (B9)			
Surface W	` ,			Inundation Visible on Aerial Imagery (B7)				Drainage Patterns (B10)			
					ely Vegetated Concave Surface (B8) Oxidized Rhizospheres along Living Roots (
✓ Saturation (A3)								of Reduced Iron (C4)			
Water Mar				Hydrogen S				Salt Depos			
	Deposits (B2)			Dry-Season					Stressed Plants (D1)		
☐ Drift Depo	. ,			Other (Expla	ain in Remai	rks)			ic Position (D2)		
l —	Algal Mat or Crust (B4)										
l — ·	oil Cracks (B6)							✓ FAC-neutra			
Field Observa	. ,							▼ TAC-fleutia	ir rest (D3)		
Surface Water		Yes O	No •	Depth (inch	es).						
Water Table Pi		Yes •		, ,	•		Wotla	nd Hydrology Procon	t? Yes • No O		
				Depth (inch	es): 5		wetia	tland Hydrology Present? Yes • No			
Saturation Pres (includes capill		Yes 💿	No O	Depth (inch	es): 2						
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:											
Remarks:											
iveniai ks:											

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