WETLAND DETERMINATION DATA FORM - Alaska Region

	-Aug-13
Applicant/Owner: Alaska Energy Authority Sampling Point: SW13_	Г196_03
nvestigator(s): SLI, EAC Landform (hillside, terrace, hummocks etc.): Footslope	
Local relief (concave, convex, none): tussocks Slope: 8.7 % / 5.0 ° Elevation: 799	
	WGS84
	W 000+
Soil Map Unit Name: NWI classification: Upland Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)	
Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.	No O
Hydrophytic Vegetation Present? Yes No Sign Is the Sampled Area	
Hydric Soil Present? res No 🔍	
Wetland Hydrology Present? Yes O No • Within a Wetland?	
Remarks: /EGETATION - Use scientific names of plants. List all species in the plot.	
Absolute Dominant Indicator	
Tree Stratum Mumber of Dominant Species That are OBL, FACW, or FAC: 6	(A)
1	
2 Species Across All Strata:6	_ (B)
3. 0 Percent of dominant Species 4. 0 That Are OBL, FACW, or FAC: 100.0%	(A/B)
5. Prevalence Index worksheet:	
Total Cover: 0 Total % Cover of: Multiply by:	
Sapling/Shrub Stratum 50% of Total Cover: 0 20% of Total Cover: 0 OBL Species 0 x 1 =	0
FACW Species 7 × 2 =	<u> </u>
1. Detaile gianteliose	.26
2 Varieties with the same of t	3.8
4. Empetrum nigrum 7 FAC UPL Species 0 x 5 =	0
5 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
6. Picea glauca 7 FACU Column Totals: 51.2 (A) 1	18.8 (B)
7. Spiraea stevenii 0.1 Prevalence Index = B/A = 2.906	-
8. Vaccinium vitis-idaea 10 FAC Hydrophytic Vegetation Indicators:	
9. Linnaea borealis 1 FACU Dominance Test is > 50%	
10. 0 Prevalence Index is ≤3.0	
Total Cover: 50.1 Morphological Adaptations (Provide support Remarks or on a separate sheet)	ing data in
1. Anthoxanthum monticola ssp. alpinum 0.1 FACU Problematic Hydrophytic Vegetation (Explain	n)
2. Carex bigelowii 1 FAC ¹ Indicators of hydric soil and wetland hydrology m	iust
3	
4	
5	
6 (Where applicable)	
9	
10 O Hydrophytic	
Total Cover: 1.1 Vegetation 50% of Total Cover: 0.55 20% of Total Cover: 0.22 Present? Yes • No	
50% of Total Cover: 0.55 20% of Total Cover: 0.22 Present? Yes No 	

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SOIL Sampling Point: SW13_T196_03

	on: (Describe to 1	the depth ne	eded to docum	ent the in		nfirm the abs		ators)			
Depth (inches) Color (moist) %			Color (moist)		%	Type ¹	Loc ²	Texture	Remarks		
0-4.5	5YR	3/3	100				.,,,,		Fibric Organics	Good amount of mineral material in horizo	
4.5-7	10YR	3/2	60	5YR	4/6	10		PL	Fine Sandy Loam	see below	
				JIK				- '-		see below	
					-			-	-		
¹Type: C=Cor	¹ Type: C=Concentration. D=Depletion. RM=Reduced Matrix ² Location: PL=Pore Lining. RC=Root Channel. M=Matrix										
Hydric Soil I	ndicators:			Indicat	ors for Pro	oblematio	Hydric So	oils: ³			
Histosol or	Histel (A1)			☐ Alaska Color Change (TA4) ☐ Alaska Gleyed Without Hue 5Y or Redder						ue 5Y or Redder	
Histic Epip	edon (A2)			Alas	ka Alpine sv	wales (TA5	5)	_	Underlying Layer		
☐ Hydrogen	Sulfide (A4)			Alas	ka Redox W	/ith 2.5Y F	lue		Other (Explain in Remark	s)	
☐ Thick Dark	Surface (A12)										
Alaska Gle	yed (A13)						ic vegetation e position n		mary indicator of wetland h	ydrology,	
Alaska Red	dox (A14)						•	•	esent		
Alaska Gle	yed Pores (A15	5)		4 Give	details of co	olor change	e in Remark	s			
Restrictive Laye	er (if present):										
Type:									Hydric Soil Present	? Yes ○ No •	
Depth (inch	nes):										
BOTTOM of second horizon. This profile is a jumble because soil developing on/between											
HYDROLO											
Wetland Hydi									Secondary Indi	cators (two or more are required)	
Primary Indica		s sufficient								ned 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) Presence of Reduced Iron (C4)		
Saturation (A3)				Marl Deposits (B15)							
	Water Marks (B1) Hydrogen S								☐ Salt Depos		
	Deposits (B2)				y-Season W				_	Stressed Plants (D1)	
Drift Depo	. ,			_ Ot	ther (Explain	n in Rema	rks)			ic Position (D2)	
	or Crust (B4)									uitard (D3)	
Iron Depo	• •									graphic Relief (D4)	
	oil Cracks (B6)							1	✓ FAC-neutra	l Test (D5)	
Field Observa		· ·	(2)								
Surface Water	Present?		No 💿	D	epth (inches	s):					
Water Table P	resent?	Yes 🔾	No 💿	D	epth (inches	s):		Wetla	nd Hydrology Presen	t? Yes O No 💿	
Saturation Pre (includes capil		Yes \bigcirc	No •	D	epth (inches	s):					
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:											
Remarks:											

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