## WETLAND DETERMINATION DATA FORM - Alaska Region

			Matanusk									
t/Owner: Alaska Energy Authority				Sampling Point: SW13_T110_04								
	side, terrace, hummocks etc.): Hillside											
		Slope:	% / 6.4									
n : Interior Alaska Mountains	Lat.:	62 763764262	 23	Long.: -148.084347247 Datum: NAD83								
	200.	02.700704202		NWI classification: Upland								
· <u>-</u> - · · -	•			Iormal Circumstances" present? Yes  No  No								
	•	-		eded, explain any answers in Remarks.)								
,	• •											
·	wing sar	mpling point	locations	s, transects, important features, etc.								
, , ,		la la	4h a Cana	unland Auran								
ydric Soil Present? Yes O No 🧿	)	Is the Sampled Area within a Wetland? Yes ○ No ●										
		WI	within a Wetland? Yes ○ No ●									
Remarks: side slope of small low ridge, patchy slcbw/slobw												
ATION - Use scientific names of plants. Li	st all sp	ecies in the	plot.									
•				Dominance Test worksheet:								
Stratum			Status	Number of Dominant Species That are OBL, FACW, or FAC: 6 (A)								
	_ 0											
	0			Total Number of Dominant Species Across All Strata: 6 (B)								
	0			Percent of dominant Species								
	0			That Are OBL, FACW, or FAC: 100.0% (A/B)								
	0			Prevalence Index worksheet:								
Total Covers	: <u> </u>	-		Total % Cover of: Multiply by:								
ng/Shrub Stratum 50% of Total Cover:	0 20%	% of Total Cover:	0	OBL Species0 x 1 =0								
Betula nana	5		FAC	FACW Species 23 x 2 = 46								
Salix dlauca	20	<b>✓</b>	FAC	FAC Species <u>136</u> x 3 = <u>408</u>								
Coliv nulohra	10		FACW	FACU Species <u>1</u> x 4 = <u>4</u>								
/a a aliali una unili alia a a una	15	✓	FAC	UPL Species <u>0</u> x 5 = <u>0</u>								
	15	✓	FAC	Column Totals: <u>160</u> (A) <u>458</u> (B)								
:mpetrum nigrum	36	<b>✓</b>	FAC									
Rhododendron tomentosum	10		FACW	Prevalence Index = B/A =								
etula glandulosa	15	_	FAC	Hydrophytic Vegetation Indicators:								
icea mariana	1_		FACW	Dominance Test is > 50%								
Salix arbusculoides	2	. $\square$	FACW	Prevalence Index is ≤3.0								
		- 0/ of Total Cover	. 25.0	Morphological Adaptations (Provide supporting data in								
				Remarks or on a separate sheet)								
		. <u>V</u>		Problematic Hydrophytic Vegetation (Explain)								
		-		Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.								
· ·		- 📙	UPL	be present, unless disturbed of problematic.								
		-		Plot size (radius, or length x width)								
				% Cover of Wetland Bryophytes								
		-		(Where applicable)								
		·		% Bare Ground 0								
		·		Total Cover of Bryophytes65								
	0			Uzdvanhotia								
		_		Hydrophytic Vegetation								
Total Cover:	<b>:</b> 31			Present? Yes • No •								
	ref (concave, convex, none): convex  n: Interior Alaska Mountains  Unit Name:  atic/hydrologic conditions on the site typical for this till getation	ref (concave, convex, none): convex    n: Interior Alaska Mountains	Some   Convex   Con	ef (concave, convex, none): convex    Slope:								

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SOIL Sampling Point: SW13\_T110\_04

		the depth ne	eded to docu	iment the indicator or co	onfirm the ab		ators)					
Depth (inches) Color (moist)			Color (moist)	% Type <sup>1</sup>	_Loc_ <sup>2</sup>	- Texture	Remarks					
0-3		<u> </u>	100	COIOI (IIIOIOC)		-770		Fibric Organics				
3-7			100					Fibric Organics	hemic w a poss tephra 10yr 4/2			
7-13	10YR	3/6	100					Sandy Loam				
	101K							Sandy Loans				
				-								
¹Type: C=Cor	¹Type: C=Concentration. D=Depletion. RM=Reduced Matrix ² Location: PL=Pore Lining. RC=Root Channel. M=Matrix											
Hydric Soil I	ndicators:			Indicators for P	roblemati	c Hydric So	oils: <sup>3</sup>					
Histosol or	r Histel (A1)			Alaska Color C	hange (TA	4)4		Alaska Gleyed Without Hue 5Y or Redder				
Histic Epip	pedon (A2)			Alaska Alpine	swales (TA	5)		Underlying Layer				
Hydrogen	Sulfide (A4)			Alaska Redox \	With 2.5Y I	lue		Other (Explain in Remark	rs)			
☐ Thick Dark	k Surface (A12	2)		30					d de			
Alaska Gle	eyed (A13)			and an appropria	te landscar	iic vegetatio se position r	n, one prin nust be pre	nary indicator of wetland h esent	ydrology,			
Alaska Red	dox (A14)					·	•					
☐ Alaska Gle	eyed Pores (A1	15)		<sup>4</sup> Give details of c	olor chang	е іп кетагк	S					
Restrictive Laye		:										
Type: fros								Hydric Soil Present	? Yes ○ No •			
Depth (inch	nes): 13											
no hydric soil ir	luicators											
HYDROLO	GY											
Wetland Hyd		ators:						Secondary Indi	cators (two or more are required)			
Primary Indica	ntors (any one	is sufficient	:)					Water Stained Leaves (B9)				
Surface Water (A1)			☐ Inundation \	/isible on A	erial Image	ry (B7)	☐ Drainage Patterns (B10) ☐ Oxidized Rhizospheres along Living Roots (C3)					
High Water Table (A2)			Sparsely Veg	jetated Cor	ncave Surfac	ce (B8)						
Saturation (A3) Marl Deposits (B15)							Presence of Reduced Iron (C4)					
Water Ma	ırks (B1)			Hydrogen Su	ılfide Odor	(C1)		Salt Depos	its (C5)			
Sediment	Deposits (B2)	)		Dry-Season	Water Tabl	e (C2)			Stressed Plants (D1)			
Drift Depo				Uther (Expla	in in Rema	rks)			ic Position (D2)			
	or Crust (B4)								uitard (D3)			
☐ Iron Depo	` '								raphic Relief (D4)			
	oil Cracks (B6)	)						☐ FAC-neutra	l Test (D5)			
Field Observa		v (										
Surface Water	r Present?		No •	Depth (inche	es):							
Water Table F	Present?	Yes 🤇	No 💿	Depth (inche	es):		Wetla	nd Hydrology Presen	t? Yes ○ No •			
Saturation Pre (includes capi		Yes 💿	No O	Depth (inche	es): 10							
Describe Recor	Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:											
Down day												
Remarks:												
iots of rain pro	pably causing	the saturat	ion, does n	ot appear to be asso	ciated with	a water tab	ie.					

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