WETLAND DETERMINATION DATA FORM - Alaska Region

pplicant/Owner: Alaska Energy Authority nvestigator(s): ERT, TXC				Sampling Point: SI	W15_T324_01		
		_			1100101		
	Li	Landform (hillside, terrace, hummocks etc.): Backslope					
ocal relief (concave, convex, none): hummocky	s	Slope: 10.5	% / 6.0	° Elevation:			
	Lat.:				atum: WGS84		
oil Map Unit Name:			No ○	NWI classification: PEM1E			
	ficantly or	disturbed? blematic?	Are "N (If nee	(If no, explain in Remarks.) ormal Circumstances" present? Yes ded, explain any answers in Remarks.) s, transects, important features,			
Hydrophytic Vegetation Present? Yes ● No ○							
Hydric Soil Present? Yes ● No ○		Is the Sampled Area within a Wetland? Yes ● No ○					
Wetland Hydrology Present? Yes ● No ○							
Remarks:							
	solute	Dominant	Indicator	Dominance Test worksheet:			
Tree Stratum	Cover	Species?	Status	Number of Dominant Species That are OBL, FACW, or FAC:	4(A)		
				Total Number of Dominant			
2.				Species Across All Strata:	6 (B)		
3.				Percent of dominant Species	66 70/ (A/D)		
4				That Are OBL, FACW, or FAC:	66.7% (A/B)		
5				Prevalence Index worksheet:			
Total Cover:	0			Total % Cover of: Multiply	by:		
Sapling/Shrub Stratum 50% of Total Cover: 0	_ 20% o	f Total Cover:	0	OBL Species <u>18</u> x 1 =	18		
Dasiphora fruticosa	5	✓	FAC	FACW Species 4 x 2 =	8		
2. Betula nana	3	✓	FAC	FAC Species 9 x 3 =	27		
3. Picea glauca	2	✓	FACU	FACU Species 5 x 4 =	20		
4.	0			UPL Species 0 x 5 =	0		
5.	0			Column Totals:36 (A)	73 (B)		
6.	0						
7.	0			Prevalence Index = B/A =	2.028		
8.	0			Hydrophytic Vegetation Indicators:			
9.	0			✓ Dominance Test is > 50%			
10.				Prevalence Index is ≤3.0			
Total Cover: Herb Stratum 50% of Total Cover: 5		of Total Cover:	2	Morphological Adaptations (Provide Remarks or on a separate sheet)	supporting data in		
Eriophorum angustifolium	12	✓	OBL	Problematic Hydrophytic Vegetation	(Explain)		
2. Carex Ioliacea	3	✓	OBL	¹ Indicators of hydric soil and wetland hydro	ology must		
3. Carex scirpoidea	3	✓	FACU	be present, unless disturbed or problemati	С.		
4. Carex aquatilis	2		OBL	Plot size (radius, or length x width)	10m		
5. Equisetum palustre	2		FACW	% Cover of Wetland Bryophytes	10m		
6. Saussurea americana	2		FACW	(Where applicable)	_100		
7. Carex rariflora	1		OBL	% Bare Ground	0		
8. Thalictrum alpinum	1		FAC	Total Cover of Bryophytes	100		
9.	0						
10.	0			Hydrophytic			
Total Cover:	26			Vegetation			
50% of Total Cover: 13	_ 20% o	f Total Cover:	5.2	Present? Yes • No •			

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SOIL Sampling Point: SW15_T324_01

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators) Redox Features											
Depth (inches)	Color (mois			Color (moist)	%	Type ¹	_Loc_2	- Texture	Remarks		
0-5	Color (Illois	<u>., </u>	70	oloi (illoist)	-70	Турс	LUC	Peat	Oi		
5-9								Peaty Muck			
									Oe		
9-14								Muck	Oa		
						-					
¹ Type: C=Concentration. D=Depletion. RM=Reduced Matrix ² Location: PL=Pore Lining. RC=Root Channel. M=Matrix											
Hydric Soil Inc	dicators:		I	ndicators for P	roblematic	Hydric So	oils: ³				
Histosol or I	Histel (A1)			Alaska Color Change (TA4) Alaska Gleyed Without Hue 5Y or Redder							
✓ Histic Epipe	don (A2)			Alaska Alpine s	swales (TA5)		Underlying Layer			
Hydrogen S	ulfide (A4)			Alaska Redox	With 2.5Y H	ue		Other (Explain in Remark	s)		
☐ Thick Dark S	Surface (A12)										
Alaska Gleye	ed (A13)			³ One indicator of and an appropria				nary indicator of wetland h	ydrology,		
Alaska Redo	x (A14)				•	·	•	CSCIIC			
Alaska Gleye	ed Pores (A15)			⁴ Give details of c	color change	e in Remark	(S				
Restrictive Layer	(if present):										
Type:								Hydric Soil Present	? Yes ● No O		
Depth (inche	s):										
HYDROLOG											
Wetland Hydro									cators (two or more are required)		
Primary Indicato		sufficient)							ned Leaves (B9)		
Surface Wa	` ,			Inundation \	isible on Ae	erial Image	ry (B7)				
	₩ High Water Table (A2)						ce (B8)		hizospheres along Living Roots (C3)		
Saturation (. ,			Marl Deposit	s (B15)			_	f Reduced Iron (C4)		
Water Mark				Hydrogen Su				Salt Depos			
	eposits (B2)			Dry-Season					Stressed Plants (D1)		
☐ Drift Depos				U Other (Expla	iin in Remar	ks)			c Position (D2)		
Algal Mat o									uitard (D3)		
Iron Depos	. ,								raphic Relief (D4)		
	l Cracks (B6)						1	FAC-neutra	l Test (D5)		
Field Observat			🔘								
Surface Water I	Present?	Yes O		Depth (inche	es):						
Water Table Pre	esent?	Yes 💿	No O	Depth (inche	es): 9		Wetla	nd Hydrology Presen	t? Yes • No 🔾		
Saturation Pres (includes capilla		Yes	No O	Depth (inche	es): 0						
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:											
D .											
Remarks:											
D1stunted pice	a.										

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