## WETLAND DETERMINATION DATA FORM - Alaska Region

Applicant/Owner: Alaska Energy Authority Sampling Point: SW13_T16 Investigator(s): JER Landform (hillside, terrace, hummocks etc.): Shoulder slope Local relief (concave, convex, none): convex Slope: 8.7 % / 5.0 ° Elevation: 900	32_03
nvestigator(s): JER Landform (hillside, terrace, hummocks etc.): Shoulder slope	
300	
Subregion: Interior Alaska Mountains Lat.: 62.872522831 Long.: -148.601494789 Datum: W	/GS84
	0004
Soil Map Unit Name: NWI classification: PSS1B	
Are climatic/hydrologic conditions on the site typical for this time of year?  Are Vegetation , Soil , or Hydrology significantly disturbed?  Are "Normal Circumstances" present? Yes No No Are "Normal Circumstances" present? Yes No No 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.	
Hydrophytic Vegetation Present? Yes  No	
S the Sampled Area	
within a Wetland? Yes • No ·	
Wetland Hydrology Present? Yes   No   No   No   No   No   No   No   N	
Remarks: upper slope/shoulder above wet meadow, borderline low tall betnan BIRCHLANDIA, small barren depressions that prob have standig seasonally	j water
/EGETATION - Use scientific names of plants. List all species in the plot.	
Absolute Dominant Indicator Dominance Test worksheet:	
Tree Stratum % Cover Species? Status Number of Dominant Species	(4)
1. That are OBL, FACW, or FAC: 3	(A)
2 Total Number of Dominant Species Across All Strata:4	(B)
3. Percent of dominant Species	
4. 0 That Are OBL, FACW, or FAC: 75.0%	(A/B)
5. Prevalence Index worksheet:	
Total Cover:   Total Cover:  Total W Cover of: Multiply by:	
Sapling/Shrub Stratum 50% of Total Cover: 0 20% of Total Cover: 0 OBL Species 5 x 1 = 5	
FACW Species on W27 co	_
1. Detail glandalood	
2 Lodium documbars	
o. Eddin decomberio	
5 Standard Green and Green	
	<u>4</u> (B)
Prevalence Index = B/A = 2 939	
Total Control of the	
Total Cover: 166 Morphological Adaptations <sup>1</sup> (Provide supporting Herb Stratum 50% of Total Cover: 83.05 20% of Total Cover: 33.22 Remarks or on a separate sheet)	data in
1. Cornus suecica 15 FAC Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
2. Rubus arcticus (IAM) 10 FACU 1 Indicators of hydric soil and wetland hydrology must	r
3. Rubus chamaemorus 5 FACW be present, unless disturbed or problematic.	
4 Calamagrostis canadensis 3 FAC	
5 Trientalis europaea 1 FACU Plot size (radius, or length x width) 10m	_
6. Equisetum arvense  3	_
7. Anemone multifida 2 UPL % Bare Ground 1	
8. Artemisia norvegica 1 FACU Total Cover of Bryophytes 65	_
9. Carex aquatilis 5 OBL	_
Sich as instance and instance	
Total Cover: 46 Vegetation	
50% of Total Cover: 23 20% of Total Cover: 9.2 Present? Yes No	
Remarks: hylspl 35, stereo 5, cladis 15, neparc 10, carbiq? 2 just emerging	

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SOIL Sampling Point: SW13\_T182\_03

(inches)	Color (m	oist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-2			100					Fibric Organics	
2-10	5YR	3/3						Sandy Loam	10 yr2/2 organics 45% cryoturbate
10-12	10YR	3/3	100					Loamy Sand	few small gravel
									_
									_
									_
Type: C=Concer	ntration. D	=Depletior	n. RM=Reduced	d Matrix <sup>2</sup> Locatio	n: PL=Pore L	Lining. RC=F	Root Cha	nnel. M=Matrix	
ydric Soil Indi	cators:			Indicators for P	roblematic F	Hydric Soils	3 S:		
Histosol or His				Alaska Color C	4	1		Alaska Gleyed Without	Hue 5Y or Redder
Histic Epipedo	on (A2)			Alaska Alpine	swales (TA5)			Underlying Layer	
Hydrogen Sul	fide (A4)			Alaska Redox	With 2.5Y Hue	е	✓	Other (Explain in Rema	rks)
Thick Dark Su	•	<u>?</u> )		3 One indicator of	f hydrophytic	vogotation	ono prim	nary indicator of wetland	hudrology
Alaska Gleyed				and an appropria					riyurology,
☐ Alaska Redox	` '	(F)		<sup>4</sup> Give details of o	color change i	n Remarks			
Alaska Gleyed	Pores (A)	.5)							
strictive Layer (i	if present)	:							
Type: frost								Hydric Soil Presen	t? Yes 💿 No 🔾
Depth (inches)	): 12							•	
emarks:		)ha-dipyrid	yl. cryoturbate	d soils.				•	
Depth (inches) emarks: sitive reaction to		oha-dipyrid	yl. cryoturbate	d soils.				·	
emarks: sitive reaction to	o alpha, alı	oha-dipyrid	yl. cryoturbate	d soils.				•	
emarks: sitive reaction to  /DROLOGY	o alpha, alı Y ogy Indic	ators:		d soils.				Secondary Inc	dicators (two or more are require
marks: sitive reaction to  /DROLOGY etland Hydrologimary Indicators	Y ogy Indic s (any one	ators:						Secondary Inc	ained Leaves (B9)
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