WETLAND DETERMINATION DATA FORM - Alaska Region

Applicant/Owner: Alaska Energy Authority Investigator(s): JGK Local relief (concave, convex, none):	Landform (hills	nido torroo	Sampling Point: SW13_T184_05		
Investigator(s): JGK	Landform (hills	side terree			
Local relief (concave, convex, none):		side, lerrac	e, hummocks etc.): Bench		
	Slope:	% / 4.7	° Elevation: 696		
Subregion: Interior Alaska Mountains Lat.:	62.85069716		Long.: -148.578978658 Datum: NAD83		
Soil Map Unit Name:			NWI classification: Upland		
Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally SUMMARY OF FINDINGS - Attach site map showing sa	itly disturbed? problematic?	(If nee	(If no, explain in Remarks.) ormal Circumstances" present? Yes ● No ○ ded, explain any answers in Remarks.)		
Hydrophytic Vegetation Present? Yes No	ls [.]	the Sam	pled Area		
Hydric Soil Present? Yes No		thin a W	-		
Wetland Hydrology Present? Yes ○ No ● Remarks: A few large angular boulders at surface		a **	ouding.		
VEGETATION - Use scientific names of plants. List all sp	·	olot.	Dominance Test worksheet:		
Tree Stratum % Cove		Status	Number of Dominant Species That are OBL, FACW, or FAC: 3 (A)		
1. Picea glauca 3	-	FACU	Total Number of Dominant		
2			Species Across All Strata:3 (B)		
3			Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)		
5.	- =				
Total Cover: 3	_		Prevalence Index worksheet: Total % Cover of: Multiply by:		
	— % of Total Cover:	0.6	0.00		
			OBL Species 0 x1 = 0 FACW Species 25 x2 = 50		
Betula nana Vaccinium uliginosum 30		FAC FAC	FAC Species 104 x 3 = 312		
Vaccinium uliginosum Rhododendron tomentosum Rhododendron tomentosum	-	FACW	FACU Species 10.1 x 4 = 40.40		
4. Empetrum nigrum 12		FAC	UPL Species 0 x 5 = 0		
5. Vaccinium vitis-idaea 7		FAC	Column Totals: 139.1 (A) 402.4 (B)		
6. Spiraea stevenii 7		FACU			
7. Picea glauca 0.1		FACU	Prevalence Index = B/A = 2.893		
8.			Hydrophytic Vegetation Indicators:		
90	_ 🔲		✓ Dominance Test is > 50%		
100	_		✓ Prevalence Index is ≤3.0		
Total Cover: 126 Herb Stratum 50% of Total Cover: 63.05 20		25.22	Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)		
1. Cornus suecica 10		FAC	Problematic Hydrophytic Vegetation ¹ (Explain)		
20			¹ Indicators of hydric soil and wetland hydrology must		
3	_ =		be present, unless disturbed or problematic.		
4	- =		Plot size (radius, or length x width) <u>10m</u>		
5			% Cover of Wetland Bryophytes 0		
0.	-		(Where applicable)		
7. 8	_ =		% Bare Ground		
90			Total Cover of Bryophytes		
10.			Hydrophytic		
Total Cover: 10	_		Vegetation		
	% of Total Cover:	2	Present? Yes No No		

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SOIL Sampling Point: SW13_T184_05

(inches)							_ 1	. 2	Texture	Remarks
0-4	Color (m	oist)	<u>%</u> _	Color (m	oist)	<u>%</u>	Type ¹	Loc ²	Fibric Organics	Kemarks
4-5			100						Charcoal w silt	Wavy boundary-thinner in some portions o
	7 FVD									- wavy boundary-unimer in some portions o
5-12	7.5YR	3/3		5YR	3/4	30	C	PL_	Fine Loamy Sand	-
12-14	10YR	3/2							Silty Coarse Gravel	Includes large angular cobbles 3-5 in diame
1Type: C=Con	contration		- PM-Poduc	and Matrix	2 Location	DI Dore	- Lining PC	`Poot Cha	nnel. M=Matrix	
		-рерісцої	i. Kiii–Keduc						illilei. III—IIIdu ix	
Thick Dark Alaska Gley Alaska Redo	Histel (A1) edon (A2) Sulfide (A4) Surface (A12 red (A13)			Alask Alask Alask 3 One in and an	ors for Pro ka Color Cha ka Alpine sw ka Redox W Indicator of h appropriate letails of col	ange (TA4 vales (TA5 fith 2.5Y h nydrophyt e landscap	(4) (5) Hue lic vegetation of position of the	on, one prin	Alaska Gleyed Without F Underlying Layer Other (Explain in Remar nary indicator of wetland	ks)
Restrictive Layer Type: Depth (inche	, ,	:							Hydric Soil Present	t? Yes O No 💿
Remarks:										
Remarks: no hydric soil in	ndicators GY	ators:							Secondary Ind	icators (two or more are required)
Remarks:	GY ology Indic		ıt)							icators (two or more are required) ined Leaves (B9)
Remarks: IVDROLOG Wetland Hydro Primary Indicato Surface Wa High Water	GY ology Indicators (any one ater (A1) r Table (A2)		nt)	Spa	undation Visarsely Vege	tated Con			Water Sta Drainage Oxidized F	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3)
Remarks: IVDROLOG Wetland Hydro Primary Indicate Surface Wa High Water Saturation	GY ology Indicators (any one ater (A1) r Table (A2) (A3)		nt)	Spa	arsely Vege Irl Deposits	etated Con (B15)	cave Surfa		Water Sta Drainage Oxidized F	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4)
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Remarks: IYDROLOG Wetland Hydro Primary Indicate Surface Wa High Water Saturation Water Mark Sediment D Drift Depos	GY ology Indicators ors (any one ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3) or Crust (B4)	is sufficier	nt)	Spa	arsely Vege Irl Deposits drogen Sulf y-Season W	etated Con (B15) fide Odor /ater Table	cave Surfac (C1) e (C2)		Water Sta Drainage Oxidized F Presence Salt Depo Stunted o Geomorph Shallow A	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3)
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