WETLAND DETERMINATION DATA FORM - Alaska Region

Applicant/Owner: Alaska Energy Authority Investigator(s): CTS, EKJ Local relief (concave, convex, none): flat Slope: 0.0 % / 0.0 ° Elevation: 429 Subregion: Southcentral Alaska Lat.: 62.8059899085 Long.: -149.548469966 Datum: V	37_04
Local relief (concave, convex, none): flat Slope: 0.0 % / 0.0 ° Elevation: 429	
Subregion: Southcentral Alaska Lat.: 62 8059899085 Long.: -149 548469966 Datum: V	
5 222300000000 200 200000000 Datamin -	VGS84
Soil Map Unit Name: NWI classification: PEM1E	
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.	0
Hydrophytic Vegetation Present? Yes No No Shydric Soil Present? Yes No No Shydric Soil Present? Yes No No Shydrology Present? Yes No Shydr	
VEGETATION - Use scientific names of plants. List all species in the plot.	
Absolute Dominant Indicator Dominance Test worksheet:	
Tree Stratum	(Δ)
1. That are OBL, FACW, or FAC: 4 Total Number of Dominant	(A)
2	(B)
3 O Percent of dominant Species	
4 0 That Are OBL, FACW, or FAC:100.0%	(A/B)
5	
Continue Chamber Chamber 50% of Total Covery o	2
57 Obligation of A 32 - 32 - 32 - 32 - 32 - 32 - 32 - 32	
The Consider Advanced Consider	
2 Series status FACIL Species 0.2 x 4 = 0.90	
4 Milion role	
5 Address of Section 1	
5. Andromeda polifolia 0.1 Column Totals: 83.5 (A) 106. 6. Vaccinium oxycoccos 0.1 OBL	<u>.2</u> (B)
7. Prevalence Index = B/A = 1.272	
8. Hydrophytic Vegetation Indicators:	
9	
Total Cover: 11.3 Morphological Adaptations ¹ (Provide supporting Remarks or on a separate sheet)	g data in
1. Trichophorum alpinum 40 OBL Problematic Hydrophytic Vegetation ¹ (Explain)	
2. Carex microglochin 25 ✓ OBL ¹ Indicators of hydric soil and wetland hydrology mus	
3. Cornus canadensis 0.1 FACU be present, unless disturbed or problematic.	
4. Deschampsia cespitosa 1 FAC	
5. Menyanthes trifoliata 2 OBL % Cover of Wetland Bryophytes 40	
6. Drosera anglica OBL (Where applicable)	
7. Scheuchzeria palustris 2 OBL % Bare Ground 20	
8. Eriophorum angustifolium OBL Total Cover of Bryophytes 40	
9	
10 O	
Total Cover: 72.2 Vegetation 50% of Total Cover: 36.1 20% of Total Cover: 14.44 Present? Yes No	
Remarks: Bare ground in strangmoor troughs (flooded)	

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SOIL Sampling Point: SW12_T37_04

Depth	Matrix		Red				-	
	olor (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc 2	Texture	Remarks
0-1							Fibric Organics	
1-16							Hemic Organics	30% roots
								-
							-	
				-				
Type: C=Concentra	ation. D=Depletion	n. RM=Reduced	d Matrix ² Location	n: PL=Pore	Lining. RC	=Root Cha	nnel. M=Matrix	
lydric Soil Indicat	ors:		Indicators for Pr	oblematic	Hydric So	oils:		
Histosol or Histel			Alaska Color Ch		4		Alaska Gleyed Without H	ue 5Y or Redder
Histic Epipedon (` '		Alaska Alpine s		-		Underlying Layer	ac 51 of floads.
Hydrogen Sulfide			 Alaska Redox V	•	•		Other (Explain in Remarl	s)
Thick Dark Surfa	. ,							
Alaska Gleyed (A	,						nary indicator of wetland h	nydrology,
Alaska Redox (A	•		and an appropriat	e landscape	e position r	nust be pre	esent	
Alaska Gleyed Po	*		4 Give details of co	olor change	in Remark	S		
estrictive Layer (if p	resent):							
Tumor							Hydric Soil Present	? Yes 💿 No 🔾
Type:								
Depth (inches): emarks: iii pit on edge of str	angmoor ridge, tr	oughs have loc	ose soil w less roots	5				
Depth (inches): emarks:	angmoor ridge, tr	oughs have loc	ose soil w less roots	5				
Depth (inches): emarks: bil pit on edge of str		oughs have loc	ose soil w less roots	5				
Depth (inches): emarks: bil pit on edge of str YDROLOGY Vetland Hydrology	· Indicators:		ose soil w less roots	3			Secondary Indi	cators (two or more are required)
Depth (inches): emarks: bil pit on edge of str YDROLOGY Vetland Hydrology Primary Indicators (a	r Indicators: ny one is sufficier						Secondary Indi	ned Leaves (B9)
Depth (inches): emarks: bil pit on edge of str YDROLOGY //etland Hydrology trimary Indicators (a	r Indicators: iny one is sufficier A1)		☐ Inundation V	isible on Ae			Secondary Indi Secondary Indi Drainage R	ned Leaves (B9) Patterns (B10)
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