WETLAND DETERMINATION DATA FORM - Alaska Region

Applicant/Owner: Alaska Energy Authority BAB Landform (hillside, terrace, hummocks etc.): Hillside Local relief (concave, convex, none): bouldery Slope: % / 23.0 ° Elevation: 102 Subregion: Interior Alaska Mountains Lat.: 62.8183396995 Long.: -147.778413306 Datum: NAD8: Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No No (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 Vegetation Present? Yes Vegetation Present? Yes No Vegetation Present? Yes No Vegetation Present? Yes Vegetation
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Livetic Sail Proceeds Ves No
within a Water all Voc () No (•)
Wetland Hydrology Present? Yes No No Within a Wetland?
VEGETATION - Use scientific names of plants. List all species in the plot. Absolute Dominant Indicator Tree Stratum Species? Status Number of Dominant Species
That are OBL, FACW, or FAC: 2 (A
Total Number of Dominant
Species Actors All Ottala.
Percent or dominant Species That Are ORL FACTOR FACTOR FACTOR (A
5. 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Prevalence Index worksheet:
Continue Charles State Covery 20 20% of Total
FACIN Species 4 27
1. Alnus viridis 85 FAC FACW Species 1 x 2 = 2
2. Ribes triste
URI Creation
Column Totals. 157.2 (A)
6 0
7
8 O Hydrophytic Vegetation Indicators: 9. O Dominance Test is > 50%
Tredicte floor 5 250
Total Cover: 98 Morphological Adaptations (Provide supporting data 50% of Total Cover: 49 20% of Total Cover: 19.6 Remarks or on a separate sheet)
1. Calamagrostis canadensis 20 FAC Problematic Hydrophytic Vegetation (Explain)
2. Polemonium pulcherrimum 5 UPL ¹ Indicators of hydric soil and wetland hydrology must
3. Chamaenerion angustifolium 1 FACU be present, unless disturbed or problematic.
4. Stellaria longifolia 1 FAC Plot size (radius, or length x width) 10m
5. Dryopteris expansa 8
6. Luzula parviflora 2
7. Petasites frigidus 1 FACW % Bare Ground 40
8. Micranthes nelsoniana 1 FAC Total Cover of Bryophytes 3
9. Aconitum delphiniifolium 0.1 FAC
10. Boykinia richardsonii 0.1 Hydrophytic
Total Cover: 39.2 Vegetation present? Yes ● No ○
Remarks:

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SOIL Sampling Point: SW13_T119_03

Profile Description								
		the depth ned Matrix	eded to docum	nent the indicator or co	onfirm the absence dox Features			
Depth (inches)	Color (moist) %			Color (moist) % Type ¹			Texture	Remarks
0-3	Color (mo	ist)		Color (moist)	<u> </u>	ype Loc	Fibric Organics	Kemarks
3-6	10YR	3/2	100				Silt Loam	with organic content
								with organic content
6-8	10YR	4/2	100				Sandy Loam	P
8-20	10YR	3/2	100				Sandy Loam	
							_	, -
¹Type: C=Con	centration. D=	Depletion.	RM=Reduce	ed Matrix ² Location	n: PL=Pore Li	ning. RC=Root Cl	hannel. M=Matrix	-
Hydric Soil Ir	ndicators:			Indicators for Pi	roblematic H	ydric Soils: ³		
	Histel (A1)			Alaska Color C	4	[Alaska Gleyed Without H	ue 5Y or Redder
Histic Epipe	. ,			Alaska Alpine swales (TA5)			Underlying Layer	
	Sulfide (A4)			Alaska Redox V	With 2.5Y Hue		Other (Explain in Remarl	ks)
☐ Thick Dark	Surface (A12))						
Alaska Gle	yed (A13)			³ One indicator of and an appropria			rimary indicator of wetland h	nydrology,
Alaska Red	ox (A14)					·	resent	
Alaska Gle	yed Pores (A1	5)		⁴ Give details of c	olor change in	Remarks		
Restrictive Laye	r (if present):							
Type:							Hydric Soil Present	? Yes O No 💿
Depth (inch	es):							
Remarks:								
no hydric soil in	dicators obser	ved						
all layers have a	ingular to sub	angular gra	vel and cobb	oles				
HADBOLO	CV							
HYDROLO		tors					Cospedani Indi	
Wetland Hydr	ology Indica							cators (two or more are required)
Wetland Hydr	cology Indica			Injundation V	/isible on Aeria	I Imagery (B7)	Water Stai	ined Leaves (B9)
Wetland Hydr Primary Indicat	cology Indica cors (any one i ater (A1)					I Imagery (B7)	Water Stai	ined Leaves (B9) Patterns (B10)
Wetland Hydr Primary Indicat Surface W High Wate	cology Indica cors (any one i ater (A1) er Table (A2)			Sparsely Veg	jetated Concav	I Imagery (B7) re Surface (B8)	Water Stai Drainage F Oxidized R	ined Leaves (B9)
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Wetland Hydr Primary Indicat Surface W High Wate Saturation Water Mar Sediment Drift Depo Algal Mat	rology Indicators (any one is ater (A1) or Table (A2) (A3) rks (B1) Deposits (B2) sits (B3) or Crust (B4)			Sparsely Veg Marl Deposit Hydrogen Su Dry-Season	getated Concav s (B15) ulfide Odor (C1 Water Table (C	re Surface (B8)	Water Stai Drainage F Oxidized R Presence of Salt Depos Stunted or Geomorph Shallow Ao	Patterns (B10) Chizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) Stressed Plants (D1) ic Position (D2) quitard (D3)
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