## WETLAND DETERMINATION DATA FORM - Alaska Region

Applicant/Owner: Alaska Energy Authority  Investigator(s): CTS, EKJ  Local relief (concave, convex, none): flat  Sampling Point: SW12_  Landform (hillside, terrace, hummocks etc.): Flat  Slope: 0.0 % / 0.0 ° Elevation: 467	T37_02
0 ( ) 10, 2.10	
Local relief (conceve convey none): Ital	
Local relief (concave, convex, none): flat Slope: 0.0 % / 0.0 ° Elevation: 467	
Subregion : Southcentral Alaska Lat.: 62.8055599086 Long.: -149.540729966 Datum:	WGS84
Soil Map Unit Name: NWI classification: PSS1B	
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.	No O
Hydrophytic Vegetation Present? Yes No No No No Hydric Soil Present? Yes No No No No Wetland Hydrology Present? Yes No	
VEGETATION - 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 That are OBL, FACW, or FAC: 4	(A)
1. Picea mariana 20 FACW Total Number of Dominant	, (A)
2	(B)
3 Percent of dominant Species	
4 0 That Are OBL, FACW, or FAC:100.0%	(A/B)
5	
	2.1
1. Vaccinati diginocan	70
TACH Species 44 VAT	3.30 5.4
	6.4
0.1	0
	81.8 (B)
6. Vaccinium ovalifolium  7. Menziesia ferruginea  1	
9. Potulo paga	
9. 0 Dominance Test is > 50%	
10	
Total Cover: 48.2	ing data in
1. Listera cordata 0.1 FACU Problematic Hydrophytic Vegetation (Explain	1)
2. Rubus chamaemorus 50 FACW 1 Indicators of hydric soil and wetland hydrology m	ust
3. Carex microglochin 2 OBL be present, unless disturbed or problematic.	
4. Cornus canadensis 2 FACU	
50 Cover of Wetland Bryophytes 90	
6 (Where applicable)	
7	
8 O Total Cover of Bryophytes90	
9	
nydropnytic	
Total Cover: 54.1 Vegetation 50% of Total Cover: 27.05 20% of Total Cover: 10.82 Present? Yes No	
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SOIL Sampling Point: SW12\_T37\_02

(inches) Color (	Matrix			nfirm the abs		ators)	-	
Color (I	noist) 9	6 Colo	r (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-4	<u> </u>	3		_			Fibric Organics	7% roots
4-12		)5					Hemic Organics	5% roots
12-16	1	00					Sapric Organics	few roots
							-	
							-	
<sup>1</sup> Type: C=Concentration.	D=Depletion. RM				_		nnel. M=Matrix	
Hydric Soil Indicators:			cators for Pr		4	oils:	1	
Histosol or Histel (A1)			Alaska Color Cl		-		Alaska Gleyed Without H	ue 5Y or Redder
Histic Epipedon (A2)			Alaska Alpine s	•	•		Underlying Layer	
Hydrogen Sulfide (A4)		$\sqcup$ $\iota$	Alaska Redox V	With 2.5Y H	lue		Other (Explain in Remar	KS)
Thick Dark Surface (A:	12)	3 ∩r	ne indicator of	hydronhyt	ic vegetatio	n one nrin	nary indicator of wetland h	pydrology
Alaska Gleyed (A13)			an appropriat					rydrology,
Alaska Redox (A14)		4 Gi	ve details of c	olor change	in Domark	re		
Alaska Gleyed Pores (A	A15)		ve details of e	olor change	Z III Nemark			
Restrictive Layer (if present	:):							
Type:							Hydric Soil Present	? Yes • No O
Depth (inches):								
HYDROLOGY								
HYDROLOGY Wetland Hydrology Indi	cators:						_Secondary Indi	cators (two or more are required)
								cators (two or more are required)ned Leaves (B9)
Wetland Hydrology Indi Primary Indicators (any on Surface Water (A1)	e is sufficient)		Inundation V	/isible on Ae	erial Image	ry (B7)	Water Stai	
Wetland Hydrology Indi Primary Indicators (any on Surface Water (A1) High Water Table (A2	e is sufficient)		Inundation V Sparsely Veg		_		Water Stai Drainage I Oxidized R	ned Leaves (B9) Patterns (B10) chizospheres along Living Roots (C3)
Wetland Hydrology Indi Primary Indicators (any on Surface Water (A1) High Water Table (A2 Saturation (A3)	e is sufficient)			etated Con	_		Water Stai Drainage I Oxidized R Presence o	Patterns (B10) Chizospheres along Living Roots (C3) of Reduced Iron (C4)
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Wetland Hydrology Indi Primary Indicators (any on  Surface Water (A1)  ✓ High Water Table (A2  ✓ Saturation (A3)  Water Marks (B1)  Sediment Deposits (B.	e is sufficient)		Sparsely Veg Marl Deposite Hydrogen Su Dry-Season V	jetated Con s (B15) ilfide Odor Water Table	cave Surfac		Water Stail Drainage I Oxidized R Presence o Salt Depos	rined Leaves (B9) Patterns (B10) Chizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) Stressed Plants (D1)
Primary Indicators (any on  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B3)	e is sufficient) )		Sparsely Veg Marl Deposits Hydrogen Su	jetated Con s (B15) ilfide Odor Water Table	cave Surfac		Water Stai Drainage I Oxidized R Presence o Salt Depos Stunted or	Patterns (B10) chizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) - Stressed Plants (D1) ic Position (D2)
Wetland Hydrology Indi Primary Indicators (any on  Surface Water (A1)  ✓ High Water Table (A2  ✓ Saturation (A3)  Water Marks (B1)  Sediment Deposits (B3)  Algal Mat or Crust (B4)	e is sufficient) )		Sparsely Veg Marl Deposite Hydrogen Su Dry-Season V	jetated Con s (B15) ilfide Odor Water Table	cave Surfac		Water Stai Drainage I Oxidized R Presence o 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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