WETLAND DETERMINATION DATA FORM - Alaska Region

oplicant/Owner: Alaska Energy Authority vestigator(s): SLI, SCB ocal relief (concave, convex, none): concave				Sampling Point: SW15_T320_08			
vestigator(s): SLI, SCB							
scal relief (concave, convex, none);		Landform (hill	side, terrac	e, hummocks etc.): Kettle			
ocal relief (concave, convex, none): concave		Slope: 0.0	%/ 0.0	• Elevation:			
ubregion : Cook Inlet Mountains	Lat.:			Long.: Datum: WGS84			
bil Map Unit Name:				NWI classification: PUBH			
re climatic/hydrologic conditions on the site typical for this time Are Vegetation, Soil, or Hydrologysig	nificantly urally pr	y disturbed? oblematic?	(If nee	(If no, explain in Remarks.) ormal Circumstances" present? Yes ● No ○ ded, explain any answers in Remarks.)			
	ig sun						
Hydrophytic Vegetation Present? Yes ● No ○ Hydric Soil Present? Yes ● No ○ Wetland Hydrology Present? Yes ● No ○ Remarks: pond with very narrow (unmappable) wet sedge frin	the Sampled Area ithin a Wetland? Yes No O						
EGETATION - Use scientific names of plants. List	_		·				
۵	bsolute	Dominant	Indicator	Dominance Test worksheet:			
	6 Cover	Species?	Status	Number of Dominant Species That are OBL, FACW, or FAC: 0 (A)			
1				That are OBL, FACW, or FAC: (A) Total Number of Dominant			
2				Species Across All Strata: 0 (B)			
3.				Percent of dominant Species			
4.				That Are OBL, FACW, or FAC: 0.0% (A/B)			
5				Prevalence Index worksheet:			
Total Cover:	0			Total % Cover of: Multiply by:			
Sapling/Shrub Stratum 50% of Total Cover: 0	20%	of Total Cover:	0	OBL Species x 1 =			
1				FACW Species x 2 =			
2.				FAC Species x 3 =			
3.				FACU Species <u>0</u> x 4 = <u>0</u>			
4.				UPL Species x 5 =			
5.				Column Totals: <u>0</u> (A) <u>0</u> (B)			
6.							
7				Prevalence Index = B/A =0.000			
8				Hydrophytic Vegetation Indicators:			
9				Dominance Test is > 50%			
10				Prevalence Index is ≤3.0			
Total Cover:	0 20%	6 of Total Cover	:	Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet)			
1	0			\checkmark Problematic Hydrophytic Vegetation (Explain)			
2	0			¹ Indicators of hydric soil and wetland hydrology must			
3	0			be present, unless disturbed or problematic.			
4				Plot size (radius, or length x width)			
5	0			% Cover of Wetland Bryophytes			
6	0			(Where applicable)			
7	0			% Bare Ground			
8.	0			Total Cover of Bryophytes			
9	0						
10 Total Cover:				Hydrophytic Vegetation			
50% of Total Cover: 0	020%	of Total Cover:	0	Present? Yes No			
Remarks: 10% cover sparganium or potamageton				1			

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators) Matrix Redox Features												
Depth (inches)	Color (moist	:)	%	Color (moist)	%	Type ¹	_Loc_2	Texture	R	emarks		
								-	-			
								-				
									-			
							-	·				
									8			
¹ Type: C=Concentration. D=Depletion. RM=Reduced Matrix ² Location: PL=Pore Lining. RC=Root Channel. M=Matrix												
Hydric Soil Ir	dicators:			Indicators for Pr	oblemati	c Hydric So	oils: ³					
Histosol or	Histel (A1)			Alaska Color Ch		4		Alaska Gleyed Without H	ue 5Y or Redder			
Histic Epipedon (A2)				Alaska Alpine s	wales (TA	5)		Underlying Layer				
Hydrogen S	Sulfide (A4)			Alaska Redox V	Vith 2.5Y H	lue	\checkmark	Other (Explain in Remark	s)			
Thick Dark	Surface (A12)			30					4 . 1			
Alaska Gleyed (A13) ³ One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, and an appropriate landscape position must be present												
Alaska Red	. ,			⁴ Give details of co								
Alaska Gley	ved Pores (A15)						.5					
Restrictive Laye	r (if present):								_	_		
Type:								Hydric Soil Present	?Yes 🖲	No \bigcirc		
Depth (inch	es):											
unvegetated po	nd, assume hyd	ic soil										
HYDROLO	GY											
Wetland Hydr	ology Indicato	rs:						Secondary Indi	cators (two or mo	ore are required)		
	ors (any one is	sufficient)						Water Stai	ned Leaves (B9)			
Surface W				✓ Inundation V		5	, , ,		atterns (B10)			
High Water Table (A2) Sparsely Vegetated Concave Surface (B8)						ce (B8)	_		J Living Roots (C3)			
Saturation (A3) Marl Deposits (B15) Presence of Reduced Iron (C4) Water Marks (B1) Hydrogen Sulfide Odor (C1) Salt Deposits (C5)								_4)				
Water Marks (B1) Hydrogen Sulfide Odor (C1) Salt Deposits (C5) Sediment Deposits (B2) Dry-Season Water Table (C2) Stunted or Stressed Plants (D1)								01)				
Sequence Dry-season water Table (C2) Stutted of Stressed Plants (D1) Drift Deposits (B3) Other (Explain in Remarks) Geomorphic Position (D2)												
	or Crust (B4)					110)			uitard (D3)			
Iron Depo	sits (B5)							Microtopog	raphic Relief (D4)		
Surface Sc	il Cracks (B6)							FAC-neutra	l Test (D5)			
Field Observa	tions:	0	0									
Surface Water	Present?	Yes 🖲	No 🔾	Depth (inche	es): 24							
Water Table P	resent?	Yes \bigcirc	No 🖲	Depth (inche	es):		Wetla	nd Hydrology Presen	t? Yes 🖲	No \bigcirc		
Saturation Pre (includes capil		Yes \bigcirc	No 🖲	Depth (inche	es):							
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:												
Remarks:												