WETLAND DETERMINATION DATA FORM - Alaska Region

Applicant/Owner: Alaska Energy Authority Investigator(s): SLI, EAC Local relief (concave, convex, none): none	Landform (hills	side, terrace, hummocks etc.): Pond	SW13_T150_07
Local relief (concave, convex, none): none			
	Slope: 0.0	% / 0.0 ° Elevation: 774	
Subregion : Interior Alaska Mountains	at.: 63.328901052	2 Long.: -148.286081314	Datum: WGS84
Soil Map Unit Name:		NWI classification: PUB	н
	f year? Yes ficantly disturbed? rally problematic?	(es No
SUMMARY OF FINDINGS - Attach site map showing	51		,

Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes ● Yes ● Yes ●	No () No () No ()	Is the Sampled Area within a Wetland?	Yes 🖲 No 🔾
Domorkov TI: : : : II III		T150 0C 11		

Remarks: This point is the pond adjacent to SW13-T150-06. It has some small islands 0.5-1m diameter as well as a few black spruce snags in open water near the shoreline.

VEGETATION - Use scientific names of plants. List all species in the plot.

		Absol	ute Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum		% Co		Status	Number of Dominant Species		
1.		-	0		That are OBL, FACW, or FAC: (A)		
2.			0		Total Number of Dominant		
3.		-			Species Across All Strata: (B)		
4.		-			Percent of dominant Species That Are OBL, FACW, or FAC: 0,0% (A/B)		
5.		-					
5	Total Cover	-	0		Prevalence Index worksheet:		
					Total % Cover of: Multiply by:		
Sapling/Shrub Stratum	50% of Total Cover:	0	20% of Total Cover	r: <u>0</u>	OBL Species x 1 =		
1			0		FACW Species <u>0</u> x 2 = <u>0</u>		
2.			0		FAC Species x 3 =		
3.			0		FACU Species <u>0</u> x 4 = <u>0</u>		
4.			0		UPL Species x 5 =		
5.			0		Column Totals: (A) (B)		
6.			0				
7.			0		Prevalence Index = B/A =0.000		
8.			0		Hydrophytic Vegetation Indicators:		
9.			0		Dominance Test is > 50%		
10.			0		$\square Prevalence Index is \leq 3.0$		
10.	Total Cover						
Herb Stratum	50% of Total Cover:		20% of Total Cove	er: 0	Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)		
1			0		Problematic Hydrophytic Vegetation ¹ (Explain)		
2.			0		¹ Indicators of hydric soil and wetland hydrology must		
					be present, unless disturbed or problematic.		
3			0				
4				. <u> </u>	Plot size (radius, or length x width) <u>10m</u>		
5					% Cover of Wetland Bryophytes		
6					(Where applicable)		
7					% Bare Ground		
8					Total Cover of Bryophytes		
9							
10					Hydrophytic		
	Total Cover 50% of Total Cover:				Vegetation Present? Yes • No ·		
		0		r: <u>0</u>			
Remarks: Unvegetated pond.							

	on: (Describe to the depth Matrix	needed to docur		nfirm the ab		cators)			
Depth (inches)	Color (moist)	%	Color (moist)	_%	Type ¹	Loc ²	Texture	Remarks	
	·								
¹ Type: C=Cor	ncentration. D=Depletio	on. RM=Reduce					annel. M=Matrix		
Hydric Soil I	ndicators:		Indicators for Pr		4	oils: ³	_		
Histosol or	Histel (A1)		Alaska Color C		-		Alaska Gleyed Without H	ue 5Y or Redder	
Histic Epip	. ,		Alaska Alpine s	•	,		Underlying Layer		
_ · ·	Sulfide (A4)		Alaska Redox V	With 2.5Y I	Hue	V	Other (Explain in Remark	5)	
	Surface (A12)		³ One indicator of	hvdrophv	tic vegetatio	on, one prir	mary indicator of wetland h	vdroloav,	
Alaska Gle	, , ,		and an appropriat					, · · · · · · · · · · · · · · · · · · ·	
Alaska Red	. ,		⁴ Give details of c	olor chang	e in Remarl	ks			
	yed Pores (A15)								
Restrictive Laye	er (if present):								
Туре:							Hydric Soil Present	? Yes $ullet$ No $igodom$	
Depth (inch	nes):								
Remarks:									
Aassuming hyd	ric soil present because	e site is a pond							
HYDROLO	GY								
Wetland Hyd	rology Indicators:						Secondary Indi	cators (two or more are required)	
Primary Indica	tors (any one is sufficie	ent)					Water Stai	ned Leaves (B9)	
✓ Surface W	/ater (A1)		Inundation V	isible on A	erial Image	ery (B7)	🗌 Drainage F	atterns (B10)	
High Wate	er Table (A2)		Sparsely Veg	etated Cor	ncave Surfa	ce (B8)	Oxidized R	hizospheres along Living Roots (C3)	
Saturation	n (A3)		🗌 Marl Deposit	s (B15)			Presence o	f Reduced Iron (C4)	
Water Ma	. ,		Hydrogen Su				Salt Depos		
_	Deposits (B2)		Dry-Season V		• •			Stressed Plants (D1)	
Drift Depo			✓ Other (Expla	in in Rema	arks)			ic Position (D2)	
	or Crust (B4)							uitard (D3)	
Iron Depo								raphic Relief (D4)	
Surface S	oil Cracks (B6)						FAC-neutra	il Test (D5)	

Field Observations: Surface Water Present?

Water Table Present?

(includes capillary fringe)

Saturation Present?

Depth (inches): 12 Depth (inches): Wetland Hydrology Present? Yes • No O

Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:

Depth (inches):

Yes \bullet No \bigcirc

Yes 🔿 No 🖲

Yes 🔿 No 👁

Remarks:

Surface water is greater than 12in. Unvegetated pond.