WETLAND DETERMINATION DATA FORM - Alaska Region

t/Owner: Alaska Energy Authority					Sampling Point: SW13_T155_01				
	3, 44 4								
lief (concave, convex, none): convex			Slope:	% / 6.6					
			· —						
	L	at <u>0</u>	3.202370913	02					
-				<u> </u>	NWI classification: Upland				
getation , Soil , or Hydrology getation , Soil , or Hydrology ARY OF FINDINGS - Attach site map sho	signifi natura owing	cantly ally pro	disturbed? oblematic?	Are "N (If nee	(If no, explain in Remarks.) Iormal Circumstances" present? Yes No Iorded, explain any answers in Remarks.) Iorded, explain any answers in Remarks.) Iorded, explain any answers in Remarks.)				
.,	mlad Araa								
lydric Soil Present? Yes O No	lacksquare		Is the Sampled Area within a Wetland? Yes ○ No ●						
Vetland Hydrology Present? Yes ○ No (thin a W	etland? fes ono o							
	List al	l spec	cies in the	plot.					
	Abs	olute	Dominant	Indicator	Dominance Test worksheet:				
Stratum	% C		Species?	Status	Number of Dominant Species That are OBL, FACW, or FAC: 2 (A)				
	_				Total Number of Dominant				
	_	0			Species Across All Strata: 3 (B)				
	_	0			Percent of dominant Species				
	_	0			That Are OBL, FACW, or FAC: 66.7% (A/B)				
	_	0			Prevalence Index worksheet:				
Total Cove	er: _	0			Total % Cover of: Multiply by:				
ng/Shrub Stratum 50% of Total Cover:	0	20% (of Total Cover	0	OBL Species $0 \times 1 = 0$				
Cassione tetragona		40	✓	FACU	FACW Species 6 x 2 = 12				
=	_				FAC Species 42.1 x 3 = 126.3				
<u> </u>	_				FACU Species 55.1 x 4 = 220.4				
<u> </u>	_				UPL Species 0.1 x 5 = 0.500				
	_	5		FACW					
	_	1	$\overline{\Box}$		Column Totals: <u>103.3</u> (A) <u>359.2</u> (B)				
·	_	5			Prevalence Index = B/A = 3.477				
ŭ .	_	5			Hydrophytic Vegetation Indicators:				
	_	0			Dominance Test is > 50%				
	_	0			Prevalence Index is ≤ 3.0				
	er:		_		Morphological Adaptations (Provide supporting data in				
			of Total Cover	:17.6	Remarks or on a separate sheet)				
Anthoxanthum monticola ssp. alpinum		3		UPL	Problematic Hydrophytic Vegetation ¹ (Explain)				
Festuca altaica	_	10	✓	FAC	¹ Indicators of hydric soil and wetland hydrology must				
Antennaria monocephala		0.1		UPL	be present, unless disturbed or problematic.				
Lucan adium alauatum		0.1		FACU	Plot size (radius, or length x width) 10m				
Anemone narcissiflora	_	1		FACU	Plot size (radius, or length x width)				
Carex bigelowii	_	0.1		FAC	(Where applicable)				
Solidago multiradiata	_	1		FACU	% Bare Ground				
	_	0			Total Cover of Bryophytes				
		0							
	_	0			Hydrophytic				
Total Cove		15.3			Vegetation Present? Yes No				
			of Total Cover:	3.06	Done Vee E Ne				
	Unit Name: atic/hydrologic conditions on the site typical for this getation	Unit Name: atic/hydrologic conditions on the site typical for this time of getation	Unit Name: Unit Name: Unit Name: attic/hydrologic conditions on the site typical for this time of year? getation	Unit Name: Case Ca	Unit Name: Cassiope tetragona Ago A				

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SOIL Sampling Point: SW13_T155_01

Profile Descript	ion: (Describe to t	he depth ne	eded to doc	ument the inc	dicator or con	firm the ab	sence of indic	cators)		
Depth	M	latrix			Red	ox Featu	res		_	
(inches)	Color (mois	st)	%	Color (n	noist)	<u>%</u>	Type ¹	Loc ²	Texture	Remarks
0-2			100						Coarse Sand	Fibric Organics
2-7	10YR	3/1	70	7.5YR	4/6	30		M	Silt Loam	mixed matrix
7-16	2.5Y	3/1	100						Loamy Sand	subangular coarse fragments 60%
										-
						-		-		
						-			-	
¹ Type: C=Coi	ncentration. D=	Depletion.	RM=Redu	ced Matrix	² Location	: PL=Por	e Lining. RC	C=Root Cha	annel. M=Matrix	
Hydric Soil I	ndicators:			Indicat	ors for Pro	blemati	Hydric So	oils: ³		
Histosol o	r Histel (A1)			Alas	ka Color Ch	ange (TA	1)4		Alaska Gleyed Without H	ue 5Y or Redder
Histic Epip	pedon (A2)			Alas	ka Alpine sv	vales (TA	5)		Underlying Layer	
Hydrogen	Sulfide (A4)			Alas	ka Redox W	ith 2.5Y H	lue		Other (Explain in Remarl	(S)
Thick Darl	k Surface (A12)			3 Ono ii	adicator of l	hydronhyd	ic vogotatio	n one prin	mary indicator of wetland h	yydrology
Alaska Gle	eyed (A13)				appropriate					iyarology,
Alaska Re	. ,			4 Give	letails of co	lor change	n in Domark	·		
☐ Alaska Gle	eyed Pores (A15))		Give	ictalis of co	ioi chang	e III Neillain			
Restrictive Laye	er (if present):									
Type:									Hydric Soil Present	? Yes ○ No •
Depth (incl	nes):									
Remarks:										
rock at variable	e depth. 2.5y lay	er probat	oly parent r	naterial col	or. no hydri	c soil indi	cators.			
	. , ,	•	, .		,					
LIVERGLO	·CV									
HYDROLO									Cd Td:	(
_	rology Indicat stors (any one is		-1							cators (two or more are required) ned Leaves (B9)
	Vater (A1)	Sumcient	. J	Пъ	undation Vi	cible on A	orial Imago	n. (P7)		Patterns (B10)
	er Table (A2)				arsely Vege		-			hizospheres along Living Roots (C3)
Saturation					arsely vege arl Deposits		icave Suriac	te (b6)		of Reduced Iron (C4)
Water Ma					drogen Sul		(C1)		Salt Depos	` ,
	Deposits (B2)				y-Season W					Stressed Plants (D1)
Drift Depo	. ,				her (Explair					ic Position (D2)
	or Crust (B4)				ilei (Expiali	i iii Keiiia	11.5)			quitard (D3)
☐ Iron Depo										graphic Relief (D4)
	oil Cracks (B6)									al Test (D5)
Field Observa										
Surface Wate		Yes C	No •	De	epth (inches	s):				
Water Table F			No 💿			•		Wetla	nd Hydrology Presen	it? Yes O No 💿
Saturation Pre					epth (inches	•		TT CCIA	na rryarology r resen	103 © 110 ©
(includes capi		Yes \subseteq	No 💿	De	epth (inches	s):				
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:										
Remarks:										
no hydrology ii	ndicators observ	/ed								

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