## WETLAND DETERMINATION DATA FORM - Alaska Region

Applica				_		- Triataria ori	xa-Susitna Borough Sampling Date: 03-Aug-13		
	nt/Owner: Alaska Energy Autho	prity					Sampling Point: SW13_T179_05		
_	ator(s): WAD, RWM				Landform (hillside, terrace, hummocks etc.): Toeslope				
Local re	elief (concave, convex, none):	concave		5	Slope: 3.5	_% /	O * Elevation: 1211		
Subreg	on : Interior Alaska Mountains		Lat	6	3.147534966	5	Long.: <u>-148.325654149</u> Datum: <u>WGS84</u>		
Soil Ma	o Unit Name:						NWI classification: PEM1E		
Are Ve	egetation	r Hydrology r Hydrology ch site map sho	significa naturall wing s	antly y pro	disturbed?	(If nee	(If no, explain in Remarks.)  Iormal Circumstances" present? Yes ● No ○  eded, explain any answers in Remarks.)  s, transects, important features, etc.		
,	Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? arks: wet sedge shrub meadow b	Yes No No Yes No No Ordering base of dr	)			the Sam thin a W	ppled Area /etland? Yes ● No ○		
/EGE	TATION - Use scientific nar	mes of plants. L	ist all	spec	cies in the	plot.			
			Absol		Dominant		Dominance Test worksheet:		
	Stratum		% Co		Species?	Status	Number of Dominant Species That are OBL, FACW, or FAC: 3 (A)		
1.				0			Total Number of Dominant		
2.				0			Species Across All Strata:3 (B)		
3.				0			Percent of dominant Species		
4.				0			That Are OBL, FACW, or FAC: 100.0% (A/B)		
5.		Total Cove	 r: <u> </u>	0			Prevalence Index worksheet:  Total % Cover of: Multiply by:		
Sapl	ing/Shrub Stratum 50%	% of Total Cover:	0	of Total Cover:	0	OBL Species <u>45</u> x 1 = <u>45</u>			
1.	Salix fuscescens			25	<b>✓</b>	FACW	FACW Species <u>27</u> x 2 = <u>54</u>		
2.	Francisco niceson			5		FAC	FAC Species <u>111</u> x 3 = <u>333</u>		
3.	Vaccinium uliginosum		_	1		FAC	FACU Species 3 x 4 = 12		
4.			_	0			UPL Species0 x 5 =0		
5.			_	0			Column Totals: <u>186</u> (A) <u>444</u> (B)		
6.				0			Prevalence Index = B/A = 2.387		
7.				0			Trevalence mack - B/A		
8.				0			Hydrophytic Vegetation Indicators:		
_				0			✓ Dominance Test is > 50%		
10.				0			Prevalence Index is ≤3.0		
Herl	Stratum 50°	<b>Total Cove</b> % of Total Cover: _				: 6.2	Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)		
				##	<b>V</b>	FAC	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)		
2.				40	<b>~</b>	OBL	<sup>1</sup> Indicators of hydric soil and wetland hydrology must		
3.			_	5		OBL	be present, unless disturbed or problematic.		
4.				2		FACIA	Plot size (radius, or length x width)		
5.	A a a mitu um a da la bia ifaliu um			2		FACW	% Cover of Wetland Bryophytes		
	Arteminia normanias			2		FACU	(Where applicable)		
	Anomono noroicoifloro			1		FACU	% Bare Ground 40		
9.				0		TACO	Total Cover of Bryophytes _5		
10.				0			Hydrophytic		
10.	10 0  Total Cover:155						Hydrophytic Vegetation		
1	500				of Total Cover:	31	Present? Yes • No •		

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SOIL Sampling Point: SW13\_T179\_05

Profile Descripti		ne depth need atrix	ded to docume	nt the indicator or cor	nfirm the ab		ators)				
Depth (inches)	Color (mois		%	Color (moist)	ox reati %	Type <sup>1</sup>	_Loc_2	Texture	Remarks		
0-3	COIOI (IIIOI	st)	100	COIDI (IIIVISC)	-70	Турс	LUC	Fibric Organics			
3-14			100					Hemic Organics	with sand partcles		
									With Sana partices		
			— —								
									-		
¹Type: C=Cor	ncentration. D=I	Depletion. F	Reduced	Matrix <sup>2</sup> Location	ı: PL=Por	e Lining. RC	=Root Cha	nnel. M=Matrix			
Hydric Soil I	ndicators:			Indicators for Pro	oblemati	c Hydric Sc	oils: <sup>3</sup>				
Histosol or	r Histel (A1)			Alaska Color Ch	nange (TA	.4)		Alaska Gleyed Without H	ue 5Y or Redder		
✓ Histic Epip	edon (A2)			Alaska Alpine s	wales (TA	.5)		Underlying Layer			
Hydrogen	Sulfide (A4)		L	Alaska Redox W	√ith 2.5Y I	Hue		Other (Explain in Remark	is)		
Thick Dark	c Surface (A12)			3 Our - in display of	ldonb	Us as a ababia	· a mulm	· · · · · · · · · · · · · · · · · · ·	J. 1		
Alaska Gle				and an appropriate				nary indicator of wetland h esent	ydrology,		
Alaska Red	` '			4 Give details of co			•				
☐ Alaska Gle	eyed Pores (A15)	)		TOIVE UELAIIS OF CO	NOI Criariy	e III Keiliaik	.5				
Restrictive Laye	er (if present):								- 0		
Type:								Hydric Soil Present	? Yes • No O		
Depth (inch	nes):										
Remarks:											
HYDROLO	GY										
	rology Indicat	ors:						Secondary India	cators (two or more are required)		
Primary Indica	itors (any one is	sufficient)						Water Stair	ned Leaves (B9)		
✓ Surface W	Vater (A1)			☐ Inundation Vi	isible on A	Aerial Imager	ry (B7)	y (B7) Drainage Patterns (B10)			
✓ High Wate	. ,			Sparsely Vege	etated Cor	ncave Surfac	ce (B8)		hizospheres along Living Roots (C3)		
<b>✓</b> Saturation	` ,			Marl Deposits	. ,				f Reduced Iron (C4)		
Water Ma				Hydrogen Sul	lfide Odor	(C1)		Salt Depos			
	Deposits (B2)			Dry-Season V					Stressed Plants (D1)		
☐ Drift Depo				Other (Explain	n in Rema	arks)			ic Position (D2)		
	or Crust (B4)								juitard (D3)		
☐ Iron Depo	` '							_	graphic Relief (D4)		
	oil Cracks (B6)						1	✓ FAC-neutra	l Test (D5)		
Field Observa		Yes •	No O	Dth (inche	· N 4						
Surface Water				Depth (inche	-				- · · · · ·		
Water Table P		Yes		Depth (inche	s): 6		Wetlar	nd Hydrology Presen	t? Yes ⊙ No O		
Saturation Pre (includes capi		Yes	No O	Depth (inches	s): 0						
Describe Recor	ded Data (strea	m gauge, n	nonitor well,	aerial photos, prev	ious inspe	ection) if ava	ilable:				
Remarks:											

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