## WETLAND DETERMINATION DATA FORM - Alaska Region

	rough/City:	Matariask	a-Susitna Borough Sampling Date: 05-Jul-13			
			Sampling Point: SW13_T129_03			
L	Landform (hillside, terrace, hummocks etc.): Hillside  Slope: 40.4 % / 22.0 ° Elevation: 717					
Lat: 6	2 841609478		Long.: -149.026928067 Datum: WGS84			
	2.041000470	,				
		■ N= ○	NWI classification: Upland			
nificantly turally pro	disturbed?	Are "N (If nee	(If no, explain in Remarks.)  formal Circumstances" present? Yes ● No ○  ded, explain any answers in Remarks.)  s, transects, important features, etc.			
	Is the Sampled Area within a Wetland? Yes ○ No ●					
all spec	cies in the	plot.				
hsolute	Dominant	Indicator	Dominance Test worksheet:			
% Cover	Species?	Status	Number of Dominant Species			
20	<b>✓</b>	UPL	That are OBL, FACW, or FAC:  (A)			
0			Total Number of Dominant Species Across All Strata: 3 (B)			
0			Percent of dominant Species			
0			That Are OBL, FACW, or FAC: 0.0% (A/B)			
0			Prevalence Index worksheet:			
20			Total % Cover of: Multiply by:			
20% c	of Total Cover	4	OBL Species 0 x 1 = 0			
55	<b>✓</b>	UPI	FACW Species 0 x 2 = 0			
			FAC Species 17 x 3 = 51			
			FACU Species 95.2 x 4 = 380.8			
			UPL Species 75 x 5 = 375			
			Column Totals: <u>187.2</u> (A) <u>806.8</u> (B)			
			Prevalence Index = B/A =4.310_			
0			Hydrophytic Vegetation Indicators:			
			Dominance Test is > 50%			
0			Prevalence Index is ≤3.0			
	of Total Cover	: 11	☐ Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)			
_70_	<b>✓</b>	FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)			
20		FACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must			
15		FAC	be present, unless disturbed or problematic.			
5		FACU	Plot size (radius, or length x width) 10m			
2		FAC				
0.1		FACU	% Cover of Wetland Bryophytes (Where applicable)			
0.1		FACU	% Bare Ground 40			
0			Total Cover of Bryophytes			
0						
0			Hydrophytic			
112			Vegetation Present?  Yes ○ No ●			
1 20% c	t Total Cover	22.44	Present? Yes ∪ No ♥			
	all speces and speces	Slope: 40.4  Lat.: 62.841609478  e of year? Yes inificantly disturbed? turally problematic?  Is grampling point  all species in the wind booksolute /6 Cover Dominant Species?  20	Slope: 40.4 % / 22.0     Lat:: 62.841609478			

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SOIL Sampling Point: SW13\_T129\_03

<u> </u>								r -	10 54415_1125_65	
		he depth need <b>1atrix</b>	ded to docume	nt the indicator or con	nfirm the abs		ators)			
Depth (inches)	Color (mois		%	Color (moist)	%	Type <sup>1</sup>	_Loc_2	Texture	Remarks	
0-3								Fibric Organics		
3-7					-			Sapric Organics		
7-8					-			charcoal/ash		
8-12					-			Coarse Loamy Sand	grading into coarser sand particles	
12-13	7.5YR	3/2						Silt Loam		
					-					
¹Type: C=Cor	ncentration. D=	Depletion. F	RM=Reduced	I Matrix <sup>2</sup> Location	า: PL=Pore	e Lining. RC	=Root Cha	nnel. M=Matrix		
Hydric Soil I	ndicators:	<del>_</del>		Indicators for Pr	oblematio	: Hydric So	oils: <sup>3</sup>			
Histosol or	r Histel (A1)		[	Alaska Color Change (TA4)				Alaska Gleyed Without Hu	ue 5Y or Redder	
Histic Epip	pedon (A2)		Ĺ	Alaska Alpine s	•	•		Underlying Layer		
l — · ·	Sulfide (A4)		L	Alaska Redox V	Vith 2.5Y H	lue	$\sqcup$	Other (Explain in Remark	s)	
	k Surface (A12)			<sup>3</sup> One indicator of	hvdrophvt	ic vegetation	n. one prim	nary indicator of wetland h	vdrology.	
Alaska Gle				and an appropriat					yurolog,,	
Alaska Gle	dox (A14) eyed Pores (A15	)		4 Give details of co	olor change	e in Remark	S			
		)								
Restrictive Laye								Undrie Coil Brocont	? Yes○ No •	
Type: Ice Depth (inch								Hydric Soil Present	? Yes ○ NO ○	
, ,	103/1. 10									
Remarks:										
HYDROLO										
	rology Indicat	ors:						Secondary Indic	cators (two or more are required)	
-	ators (any one is								ned Leaves (B9)	
Surface W	Vater (A1)			☐ Inundation Visible on Aerial Imagery (B7)				☐ Drainage P	atterns (B10)	
High Wate	er Table (A2)			Sparsely Vegetated Concave Surface (B8)				Oxidized RI	nizospheres along Living Roots (C3)	
Saturation (A3)				Marl Deposits (B15)					f Reduced Iron (C4)	
	Water Marks (B1)				Hydrogen Sulfide Odor (C1)				its (C5)	
	Deposits (B2)			☐ Dry-Season V					Stressed Plants (D1)	
☐ Drift Depo				Other (Explai	n in Remai	rks)			c Position (D2)	
☐ Algal Mat☐ Iron Depo	or Crust (B4)							✓ Shallow Aq	` '	
	Soil Cracks (B6)							☐ Microtopog	raphic Relief (D4) LTest (D5)	
Field Observa							T		1 165. (03)	
Surface Water		Yes $\bigcirc$	No •	Depth (inche	es):					
Water Table F	Present?	Yes 🔾	No •	Depth (inche	•		Wetlar	nd Hydrology Presen	t? Yes • No O	
		Yes •		, ,	,			,		
Saturation Pre		155 ~	INO C	Depth (inche	:S): 11					
(includes capi										
(includes capi	illary fringe)		nonitor well,	aerial photos, prev	vious inspe	ction) if ava	ilable:			
(includes capi Describe Recor	illary fringe)		nonitor well,	aerial photos, prev	vious inspe	ction) if ava	ilable:			
(includes capi Describe Recor Remarks:	illary fringe) rded Data (strea	am gauge, n				ection) if ava	ilable:			
(includes capi Describe Recor Remarks:	illary fringe) rded Data (strea	am gauge, n		aerial photos, prev		ection) if ava	ilable:			
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