## WETLAND DETERMINATION DATA FORM - Alaska Region

Investigator(s): WAD, BAB Landform (hillside, terrace, hummocks etc.): Bench  Local relief (concave, convex, none): flat Slope: 8.7 % / 5.0 ° Elevation: 429	/13_T139_05		
Local relief (concave, convex, none): flat Slope: 8.7 % / 5.0 ° Elevation: 429			
Subregion: Southcentral Alaska Lat.: 62.822836399 Long.: -149.608406782 Da			
5	tum: WGS84		
Soil Map Unit Name: NWI classification: PEM1E			
Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)  Are Vegetation, Soil, or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes Are Vegetation, Soil, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)  SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, explain any answers in Remarks.)			
Hydrophytic Vegetation Present? Yes No No Hydric Soil Present? Yes No			
VEGETATION - Use scientific names of plants. List all species in the plot.			
Absolute Dominant Indicator Dominance Test worksheet:			
Tree Stratum  % Cover Species? Status  Number of Dominant Species That are ORL FACW or FACCO	3 (A)		
1			
2 O Species Across All Strata:	3 (B)		
3 Percent of dominant Species			
	00.0% (A/B)		
5	oy:		
Sapling/Shrub Stratum 50% of Total Cover: 0 OBL Species 68 x 1 =	68		
1. Dasiphora fruticosa 20 FAC FACW Species 5 x 2 =	10		
2. Myrica gale 15 OBL FAC Species 20 x 3 =	60		
3. Picea mariana 2 FACU Species 0 x 4 =	0		
4 UPL Species0 _ x 5 =	0		
5 O Column Totals: <u>93</u> (A)	138 (B)		
6 0	1.484		
7	<u></u>		
8 Hydrophytic Vegetation Indicators:			
9			
10			
Herb Stratum 50% of Total Cover: 18.5 20% of Total Cover: 7.4 Remarks or on a separate sheet)	· · · · · · · · · · · · · · · · · · ·		
1. Trichophorum caespitosum 45 OBL Problematic Hydrophytic Vegetation 1 (1			
2. Eriophorum angustifolium  5 UBL  1 Indicators of hydric soil and wetland hydrol  2. Equisetum palustre  3. FACW  be present, unless disturbed or problematic.	ogy must		
5. Equiscum paristic			
F Equicotum fluviatila	10m		
% Cover of Wetland Bryophytes			
o (where applicable)	0		
70 Daie Ground	_0		
9			
10 Hydrophytic			
7: T 7:			
Total Cover:56 Vegetation  50% of Total Cover:28			

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SOIL Sampling Point: SW13\_T139\_05

Depth (inches) Color (moi		Red	lox Features			
0-3	st) %	Color (moist)	% Type <sup>1</sup>	Loc 2	Texture	Remarks
	100				Fibric Organics	Fibric Organics
3-10	100				Hemic Organics	Hemic Organics
10-16	100				Sapric Organics	Sapric Organics
			-			
Type: C=Concentration. D=	Danletion PM-Paduce	d Matrix 2 Location	DI – Pore Lining I	C-Poot Char	anol M-Matrix	
		Indicators for Pro			illei. M=Mauix	
Hydric Soil Indicators:			4	Solis:	Alaska Claused With aut II	FV Dadda
✓ Histosol or Histel (A1)  ☐ Alaska Color Change (TA4)  ☐ Histic Epipedon (A2)  ☐ Alaska Alpine swales (TA5)				<ul> <li>Alaska Gleyed Without Hue 5Y or Redder</li> <li>Underlying Layer</li> </ul>		
Histic Epipedon (A2) Hydrogen Sulfide (A4)		Alaska Redox W	. ,		Other (Explain in Remark	s)
Thick Dark Surface (A12)			nui 2.31 mac			,
Alaska Gleyed (A13)					ary indicator of wetland h	ydrology,
Alaska Redox (A14)		and an appropriat	e landscape positior	n must be pres	sent	
Alaska Gleyed Pores (A15	)	<sup>4</sup> Give details of co	olor change in Rema	ırks		
Restrictive Layer (if present):						
Type: none					<b>Hydric Soil Present</b>	? Yes ◉ No O
Depth (inches):						
thin frost layer but punched th	Todgi.					
HYDROLOGY						
Wetland Hydrology Indicat	tors:				Secondary Indi	cators (two or more are required)
Primary Indicators (any one is	sufficient)				Water Stai	ned Leaves (B9)
Surface Water (A1)		Inundation Vi	sible on Aerial Imag	gery (B7)	✓ Drainage F	atterns (B10)
✓ High Water Table (A2)		Sparsely Vege	etated Concave Surf	face (B8)		hizospheres along Living Roots (C3)
✓ Saturation (A3)		Marl Deposits	. ,			f Reduced Iron (C4)
		Hydrogen Sul	fide Odor (C1)			
Water Marks (B1)						` '
Water Marks (B1) Sediment Deposits (B2)			Vater Table (C2)		Stunted or	Stressed Plants (D1)
Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)			Vater Table (C2) n in Remarks)		Stunted or Geomorph	Stressed Plants (D1) c Position (D2)
Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)					✓ Stunted or ✓ Geomorph ☐ Shallow Ac	Stressed Plants (D1) c Position (D2) uitard (D3)
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