## WETLAND DETERMINATION DATA FORM - Alaska Region

Investiga Local re Subregio Soil Map Are clim Are Ve Are Ve	ator(s): JGK  lief (concave, convex, none): undulating  on: Interior Alaska Mountains  o Unit Name:  atic/hydrologic conditions on the site typical for this til	Lat.:	Landform (I	nillside, terrac	Sampling Point: SW12_T28_11  See, hummocks etc.): Hillside  3 ° Elevation: 739				
Investiga Local re Subregio Soil Map Are clim Are Ve Are Ve	ator(s): JGK lief (concave, convex, none): undulating on: Interior Alaska Mountains of Unit Name:	Lat.:	-		ce, hummocks etc.): Hillside				
Subregion Soil Map Are clim Are Ve Are Ve	lief (concave, convex, none): undulating on: Interior Alaska Mountains Unit Name:	Lat.:	-						
Subregion Soil Map Are clim Are Ve Are Ve	on : Interior Alaska Mountains Unit Name:	Lat.:			, Elevation, 739				
Soil Map Are clim Are Ve Are Ve	Unit Name:		62 8765281	62.8765281237					
Are clim Are Ve Are Ve			02.07 03201	231					
Are Ve Are Ve	atic/hydrologic conditions on the site typical for this til		o V-	es   No	NWI classification: Upland				
H	getation , Soil , or Hydrology	significan naturally	tly disturbed? problematic?	Are "N	No Ormal Circumstances" present? Yes No Oeded, explain any answers in Remarks.)				
	Hydrophytic Vegetation Present? Yes O No 🖲	)							
ŀ	Hydric Soil Present? Yes No •	)	l	Is the Sampled Area					
	Vetland Hydrology Present? Yes ○ No ●		within a Wetland? Yes ○ No ●						
Remar									
	TATION - Use scientific names of plants. Li	st all sp	e Dominan	t Indicator	Dominance Test worksheet:  Number of Dominant Species				
1.		0			That are OBL, FACW, or FAC: (A)				
2.		0			Total Number of Dominant Species Across All Strata: 2 (B)				
3.		0			Percent of dominant Species				
4.		0			That Are OBL, FACW, or FAC: 50.0% (A/B)				
5.		0			Prevalence Index worksheet:				
	Total Cover		_		Total % Cover of: Multiply by:				
Sapli	ng/Shrub Stratum 50% of Total Cover:	0 20	% of Total Cov	er: <u>0</u>	OBL Species 0 x 1 = 0				
1	Alnus viridis	75	<b>✓</b>	FAC	FACW Species 0 x 2 = 0				
_	Ribes glandulosum		_	FAC	FAC Species 85 x 3 = 255				
_	Linnaea borealis			FACU	FACU Species 26 x 4 = 104				
4.					UPL Species 0 x 5 = 0				
5.					Column Totals:111 (A)359 (B)				
6.		_							
7.		0			Prevalence Index = B/A = 3.234				
8		0			Hydrophytic Vegetation Indicators:				
9		0	_ 🖳		☐ Dominance Test is > 50%				
10		0	_		Prevalence Index is ≤3.0				
Herb	Stratum 50% of Total Cover:		% of Total Cover:16.4_		Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)				
1	Cornus canadensis	20		FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)				
2	Calamagrostis canadensis			FAC	<sup>1</sup> Indicators of hydric soil and wetland hydrology must				
· -	Trientalis europaea			FACU	be present, unless disturbed or problematic.				
-	Spinulum annotinum	-		FACU	Plot size (radius, or length x width)				
		^			% Cover of Wetland Bryophytes 0				
_			- =		(Where applicable)				
					% Bare Ground				
			-		Total Cover of Bryophytes5				
			-						
10	Total Cover:	29			Hydrophytic Vegetation				
	50% of Total Cover:		_	er: 5.8	Present? Yes No •				

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SOIL Sampling Point: SW12\_T28\_11

	Profile Description: (Describe to the depth needed to d				nfirm the abs		ators)				
Depth (inches) Color (moist)		0/2	% Color (moist) %		Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks			
0-2	Color (m	oist)	100	Color (moist)		Туре	LOC	Fibric Organics	30 % roots		
2-3			100					Hemic Organics			
3-5	7.5YR	2.5/2	100					Loamy Sand	5% roots		
5-6			100					Sapric Organics			
6-10	7.5YR	3/3	100					Sandy Loam	organic inclusions		
10-13	10YR	3/4	100					Coarse Loamy Sand	fine to coarse sand		
13-14			100					Sapric Organics			
14-17	7.5YR	2/1	100					Silt Loam	stained by charcoal		
<sup>1</sup> Type: C=Concentration. D=Depletion. RM=Reduced Matrix <sup>2</sup> Location: PL=Pore Lining. RC=Root Channel. M=Matrix											
Alaska Gley Alaska Red Alaska Gley	Histel (A1) edon (A2) Sulfide (A4) Surface (A12 red (A13) ox (A14) red Pores (A1	15)		☐ Alaska Color Cr☐ Alaska Alpine s☐ Alaska Redox V  3 One indicator of and an appropriat	Laska Color Change (TA4)  Alaska Gleyed Without Hue 5Y or Redder Underlying Layer  Alaska Redox With 2.5Y Hue  Other (Explain in Remarks)  De indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, an appropriate landscape position must be present  Deduction of the details of color change in Remarks						
Restrictive Layer Type: Depth (inche		:						Hydric Soil Present	? Yes ○ No •		
HYDROLOG	GY										
Wetland Hydro									cators (two or more are required)		
Primary Indicat		is sufficien	t)					Water Stained Leaves (B9)			
	Surface Water (A1) Inundation Visible on Aerial Ima										
High Water Table (A2)				Sparsely Vegetated Concave Surface (B8)				☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4)			
Saturation (A3) Water Marks (B1)				<ul><li>☐ Marl Deposits (B15)</li><li>☐ Hydrogen Sulfide Odor (C1)</li></ul>				Salt Deposits (C5)			
		١			Dry-Season Water Table (C2)				Stressed Plants (D1)		
									ic Position (D2)		
									juitard (D3)		
☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5)									graphic Relief (D4)		
	il Cracks (B6	)						FAC-neutra			
Field Observa	•	,									
Surface Water	Present?	Yes C	) No ●	Depth (inche	es):						
Water Table Pr	esent?	Yes C	No ●		,		Wetlar	nd Hydrology Presen	t? Yes ○ No •		
Saturation Pres		Yes C	No ●		,						
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:											
Remarks:		January Sauge	,	, 22.2. p. 1500) pro		, ۵۷0					

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