## WETLAND DETERMINATION DATA FORM - Alaska Region

Local relief (concave, convex, none): concave S	andform (hillside, terrac Slope: 5.2 % / 3.0 3.3562603	,
Cocal relief (concave, convex, none): concave Subregion : Interior Alaska Mountains Lat.: 63  Soil Map Unit Name: -1  Are climatic/hydrologic conditions on the site typical for this time of year?  Are Vegetation , Soil , or Hydrology significantly of	Slope: 5.2 % / 3.0 3.3562603	° Elevation: 812
cubregion : Interior Alaska Mountains  Lat.: 63  oil Map Unit Name: _1  are climatic/hydrologic conditions on the site typical for this time of year?  Are Vegetation  , Soil  , or Hydrology  significantly of	3.3562603	
oil Map Unit Name:1  re climatic/hydrologic conditions on the site typical for this time of year?  Are Vegetation  , Soil  , or Hydrology  significantly c		Long.: -148.335570335 Datum: WGS84
re climatic/hydrologic conditions on the site typical for this time of year?  Are Vegetation , Soil , or Hydrology significantly or		
Are Vegetation $\ \Box$ , Soil $\ \Box$ , or Hydrology $\ \Box$ significantly $c$		NWI classification: R3UBH
UMMARY OF FINDINGS - Attach site map showing samp	blematic? (If nee	(If no, explain in Remarks.) ormal Circumstances" present? Yes ● No ○ ded, explain any answers in Remarks.) s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes $lacktriangle$ No $lacktriangle$	la tha Cam	nlad Araa
Hydric Soil Present? Yes ● No ○	Is the Sam	
Wetland Hydrology Present? Yes ● No ○	within a W	etiand? Tes © NO ©
Remarks: characterizing small r3ubh flowing through culvert in trail (rouch.	oad?). 12in deep, 12in v	vide at ohw. sand-gravel substrates, cover includes ohv,
<b>EGETATION</b> -Use scientific names of plants. List all speci	ies in the plot.	
Tree Stratum Absolute % Cover	Dominant Indicator Species? Status	Dominance Test worksheet:  Number of Dominant Species  That are ORL FACW or FACC.
1		That are OBL, FACW, or FAC: (A)  Total Number of Dominant
2		Species Across All Strata:0(B)
30		Percent of dominant Species
4		That Are OBL, FACW, or FAC: 0.0% (A/B)
50		Prevalence Index worksheet:
Total Cover: 0	f Tatal Cavari	Total % Cover of: Multiply by:
Sapling/Shrub Stratum 50% of Total Cover: 0 20% of	f Total Cover:0	OBL Species 0 x 1 = 0
1		FACW Species 0 x 2 = 0
20		FAC Species 0 x 3 = 0
3		FACU Species 0 x 4 = 0
4		UPL Species <u>0</u> x 5 = <u>0</u>
50		Column Totals: 0 (A) 0 (B)
6		Prevalence Index = B/A =0.000_
7		Hydrophytic Vegetation Indicators:
9. 0		Dominance Test is > 50%
10		Prevalence Index is ≤3.0
Total Cover:         0           Herb Stratum         50% of Total Cover:         0         20% or	of Total Cover: 0	Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
1		✓ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
20		<sup>1</sup> Indicators of hydric soil and wetland hydrology must
3		be present, unless disturbed or problematic.
4		Plot size (radius, or length x width) 2m x 10m
5		% Cover of Wetland Bryophytes
6		(Where applicable)
7		% Bare Ground
·		Total Cover of Bryophytes
9		Hadaa kata
10		Hydrophytic Vegetation
50% of Total Cover: 20% of	f Total Cover:0	Present? Yes • No O

US Army Corps of Engineers Alaska Version 2.0

SOIL Sampling Point: SW13\_T194\_01 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators) **Redox Features** Depth <u>Loc</u> 2 (inches) Color (moist) Color (moist) Type <sup>1</sup> <sup>1</sup>Type: C=Concentration, D=Depletion, RM=Reduced Matrix <sup>2</sup> Location: PL=Pore Lining, RC=Root Channel, M=Matrix Indicators for Problematic Hydric Soils: **Hydric Soil Indicators:** Histosol or Histel (A1) Alaska Color Change (TA4) ☐ Alaska Gleyed Without Hue 5Y or Redder Underlying Layer Alaska Alpine swales (TA5) Histic Epipedon (A2) Alaska Redox With 2.5Y Hue ✓ Other (Explain in Remarks) Hydrogen Sulfide (A4) Thick Dark Surface (A12) <sup>3</sup> One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, Alaska Gleved (A13) and an appropriate landscape position must be present Alaska Redox (A14) <sup>4</sup> Give details of color change in Remarks Alaska Gleyed Pores (A15) Restrictive Layer (if present): Yes ● No ○ Type: **Hydric Soil Present?** Depth (inches): Remarks: active channel, assume hydric soil **HYDROLOGY** Wetland Hydrology Indicators: Secondary Indicators (two or more are required) Primary Indicators (any one is sufficient) Water Stained Leaves (B9) ✓ Surface Water (A1) Drainage Patterns (B10) ☐ Inundation Visible on Aerial Imagery (B7) High Water Table (A2) Oxidized Rhizospheres along Living Roots (C3) Sparsely Vegetated Concave Surface (B8) Saturation (A3) Presence of Reduced Iron (C4) Marl Deposits (B15) Water Marks (B1) Salt Deposits (C5) ☐ Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) Dry-Season Water Table (C2) Stunted or Stressed Plants (D1) Drift Deposits (B3) Other (Explain in Remarks) Geomorphic Position (D2) Algal Mat or Crust (B4) Shallow Aquitard (D3) Iron Deposits (B5) Microtopographic Relief (D4) Surface Soil Cracks (B6) FAC-neutral Test (D5) Field Observations: Yes ● No ○ Surface Water Present? Depth (inches): 12 Yes O No • Yes ● No ○ Water Table Present? Wetland Hydrology Present? Depth (inches): Saturation Present? Yes ○ No ● Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:

U.S. Army Corps of Engineers Alaska Version 2.0

Remarks: