WETLAND DETERMINATION DATA FORM - Alaska Region

Soil Map Unit Name:	s	andform (hills		Sampling Point: SW15_T e, hummocks etc.): Channel (active)	312_06
nvestigator(s): SLI, ATH Local relief (concave, convex, none): concave Subregion : Cook Inlet Mountains La Soil Map Unit Name:	s			e, hummocks etc.): Channel (active)	
Subregion : Cook Inlet Mountains La		Slope: 0.0	0/ / 0.0	-	
Soil Map Unit Name:			70 / 0.0	° Elevation:	
Soil Map Unit Name:	at.:			Long.: Datum:	WGS84
				NWI classification: R2UBH	
Are climatic/hydrologic conditions on the site typical for this time of	f vear?	Yes (● No ○	(If no, explain in Remarks.)	
		disturbed?			No O
	-	blematic?		ded, explain any answers in Remarks.)	
SUMMARY OF FINDINGS - Attach site map showing	oomr	dina noint	locationa	transports important factures, etc.	
	Samp	ning point	locations	s, transects, important reatures, etc.	
Hydrophytic Vegetation Present? Yes No No		le	the Sam	pled Area	
nyulic Soil Pleselit?					
Wetland Hydrology Present? Yes ● No ○				ottaria :	
Remarks: R2UBH visible in imagery. About 7ft wide, 2.5ft deep a marks. Stream incised. No undercut banks, overhangin					
/EGETATION -Use scientific names of plants. List all	I spec	ies in the p	olot.		
Abso	olute	Dominant	Indicator	Dominance Test worksheet:	
	over	Species?	Status	Number of Dominant Species That are OBL, FACW, or FAC: 0	(A)
1	0			Total Number of Dominant	,
2	0			Species Across All Strata: 0	_ (B)
3	0			Percent of dominant Species That Are OBL, FACW, or FAC: 0.0%	(A/B)
5.	0			That Ale OBL, FACW, OF FAC. 0.0%	(A/b)
Total Cover:	0			Prevalence Index worksheet:	
Sapling/Shrub Stratum 50% of Total Cover: 0		f Total Cover:	0	Total % Cover of: Multiply by: OBL Species 0 x 1 =	0
					<u>0</u> 0
1.	0				0
2	0				0
	0				0
5.	0			Column Totals:0(A)	0 (B)
6.	0				
7.	0			Prevalence Index = B/A = 0.000	
8.	0			Hydrophytic Vegetation Indicators:	
9	0			☐ Dominance Test is > 50%	
10	0			Prevalence Index is ≤3.0	
Total Cover:0_ Herb Stratum			Morphological Adaptations (Provide support Remarks or on a separate sheet)	ing data in	
1	0			✓ Problematic Hydrophytic Vegetation (Explair	1)
2.	0			¹ Indicators of hydric soil and wetland hydrology m	ust
3	0			be present, unless disturbed or problematic.	
4	0			Plot size (radius, or length x width)2x5m	1
5	0			% Cover of Wetland Bryophytes	
6	0			(Where applicable)	
7	0				
8	0			Total Cover of Bryophytes	
9	0			Under the sta	
10 Total Cover:	0	J		Hydrophytic Vegetation	
50% of Total Cover: 0		f Total Cover:	0	Present? Yes • No	

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SOIL Sampling Point: SW15_T312_06 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 ¹ ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix ² 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) ³ 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) ⁴ 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 soils. **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): 31 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:

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Remarks: D2--active channel