WETLAND DETERMINATION DATA FORM - Alaska Region

ator(s): SLI, EAC lief (concave, convex, none): flat		Landform (hill	side, terrac	Sampling Point: SW13_T145_01 e, hummocks etc.): Hillside			
ator(s): SLI, EAC		Landform (hill	side, terrac				
		Slope:	% / 5.2				
on: Interior Alaska Mountains	l at ·	63.397430420		Long.: -148.659550428 Datum: NAD83			
Unit Name:	Lut	05.557450420	71	NWI classification: Upland			
atic/hydrologic conditions on the site typical for this t	ima af vaa	-2 Vac	No ○	(If no, explain in Remarks.)			
getation , Soil , or Hydrology getation , Soil , or Hydrology ARY OF FINDINGS - Attach site map sho	significant naturally p	ly disturbed? problematic?	Are "N (If nee	ormal Circumstances" present? Yes No O ded, explain any answers in Remarks.)			
lydrophytic Vegetation Present? Yes 💿 No 🤇			41	.1.1.4			
lydric Soil Present? Yes O No				-			
Vetland Hydrology Present? Yes O No 🤄	wi	within a Wetland? Yes ○ No ●					
	Absolute	Dominant	plot. Indicator Status	Dominance Test worksheet: Number of Dominant Species			
	7	V	FACU	That are OBL, FACW, or FAC: (A)			
<u> </u>				Total Number of Dominant Species Across All Strata: 3 (B)			
				Percent of dominant Species			
	0			That Are OBL, FACW, or FAC: 66.7% (A/B)			
	0			Prevalence Index worksheet:			
Total Cover	r: <u>7</u>			Total % Cover of: Multiply by:			
ng/Shrub Stratum 50% of Total Cover:	3.5 20%	6 of Total Cover:	1.4	OBL Species0 x 1 =0			
Setula glandulosa	50	✓	FAC	FACW Species 20 x 2 = 40			
Vaccinium uliginosum	50	✓	FAC	FAC Species <u>116</u> x 3 = <u>348</u>			
Empotrum piarum	10		FAC	FACU Species <u>11</u> x 4 = <u>44</u>			
	5		FAC	UPL Species <u>0</u> x 5 = <u>0</u>			
Rhododendron tomentosum	20		FACW	Column Totals: <u>147</u> (A) <u>432</u> (B)			
Picea glauca	3		FACU				
	0	. 🔲		Prevalence Index = B/A =			
	0			Hydrophytic Vegetation Indicators:			
				✓ Dominance Test is > 50%			
		. \square		Prevalence Index is ≤3.0			
			: 27.6	 Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) 			
Festuca altaica	1	. \square	FAC	Problematic Hydrophytic Vegetation ¹ (Explain)			
Cornus canadensis	1	. 🔲	FACU	¹ Indicators of hydric soil and wetland hydrology must			
		. 📙		be present, unless disturbed or problematic.			
		. 📙		Plot size (radius, or length x width)			
		. 📙		% Cover of Wetland Bryophytes			
		. 📙		(Where applicable)			
		. 📙		% Bare Ground5			
		. 📙		Total Cover of Bryophytes			
		. 📙					
Total Cover		Hydrophytic Vegetation					
		6 of Total Cover:	0.4	Present? Yes No			
	getation	getation	getation , Soil , or Hydrology significantly disturbed? getation , Soil , or Hydrology naturally problematic? ARY OF FINDINGS - Attach site map showing sampling point dydrophytic Vegetation Present? Yes No No Wildyric Soil Present? Yes No Wildyric Soil Pr	getation			

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SOIL Sampling Point: SW13_T145_01

JUIL								Samping	Point: 3W13_1145_01		
Profile Descripti	•	•	eeded to doc	ument the indicator or con			ators)				
Depth Matrix				ox Features	2	Tautuus	Domoules				
(inches)	Color (mo		<u>%</u>	Color (moist)	<u>%</u>	Type ¹	<u>Loc</u> 2	Texture	Remarks		
0-2	7.5YR	3/1	100					Fibric Organics	. ———		
2-4	7.5YR	5/1	100					Silt Loam			
4-5	2.5YR	2.5/3	100					Fine Sandy Loam			
5-13	7.5R	4/3	100					Very Fine Sandy Loam	15% grav/cob w/strong Fe/Mn coatings		
13-18	7.5YR	4/1	100					Coarse Loamy Sand			
-							-				
¹Type: C=Cor	ncentration. D	=Depletior	ı. RM=Redu	ced Matrix ² Location	: PL=Por	e Lining. RC	=Root Cha	nnel. M=Matrix			
Hydric Soil I	ndicators:			Indicators for Pro	blemati	c Hydric So	oils: ³				
	Histel (A1)			Alaska Color Ch		4		Alaska Gleyed Without H	ue 5Y or Redder		
Histic Epip	` '			Alaska Alpine sv		-		Underlying Layer			
Hydrogen	Sulfide (A4)			Alaska Redox W	/ith 2.5Y I	Hue		Other (Explain in Remarl	(S)		
Thick Dark	Surface (A12)		30					. Later		
Alaska Gle	yed (A13)			and an appropriate	hydrophyl e landscar	tic vegetatio se position r	n, one prim nust be pre	nary indicator of wetland hesent	nydrology,		
Alaska Rec	` '			⁴ Give details of co	lor chang	e in Domark					
☐ Alaska Gle	yed Pores (A1	5)		- Give details of co	nor criariy	e iii Keiliai k	s 				
Restrictive Laye	er (if present):										
Type:								Hydric Soil Present	? Yes O No 💿		
Depth (inch	nes):										
Remarks:											
no hydric soil in	dicators										
HYDROLO	GY										
Wetland Hydi									cators (two or more are required)		
Primary Indica		is sufficier	t)						ned Leaves (B9)		
Surface W	` ,			Inundation Vi		_					
	er Table (A2)			Sparsely Vege		ncave Surfac	e (B8)		hizospheres along Living Roots (C3)		
Saturation	. ,			☐ Marl Deposits	` '			Presence of Reduced Iron (C4)			
	☐ Water Marks (B1) ☐ Hydrogen Sulfide Odor (C1)							☐ Salt Deposits (C5) ☐ Stunted or Stressed Plants (D1)			
	Sediment Deposits (B2) Dry-Season Water Table (C2)							Geomorphic Position (D2)			
	Algal Mat or Crust (B4) ☐ Shallow Aquitard (D3) ☐ Iron Deposits (B5) ☐ Microtopographic Relief (D4)										
	oil Cracks (B6)								al Test (D5)		
Field Observa	. ,										
Surface Water		Yes	No ●	Depth (inches	s):						
Water Table P	resent?	Yes (No ●	Depth (inches	-).		Wetlar	nd Hydrology Presen	it? Yes O No 💿		
Saturation Pre				, ,	•		TT Celai	ia ilyanology i resell	100 0 110 0		
(includes capil		Yes C	No 💿	Depth (inches	5):						
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:											
Remarks:											
no wetland hyd	Irology indicat	ors									

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