WETLAND DETERMINATION DATA FORM - Alaska Region

Landform (hills	Sampling Point: side, terrace, hummocks etc.): Toeslope	SW13_T192_03
Landform (hills	side, terrace, hummocks etc.): Toeslope	
Slope: 2.0	% / 1.1 ° Elevation: 703	
at.: 63.33155477	Long.: -148.239048719	Datum: WGS84
	NWI classification: Upla	ınd
year? Yes cantly disturbed? ally problematic?	Are "Normal Circumstances" present? Ye	es 🔍 No 🔿 s.)
sampling point	locations, transects, important features	s, etc.
(year? Yes cantly disturbed?	at.: 63.33155477 Long.: -148.239048719 NWI classification: Upla year? Yes Image: No Image: Comparison of the structure of the structur

	Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes Yes Yes	No	Is the Sampled Area within a Wetland?	Yes \bigcirc No \textcircled{ullet}
R	emarks:				

VEGETATION - Use scientific names of plants. List all species in the plot.

			Absolute Dominant I		Indicator	Dominance Test worksheet:		
Tree Stratum			<u>% Cover Species?</u>		Status	Number of Dominant Species		
1.	Picea glauca		30		FACU	That are OBL, FACW, or FAC: <u>2</u> (A)		
2.			0			Total Number of Dominant Species Across All Strata: 4 (B)		
3.			0			Percent of dominant Species		
4.			0			That Are OBL, FACW, or FAC:(A/B)		
5.			0			Prevalence Index worksheet:		
	Total Cover		30			Total % Cover of: Multiply by:		
Sap	ling/Shrub Stratum 50% of Total Cover:	15	20% o	of Total Cover:	6	OBL Species $0 \times 1 = 0$		
1.	Picea glauca		10		FACU	FACW Species 25.2 x 2 = 50.40		
2.	Picea glauca Betula nana		40	\checkmark	FAC	FAC Species <u>152.1</u> x 3 = <u>456.3</u>		
3.	Salix glauca		10		FAC	FACU Species 53.1 x 4 = 212.4		
4.	Salix pulchra		3		FACW	UPL Species 0 x 5 = 0		
5.	Vaccinium uliginosum		65	\checkmark	FAC	Column Totals: 230.4 (A) 719.1 (B)		
6.	Vaccinium vitis-idaea		10		FAC			
7.	Ledum decumbens		20		FACW	Prevalence Index = B/A = <u>3.121</u>		
8.	Empetrum nigrum		25		FAC	Hydrophytic Vegetation Indicators:		
9.	Rosa acicularis		1		FACU	Dominance Test is > 50%		
10.			0			Prevalence Index is ≤ 3.0		
Total Cover: 184						Morphological Adaptations ¹ (Provide supporting data in		
Herb Stratum 50% of Total Cover:			<u>92</u> 20% of Total Cover: <u>36.8</u>			Remarks or on a separate sheet)		
1.	Petasites frigidus		2		FACW	Problematic Hydrophytic Vegetation ¹ (Explain)		
2.	Festuca altaica		2		FAC	¹ Indicators of hydric soil and wetland hydrology must		
3.	Bistorta plumosa		2		FACU	be present, unless disturbed or problematic.		
4.	Cornus canadensis		10	\checkmark	FACU	Plot size (radius, or length x width)10m		
5.	Saussurea americana		0.1		FACW	% Cover of Wetland Bryophytes		
6.	Arctostaphylos rubra		0.1		FAC	(Where applicable)		
7.	Chamerion angustifolium		0.1		FACU	% Bare Ground		
8.	Pedicularis labradorica		0.1		FACW	Total Cover of Bryophytes 80		
9.			0					
10.			0			Hydrophytic		
Total Cover: 16.4 Vegetation								
	50% of Total Cover:	8.2	20% (of Total Cover:	3.28	Present? Yes No 🔍		
Remarks: Lichen = 15								

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators) Matrix Redox Features											
Depth (inches)	Color (moi	st)	%	Color (moist)	%	Type ¹	Loc 2	Texture	Remarks		
0-3			100				_	Hemic Organics			
3-6	10YR	2/2	100					Silt Loam			
6-7	2.5Y	5/2	100					Loamy Sand			
7-20		3/3	100					Loam			
		5,5									
	·	,					·				
¹ Type: C=Cor	ncentration. D=	Depletion	. RM=Reduc	ed Matrix ² Locat	ion: PL=Pore	e Lining. R	C=Root Cha	nnel. M=Matrix			
Hydric Soil I	ndicators:			Indicators for	Problematio	: Hydric S	ioils: ³				
Histosol o	r Histel (A1)			Alaska Color	Change (TA4	4 1)] Alaska Gleyed Without Hu	ue 5Y or Redder		
Histic Epip	bedon (A2)			🗌 Alaska Alpine	e swales (TAS	5)		Underlying Layer			
Hydrogen	Sulfide (A4)			Alaska Redo	x With 2.5Y H	lue		Other (Explain in Remark	s)		
Thick Darl	k Surface (A12)			3 0	. C. L			and the last of the state			
Alaska Gle	eyed (A13)			and an appropr				nary indicator of wetland h esent	yarology,		
Alaska Re											
Alaska Gle	eyed Pores (A15)		⁴ Give details of		e in Remar	KS				
Restrictive Laye	er (if present):										
Type:								Hydric Soil Present	? Yes 🔾 No 🖲		
Depth (incl	hes):										
Remarks:											
no hydric soil	indicators										
HYDROLO	GY										
	rology Indicat	tors:						Secondary India	cators (two or more are required)		
Primary Indica	ators (any one is	sufficient	t)					Water Stair	ned Leaves (B9)		
Surface V	Vater (A1)			Inundation	Visible on A	erial Image	ery (B7)	🗌 Drainage P	atterns (B10)		
High Wat	er Table (A2)			Sparsely V	egetated Cor	icave Surfa	ace (B8)	3) Oxidized Rhizospheres along Living Roots (C3)			
Saturation	. ,			Marl Depo	. ,			Presence of Reduced Iron (C4)			
Water Ma	ırks (B1)			Hydrogen	Sulfide Odor	(C1)		Salt Deposi	its (C5)		
	Deposits (B2)			Dry-Seaso	n Water Tabl	e (C2)		Stunted or Stressed Plants (D1)			
Drift Depe				Other (Exp	lain in Rema	rks)			c Position (D2)		
	or Crust (B4)							Shallow Aq			
Iron Depo	. ,								raphic Relief (D4)		
	oil Cracks (B6)							FAC-neutra	l Test (D5)		
Field Observa		No.									
Surface Wate	r Present?		No 🖲	Depth (inc	hes):						
Water Table F		Yes 🤇) No 🖲	Depth (inc	hes):		Wetlaı	nd Hydrology Presen	t? Yes 🔿 No 🖲		
Saturation Pre (includes capi		Yes C) No 🖲	Depth (inc	hes):						
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:											
Remarks:											
no wetland hyd	drology indicato	rs									