WETLAND DETERMINATION DATA FORM - Alaska Region

Borough/City: Denali Boro	ugh Sampling Date: 03-Aug-13
	Sampling Point: SW13_T194_05
Landform (hillside, terrace,	hummocks etc.): Channel (active)
Slope: 10.5 % / 6.0	° Elevation: 853
63.351904154 L	Long.:148.336607575 Datum: WGS84
	NWI classification: R3UBH
ntly disturbed? Are "Nor	(If no, explain in Remarks.) mal Circumstances" present? Yes ● No ○ ed, explain any answers in Remarks.)
, r	Landform (hillside, terrace, Slope: 10.5 % / 6.0 63.351904154

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydric Soli Present? Yes Ind C Wetland Hydrology Present? Yes Ind C Wetland Hydrology Present? Yes Ind C	Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes ● Yes ● Yes ●		Is the Sampled Area within a Wetland?	Yes 🖲 No 🔿
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Remarks: photos 1527-30. characyerizing R3UBH in subalpine. channel 7ft wide at ohw, 6-12 in deep. series of cascades/riffles. substrates subrounded cobbles - boulders. cover includes ohv, ucb. dense salix cover, see sw13-t194-06 for riparian community. game trail crosses creek at this noint

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

		Absolu	ite Dominant	Indicator	Dominance Test worksheet:	
Tree Stratum				Status	Number of Dominant Species	
1.		(D 🗌		That are OBL, FACW, or FAC: (A)	
2.			D D		Total Number of Dominant Species Across All Strata: 0 (B)	
3.			D 0		Percent of dominant Species	
1			D 0		That Are OBL, FACW, or FAC: 0.0% (A/B)	
5.			D 0		Prevalence Index worksheet:	
	Total Cover	0			Total % Cover of: Multiply by:	
Sapling/Shrub Stratum	50% of Total Cover:	0 2	0% of Total Cover:	0	OBL Species x 1 =	
1		(D		FACW Species 0 x 2 = 0	
2.			D C	-	FAC Species x 3 =	
2			D 0		FACU Species 0 x 4 = 0	
4.					UPL Species x 5 =	
5.			D 0		Column Totals: 0 (A) 0 (B)	
6.			D			
7			D		Prevalence Index = B/A =0.000	
8.			0		Hydrophytic Vegetation Indicators:	
9.			D 0		Dominance Test is > 50%	
10.			D 0		Prevalence Index is ≤3.0	
	Total Cover	• 0			Morphological Adaptations ¹ (Provide supporting data in	
Herb Stratum	50% of Total Cover:	0	20% of Total Cover	. 0	Remarks or on a separate sheet)	
1		(<u> </u>		Problematic Hydrophytic Vegetation ¹ (Explain)	
2		(<u> </u>		¹ Indicators of hydric soil and wetland hydrology must	
3			<u> </u>		be present, unless disturbed or problematic.	
4			D		Plot size (radius, or length x width) 2m x 5m	
5.		(D		Plot size (radius, or length x width) <u>2m x 5m</u> % Cover of Wetland Bryophytes	
6			<u> </u>		(Where applicable)	
7					% Bare Ground 100	
8.			D		Total Cover of Bryophytes	
9.						
10.					Hydrophytic	
	Total Cover	. 0			Vegetation	
	50% of Total Cover:	0 2	0% of Total Cover:	0	Present? Yes \bullet No \bigcirc	
Remarks: unvegetated active of	hannel					

		ne depth nee I atrix	ded to docur	nent the indicator or cor Red	firm the ab		cators)				
Depth (inches)	Color (moi		%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks		
(inclice)	Color (mol	5T)	<u>%</u>	Color (moist)	- %	Туре	_Loc	Texture	Kenidiks		
					-						
¹ Type: C=Cor	ncentration. D=	Depletion. I	RM=Reduce	ed Matrix ² Location	: PL=Por	e Lining. R	C=Root Cha	nnel. M=Matrix			
		•		Indicators for Pro		-					
Hydric Soil I						4		1			
	r Histel (A1)			Alaska Color Ch				Alaska Gleyed Withou Underlying Layer	t Hue 5Y or Redder		
Histic Epip				Alaska Alpine s	•	,		, , ,			
Hydrogen	Sulfide (A4)			Alaska Redox W	/ith 2.5Y I	lue	\checkmark	Other (Explain in Rem	arks)		
	s Surface (A12)			³ One indicator of	hydronhyt	ic vegetatio	on one prin	nary indicator of wetlan	d bydrology		
Alaska Gle	, , ,			and an appropriat							
Alaska Rec	. ,			4 Cive details of co	lor chang	o in Domor	ke				
Alaska Gle	eyed Pores (A15)		⁴ Give details of co			K5				
Restrictive Laye	er (if present):										
Type:								Hydric Soil Prese	nt? Yes $ullet$ No $igodom$		
Depth (inch	nes):							•			
active channel,	assume hydric	soil									
HYDROLO	GY										
Wetland Hyd	rology Indicat	ors:						Secondary I	ndicators (two or more are required)		
Primary Indica	tors (any one is	sufficient)						Water S	tained Leaves (B9)		
🖌 Surface W	/ater (A1)			Inundation Vi	sible on A	erial Image	ery (B7)	🗌 Drainag	e Patterns (B10)		
🗌 High Wate	er Table (A2)			Sparsely Vege	etated Cor	ncave Surfa	ce (B8)	Oxidized	Oxidized Rhizospheres along Living Roots (C3)		
Saturation	ו (A3)			Marl Deposits	(B15)			Presence	e of Reduced Iron (C4)		
🗌 Water Ma	rks (B1)			Hydrogen Sulfide Odor (C1)					posits (C5)		
Sediment	Deposits (B2)			Dry-Season V	Vater Tabl	e (C2)		Stunted	or Stressed Plants (D1)		
Drift Depo	osits (B3)			Other (Explain	n in Rema	rks)		🗹 Geomor	phic Position (D2)		
🗌 Algal Mat	or Crust (B4)							Shallow	Aquitard (D3)		
Iron Depo	osits (B5)							Microto	oographic Relief (D4)		
Surface So	oil Cracks (B6)							🗌 FAC-neu	itral Test (D5)		
Field Observa	ations:	-	-								
Surface Water	r Present?	Yes 🖲	No 🔾	Depth (inche	s): 6						
Water Table P	Present?	$_{\rm Yes} \bigcirc$	No 🖲	Depth (inche	s):		Wetlaı	nd Hydrology Pres	ent? Yes 🖲 No 🔾		
Saturation Pre (includes capil		$_{\rm Yes} \bigcirc$	No 🖲	Depth (inche	s):						
		m gauge, r	nonitor we	l, aerial photos, prev	ious inspe	ection) if av	ailable:				
Remarks:											
water depth 6-	12in, active cha	nnel									