WETLAND DETERMINATION DATA FORM - Alaska Region

Project/Site: Susitn	B	orough/City:	Denali Bo	ough Sampling Date: 07-Aug-12			Aug-12		
Applicant/Owner: A			-	Sampli	ng Point:	SW12_	T15 03		
		Landform (hill:	side, terrac	e, hummocks etc.):	Footslope				
Investigator(s): CTS, EKJ Local relief (concave, convex, none): flat				Slope:	%/ 8.5				
				63.354068201	3	 Long.: -148.664295		Datum:	NAD83
Soil Map Unit Name:				55.554000201	5	-	ification: P		
		f = = 4 = := 4:== = = = 6		Noo Yoo	• No ()				
Are Vegetation	conditions on the site typica , Soil , or Hydrolog , Soil , or Hydrolog NDINGS - Attach site n	gy 🗌 signifi gy 🗌 natura	cantly ally pro	v disturbed? oblematic?	Are "N (If nee	(If no, explain ir ormal Circumstances' ded, explain any answ transects, impor	' present? vers in Rem	Yes 🔍 I arks.)	No O
			Jum		locatione			areo, etc.	
Hydric Soil Pre Wetland Hydro	sent? Yes	No O No O	bably	wi	thin a W		es 🖲 No 🤇	\supset	
VEGETATION -U	se scientific names of p	lants. List al	l spe	cies in the	plot.				
		Abso	olute	Dominant	Indicator	Dominance Test wo			
Tree Stratum		<u>%</u> C	over	Species?	Status	Number of Dominant S That are OBL, FACW,		4	(A)
		·	0			Total Number of Domi			
			0			Species Across All Str	ata:	5	(B)
			0			Percent of dominant S	pecies	00.00/	
			0			That Are OBL, FACW,	or FAC:	80.0%	(A/B)
5	T	otal Cover:	0			Prevalence Index wo			
Conline /Church Church				of Total Cover:	0	Total % Cover		ultiply by:	
Sapling/Shrub Stra			2070		0	OBL Species			2
1. Salix reticulata	1		50		FAC	FACW Species			74
2. Salix barclayi			40		FAC	FAC Species			<u>10.3</u>
3. Vaccinium ulig		·	35		FAC	FACU Species			.44
4. Salix richardsonii 25					FACW	UPL Species		x 5 =	0
5. <u>Salix pulchra</u> 10					FACW	Column Totals:	280.1	(A) <u>86</u>	60.3 (B)
						Prevalence Inde	ex = B/A =	3.071	
7		·	0						
			0			Hydrophytic Vegetat		ors:	
10.						Prevalence Index			
10.	т	otal Cover:	160						· · · · · · · · · ·
Herb Stratum		Cover: <u>80</u>		of Total Cover	: 32	Morphological Ad Remarks or on a	aptations (P separate shee	rovide support et)	ing data in
1. Cornus canad	ensis		60	\checkmark	FACU	Problematic Hydro	ophytic Veget	tation ¹ (Explain	n)
2. Equisetum arvense 50				\checkmark	FAC	¹ Indicators of hydric so			-
3. Petasites frigidus 2			2		FACW	be present, unless dist			
4. Rumex arcticu	IS		2		FAC	Plot size (radius, or ler	ath y width)	10	
5. Comarum pal			2		OBL	% Cover of Wetland B			
6. Anemone rich	ardsonii		1		FAC	(Where applicable)	Jopinytes	_70	
7. Rubus arcticu	s (IAM)		1		FACU	% Bare Ground		0	
8. Calamagrostis canadensis1					FAC	Total Cover of Bryophy	/tes	_70	
9. Polemonium a			1		FAC				
10. Rhodiola integ			0.1		FAC	Hydrophytic			
		otal Cover:	120 20%	of Total Cover	24.02	Vegetation Present?	Yes 💿 🛛 N	10 ()	
Remarks: Luzula r	parviflora 0.1.Compal and Ru							-	

	ion: (Describe to the depth needed to document the indicator or confirm the absence of indicators) Matrix Redox Features						cators)				
Depth (inches)	Color (moi	st)	%	Color (moist)	%	Type ¹	Loc 2	Texture	Remarks		
0-3			95			.,,,,		Fibric Organics	5% roots		
3-7			95					Hemic Organics	5% roots		
7-9			100					Sapric Organics			
9-15	2.5Y	2.5/1						Sandy Loam	see remarks		
		2.5/1									
	. <u> </u>							·			
	·			,							
¹ Type: C=Co	ncentration. D=	Depletion.	RM=Reduce	ed Matrix ² Location		-		annel. M=Matrix			
Hydric Soil I	Indicators:			Indicators for Pro		4	oils:	~			
	or Histel (A1)			Alaska Color Ch		-		Alaska Gleyed Without Hue 5Y or Redder Underlying Layer			
	pedon (A2)			Alaska Alpine s	•	,	Г	7 7 7			
	Sulfide (A4)			Alaska Redox W	lith 2.5Y F	lue		Other (Explain in Remark	5)		
	k Surface (A12)			³ One indicator of	hydrophyt	tic vegetatio	on, one prir	nary indicator of wetland h	ydrology,		
	eyed (A13)			and an appropriate					,		
_	dox (A14) eyed Pores (A15	`		⁴ Give details of co	olor chang	e in Remark	s				
)									
Type:	er (if present):							Hydric Soil Present	? Yes 🖲 No 🔾		
Depth (inc	hes):							nyunc son Present			
Remarks:											
				emiangular coarse gra							
HYDROLO)GY										
Wetland Hyd	Irology Indicat	ors:						Secondary Indi	cators (two or more are required)		
Primary Indica	ators (any one is	sufficient)						Water Stained Leaves (B9)			
Surface V	Water (A1)			Inundation Vi	isible on A	erial Image	ry (B7)				
	High Water Table (A2)										
	Saturation (A3) Marl Deposits (B15)						Presence of Reduced Iron (C4)				
U Water Ma				Hydrogen Sulfide Odor (C1)							
	t Deposits (B2)			Dry-Season Water Table (C2)							
	osits (B3)			Other (Explain in Remarks) Geomorphic Position (D2) Shallow Aquitard (D3)							
	t or Crust (B4)								raphic Relief (D4)		
	Soil Cracks (B6)								l Test (D5)		
Field Observ											
Surface Wate		$_{Yes}$ \bigcirc	No 🖲	Depth (inches	s):						
Water Table		Yes 🖲	No 〇	Depth (inches			Wetla	nd Hydrology Presen	t? Yes 🖲 No 🔾		
Saturation Pr	esent?	Yes 🖲		Depth (inches				, , , , , , , , , , , , , , , , , , , ,			
(includes cap					·	oction) if a	ailablar				
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:											
Remarks:											