WETLAND DETERMINATION DATA FORM - Alaska Region

Applicant/Owner Investigator(s): Local relief (con		ority				Compling Doint:		
• . ,				Sampling Point:SW12_T05_06				
•	CTS, EKJ			Landform (hil	lside, terrac	e, hummocks etc.): Flat		
`		flat		Slope: 0.0 % / 0.0 ° Elevation: 549				
Subregion : Int	erior Alaska Mountains		l at ·	62.78022990			Datum: WGS84	
_			Lat	02.70022990	<u> </u>			
Soil Map Unit Na	-			,	<u> </u>	NWI classification: PSS1	<u>B</u>	
Are Vegetation	, Soil , o	or Hydrology or Hydrology ch site map sh	significantl naturally p owing san	y disturbed? roblematic?	(If nee	(If no, explain in Remarks.) Iormal Circumstances" present? Yes eded, explain any answers in Remarks. s, transects, important features	,	
Hydrophy	ytic Vegetation Present?		mlad Avaa					
Hydric S	oil Present?	Yes 💿 No	\circ	Is the Sampled Area within a Wetland? Yes ○ No ●				
Wetland	Hydrology Present?	Yes ○ No	\odot	W	ithin a W	etiand? Tes UNO 9		
Remarks:	· · · · · · · · · · · · · · · · · · ·							
VEGETATIO	N -Use scientific na	mes of plants.	List all spe	ecies in the	•	Dominance Test worksheet:		
Tree Stratum	<u> </u>		% Cover		Status	Number of Dominant Species	2 (4)	
1			0			That are OBL, FACW, or FAC:	3(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:	75.0% (A/B)	
5.			0			Prevalence Index worksheet:		
		Total Cov	er: <u>0</u>			Total % Cover of: Multiply	y by:	
Sapling/Shru	ib Stratum 50	% of Total Cover:	0 20%	of Total Cover	:0	OBL Species 15 x 1 =		
1 Saliv ba	rolavi		20	✓	FAC	FACW Species 0.4 x 2 =		
Salix ba Dasipho	ra frutiona		15	✓	FAC	FAC Species 38.3 x 3 =		
	aaalaakana				FACU	FACU Species 7.4 x 4 =		
4. Myrica g				<u>✓</u>	OBL	UPL Species 0 x 5 =		
	In a di Inna				FAC			
	ım uliginosum		1		FAC	Column Totals: 61.1 (A)	<u>160.3</u> (B)	
	•		$ \frac{1}{0.1}$		FAC	Prevalence Index = B/A =	2.624	
	groenlandicum							
8. Rosa ac			0.1		FACU	Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50%		
						✓ Prevalence Index is ≤3.0		
10		Total Cov						
Herb Stratun	n 50	0% of Total Cover:	30.2	% of Total Cove	r: 11.64	Morphological Adaptations ¹ (Provide Remarks or on a separate sheet)	supporting data in	
-	ia palustris		0.1		FACW	Problematic Hydrophytic Vegetation	1 (Explain)	
	rum alpinum			<u> </u>	FACU	¹ Indicators of hydric soil and wetland hyd		
	octic letifolic		0.1	$\overline{\sqcap}$	FACW	be present, unless disturbed or problema	tic.	
4. Eurybia	aibiriaa		0.1		FAC			
5. Galium			0.1		FACU	Plot size (radius, or length x width)	_10m	
6. Artemisi			0.1		FACU	% Cover of Wetland Bryophytes (Where applicable)	_0	
	um pratense		0.1		FACW	% Bare Ground	0	
	ia paniculata		0.1		FACU	Total Cover of Bryophytes	0	
	a capitata		0.1		FAC	. San Cover of Dryophytes	<u> </u>	
-	orba canadensis		0.1		FACW	Hydrophytic		
		Total Cov	er: 2.9			Vegetation		
	50	% of Total Cover:		of Total Cover	: 0.58	Present? Yes • No	ı	
Remarks:								

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SOIL Sampling Point: SW12_T05_06

	on: (Describe to t	he depth nee	eded to docum	ent the inc		firm the abs		ators)				
Depth (inches) Color (moist)		%	Color (moist)		%	% Type ¹		Texture	Remarks			
0-2								<u>Loc</u> ²	Fibric Organics	w mineral sand		
2-3	2.5Y	5/1	50	10YR	5/8	50	C	PL	Loamy Sand			
3-4									Fibric Organics	w mineral sand		
4-14		4/1	30	10YR	4/6	70	С	PL	Loamy Sand	depletion along roots		
								-				
									-			
¹Type: C=Con	ncentration. D=	Depletion.	RM=Reduce				_		annel. M=Matrix			
Hydric Soil In	ndicators:				ors for Pro		4	oils:				
	Histel (A1)				ka Color Ch				☐ Alaska Gleyed Without Hue 5Y or Redder Underlying Layer			
Histic Epipe				☐ Alaska Alpine swales (TA5) ☐ Alaska Redox With 2.5Y Hue					Other (Explain in Remarks)			
	Sulfide (A4)			∟ Alasi	ka Redox W	itn 2.5Y H	iue		Other (Explain in Kemari	3)		
	Surface (A12)			³ One in	ndicator of I	hydrophyt	ic vegetatio	n, one prir	mary indicator of wetland h	ydrology,		
☐ Alaska Gley ✓ Alaska Red				and an	appropriate	e landscap	e position r	nust be pr	esent			
	yed Pores (A15)		4 Give o	details of co	lor change	e in Remark	s				
	-											
Restrictive Laye Type:	er (ii present):								Hydric Soil Present	? Yes ● No ○		
Depth (inch	nes):								nyunc son Present	: les 🔾 110 🔾		
Remarks:												
HYDROLO	GY											
Wetland Hydr	rology Indicat	tors:							Secondary Indi	cators (two or more are required)		
Primary Indicat	tors (any one is	sufficient)							·			
Surface W	ater (A1)			In	undation Vis	sible on A	erial Image	ry (B7)				
High Wate		Sparsely Vegetated Concave Surface (B8)					✓ Oxidized Rhizospheres along Living Roots (C3)					
Saturation (A3)				Marl Deposits (B15)					Presence of Reduced Iron (C4)			
Water Mar					drogen Sulf				Salt Depos			
	Deposits (B2)			_	y-Season W					Stressed Plants (D1)		
☐ Drift Depo	or Crust (B4)			□ Ot	her (Explair	ı in Remar	rks)			ic Position (D2) Juitard (D3)		
Iron Depo	. ,									graphic Relief (D4)		
	oil Cracks (B6)									of Test (D5)		
Field Observa									IAC IICaac	ii lest (D3)		
Surface Water		Yes 〇	No •	De	epth (inches	s):						
Water Table P			No 💿			•		Wetla	nd Hydrology Presen	t? Yes ○ No •		
Saturation Pre		_	_		epth (inches	•			na rijarologi, ricco			
(includes capill		Yes U	No 💿	De	epth (inches	;):						
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:												
Remarks:												

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