WETLAND DETERMINATION DATA FORM - Alaska Region

/Site: Susitna-Watana Hydroelectric Pro	oject	ľ	Borough/City:	Denali Bo	rough Sampling Date: 31-Jul-1	13	
ant/Owner: Alaska Energy Authority					Sampling Point: SW13_T205	07	
gator(s): SLI. EAC		_					
elief (concave, convex, none): flat			Slope:				
uion : Interior Alaska Mountains		Lat ·	- · <u></u> 63 366938710			 D83	
			00.000000110	,,,			
	and for this time	of voc	vr2 Ves	● No ○			
		•)	
			•				
	0,			·			
		ng sar	mpling point	locations	s, transects, important features, etc.		
Hydrophytic Vegetation Present? Yes			la.	the Com	mlad Ausa		
Hydric Soil Present? Yes	O No 💿						
Wetland Hydrology Present? Yes	O No 💿		Wi	tnin a w	etiand? Tes UNO U		
arks:							
TATION - Use scientific names of	plants. List	all sp	ecies in the	plot.			
	Α	bsolute	e Dominant	Indicator	Dominance Test worksheet:		
e Stratum				Status	Number of Dominant Species That are OBL FACW or FAC:	(A)	
		0				(,,)	
		0	_ 📙			(B)	
		0	- 📙		Percent of dominant Species		
		0	- 📙		That Are OBL, FACW, or FAC:	(A/B)	
		0			Prevalence Index worksheet:		
		0	= *		Total % Cover of: Multiply by:		
ling/Shrub Stratum 50% 01 10ta	l Cover: U	207		0	OBL Species 0 x 1 = 0		
Vaccinium uliginosum		_30		FAC			
		20	_	FAC			
		5	- 📙	FACW			
			- 📙				
		-	-		Column Totals:74.1 (A)221.4_	(B)	
<u> </u>			-		Prevalence Index = B/A =		
<u> </u>			- 📙	FAC	Undership Verstation Indicators		
			- 🗒				
		0	-				
	Total Cover:	69	_			ata in	
b Stratum 50% of Tota	al Cover: <u>34</u> .		% of Total Cover	: 13.8	Remarks or on a separate sheet)	ata III	
Bistorta plumosa		0.1		FACU	Problematic Hydrophytic Vegetation ¹ (Explain)		
O 1::!- "		5	✓	FAC	¹ Indicators of hydric soil and wetland hydrology must		
		0			be present, unless disturbed or problematic.		
		0	_ 📙		Plot size (radius, or length x width)		
		0	- 📙			_	
			-		(Where applicable)	_	
			-		% Bare Ground3	_	
			-		Total Cover of Bryophytes	_	
			-				
			_		Hydrophytic		
	Total Cover	5.1			Vegetation		
			- % of Total Cover:	1.02	Present? Yes • No •		
	Alaska Energy Authority gator(s): SLI, EAC elief (concave, convex, none): flat gion: Interior Alaska Mountains up Unit Name: matic/hydrologic conditions on the site typic gegetation	ant/Owner: Alaska Energy Authority gator(s): SLI, EAC elief (concave, convex, none): flat gion: Interior Alaska Mountains up Unit Name: matic/hydrologic conditions on the site typical for this time (egetation	Int/Owner: Alaska Energy Authority gator(s): SLI, EAC ellef (concave, convex, none): flat gion: Interior Alaska Mountains	Int/Owner: Alaska Energy Authority gator(s): SLI, EAC	Int/Owner: Alaska Energy Authority gator(s): SLI, EAC	abories SLI, EAC Landform (hillside, terrace, hummocks etc.) Hillside	

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SOIL Sampling Point: SW13 T205 07

JUIL								Samping	Point: 3W13_12U3_U7		
Profile Descripti	•		eeded to docu	ument the indicator or con			ators)				
Depth Matrix				Red	ox Features		_				
(inches)	Color (mo	ist)	<u>%</u>	Color (moist)	%	Type ¹	<u>Loc</u> 2	Texture	Remarks		
0-3	5YR	2.5/1	100					Hemic Organics			
3-8	5YR	3/2	100		-			Fine Sandy Loam	Abundant Fe-Mn nodules which may affect		
8-18	10YR	3/4	100					Sandy Loam	15% gravel.		
-								-			
								-	. ———		
1 Type: C-Cer		Doplotion	DM-Dodu	ced Matrix ² Location	. DI _Dor	o Lining DC		nnal M-Matrix	. —		
		Беріецоп	. KM=Reuu					Tillei. M=Mau ix			
Hydric Soil I				Indicators for Pro		4	DIIS:	1 <u>-</u>			
	r Histel (A1)			Alaska Color Ch		-		☐ Alaska Gleyed Without Hue 5Y or Redder Underlying Layer			
Histic Epip				☐ Alaska Alpine sv				Other (Explain in Remarl	ke)		
	Sulfide (A4)			☐ Aldska Redux W	nui 2.51 i	iue		Curer (Explain in Remain			
Alaska Gle	Surface (A12)			³ One indicator of	hydrophyt	tic vegetatio	n, one prin	nary indicator of wetland h	nydrology,		
Alaska Gie				and an appropriate	e landscap	pe position r	must be pre	esent			
	eyed Pores (A15	5)		4 Give details of co	lor chang	e in Remark	(S				
		• • • • • • • • • • • • • • • • • • • •									
Restrictive Laye	er (ir present):							Undria Cail Breasant	? Yes ○ No •		
Type: Depth (inch	nac):							Hydric Soil Present	:? Yes ∪ No ⊎		
, ,	ies).										
Remarks:											
Texture of Horiz	zon 2 may be l	oam. Not	sure perce	ntage of Fe-Mn nodule	s vs. perc	entage of s	and.				
HYDROLO	GY										
Wetland Hydi								Secondary Indi	cators (two or more are required)		
Primary Indica	tors (any one i	s sufficien	t)					Water Stai	ned Leaves (B9)		
Surface W	. ,			Inundation Vi		_			Patterns (B10)		
	er Table (A2)			Sparsely Vege		ncave Surfac	ce (B8)		thizospheres along Living Roots (C3)		
Saturation	` '			Marl Deposits	` '				of Reduced Iron (C4)		
☐ Water Ma				Hydrogen Sul				☐ Salt Depos			
Drift Depo	Deposits (B2)			☐ Dry-Season W					Stressed Plants (D1) ic Position (D2)		
	or Crust (B4)			U Other (Explain	ı ın kema	rks)			quitard (D3)		
Iron Depo									graphic Relief (D4)		
	oil Cracks (B6)								al Test (D5)		
Field Observa											
Surface Water		Yes C	No 💿	Depth (inches	s):						
Water Table P		_	No •		,		Wetlar	nd Hydrology Presen	it? Yes ○ No •		
Saturation Pre				Depth (inches	5):		Wedai	na myarology mesen	it: les C No C		
(includes capi		Yes C	No 💿	Depth (inches	5):						
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:											
Remarks:											
no wetland hyd	drology indicate	ors									

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