WETLAND DETERMINATION DATA FORM - Alaska Region

Project/Site: Susitna-Watana Hydroelectric Project	B	orough/City:	Denali Bo	brough Sampling Date: 03-Aug-13
Applicant/Owner: Alaska Energy Authority				Sampling Point: SW13_T194_05
Investigator(s): SLI. EAC		Landform (hill	side, terrac	e, hummocks etc.): Channel (active)
Local relief (concave, convex, none): flat		Slope:		2° Elevation: 851
Subregion : Interior Alaska Mountains	lat f	63.351904153		Long.: -148.336607574 Datum: NAD83
Soil Map Unit Name:		55.551504150		
•			• No O	NWI classification: R3UBH
	significantly naturally pro	v disturbed? oblematic?	Are "N (If nee	(If no, explain in Remarks.) Iormal Circumstances" present? Yes ● No ○ eded, explain any answers in Remarks.) s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes • No)	_		
Hydric Soil Present? Yes Ves No C)			pled Area
Wetland Hydrology Present? Yes No C)	wi	thin a W	'etland? Yes \odot No \bigcirc
Remarks: characterizing R3UBH in subalpine. channel 7ft w cover includes ohv, ucb. dense salix cover, see sw VEGETATION - Use scientific names of plants. Li	v13-t194-06	5 for riparian o	community.	
	st an spe	cies in the	ρισι.	Dominance Test worksheet:
Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	Number of Dominant Species
1.	0		Status	That are OBL, FACW, or FAC:(A)
2.				Total Number of Dominant
2				Species Across All Strata:(B)
	0			Percent of dominant Species That Are OBL, FACW, or FAC: 0.0% (A/B)
4. 5.	0			
Total Cover	: 0			Prevalence Index worksheet: Total % Cover of: Multiply by:
Sapling/Shrub Stratum 50% of Total Cover:	0 20%	of Total Cover:	0	
				$\begin{array}{c c} \text{OBL Species} & \underline{0} & x \ 1 = & \underline{0} \\ \text{FACW Species} & \underline{0} & x \ 2 = & \underline{0} \end{array}$
1.				FAC Species $0 \times 3 = 0$
2				FACU Species $0 \times 4 = 0$
				UPL Species $0 \times 5 = 0$
				Column Totals: <u>0</u> (A) <u>0</u> (B)
6 7.	0			Prevalence Index = B/A =0.000
8	0			Hydrophytic Vegetation Indicators:
9.	0			Dominance Test is > 50%
10.	0			Prevalence Index is ≤ 3.0
Total Cover Herb Stratum50% of Total Cover:		of Total Cover	: 0	Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
1	0			✓ Problematic Hydrophytic Vegetation ¹ (Explain)
2.				¹ Indicators of hydric soil and wetland hydrology must
3.				be present, unless disturbed or problematic.
4.				Plot size (radius, or length x width) 2x5m
5.				Plot size (radius, or length x width) % Cover of Wetland Bryophytes
6	-			(Where applicable)
7				% Bare Ground 100
8				Total Cover of Bryophytes
9				
10	0			Hydrophytic
Total Cover 50% of Total Cover:		of Total Cover:	0	Vegetation Present? Yes No
Remarks: unvegetated active channel				

Depth —	(Describe to the depth Matrix			ox Features			
(inches)	Color (moist)	<u>%</u> (Color (moist)	% Type	_Loc_2	Texture	Remarks
		·					
		·					
		·					
		·					
	tertion D. Dealetie		M-hite 2				
	ntration. D=Depletio		ndicators for Pro	-		nnei. M=Matrix	
lydric Soil Indi		I L	Alaska Color Cha	4		Alaska Gleyed Without Hu	io EV or Doddor
 Histosol or His Histic Epipedo 	. ,					Underlying Layer	Je St of Reduel
Hydrogen Sulf			Alaska Redox W	. ,	\checkmark	Other (Explain in Remark	s)
Thick Dark Su							
Alaska Gleyed	()		³ One indicator of h and an appropriate			nary indicator of wetland h	ydrology,
Alaska Redox			and an appropriate	lanuscape positio	n must be pre	esent	
Alaska Gleyed	Pores (A15)		⁴ Give details of col	or change in Rem	arks		
estrictive Layer (i	f present):						
Туре:						Hydric Soil Present	? Yes 🖲 No 🔾
Depth (inches)	:						
IYDROLOG	(
Vetland Hydrold	ogy Indicators:					Secondary Indic	cators (two or more are required)
Primary Indicators	any one is sufficie	nt)				Water Stair	ned Leaves (B9)
✓ Surface Wate	r (A1)		Inundation Vis	ible on Aerial Ima	igery (B7)		atterns (B10)
High Water T	. ,			tated Concave Su	rface (B8)	_	hizospheres along Living Roots (C3
Saturation (A			Marl Deposits	. ,			f Reduced Iron (C4)
Water Marks	. ,		Hydrogen Sulf			Salt Deposi	
Sediment Dep				ater Table (C2)		_	Stressed Plants (D1)
Drift Deposits			Other (Explain	in Remarks)		✓ Geomorphi Shallow Aq	
Iron Deposits							raphic Relief (D4)
Surface Soil C						FAC-neutra	,
ield Observatio							
		● _{No} 〇	Depth (inches): 6			
Surface Water Pre	ont? Voc (🔾 No 🖲	Depth (inches):	Wetlar	nd Hydrology Presen	t? Yes 🖲 No 🔾
			1 1	,			
Surface Water Presonant Contract Contra	it? Vec	🔾 No 🖲	Depth (inches):			
Water Table Pres Saturation Presen (includes capillar)	it? Vec			·	available:		
Water Table Pres Saturation Presen includes capillary	t? Yes (v fringe)			·	available:		
Water Table Pres Saturation Presen (includes capillary	t? Yes (v fringe)			·	available:		