WETLAND DETERMINATION DATA FORM - Alaska Region

Project/Site: Su	sitna-Watana Hydroelectric Project	B	orough/City:	Matanusk	a-Susitna Borough Sampling Date: 09-Jul-13
Applicant/Owner:	Alaska Energy Authority				Sampling Point: SW13_T110_05
nvestigator(s):	JER		Landform (hills	side, terrac	e, hummocks etc.): Channel (active)
_ocal relief (conca	ve, convex, none): flat		Slope:	%/ 4.4	e Slevation: 942
Subregion : Interio	or Alaska Mountains	Lat.: (62.760817170	3	Long.: -148.081488133 Datum: NAD83
Soil Map Unit Name		_			NWI classification: R3UBH
	gic conditions on the site typical for this t	ime of year		• No ()	(If no, explain in Remarks.)
Are Vegetation	<u> </u>	•	/ disturbed?		Iormal Circumstances" present? Yes No
Are Vegetation		• •			eded, explain any answers in Remarks.)
SUMMARY OF	FINDINGS - Attach site map sho	wing sam	pling point	locations	s, transects, important features, etc.
Hydrophytic	Vegetation Present? Yes No)			
Hydric Soil	Present? Yes 🔍 No 🤇)			pled Area
-	drology Present? Yes 🔍 No 🤇)	wit	thin a W	etland? Yes Yes No
	errenial stream with rocky bottom, 34ft	wide, 612	2in deep. partia	ally obscuri	red by overhanging salix, alncri
FGETATION	Use scientific names of plants. L	ist all sno	cios in tho r		
					Dominance Test worksheet:
Tree Stratum		Absolute % Cover	Dominant Species?	Indicator Status	Number of Dominant Species
1		0			That are OBL, FACW, or FAC: (A)
					Total Number of Dominant Species Across All Strata: 0 (B)
		0			Percent of dominant Species That Are OBL, FACW, or FAC: 0.0% (A/B)
		0			
	Total Cover	. 0			Prevalence Index worksheet: Total % Cover of: Multiply by:
Sapling/Shrub S	Stratum 50% of Total Cover:	0 20%	of Total Cover:	0	OBL Species $0 \times 1 = 0$
					FACW Species $0 \times 2 = 0$
2		0			FAC Species $0 \times 3 = 0$
					FACU Species $0 \times 4 = 0$
					UPL Species $0 \times 5 = 0$
-					Column Totals: <u>0</u> (A) <u>0</u> (B)
					Prevalence Index = B/A =0.000
8.		0			Hydrophytic Vegetation Indicators:
9.		0			Dominance Test is > 50%
		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		0			Problematic Hydrophytic Vegetation ¹ (Explain)
					¹ Indicators of hydric soil and wetland hydrology must
3		0			be present, unless disturbed or problematic.
4		0			Plot size (radius, or length x width)
					% Cover of Wetland Bryophytes
					(Where applicable)
					% Bare Ground
					Total Cover of Bryophytes
10					Hydrophytic
	Total Cover 50% of Total Cover:		(Vegetation Present? Yes • No ·
			OT LOTAL COVOR	0	Present? Yes 🔍 No 🔾

Depth	Matrix		cument the indicator or co	dox Featu			-	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc 2	Texture	Remarks
	<u> </u>							
¹ Type: C=Con	ncentration. D=Deplet	ion. RM=Redu	uced Matrix ² Locatio	n: PL=Por	e Lining. RC	C=Root Cha	nnel. M=Matrix	·
Hydric Soil Ir	ndicators:		Indicators for P	roblematio	c Hydric S	oils: ³		
Histosol or	r Histel (A1)		Alaska Color C		-		Alaska Gleyed Without H	ue 5Y or Redder
Histic Epipe	edon (A2)		Alaska Alpine s	•	,		Underlying Layer	
	Sulfide (A4)		Alaska Redox V	With 2.5Y H	lue	V	Other (Explain in Remar	ks)
	< Surface (A12)		³ One indicator of	f hydronhyt	tic venetatic	one prin	nary indicator of wetland I	wdrology
Alaska Gley	, , ,		and an appropria					Ιγάι σιοθγ,
Alaska Red	. ,		⁴ Give details of c	olor change	e in Remarl	ĸs		
	eyed Pores (A15)							
Restrictive Laye	er (if present):							<u> </u>
Type: Depth (inch							Hydric Soil Present	? Yes 🖲 No 🔾
LIGHTLE DOM: 1	ies):							
	,							
Remarks:	-							
Remarks:	assume hydric soil							
Remarks:	-							
Remarks:	-							
Remarks: active channel,	assume hydric soil							
Remarks: active channel,	assume hydric soil						Secondary Ind	seters (two or more are required)
Remarks: active channel, IYDROLO Wetland Hydr	assume hydric soil	ient)						cators (two or more are required)
Remarks: active channel, IYDROLO Wetland Hydr	assume hydric soil GY rology Indicators: itors (any one is suffic	ient)	Inundation V	/isible on A		rv (B7)	Water Sta	cators (two or more are required) ined Leaves (B9) Patterns (B10)
Remarks: active channel, HYDROLO Wetland Hydr Primary Indicat Surface W	assume hydric soil GY rology Indicators: itors (any one is suffic	ient)	Inundation V Sparsely Veg		-		Water Sta	ined Leaves (B9)
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