WETLAND DETERMINATION DATA FORM - Alaska Region

Applicant/Owner: Alaska Energy Authority	ect Bo	rough/City: Denali B	
Alaska Ellergy Authonity			Sampling Point:SW13_T170_07
vestigator(s): WAD, RWM	L	andform (hillside, terra	ce, hummocks etc.): pond
ocal relief (concave, convex, none): none	č	Slope: % / 1.	4 ° Elevation: 817
ubregion : Interior Alaska Mountains	Lat: 6	3.4253487591	Long.: -148.646960257 Datum: NAD83
-		3.4233407331	
oil Map Unit Name:		Yes 💿 No 🔿	NWI classification: PUBHb
re climatic/hydrologic conditions on the site typical Are Vegetation , Soil , or Hydrolog Are Vegetation , Soil , or Hydrolog UMMARY OF FINDINGS - Attach site m	y Significantly y naturally pro	disturbed? Are "I blematic? (If ne	Normal Circumstances" present? Yes \bigcirc No \bigcirc eded, explain any answers in Remarks.)
Hydrophytic Vegetation Present? Yes 🖲) No ()		
Hydric Soil Present? Yes •	npled Area		
Wetland Hydrology Present? Yes •) No ()	within a V	/etland? Yes $ullet$ No $igodoldsymbol{ imes}$
Remarks: Active beaver dam plot			
EGETATION - Use scientific names of p	lants. List all spec Absolute % Cover	cies in the plot. Dominant Indicator Species? Status	Dominance Test worksheet: Number of Dominant Species
1			That are OBL, FACW, or FAC: <u>2</u> (A)
2.			Total Number of Dominant
			Species Across All Strata: <u>2</u> (B)
			Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
5	0		()
	tal Cover: 0		Prevalence Index worksheet:
То	tal Cover: <u>n</u>	of Total Cover: 0	Total % Cover of: Multiply by:
Sapling/Shrub Stratum 50% of Total Cr	over: 20% c	of Total Cover:0	Total % Cover of: Multiply by: OBL Species <u>7</u> x 1 = <u>7</u>
To Sapling/Shrub Stratum 50% of Total Control 1.	over: <u>0</u> 20% c	of Total Cover:	Total % Cover of:Multiply by:OBL Species7 $x \ 1 = 7$ FACW Species0 $x \ 2 = 0$
To Sapling/Shrub Stratum 50% of Total Co 1 2	over: <u>0</u> 20% c	of Total Cover:	Total % Cover of:Multiply by:OBL Species7 $x 1 =$ 7FACW Species0 $x 2 =$ 0FAC Species1 $x 3 =$ 3
To Sapling/Shrub Stratum 50% of Total C 1.	over: <u>0</u> 20% c	of Total Cover:	Total % Cover of:Multiply by:OBL Species7 $x 1 =$ 7FACW Species0 $x 2 =$ 0FAC Species1 $x 3 =$ 3FACU Species0 $x 4 =$ 0
To Sapling/Shrub Stratum 50% of Total C 1.	over: <u>0</u> 20% c	of Total Cover:0	Total % Cover of:Multiply by:OBL Species7 $x 1 =$ 7FACW Species0 $x 2 =$ 0FAC Species1 $x 3 =$ 3FACU Species0 $x 4 =$ 0UPL Species0 $x 5 =$ 0
To Sapling/Shrub Stratum 50% of Total C 1.	over: <u>0</u> 20% c	of Total Cover:0	Total % Cover of:Multiply by:OBL Species7 $x 1 =$ 7FACW Species0 $x 2 =$ 0FAC Species1 $x 3 =$ 3FACU Species0 $x 4 =$ 0
To Sapling/Shrub Stratum 50% of Total Co 1. 2. 3. 4. 5. 6.	over: <u>0</u> 20% c	of Total Cover:0	Total % Cover of:Multiply by:OBL Species7 $x 1 =$ 7FACW Species0 $x 2 =$ 0FAC Species1 $x 3 =$ 3FACU Species0 $x 4 =$ 0UPL Species0 $x 5 =$ 0
To Sapling/Shrub Stratum 50% of Total C 1.	over: 20% c	of Total Cover:	Total % Cover of:Multiply by:OBL Species7 $x 1 =$ 7FACW Species0 $x 2 =$ 0FAC Species1 $x 3 =$ 3FACU Species0 $x 4 =$ 0UPL Species0 $x 5 =$ 0Column Totals:8(A)10(B)Prevalence Index = B/A =1.250
To Sapling/Shrub Stratum 50% of Total C 1.	over: <u>0</u> 20% c	of Total Cover:	Total % Cover of:Multiply by:OBL Species7 $x 1 =$ 7FACW Species0 $x 2 =$ 0FAC Species1 $x 3 =$ 3FACU Species0 $x 4 =$ 0UPL Species0 $x 5 =$ 0Column Totals:8(A)10Prevalence Index = B/A =1.250Hydrophytic Vegetation Indicators:
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To Sapling/Shrub Stratum 50% of Total Co	over: 20% c		Total % Cover of:Multiply by:OBL Species7 $x \ 1 =$ 7FACW Species0 $x \ 2 =$ 0FAC Species1 $x \ 3 =$ 3FACU Species0 $x \ 4 =$ 0UPL Species0 $x \ 5 =$ 0Column Totals:8(A)10Prevalence Index = B/A =1.250Hydrophytic Vegetation Indicators: \checkmark Dominance Test is > 50% \checkmark Prevalence Index is ≤ 3.0
To Sapling/Shrub Stratum 50% of Total C 1.	over: 20% c	of Total Cover: _0	Total % Cover of:Multiply by:OBL Species7 $x \ 1 =$ 7FACW Species0 $x \ 2 =$ 0FAC Species1 $x \ 3 =$ 3FACU Species0 $x \ 4 =$ 0UPL Species0 $x \ 5 =$ 0Column Totals:8(A)10Prevalence Index = B/A =1.250Hydrophytic Vegetation Indicators: \checkmark Dominance Test is > 50% \checkmark Prevalence Index is ≤ 3.0 \square Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
To Sapling/Shrub Stratum 50% of Total C 1. 50% of Total C 2. 3. 3. 4. 5. 6. 7. 8. 9. 10. 10. 50% of Total C 11. Carex aquatilis	over: 20% c	□	Total % Cover of:Multiply by:OBL Species7 $x 1 =$ 7FACW Species0 $x 2 =$ 0FAC Species1 $x 3 =$ 3FACU Species0 $x 4 =$ 0UPL Species0 $x 5 =$ 0Column Totals:8(A)10Prevalence Index = B/A =1.250Hydrophytic Vegetation Indicators: \checkmark Dominance Test is > 50% \checkmark Prevalence Index is ≤ 3.0 \square Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) \square Problematic Hydrophytic Vegetation ¹ (Explain)
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SOIL

Implicit Secondary Indicators No Remarks attack attack attack attack attack attack attack attack attack attack attack attack attack attack </th <th colspan="5">Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators) Matrix Redox Features</th> <th>cators)</th> <th></th> <th></th>	Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators) Matrix Redox Features					cators)				
Image: Secondary Indicators: Image: Secondary Indicators (Particle Colors) Image: Secondary Indicators: Indicators for Problematic Hydric Solls? Image: Secondary Indicators: Indicator of Hydrophytic weetation, one primary indicator of wetland hydrology, and and appropriate Indicator of Hydrophytic weetation, one primary indicator of wetland hydrology. Adasa Second (A1) A loss A Bedrok (A14) Adasa Redox (A14) * Give details of color change in Remarks Restrictive Layer (If present): Type:: Type:: Hydric Soil Present? Yes (*) No (*) Depth (inches): Inundation. Metand Hydrology Indicators: Secondary Indicators (for our merce are required) Implicit Indicators (for our testificit) Inundation. Implicit Indicators (for our testificit) Inundation. Implicit Indicator (A3) Metan Daposts (B15) Depth (inches): Implicit Indicator (A1) Implicit Indicators (for our merce are required) Implicit Indicators (B1) Implicit Indicind (B1) Implicit Indicators (for our me	Depth (inches)	Color (mois	st) %	Color (moist)	%	Type ¹	Loc 2	Texture	Remarks	
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