

WETLAND DETERMINATION DATA FORM - Alaska Region

Project/Site: Susitna-Watana Hydroelectric Project Borough/City: Matanuska-Susitna Borough Sampling Date: 03-Aug-13
 Applicant/Owner: Alaska Energy Authority Sampling Point: SW13_T173_02
 Investigator(s): BAB Landform (hillside, terrace, hummocks etc.): Hillside
 Local relief (concave, convex, none): convex Slope: % / 17.0 ° Elevation: 120
 Subregion: Interior Alaska Mountains Lat.: 63.1601494429 Long.: -148.267735286 Datum: NAD83
 Soil Map Unit Name: _____ NWI classification: Upland

Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Hydric Soil Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	Is the Sampled Area within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Remarks:	

VEGETATION -Use scientific names of plants. List all species in the plot.

	Absolute % Cover	Dominant Species?	Indicator Status	
Tree Stratum				
1. _____	0	<input type="checkbox"/>	_____	Dominance Test worksheet: Number of Dominant Species That are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>0</u> (B) Percent of dominant Species That Are OBL, FACW, or FAC: <u>0.0%</u> (A/B)
2. _____	0	<input type="checkbox"/>	_____	
3. _____	0	<input type="checkbox"/>	_____	
4. _____	0	<input type="checkbox"/>	_____	
5. _____	0	<input type="checkbox"/>	_____	
Total Cover:		0		
Sapling/Shrub Stratum				
	50% of Total Cover: <u>0</u>	20% of Total Cover: <u>0</u>		Prevalence Index worksheet: Total % Cover of: Multiply by: OBL Species <u>0</u> x 1 = <u>0</u> FACW Species <u>0</u> x 2 = <u>0</u> FAC Species <u>0.2</u> x 3 = <u>0.600</u> FACU Species <u>0.3</u> x 4 = <u>1.200</u> UPL Species <u>0.3</u> x 5 = <u>1.500</u> Column Totals: <u>0.8</u> (A) <u>3.300</u> (B) Prevalence Index = B/A = <u>4.125</u>
1. <u>Vaccinium uliginosum</u>	0.1	<input type="checkbox"/>	FAC	
2. _____	0	<input type="checkbox"/>	_____	
3. _____	0	<input type="checkbox"/>	_____	
4. _____	0	<input type="checkbox"/>	_____	
5. _____	0	<input type="checkbox"/>	_____	
6. _____	0	<input type="checkbox"/>	_____	
7. _____	0	<input type="checkbox"/>	_____	
8. _____	0	<input type="checkbox"/>	_____	
9. _____	0	<input type="checkbox"/>	_____	
10. _____	0	<input type="checkbox"/>	_____	
Total Cover:		0.1		
Herb Stratum				
	50% of Total Cover: <u>0.05</u>	20% of Total Cover: <u>0.02</u>		Hydrophytic Vegetation Indicators: <input type="checkbox"/> Dominance Test is > 50% <input type="checkbox"/> Prevalence Index is ≤ 3.0 <input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Anthoxanthum monticola ssp. alpinum</u>	0.1	<input type="checkbox"/>	UPL	
2. <u>Arnica lessingii</u>	0.1	<input type="checkbox"/>	UPL	
3. <u>Carex podocarpa</u>	0.1	<input type="checkbox"/>	FAC	
4. <u>Anemone parviflora</u>	0.1	<input type="checkbox"/>	FACU	
5. <u>Poa glauca</u>	0.1	<input type="checkbox"/>	UPL	
6. <u>Antennaria alpina</u>	0.1	<input type="checkbox"/>	FACU	
7. <u>Carex atrofusca</u>	0.1	<input type="checkbox"/>	FACW	
8. <u>Boykinia richardsonii</u>	0.1	<input type="checkbox"/>	UPL	
9. _____	0	<input type="checkbox"/>	_____	
10. _____	0	<input type="checkbox"/>	_____	
Total Cover:		0.80		
	50% of Total Cover: <u>0.400</u>	20% of Total Cover: <u>0.160</u>		

Remarks: bryophytes mostly crustose lichen. No species considered dominant as total cover of each stratum is less than 5%.

