

WETLAND DETERMINATION DATA FORM - Alaska Region

Project/Site: Susitna-Watana Hydroelectric Project Borough/City: Matanuska-Susitna Borough Sampling Date: 24-Aug-15
 Applicant/Owner: Alaska Energy Authority Sampling Point: SW15_T329_04
 Investigator(s): ERT, TXC Landform (hillside, terrace, hummocks etc.): Pond
 Local relief (concave, convex, none): flat Slope: 0.0 % / 0.0 ° Elevation: _____
 Subregion: Interior Alaska Mountains Lat.: _____ Long.: _____ Datum: WGS84
 Soil Map Unit Name: _____ **NWI classification: PUBH**

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

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

	Absolute % Cover	Dominant Species?	Indicator Status				
Tree Stratum				Dominance Test worksheet: Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)			
1. _____	_____	<input type="checkbox"/>	_____				
2. _____	_____	<input type="checkbox"/>	_____				
3. _____	_____	<input type="checkbox"/>	_____				
4. _____	_____	<input type="checkbox"/>	_____				
5. _____	_____	<input type="checkbox"/>	_____				
Total Cover: <u>0</u>				Prevalence Index worksheet: Total % Cover of: Multiply by: OBL Species <u>24.1</u> x 1 = <u>24.1</u> FACW Species <u>0</u> x 2 = <u>0</u> FAC Species <u>0</u> x 3 = <u>0</u> FACU Species <u>0</u> x 4 = <u>0</u> UPL Species <u>0</u> x 5 = <u>0</u> Column Totals: <u>24.1</u> (A) <u>24.10</u> (B) Prevalence Index = B/A = <u>1.000</u>			
Sapling/Shrub Stratum 50% of Total Cover: <u>0</u> 20% of Total Cover: <u>0</u>							
1. _____	0	<input type="checkbox"/>	_____				
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: <u>0</u>							
Herb Stratum 50% of Total Cover: <u>0</u> 20% of Total Cover: <u>0</u>							
1. <u>Carex utriculata</u>	10	<input checked="" type="checkbox"/>	OBL				
2. <u>Carex aquatilis</u>	10	<input checked="" type="checkbox"/>	OBL				
3. <u>Menyanthes trifoliata</u>	2	<input type="checkbox"/>	OBL				
4. <u>Eriophorum scheuchzeri</u>	1	<input type="checkbox"/>	OBL				
5. <u>Carex limosa</u>	1	<input type="checkbox"/>	OBL				
6. <u>Utricularia intermedia</u>	0.1	<input type="checkbox"/>	OBL				
7. _____	0	<input type="checkbox"/>	_____				
8. _____	0	<input type="checkbox"/>	_____				
9. _____	0	<input type="checkbox"/>	_____				
10. _____	0	<input type="checkbox"/>	_____				
Total Cover: <u>24.1</u>							
50% of Total Cover: <u>12.05</u> 20% of Total Cover: <u>4.82</u>							
Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> Dominance Test is > 50% <input checked="" type="checkbox"/> Prevalence Index is ≤ 3.0 <input type="checkbox"/> Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.							
				Plot size (radius, or length x width) <u>5m</u> % Cover of Wetland Bryophytes (Where applicable) _____ % Bare Ground _____ Total Cover of Bryophytes <u>5</u>			
				Hydrophytic Vegetation Present? Yes <input checked="" type="radio"/> No <input type="radio"/>			
				Remarks:			

