

WETLAND DETERMINATION DATA FORM - Alaska Region

Project/Site: Susitna-Watana Hydroelectric Project Borough/City: Matanuska-Susitna Borough Sampling Date: 04-Jul-13
 Applicant/Owner: Alaska Energy Authority Sampling Point: SW13_T122_05
 Investigator(s): SLI, SCB Landform (hillside, terrace, hummocks etc.): Terrace
 Local relief (concave, convex, none): flat Slope: 0.0 % / 0.0 ° Elevation: 734
 Subregion: Interior Alaska Mountains Lat.: 62.855303645 Long.: -148.47652483 Datum: WGS84
 Soil Map Unit Name: _____ NWI classification: PUSC

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: white crowned sparrow. Appears to be a seasonally flooded pond. Water levels high (fully submerged grasses/sedges). Sparse graminoid veg between submerged cobbles-boulders w/in unconsolidated matrix. Suspect water level drops throughout season and then this is sparsely vegetated	

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>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</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: 0	20% of Total Cover: 0		Prevalence Index worksheet: Total % Cover of: Multiply by: OBL Species <u>0.1</u> x 1 = <u>0.1</u> FACW Species <u>1</u> x 2 = <u>2</u> FAC Species <u>0.1</u> x 3 = <u>0.300</u> FACU Species <u>0</u> x 4 = <u>0</u> UPL Species <u>0</u> x 5 = <u>0</u> Column Totals: <u>1.2</u> (A) <u>2.400</u> (B) Prevalence Index = B/A = <u>2.000</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:		0		
Herb Stratum				
	50% of Total Cover: 0	20% of Total Cover: 0		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 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>Carex stylosa</u>	1	<input checked="" type="checkbox"/>	FACW	
2. <u>Comarum palustre</u>	0.1	<input type="checkbox"/>	OBL	
3. <u>Carex podocarpa</u>	0.1	<input type="checkbox"/>	FAC	
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:		1.2		
	50% of Total Cover: 0.6	20% of Total Cover: 0.24		

Remarks: 1% submerged grass, referenced as puccinellia in tablet. collected, may not be able to identify.

