

WETLAND DETERMINATION DATA FORM - Alaska Region

Project/Site: Susitna-Watana Hydroelectric Project Borough/City: Matanuska-Susitna Borough Sampling Date: 30-Jul-13
 Applicant/Owner: Alaska Energy Authority Sampling Point: SW13_T156_10
 Investigator(s): BAB Landform (hillside, terrace, hummocks etc.): Beaver Pond
 Local relief (concave, convex, none): 0 Slope: % / 10.6 ° Elevation: 989
 Subregion: Interior Alaska Mountains Lat.: 63.280180721 Long.: -148.353353943 Datum: NAD83
 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: | |

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 | | Prevalence Index worksheet: Total % Cover of: Multiply by: OBL Species <u>10.1</u> x 1 = <u>10.1</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>10.1</u> (A) <u>10.10</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: | | 0 | | |
| Herb Stratum | | | | |
| 1. <u>Carex aquatilis</u> | 0.1 | <input type="checkbox"/> | OBL | 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 checked="" type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) |
| 2. <u>Sparganium hyperboreum</u> | 10 | <input checked="" type="checkbox"/> | OBL | |
| 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: | | 10.1 | | |
| 50% of Total Cover: <u>5.05</u> | | 20% of Total Cover: <u>2.02</u> | | |
| Plot size (radius, or length x width) <u>10m</u> % Cover of Wetland Bryophytes (Where applicable) _____ % Bare Ground _____ Total Cover of Bryophytes _____ | | | | |
| Hydrophytic Vegetation Present? Yes <input checked="" type="radio"/> No <input type="radio"/> | | | | |
| Remarks: <u>Unvegetated pond.</u> | | | | |

