



**SOIL**

Sampling Point: SW12\_T10\_05

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators)

| Depth (inches) | Matrix        |     |     | Redox Features |   |                   | Texture         | Remarks                    |
|----------------|---------------|-----|-----|----------------|---|-------------------|-----------------|----------------------------|
|                | Color (moist) |     | %   | Color (moist)  | % | Type <sup>1</sup> |                 |                            |
| 0-3            |               |     |     |                |   |                   | Fibric Organics |                            |
| 3-5            | 2.5Y          | 3/3 | 70  |                |   |                   | Loamy Sand      | 30% organic matter & roots |
| 5-18           | 10YR          | 3/3 | 100 |                |   |                   | Loamy Sand      |                            |
|                |               |     |     |                |   |                   |                 |                            |
|                |               |     |     |                |   |                   |                 |                            |
|                |               |     |     |                |   |                   |                 |                            |
|                |               |     |     |                |   |                   |                 |                            |
|                |               |     |     |                |   |                   |                 |                            |

<sup>1</sup>Type: C=Concentration. D=Depletion. RM=Reduced Matrix <sup>2</sup> Location: PL=Pore Lining. RC=Root Channel. M=Matrix

|   |   |
|---|---|
| <p><b>Hydric Soil Indicators:</b></p> <input type="checkbox"/> Histosol or Histel (A1)<br><input type="checkbox"/> Histic Epipedon (A2)<br><input type="checkbox"/> Hydrogen Sulfide (A4)<br><input type="checkbox"/> Thick Dark Surface (A12)<br><input type="checkbox"/> Alaska Gleyed (A13)<br><input type="checkbox"/> Alaska Redox (A14)<br><input type="checkbox"/> Alaska Gleyed Pores (A15) | <p><b>Indicators for Problematic Hydric Soils:<sup>3</sup></b></p> <input type="checkbox"/> Alaska Color Change (TA4) <sup>4</sup><br><input type="checkbox"/> Alaska Alpine swales (TA5)<br><input type="checkbox"/> Alaska Redox With 2.5Y Hue<br><input type="checkbox"/> Alaska Gleyed Without Hue 5Y or Redder Underlying Layer<br><input type="checkbox"/> Other (Explain in Remarks) |
|---|---|

<sup>3</sup> One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, and an appropriate landscape position must be present  
<sup>4</sup> Give details of color change in Remarks

|  |  |
|--|--|
| <p>Restrictive Layer (if present):<br/>                 Type:<br/>                 Depth (inches):</p> | <p><b>Hydric Soil Present?</b>    Yes <input type="radio"/>    No <input checked="" type="radio"/></p> |
|--|--|

Remarks:  
no hydric soil indicators

**HYDROLOGY**

|  |   |
|--|---|
| <p><b>Wetland Hydrology Indicators:</b></p> <p><u>Primary Indicators (any one is sufficient)</u></p> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)<br><input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)<br><input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15)<br><input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1)<br><input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Dry-Season Water Table (C2)<br><input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Other (Explain in Remarks)<br><input type="checkbox"/> Algal Mat or Crust (B4)<br><input type="checkbox"/> Iron Deposits (B5)<br><input type="checkbox"/> Surface Soil Cracks (B6) | <p><u>Secondary Indicators (two or more are required)</u></p> <input type="checkbox"/> Water Stained Leaves (B9)<br><input type="checkbox"/> Drainage Patterns (B10)<br><input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)<br><input type="checkbox"/> Presence of Reduced Iron (C4)<br><input type="checkbox"/> Salt Deposits (C5)<br><input type="checkbox"/> Stunted or Stressed Plants (D1)<br><input type="checkbox"/> Geomorphic Position (D2)<br><input type="checkbox"/> Shallow Aquitard (D3)<br><input type="checkbox"/> Microtopographic Relief (D4)<br><input type="checkbox"/> FAC-neutral Test (D5) |
|--|---|

|  |  |
|--|--|
| <p><b>Field Observations:</b></p> <p>Surface Water Present?    Yes <input type="radio"/>    No <input checked="" type="radio"/>    Depth (inches):<br/>                 Water Table Present?    Yes <input type="radio"/>    No <input checked="" type="radio"/>    Depth (inches):<br/>                 Saturation Present?      Yes <input type="radio"/>    No <input checked="" type="radio"/>    Depth (inches):<br/>                 (includes capillary fringe)</p> | <p><b>Wetland Hydrology Present?</b>    Yes <input type="radio"/>    No <input checked="" type="radio"/></p> |
|--|--|

Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:

Remarks:  
no wetland hydrology indicators