

# Routine Wetland Determination

## DATA FORM 1 (Revised)

### WA State Wetland Delineation Manual or 1987 Corps Wetland Delineation Manual

Project/Site: Connor Creek Wetland D	Date: 02/13/01
Applicant/owner: Grays Harbor	County: Grays Harbor
Investigator(s): Charles Haynes, Matthew Boyle	State: WA
	S/T/R:
Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Community ID: PEM/PAB/PSS/POA
Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Transect ID: wet D
Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Plot ID: 1
Explanation of atypical or problem area:	

**VEGETATION** (For \*strata, indicate T = tree; S = shrub; H = herb; V = vine)

Dominant Plant Species	*Stratum	% cover	Indicator	Dominant Plant Species	*Stratum	% cover	Indicator
Juncus effusus	S	20%	FACW				
Carex obnupta	H	50%	OBL				
Oenanthe sarmentosa	H	10%	OBL				
Salix hookeriana	S	3%	FACW-				
Juncus falcatus var.	H	10%	OBL				
Ruppia maritime	AB	5%	OBL				

**HYDROPHYTIC VEGETATION INDICATORS:**

% of dominants OBL, FACW, & FAC: 100%

Check all indicators that apply and explain below:

- |  |   |
|--|---|
| <input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation | <input type="checkbox"/> Physiological/reproductive adaptations           |
| <input type="checkbox"/> Morphological adaptations   | <input checked="" type="checkbox"/> Wetland plant database                |
| <input type="checkbox"/> Technical Literature  | <input type="checkbox"/> Personal knowledge of regional plant communities |
|  | <input type="checkbox"/> Other (explain)                                  |

**Hydrophytic vegetation present?**  Yes  No

Rationale for decision/Remarks: All FACW or better

**HYDROLOGY**

Is it the growing season? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Marks: <input type="checkbox"/> Yes <input type="checkbox"/> No on	Sediment Deposits: <input type="checkbox"/> Yes <input type="checkbox"/> No
Based on: <input type="checkbox"/> Soil temp (record temp) <input type="checkbox"/> Other (explain)	Drift Lines: <input type="checkbox"/> Yes <input type="checkbox"/> No	Drainage Patterns: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Depth of inundation: _____ inches	Oxidized Root (live roots) Channels <12in.: <input type="checkbox"/> Yes <input type="checkbox"/> No	Local Soil Survey: <input type="checkbox"/> Yes <input type="checkbox"/> No
Depth to free water in pit: _____ inches	FAC Neutral: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water-stained Leaves: <input type="checkbox"/> Yes <input type="checkbox"/> No
Depth to saturated soil: _____ inches	Other (explain):	
Check all that apply & explain below: <input checked="" type="checkbox"/> Stream, lake or gage data <input type="checkbox"/> Aerial photographs <input type="checkbox"/> Other		

**Wetland hydrology present?**  Yes  No

Rationale for decision/remarks: standing water supplied by stream

**SOILS**

Map Unit Name (Series and Phase) :

Drainage Class

Field observations confirm mapped type?  Yes  No

Taxonomy (subgroup)

**Profile Description**

Depth (inches)	Horizon	Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile ( <u>match description</u> )
0-16	A	4/10Y			Sand	

**Hydric Soil Indicators:** (check all that apply)

- |   |  |
|---|--|
| <input type="checkbox"/> Histosol                         | <input type="checkbox"/> Matrix chroma $\leq$ 2 with mottles                             |
| <input type="checkbox"/> Histic Epipedon                  | <input checked="" type="checkbox"/> Mg or Fe Concretions                                 |
| <input checked="" type="checkbox"/> Sulfidic Odor         | <input checked="" type="checkbox"/> High Organic Content in Surface Layer of Sandy Soils |
| <input type="checkbox"/> Aquic Moisture Regime            | <input type="checkbox"/> Organic Streaking in Sandy Soils                                |
| <input checked="" type="checkbox"/> Reducing Conditions   | <input type="checkbox"/> Listed on National/Local Hydric Soils List                      |
| <input type="checkbox"/> Gleyed or Low-Chroma (=1) matrix | <input type="checkbox"/> Other (explain in remarks)                                      |

**Hydric soils present?**  Yes  No

Rationale for decision/Remarks: Secondary conditions listed above

**Wetland Determination**

- |   |   |                             |
|---|---|-----------------------------|
| Hydrophytic vegetation present?         | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Hydric soils present?                   | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Wetland hydrology present?              | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Is the sampling point within a wetland? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

**Rationale/Remarks:****NOTES:**

Revised 4/97

## Data Form 2: Atypical Situations

Applicant Name: Project Name: Location:	Applicant No.: Plot No.: Date:
<b>A. VEGETATION:</b> <ol style="list-style-type: none"><li>1. Type of Alteration:</li><li>2. Effect on Vegetation:</li><li>3. Previous Vegetation (Attach documentation):</li><li>4. Hydrophytic Vegetation?    <input type="checkbox"/> Yes    <input type="checkbox"/> No</li></ol>	
<b>B. SOILS:</b> <ol style="list-style-type: none"><li>1. Type of Alteration:</li><li>2. Effect on Soils:</li><li>3. Previous Soils (Attach documentation):</li><li>4. Hydric Soils?            <input type="checkbox"/> Yes    <input type="checkbox"/> No</li></ol>	
<b>C. HYDROLOGY:</b> <ol style="list-style-type: none"><li>1. Type of Alteration:</li><li>2. Effect on Hydrology:</li><li>3. Previous Hydrology: (Attach documentation)</li><li>4. Wetland Hydrology?    <input type="checkbox"/> Yes    <input type="checkbox"/> No</li></ol> <p>Characterized By:</p>	