



June 12, 2020

Community Development Department  
Building and Planning Division  
PO Box 819  
Kelso, WA 98626

Re: Tybren Site Visit to Assess Road Upgrade Effects on Stream/Drainage Crossings

At the request of Mr. Aaron Fuller a site visit was made to Tybren Heights Road to assess the potential environmental impact to any wetland or streams anticipated with the resurfacing and widening of the existing road surface.

A review of the National Wetland Inventory (NWI) showed the potential existence of two (2) streams. A review of the NWI Wetland Mapper for listed wetlands was negative.

Findings:

1. Culverts located at at road stations 12+50, 15+50 and 18+50 were located 5 -10' below the roadway and all had a small flow of surface water runoff. A Western Washington Water Classification Worksheet was completed for each (see attached).
2. All three (3) streams should be classified as type Ns. All three (3) Ns streams subsequently enter the Coweeman river located approximately .65 miles to the west.
3. Vegetation and hydrology along the edges of the road did not indicate that the road surface passed through any wetlands from the end of the Class A road at station 7+00 until the project scope ends at station 35+75.

Conclusions:

1. Ns streams/culverts located at 12+50 and 15+50 are located outside the scope of work for this project and no disturbance is planned or anticipated.

2. **Ns Stream/culvert located at 18+50 will not be disturbed due to road widening/resurfacing.** There is ample road shoulder above the culvert to widen and surface without disturbing the stream bed below.
3. Cowlitz County Critical Areas Code 19.15.070 (C2) exempts maintenance, repair and reconstruction of private roads as long as there is no additional disturbance to critical areas or buffers.

Summary:

The existing surface of Tybren Heights Road has a base sufficient to allow it to be resurfaced and widened, according to the engineering plan submitted by Mr. Fuller, without any additional disturbance to critical areas identified.

Respectfully,

Bob Russell  
Russell Development, LLC  
PO Box 902  
Chehalis, WA 98532  
(360) 388-7997

# Western Washington Water Type Classification Worksheet

Stream/Segment ID: Tybre Hts - 12+50    Stream/Segment ID: Tybre Hts - 15+00    Stream/Segment ID: Tybre Hts - 18+50

Date Observed: 6/11/20    Date Observed: 6/11/20    Date Observed: 6/11/20

**1. Do you have a protocol survey? (See the Board Manual Section 13) Or, does the stream have waiver characteristics? (See WAC 222-16-031(3) (b) (ii))**

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> No. Continue.<br><input type="checkbox"/> Yes. Attach documentation or approved WTMF number:<br><hr style="width: 100%;"/> <input type="checkbox"/> Fish found. Stop.<br><input type="checkbox"/> No fish found. Go to 6. | <input checked="" type="checkbox"/> No. Continue.<br><input type="checkbox"/> Yes. Attach documentation or approved WTMF number:<br><hr style="width: 100%;"/> <input type="checkbox"/> Fish found. Stop.<br><input type="checkbox"/> No fish found. Go to 6. | <input checked="" type="checkbox"/> No. Continue.<br><input type="checkbox"/> Yes. Attach documentation or approved WTMF number:<br><hr style="width: 100%;"/> <input type="checkbox"/> Fish found. Stop.<br><input type="checkbox"/> No fish found. Go to 6. |
|---|---|---|

**2. Were fish observed or are fish known to use the stream any time of the year?**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Yes. Type F water. Stop.<br><input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> Yes. Type F water. Stop.<br><input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> Yes. Type F water. Stop.<br><input checked="" type="checkbox"/> No. Continue. |
|--|--|--|

**3. Is there an impoundment (ponded water) upstream of the assessed segment, that is greater than .5 acres?**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Yes. Type F water. Stop.<br><input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> Yes. Type F water. Stop.<br><input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> Yes. Type F water. Stop.<br><input checked="" type="checkbox"/> No. Continue. |
|--|--|--|

**4. Are there segments within or above the assessed portion of the stream where the average BFW is two feet or greater? AND the average stream gradient is less than or equal to 16%?**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Yes. Type F water. Stop.<br><input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> Yes. Type F water. Stop.<br><input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> Yes. Type F water. Stop.<br><input checked="" type="checkbox"/> No. Continue. |
|--|--|--|

**5. Are there segments within or above the assessed portion of the stream where the average BFW is two feet or greater? AND the average stream gradient is between 16% and 20%? AND, the contributing basin to the stream is greater than 50 acres?**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Yes. Type F water. Stop.<br><input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> Yes. Type F water. Stop.<br><input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> Yes. Type F water. Stop.<br><input checked="" type="checkbox"/> No. Continue. |
|--|--|--|

**6. Does the stream segment contain water at all times during a normal rainfall year?**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Yes. Type Np water. Go to 9.<br><input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> Yes. Type Np water. Go to 9.<br><input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> Yes. Type Np water. Go to 9.<br><input checked="" type="checkbox"/> No. Continue. |
|--|--|--|

**7. Is the stream segment downstream of a perennial source of water?**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Yes. Type Np water. Go to 9.<br><input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> Yes. Type Np water. Go to 9.<br><input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> Yes. Type Np water. Go to 9.<br><input checked="" type="checkbox"/> No. Continue. |
|--|--|--|

**8. Is the stream physically connected by an above-ground channel to Type S, F, or Np water?**

- |  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Yes, Type Ns water. Stop.<br><input type="checkbox"/> No, non-typed water. | <input checked="" type="checkbox"/> Yes, Type Ns water. Stop.<br><input type="checkbox"/> No, non-typed water. | <input checked="" type="checkbox"/> Yes, Type Ns water. Stop.<br><input type="checkbox"/> No, non-typed water. |
|--|--|--|

**9. Describe how you determined the uppermost point of perennial flow. Include a description of its location and show the point on a map (Use a separate piece of paper if necessary).**

Stream/Segment ID \_\_\_\_\_ Description: \_\_\_\_\_



# *Certificate of Completion*

**“Using the Revised Washington State Wetland Rating System (2014) in Western Washington”**

**Instructors: Amy Yahnke, Zach Meyer**

**March 20-21, 2019, Lacey – 12 Hours**

**This Certificate is awarded to**

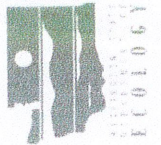
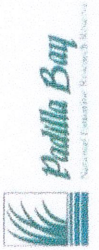
*Robert Russell*

3/22/19

Date

M. Cathy Angell, Coastal Training Program Coordinator

*M. Cathy Angell*



# Richard Chinn Environmental Training, Inc.

certifies that

**Robert Russell**

has successfully completed a

## 38 Hour Army Corps of Engineers Wetland Delineation Training Program

issued Certificate No. 8340 and 3.8 CEUs, March 5 - 8, 2018, in Seattle, Washington

This course is pre-approved by the Society of Wetland Scientists Professional Certification Program to provide 2.5 Training Credits and/or Points.

  
Richard Chinn, PWS

Richard Chinn Environmental Training, Inc.

804 Cottage Hill Way, Brandon, FL 33511-8098

813.655.7549 • FAX: 813.354.4659 • [info@richardchinn.com](mailto:info@richardchinn.com) • <http://www.richardchinn.com>

This training has been listed in part on the U. S. Army Corps of Engineers Wetlands Delineation Manual Technical Report Y-87-1 (1987 manual), as provided for in the training materials developed in conjunction with section 307(e) of the Water Resources Development Act of 1990 for the Wetland Delineator Certification Program.

