



RUSSELL
DEVELOPMENT LLC.

October 30, 2020

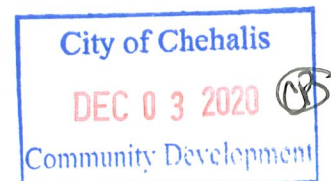
Aquatic Assessment

215 N Hamilton Road
PARCEL #017896002000, 017896006015, 017896006001

Section 15 Township 13N Range 2W

Prepared for:

Fuller Designs
1101 Kresky Ave.
Centralia, WA 98531



SEPA-20-0007



October 30, 2020

Chehalis City Building Permits
Attn: Ms. Tammy Baraconi
1321 S Market Blvd
Chehalis, WA 98532

Re: Aquatic Assessment - 215 N Hamilton Road, Parcels 017896002000, 017896006015,
017896006001

Dear Ms. Baraconi,

At the request of Mr. Aaron Fuller, Fuller Designs, I made a site visit to 215 N Hamilton Road (ie. Stihl NW) on October 30, 2020 to complete an Aquatic Assessment of three (3) parcels listed above. Mr. Fuller's client is purchasing the site from Stihl NW, desires to utilize all of their future property, and questions the existence of a Type F stream shown on the west boundary to the property listed.

Current Conditions:

Parcel 017896002000 (site of Stihl NW) fronts Hamilton Road and Interstate 5, with parcels 017896006015 and 017896006001 located behind the existing building. A stem of Berwick creek appears to approach and cross under I-5 from the east. Once in the median, this stem of Berwick creek turns north and runs for approximately 1200' where it rejoins Berwick Creek.

Although a stem of Berwick Creek is shown on GIS maps as crossing Hamilton Road and continuing behind 215 Hamilton Road, **there is no evidence that a Type F stream, or an Ns or Np stream, has existed since as far back as 2003** (refer to historical photos on GIS photos on Lewis County Pats).

Methodology:

Aquatic Assessment - GIS review, followed by a site visit, and aquatic assessment was conducted on 10/30/20. A Washington Water Classification worksheet has been included in this report as well as photos confirming that a stem of Berwick Creek does not cross Hamilton road and through the affected property.

Data and Results for Aquatic Assessment:

Field observations, WA Aquatic Assessment, GIS maps and photos, and on-site photographs confirm that a **Type F stream does not exist** on the listed parcels (**see attachments**) .

Additionally, a review of historical GIS photographs on Lewis County Pats indicates that the stem of Berwick Creek in question has not existed as far back as 2003. .

Field observations confirmed that water does collect in the median between I-5 and Hamilton road, but there does not appear to be any path of flow under Hamilton Road and along the south side of the Stihl NW property. It does appear that water collected in the medium flows north and rejoins Berwick Creek approximately 1200' to the north (**See GIS attachments**)

Site inspection also revealed remnants of a historical ditch located on the west side of the parcels listed, running from the SW corner to the NW corner, but this ditch begins at the edge of a road and empties into a low spot of ground in the NW corner. There is not inlet or outlet flow from this ditch. The undefined ditch currently divides the Stihl NW parcels listed and their industrial neighbor to the west. This ditch can be abandoned and filled as it serves no ecological or useful function.

Conclusions:

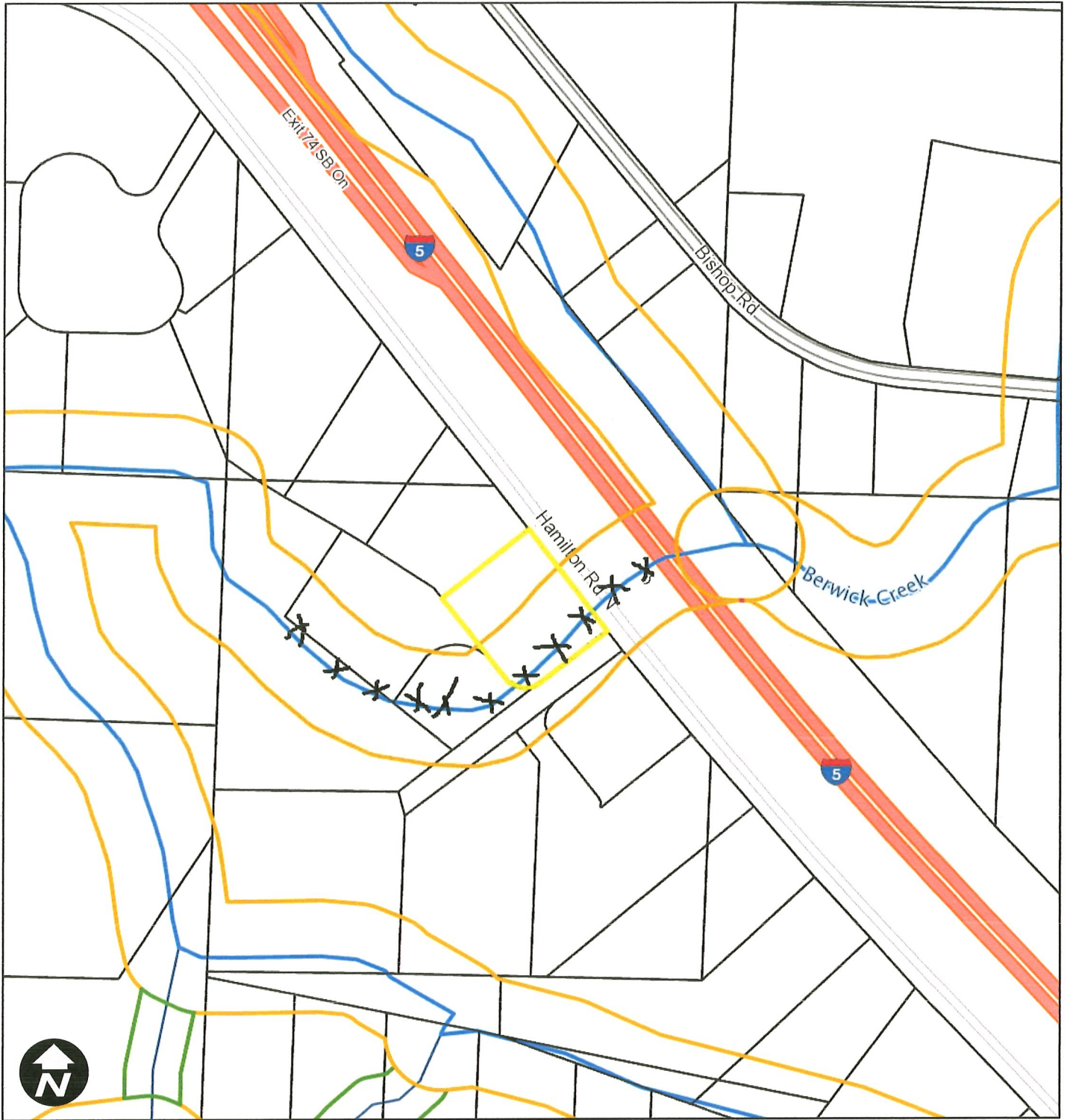
After document review and on-site visit it has been determined that no Type F stream (or Ns or Np stream) exists across any of the three (3) parcels listed above. It appears that the stem of Berwick Creek shown on GIS maps as a Type F stream has not existed at least as far back as 2003.

The existing ditch on the west border of these three (3) parcels has no means for water to flow into it on the SW corner of the property and no exit on the NW corner of the property. The ditch serves no function and can be abandoned and filled without any adverse ecological effects.

Respectfully,

Bob Russell

Lewis County GIS Web Map



10/31/2020, 7:54:43 AM

1:4,514

Search Results: Parcels

Override 1

Stream Buffers

Shoreline 150'

Fish 150'

Non-Fish 75'

Parcels

Watercourse

Shoreline, Fish

Non-Fish

Unclassified

Waterbody

Shoreline, Fish

Non-Fish

Unclassified

0 205 410 820 ft

NAD 1983 StatePlane Washington South FIPS 4602 Feet



Lewis County does not guarantee the accuracy of the information shown on this map and is not responsible for any use or misuse by others regarding this material. It is provided for general informational purposes only. This map does not meet legal, engineering, or survey standards. Please practice due diligence and consult with licensed experts before making decisions.

Lewis County GIS Web Map



10/31/2020, 7:59:29 AM

1:9,028

Search Results: Parcels

Override 1

Stream Buffers

Shoreline 150'

Fish 150'

Non-Fish 75'

Parcels

Watercourse

Shoreline, Fish

Non-Fish

Unclassified

Waterbody

Shoreline, Fish

Non-Fish

Unclassified

0 400 800 1,600 ft

NAD 1983 StatePlane Washington South FIPS 4602 Feet



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Western Washington Water Type Classification Worksheet

Stream/Segment ID: D1 Stream/Segment ID: _____ Stream/Segment ID: _____

Date Observed: 10/30/20 Date Observed: _____ Date Observed: _____

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. | <input type="checkbox"/> No. Continue. | <input type="checkbox"/> No. Continue. |
| <input type="checkbox"/> Yes. Attach documentation or approved WTMF number: _____ | <input type="checkbox"/> Yes. Attach documentation or approved WTMF number: _____ | <input type="checkbox"/> Yes. Attach documentation or approved WTMF number: _____ |
| <input type="checkbox"/> Fish found. Stop. | <input type="checkbox"/> Fish found. Stop. | <input type="checkbox"/> Fish found. Stop. |
| <input type="checkbox"/> No fish found. Go to 6. | <input type="checkbox"/> No fish found. Go to 6. | <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. | <input type="checkbox"/> Yes. Type F water. Stop. | <input type="checkbox"/> Yes. Type F water. Stop. |
| <input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> No. Continue. | <input 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. | <input type="checkbox"/> Yes. Type F water. Stop. | <input type="checkbox"/> Yes. Type F water. Stop. |
| <input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> No. Continue. | <input 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. | <input type="checkbox"/> Yes. Type F water. Stop. | <input type="checkbox"/> Yes. Type F water. Stop. |
| <input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> No. Continue. | <input 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. | <input type="checkbox"/> Yes. Type F water. Stop. | <input type="checkbox"/> Yes. Type F water. Stop. |
| <input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> No. Continue. | <input 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. | <input type="checkbox"/> Yes. Type Np water. Go to 9. | <input type="checkbox"/> Yes. Type Np water. Go to 9. |
| <input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> No. Continue. | <input 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. | <input type="checkbox"/> Yes. Type Np water. Go to 9. | <input type="checkbox"/> Yes. Type Np water. Go to 9. |
| <input checked="" type="checkbox"/> No. Continue. | <input type="checkbox"/> No. Continue. | <input type="checkbox"/> No. Continue. |

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

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



View from Hamilton Road west up the south property line. No evidence of Type F stream is visible.



View south along the west property line. The remnants of this ditch begin and end along this west property line. There is no evidence of any type of stream.



North view along the west property line. There is not inlet or outlet to this in defined ditch.



This view is looking North into the NW corner of the parcels of interest. The corner stake is visible, and it is clear that the ditch terminates into the NW corner where there is no outlet.



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



M. Cathy Angell

M. Cathy Angell, Coastal Training Program Coordinator

3/22/19

Date

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 • <http://www.richardchinn.com>

This training has been based 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.

