

STATE OF WASHINGTON  
**DEPARTMENT OF FISH & WILDLIFE**  
**LANDS AND RESTORATION SERVICES PROGRAM**  
Salmonid Screening, Habitat Enhancement &  
Restoration Division (SSHEAR)

**OFF-CHANNEL SITE INVENTORY DATA**

**General Information:**

<b>Region:</b> North Coast	<b>Observer(s):</b> Nettnin
<b>River System:</b> Sol Duc	<b>Date:</b> 2/18/98
<b>Site Identifier:</b> S-313R-13	<b>WRIA:</b> 20.0313N (P)
<b>River Mile Location:</b> 1.8	<b>RB/LB:</b> RB
<b>Local Name:</b> Unnamed	<b>Trib. to:</b> Lake Creek (20.0313)
<b>Legal Description:</b> SW¼ Sec 34 T30N R13W	<b>County:</b> Clallam
<b>Habitat Type:</b> Valley Wall Trib	
<b>Landowner:</b> <input type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private	
- Possibly RTOC	
- Department of Natural Resources	
- Possible other private ownership	

**Directions to site:**

Travel north from Forks on Highway 101 to the T-line intersection (left at MP 198.1). Turn left off the highway then right at the 4-way junction (100 ft). Continue up the road for 1.8 miles (a key for the gate can be obtained at the RTOC office in Forks) to a junction at the bottom of the steep pitch. Walk upstream along the RB of Lake Creek crossing S-313R-11 and S-313R-12 (these merge a few meters before entering Lake Creek) to the next RB tributary. S-313R-13 flows into Lake Creek on a sharp meander. Location identifiers are a sharp cut bank on the RB and a gravel point bar, electric fence across Lake Creek and fields on the LB.

**Site Overview:**

This intermittent valley wall tributary drains approximately 40 acres of forest land on the southeast face of Tye Ridge. This area was logged leaving little or no riparian buffer. The gradient of the stream is steep (14 - 25% in 120 m). It does produce a good quality and quantity of gravel for Lake Creek. There is probably some trout use in the lower 50 m reach.

**Habitat Information:**

**Water source:** Surface runoff

**Intermittent/year-around:** Intermittent

**Estimated flows (cfs):** Lower end: 0.05 - 0.08 Upper end: Unknown

**Water temperatures:** Lower end: 10.0°C Upper end: Unknown

**Adjacent stream temperature (Lake Creek):** 12.0°C

**Other water observations:** Clear water

**Site area measurements:**  Indirect  Direct  Combination

Widths: Channel- 1 - 2 m Ponds- NA Wetlands- NA

Depths: Channel- 2 - 4 cm Ponds- NA Wetlands- NA

Total length surveyed (includes ponds and wetlands): 120 m

**Total existing habitat area (est.):** 180 m<sup>2</sup>

Spawning area: 5 m<sup>2</sup>

Impounded area: 0 m<sup>2</sup>

Other rearing area: 175 m<sup>2</sup>

**Spawning Habitat conditions:**  None  Poor  Fair  Good  Excellent

**Describe spawning habitat:**

- A large percentage of the substrate is larger gravel to rubble.
- There is some quality gravel suitable for trout spawning.
- The stream habitat is conducive to trout than for coho.

**Rearing habitat conditions:**  None  Poor  Fair  Good  Excellent

**Describe pond and other rearing habitat:**

- There is no pond habitat associated with this channel.
- There are limited pools and riffles that provide good trout and some coho rearing habitat in the lower 50 m reach. Above this reach, there is a three meter falls. Passage is doubtful since there is no plunge pool.

**Describe unaccessible habitat:**

- The gradient above the falls is between seven and nine percent and mostly riffle. As the fill in the old grade blows out, this reach will degrade and steepen.
- Anything above the limits of trout continues to be steep.

**Describe wetland:**  Bog  Marsh  Scrub-shrub Wetland  Forested Wetland

- There are no associated wetlands to this channel.

**Flooding potential:**  Low  Medium  High

- The system is subject to flashy flows from within and not from river flooding.

**Fish Information:**

**Site entry condition to Lake Creek:**  Poor  Fair  Good

**Coho access and use:**

Juvenile-  Unknown  None  Poor  Fair  Good

Adult-  Unknown  None  Poor  Fair  Good

**Other species access and use:**  Chum  Pink  Sockeye  Chinook  Trout

- It is unknown if fish use this stream, none were observed.

**Habitat Improvements:**

**Enhancement opportunities:**

Possible project type:

- Maintain the integrity of the stream.

Equipment access: No access

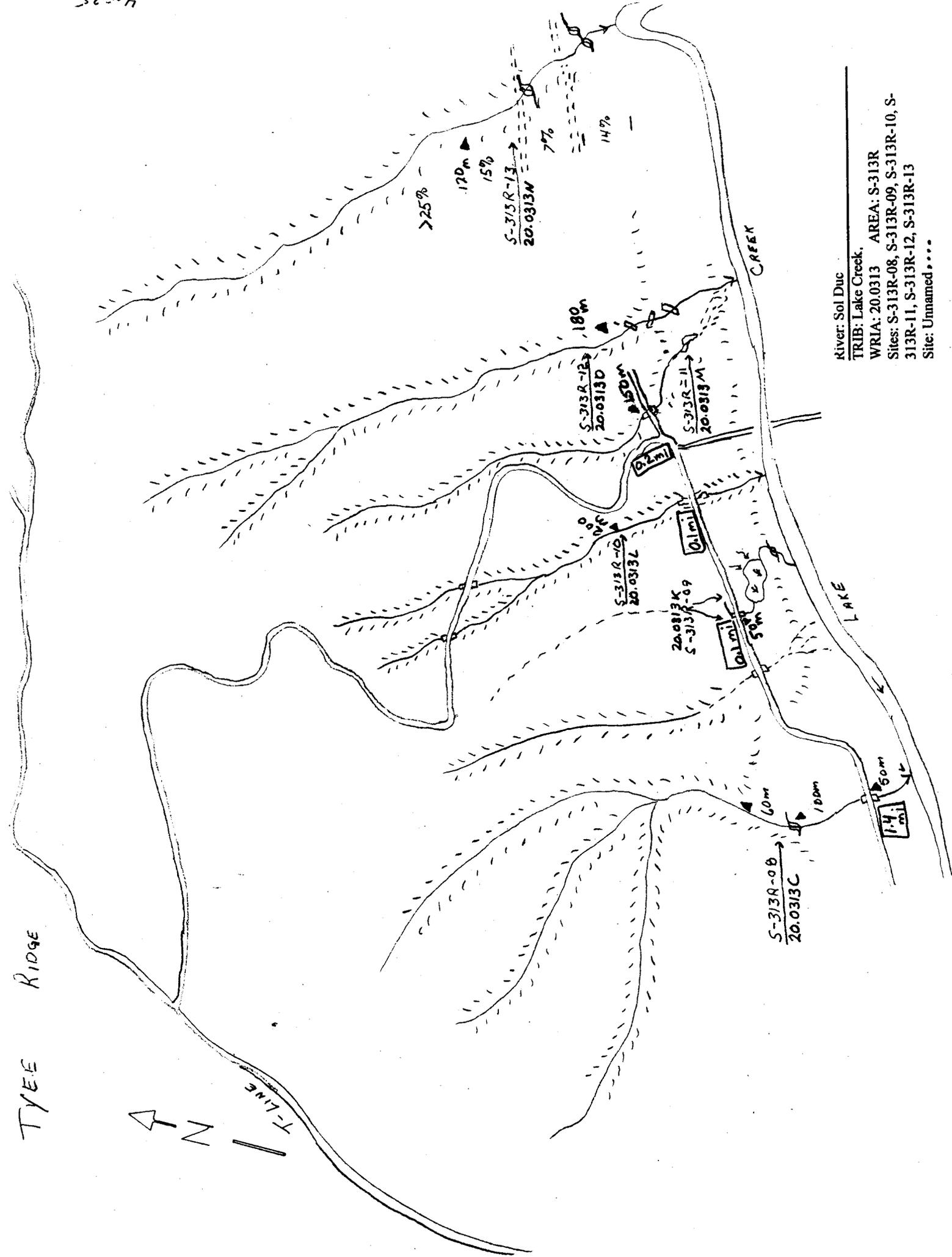
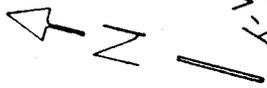
**Additional Comments:**

**Attachments Available:**

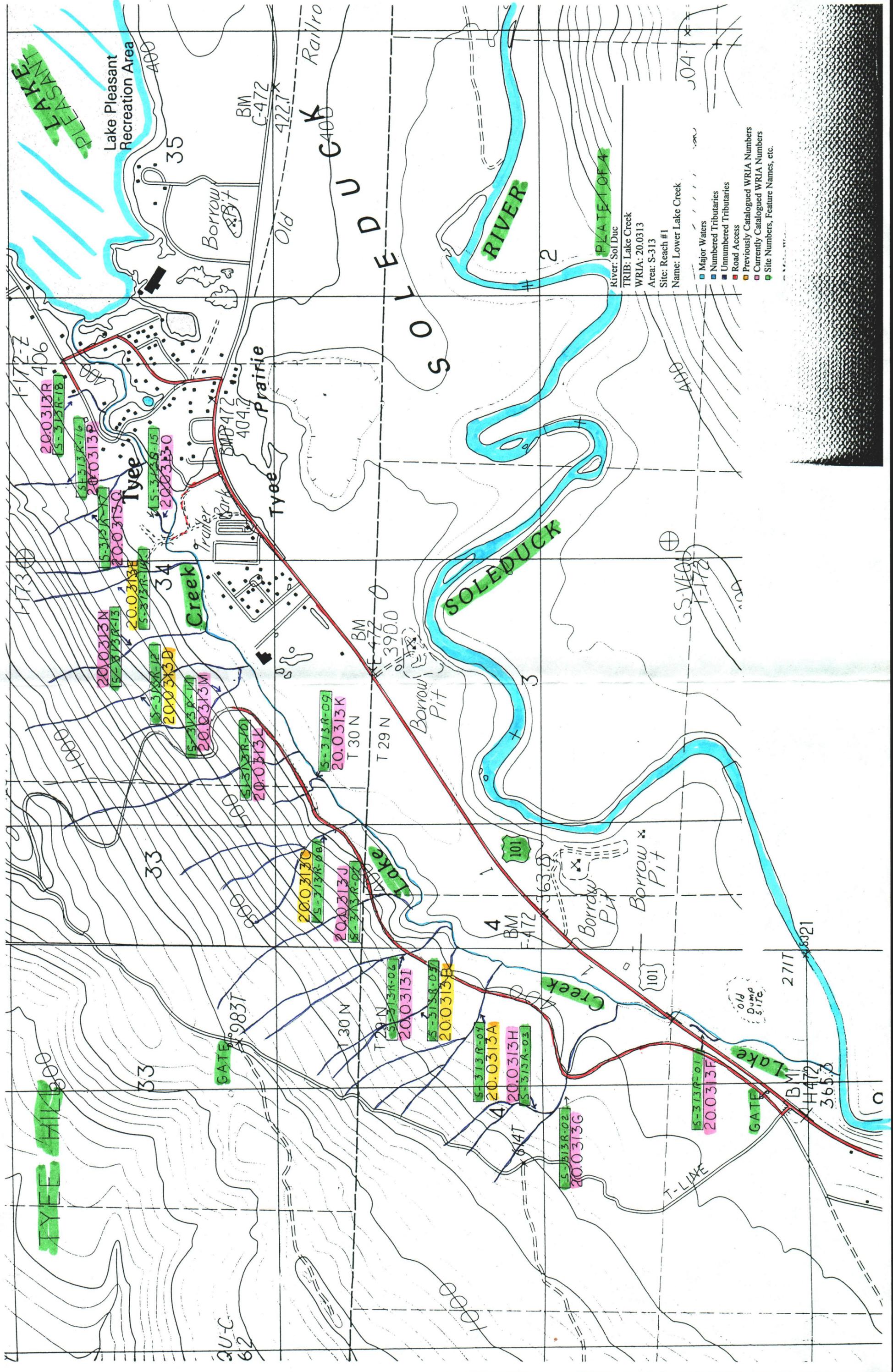
**Contact respective SSHEAR habitat biologist for the following checked items:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Aerials          | <input checked="" type="checkbox"/> Sketch | <input checked="" type="checkbox"/> Maps   | <input type="checkbox"/> Culvert Report |
| <input type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys  | <input type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |

TYEE RIDGE



River: Sol Duc  
 TRIB: Lake Creek.  
 WRIA: 20.0313 AREA: S-313R  
 Sites: S-313R-08, S-313R-09, S-313R-10, S-313R-11, S-313R-12, S-313R-13  
 Site: Unnamed.....



- Major Waters
- Numbered Tributaries
- Unnumbered Tributaries
- Road Access
- Previously Catalogued WRIA Numbers
- Currently Catalogued WRIA Numbers
- Site Numbers, Feature Names, etc.

River: Lake Creek  
 WRIA: 20.0313  
 Area: S-313  
 Site: Reach #1  
 Name: Lower Lake Creek

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271T  
 365.0

BM  
 472  
 365.0

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 472  
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