

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:

**Region:** North Coast **Observer(s):** Powell  
**River System:** Sol Duc **Date:** 3/6/98  
**Site Identifier:** S-311R-01 **WRIA:** 20.0311A  
**River Mile Location:** 0.3 mi (hip chained) **RB/LB:** RB  
**Local Name:** East Creek **Trib. to:** 20.0311  
**Legal Description:** SE¼ Sec12 T29N R13W **County:** Clallam  
**Habitat Type:** Lower valley wall tributary  
**Landowner:** (X) Federal ( ) State ( ) County ( ) Other Government (X) Private  
- Hancock Timber  
- National Forest

**Directions to site:**

Starting at Forks (Tillicum Park), drive north on Highway 101 for 5.3 miles (mp 197). Take a right on Maxfield Road and follow 0.65 mi to the logging road gate. A key to the gate can be obtained at the Rayonier Timber Office or DNR. The road will have a left turn at 0.1 miles beyond gate. Take the left and follow for 1.4 miles and there will be a steep, uphill road to the right. Take the right and follow for 0.6 miles and there will be another gate - same key will work for this gate. Go through the gate and follow in the east direction for 0.9 miles. The road will split at this point. Take the right (B2100) and go down hill for 1.0 mile. The road will split, continue straight (B2130) in the south direction. Follow B2130 for 0.55 miles. This bridge crossing is S-311R-01.

**Site Overview:**

This channel sources in a high gradient conifer forest and experiences occasional flushing flows. As the channel gradient flattens, the RMZ becomes alder with heavy brush along the sides of the channel. Past winter storms have littered the mid reach of the channel with numerous blown down trees and broken alder tops. There is some limited spawning area in the lower reach.

Habitat Information:

**Water source:** Tributaries and terrace runoff

**Intermittent/year-around:**  
- Year-around

**Estimated flows (cfs):** 2+

**Water temperatures:** 5° C

**Adjacent stream temperature:** 5° C (20.0311)

**Other water observations:**

**Site area measurements:**  Indirect  Direct  Combination

Widths: Channel- 1.0 m - 1.5 m Ponds- NA Wetlands- NA

Depths: Channel- 8 cm - 20 cm Ponds- NA Wetlands- NA

Total length (includes ponds and wetlands): 805+ m (trout habitat above end point)

**Total existing habitat area (est.):** 1006+ m<sup>2</sup>

Spawning area: 320 m<sup>2</sup>

Impounded area: 0

Other rearing area: 686 m<sup>2</sup>

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

**Describe spawning habitat:**

- The spawning area is limited and has varying amounts of gravel/rubble.
- The spawning area is located in the lower reach.
- There are varying amounts of fine sediment throughout the channel length.
- The channel has a large amount of blown down alder in the mid reach.

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

**Describe pond and other rearing habitat:**

- This channel experiences flushing flows.
- Adjacent clear-cuts coupled with past winter storms have caused many alders to fall into the mid-reach of the channel.
- There is also cover of LWD, overhang and heavy brush along the edges of the channel.
- The upper channel is conifer dominant forest and the channel has a step/pool profile.
- This channel probably provides summer habitat.

**Describe unaccessible habitat:**

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

**Flooding potential:**  Low  Medium  High

**Fish Information:**

**Site entry condition to (Shuwah Cr. 20.0311):**  Poor  Fair  Good

- The channel has a braided egress.

**Coho access and use:**

Juvenile-  Unknown  None  Poor  Fair  Good

Adult-  Unknown  None  Poor  Fair  Good

- The Quileute Tribe assumes no coho spawning in this channel.

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

- Resident trout would likely use this channel.

**Habitat Improvements:**

**Enhancement opportunities:**

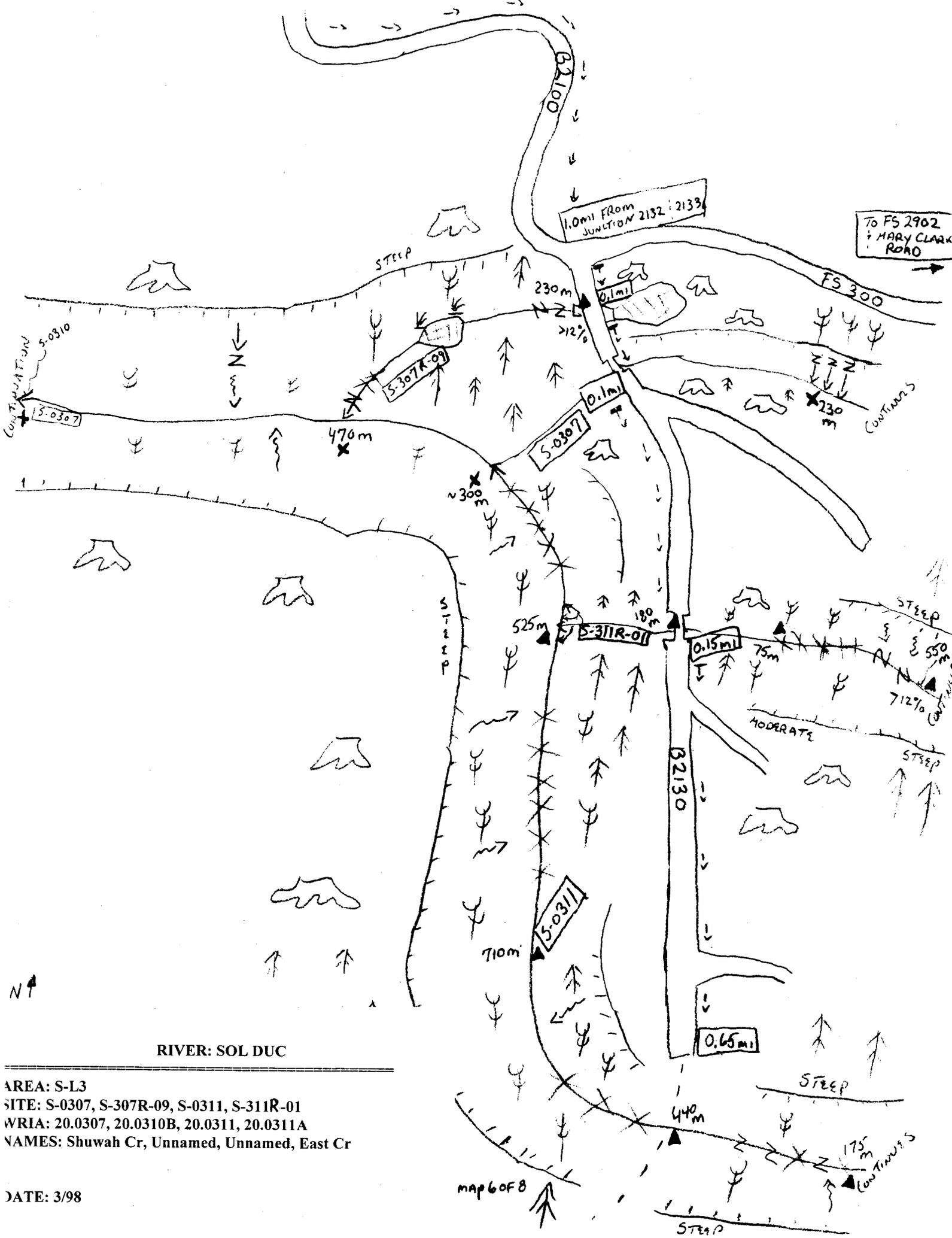
- None recommended.

**Additional Comments:**

**Attachments Available:**

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

- |   |  |  |   |
|---|--|--|---|
| <input checked="" 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 |



RIVER: SOL DUC

AREA: S-L3  
 SITE: S-0307, S-307R-09, S-0311, S-311R-01  
 WRIA: 20.0307, 20.0310B, 20.0311, 20.0311A  
 NAMES: Shuwah Cr, Unnamed, Unnamed, East Cr

DATE: 3/98

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