

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:** 4/1/98  
**Site Identifier:** S-308R-02 **WRIA:** 20.0309 B (P)  
**River Mile Location:** 0.94 mi (hip chained) **RB/LB:** RB  
**Local Name:** Unnamed **Trib. to:** Maxfield Cr (20.0308)  
**Legal Description:** SE¼ Sec15 T29N R13W **County:** Clallam  
**Habitat Type:** Lower valley wall tributary  
**Landowner:**  Federal  State  County  Other Government  Private  
- Bloedel Timber

**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. Continue straight (crossing Shuwah Cr.) for 0.4 mi and turn to the right. Continue following the road for 0.9 mi. At this point, the road will dead end at the left but continues on (going uphill) to the right. Follow the road uphill for 0.15 mi. The RMZ to this channel can be seen looking southeast (left). Walk down clear-cut to channel.

**Site Overview:**

This is a moderate to a high gradient channel that experiences occasional flushing flows and offers limited rearing opportunities for coho. There are varying amounts of gravel/rubble/boulder/fine sediment in the substrate. This stream is more characteristically a cutthroat stream.

Habitat Information:

**Water source:** Tributaries and terrace runoff

**Intermittent/year-around:**  
- Maybe intermittent

**Estimated flows (cfs):** 0.25 - 0.35

**Water temperatures:** 6.0° C

**Adjacent stream temperature:** 6.0° C (20.0308)

**Other water observations:**  
- Water is clear.

**Site area measurements:**  Indirect  Direct  Combination

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

Depths: Channel- 7.5 cm - 15 cm Ponds- NA Wetlands- NA

Total length (includes ponds and wetlands): 310 +m (limited trout habitat above end point)

**Total existing habitat area (est.):** 387+ m<sup>2</sup>

Spawning area: 75 m<sup>2</sup>

Impounded area: 0

Other rearing area: 312 m<sup>2</sup>

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

**Describe spawning habitat:**

- The substrate varies in the amount of gravel/fine sediment/rubble/boulders.
- Some spawning gravel in the lower reach.
- Spawning habitat is more conducive to cutthroat trout.

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

**Describe pond and other rearing habitat:**

- This is a higher gradient channel that experiences occasional flushing flows.
- There is overhead cover of brush and alder.
- There is instream cover of LOD and overhang.
- The RMZ is blown down in the mid reach.
- The upper reach is incised and has a step/pool profile.

**Describe unaccessible habitat:**

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

**Flooding potential:**  Low  Medium  High

**Fish Information:**

**Site entry condition to (Maxfield Cr. 20.0308):**  Poor  Fair  Good

- The channel has an open egress into a rubble/boulder straight stretch of Maxfield Cr.

**Coho access and use:**

Juvenile-  Unknown  None  Poor  Fair  Good

Adult-  Unknown  None  Poor  Fair  Good

- Juveniles may utilize the lower reach during certain times of year.

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

- Observed small salmonids in upper reach. I assumed they were trout fry.

**Habitat Improvements:**

**Enhancement opportunities:**

- None recommended.

**Additional Comments:**

**Attachments Available:**

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

Aerials

Sketch

Maps

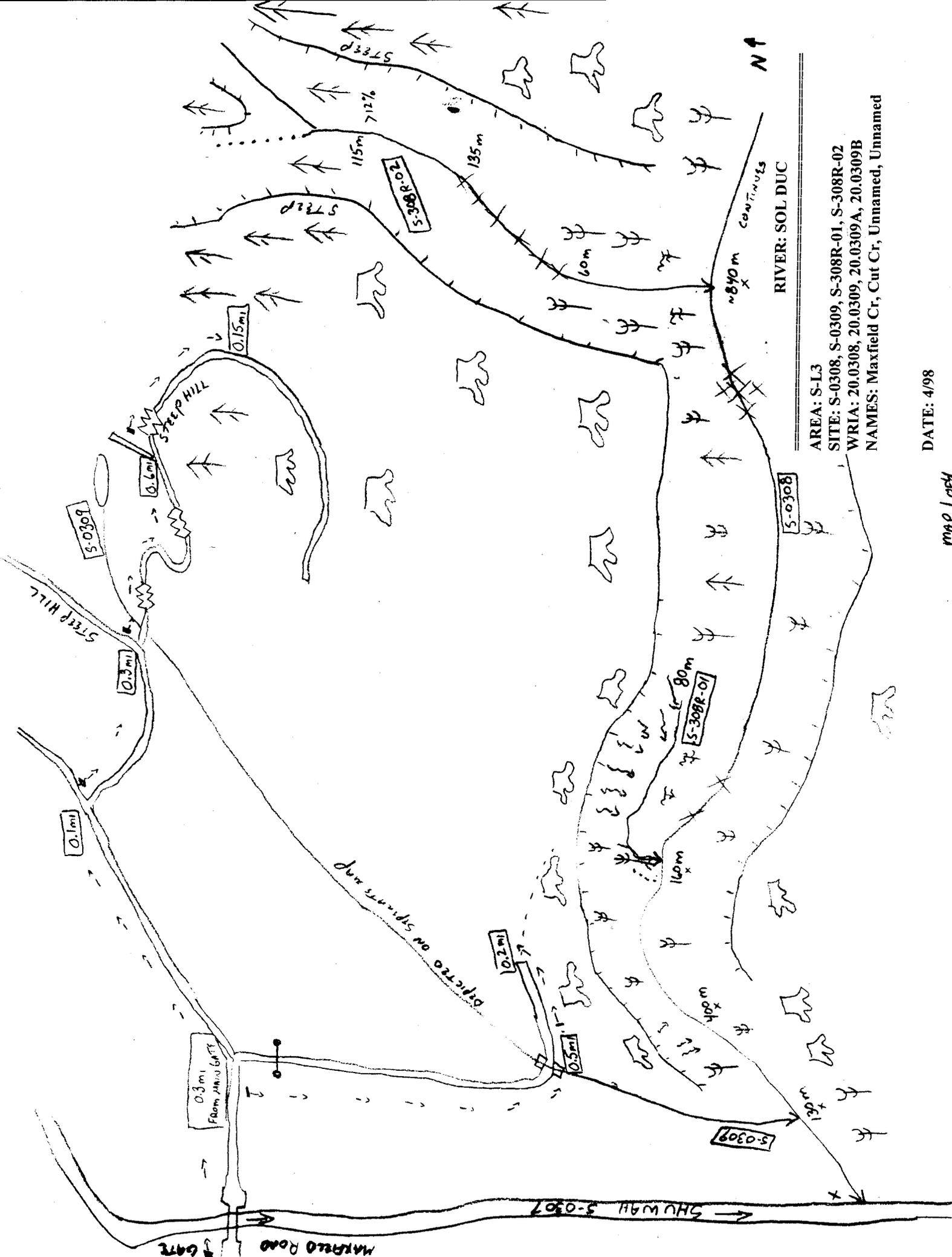
Culvert Report

Other references

Spawning surveys

Juvenile trapping

Fishway Report



AREA: S-L3  
 SITE: S-0308, S-0309, S-308R-01, S-308R-02  
 WRIA: 20.0308, 20.0309, 20.0309A, 20.0309B  
 NAMES: Maxfield Cr, Cut Cr, Unnamed, Unnamed

DATE: 4/98

map/dwh



RIVER: SOL DUC RIVER

AREA: S-L3

AREA MAP

9/96

