

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
HABITAT 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 River **Date:** 5/14/96
Site Identifier: S-L4-05 **WRIA:** 20.0323C
River Mile Location: 31.1 mi **RB/LB:** LB
Local Name: Unnamed **Trib. to:** 20.0096
Legal Description: SW $\frac{1}{4}$ Sec30 T30N R12W **County:** Clallam
Habitat Type: Wall base channel
Landowner: Federal State County Other Government Private
- Washington Department of Natural Resources

Directions to site: Go north from Forks on HWY 101 for about 11.0 miles. This is the first of two bridges that cross the Sol Duc River in this area. Park on the east side of the bridge, and a swale will be noticeable looking downstream. This swale leads to S-L4-05.

Site Overview: This short channel is fed by numerous springs emanating from the steep left bank. It would offer limited refuge during high water events.

Habitat Information:

Water source:
- Springs

Intermittent/year-around:
- Year-around

Estimated flows (cfs): 0.75 - 1.0

Water temperatures: 8°C

Adjacent stream temperature: 8°C (20.0096)

Other water observations:

Site area measurements: Indirect Direct Combination
Width: Channel- 0.3 - 1.3 m
Depth: Channel- 10 cm - 1m
Total length surveyed: 25 m

Total existing habitat area (est.): 20 m²
Spawning area: 0 m²
Impounded area: 0 m²
Other rearing area: 25 m²

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- Silt with some gravel.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- This channel could offer limited refuge during high water.
- There is cover of small woody debris and brush, and a canopy of alder, vine maple and conifers.

Unaccessible habitat:

- None.

Wetland information: Bog Marsh Scrub-shrub Wetland Forested Wetland

- None.

Flooding potential: Low Medium High

- Channel could backwater.

Fish Information:

Site entry condition to : Poor Fair Good

- The egress has an eddy due to LOD, but it is located in a swift bend.

Coho access and use: Juvenile- Unknown None Poor Fair Good
Adult- Unknown None Poor Fair Good

Other species access and use: Chum Pink Sockeye Res. trout Trout

- Resident trout could utilize this small channel.

Habitat Improvements:

Enhancement opportunities:

- Dry swale continues above wetted portion of the channel to HWY 101.
- This channel could possibly be extended.

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

DATE: 8-22-96

OBSERVER: Powell

There was ~1/2+ cfs flowing from the lower end; most of this emanated from the wall 10 - 15 m from the egress. Water was 9° C. This has been a drier than normal summer.

RIVER: SOL DUC

AREA: S-L4

SITES: S-L4-03, S-L4-04, S-L4-05

WRIA: 20.0323A, 20.0323B, 20.0323C

NAMES: Pavel Sp., Unnamed, Unnamed

DATE: 5/96



