

**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:** 4/22/99
Site Identifier: S-329L-12 **WRIA:** 20.0334O (P)
River Mile Location: 0.16 **RB/LB:** LB
Local Name: Unnamed **Trib. to:** S-329L-11
Legal Description: SW¼ Sec10 T30N R11W **County:** Clallam
Habitat Type: Valley wall tributary
Landowner: (X) Federal () State () County () Other Government () Private
- National Forest, USFS

Directions to site:

Starting at Forks (Tillicum Park), drive north on Highway 101 for 16.3 miles (mp 208) to West Twin Road (FS 30 Road). Take a left on this road and follow for 5.5 miles. There is a right-hand pullout where the old grade intersects. Walk the short distance up the grade to the culvert crossing Bear Creek. S-329L-11 is upstream about 250 meters on the left bank. Follow S-329L-11 upstream for 255 meters; S-329L-12 is the left bank tributary. An easier route may be to walk up the old grade to a small, perched culvert. This channel is upstream 60 meters from the culvert.

Site Overview:

This is a moderate to high gradient channel that experiences flushing flows. The channel is incised and has sloughing slopes. There is a mature conifer overstory but the channel lacks large woody debris and pools. The physical characteristics of the stream are more conducive to resident trout if flows are not limiting.

Habitat Information:

Water source: Tributaries and surface runoff

Intermittent/year-around:

- Probably intermittent

Estimated flows (cfs): 0.33

Water temperatures: 7° C

Adjacent stream temperature: 7° C (S-329L-11)

Other water observations:

Site area measurements: () Indirect (X) Direct () Combination

Widths: Channel- 1 m - 1.3 m Ponds- NA Wetlands- NA

Depths: Channel- 2 cm - 10 cm Ponds- NA Wetlands- NA

Total length (includes ponds and wetlands): 480 m

Total existing habitat area (est.): 480 m²

Spawning area: 100 m²

Impounded area: 0 m²

Other rearing area: 380 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- Gravel is in patches.
- Small areas of gravel are more conducive to resident trout.
- There is a high silt component to this channel.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- There is a lack of woody debris and associated pools with this channel.
- There is cover provided by overhang.
- The riparian area is mature conifer.
- The gradient becomes increasingly steep.
- The steep banks are sloughing in several areas along this channel.

Describe unaccessible habitat:

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

Flooding potential: Low Medium High

- This channel appears to have flushing flows.

Fish Information:

Site entry condition to (S-329L-11): Poor Fair Good

- Open egress.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Perched culvert on S-329L-11 is an anadromous barrier.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Limited trout usage due to few pools in this channel.

Habitat Improvements:

Enhancement opportunities:

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 checked="" type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys | <input type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |

TRIB: Bear Creek - 20.0329 (13 of 15)

AREA: S-R6

SITE: S-0329, S-329L-09, S-329L-10, S-329L-11, S-329L-12,

S-329R-12, S-329R-13

WRIA: 20.0329, 20.0334L, 20.0334M, 20.0334N, 20.0334O,

20.0334P, 20.0332Q

NAMES: Bear Cr (RM 8.47 - RM 9.15), Pretty Cr, Unnamed

Yikes Cr, Unnamed, Unnamed, Unnamed

DATE: 4/99



