

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:** 5/12/98
Site Identifier: S-320R-02 **WRIA:** 20.0321 C (P)
River Mile Location: 3 mi (hip chained) **RB/LB:** RB
Local Name: Unnamed **Trib. to:** Bockman Cr (20.0320)
Legal Description: NE¼ Sec08 T29N R12W **County:** Clallam
Habitat Type: Lower valley wall tributary
Landowner: (X) Federal () State () County () Other Government () Private
- National Forest

Directions to site:

Starting at Forks (Tillicum Park), drive north on Highway 101 for 11.4 miles (mp 203) to Mary Clark Road. Take a right on this road and follow for 1 mile and there will be a road to the right. Take a right on this road (FS 2902). Follow this road for 1.2 miles. The road to the left is the FS 2903. Follow FS 2903 for 1 mile. There will be a grade to the right; walk on this grade. The first encountered channel has been ditched but the puncheon has been left (this is the top end of S-0321). In close proximity is left bank fork of S-0321 (culvert is in place). Cross the channel and continue following the grade to a culvert crossing (~0.4 mi). This is the upper reach of S-320R-02.

Site Overview:

This is a moderate to a high gradient channel that experiences flushing flows and offers limited rearing opportunities. The channel flows through brush and blow-down then into a conifer/alder stand. It has a gravel/silt substrate in its lower reach that becomes increasingly more rubble as the gradient climbs. This stream is more characteristically a cutthroat stream.

Habitat Information:

Water source: Terrace runoff

Intermittent/year-around:

-Intermittent

Estimated flows (gpm): 25 - 40 (lower reach was dry during the initial survey)

Water temperatures: 9.5° C

Adjacent stream temperature: 8.5° C (20.0320)

Other water observations:

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

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

Depths: Channel- 2.5 cm - 10 cm Ponds- NA Wetlands- NA

Total length (includes ponds and wetlands): 600 m

Total existing habitat area (est.): 660 m²

Spawning area: 200 m²

Impounded area: 0

Other rearing area: 460 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The lower reach has gravel with a high component of fine sediment.
- The mid and upper reaches have a substrate that is mostly rubble with varying amounts of gravel.
- Spawning habitat is more conducive to resident trout.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- This channel offers limited amount of rearing opportunity due to flushing flows.
- The channel has a canopy of alder and some conifer. The channel has brush along the banks.
- The upper reach has an abundance of brush and blow-down.
- There is some old LOD for cover.
- This channel is more characteristically a cutthroat stream.

Describe unaccessible habitat:

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

Flooding potential: Low Medium High

Fish Information:

Site entry condition to (Bockman Cr. 20.0320): Poor Fair Good

- The channel has an open egress into Bockman Creek.

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

- Salmonid fry were observed during the survey. They were assumed to be trout.

Habitat Improvements:

Enhancement opportunities:

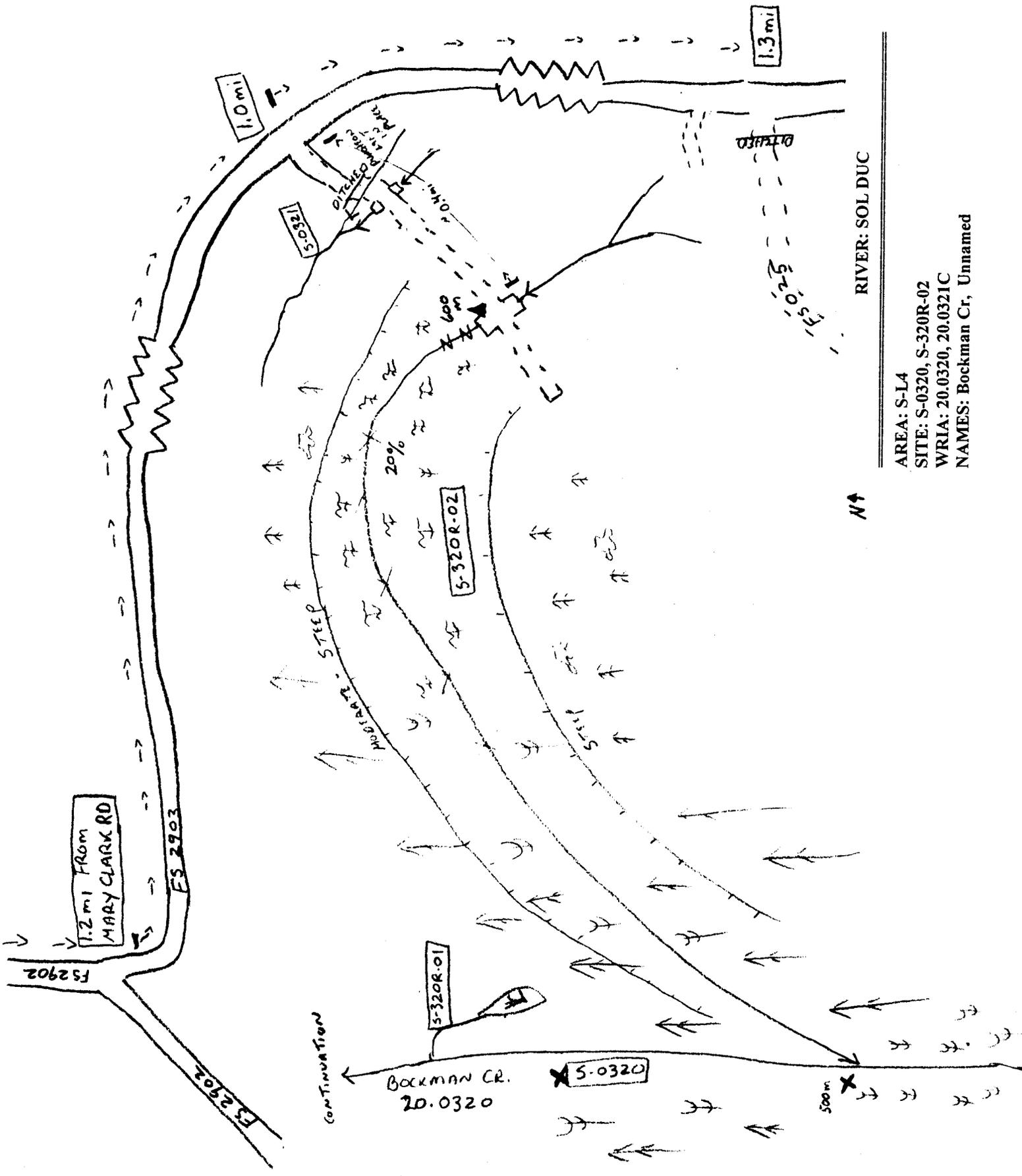
- Pull culvert in upper reach of channel.

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



AREA: S-L4
 SITE: S-0320, S-320R-02
 WRIA: 20.0320, 20.0321C
 NAMES: Bockman Cr, Unnamed

DATE: 5/08

RIVER: SOL DUC RIVER

AREA: S-L4

AREA MAP

9/96

