

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:** 4/15/98
Site Identifier: S-320L-04 **WRIA:** 20.0320 D (P)
River Mile Location: 2.07 mi (hip chained) **RB/LB:** LB
Local Name: Unnamed **Trib. to:** Bockman Cr (20.0320)
Legal Description: SW¼ Sec05 T29N R12W **County:** Clallam
Habitat Type: Terrace tributary
Landowner: Federal State County Other Government Private
- Bloedel Timber Company

Directions to site:

There is no direct access, an aerial photo will help in locating this channel. 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 1.6 miles. On the right-hand side of the road is a clear-cut with an abundance of brush. The channel sources in this location. The egress of this channel is 135 m upstream of S-320L-03. S-320L-03 culvert crossing is 2 miles up the FS 2902 road.

Site Overview:

This small stable channel may offer high water refuge and some limited rearing opportunities (in the lower reach). The channel has a fine sediment substrate that sources in a brush flat. The channel flows through thick brush and blow-down into an alder/conifer stand that is still dominated by brush. Low flows would be a limiting factor; the channel was subsurface in the mid-reach during the survey.

Habitat Information:

Water source: Springs and terrace runoff

Intermittent/year-around:

- Probably intermittent

Estimated flows (gpm): 65 - 85

Water temperatures: 7.5° C

Adjacent stream temperature: 8° C (20.0320)

Other water observations:

Site area measurements: Indirect Direct Combination

Widths: Channel- 0.3 m - 1.2 m Ponds- NA Wetlands- NA
Depths: Channel- 3 cm - 12 cm Ponds- NA Wetlands- NA
Total length (includes ponds and wetlands): 290 m

Total existing habitat area (est.): 218 m²

Spawning area: 0
Impounded area: 0
Other rearing area: 218 m²

Spawning Habitat conditions: (X) None () Poor () Fair () Good () Excellent

Describe spawning habitat:

- The substrate is fine sediment with traces of gravel.

Rearing habitat conditions: () None () Poor (X) Fair () Good () Excellent

Describe pond and other rearing habitat:

- This channel would offer high water refuge.
- The lower to mid reaches offers some off-channel habitat.
- The water in this channel appears to be stable most of the time but it does go subsurface in the mid reach during lower flows.
- There is limited cover of small woody debris but thick brush does encompass this channel.
- The lower reach has a canopy of alder and conifer.

Describe unaccessible habitat:

Describe wetland: () Bog () Marsh () Scrub-shrub Wetland () Forested Wetland

Flooding potential: (X) Low () Medium () High

Fish Information:

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

- The channel egresses into a small hole on Bockman Creek.

Coho access and use:

Juvenile- () Unknown () None () Poor (X) Fair () Good
Adult- () Unknown (X) None () Poor () Fair () Good
- Observed some coho fry in the lower reach.

Other species access and use: () Chum () Pink () Sockeye () Chinook (X) Trout

- Cutthroat may utilize this channel at times.

Habitat Improvements:

Enhancement opportunities:

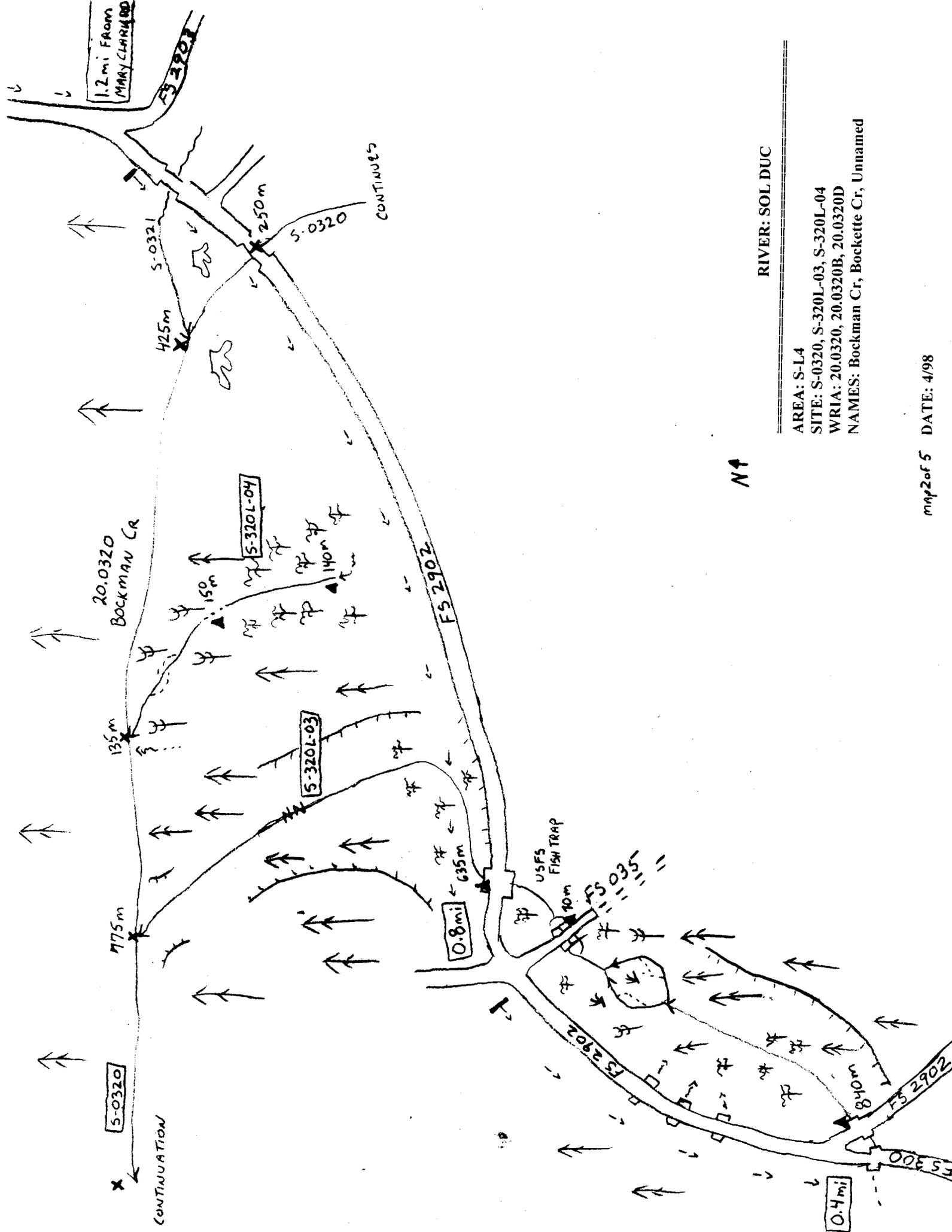
- None

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

(X) Aerials (X) Sketch (X) Maps () Culvert Report
() Other references () Spawning surveys () Juvenile trapping () Fishway Report



RIVER: SOL DUC

AREA: S-L4
 SITE: S-0320, S-320L-03, S-320L-04
 WRIA: 20.0320, 20.0320B, 20.0320D
 NAMES: Bockman Cr, Bockette Cr, Unnamed

RIVER: SOL DUC RIVER

AREA: S-L4

AREA MAP

9/96

