

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:** 5/1/96
Site Identifier: S-R4-01 **WRIA:** 26-0315-B
26-0319-D
River Mile Location: 27.3 mi **RB/LB:** RB
Local Name: Conley Creek **Trib. to:** 20.0096
Legal Description: NE¼ Sec2 T29N R13W **County:** Clallam
Habitat Type: Terrace tributary
Landowner: Federal State County Other Government Private
- Conley
- Rayonier Timber Co.

Directions to site: Head north from Forks on HWY 101 for about 9.2 miles to Conley Road. Take a right on this road and follow it to the end (0.4 mi). There is a private residence driveway (Conley) to the right with a gate. This driveway parallels the channel and eventually ends near S-R4-01's egress (traveling east ~300 m).

Site Overview: This is a stable, low gradient tributary that is slow flowing. It flows along the base of a valley wall that supports a mature conifer stand. The channel's left bank is characterized as a wetland. This channel appears to offer good winter habitat but may be affected by low, summer flows. Additional pools could enhance overwinter rearing.

Habitat Information:

Water source:
- Springs and surface runoff

Intermittent/year-around:
- Probably year-around

Estimated flows (cfs): 0.25 - 0.5

Water temperatures: 8.5° C

Adjacent stream temperature: 7.5°C (20.0096)

Other water observations:

Site area measurements: Indirect Direct Combination

Width: Channel- 1 - 2 m
Depth: Channel- 5 - 20 cm
Total length surveyed: 1220 m

Total existing habitat area (est.): 1830 m²

Spawning area: 0 m²
Impounded area: 0 m²
Other rearing area: 1830 m²

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

Describe spawning habitat:

-None, substrate is mud.

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

Describe pond and other rearing habitat:

- This low gradient, stable channel appears to offer good winter refuge.
- This channel may be affected by low flows.
- This channel primarily runs through a forested wetland.
- There is cover provided by large woody debris, sedge, water parsley, brush, and a canopy of alder and mature conifers.
- This channel has slough characteristics in many reaches.

Unaccessible habitat:

- None.

Wetland information: () Bog () Marsh () Scrub-shrub Wetland (X) Forested Wetland

- Most of this low gradient channel meanders and braids through sedges, water parsley, and skunk cabbage under a canopy of alder and conifer.

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

- The lower end may be influenced by the river during high water.

Fish Information:

Site entry condition to : () Poor () Fair (X) Good

- Open egress into the river at a slow bend with a huge boulder.

Coho access and use: Juvenile- () Unknown () None () Poor () Fair (X) Good

Adult- () Unknown (X) None () Poor () Fair () Good

- Coho fry were observed throughout most of this channel.
- This channel lacks gravel for spawning.

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

- No other species were observed.

Habitat Improvements:

Enhancement opportunities:

- Blast pools to deepen areas in the channel and improve overwinter habitat .

Additional Comments:

- Upper and lower end of channel have some equipment access.
- In the lower end of channel, there is a 4 ft culvert, ~10 m long, length wise in the channel. I could

not determine its function, but it is not a blockage at this time.

Attachments Available:

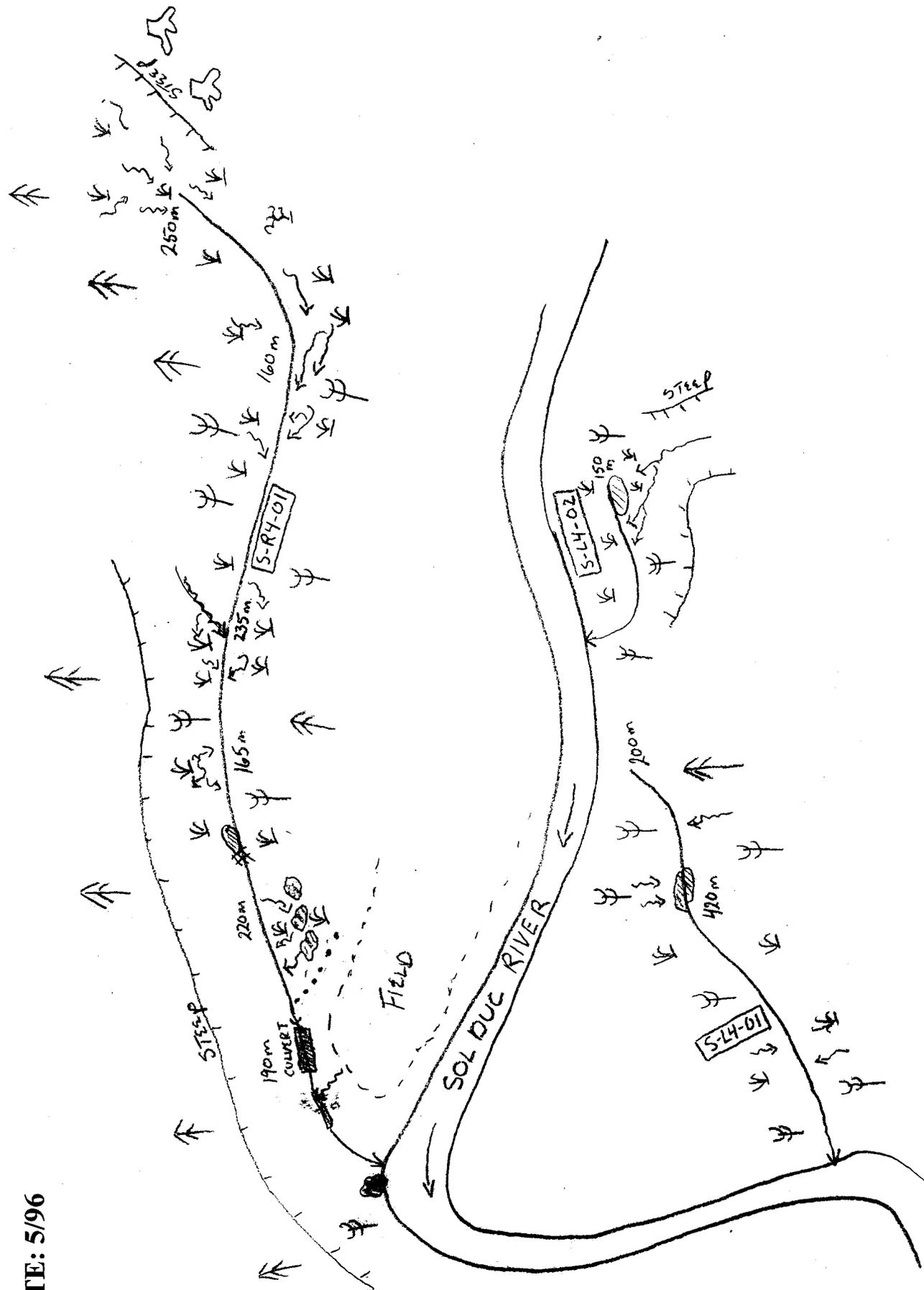
Contact respective SSHEAR habitat biologist for the following checked items:

- Aerials Sketch Maps Culvert Report
 Other references Spawning surveys Juvenile trapping Fishway Report

RIVER: SOL DUC

AREA: S-R4, S-L4
SITES: S-R4-01, S-L4-01, S-L4-02
WRIA: 20.0319D, 20.0319C, 20.0319E
NAMES: Conley Cr., Unnamed, Unnamed

DATE: 5/96



RIVER: SOL DUC RIVER

AREA: S-R4

AREA MAP

9/96

