

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: 2/27/96
Site Identifier: S-R2-05	WRIA: 20.0303C
River Mile Location: 15.3 mi	RB/LB: RB
Local Name: Swath Creek	Trib. to: 20.0096
Legal Description: SW $\frac{1}{4}$ Sec31 T29N R13W	County: Clallam

Habitat Type: Terrace tributary

Landowner: Federal State County Other Government Private
- Rayonier Timber Co.

Directions to site:

Head north from Forks on HWY 101 about 3.1 mi. Turn left (west) about 0.1 mi. beyond MP 195 onto D-2000. Proceed west on D-2000 for 2.8 mi to D-4000. Turn left on the D-4000 and follow for 0.8 mi to a left spur. Follow this steep grade, staying to the left, for ~0.7 mi to a landing. This landing overlooks the Sol Duc river. A road can be seen below this landing. This road intercepts the upper reach of S-R2-05. Channel can be distinguished by a partially intact RMZ.

Site Overview:

This small channel was partially ignored during cutting; the intact RMZ is from mid to lower reach of the channel. Coho could spawn in a few small areas in the lower channel and juveniles could find some high water refuge here, but this system appears to be more of a resident trout stream due to its size.

Habitat Information:

Water source:

- Springs and surface runoff

Intermittent/year-around:

- Probably year-around

Estimated flows (cfs): 0.5

Water temperatures: 6°C

Adjacent stream temperature: Did not take

Other water observations:

Site area measurements: Indirect Direct Combination

Width: Channel- 0.3 - 1.3 m

Depth: Channel- 5 - 25 cm

Total length surveyed: 765 m

Total existing habitat area (est.): 600 m²

Spawning area: 50 m²

Impounded area: 0 m²

Other rearing area: 550 m²

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- In the lower reach, there is an area that has an alluvial deposit.
- This system is small and would be more conducive to resident trout spawning.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The mid to upper channel has no canopy because an intact RMZ was not left in this reach. There is cover of LOD, brush and sedges, and small alders are beginning to grow along the banks.
- The upper reach splits with the right bank being the main channel; the left bank only goes for a short distance and is fed by springs.
- The upper-mid reach flows through a "V" notch and has blown down trees and brush for cover.
- The mid-lower reach flows through an alder bottom.

Unaccessible habitat:

- None.

Wetland information: Bog Marsh Scrub-shrub Wetland Forested Wetland

- None.

Flooding potential: Low Medium High

- This system may experience flushing flows.

Fish Information:

Site entry condition to : Poor Fair Good

- This channel enters into a glide with a large gravel deposit on its side of the river.

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

- Minnow traps caught cutthroat and a rainbow where there was no intact RMZ.
- This small stream appears to be a trout stream.

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 (X) Juvenile trapping () Fishway Report

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION

River System: Sol Duc

Site No.: S-R2-05

WRIA: 20.0303C

Site Name: Swath Creek

DATE: 3-6-96

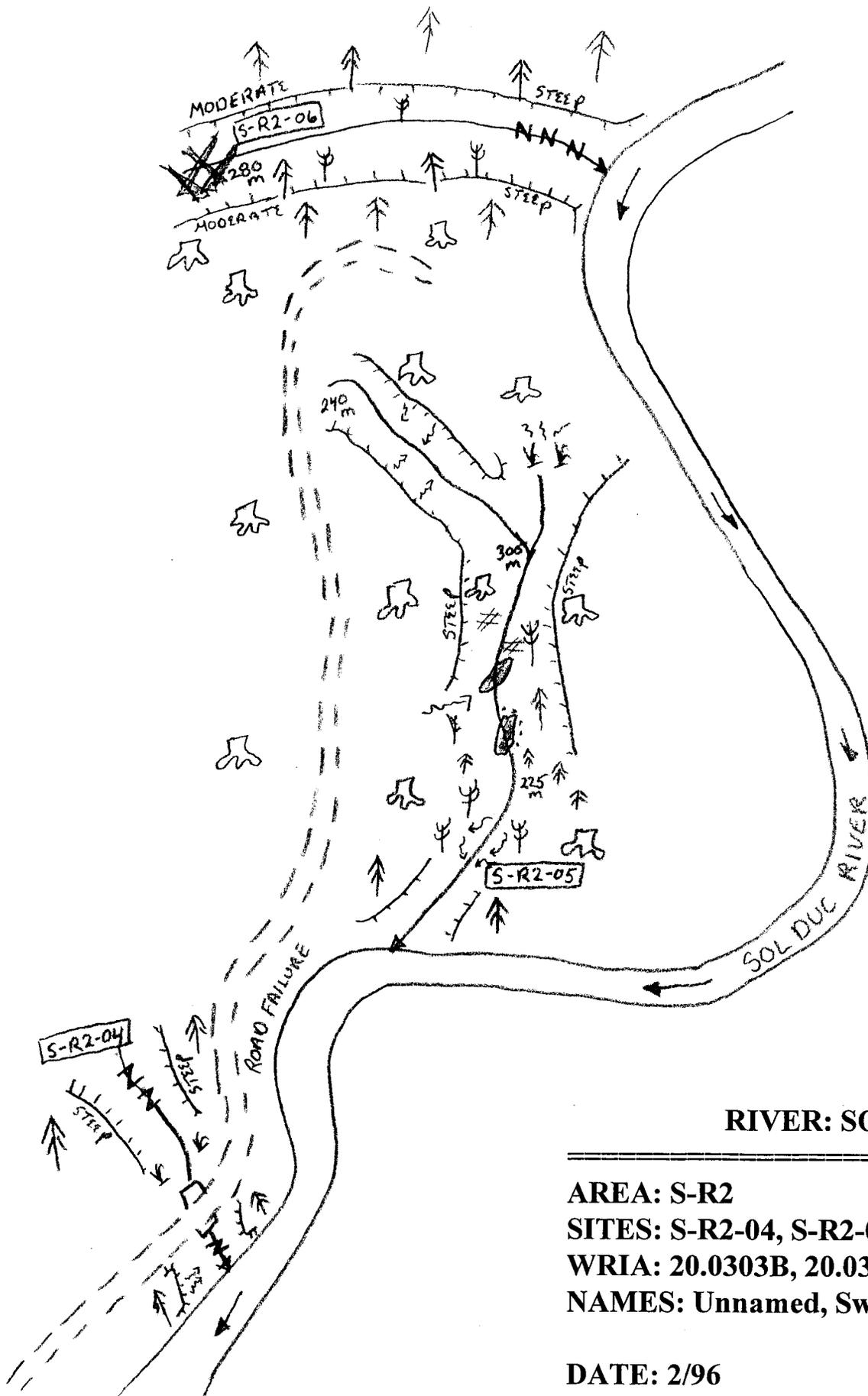
OBSERVER: Powell

MINNOW TRAPPING REPORT

TRAP	DATE		DATE		COHO MRK	CATCH		RBT	CUTT	COTTID
	SET	TEMP	PULLED	TEMP		UNMRK				
1	3/6	7°C	3/6	8.5°C	0	0	0	0	3	0
2	3/6	7°C	3/6	8.5°C	0	0	0	0	4	0
3	3/6	7°C	3/6	8.5°C	0	0	1	0	0	0
4	3/6	7°C	3/6	8.5°C	0	0	0	0	0	0
TOTALS:					0	0	1	7	0	0

COMMENTS:

- Trap 1 was placed ~15m in the main, right bank branch.
- Trap 2 was placed at the confluence of the two branches.
- Traps 3 and 4 were placed ~15 -30 m above start of intact RMZ.



RIVER: SOL DUC

AREA: S-R2

SITES: S-R2-04, S-R2-05, S-R2-06

WRIA: 20.0303B, 20.0303C, 20.0303D

NAMES: Unnamed, Swath Cr., Unnamed

DATE: 2/96

