

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-R2-04

WRIA: 20.0303B

River Mile Location: 15 mi

RB/LB: RB

Local Name: Unnamed

Trib. to: 20.0096

Legal Description: SW¼ Sec31 T29N R13W

County: Clallam

Habitat Type: Upper valley wall tributary

Landowner: Federal State County Other Government Private
- Rayonier Timber Co.
- Washington Department of Natural Resources

Directions to site: Head north from Forks on Hwy 101. Turn left just beyond mp 193 (1.0 mi. north of Forks) onto the La Push Rd. Proceed west on La Push Rd about 3.1 miles. Turn right onto the Quillayute Rd. and take the first right into the Rayonier Timber Co. yard. Take an immediate left onto a concrete bridge that crosses the Sol Duc River. There is a gate on this bridge (all keys can be obtained, or arrangements can be made at the ROTC office). Follow this road (RY-5000) for 0.1 mi after the bridge crossing, to a right spur with another locked gate. Follow this road for 1.4 mi to a failed bridge crossing; this is S-0303. Park vehicle, cross stream and follow road grade for ~0.5 mi. S-R2-04 has a small sedge area directly above its culvert intake. If you encountered the road failure, you have gone too far.

Site Overview: This is a high gradient tributary with limited habitat in its lower reach. There is an undersized culvert at the grade crossing. This channel is a gravel producer.

Habitat Information:

Water source:

- Surface runoff

Intermittent/year-around:

- Probably intermittent

Estimated flows (gpm): 70 - 90

Water temperatures: 5° C

Adjacent stream temperature: 4.5° C (20.0096)

Other water observations:

Site area measurements: Indirect Direct Combination

Width: Channel- 0.3 - 1.0 m

Depth: Channel- 2.5 - 10 cm

Total length surveyed: 160 m

Total existing habitat area (est.): 100 m²

Spawning area: 0 m²

Impounded area: 0 m²

Other rearing area: 100 m²

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- This high gradient channel is more conducive to resident trout spawning.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- This channel has a step characteristics of pools and cascades.

- There is cover of abundant LOD and brush, and a canopy of alders and conifers.

Unaccessible habitat:

- Culvert at grade crossing has ~1 m plung, and might be a velocity barrier during high flows.

Wetland information: Bog Marsh Scrub-shrub Wetland Forested Wetland

- None.

Flooding potential: Low Medium High

- This channel experiences flushing flows.

Fish Information:

Site entry condition to : Poor Fair Good

- The egress is in a swift glide area 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

- No fish were observed during the initial survey but resident trout may utilize the lower reach of the channel.

Habitat Improvements:

Enhancement opportunities:

- Pull undersized culvert.

Additional Comments:

- Presently, there is no equipment access into this area due to failed bridge crossing on 20.0303.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

Aerials

Sketch

Maps

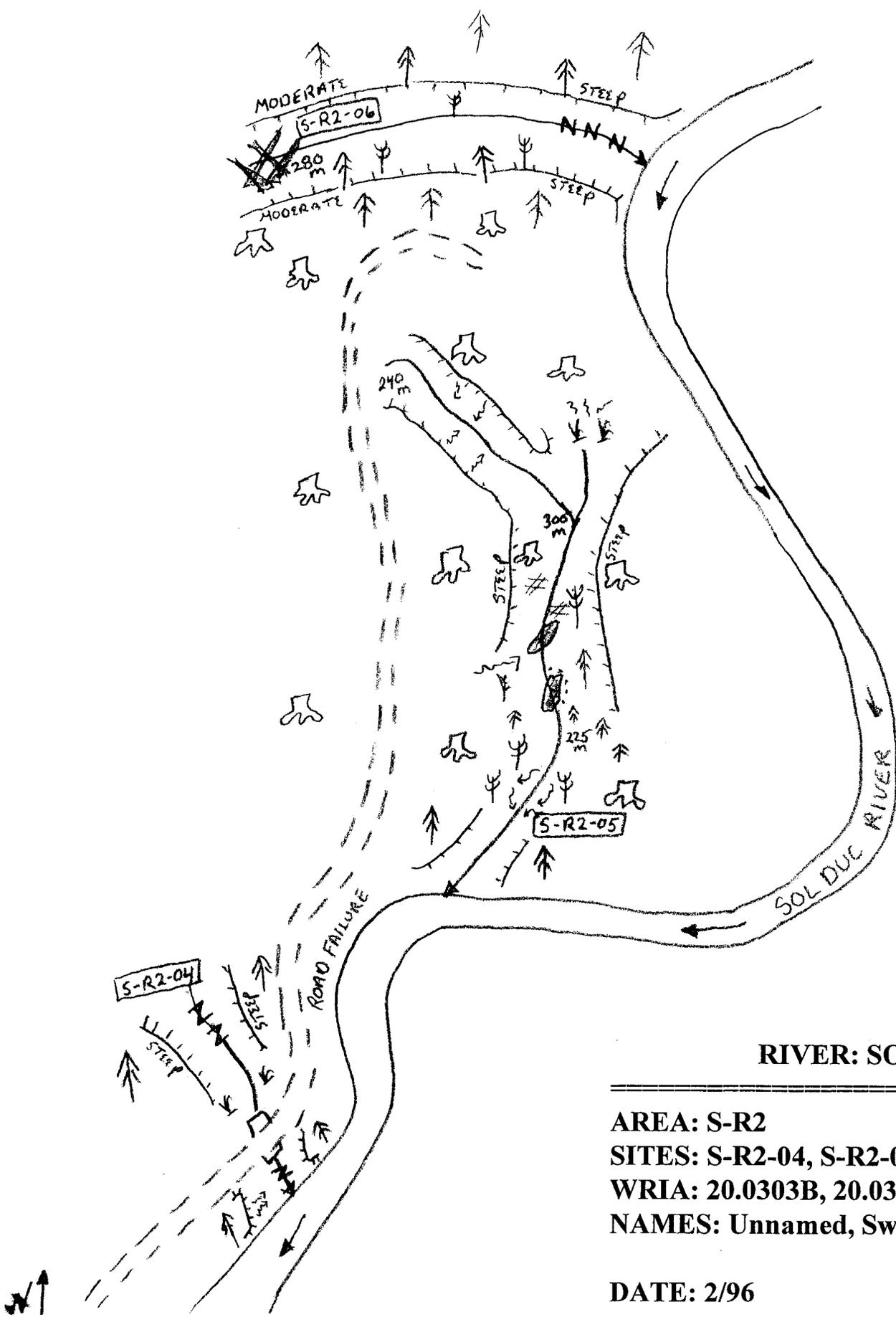
Culvert Report

Other references

Spawning surveys

Juvenile trapping

Fishway Report



RIVER: SOL DUC

AREA: S-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

RIVER: SOL DUC RIVER

AREA: S-R2

AREA MAP

9/96

FORKS QUADRANGLE

WASHINGTON

7.5 MINUTE SERIES (TOPOGRAPHIC)

NW 1/4 FORKS 15' QUADRANGLE

PORT ANGELES 54 MI

BEAVER P.O. 4.7 MI

124°22'30"

48°00'

380 000 FEET

395

394

392 R 14 W (LAKE PLEASANT 1:62 500) R 13 W

391 27'30"

1480 III

124°22'30"

380 000 FEET

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32

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28

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