

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: 3/14/96

Site Identifier: S-R3-01

WRIA: 20.03066

River Mile Location: 18.9 mi

RB/LB: RB

Local Name: Klahn Creek

Trib. to: 20.0096

Legal Description: SW¼ Sec28 T29N R13W

County: Clallam

Habitat Type: Spring creek

Landowner: Federal State County Other Government Private
- T. Spoelstra (most of the ground)

Directions to site: Head north from Forks on HWY 101 about 2.8 miles to Klahn Road. Take a right on this road and follow it to the stream crossing (~0.1 mi); this is S-R3-01.

Site Overview: This large, slow flowing channel appears to offer good winter refuge. It flows along an adjoining wall, and the opposite bank is pasture which has been fenced. Numerous coho fry were observed in the lower end of this mud channel in the spring. A long time resident reported that this channel goes intermittent in the summer months, killing many fish. He said that in the past, this channel flowed year-around.

Habitat Information:

Water source:

- Springs and surface runoff

Intermittent/year-around:

- Intermittent

Estimated flows (cfs): 1.0 - 1.25

Water temperatures: 8.5° C

Adjacent stream temperature: Did not take

Other water observations:

Site area measurements: Indirect Direct Combination

Width: Channel- 1 - 6 m

Depth: Channel- 15 - 60 cm

Total length surveyed: 2625 m

Total existing habitat area (est.): 7100 m²

Spawning area: 0 m²

Impounded area: 0 m²

Other rearing area: 7100 m²

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- This a mud channel with a small stretch of gravel that may be from road bed.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- This is a wide, slow moving stream.

- The lower end of the channel flows through an alder bottom which may be affected by overflow during extreme high water.

- There is some relic, passable beaver dams in the lower channel.

- The mid section of the channel has wide, pool like areas.

- Most of this channel has cover of brush, LOD, water parsley and sedges, and a canopy of alder.

- Water springs from the adjacent right bank steep hillside and some water springs from the left bank pasture land.

- This channel has been fenced to keep stock out but there is a couple watering areas.

- The upper end of the system that was surveyed appeared to be network of springs that braid through sedges, water parsley, skunk cabbage, alder and LOD.

- The upper end of this system was not surveyed due to a fence surrounding a residence. They have removed mature trees and cut brush along the channel, and have a small pond that may tie into this system.

Unaccessible habitat:

- None

Wetland information: Bog Marsh Scrub-shrub Wetland Forested Wetland

- The lower end is an alder bottom with sedges, water parsley, skunk cabbage and alder.

- The upper end braids through sedges, water parsley, skunk cabbage and alder.

Flooding potential: Low Medium High

- Lower end appears to be affected by overflow during extreme high water.

- Landowner reported that mid section receives overflow during extreme high water.

Fish Information:

Site entry condition to : Poor Fair Good

- This channel has an excellent egress into the river; it empties into a quiet, deep pool with LOD.

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

Adult- Unknown None Poor Fair Good

- Hundreds of coho fry were observed in the lower end of the channel.

- A school with 20+ coho smolts were observed in a pool in the mid-reach of this system during the initial survey.

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

Habitat Improvements:

Enhancement opportunities:

- Maintain integrity of system.

Additional Comments:

- Investigate why this system is going dry in the summer.
- Ted Spoelstra's phone no. - (360)374-5456.

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

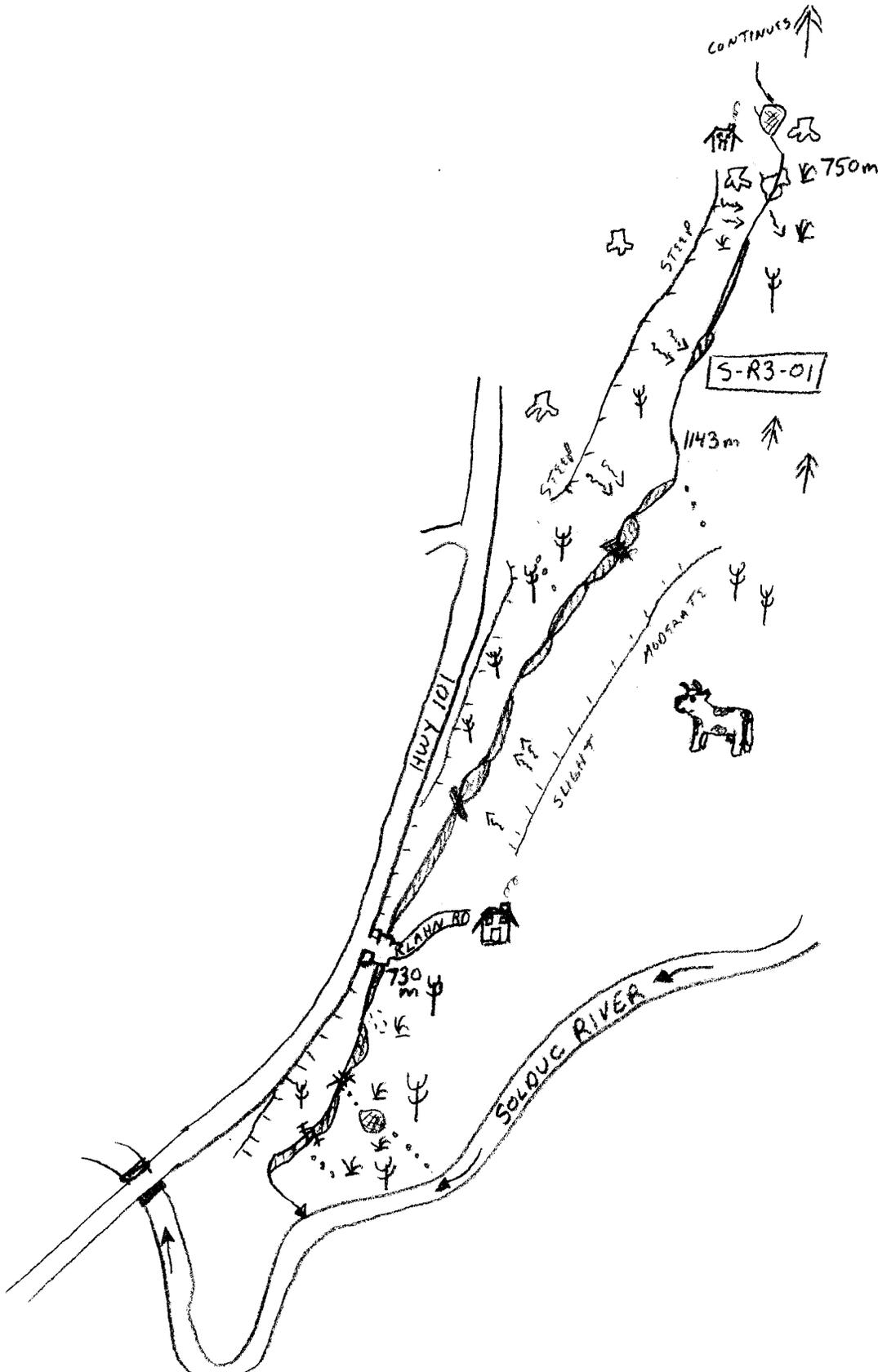
AREA: S-R3

SITES: S-R3-01

WRIA: 20.0306B

NAMES: Klahn Cr.

DATE: 3/96



RIVER: SOLE DUCK RIVER

AREA: S-R3

AREA MAP

9/96

