

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):** Nettnin

**River System:** Sol Duc River

**Date:** 4/10/96

**Site Identifier:** S-R1-04

**WRIA:** 20.0302?? 20.0302F

**River Mile Location:** 0.75

**RB/LB:** RB

**Local Name:** Duncan Cr.

**Trib. to:** 20.0302C

**Legal Description:** NE¼ Sec 10 T28N R14W

**County:** Clallam

**Habitat Type:** Lower Valley Wall Tributary

**Landowner:**  Federal  State  County  Other Government  Private

- RTOC

- DNR

**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 Road. Proceed west on La Push Road for about 3.1 miles. Turn right onto the Quillayute Road and continue west for about 2.1 miles. Turn right onto the access to the Rayonier haul road (D-5000), then turn left onto the D-5000 and proceed for about 0.4 mile to the D-5100 line. Turn right onto the D-5100 line for about 1.0 mile to a road to the right. Turn onto this road and proceed over the ridge, bearing right at all the junctions, following the road to the end, about 1.3 miles. This will put you between Mystery Creek on the left, and its trib S-R1-04, on the right.

**Site Overview:** This second order stream drains about 16 hectares (40 acres) of timberland. It sources on the divide between Colby Creek and the Sol Duc River. It has a moderate gradient throughout the reach that was inventoried, then steepens in the headwaters. This stream does produce gravel and therefore provides some spawning opportunities. Fish were observed but could not be positively identified. Two possible redds were also observed.

Habitat Information:

**Water source:** Springs, surface run-off

**Intermittent/year-around:**

- Unknown at this time, probably year-around at the lower end and intermittent in the upper reach.

**Estimated flows (cfs):** Lower end: 0.2 - 0.7 Upper end: 0.1 - 0.2

**Water temperatures:** Lower end: 9.5°C Upper end: 9.5°C

**Adjacent stream temperature:** 10.0°C (20.0096)

**Other water observations:** Light tannic coloration to the water.

**Site area measurements:**  Indirect  Direct  Combination

Widths: Channel- 1 - 2 m

Ponds- NA

Wetlands- NA

Depths: Channel- 10 - 15 cm

Ponds- NA

Wetlands-NA

Total length (includes ponds and wetlands): 700 m

**Total existing habitat area (est.):** 770 m<sup>2</sup>

Spawning area: 70 m<sup>2</sup>

Impounded area: NA

Other rearing area: 700 m<sup>2</sup>

**Spawning Habitat conditions:**  None  Poor  Fair  Good  Excellent

**Describe spawning habitat:**

- It appears like fair spawning habitat for coho but it may be better for trout.
- The riffles are small, but the gravel is good size for trout and coho. It does have some fines.

**Rearing habitat conditions:**  None  Poor  Fair  Good  Excellent

**Describe pond and other rearing habitat:**

- All of the rearing takes place in small pools.
- The lower reach is well shaded by conifer forest and the upper reach has standing trees on the LB and a wind damaged buffer on the left bank.

**Describe inaccessible habitat:** NA

**Describe wetland:**  Bog  Marsh  Scrub-shrub Wetland  Forested Wetland

- None associated with this stream.

**Flooding potential:**  Low  Medium  High

### Fish Information:

**Site entry condition to Mystery Creek:**  Poor  Fair  Good

- Open and accessible

**Coho access and use:**

Juvenile-  Unknown  None  Poor  Fair  Good

Adult-  Unknown  None  Poor  Fair  Good

- The mainstem of this system does not connect to the Sol Duc River at this time, so coho do not have access from the river.

**Other species access and use:**  Chum  Pink  Sockeye  Chinook  Trout

- Fish were observed in the stream, they are assumed to be trout since there is no access to the river.

### Habitat Improvements:

**Enhancement opportunities:**

Possible project type: Maintain integrity of the stream.

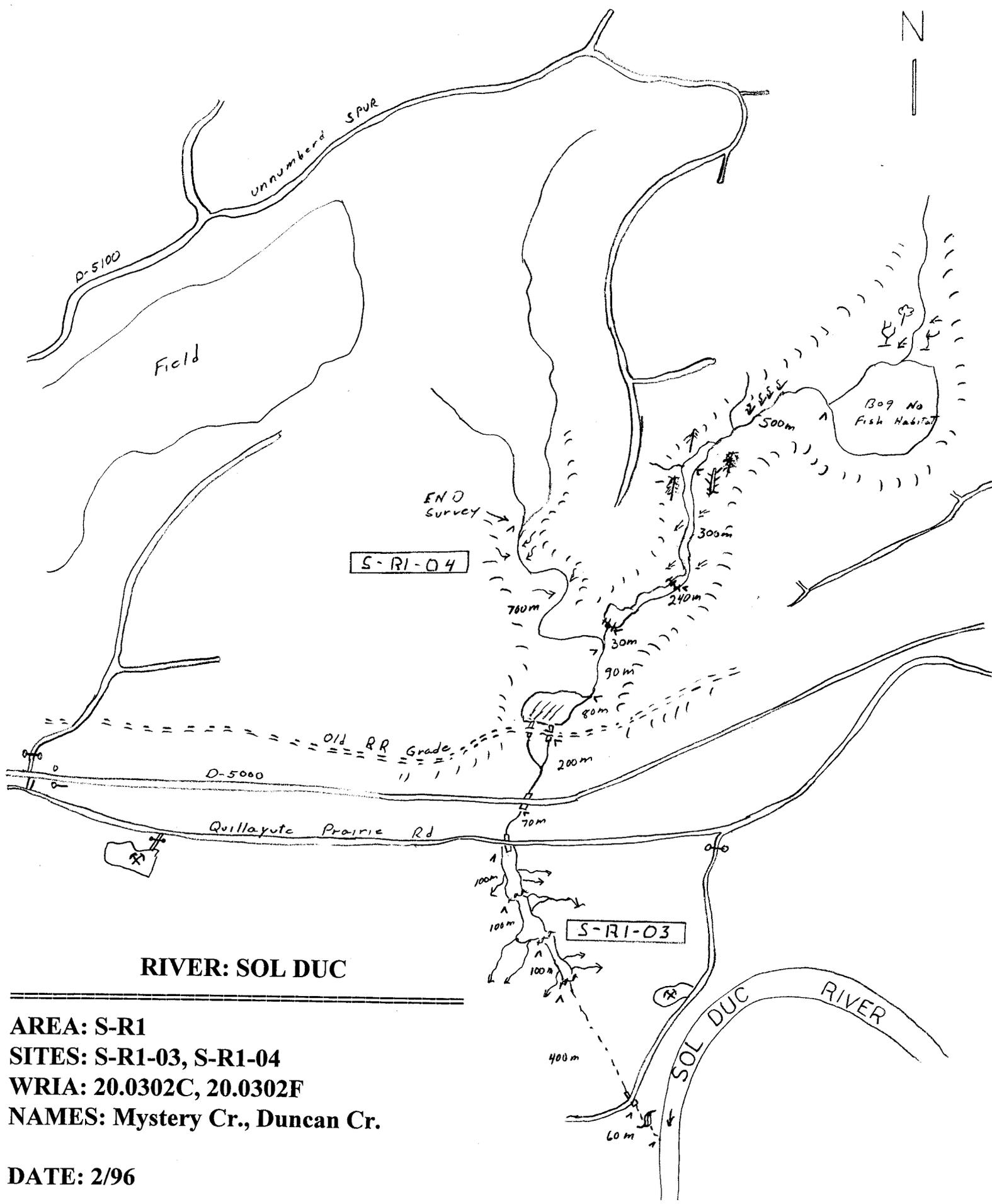
Equipment access:

**Additional Comments:**

**Attachments Available:**

**Contact respective SSHEAR habitat biologist for the following checked items:**

- |   |  |  |   |
|---|--|--|---|
| <input checked="" type="checkbox"/> Aerials | <input checked="" type="checkbox"/> Sketch | <input checked="" type="checkbox"/> Maps   | <input type="checkbox"/> Culvert Report |
| <input type="checkbox"/> Other references   | <input type="checkbox"/> Spawning surveys  | <input type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |



**RIVER: SOL DUC**

**AREA: S-R1**

**SITES: S-R1-03, S-R1-04**

**WRIA: 20.0302C, 20.0302F**

**NAMES: Mystery Cr., Duncan Cr.**

**DATE: 2/96**

RIVER: SOL DUC RIVER

AREA: S-R1

AREA MAP

9/96

