

STATE OF WASHINGTON  
DEPARTMENT OF FISH & WILDLIFE  
LANDS AND RESTORATION SERVICES 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 **Date:** 2/5/97  
**Site Identifier:** S-R7-02 **WRIA:** 20.0336 D (P)  
**River Mile Location:** 42.9 **RB/LB:** RB  
**Local Name:** Riverside Creek **Trib. to:** Sol Duc (20.0096)  
**Legal Description:** SW¼ Sec 28 T30N R11W **County:** Clallam  
**Habitat Type:** Wall based channel  
**Landowner:**  Federal  State  County  Other Government  Private  
- Cedarwood Properties?

**Directions to site:**

Starting at Forks (Tillicum Park) drive north on Highway 101 for 18.9 miles. The channel is on the left side of the road next to a recently logged, steep-rocky hill. The right side of the road has a wide pull out where some individuals launch drift boats over the river's bank. If you reach Riverside Road (on the right) you have gone too far - backtrack ~ 0.15 mi.

**Site Overview:**

This groundwater/spring channel flows partially along a steep wall. The area between the hillside and highway (where the channel flows) is brushy with a young, thick alder stand. The channel is mostly wide, flows along a flat gradient, and is not influenced by river flows. It is a good refuge and overwintering area if flows stay stable, but it does go dry in the summer.

Habitat Information:

**Water source:** Springs, ground water, terrace runoff, and road runoff

**Intermittent/year-around:**  
- Intermittent

**Estimated flows (cfs):** 1

**Water temperatures:** 7.5° C

**Adjacent stream temperature:** 7.0° C

**Other water observations:** Water is clear

**Site area measurements:**  Indirect  Direct  Combination

Widths: Channel- 1.5 m - 6.0 m Ponds- NA Wetlands- NA  
Depths: Channel- 10 - 60 cm Ponds- NA Wetlands- NA  
Total length (includes ponds and wetlands): 550 m

**Total existing habitat area (est.):**2475 m<sup>2</sup>

Spawning area: 0  
Impounded area: 0  
Other rearing area: 2475 m<sup>2</sup>

**Spawning Habitat conditions:** (X) None () Poor () Fair () Good () Excellent

**Describe spawning habitat:**

- Muck substrate with traces of gravel along wall base.

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

**Describe pond and other rearing habitat:**

- Channel is wide and slough like in a flat gradient.  
- It has LOD, lots of brush, and a thick young alder stand.  
- The channel lacks a large, overhead canopy.  
- This system may be affected by low flows. It goes dry in the summer and could trap fish.

**Describe unaccessible habitat:**

- None

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

- None

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

- None

**Fish Information:**

**Site entry condition to (Sol Duc River 20.0096):** () Poor (X) Fair () Good

- The channel empties across small boulders, into a straight stretch of river.

**Coho access and use:**

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

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

- Coho juveniles were minnow trapped in the lower and upper sections of the channel - they were all large and fat.

- Juvenile fish could become a trap during low water conditions in the upper end.

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

- Juvenile steelhead, and cutthroat were minnow trapped; they were in excellent condition.

**Habitat Improvements:**

**Enhancement opportunities:**

If there is adequate water during the year:

- Deepening upper reach.  
- Groundwater channel along the wall base - where present channel splits away.  
- Interpretive site.

**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 FORM**

River System: Sol Duc

Site No.: S-R7-02

Site Name: Riverside Creek

WRIA:

DATE: 2-25-97

OBSERVER: Powell

**MINNOW TRAPPING REPORT**

TRAP	DATE		DATE		CATCH		RBT	CUTT	COTTID
	SET	TEMP	PULLED	TEMP	COHO				
					UMRK	MRK			
1	2/24	8.5°C	2/25	8.0°C	5	0	5	1	0
2	2/24	8.5°C	2/25	8.0°C	2	0	3	0	0
3	2/24	8.5°C	2/25	8.0°C	0	0	0	0	0
4	2/24	8.5°C	2/25	8.0°C	0	0	0	0	0
<b>TOTALS:</b>					7	0	8	1	0

**COMMENTS:**

- Trap 1 was placed across the highway from the egress near the culvert.
- Trap 2 was placed ~10 m upstream from trap #2.
- Trap 3 was placed in the lower mid channel.
- Trap 4 was placed upstream ~5m upstream from trap #3.

DATE: 3-11-97

OBSERVER: Powell

**MINNOW TRAPPING REPORT**

TRAP	DATE		DATE		CATCH		RBT	CUTT	COTTID
	SET	TEMP	PULLED	TEMP	COHO				
					UMRK	MRK			
1	3/10	8.0°C	3/11	6.0°C	5	0	0	0	0
2	3/10	8.0°C	3/11	6.0°C	1	0	0	0	0
<b>TOTALS:</b>					6	0	0	0	0

**COMMENTS:**

- Trap 1 was placed the upper mid area of the system in close proximity to the HWY.
- Trap 2 was placed ~5 m upstream from trap #2.

DATE: 8-8-97

OBSERVER: Powell

Channel is dry

RIVER: SOL DUC

AREA: S-R7, S-L7

SITES: S-R7-02, S-L7-02

WRJA: 20.0336D, 20.0336E

NAMES: Riverside Cr, Forestland Sp

DATE: 1/97



