

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:** 5/11/99
Site Identifier: S-329L-02 **WRIA:** 20.0331B
River Mile Location: 0.25 **RB/LB:** RB
Local Name: Whites Creek **Trib. to:** S-329L-01 (20.0331A)
Legal Description: NW¼ Sec25 T30N R12W **County:** Clallam
Habitat Type: Spring Creek
Landowner: (X) Federal (X) State () County () Other Government () Private
- National Forest, USFS
- Dept of Natural Resources

Directions to site:

Starting at Forks (Tillicum Park), drive north on Highway 101 for 16.3 miles (mp 208) to West Twin Road (FS 30 Road). Take a left on this road and follow for 1.0 miles. There is a pull out on the left hand side of the road. Park and walk in the NW direction - channel will be encountered.

Site Overview:

This large spring channel and the associated tributary, S-329L-01 offers high quality rearing habitat for the mid area of Bear Creek. The channel sources in a wooded wetland and has several high gradient tributaries that feed into it. The channel flows through pools in a conifer forest and then into some large pool areas formed by passable beaver dams. There is adequate cover of LWD and wetland vegetation in the pool reach. The channel then flows through a conifer dominant forest. There is an overstory of alder and brush near the egress. The substrate lacks gravel and there is a large component of silt. Numerous coho fry were observed throughout this system in the spring.

Habitat Information:

Water source: Springs and associated tributaries

Intermittent/year-around:
- Year-around

Estimated flows (cfs): 2+ egress

Water temperatures: 7° C

Adjacent stream temperature: 6° C (20.0329)

Other water observations:

Site area measurements: () Indirect (X) Direct () Combination

Widths: Channel- 1 m - 3+ m Ponds- 5 - 25 m Wetlands- variable
Depths: Channel- 5 cm - 25 cm Ponds- 15 - 45 cm Wetlands- variable
Total length (includes ponds and wetlands): 1275 m

Total existing habitat area (est.): 4800 m²

Spawning area: 500

Impounded area: 3500 m²

Other rearing area: 800 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- This low gradient channel appears to lack flushing flows. Much of the substrate has a high silt component.
- The lower reach does have areas of gravel.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The upper reach is a forested wetland with several smaller pools.
- The upper mid reach has two large beaver ponds.
- There is cover of woody debris and aquatic vegetation in the ponds.
- Varying ages of conifer dominate but there are sections of alder too.
- There appears to be adequate LWD in the mid to lower reach.
- There is also cover of overhang and brush.

Describe unaccessible habitat:

- Beaver dams were passable at the time of the survey.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- The upper reach and mid reach are forested wetlands. Plants observed were conifer, alder, salal, sedges, skunk cabbage and various types of brush.
- The pond areas are mostly open with varying types of wetland plants.

Flooding potential: Low Medium High

- This system appears to have stable flows and is not influenced by Bear Creek.

Fish Information:

Site entry condition to (S329L-02): Poor Fair Good

- Open egress.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Numerous fry were observed throughout this system.
- The Quileute Tribe conducts a supplemental spawner index on S-329L-01, up to the egress with this channel.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Resident trout probably utilize this channel.

Habitat Improvements:

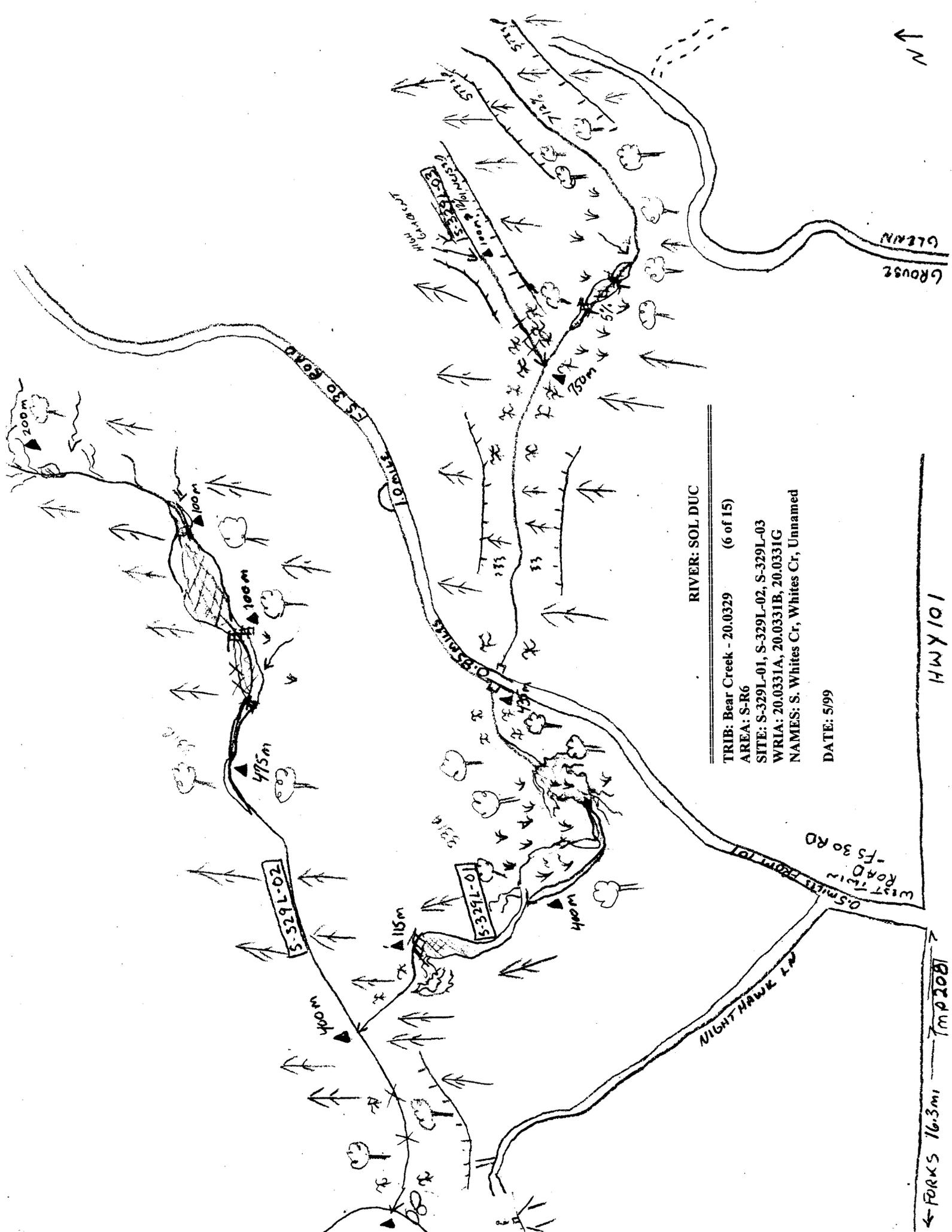
Enhancement opportunities:

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 checked="" type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys | <input type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |



RIVER: SOL DUC

TRIB: Bear Creek - 20.0329 (6 of 15)
 AREA: S-R6
 SITE: S-329L-01, S-329L-02, S-329L-03
 WRIA: 20.0331A, 20.0331B, 20.0331G
 NAMES: S. Whites Cr, Whites Cr, Unnamed

DATE: 5/99

← FORKS 16.3mi

HWY 101

OSMITHS CREEK
 WEST TWIN
 -FS 30 RD

NIGHT HAWK LN

S-329L-02

S-329L-01

GLINN
 Grouse



