

**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: 1/27/00
Site Identifier: S-334R-01	WRIA: 20.0334B (P)
River Mile Location: 0.77	RB/LB: RB
Local Name: Unnamed	Trib. to: 20.0334
Legal Description: NW¼ Sec8 T30N R11W	County: Clallam
Habitat Type: Valley wall tributary	
Landowner: (X) Federal () State () County () Other Government () Private - National Forest, USFS	

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 3.9 miles. This large arch crossing is S-0334. Park at the pull out and backtrack down the road. There will be an old road that leads to the powerlines. Follow this road up to a wide spot just beyond the powerlines. A well defined trail (an old road grade) follows S-0334 along the right bank upper slope. Follow this trail to where the slope bank lessens and the trail bends to the east into an alder/brush area. This tributary crossing is S-334R-01.

Site Overview:

This tributary enters S-0334 in its upper reach. Both channels appear to have equal flow at their junction. The gradient of this right bank tributary is ~ 5 - 7% at the lower reach. The channel has an alder/brush canopy with dispersed conifers. There is good gravel quality in the substrate, and pools are formed by large old woody debris. This channel appears to offer some ideal resident trout habitat. Trout habitat extends beyond the survey end point.

Habitat Information:

Water source: Tributaries, and surface runoff

Intermittent/year-around:

- Probably intermittent

Estimated flows (cfs): 1.5 - 2

Water temperatures: 5° C

Adjacent stream temperature: 5° C (20.0334)

Other water observations:

Site area measurements: Indirect Direct Combination

Widths: Channel- 1.5 m - 2.0 m Ponds- NA Wetlands- NA

Depths: Channel- 8 cm - 20 cm Ponds- NA Wetlands- NA

Total length (includes ponds and wetlands): 100+ m (trout habitat above end point)

Total existing habitat area (est.): 175+ m²

Spawning area: 75 m²

Impounded area: 0 m²

Other rearing area: 100 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- Overall, the spawning habitat is more conducive to resident trout. There is quality gravel and the gradient in the lower reach is ~ 5 - 7%.
- There is good cover and pools due to the in-stream woody debris.
- There was optimum trout habitat at the end of the survey.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The lower surveyed reach was thick with brush. There is an alder canopy with dispersed conifers.
- Pools are formed by large woody debris.
- Trout habitat exists beyond the survey end point.
- The channel appears to gain gradient beyond the end of survey point and becomes slightly incised. Conifers were more noticeable.

Describe unaccessible habitat:

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

Flooding potential: Low Medium High

- This channel appears to have occasional flushing flows.

Fish Information:

Site entry condition to (20.0334): Poor Fair Good

- There is open egress.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

Other species access and use: Chum Pink Sockeye Chinook Trout

- Resident trout probably utilize this channel.

Habitat Improvements:

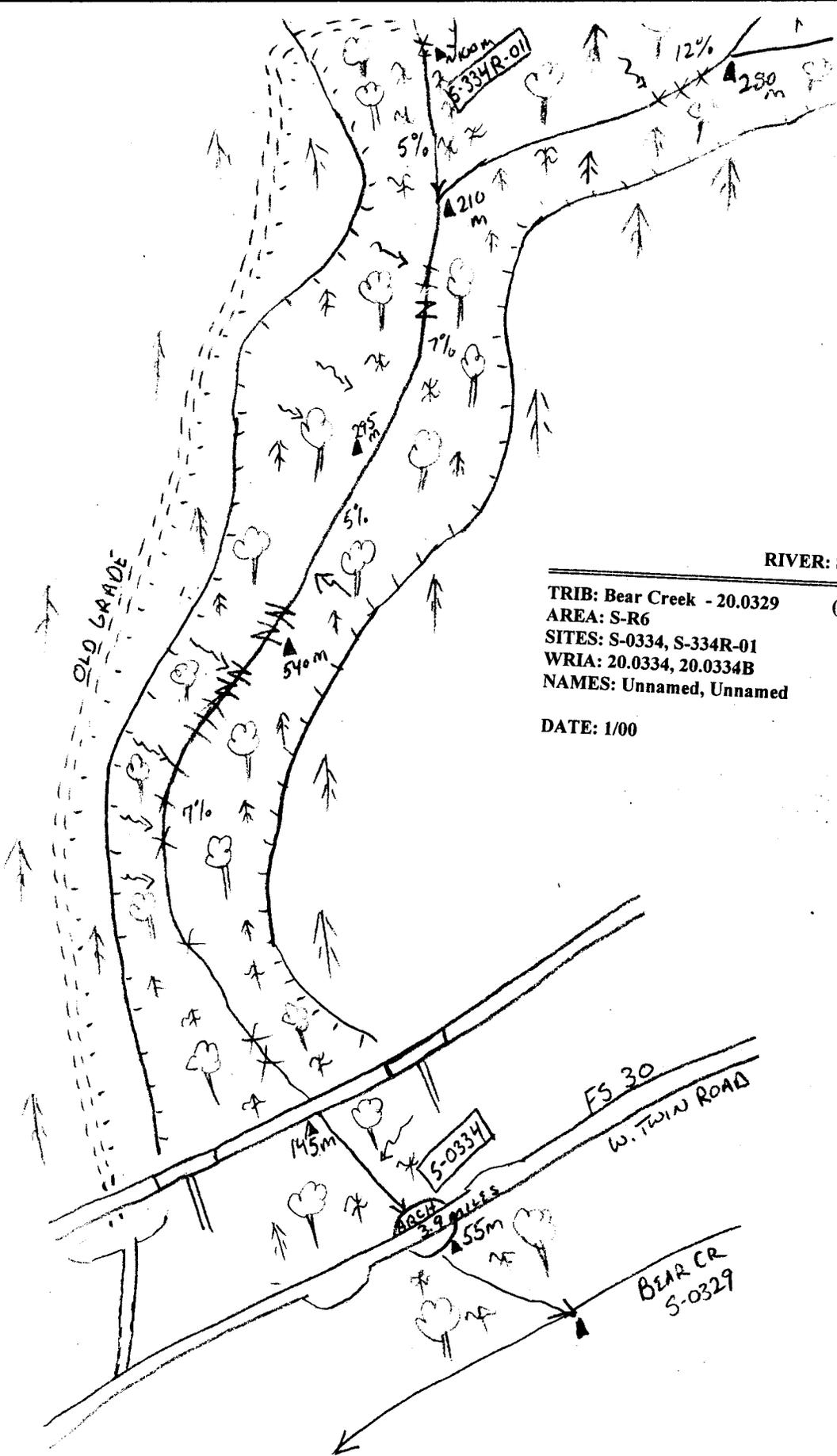
Enhancement opportunities:

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

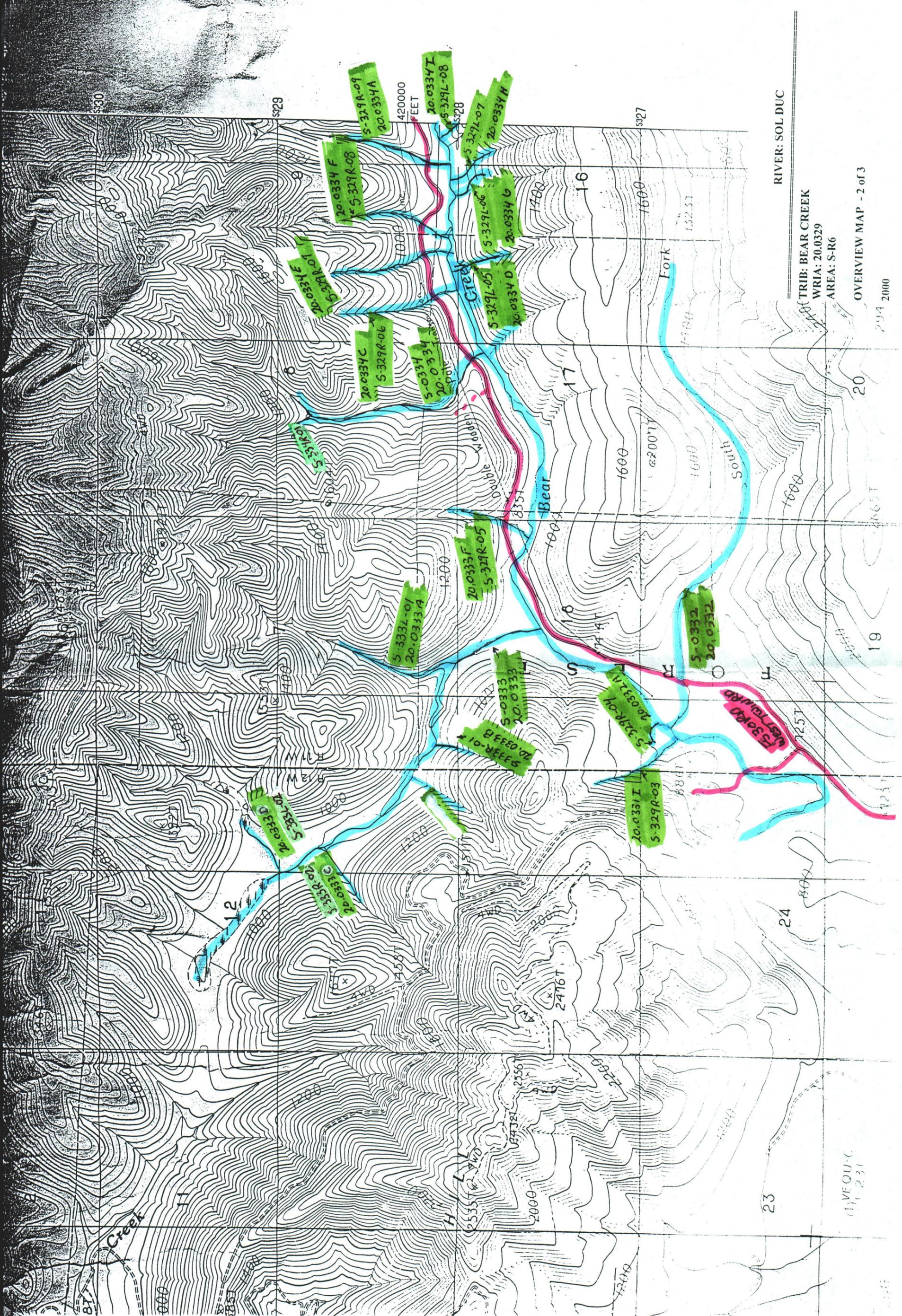
- | | | | |
|--|--|--|---|
| <input checked="" type="checkbox"/> Aerials | <input checked="" type="checkbox"/> Sketch | <input checked="" type="checkbox"/> Maps | <input type="checkbox"/> Culvert Report |
| <input checked="" type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys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



RIVER: SOL DUC

TRIB: Bear Creek - 20.0329 (11 of 15)
 AREA: S-R6
 SITES: S-0334, S-334R-01
 WRIA: 20.0334, 20.0334B
 NAMES: Unnamed, Unnamed
 DATE: 1/00

16.3 miles EAST ON
 HWY 101 TO mp 208.
 LEFT ON W. TWIN RD/FS 30.



RIVER: SOL DUC

TRIB: BEAR CREEK
WRIA: 20.0329
AREA: S-R6

OVERVIEW MAP - 2 of 3

2000

Ransro 2/02

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20.0334 F
5-329R-08

20.0334 E
5-329L-07

20.0334 C
5-329R-06

20.0334 A
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20.0333 F
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20.0333 B
5-329R-04

20.0333 D
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20.0332 I
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20.0332 A
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