

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): Nettnin
River System: Sol Duc	Date: 4/1/98
Site Identifier: S-318L-02	WRIA: 20.0318B (P)
River Mile Location: 0.34 mi.	RB/LB: LB
Local Name: Unnamed	Trib. to: 20.0318
Legal Description: SE¼ Sec 18 T30N R12W	County: Clallam

Habitat Type: Upper valley Wall Trib

Landowner: Federal State County Other Government Private
- Department of Natural Resources
- Possibly Jack Del Guzzi (JPG)
- Possibly Rayonier Timber Operations Company

Directions to site:

North from Forks on highway 101 to MP 200.5. Turn left onto West Lake Pleasant Road, then bear to the right just past the bridge over Lake Creek. Continue for about 2.9 miles (the county road ends at 1.0 mile and the 9000 Line begins) to the 9089, the road to the right at the top of the hill. A key can be obtained at the Rayonier Timber Operations Company Office in Forks. Follow the road to the bottom of the hill, cross the bridge and bear left and follow the road to the end. Follow a bearing of about S80E across the clearcut to the confluence of Lake Creek and 20.0318. Follow 20.0318 upstream for about 840 meters. S-318L-02 is a left bank tributary that enters at the downstream edge of a 15 - 20 year old stand of alder, conifer and brush.

It may be shorter to access this channel from the upper end. North from Forks to Sappho (MP 203.9), turn left onto the Burnt Mountain Road for two miles. Just past the bridge over Beaver Creek, turn left and drive through the rock pit. **WATCH FOR EQUIPMENT CROSSING THE ROAD!!** Continue for about 1.1 mile to a recent clearcut and turn left. Follow the road down to the end. Then follow a bearing of S45W across the clearcut into the timber. There will be an old grade. Follow the grade downhill and it will cross S-318L-01. Continue down to the mainstem (20.0318), then follow it upstream about 80 m to S-318L-02.

Site Overview:

The source of this upper valley wall tributary is between 1,000 - 1,200 feet. As the channel nears the bottom of the valley, it crosses a low gradient bench where it braids and becomes intermittent. It then resurfaces in several places. The water flows to form S-318L-02 and S-318L-03. Upstream of the 3026 mainline, the riparian area is mainly 40 - 60 year-old conifers. Below the road, it is deciduous species.

Habitat Information:

Water source: Springs, surface runoff

Intermittent/year-around: Unknown, probably intermittent

Estimated flows (cfs): Lower end: 0.1 - 0.2 Upper end: 0.2 - 0.3

Water temperatures: Lower end: 7.0°C Upper end: Not taken

Adjacent stream temperature (20.0318): 5.5°C

Other water observations: Clearwater

Site area measurements: Indirect Direct Combination

Widths: Channel- 1.0 - 2.0 m Pond- NA Wetlands- NA

Depths: Channel- 5 - 10 cm Pond- NA Wetlands- NA

Total length estimated (includes ponds and wetlands): 100 m

Total existing habitat area (est.): 200 m²

Spawning area: 0 m²

Impounded area: 0 m²

Other rearing area: 200 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- Small gravel with many embedded fines.
- The gradient and water depth favors trout spawning.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- Most of the channel is moderate gradient, except for a one meter high fall that needs to be negotiated.
- Adequate amounts of woody debris in the channel.
- Shade is provided by 15 - 20 year-old alder, willow and vine maple.

Describe unaccessible habitat:

- The reach above the intermittent alluvial area has a gradient from 10 - 25%, channel width of about 2 meter, numerous small falls and cascades, and a substrate of gravel to boulders.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- No wetlands associated with this channel

Flooding potential: Low Medium High

- Susceptible to flashy flows.

Fish Information:

Site entry condition to 20.0318: Poor Fair Good

- The channel enters in a back eddy of a braid.
- Thirty meters up the channel, there is 1 meter falls.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- 10 - 20+ coho fry were observed in this channel below the falls.

Other species access and use: Chum Pink Sockeye Chinook Trout
- It is assumed that some of that trout fry use this stream.
-The channel is open and available to all species.

Habitat Improvements:

Enhancement opportunities:

Possible project type:
- Maintain the integrity of the stream.
Equipment access: No access

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

<input 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

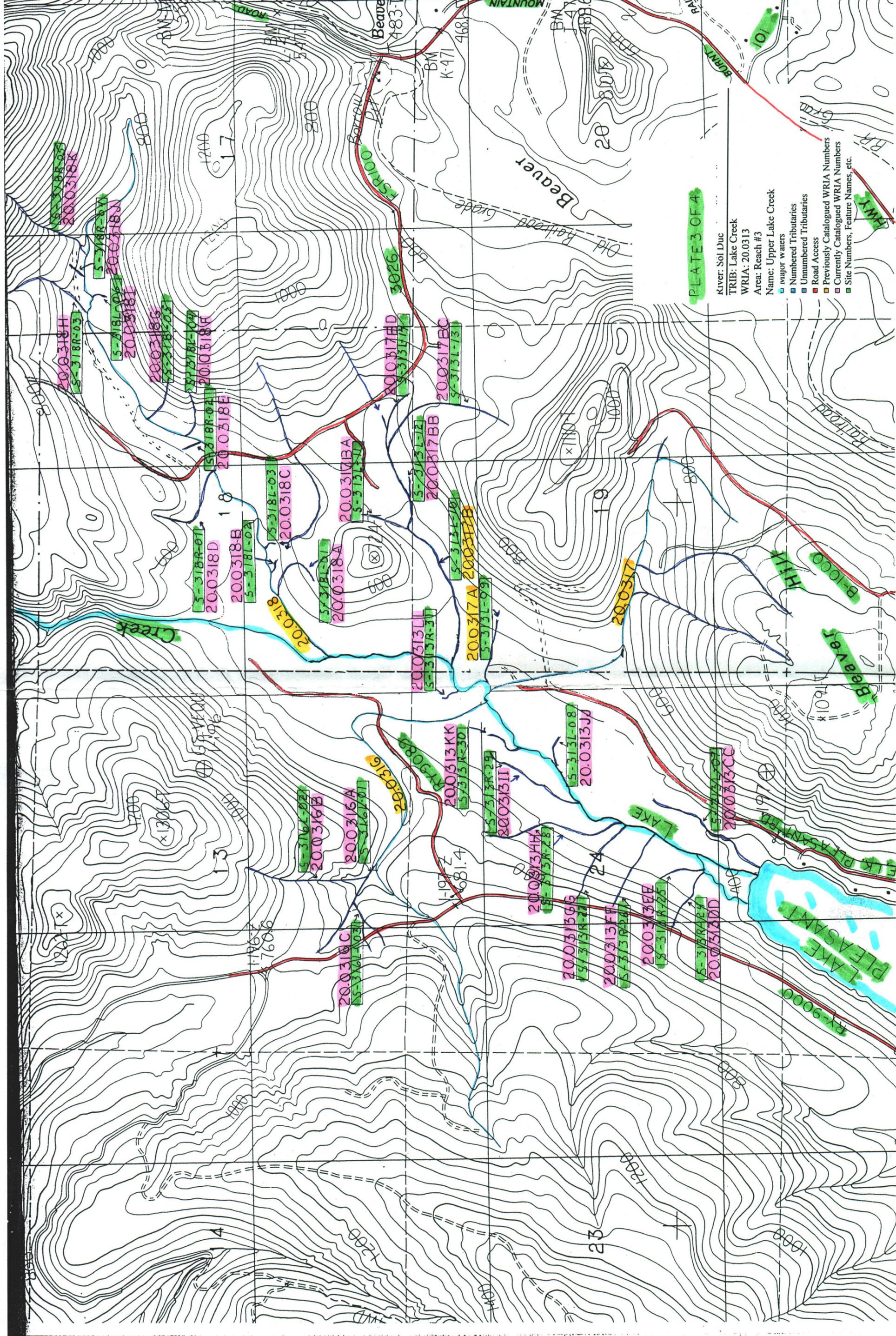


PLATE 3 OF 4

- River: Sol Duc
- TRIB: Lake Creek
- WRIA: 20.0313
- Area: Reach #3
- Name: Upper Lake Creek
- Major waters
- Numbered Tributaries
- Unnumbered Tributaries
- Road Access
- Previously Catalogued WRIA Numbers
- Currently Catalogued WRIA Numbers
- Site Numbers, Feature Names, etc.

HWY