



**Total existing habitat area (est.):** 240 m<sup>2</sup>

Spawning area: 40 m<sup>2</sup>

Impounded area: 0 m<sup>2</sup>

Other rearing area: 200 m<sup>2</sup>

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

**Describe spawning habitat:**

- Very limited - found in small tailout of pools.
- This stream favors trout over coho.

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

**Describe pond and other rearing habitat:**

- There are limited pools and riffles that provide good salmonid rearing habitat in the first 130 m above the road. The next 120 m is trout habitat.

**Describe unaccessible habitat:**

- Assuming that fish are unlikely to swim through 50 meters of culvert, then all the above mentioned habitat lies above the barrier.
- There is no usable habitat above the abandoned dam at the gradient barrier.

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

- None associated with this channel.

**Flooding potential:**  Low  Medium  High

- This stream is subject to flashy flows during periods of heavy rain.

**Fish Information:**

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

- There is about 50 meters of corrugated metal pipe that fish have to swim through to access open water.

**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

- It is unknown if fish use this stream, none were observed.
- Access is poor for all species.

**Habitat Improvements:**

**Enhancement opportunities:**

Possible project type:

- Remove culvert and restore free flowing stream.
- Maintain the integrity of the stream.

Equipment access: Very good

**Additional Comments:**

This stream historically had a water intake head works in the upper reach. It is no longer maintained but the stave pipe line and some smaller plastic pipelines are still visible. The dam is an impasse to fish and is located at a gradient break from 20% to 30%.

**Attachments Available:**

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

Aerials

Sketch

Maps

Culvert Report

Other references

Spawning surveys

Juvenile trapping

Fishway Report

**NORTH COAST OFF CHANNEL SURVEY**  
**SUBSEQUENT SITE EVALUATION FORM**

River System: Sol Duc

Channel No.: S-313R-23

Site Name: Unnamed

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DATE: 5-20-98

OBSERVER: Nettnin

Channel was dry.

DATE: 1-23-99

OBSERVER: Darrow

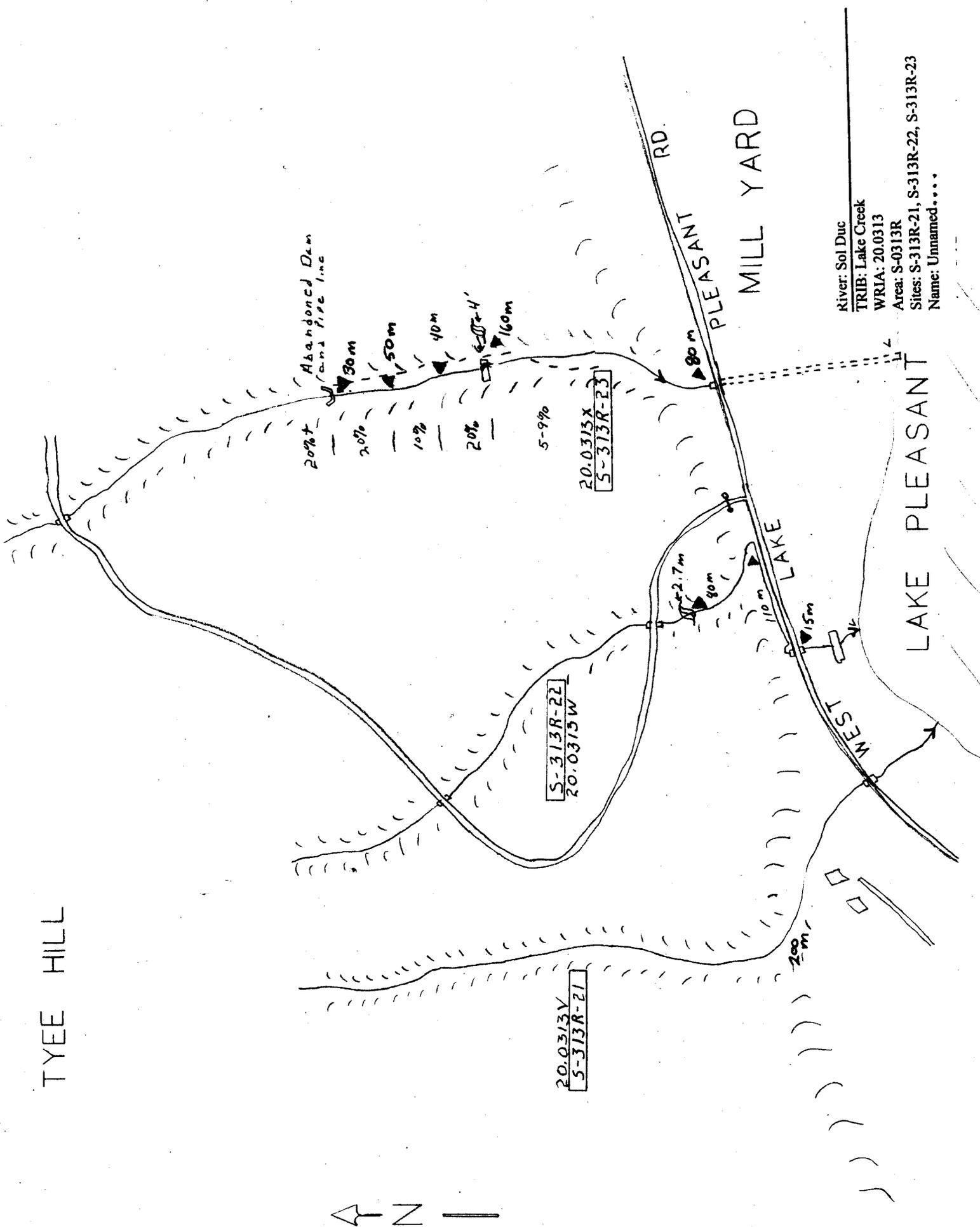
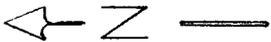
**MINNOW TRAPPING REPORT**

TRAP	DATE		DATE		COHO	CATCH			COTTID
	SET	TEMP	PULLED	TEMP		RBT	CUTT	0+	
1	1/23	5.5°C	1/24	5.0°C	0	0	0	0	0
2	1/23	5.5°C	1/24	5.0°C	0	0	0	0	0
3	1/23	5.5°C	1/24	5.0°C	0	0	0	0	0
TOTALS:					0	0	0	0	0

**COMMENTS:**

- Trap 1 was placed just upstream of the culvert under the county road at a depth of 30 cm. Instream cover provided by bank overhang, roots, boulders, cobble and woody debris.
- Trap 2 was placed about 20 m upstream of the culvert under the county road at a depth of 30 cm. Instream cover provided by bank overhang, roots, boulders, cobble and woody debris.
- Trap 3 was placed about 40 m upstream of the culvert under the county road at a depth of 30 cm. Instream cover provided by bank overhang, roots, boulders, cobble and woody debris.
- All traps were baited with salmon roe.

TYEE HILL



River: Sol Duc  
 TRIB: Lake Creek  
 WRIA: 20.0313  
 Area: S-0313R  
 Sites: S-313R-21, S-313R-22, S-313R-23  
 Name: Unnamed.....

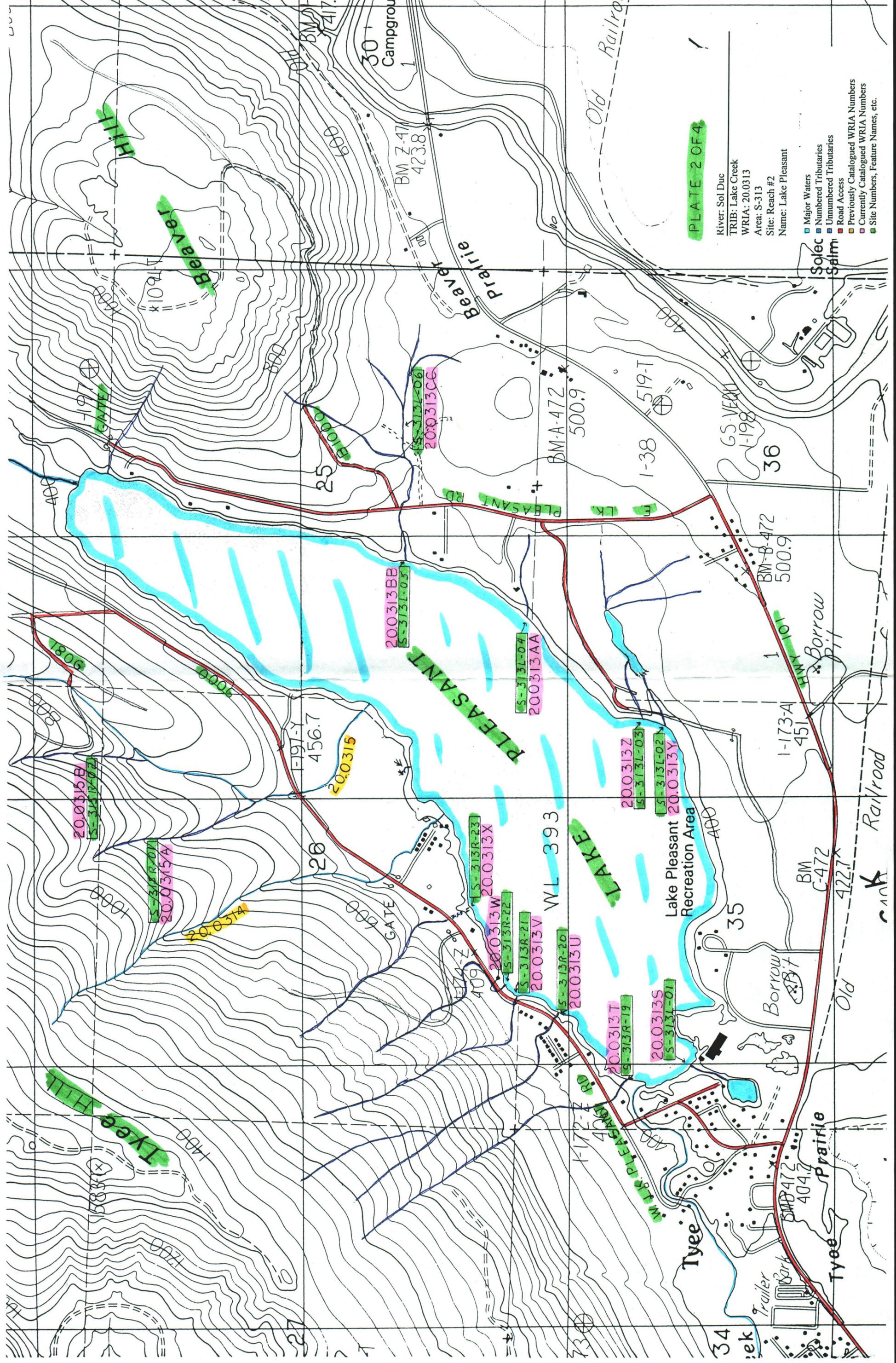


PLATE 2 OF 4

River: Sol Duc  
 TRIB: Lake Creek  
 WRIA: 20.0313  
 Area: S-313  
 Site: Reach #2  
 Name: Lake Pleasant

- Major Waters
- Numbered Tributaries
- Unnumbered Tributaries
- Road Access
- Previously Catalogued WRIA Numbers
- Currently Catalogued WRIA Numbers
- Site Numbers, Feature Names, etc.

Solec  
 Salm