

Total existing habitat area (est.): 60 m²

Spawning area: 10 m²

Impounded area: 0 m²

Other rearing area: 50 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- A large percentage of the substrate is rubble and clay.
- The spawning opportunities are limited to the tailout of pools.
- This stream habitat is more suitable for trout than for coho.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- There is no pond habitat associated with this channel.
- There are limited pools and riffles that provide good trout habitat.

Describe unaccessible habitat:

- Reach above the culvert was not surveyed.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- There are no associated wetlands to this channel.

Flooding potential: Low Medium High

- The system is subject to flashy flows from within and not from river flooding.

Fish Information:

Site entry condition to Lake Creek: Poor Fair Good

- A few meters above the egress there is a cascade and an additional two clay falls that probably inhibit fry migration.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- No coho were observed during the survey.
- On 2/4/98, two traps were set with no success

Other species access and use: Chum Pink Sockeye Chinook Trout

- On 2/4/98 two traps were set and fished: nothing was caught.

Habitat Improvements:

Enhancement opportunities:

Possible project type:

- Remove or replace culvert to pass fish.
- Maintain the integrity of the stream.

Equipment access: Good access to the culvert.

Additional Comments:

Verbal communications with Chris Byrnes (WDFW habitat Manager): this road is a temporary access and is supposed to be abandoned when timber harvest is completed.

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

Site No.: S-313R-07
Site Name: Unnamed
WRIA: 20.0313J

DATE: 2/4 - 2/5/98

OBSERVER: Nettnin

MINNOW TRAPPING REPORT

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	COHO		RBT	CUTT	COTTID
					UMRK	MRK			
1	2/4	7.5°C	2/5	8.0°C	0	0	0	0	0
2	2/5	7.5°C	2/6	8.0°C	0	0	0	0	0
TOTALS:					0	0	0	0	0

COMMENTS:

- Trap 1 was placed about 10 m below the culvert.
- The second setting of this trap was another 10 m down stream.

DATE: 5/2098

OBSERVER: Nettnin

Channel was flowing about 0.03 - 0.05 cfs

WDFW FISH PASSAGE REPORTING FORM

LEVEL I - Facility/Barrier Identification

(1) CHECK ONE: [] Existing Fishway (includes baffled culverts)
[X] Man-made Fish Passage Problem

(2) STREAM: Unnamed (3) WRIA#/RM: 20.0313J / 0.1

(4) TRIBUTARY TO: Lake Creek (5) LEGAL(S,T,R): NE 1/4, Sec 6 T29N R13W

(6) LATITUDE/LONGITUDE:

(7) MILEPOST/ROAD: Travel north from Forks on Highway 101 to the T-line intersection (left at MP198.1). Turn left off the highway then right at the 4-way junction (100 ft). Continue up the road for 1.3 mile (A key for the gate can be gotten at the RTOC office in Forks) to the fifth stream crossing (disregard perched wetland just past 20.0313G as a stream crossing). This is S-313R-07 (20.0313J).

(8) DESCRIPTION OF FISHWAY, FACILITY:

(9) DESCRIPTION OF BARRIER: Excessive slope.

(10) OWNER: ROTC

(11) FISH ACCESS UP TO BARRIER VERIFIED/PRIMARY SPECIES: A trap was set twice but not successful / Trout

(12) HABITAT AVAILABLE ABOVE FISHWAY OR BARRIER:

- The reach above the culvert was not surveyed however, there does appear to be some trout habitat available there.
- Observations throughout the rest of the Lake Creek system indicate that this type of habitat is being well used.

(13) IDENTIFIED BY (agency/organization): WDFW - SSHEAR

(14) SUBMITTED BY/DATE OBSERVED: Nettnin / 2/4/98

(15) INVENTORY DESCRIPTOR: S-313R-07

LEVEL II - Culvert/Barrier Description

CULVERT:

(16) TYPE (Indicate number of each): [] concrete round
[] concrete box
(17) LENGTH: 40 ft [] smooth steel pipe
[X] CMP - Round, Steel, spiral wound
(18) DIAMETER: 2 ft [] CMP - Arch or Ellipse
[] Other:

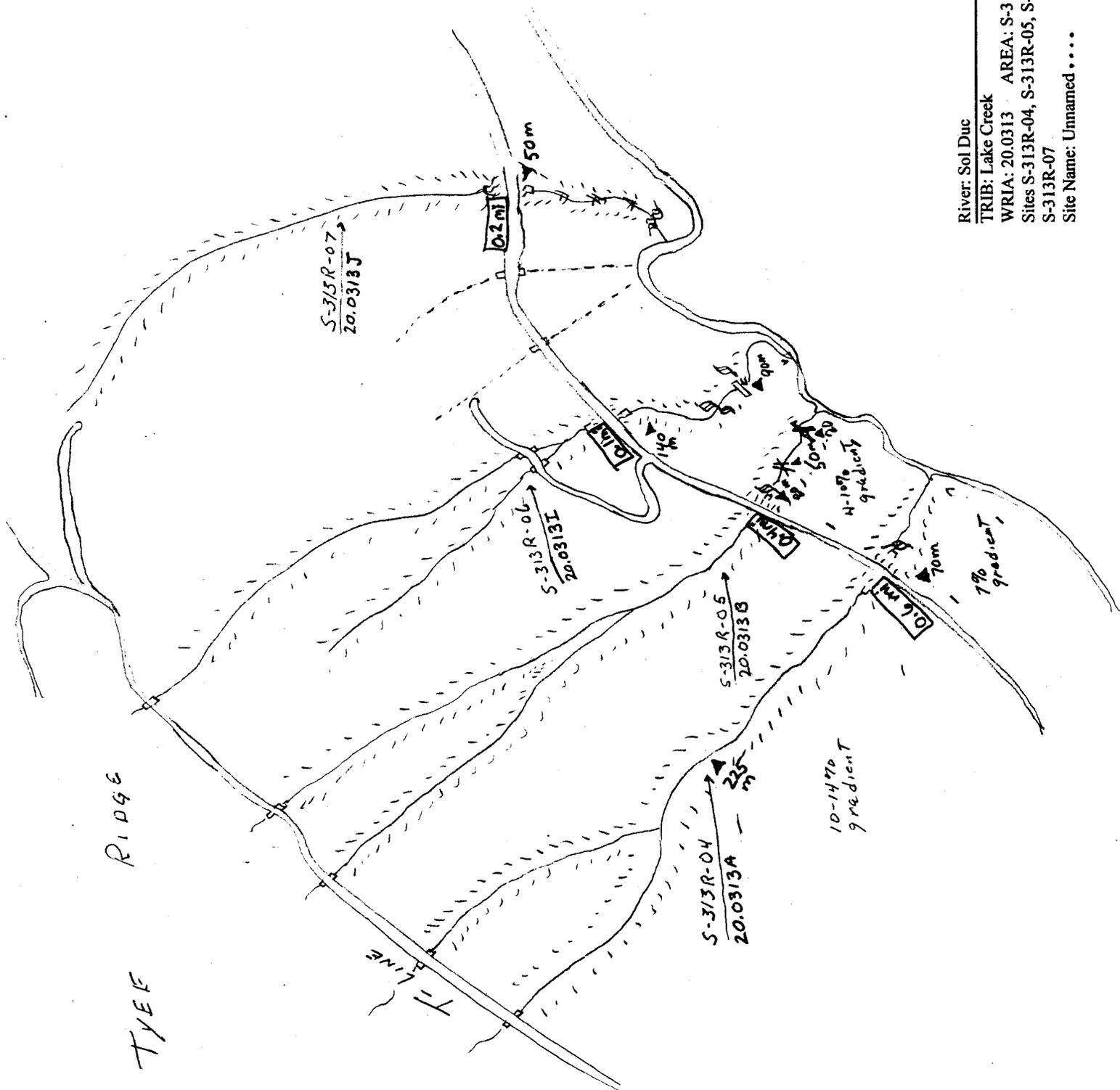
(19) WATER DEPTH: 0.1 ft (20) SLOPE: ~7% (21) VELOCITY: Unknown

(22) OUTFALL DROP: 0 ft

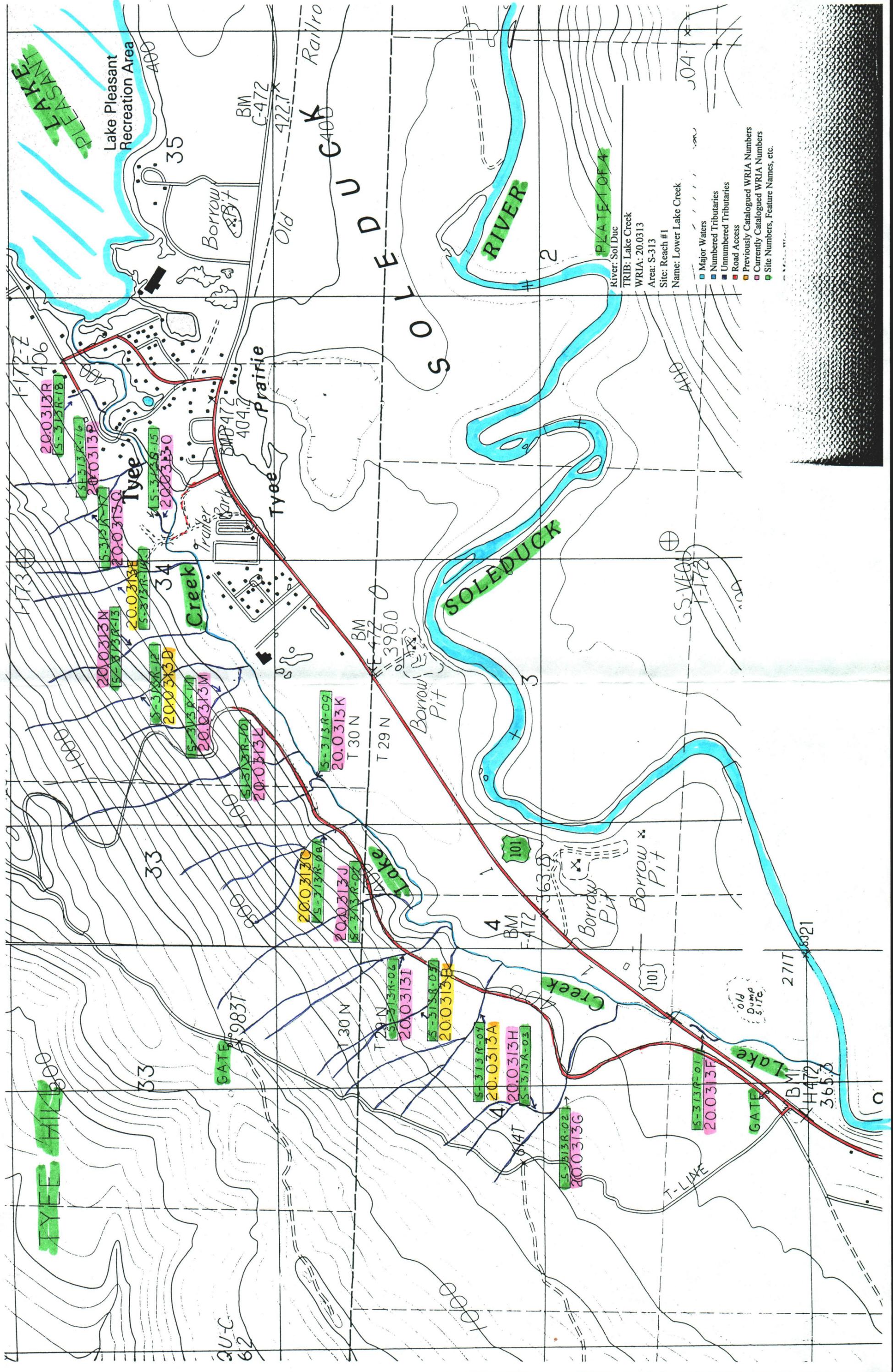
DAM:

(23) LENGTH: (24) HEIGHT:

COMMENTS: Verbal communications with Chris Byrnes (WDFW habitat Manager) this road was a temporary access and is supposed to be abandoned when timber harvest is completed. The last block of timber is scheduled to go this summer, perhaps we can get the road put to bed.



River: Sol Duc
 TRIB: Lake Creek
 WRIA: 20.0313 AREA: S-313R
 Sites S-313R-04, S-313R-05, S-313R-06 & S-313R-07
 Site Name: Unnamed.....



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

River: Lake Creek
 TRIB: Sol Duc
 WRIA: 20.0313
 Area: S-313
 Site: Reach #1
 Name: Lower Lake Creek

