

Total existing habitat area (est.): 250 m²

Spawning area: 0 m²

Impounded area: 0 m²

Other rearing area: 250 m²

Spawning Habitat conditions: (X) None () Poor () Fair () Good () Excellent

- If there is any spawning area, it favors trout rather than coho.

Describe spawning habitat: Sand and silt substrate

Rearing habitat conditions: () None () Poor () Fair () Good (X) Excellent

Describe pond and other rearing habitat:

- Cool and clear, well shaded spring channel with some LOD, small woody debris, aquatic vegetation.

- A small pool exists at the upper end.

Describe unaccessible habitat: NA

Describe wetland: () Bog () Marsh () Scrub-shrub Wetland () Forested Wetland

- The only wetland associated with this channel is the area where the springs emanate from the toe of the ridge creating a small, side slope wetland

Flooding potential: (X) Low () Medium () High

Fish Information:

Site entry condition to Lake Creek: () Poor (X) Fair () Good

- This system actually has two egresses, the upper one being created when a slump blocked the upper end and forced water over the terrace. This egress is steep and doesn't allow access to the main channel.

- The lower egress is in a riffle of Lake Creek, but boulders create some quiet water.

- A large log laying across the channel about five meters above the mouth may cause passage problems for fry at certain flows.

Coho access and use:

Juvenile- () Unknown () None () Poor (X) Fair () Good

Adult- () Unknown (X) None () Poor () Fair () Good

- On 2/11/98 two traps were set and fished: 3 coho were caught.

- On 3/2/98 three traps were set and fished: 5 coho were caught.

Other species access and use: () Chum () Pink () Sockeye () Chinook (X) Trout

- On 2/11/98 two traps were set and fished: 1 RBT trout and 14 cottid were caught.

- On 3/2/98 three traps were set and fished: 3 CTT and 3 RBT trout and 20 cottid were caught

Habitat Improvements:

Enhancement opportunities:

Possible project type: Plank controls

- open slump area and use plank control to seal off the upper egress.

- use plank controls or logs to create plunge pools or scour pools.

Equipment access: None

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 checked="" type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Sol Duc

Site No.: S-313R-01
 Site Name: T-Line Spr.
 WRIA: 20.0313F (P)

DATE: 2/10 - 2/11/98

OBSERVER: Nettnin

MINNOW TRAPPING REPORT

TRAP	DATE		DATE		CATCH				
	SET	TEMP	PULLED	TEMP	COHO		RBT	CUTT	COTTID
					UMRK	MRK			
1	2/10	10.0°C	2/11	10.0°C	0	0	0	0	6
2	2/10	10.0°C	2/11	10.0°C	3	0	1	0	8
TOTALS:					3	0	1	0	14

COMMENTS:

- Trap 1 was placed in the middle reach. Water is very shallow so I excavated a spot to place the trap.
- Trap 2 was placed in the pool at the upper end of the channel.

DATE: 3/1 -3/2/98

OBSERVER: Darrow

MINNOW TRAPPING REPORT

TRAP	DATE		DATE		CATCH				
	SET	TEMP	PULLED	TEMP	COHO		RBT	CUTT	COTTID
					UMRK	MRK			
1	3/1	8.4°C	3/2	8.4°C	5	0	0	2	7
2	3/1	8.4°C	3/2	8.4°C	0	0	0	0	6
3	3/1	8.4°C	3/2	8.4°C	0	0	2	1	7
TOTALS:					5	0	2	3	20

COMMENTS:

- Trap 1 was placed in the pool at the upper end of the channel.
- Trap 2 was placed in the middle reach. Water is very shallow so a spot was excavated to place the trap.
- Trap 3 was placed in the lower reach between the large log and a small cascade.

DATE: 9/89

OBSERVER:

In the past a small slump occurred and blocked the upper of the channel forcing the upper most springs to change course and flow directly to Lake Creek. During the month of September a control was installed at the head end of the channel and a ditch dug through the slump to divert the upper spring water back down the channel. The increased flow will help attract fry and supply more water during low water conditions.

DATE: 10/22/98

OBSERVER:

Temp; 9.0°C Flow: 0.5 - 1.0 cfs Lake Creek temp: 10.5°C
 Water is piping around the control. Evidently it is following old root courses.

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Sol Duc

Site No.: S-313R-01
Site Name: T-Line Spr.
WRIA: 20.0313F (P)

DATE: 1/15/02

OBSERVER: Darrow

MINNOW TRAPPING REPORT

TRAP	DATE		DATE		CATCH			
	SET	TEMP	PULLED	TEMP	COHO	RBT	CUTT	COTTID
1	1/15	9°C	1/16	9°C	5	1	0	5
2	1/15	9°C	1/16	9°C	6	0	1	1
3	1/15	9°C	1/16	9°C	0	2	0	2
4	1/15	9°C	1/16	9°C	1	0	3	0
5	1/15	9°C	1/16	9°C	1	0	3	6
6	1/15	9°C	1/16	9°C	1	2	5	6
7	1/15	9°C	1/16	9°C	49	0	0	0

TOTALS: 63 5 12 20

Average size: 90.1 mm STD: 15.0 Min-Max: 70-120 Count: 34 coho measured

COMMENTS:

Traps 1, 2, 3, 4, 5 were placed in succession from downstream to upstream. Trap 5 was in the lower mid reach.

Trap 6 was placed in the upper mid reach.

Trap 7 was placed in the upper reach.

DATE: 4/16/02

OBSERVER: Darrow

MINNOW TRAPPING REPORT

TRAP	DATE		DATE		CATCH			
	SET	TEMP	PULLED	TEMP	COHO	RBT	CUTT	COTTID
1	4/16	9.5°C	4/17	9.5°C	0	0	0	9
2	4/16	9.5°C	4/17	9.5°C	5	0	0	0
3	4/16	9.5°C	4/17	9.5°C	1	0	2	0
4	4/16	9.5°C	4/17	9.5°C	0	0	0	3
5	4/16	9.5°C	4/17	9.5°C	0	0	0	14
6	4/16	9.5°C	4/17	9.5°C	0	0	2	1
7	4/16	9.5°C	4/17	9.5°C	0	0	2	2
8	4/16	9.5°C	4/17	9.5°C	0	0	5	7
9	4/16	9.5°C	4/17	9.5°C	8	0	1	3
10	4/16	9.5°C	4/17	9.5°C	8	0	1	10

TOTALS: 22 0 13 49

Average size: 92.9 mm STD: 11.9 Min-Max: 70-113 Count: 22 coho measured

COMMENTS:

Traps 1, 2, 3, 4, 5, 6, 7, and 8 were placed in succession from downstream to upstream. Trap 8 was in the upper mid reach.

Traps 9 and 10 were placed in the upper end pool area.

DOC: S-313R-01

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Sol Duc

Site No.: S-313R-01

Site Name: Lake Cr Sp (T-Line Sp)

WRIA: 20.0313F (P)

DATE: 9/10/02

OBSERVER: Nettnin

Removed five coho and 39 cottid from site prior to conducting project work. Installed barrier to prevent fry entering into site in June. Installed eight weirs to increase summer and winter rearing.

DATE: 12/4/02

OBSERVER: Nettnin

Everything appeared okay.

DATE: 3/28/03

OBSERVER: King

Everything looked good. Fry were observed at the mouth.

DATE: 7/26/03

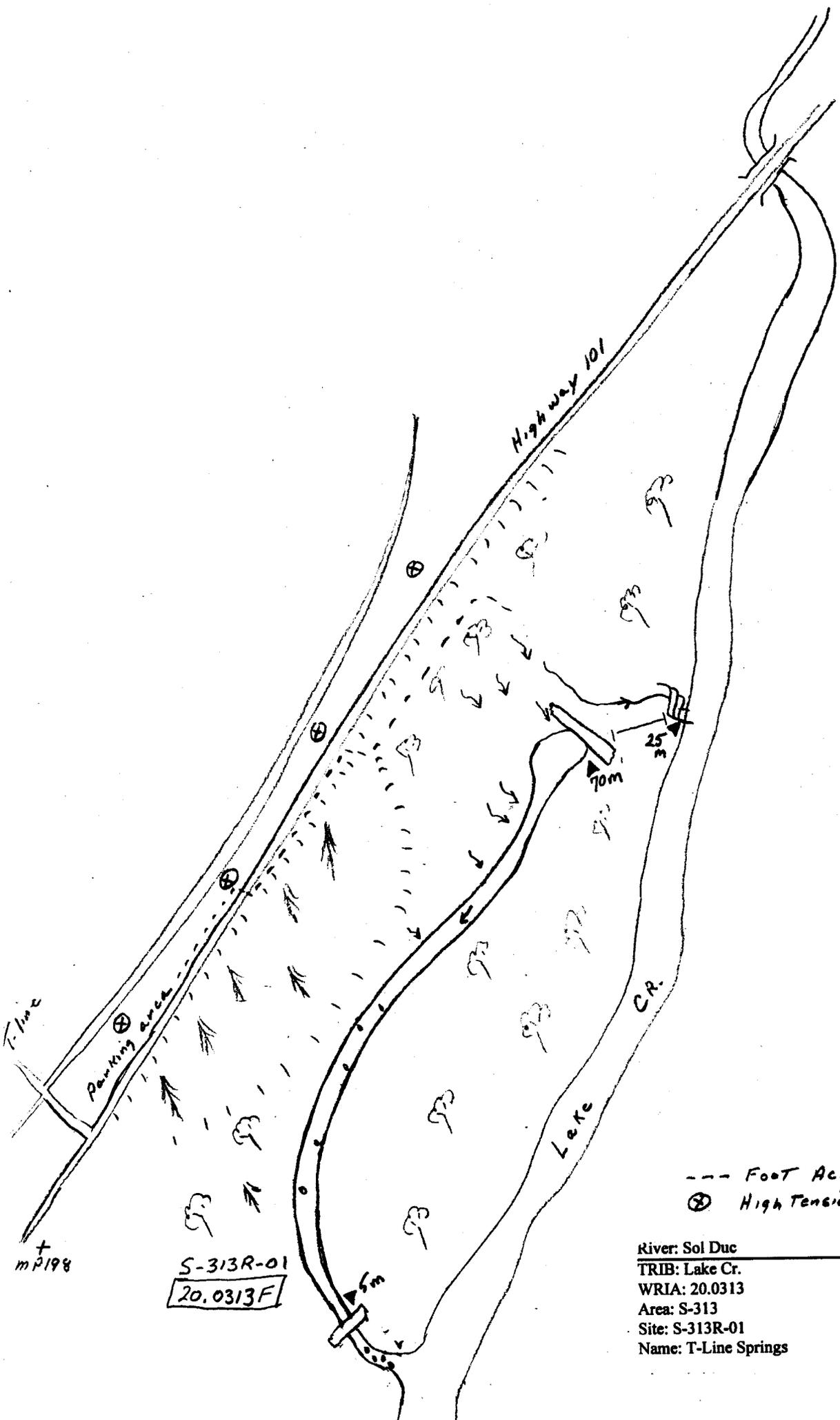
OBSERVER: Nettnin

Added woody debris for cover. Channel flowing

DATE: 10/30/03

OBSERVER: Nettnin

Looks good.



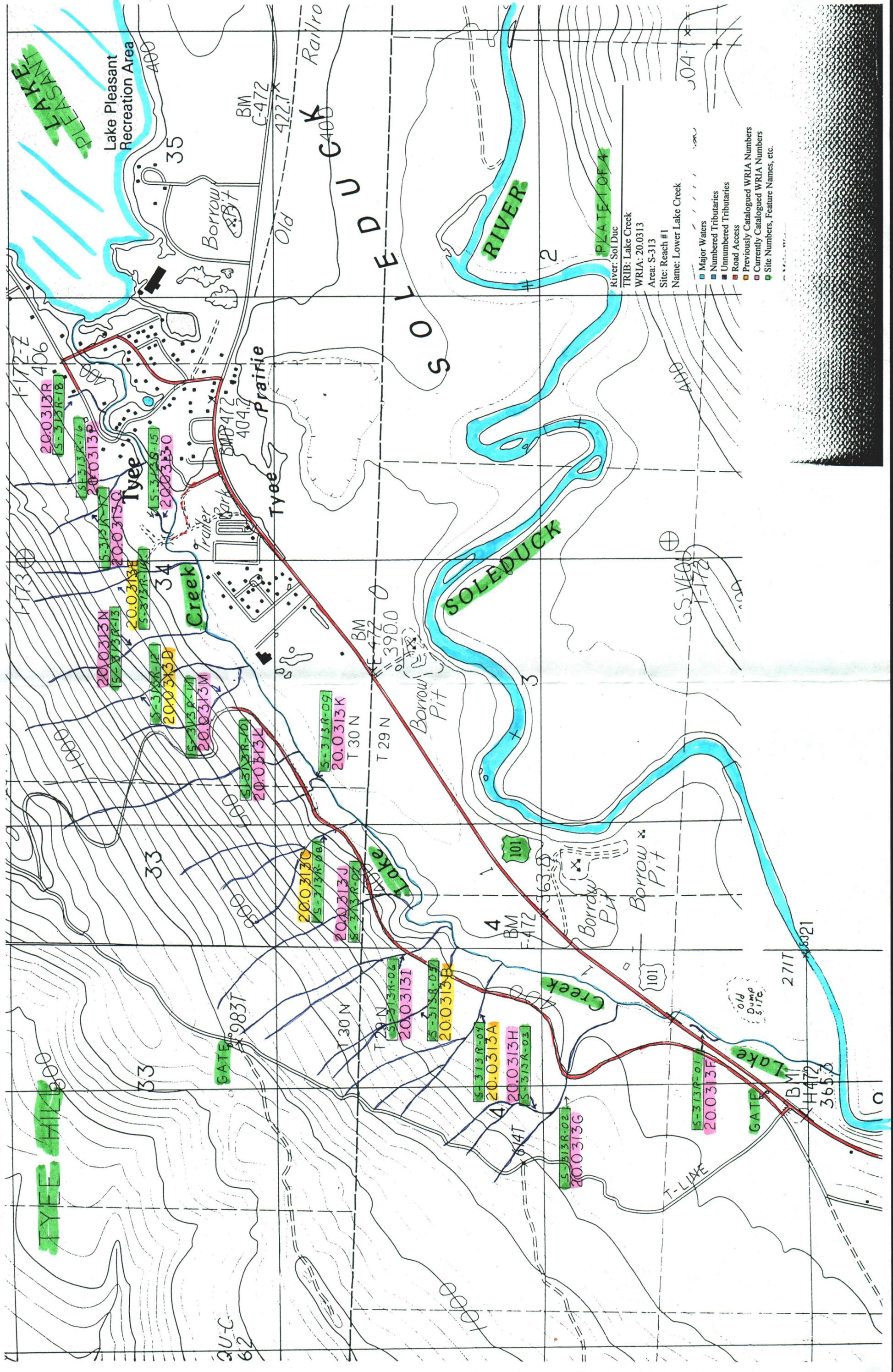
mp198

S-313R-01
 20.0313F

--- Foot Access
 ⊗ High Tension Power Poles

River: Sol Duc
 TRIB: Lake Cr.
 WRIA: 20.0313
 Area: S-313
 Site: S-313R-01
 Name: T-Line Springs





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

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

LAKE PLEASANT

SOLEDUCK RIVER

SOLEDUCK RIVER

PLATE 1 OF 4

TYEE HILL

LAKE

Creek

LAKE

30-C
62

GATE

Old Dump Site

271T
3521

BM
472
365.0

20033F

20033G

20.0313A
20.0313H

20.0313I
20.0313J

20.0313K
20.0313L

20.0313M
20.0313N

20.0313O
20.0313P

20.0313R
20.0313S

GS-VEG
T-172

BM
472
390.0

BM
472
404.2

BM
472
422.7

400
35

304