

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): Nettrin
River System: Sol Duc	Date: 4/22/99
Site Identifier: S-324L-04	WRIA: 20.0324K (P)
River Mile Location: 1.2	RB/LB: LB
Local Name: Garbage Dump Slough	Trib. to: Beaver Cr. 20.0324
Legal Description: NW¼ Sec 29 T30N R12W	County: Clallam
Habitat Type: Wall based channel	
Landowner: <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private - Rayonier Timber Operations Company - Possible other private individuals	

Directions to site:

North from Forks to M.P. 203.8. Turn left onto SR 113 and follow for 0.1 miles. Take a left on a road immediately past the guard rail to the left. Continue to the end of the road (it will come back to SR 113). Walk north toward the timber. Continue down the terrace to S-324L-04. **Do not** go down through the alder. A garbage dump will be encountered.

Site Overview:

This is a typical wall base channel. Springs emanate along the base of the terrace, pooling in the middle reach. The lower reach however, is dry except during high flows. The uppermost reach is in mature timber. The middle reach is in a younger alder stand and is somewhat open. The lower reach of the impounded area is impacted by an old garbage dump.

Habitat Information:

Water source: Springs

Intermittent/year-around: Unknown probably intermittent.

Estimated flows (cfs): Lower end: dry Upper end: 10 - 20 g.p.m.
- On 12/8/99 the flow was about ¼ cfs

Water temperatures: Lower end: 10.0°C Upper end: 8.0°C

Adjacent stream temperature (Beaver Cr. 20.0324): 9.0°C

Other water observations:

- There has been considerable illegal dumping along the terrace. Much of the trash is in the water and most likely there are contaminants leaching from the soil.
- Water is clear.

Site area measurements: Indirect Direct Combination

Widths: Channel- 0.7 - 1 m Ponds- 10 - 15 m Wetlands- NA

Depths: Channel- 5 - 10 cm Ponds- 1 m Wetlands- NA

Total length surveyed (includes ponds and wetlands): 165 m

On 12/8/99 The lower channel was watered. The width 1 - 2 m; the depth 15 - 30 cm.

Total existing habitat area (est.): 630 m²

Spawning area: 0 m²

Impounded area: 600 m²

Other rearing area: 30 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- NA

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The pond is moderately/well shaded by 25 - 30-year old deciduous trees.
- Cover is provided by small and large woody debris, shoreline brush and aquatic vegetation. Emergent vegetation is also present.
- Some cover is provided by the undesirable trash that has been dumped over the years.
- Dumping has ceased, but contaminants probably remain and leach into the water.
- The upper reach is shaded by mature conifer. The water sources are springs and a small boggy area. It has aquatic vegetation, woody debris and has over hanging brush.

Describe unaccessible habitat: During low flow conditions, this site is unaccessible.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- Small (5 - 15 m) typical soft, mucky area covered with water parsley and other aquatic vegetation.

Flooding potential: Low Medium High

Fish Information:

Site entry condition to (Beaver Creek 20.0324): Poor Fair Good

- Good entrance conditions when flows are high.
- Egresses into a large back eddy.
- There two egress channels.

Coho use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- At least 100 coho fry were observed throughout the pond and upper reach.

Other species use: Chum Pink Sockeye Chinook Trout

- No trout were identified. It is assumed they use this channel.

Habitat Improvements:

Enhancement opportunities:

Possible project type:

- Excavate portion of the lower channel so flows would reach the creek.
- Remove the trash
- Maintain the integrity of the channel.

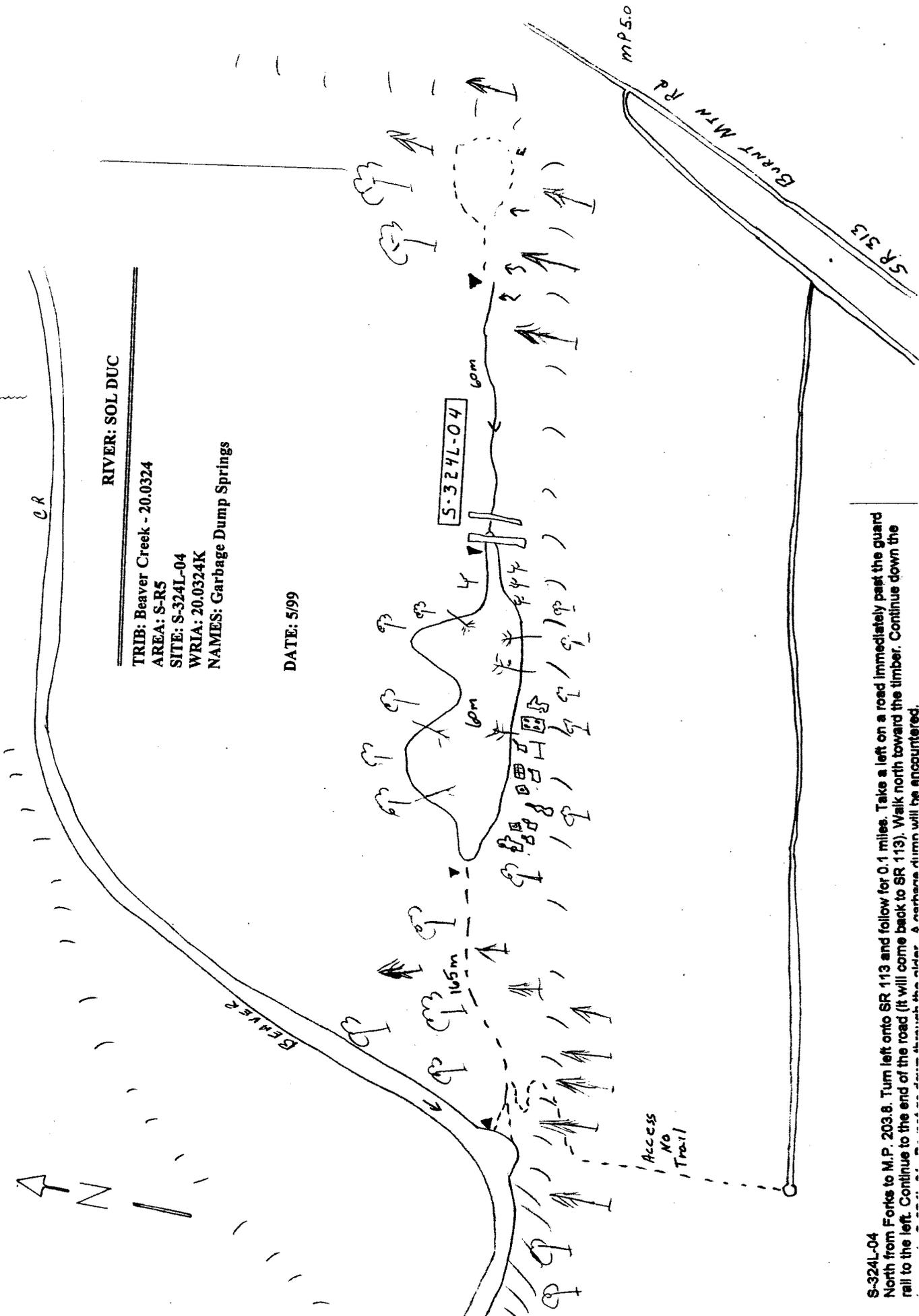
Additional Comments:

- G.P.S. readings: **Begin** East -1,077,063 North - 1,022,625; **End** East - 1,077,442 North - 1,022,514
- There is an abandoned rock pit on the terrace above the channel. The overburden may have been pushed over the side and caused impact to the channel.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

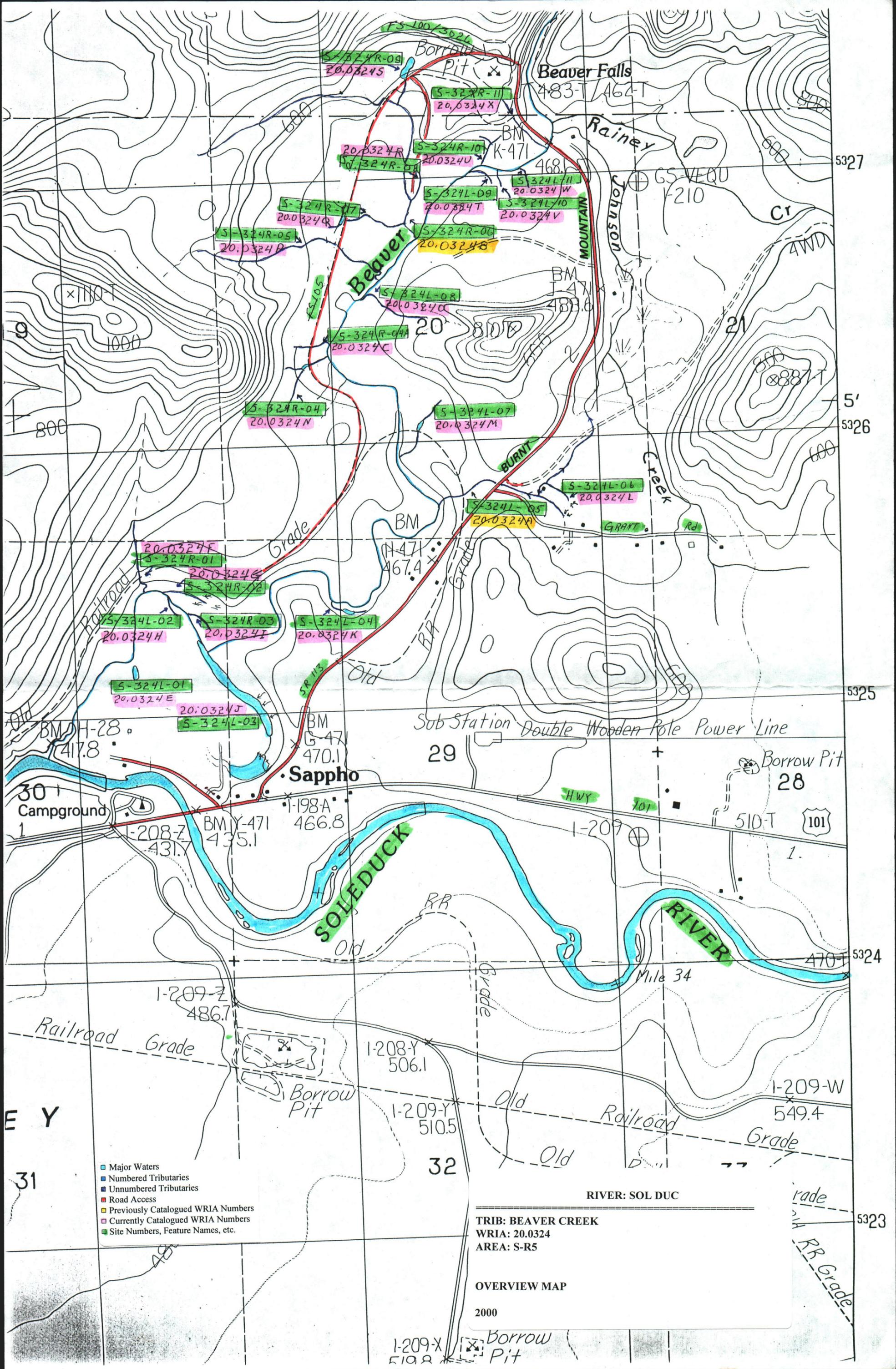
- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Aerials | <input checked="" type="checkbox"/> Sketch | <input checked="" type="checkbox"/> Maps | <input type="checkbox"/> Culvert Report |
| <input type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys | <input type="checkbox"/>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



TRIB: Beaver Creek - 20.0324
AREA: S-R5
SITE: S-324L-04
WRIA: 20.0324K
NAMES: Garbage Dump Springs

DATE: 5/99

S-324L-04
 North from Forks to M.P. 203.8. Turn left onto SR 113 and follow for 0.1 miles. Take a left on a road immediately past the guard rail to the left. Continue to the end of the road (it will come back to SR 113). Walk north toward the timber. Continue down the road through the timber. A northern dike will be encountered.



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

RIVER: SOL DUC

TRIB: BEAVER CREEK
 WRIA: 20.0324
 AREA: S-R5

OVERVIEW MAP
 2000

1-209-X
 510.2
 Borrow Pit