

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:**

<b>Region:</b> North Coast	<b>Observer(s):</b> Nettnin
<b>River System:</b> Sol Duc	<b>Date:</b> 4/16/98
<b>Site Identifier:</b> S-313L-11	<b>WRIA:</b> 20.0317BA (P)
<b>River Mile Location:</b> 0.45 mi.	<b>RB/LB:</b> RB
<b>Local Name:</b> Unnamed	<b>Trib. to:</b> Death Valley Creek (20.0317B)
<b>Legal Description:</b> SW ¼ Sec 18 T30N R12W	<b>County:</b> Clallam
<b>Habitat Type:</b> Lower Valley Wall Trib	
<b>Landowner:</b> <input type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input type="checkbox"/> Private - Department of Natural Resources	

**Directions to site:**

North from Forks (Hwy 101) to Sappho, turn left onto the Burnt Mountain Road (SR 113). Just past the bridge over Beaver Creek, turn left and drive through the rock pit. **WATCH FOR EQUIPMENT CROSSING !!** Continue for about a mile to a recent clearcut and turn left. Follow the road down to the end. S-313R-11 flows along the SW corner of the boundary of the unit.

**Site Overview:**

This short terrace tributary sources in a side slope wetland on the upper terrace basin. The channel flows through a wooded wetland and marsh before entering Death Valley Creek (20.0317B). A large beaver dam was located in the associated, mainstem channel - just below the confluence of this channel. The old beaver dam and other series of small dams had this channel impounded at one time. Since the main dam has breached, the lower 20 meters of channel has reverted to gravel substrate and supports spawning. The other dams are in disrepair and impounds only a small amounts of water. This channel provides excellent off channel, overwinter habitat for coho.

**Habitat Information:**

**Water source:** Springs

**Intermittent/year-around:** Unknown, probably intermittent

**Estimated flows (cfs):** Lower end: 0.1 - 0.2 Upper end: 0.01 - 0.05

**Water temperatures:** Lower end: 7.0°C Upper end: 6.5°C

**Adjacent stream temperature (Death Valley Creek):** 6.5°C

**Other water observations:** Clearwater

**Site area measurements:**  Indirect  Direct  Combination

Widths: Channel- 0.5 - 1.0 m Pond- NA Wetlands- 30 m  
Depths: Channel- 5 - 8 cm Pond- NA Wetlands- 5- 10 cm  
Total length estimated (includes ponds and wetlands): 150 m

**Total existing habitat area (est.):** 100 m<sup>2</sup>

Spawning area: 10 m<sup>2</sup>  
Impounded area: 0 m<sup>2</sup>  
Other rearing area: 90 m<sup>2</sup>

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

**Describe spawning habitat:**

- A good grade of gravel but it has some embedded fines.
- The spawning habitat is in the lower 20 m.

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

**Describe pond and other rearing habitat:**

- The channel is low gradient with old beaver dams that are in a state of decay.
- There is an adequate amount of woody debris in the channel and some suspended above.
- Overhanging brush provides some cover along the banks.

**Describe unaccessible habitat:** NA

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

- The wetlands are 30 - 50 meters wide. Shaded is provided by conifer and deciduous forest.
- The lower portion was once inundated due to beaver activity. It is now converted to open marsh.

**Flooding potential:**  Low  Medium  High

**Fish Information:**

**Site entry condition to Death Valley Creek:**  Poor  Fair  Good

**Coho access and use:**

- Juvenile-  Unknown  None  Poor  Fair  Good  
Adult-  Unknown  None  Poor  Fair  Good  
- 0+ and 1+ coho fry were observed in this channel.  
- At least one redd was observed in the lower reach.

**Other species access and use:**  Chum  Pink  Sockeye  Chinook  Trout

- It is assumed that some of the fry observed were trout.
- It is possible that sockeye spawn in this tributary.
- The channel is open and available to all species.

**Habitat Improvements:**

**Enhancement opportunities:**

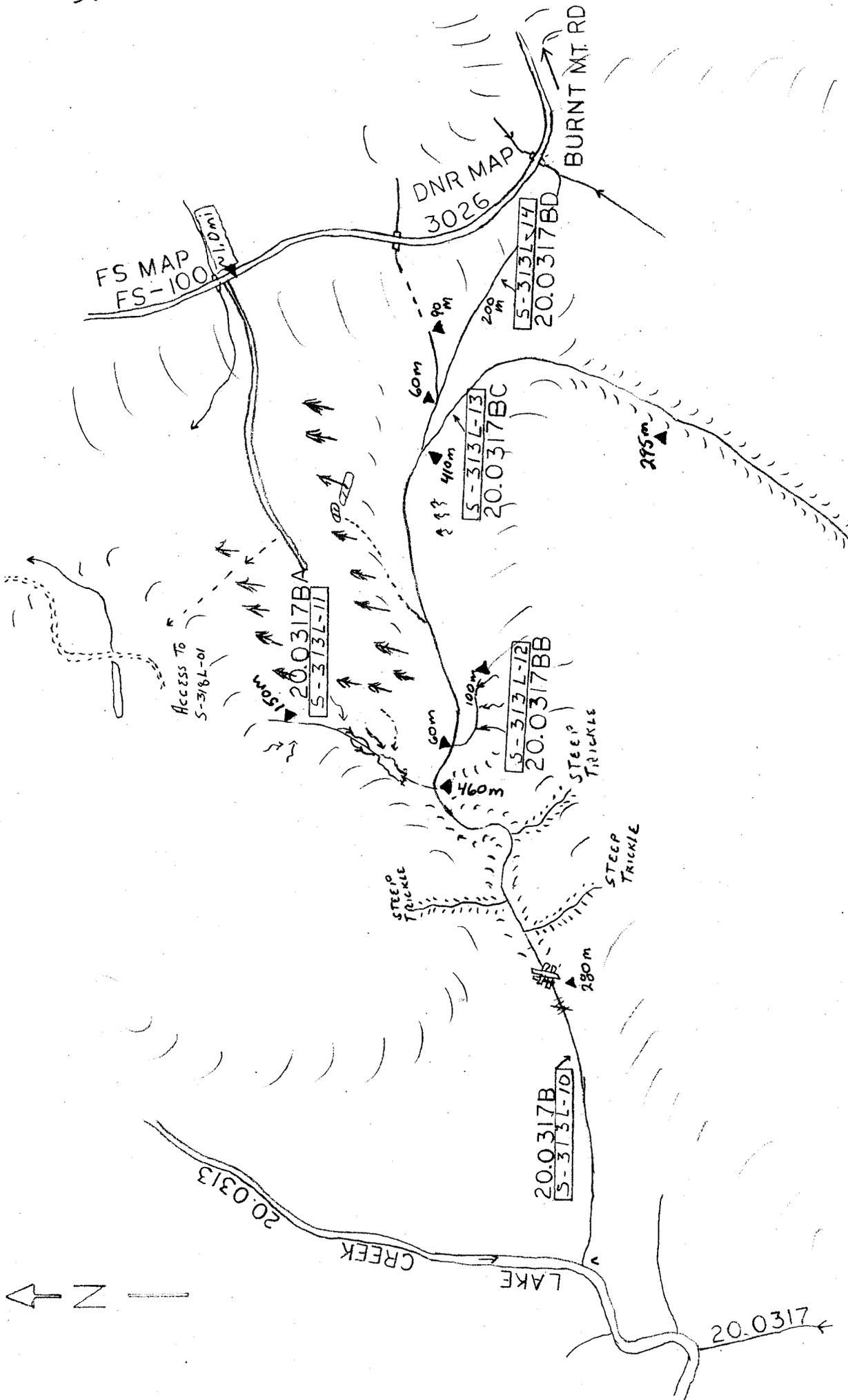
- Possible project type:  
- Replace beaver dams with plank weirs  
- Maintain the integrity of the stream.  
Equipment access: No access

**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 |



River: Sol Duc

TRIB: Lake Creek

WRJA: 20.0313 AREA: S-313L

Site: S-313L-10, S-313L-11, S-313L-12,

S-313L-13, S-313L-14

Names: Death Valley Cr., Unnamed....

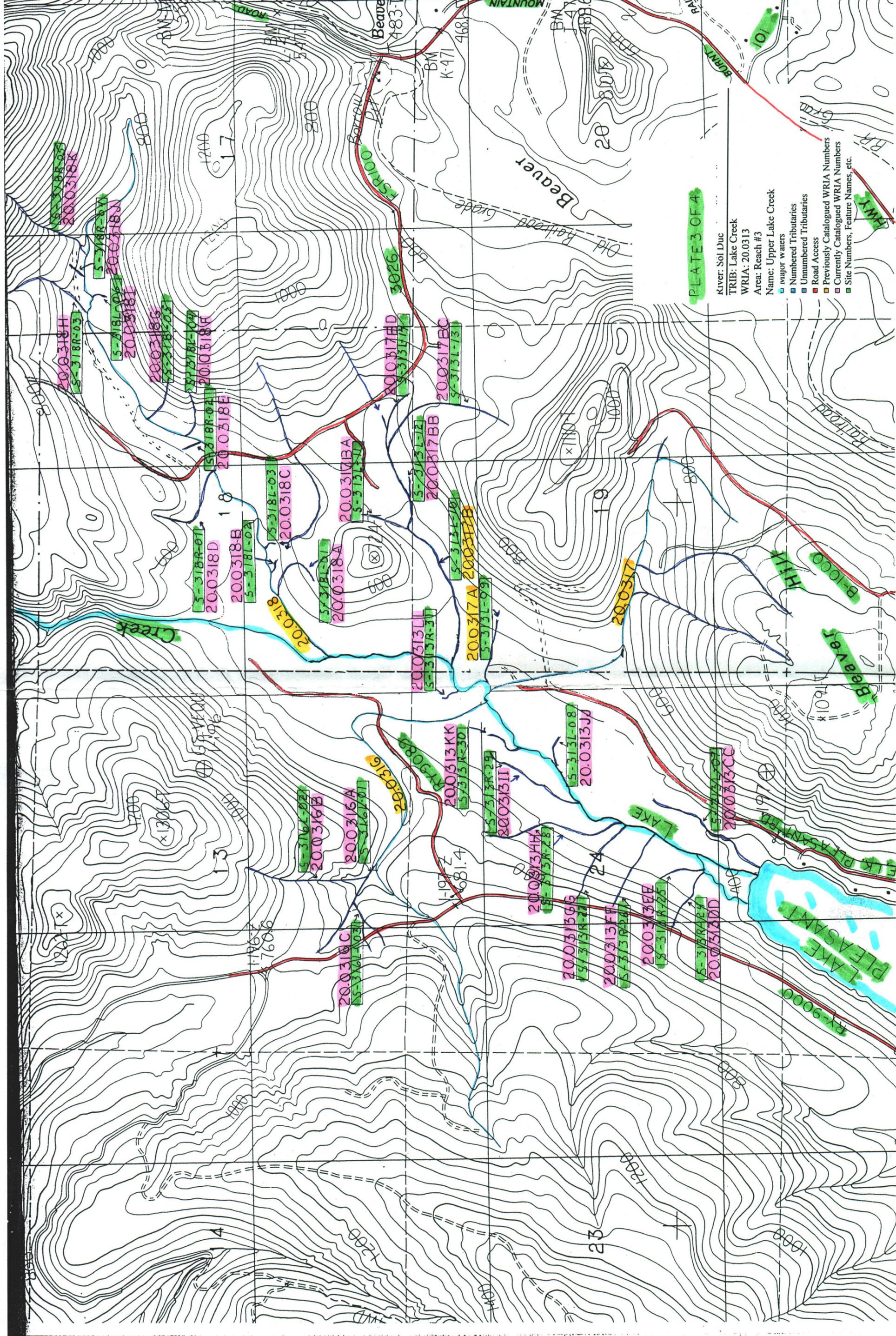


PLATE 3 OF 4

- 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

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