

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> Nettrin
<b>River System:</b> Sol Duc	<b>Date:</b> 3/23/98
<b>Site Identifier:</b> S-313L-08	<b>WRIA:</b> 20.0313JJ (P)
<b>River Mile Location:</b> 5.4 mi.	<b>RB/LB:</b> LB
<b>Local Name:</b> Unnamed	<b>Trib. to:</b> Lake Creek (20.0313)
<b>Legal Description:</b> NE ¼ Sec 24 T30N R13W	<b>County:</b> Clallam
<b>Habitat Type:</b> Terrace Trib	
<b>Landowner:</b> <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private - Possible Rayonier Timber operations Company	

**Directions to site:**

North from Forks on Highway 101 to MP 200.5. Turn left onto West Lake Pleasant Road, then bear to the right just past the Lake Creek bridge. Continue for about 2.9 miles (the county road ends at 1.0 mile and the 9000 line begins) to the 9089, the road to the right at the top of the hill. There will be a gate; a key can be obtained at the Rayonier Timber Operations Company Office in Forks. Follow the road to the bottom of the hill, cross the bridge and bear right from mainline. Walk out the skid road towards Lake Creek and bear right towards the cutting line. Follow the narrow harvest cut between lake Creek and a wetland. The larger creek that will be crossed is 20.0316. Continue to the end of the strip and follow Lake Creek downstream on the LB for about 100m. A small left bank tributary with a half meter cascade will be encountered. This is S-313L-08.

**Site Overview:**

This channel sources in the same wetland complex as Lake Slough (**GIVE A WRIA OR CHANNEL NUMBER**). This wetland complex has been partially disturbed by past logging. It is a short, small channel under a deciduous stand with scattered conifer. This channel provides quality off channel habitat.

**Habitat Information:**

**Water source:** wetland seeps and surface runoff

**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: 9.0°C Upper end: 9.0°C  
- Temperature on 1/26/99: Lower end - 5.5°C

**Adjacent stream temperature (Lake Creek):** 8.0°C  
- Temperature on 1/26/99: 7.5°C

**Other water observations:**

**Site area measurements:**  Indirect  Direct  Combination

Widths: Channel- 0.6 - 1.3 m Pond- NA Wetlands- ~10 - 20 m

Depths: Channel- 5 - 15 cm Pond- NA Wetlands- 2 - 5 cm

Total length estimated (includes ponds and wetlands): 50 m

**Total existing habitat area (est.):** 50 m<sup>2</sup>

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

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

Other rearing area: 50 m<sup>2</sup>

**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:**

- Lacks diversity of woody debris. The wood is small, less than three inches in diameter.
- There are sedges, skunk cabbage and other aquatic vegetation providing cover.
- The under story is made up of vine maple, salmonberry, devils club, huckleberry, and young alder

**Describe unaccessible habitat:**

- There is a half meter cascade at the mouth. The channel may be unaccessible at least part of time.

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

- The overstory is made up of 20 - 30 year old spruce, cedar, hemlock and alder. The under story is vine maple, salmonberry and false huckleberry.
- The marsh has scattered alder, salmonberry, devils club, slough sedge and other herbaceous growth.

**Flooding potential:**  Low  Medium  High

**Fish Information:**

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

- Has a half meter cascade at the mouth

**Coho access and use:**

Juvenile-  Unknown  None  Poor  Fair  Good

Adult-  Unknown  None  Poor  Fair  Good

- No fish were observed during the initial survey.

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

- It is unknown if trout use this channel.

**Habitat Improvements:**

**Enhancement opportunities:**

Possible project type:

- Plank weir installation to help pass fish over existing cascades and backwater channel.
- Maintain the integrity of the stream.

Equipment access: No access

**Additional Comments:**

- This small channel would likely be protected by Lake Creek setbacks. I felt documentation was needed in case the landowner insisted on harvesting part of the existing timber.

**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-313L-08

Site Name: "S" Hole Channel

WRIA: 20.0313JJ (P)

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DATE: 1/26/99

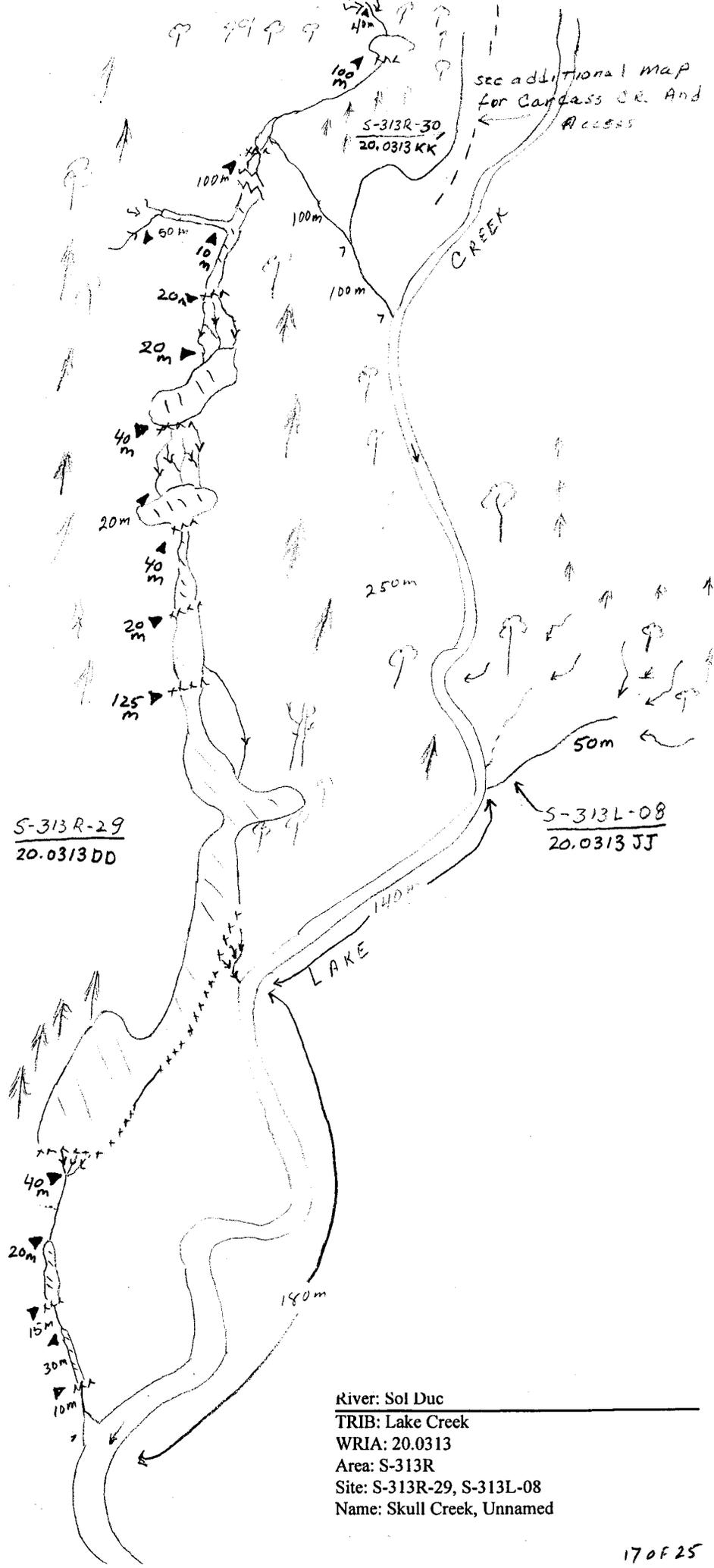
OBSERVER: Darrow/Nettrn

**MINNOW TRAPPING REPORT**

TRAP	DATE		DATE		CATCH				
	SET	TEMP	PULLED	TEMP	COHO	TROUT			COTTID
						RBT	CUTT	0+	
1	1/26	5.5.0°C	1/27	5.5°C	1	0	1	0	0
2	1/26	5.5°C	1/27	5.5°C	0	0	2	0	1
<b>TOTALS:</b>					1	0	3	0	1

**COMMENTS:**

- Trap 1 was placed about 20 m above the confluence in about 25 cm of water. Small woody debris and aquatic vegetation provide cover under an old mature forest.
- Trap 2 was placed about 30 m above the confluence in about 25 cm of water. Small woody debris and aquatic vegetation provide cover under an older, scattered conifer and younger, denser deciduous forest.
- All traps were baited with salmon roe.



S-313R-29  
20.0313 DD

S-313L-08  
20.0313 JJ

River: Sol Duc  
TRIB: Lake Creek  
WRIA: 20.0313  
Area: S-313R  
Site: S-313R-29, S-313L-08  
Name: Skull Creek, Unnamed

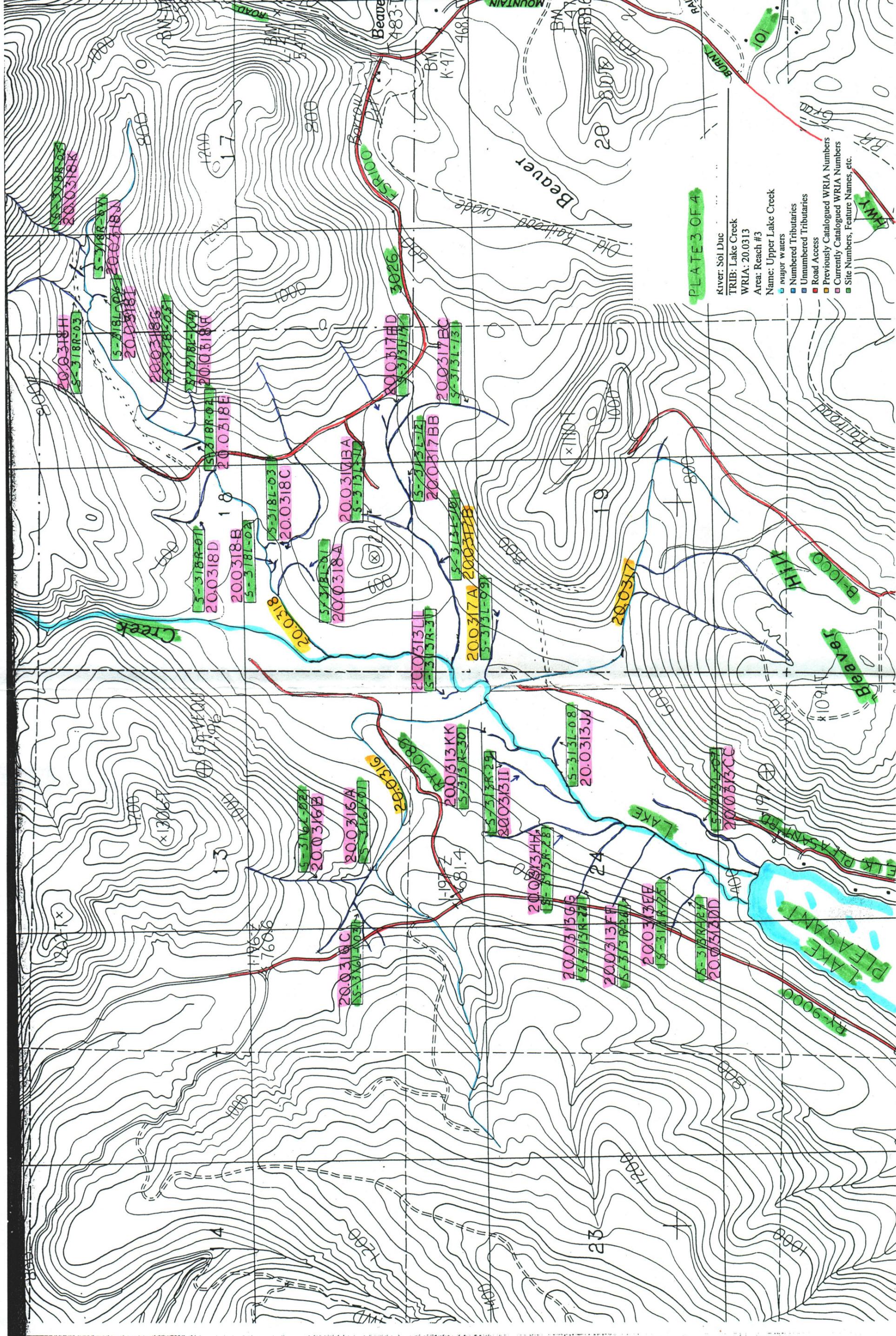


PLATE 3 OF 4

- 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.

101  
 1000  
 9000

20.0318H  
 5-318R-03  
 20.0318K  
 5-318R-04  
 20.0318J  
 5-318R-05  
 20.0318G  
 5-318R-06  
 20.0318F  
 5-318R-07  
 20.0318E  
 5-318L-01  
 20.0318D  
 5-318L-02  
 20.0318C  
 5-318L-03  
 20.0318B  
 5-318L-04  
 20.0318A  
 5-318L-05  
 20.0317D  
 5-317L-01  
 20.0317C  
 5-317L-02  
 20.0317B  
 5-317L-03  
 20.0317A  
 5-317L-04  
 20.0316  
 5-316L-01  
 20.0313KK  
 5-313K-30  
 20.0313JJ  
 5-313L-08  
 20.0313GG  
 5-313G-71  
 20.0313FF  
 5-313F-72  
 20.0313EE  
 5-313E-73  
 20.0313DD  
 5-313D-74  
 20.0313CC  
 5-313C-75