

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 River	<b>Date:</b> 3/28/00
<b>Site Identifier:</b> S-326R-06	<b>WRIA:</b> 20.0326F (P)
<b>River Mile Location:</b> 0.5	<b>RB/LB:</b> RB
<b>Local Name:</b> Unnamed	<b>Trib. to:</b> Johnson Creek (20.0326)
<b>Legal Description:</b> NE¼ Sec 20 T30N R12W	<b>County:</b> Clallam
<b>Habitat Type:</b> Terrace trib (drainage from wetland)	
<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 - Unknown private	

**Directions to site:** North from Forks on highway 101 to M.P. 203.9. Turn left onto SR 113 and follow for 1.5 miles to a gravel road to the right. This is a private driveway with a gate. Park (do not block gate) and walk the right fork of the driveway to the bridge. Follow the right bank of Johnson Creek upstream 250 meters. Before going into a large wetland (by an old shack), there will be a small right bank tributary. This is S-326R-06.

**Site Overview:** This is a small terrace tributary that is located in the mid reach of Johnson Creek. It is part of a large marsh, scrub/shrub and forested wetland complex. It receives water from individual springs and seeps as it flows across the wetland complex.

**Habitat Information:**

**Water source:** Springs and seeps from the wetland

**Intermittent/year-around:** intermittent

**Estimated flows (cfs):** Lower end: 0.01 - 0.10 Upper end: 0.01 - 0.05

**Water temperatures:** Lower end: 6.0 °C Upper end: 5.5 °C

**Adjacent stream temperature Johnson Creek (20.0326):** 6.5 °C

**Other water observations:** Clear water

**Site area measurements:**  Indirect  Direct  Combination

Widths: Channel- 1.0 m Ponds- NA Wetlands- See wetland description

Depths: Channel- 3 - 30 cm Ponds- NA Wetlands- " " "

Total length surveyed (includes ponds and wetlands): 60 m.

**Total existing habitat area (est.):** 60 m<sup>2</sup>

Spawning area: 00 m<sup>2</sup>

Impounded area: 00 m<sup>2</sup>

Other rearing area: 60 m<sup>2</sup>

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

**Describe spawning habitat:**

- No gravel available.

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

**Describe pond and other rearing habitat:**

- Lacks woody debris. Aquatic vegetation and skunk cabbage provide some cover.
- Alder, 15 - 20 years of age, provides 90% shade coverage.
- The channel has a gradient of 2%.

**Describe unaccessible habitat:** NA

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

- This channel drains a portion of a large wetland. The overall dimensions of the wetland are approximately 700 m long and 300 m wide.
- This wetland complex is located in the middle reach of Johnson Creek and is separated from the lower Johnson Creek/Rainey Creek wetland by a minor flat upland. The saturation zones could be interconnected.
- The predominant overhead shade producer is deciduous tree and brush species with scattered conifer mixed in. The canopy closure ranges from dense closure 90 - 100% over the area drained by the smaller tributaries, to moderate closure 40 - 60% along the main stems, to total lack of canopy in the open marsh and beaver ponds.
- The under story is mainly salmonberry, interspersed with stink berry and vine maple, ranging from very dense to moderate.
- The forested wetland is the most dominant type of wetland in this complex.

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

- The lower reach back waters during high water. It is probably used as a refuge bay at that time.

**Fish Information:**

**Site entry condition to Johnson Creek (20.0326):** () Poor () Fair (X) Good

- This channel egresses into an impounded marsh area of the wetland along the mainstem of Johnson Creek.

**Coho access and use:**

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

- No juveniles were observed during the survey.
- Coho are documented to spawn in the mainstem of Johnson Creek below and above the wetland. There is no available gravel in this channel.

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

- Trout were not identified during the survey. It is assumed that they would use this channel.
- Trout were observed in the mainstem.

**Habitat Improvements:**

**Enhancement opportunities:**

- Possible project type
- Maintain the integrity of the channel and the overall wetland.

Equipment access: No

**Additional Comments:**

- The Quileute Nation has a spawner index on the reach of Johnson Creek below the wetland and

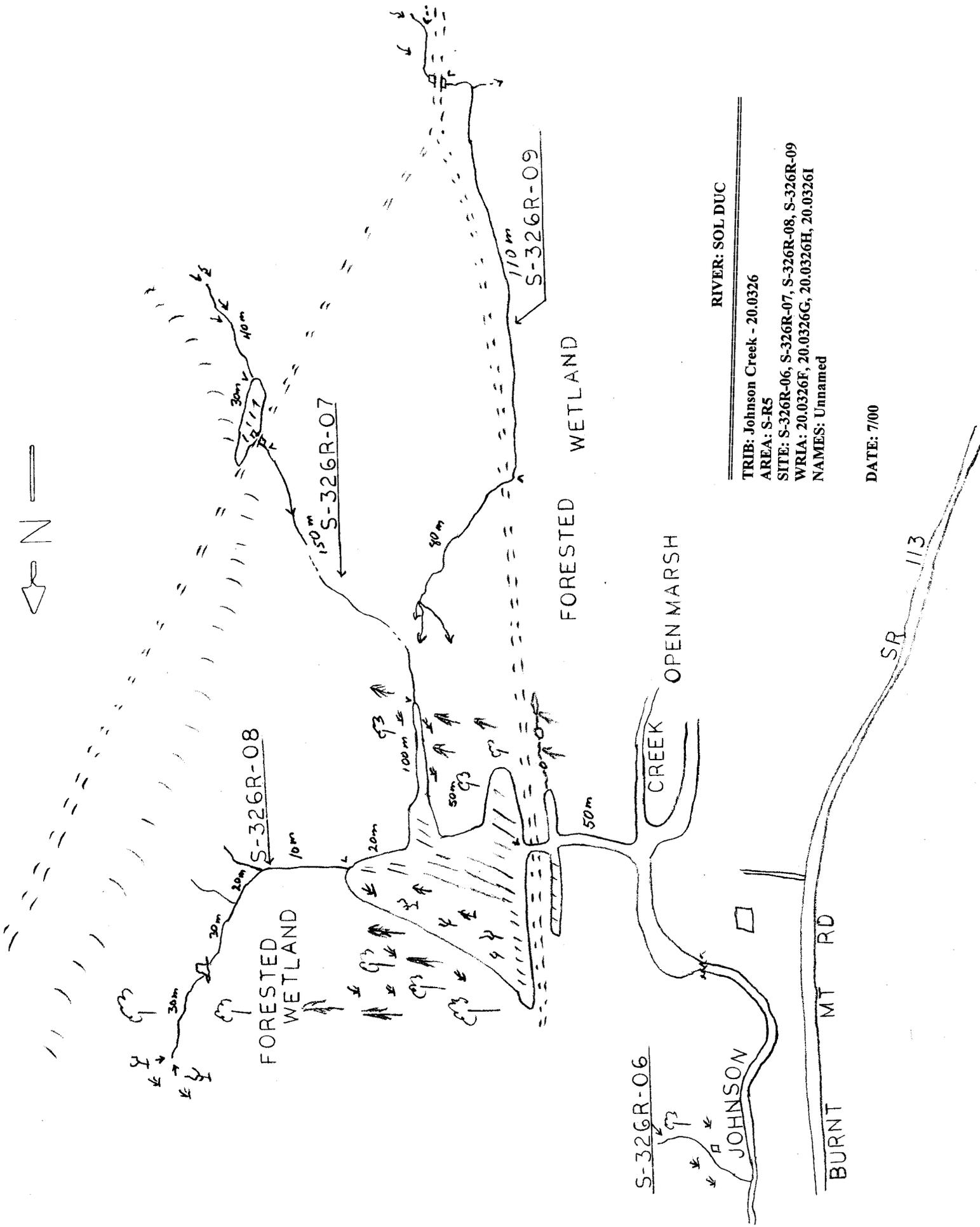
one above the wetland.

- Johnson Creek has not been depicted correctly in the WRIA catalog. The associated numbering in relation to this channel is in error. The stream catalog does not show the lower reach of Johnson Creek. A supplemental number 20.0324C, was assigned to represent this creek. However, the catalog shows a left bank tributary (20.0326) to Rainey Creek at RM 1.2. This tributary is in fact, the upper reach of Johnson Creek. It is suggested that all of Johnson Creek be given the WRIA number 20.0326. This document reflects this change.

**Attachments Available:**

**Contact respective SSHEAR habitat biologist for the following checked items:**

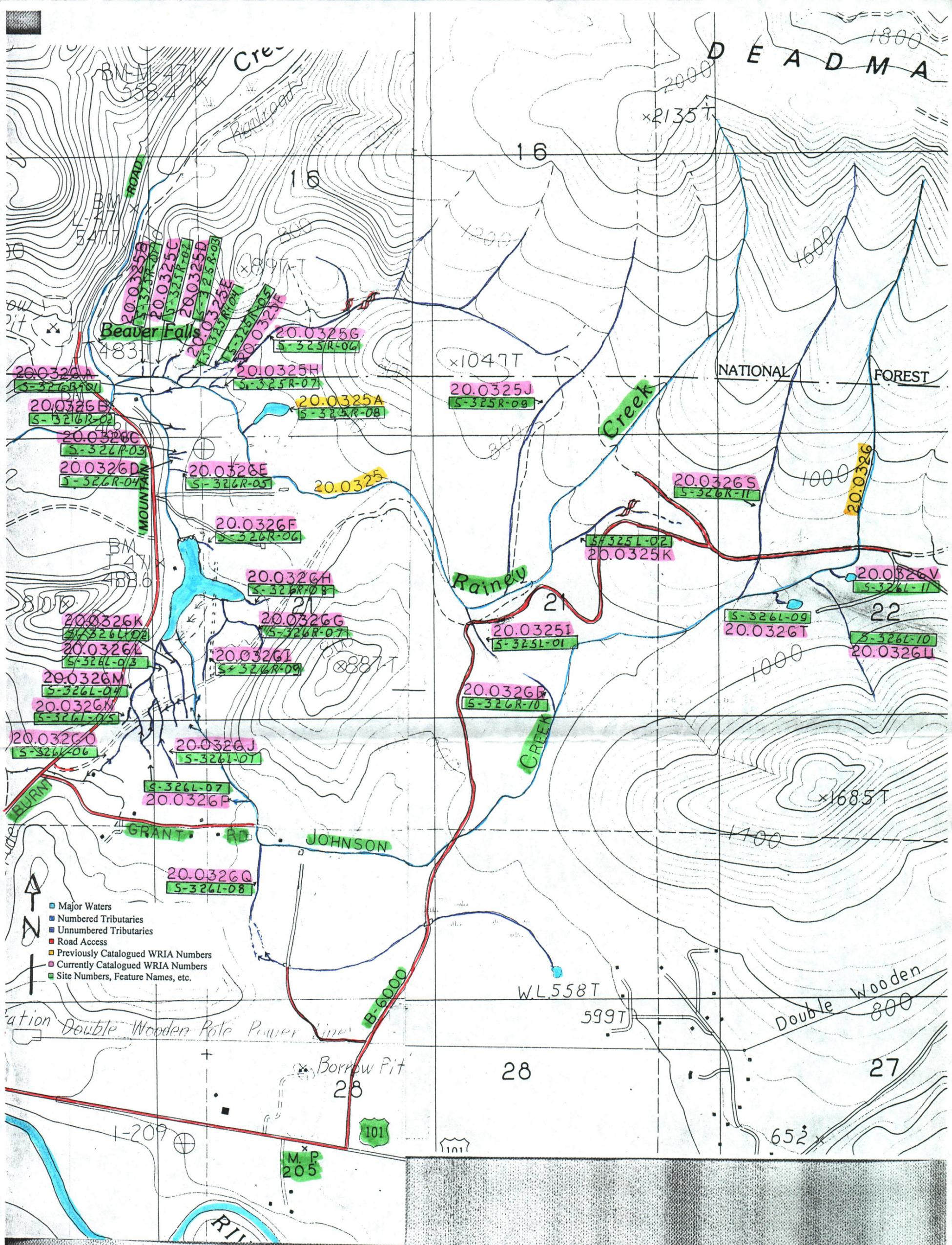
- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Aerials          | <input checked="" type="checkbox"/> Sketch | <input type="checkbox"/> Maps              | <input type="checkbox"/> Culvert Report |
| <input type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys 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



RIVER: SOL DUC

TRIB: Johnson Creek - 20.0326  
AREA: S-R5  
SITE: S-326R-06, S-326R-07, S-326R-08, S-326R-09  
WRIA: 20.0326F, 20.0326G, 20.0326H, 20.0326I  
NAMES: Unnamed

DATE: 7/00

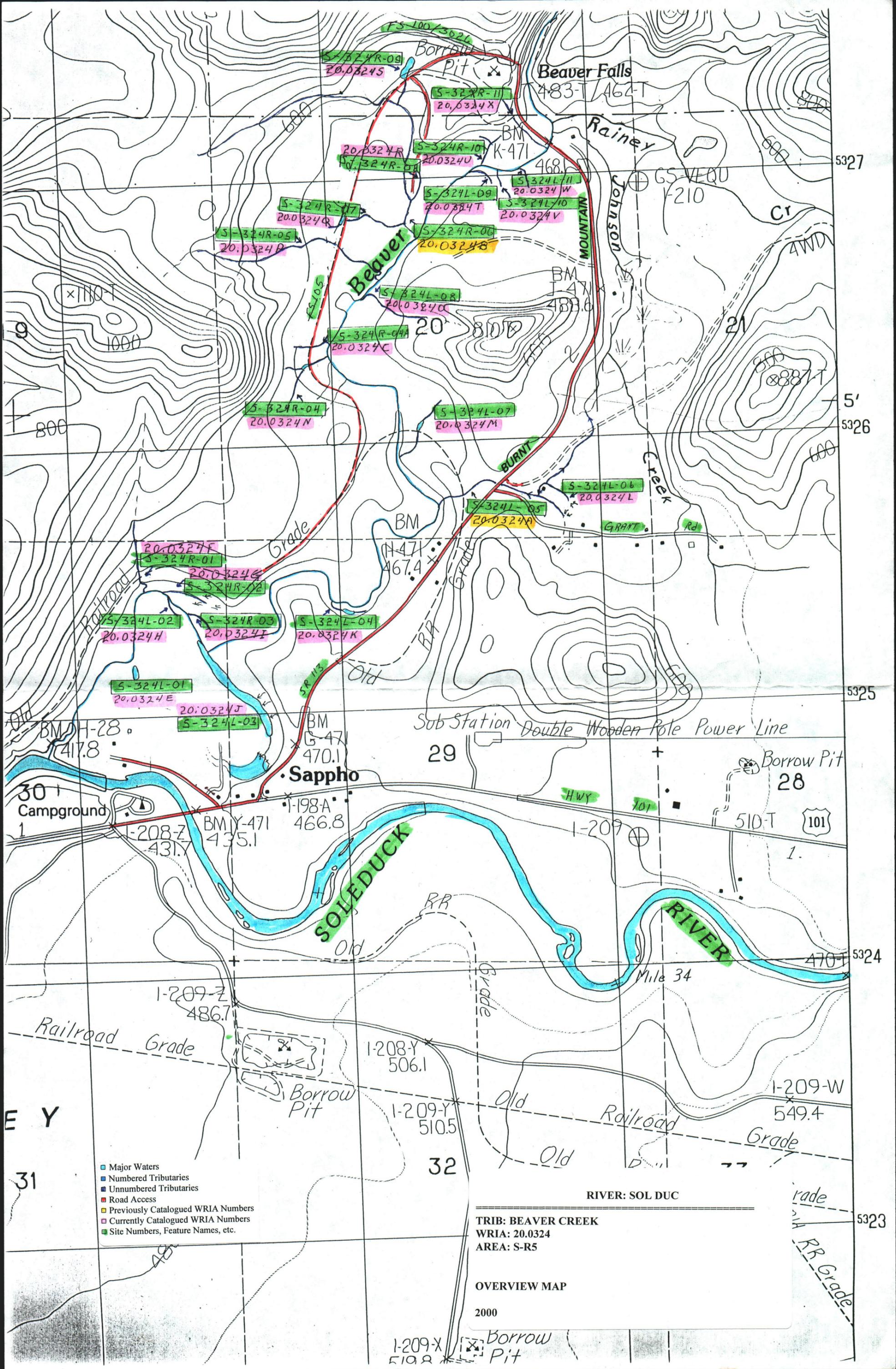


RIVER: SOL DUC

TRIB: JOHNSON CREEK & RAINEY CREEK  
 WRIA: 20.0326, 20.0325  
 AREA: S-R5

OVERVIEW MAP

2000



- 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