

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): Nettnin
River System: Sol Duc River	Date: 4/20/00
Site Identifier: S-325R-07	WRIA: 20.0325H (P)
River Mile Location: 0.23	RB/LB: RB
Local Name: Unnamed	Trib. to: Rainey Creek (20.0325)
Legal Description: NW¼ Sec 21 T30N R12W	County: Clallam
Habitat Type: Spring Creek	
Landowner: <input type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private - Unknown private - Possible Department of Natural Resources	

Directions to site: North from Forks on highway 101 to M.P. 203.9. Turn left onto SR 113 follow for 2.1 miles. Pull into wide parking area by Beaver Falls. Walk back down to the bridge and follow the left bank of Beaver Creek upstream to the second left bank tributary. This is Rainey Creek. Follow Rainey Creek upstream for 370 meters to S-325R-07

Site Overview: This small spring fed system flows into the large forested wetland complex that is located between Rainey Creek and the toe of the valley wall. It is similar to the other five identified channels located downstream: short and has a spring water source. This channel does differ in several aspects: the channel is more incised, the forest floor adjacent to the channel has less saturated soils, and the springs emanate from the base of a small upland terrace rather than draining a portion of the larger wetland. This channel may receive ground water from S-325R-06.

Habitat Information:

Water source: Springs

Intermittent/year-around: Year-around

Estimated flows (cfs): Lower end: 0.1 - 0.15 Upper end: 0.01 - 0.03

Water temperatures: Lower end: 7.5 °C Upper end: 7.5 °C

Adjacent stream temperature: 8.5 °C

Other water observations: Clear water

Site area measurements: Indirect Direct Combination

Widths: Channel- 1.0 - 2.0 m Ponds- NA Wetlands- See wetland description

Depths: Channel- 5 - 15 cm Ponds- NA Wetlands- " " "

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

Total existing habitat area (est.): 75 m²

Spawning area: 00 m²

Impounded area: 00 m²

Other rearing area: 75 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The aggregate is small and somewhat angular. It is void of fines.
- It is limited to the upper 20 meters of the channel.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- Lacks in stream woody debris.
- It has overhanging banks and low overhanging brush for cover.
- Salmonberry and alder provide 70% overhead cover and shade.
- Channel has a gradient of 2%.
- There is a small beaver dam near the mouth.

Describe inaccessible habitat: NA

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- This channel flows into a large forested wetland complex. The overall dimensions of the wetland are approximately 700 m long and 200 - 400 m wide. This wetland drains into both Rainey Creek and Johnson Creek. There are eight channels that drain from the wetland into the lower 500 m of Rainey Creek. There are four channels that drain into lower 400 m of Johnson Creek.
- Alder is the predominant shade provider with some conifer mixed in. The canopy closure has a variety of ranges: dense closures of 90 - 100% over the area drained by the smaller tributaries, moderate closure of 40 - 60% along the mainstem reaches, and a total lack of a canopy in the open marsh and beaver pond areas.
- The under story is dense to moderate and is composed of primarily salmonberry, interspersed with stink berry and vine maple.

Flooding potential: Low Medium High

- This channel probably is utilized for high water refuge.

Fish Information:

Site entry condition to Rainey Creek (20.0325): Poor Fair Good

- Shares associated, backwater braid entrance with S-325R-06.
- This area of the mainstream is braided due to beaver activity and alluvial deposits.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Juveniles were observed during the inventory.
- The species were not identified. They appeared to be both young of the year and 1+ parr.
- Coho adults may utilize this channel.
- Coho are documented to spawn in the mainstem of Rainey Creek.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Trout were not identified during the inventory but it is assumed that they 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

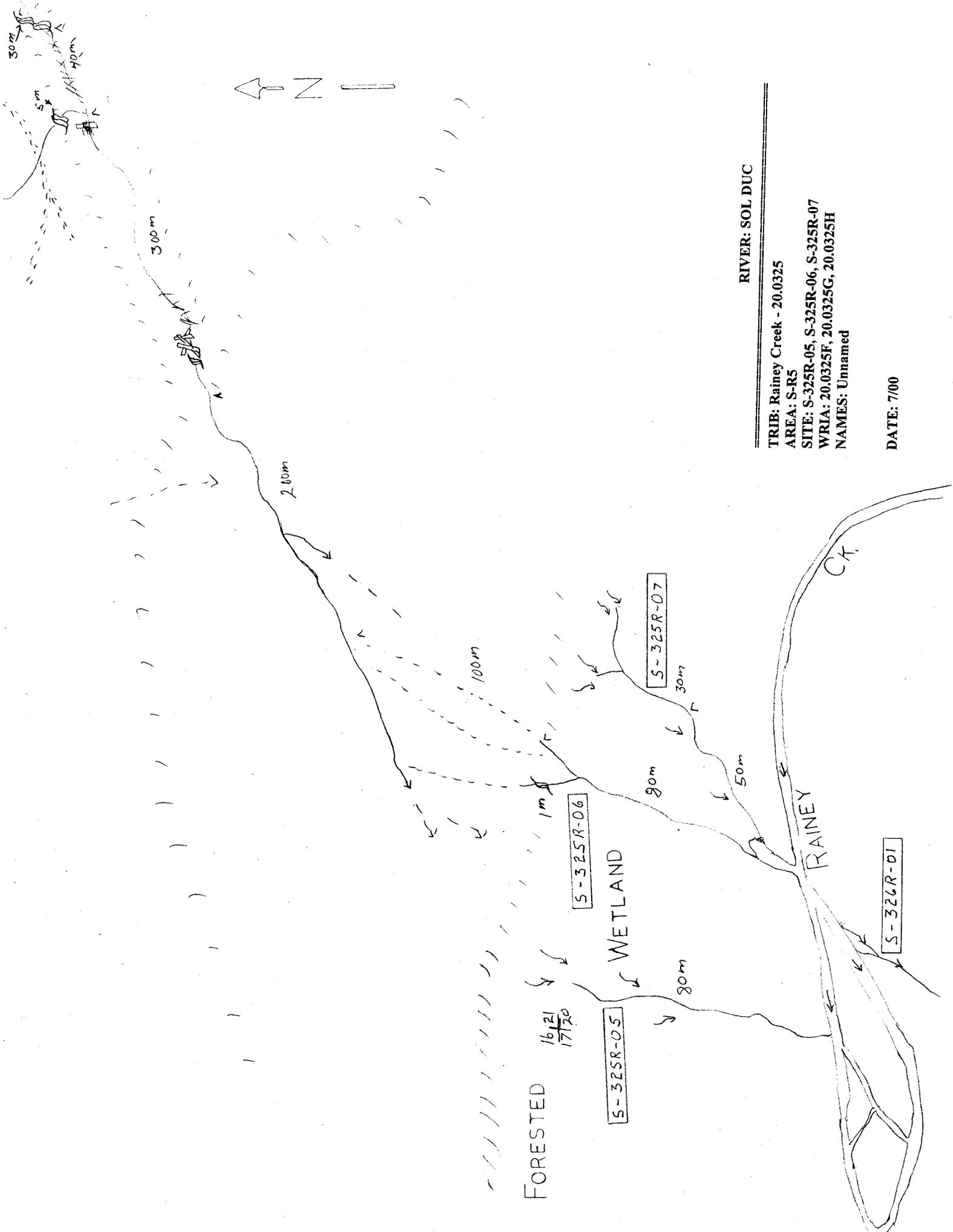
Additional Comments:

- The Quileute Nation has a spawner index on this reach of Rainey Creek

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: Rainey Creek - 20.0325

AREA: S-R5

SITE: S-325R-05, S-325R-06, S-325R-07

WRIA: 20.0325F, 20.0325G, 20.0325H

NAMES: Unnamed

DATE: 7/00

FORESTED

WETLAND

RAINNEY

CR

16/21
17/20

S-325R-06

S-325R-05

S-325R-07

S-326R-01

300m

200m

100m

80m

50m

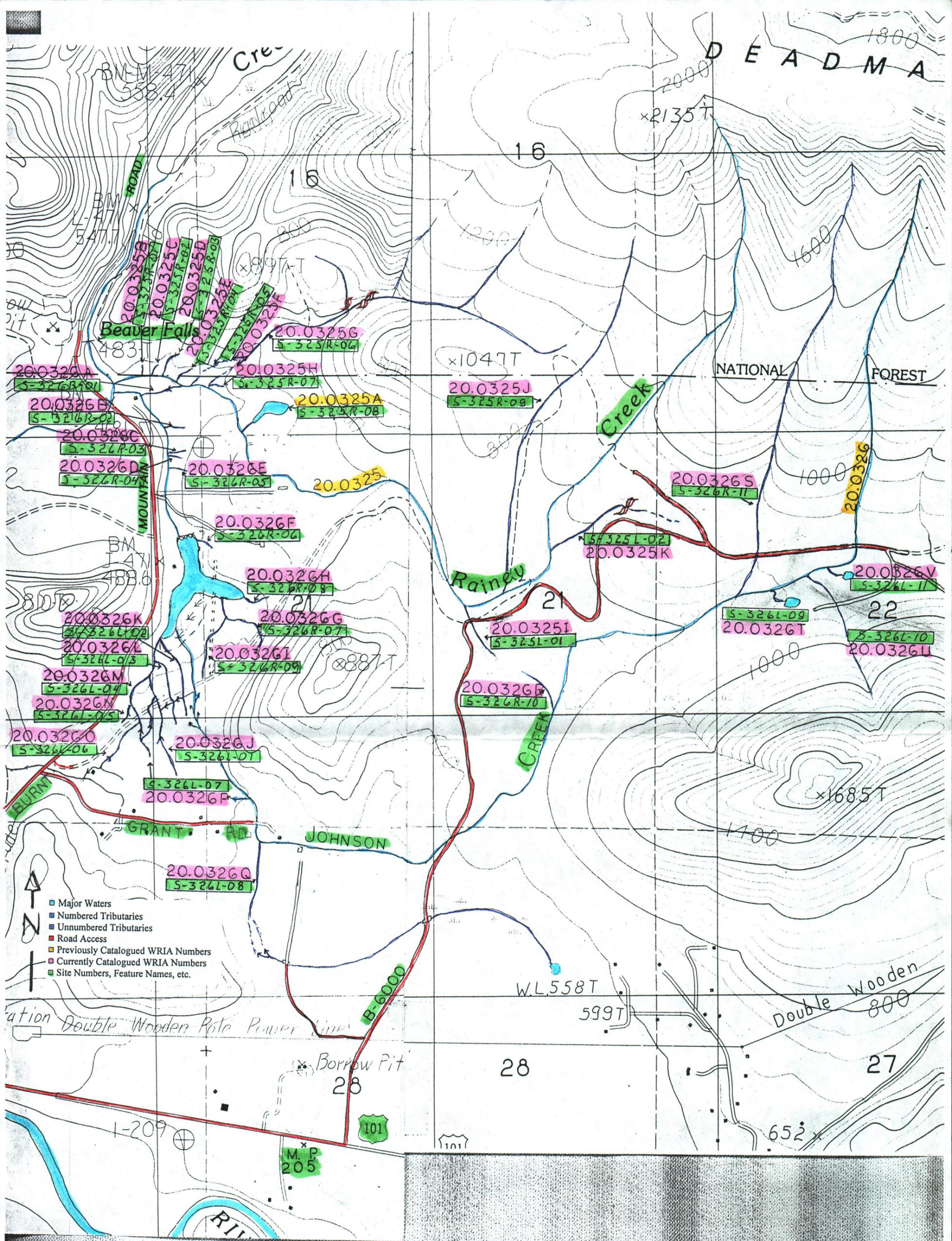
30m

80m

30m

5m

40m

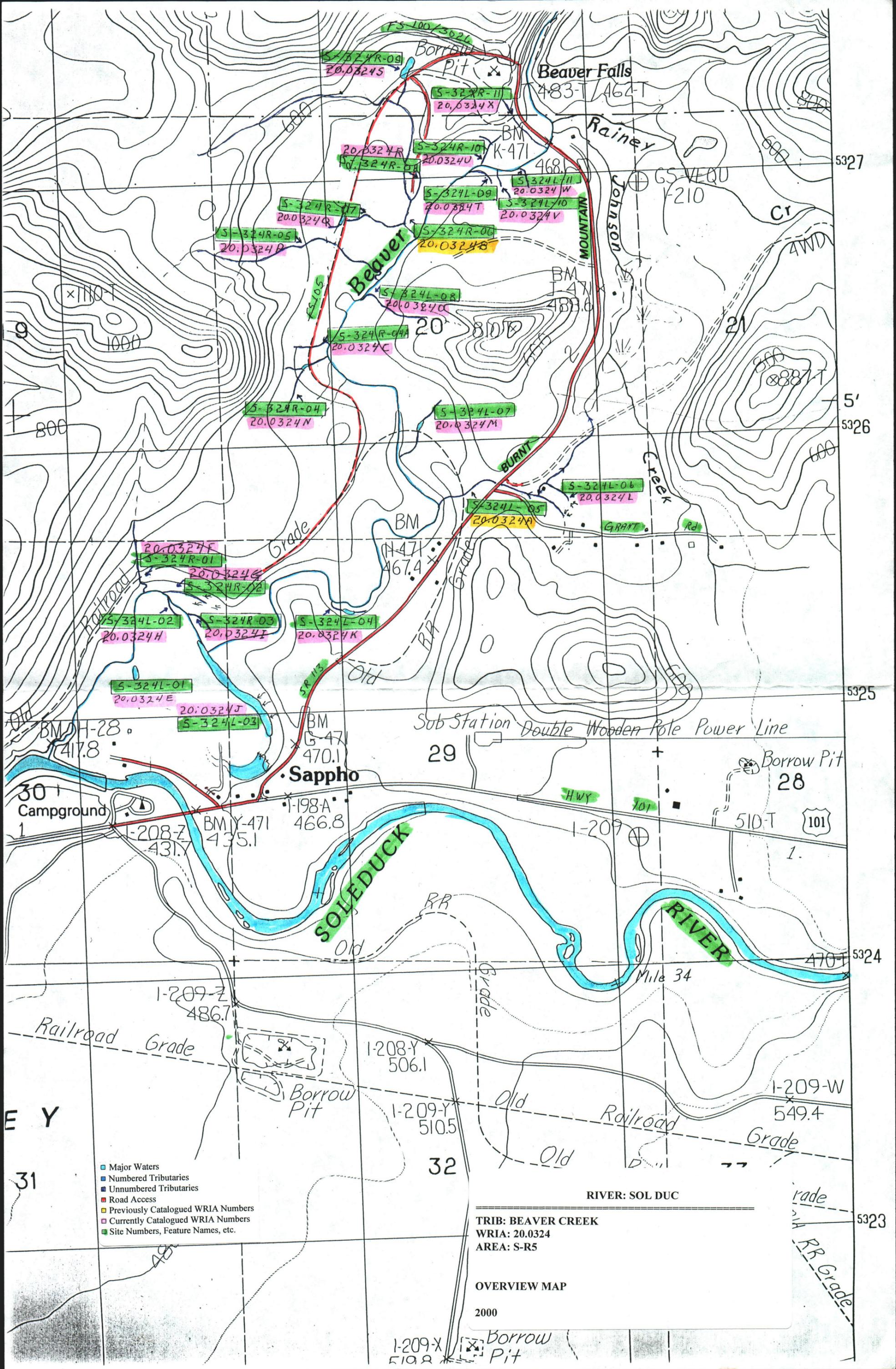


RIVER: SOL DUC

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
 519.2
 Borrow Pit