

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

Describe spawning habitat:

- No gravel available for spawning.

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

Describe pond and other rearing habitat:

- The pond associated with this channel backwaters from a beaver dam in channel S-326L-04. It is 40 meters long and about 2 meters wide. It is shaded by overhanging brush under deciduous trees.
- The channel has small woody debris. Aquatic vegetation and skunk cabbage provide cover.
- The channel is well shaded by a deciduous forest with salmonberry and other brush species as an understory.
- The channel has a gradient of 2 - 4%

Describe inaccessible habitat: NA

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

- This channel drains a small portion of a large wetland. This channel and associated tributaries, drains the southern portion of the wetland.
- This portion of the wetland is forested with a strip of 60 - 80-year old deciduous trees adjacent to conifers.
- The overall dimensions of the wetland are approximately 700 m long and 300 m wide.
- The complex is located in the middle reach of Johnson Creek. It is separated from the lower Johnson Creek/Rainey Creek wetland by a low, flat upland. The saturation zones could be interconnected.
- The predominant overhead shade producers are deciduous trees and brush species. There are some scattered conifers too. The canopy closure ranges 90 - 100% over the area drained by the smaller tributaries, to 40 - 60% along the main stems, to total lack of a canopy in the open marsh and beaver pond areas.
- The under story (dense to moderate) is mainly salmonberry, interspersed with stink berry and vine maple.
- The forested wetland is the most dominant type of wetland in this complex.

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

Fish Information:

Site entry condition to S-326L-04 (20.0326M): () Poor () Fair (X) Good

- The channel flows into an impounded reach.

Coho access and use:

- Juvenile- (X) Unknown () None () Poor () Fair () Good
- Adult- (X) Unknown () 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 gravel available for spawning 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 trout use this channel.
- Trout were observed in the mainstem.

Habitat Improvements:

Enhancement opportunities:

Possible project type

- Channelize between the isolated beads to permit access.
- Maintain the integrity of the channel and the overall wetland.

Equipment access: No

Additional Comments:

- The Quileute Nation has spawner indexes on the reach of Johnson Creek below the wetland and one above the wetland
- Johnson Creek had 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

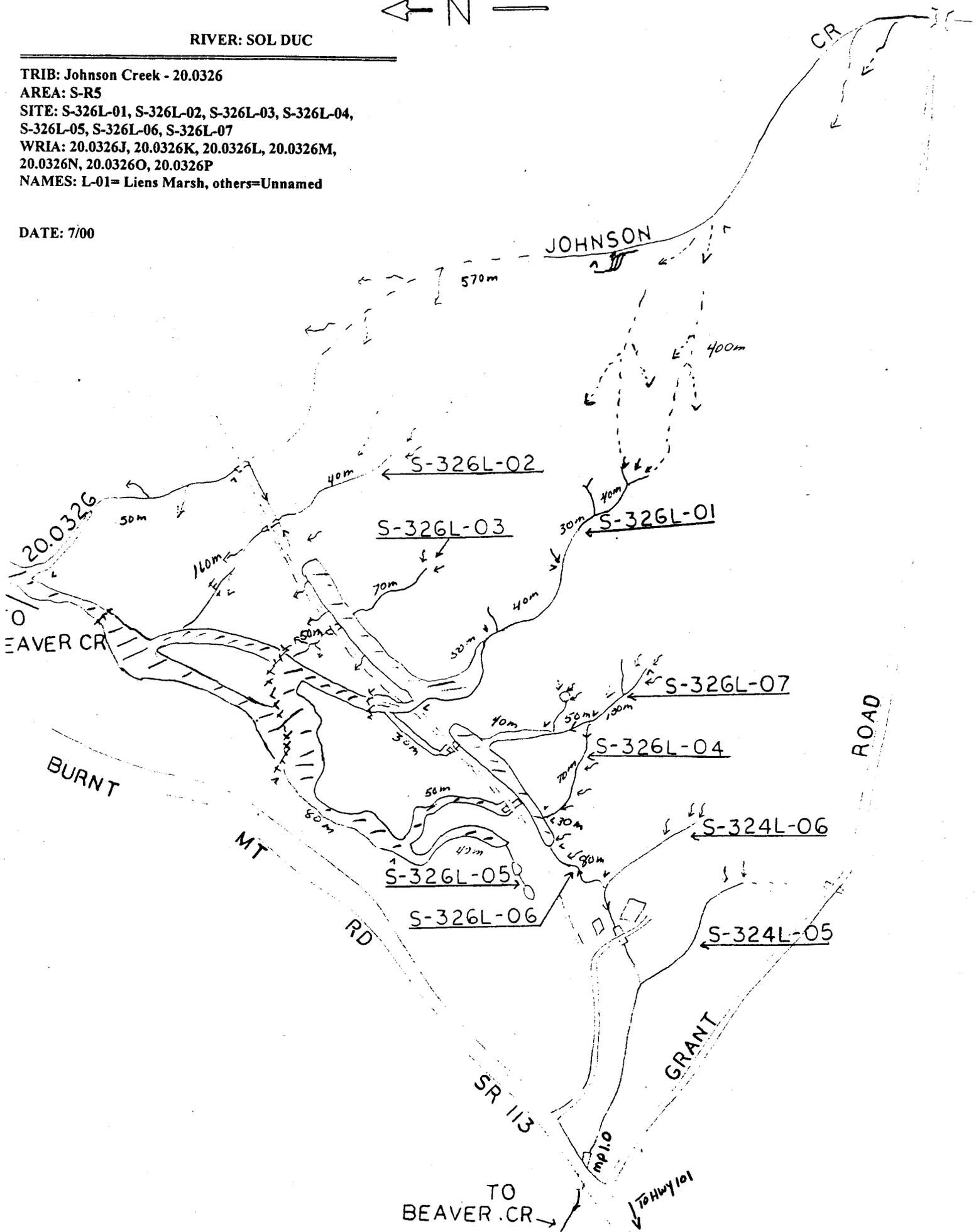
AREA: S-R5

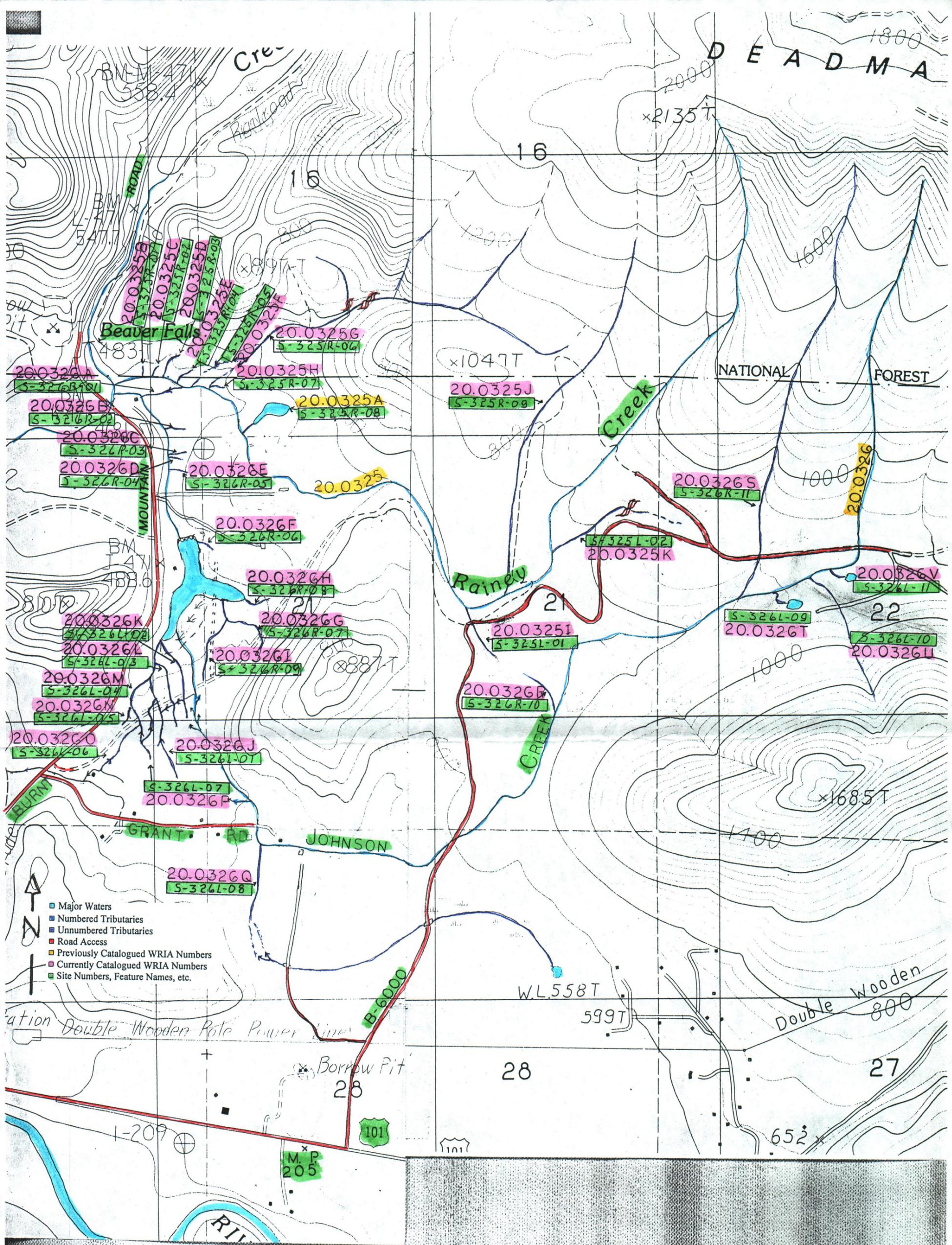
SITE: S-326L-01, S-326L-02, S-326L-03, S-326L-04,
S-326L-05, S-326L-06, S-326L-07

WRIA: 20.0326J, 20.0326K, 20.0326L, 20.0326M,
20.0326N, 20.0326O, 20.0326P

NAMES: L-01= Liens Marsh, others=Unnamed

DATE: 7/00



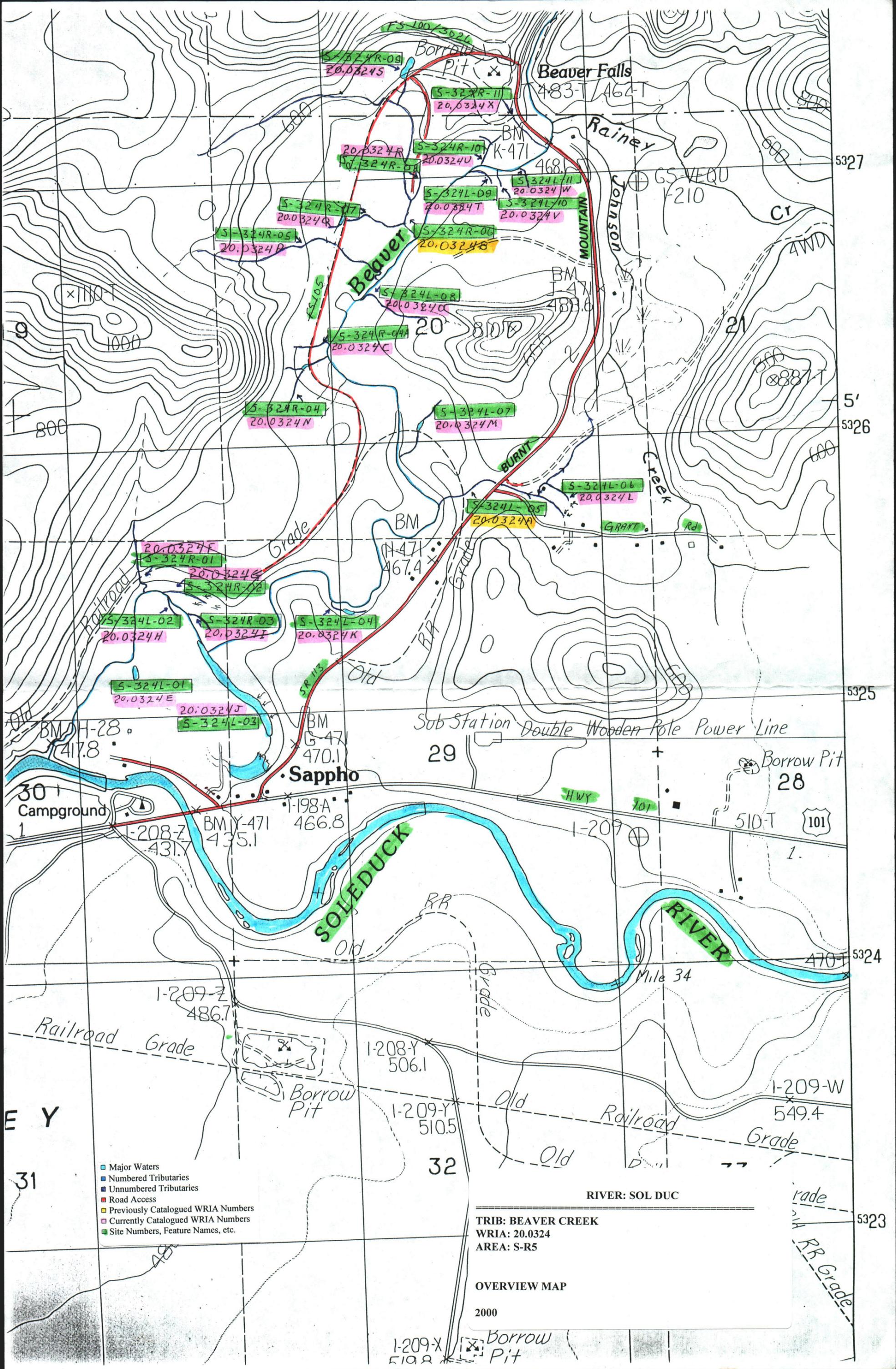


RIVER: SOL DUC

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
 519.2
 Borrow Pit