

Total existing habitat area (est.): 2750+ m²

Spawning area: 750 m²

Impounded area: 0 m²

Other rearing area: 2000 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The lower ~ 450 m reach has a suitable gravel substrate for coho spawning. Spawner surveys are occasionally conducted from the egress to RM 0.2. The gradient is ~ 2% and this area lacks pools.
- Upstream to the old grade crossing, the gradient moderates between 3 to 5%. The substrate has good gravel accumulations but there appears to be high proportion of fines. Pools and cover structures are also lacking in this area.
- The upper reach, above the grade was not surveyed. The gradient was < 12% and fines were prominent in the substrate.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The channel downstream of the grade crossing is primarily open. The RMZ has blown-down and salmonberry is presently providing the shade. There are young conifers on the upper terrace and near the slope line.
- The channel characteristics are more-riffle like. There are some pieces of old large woody debris but pools are a limiting factor.
- The gradient moderates slowly from 2 to 5% up to the old grade.
- The upper reach (above the grade) appears to flow through thick brush with an alder canopy. The gradient is < 12%.
- The lower reach has limited coho potential. The upper channel is more characteristically a cutthroat stream.

Describe unaccessible habitat:

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- The upper reach, downstream of the road crossing gains some water from a right bank scrub-shrub wetland.

Flooding potential: Low Medium High

- This channel appears to experience occasional flushing flows.

Fish Information:

Site entry condition to (20.0330): Poor Fair Good

- Open egress.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Occasional spawner surveys are conducted from the egress to RM 0.2.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Resident trout may utilize this channel.

Habitat Improvements:

Enhancement opportunities:

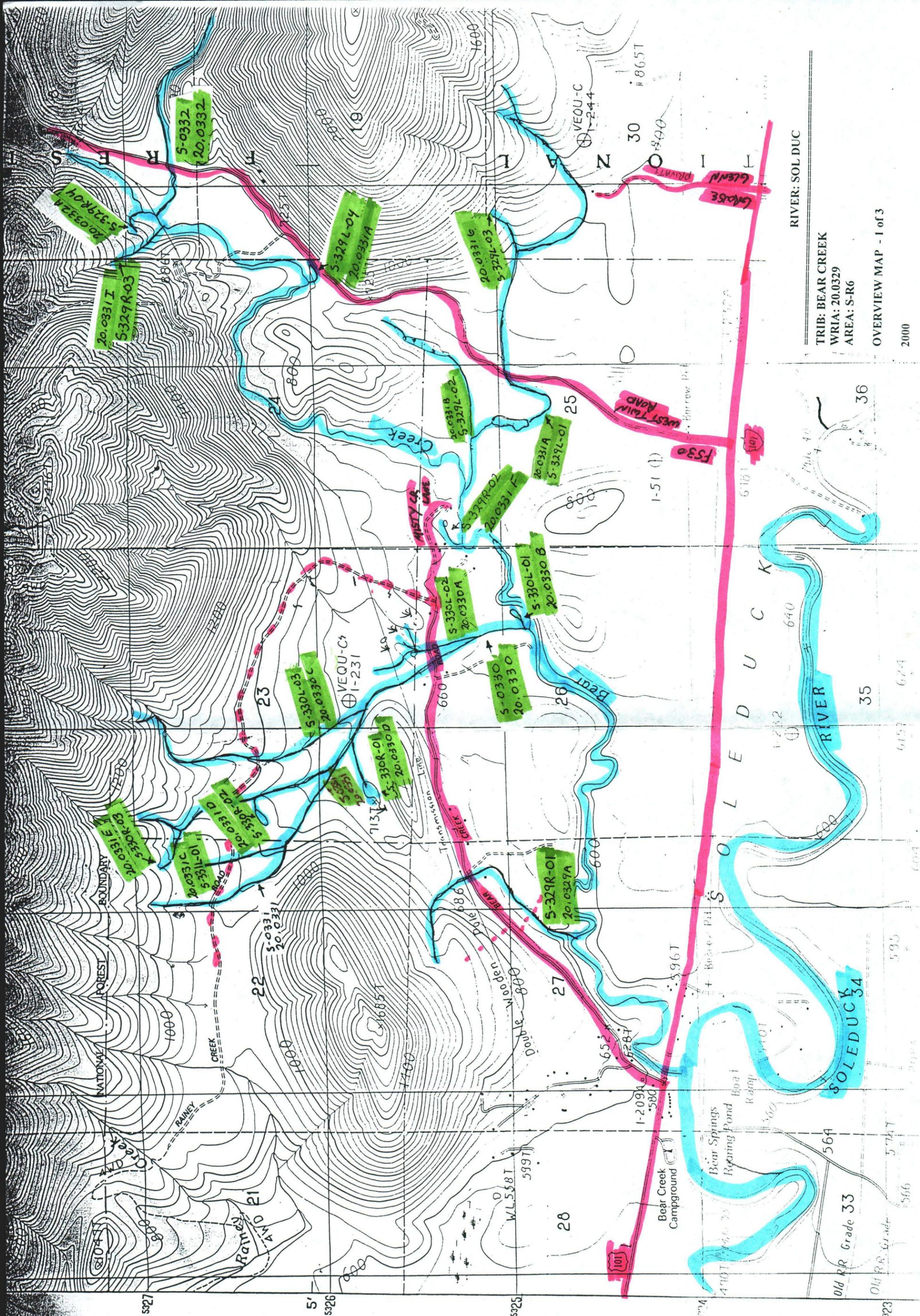
- No access into the area.

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

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



TRIB: BEAR CREEK
 WRIA: 20.0329
 AREA: S-R6
 RIVER: SOL DUC
 OVERVIEW MAP - 1 of 3
 2000

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