

Total existing habitat area (est.): 1500+ m²

Spawning area: 700 m²

Impounded area: 0

Other rearing area: 800 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The lower half of this channel has gravel but there is a large silt component too.
- Silt was prominent throughout this channel.
- Spawning habitat is more conducive to resident trout in the upper half.
- The upper half has a gradient greater than 12% and pockets of gravel.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The upper channel is incised. It has cover of conifer and large, old logging debris.
- The lower-mid reach (flowing parallel to the powerlines) has brush and alder along the banks.
- The lower channel is brush with some minor amounts of LOD.
- This channel experiences flushing flows.
- This channel is more characteristically a cutthroat stream in the mid to upper reaches.

Describe unaccessible habitat:

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

Flooding potential: Low Medium High

- Flushing flows within the system.

Fish Information:

Site entry condition to (20.0329): Poor Fair Good

- Open egress to Bear Creek.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Coho fry were observed in the lower 100 meters.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Resident trout probably utilize this channel.
- The upper half of the channel has a gradient of 12 to 18 %.

Habitat Improvements:

Enhancement opportunities:

- Replace culvert on the FS 30 road and on logging/powerline road.

Additional Comments:

Attachments Available:

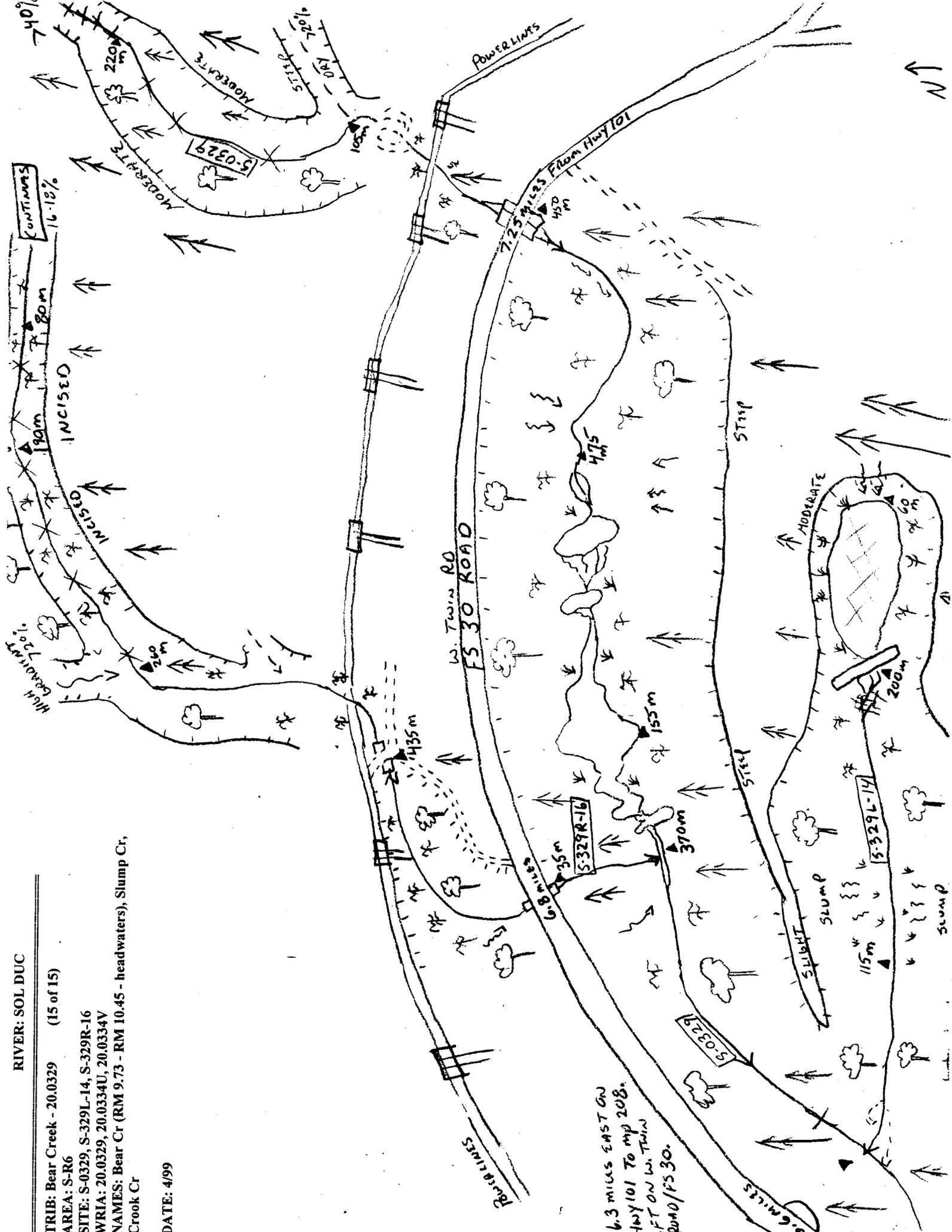
Contact respective SSHEAR habitat biologist for the following checked items:

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

RIVER: SOL DUC

TRIB: Bear Creek - 20.0329 (15 of 15)
AREA: S-R6
SITE: S-0329, S-329L-14, S-329R-16
WRIA: 20.0329, 20.0334U, 20.0334V
NAMES: Bear Cr (RM 9.73 - headwaters), Slump Cr,
Crook Cr

DATE: 4/99



16.3 miles EAST ON
Hwy 101 to mp 208.
LFT ON W. TWIN
RD/FS 30.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

124° 07' 30" W
7' 30"

417000mE

418

419

420

421

422

423

220000 FEET

2' 30"

5'

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