

Water temperatures: Lower end: 6.5°C Upper end: 6.5°C

Adjacent stream temperature: Ponds Creek 6.5°C

Other water observations: Water is clear

Site area measurements: Indirect Direct Combination

- Width: Channel- 30 cm; Pond- 4 m
- Depth: Channel- 2 - 5 cm; Pond- 1 - 2 m
- Total length: Channel- 10 m; Pond- 126 m

Total existing habitat area (est): 461 m²

- Spawning area: 0
- Impounded area: 460 m²
- Other rearing area: 1 m²

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: None

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- This pond's limitation for fish habitat is, that during a dry spring there may not be an outflow; therefore, stranding fish.
- There is good in pond cover provided by woody debris and sedges.
- Moderate shade is provided by a 20 - 30 year old mixed forest.

Nonaccessible habitat: None

Wetland information: Bog Marsh Scrub-shrub Wetland Forested Wetland

- Slough sedge (*Carex obnupta*) surrounds this pond, but extends beyond the edges by only a few meters

Flooding potential: Low Medium High

- High water from Ponds Creek will back water this site.

Fish Information:

Site entry condition to Ponds Creek: Poor Fair Good

- The out flow of the pond is intermittent and it egresses into a glide area of Ponds Creek.

Coho access and use: Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Juvenile access is inhibited by the intermittent flows.
- The flows are too shallow to afford adults access.

Other species access and use: Chum Pink Sockeye Trout Res. Trout

- Other species will have the same access problems,. It is unknown at this time if any

fish use the site.

Habitat Improvements:

Enhancement opportunities:

- Possible project type and magnitude: Additional water could be intercepted by altering the channel of WD-153R-02. However, this channel is intermittent also, and may not provide additional water when it is needed most.
- Equipment access: Good access to within 200 meters.
- Potential benefit: Convert a winter time intermittent flowing riverine pond from a possible stranding problem to a good overwinter rearing pond.

Additional comments:

- On March 14, 1995, after four days of light to no rain, the flow in this channel was intermittent and most of the isolated pools in WD-153R-02 were dry.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following circled items:

Aerials

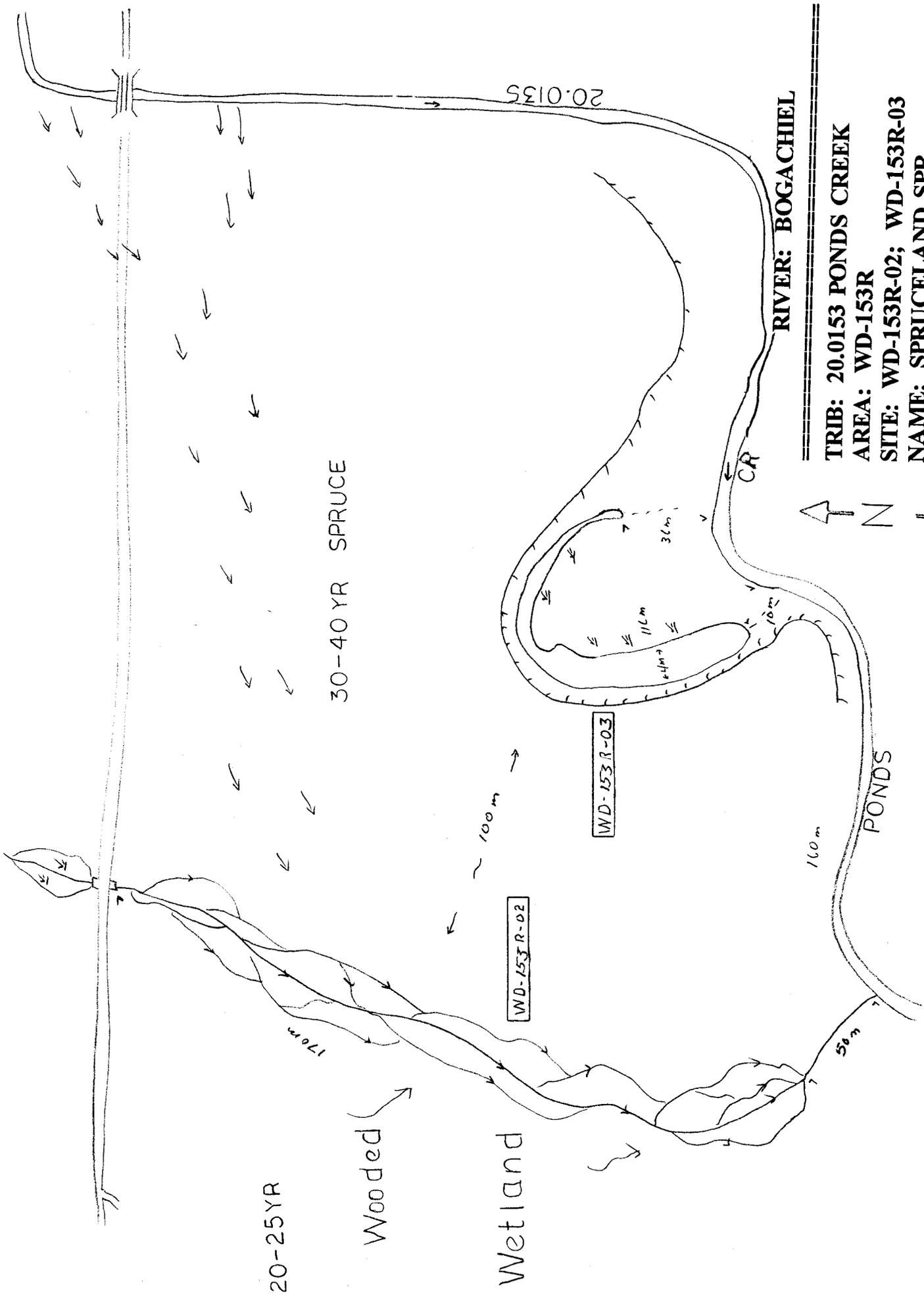
Sketch

Maps

Other references

Spawning surveys

Juvenile trapping



TRIB: 20.0153 PONDS CREEK
 AREA: WD-153R
 SITE: WD-153R-02; WD-153R-03
 NAME: SPRUCELAND SPR.

Date: 1/95 Rev:

