

Area Overview:

This stream is in the upper head waters of the W.F. Dickey River system, located above Dickey Lake. It drains approximately 300 acres of conifer plantation type forest. It flows through a V notch valley in the upper reach, that opens into a U shaped valley before it cuts through the terrace and flows into Ponds Creek. There is considerable beaver activity in the U shaped valley reach, but this excellent rearing habitat may be blocked by a cascade in the lower reach. Access to the majority of the spawning habitat will be restricted to higher flows by this same cascade.

Habitat Information:

Water sources: Springs, surface runoff and tributaries

Intermittent/year-around: Unknown, probably year-around

Estimated flows (CFS): 1.0 - 4.0

Water temperatures: Lower end: Not taken Upper end: 5.5° C

Adjacent stream temperature [Ponds Creek (20.0153)]: Not taken

Other water observations: Water is slightly tannic colored.

Site area measurements: Indirect Direct Combination

- Width: 1 - 1.5 m
- Depth: 10 - 40 cm Max- 70 cm
- Total length surveyed: 1200 m

Total existing habitat areas (est): 1900 m²

- | | | | |
|-----------------------|--------------------------------|-----------|-----------------------------|
| - Spawning area: | Mainstem = 100 m ² | Tribs = 0 | Total = 100 m ² |
| - Impounded area: | Mainstem = 400 m ² | Tribs = 0 | Total = 400 m ² |
| - Other rearing area: | Mainstem = 1400 m ² | Tribs = 0 | Total = 1400 m ² |

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitats:

- Typical of small stream spawning habitat, small areas in riffles.
- Some spawning potential below the old grade that failed.
- Most of the usable spawning habitat is in the upper reach where there is a moderate gradient.
- A lot of fines are present in the middle and lower reaches.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitats:

- Beaver dams provide most of the quiet water in this stream. The dams are impressive in length, up to about 20 m long but only about 2 feet high. The impoundments generally nick down quickly resulting in bell shaped ponds.
- Cover is provided by woody debris, bank overhang and overhanging brush.

Describe nonaccessible habitat:

- If the cascades located at 100 m up the channel are an impasse, then most of the above described habitats would be nonaccessible.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- No associated wetlands

Flooding potential: Low Medium High

Fish Information:

Site entry condition to Ponds Creek (20.0153): Poor Fair Good

- This stream egresses into a deep glide (two feet deep).
- Fifteen meters above the entrance, the stream flows under a stump. Debris collects at this point and may be a problem during certain flow conditions.

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

Adult- Unknown None Poor Fair Good

- Coho juvenile use has not been sampled and no fish were observed during the survey.

Other species access and use: Chum Pink Sockeye Chinook Trout

- It is unknown at this time if any trout use this site.

Habitat Improvements:

Enhancement opportunities:

- Remove the culvert at the failed road crossing or divert the stream away from it.
- Remove debris from under stump.
- Remove excessive debris from LB trib. at 750 m.
- Maintain integrity of the system.

Additional comments:

- The channel was still about 1 m wide where the survey was terminated but the gradient was becoming more moderate.

Attachments Available:

Contact a 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"/> Other references | <input type="checkbox"/> Spawning surveys | <input type="checkbox"/> Juvenile trapping |

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: W.F. Dickey

Channel No.: WD-0159

Local Name: Unnamed

DATE: 11/16/95

OBSERVER: Nettnin

On this date the flows were 2 - 3 cfs and the temp was 9.5° C

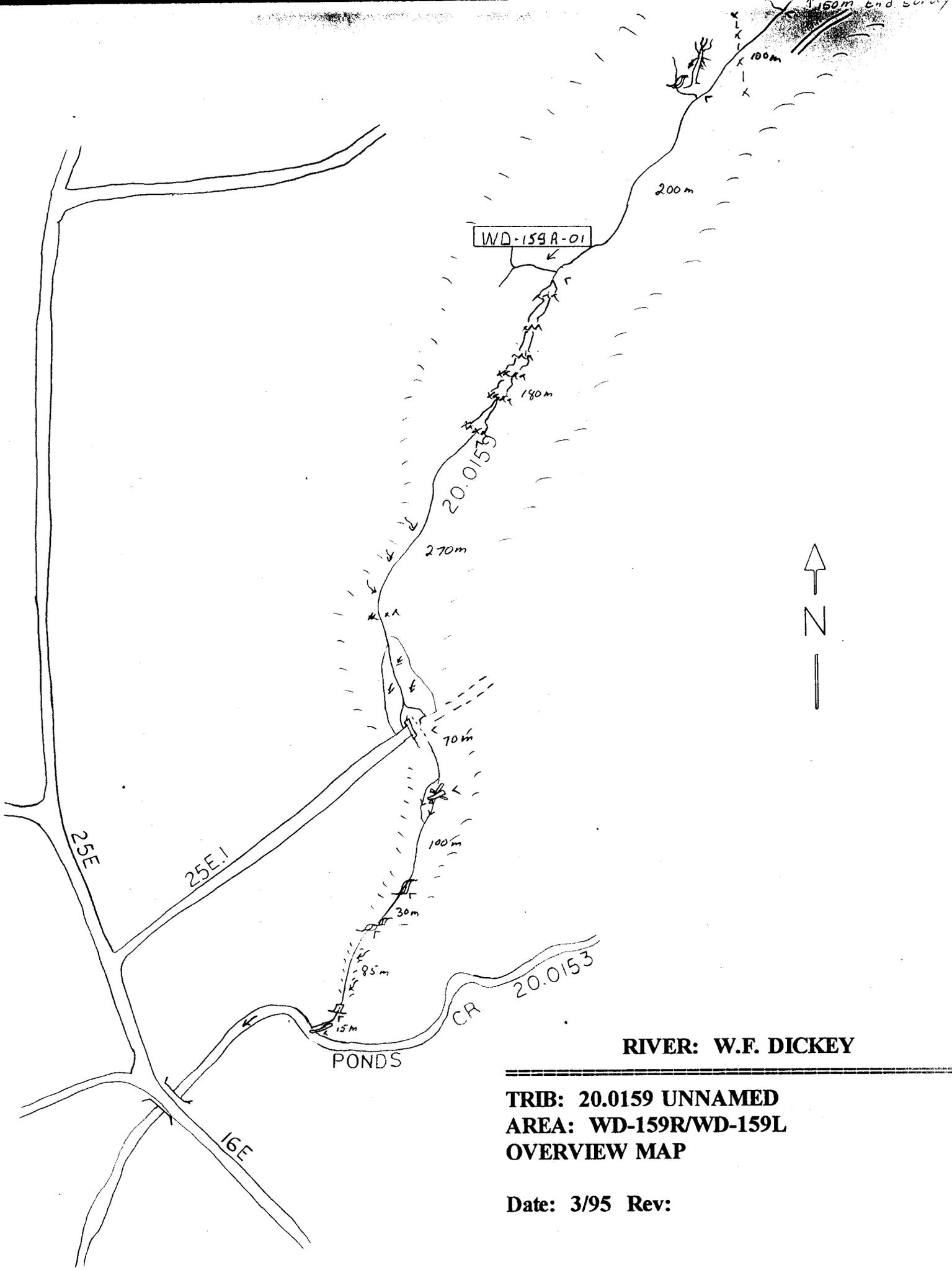
DATE: 3/26/96

OBSERVER: Darrow/Nettnin

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	CATCH		RBT	CUTT	COTTID
					COHO	UMRK MRK			
1	3/26/96	6.5° C	3/27/96	6.0° C	6	0	0	2	0
2	3/26/96	6.5° C	3/27/96	6.0° C	0	0	0	0	0

COMMENTS:

- Trap #1 was about 70 ft below the 25.1E.
- Trap #2 was 20 ft above the 25.1E in a pool.
- These fish were 80 - 165 mm and in excellent condition.
- Coho 0+ fry were observed at the culvert.



RIVER: W.F. DICKEY

TRIB: 20.0159 UNNAMED
AREA: WD-159R/WD-159L
OVERVIEW MAP

Date: 3/95 Rev:

