

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
HABITAT PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast

Observer(s): Powell

River System: W.F. Dickey (20.0097)

Date: 2/7/95

Site Identifier: WD-153L-03

WRIA: 20.0157 B

River Mile Location: 0.5 mi.
- R.M. measured using hip chain.

RB/LB: LB

Local Name: Unnamed

Trib. to: 20.0157 A

Legal Description: SE¼ Sec 34 T31N R14W

County: Clallam

Habitat Type: Terrace tributary

Landowner: Federal State County Other Government Private
- Rayonier Timberlands Inc.

Directions to site:

Go north from Forks on Hwy 101 about 8.4 mi. then turn left at the Lake Pleasant Grocery Store (0.4 mi. north of MP 200) onto Lake Pleasant Road. Stay on the main road going past the community park and across the Lake Cr. bridge. Turn right and continue up the county road (along the N.W. shore of the lake) to the end of the pavement. This road then becomes the 9000 line. Continue on the 9000 for 16.5 mi to a gate (just past the jct of the D-5000, a key is required to get through the gate. A key can be acquired at the Rayonier Timberlands Inc. office or the DNR office.). Continue through the gate for 3.0 mi. This culvert crossing is WD-153L-03.

Habitat Information:

Water source:

- Surface runoff, springs and associated wetlands.

Intermittent/year-around: Intermittent. On 5/23/95, there was less than 5 gpm flowing through the culvert on the D-9000.

Estimated flows (cfs): Lower end: 0.5 Upper end: 0.25 - 0.5

Water temperatures: Lower end: 7° C Upper end: 7° C

Adjacent stream temperature: 6°C (20.0153)

Other water observations:

- Tannic colored water.
- Numerous small channels in the lower reach.

Site area measurements: Indirect Direct Combination

Width: Channel- 0.5 - 1.2 m; Wetlands- up to 100+ m

Depth: Channel- 10 - 15 cm; Wetlands- 5 - 15 cm

Total length surveyed: 300 m

Total existing habitat area (est.): 240 m²

Spawning area: 40 m²

Other rearing area: 200 m²

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- Spawning habitat is limited to the upper end of channel. Gravel in this small areas is conducive to trout spawning.
- The majority of the channel substrate consist of mud, silt, detritus, and a small amount of gravel.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- Below the D-9000 road, the channel is low gradient with braids running in various directions. Fry could be trapped in some of these areas during low flows.
- There is an abundance of in stream cover from sedges/rushes and woody debris. The side stream cover is varieties of brush, alder, and small conifers.
- This system has tannic colored water.

Unaccessible habitat:

- Access may be limited to higher flows due to the beaver dam on WD-153L-02.

Wetland information: Bog Marsh Scrub-shrub Wetland Forested Wetland

- The wetlands are below the D-9000, and are adjacent to WD-153L-02 wetlands.
- The marsh wetland is comprised of sedges, rushes, water parsley, and skunk cabbage.
- The shrub wetland contains varieties of brush. The prominent area is SW of the channel.
- The forested wetland is below the D-9000; it is an alder bottom.

Flooding potential: Low Medium High

- High velocity flows are evident in the upper reaches of the main channel and its tributaries.

Fish Information:

Site entry condition to (WD-153L-02): Poor Fair Good

- Entrance is in a braided area of a large wetland.

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

Adult- Unknown None Poor Fair Good

- Access may be limited to higher flows for passage over beaver dam on WD-153L-02.
- The lower and mid reaches would be affected by low flows due to braiding; juvenile fish could be stranded in these areas.

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:

- Maintain integrity of system.
- Replace culvert on the D-9000.

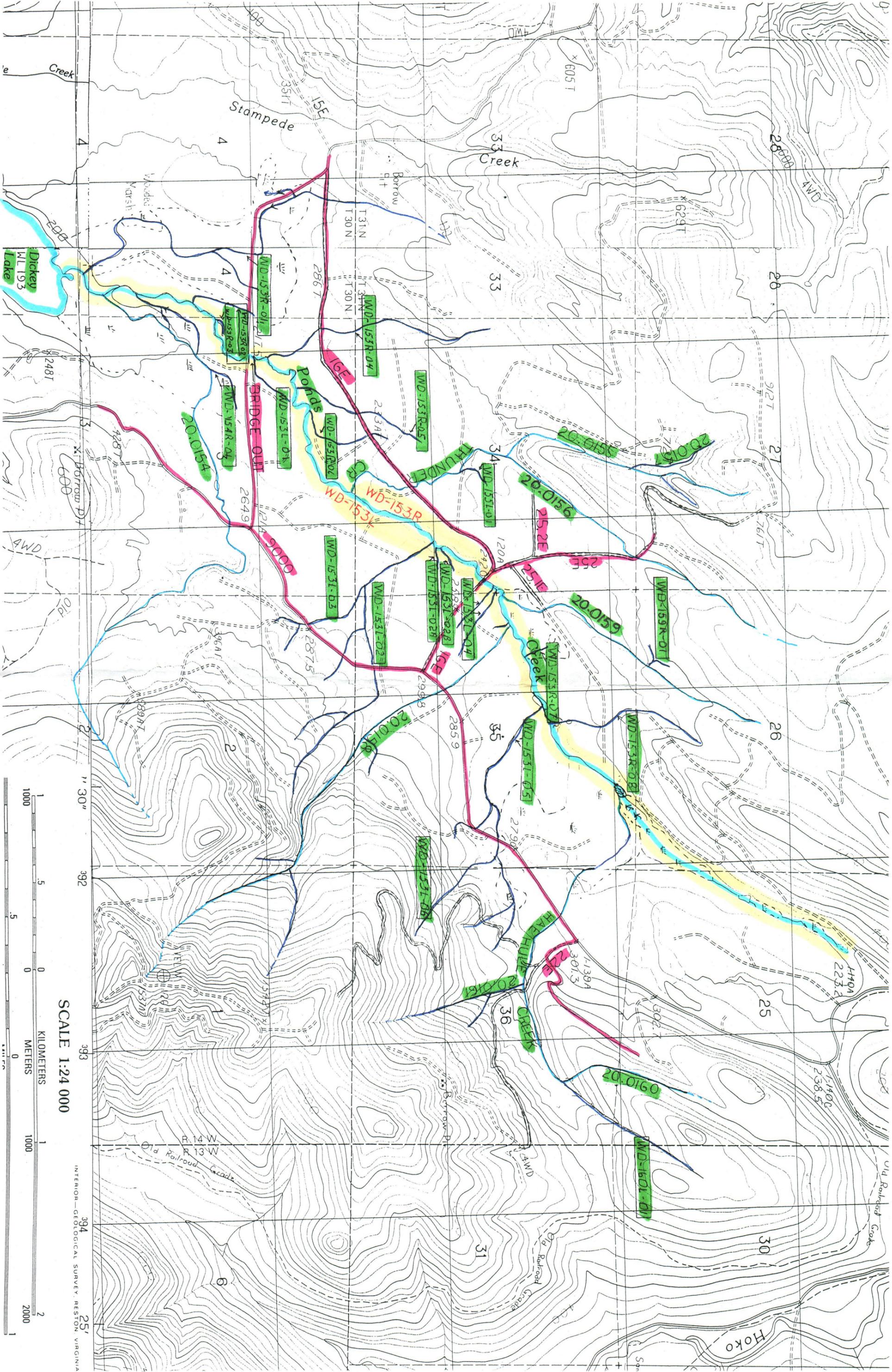
Additional Comments:

- There is a 2.5 foot culvert with a 6 inch plunge at the D-9000 that is deteriorating and has a 3 x 1 foot hole on its top edge.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

- Aerials Sketch Maps Culvert Report
 Other references Spawning surveys Juvenile trapping Fishway Report



1000 5 0 5 1000 2000
KILOMETERS
METERS
SCALE 1:24 000
INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA