

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:** 3/2/95 & 3/8/95
Site Identifier: WD-0160 **WRIA:** 20.0160
River Mile Location: 3.4 mi. **RB/LB:** LB
- Stream catalog indicates 20.0160 enters at R.M. 2.6
Local Name: Haehule Creek **Trib. to:** 20.0153
Ponds Creek
Legal Description: NE¼ Sec 35 T31N R14W **County:** Clallam
Habitat Type: Terrace trib
Landowner: Federal State County Other Government Private
- Rayonier Timberlands Inc.
- Department of Natural Resources

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 3.3 mi to the junction of D-9000 and 16-E. Stay to the right (straight) and follow the D-9000 for 1.1 mi; this culvert crossing is WD-0160.

Habitat Information:

Water source:

- Surface runoff, springs, and associated wetlands (in extreme lower reach).

Intermittent/year-around: Intermittent. Channel was dry on 5/23/95 and 9/21/95 at the D-9000 crossing.

Estimated flows (cfs): Lower end: 3 - 4 Upper end: 1

Water temperatures: Lower end: 6° C Upper end: 7° C

Adjacent stream temperature: 6°C (20.0153)

Other water observations:

- Tannic colored water in lower reach
- Upper reach had high gradient tributaries.

Site area measurements: Indirect Direct Combination

Width: Channel- 1 - 2 m

Depth: Channel- 10 - 30 cm

Total length surveyed: 2050 m

(There is additional habitat above end point of survey.)

Total existing habitat area (est.): 2835+ m² (surveyed)

Spawning area: 2360 m²

Impounded area: 0

Other rearing area: 475 m²

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- Spawning gravel was abundant above the lower reach forested wetland - to the end of survey, which was gaining gradient and becoming more rocky.
- The extreme lower reach substrate was silt, mud, and detritus.
- There are a number of high gradient tribs that recruit gravel into this system.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- This stream experiences high flows.
- This system becomes intermittent during dry periods.
- There are few large pools or refuge areas.
- Cover is provided by woody debris and overhanging brush. There is a canopy of conifer and alder throughout most of the system.
- Braids in the extreme lower reach, may strand juvenile fish during dry spells.
- This system has tannic colored water in the lower reach.

Unaccessible habitat: None

Wetland information: Bog Marsh Scrub-shrub Wetland Forested Wetland

- This system's wetland is part of the upper Ponds Creek wetlands.
- The forested wetland is an alder bottom which consist of alder, varieties of sedges, skunk cabbage, salmonberry, and woody debris.

Flooding potential: (X) Low () Medium () High

Fish Information:

Site entry condition to (20.0153): (X) Poor () Fair () Good

- Channel enters the large upper beaver pond on Ponds Creek. The beaver dam is passable during high flows.

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

Adult- () Unknown () None (X) Poor () Fair () Good

- Juvenile access is restricted by intermittent flows.
- The triple culverts on the D-9000 inhibit fish passage; they are mostly plugged by rock.
- The Quileute tribe conducts spawning surveys on this system.

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

- Several 7 - 8 cm trout and 0+ salmonids were observed in isolated pools in the upper end (area was not part of the survey), on 9/21/95.

Habitat Improvements:

Enhancement opportunities:

- Replace culverts on the D-9000.
- Channelize lower reach to reduce braiding.
- Blast a series of refuge pools in the lower reach.
- Make beaver dam on Ponds Creek, more accessible.

Additional Comments:

- Below the D-9000, the channel is incised in an open sedge area; it is about 20 m long, 30 - 60 cm wide, and 60 - 90 cm deep.
- Culvert replacement is scheduled on the D-9000 (per C. Byrnes).

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

- | | | |
|----------------------|----------------------|-----------------------|
| () Aerials | () Sketch | () Maps |
| () Other references | () Spawning surveys | () Juvenile trapping |

NORTH COAST OFF CHANNEL SURVEY

SUBSEQUENT SITE EVALUATION FORM

River System: W. F. Dickey

Site No.: WD-0160

Site Name: Hauhule Cr.

SUBSEQUENT EVALUATIONS:

DATE: 9/21/95 (Powell)

Bedload was dug out 1 - 1.5 m from upstream end of triple culverts and 3 m from downstream end; a quick fix to the blockage problem. There is still some rock inside the culverts. The upstream bedload looks like it will again block the culverts.

Wet August - Dry September: The stream was dry at the D-9000 crossing and there was ~1/4 CFS flowing through the culvert at the 22-E crossing. The upper end (not part of the original survey) where an old grade intersects, had an intermittent flow, and several trout and 0+ salmonids were observed. Water temperature was 15° C.

RIVER: W.F. DICKEY

TRIB: HAEHULE CR. 20.0160
AREAS: WD-160L / WD-160R
SITES: WD-160L-01, WD-0161
NAMES: UNNAMED, MEADOWS CR.

Date: 3/95 Rev:



