

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: 2/2/95

Site Identifier: WD-153L-04

WRIA: 20.0157 E

River Mile Location: 2.85 mi.

RB/LB: LB

Local Name: Mix Creek

Trib. to: 20.0153
Ponds Creek

Legal Description: SW¼ Sec 34 T31N R14W

County: Clallam

Habitat Type: Terrace tributary

Landowner: () Federal () State () County () Other Government (X) 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 3.3 mi to the junction of D-9000 and 16-E. Go left and follow the 16-E to bridge crossing (0.4 mi). WD-153L-04 will be the first LB trib above this bridge on Ponds Creek.

Habitat Information:

Water source:

- Springs and associated wetlands.
- Overflow from WD-0158 during high flows.

Intermittent/year-around: Unknown at this time. The channel is probably intermittent, and ponded areas appear to stay wetted.

Estimated flows (cfs): Lower end: 0.5 - 0.75 Upper end: 60 - 80 gpm

Water temperatures: Lower end: 7° C Upper end: 9° C

Adjacent stream temperature: 7° C (20.0153)

Other water observations:

- Tannic colored water.
- There are two main channels in this system; they both feed into the lower beaver pond.
- There are several small channels in the mid-reach of RB channel.

Site area measurements: Indirect Direct Combination

Width: Channel- 0.25 - 1.0 m; Pond- 2 - 5 m; Wetland- 7 - 10 m

Depth: Channel- 10 - 30 cm; Pond- 15 cm - 1+ m; Wetland- 10 - 30 cm

Total length surveyed: 545 m

Total existing habitat area (est.): 400 m²

Spawning area: 0

Impounded area: 60 m²

Other rearing area: 340 m²

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- Substrate is silt, mud, or clay.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The pond is 3 m wide by 20 m long by 1+ m deep.

- The pond is created by a beaver dam.

- The pond has woody debris and aquatic vegetation.

- This system has tannic colored water.

- The LB channel meanders through conifers and salal.

- The RB flows through a sedge wetland with some cover of woody debris and brush.

Unaccessible habitat:

- This system may not be accessible to juveniles due to beaver dam near egress.

- Culverts may pose as partial barriers due to vegetation and boulders.

Wetland information: Bog Marsh Scrub-shrub Wetland Forested Wetland

- The RB channel is associated with wetlands. The majority of the RB system, flows through a marsh. The scrub-shrub and forested wetlands are on the parameter of the marsh.

- Wetland plants observed: Varieties of sedges and rushes, water parsley, cattails, skunk cabbage, alder, varieties of brush, and small conifers.

Flooding potential: Low Medium High

- RB channel appears to receive overflow from WD-0158 during high flows.

Fish Information:

Site entry condition to (20.0153): Poor Fair Good

- Channel egresses into an eddy caused by downstream log.

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

Adult- Unknown None Poor Fair Good

- Juvenile access is inhibited by 1.5 m high beaver dam.

- Accessable when Ponds Creek back waters this system.

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:

- Make pond accessible to juvenile fish.
- Remove culverts on old road grade.

Additional Comments:

- One culvert is squashed and the other is overgrown with vegetation. This road grade leads to WD-0158, which has had its culvert pulled.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

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

DATE: 9/21/95 **OBSERVER:** Powell

Wet August - Dry September: Water is still impounded behind beaver dam; it is down 0.4 - 0.6 m and is about 1 m deep now. The temperature of the pond was 17° C.

MINNOW TRAPPING REPORT

DATE: 2/7-2/8/96

OBSERVER: Darrow

TRAP	DATE		DATE		COHO		RBT	CATCH	
	SET	TEMP	PULLED	TEMP	UMRK	MRK		CUTT	COTTID
1	2/7	9.0°C	2/8	8.5°C	1	0	0	0	10
2	2/7	9.0°C	2/8	8.5°C	0	0	0	0	9
3	2/7	8.5°C	2/8	8.5°C	0	0	0	0	3
4	2/7	8.5°C	2/8	8.5°C	0	0	0	0	16
5	2/7	8.0°C	2/8	8.0°C	0	0	0	0	28
6	2/7	8.0°C	2/8	8.0°C	0	0	0	0	41
TOTALS:					1	0	0	0	107

COMMENTS:

- Trap one was placed ~30 m upstream of left bank culvert crossing and trap two was placed ~30 m downstream.
- Trap three was placed 25-30 m upstream of right bank culvert crossing and trap four was placed 12-15 m downstream.
- Trap five was placed in the lower end of the beaver pond (located near the mouth) and trap six was in the mid reach of the pond.

RIVER: W.F. DICKEY

TRIB: PONDS CR. 20.0153

AREAS: WD-153L, WD-158L, WD-158L/WD-158R

SITES: WD-153L-04, WD-0158

NAMES: MIX CR., UNNAMED 20.0158

DATE: 2/95 REV:



