

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: M.F. Dickey (20.0145)	Date: 4/27/95
Site Identifier: MD-L2-03	WRIA: 20.0146 D
River Mile Location: 3.4 mi.	RB/LB: LB
Local Name: Stepping Up Creek	Trib. to: 20.0145
Legal Description: NE¼ Sec 14 T30N R14W	County: Clallam
Habitat Type: Terrace tributary	
Landowner: <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> 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 to MP 15. Go to the right, which is the D-9050 and follow till road is dug out (1.15 mi). Follow road in the NE direction; when road turns to the south, channel will be parallel (NE) of the road. Follow the road in the S - SE direction. When road turns easterly, there will be an old spur road to your left. Follow this road to where culvert has been pulled; this is MD-L2-03.

Habitat Information:

Water source:

- Surface runoff, springs, and associated wetlands.

Intermittent/year-around:

- Unknown at this time. Upper reach is probably intermittent.

Estimated flows (cfs): Lower end: 1.5 - 2 Upper end: 0.25 - 0.5

Water temperatures: Lower end: 12° C Upper end: 13° C

Adjacent stream temperature: 11° C (20.0145)

Other water observations:

Site area measurements: Indirect Direct Combination

Width: Channel- 1 - 2 m; Wetland- 30 - 50 m; Pond- 30 - 50 m

Depth: Channel- 7 - 30 cm; Wetland- variable; Pond- 0.5 - 1.5 m

Total length surveyed: 1100 m

Total existing habitat area (est.): 1550 m²

Spawning area: 450 m²

Impounded area: 40 m²

Other rearing area: 1060 m²

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The lower and mid reaches of this stream climb in gradient; boulders are prominent.
- Rubble is more prevalent than gravel in many areas of the lower and mid reaches.
- In the upper reaches, the gradient flattens and the substrate is mostly silt/mud with some gravel.
- Spawning gravel quantity and quality is more conducive for resident trout spawning.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- In the lower to mid reaches, there is in stream cover from woody debris, bank overhang, and brush. The canopy is conifers and alder.
- The lower to mid reaches, the gradient is moderate to steep with plunges from 1 - 1.5 m. There are few refuge areas in this stretch.
- The channel in the upper reach, flows through a sedge wetland; the main channel braids and subsurfaces in some areas.
- There are two old beaver dams at the top of the system. Both are questionable for fish passage, even at high flows.
- The large beaver pond is shallow. There is woody debris in this pond, and it has some aquatic vegetation.

Unaccessible habitat:

- Large beaver dams are probable barrier.
- Steep gradient in mid reach is a probable barrier.
- Plunges can be barriers during lower flows.

Wetland information: Bog Marsh Scrub-shrub Wetland Forested Wetland

- Upper channel flows through sedge wetland that is bordered by a forested wetland.
- Sedges/rushes, water parsley, skunk cabbage, and alder were observed.
- The beaver pond has a large (75 x 50 m) sedge/rush wetland to the east.

Flooding potential: Low Medium High

Fish Information:

Site entry condition to (20.0145): Poor Fair Good

- Egress is a narrow channel that passes around woody debris.

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

Adult- Unknown None Poor Fair Good

- No fish were observed during survey.

Other species access and use: Chum Pink Sockeye Chinook Trout

- A ~10 cm long trout was observed in the mid reach on 9/26/95.

Habitat Improvements:

Enhancement opportunities:

- Maintain integrity of system.

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

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

DATE: 9-26-95 **OBSERVER:** Powell

At the old grade crossing, mid reach of the channel, there was ~ 1 CFS flow and the temperature of the water was 12.5° C. The large beaver pond at the top of the system, was still well watered; it appeared to have gone down ~0.3 m, and was 0.5 - 1 m deep. The water temperature of the pond was 15.5° C. Ducks are numerous in this pond.

DATE: 3-26,27-96 **OBSERVER:** Darrow

MINNOW TRAPPING REPORT

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	COHO		RBT	CATCH	
					UMRK	MRK		CUTT	COTTID
1	3/26	6.5°C	3/27	6.0°C	0	0	0	0	5
2	3/26	6.5°C	3/27	6.0°C	0	0	0	6	
3	3/26	6.5°C	3/27	6.0°C	0	0	0	10	
4	3/26	6.5°C	3/27	6.0°C	0	0	0	7	
TOTALS:					0	0	0	0	28

COMMENTS:

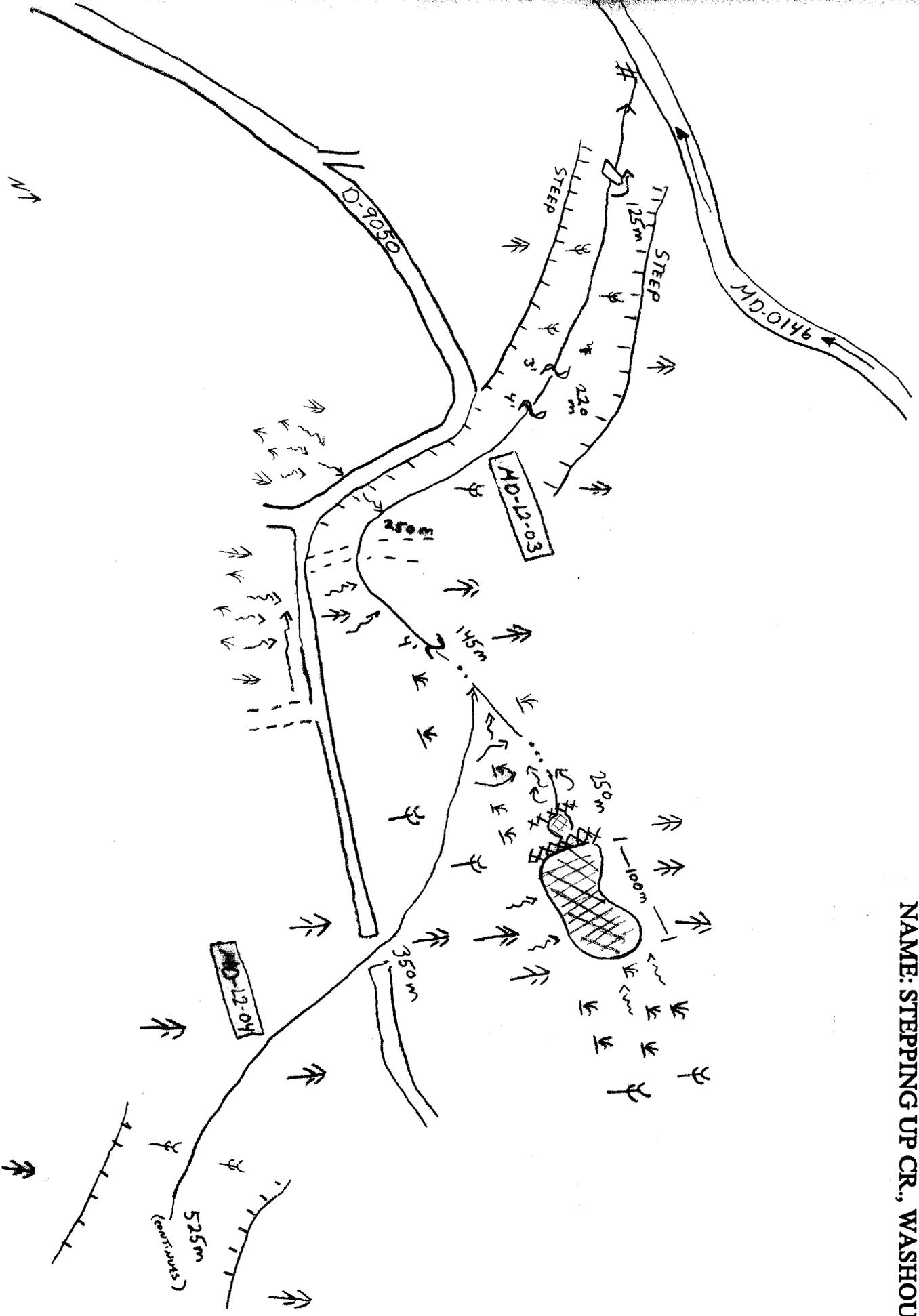
- Trap 1 was placed above steep gradient.
- Trap 2 was placed at mid reach where culvert has been pulled from the channel.
- Trap 3 was placed at the confluence with MD-L2-04.
- Trap 4 was placed in upper end of alleval.

RIVER: M.F. DICKEY

AREA: MD-L2

SITES: MD-L2-03, MD-L2-04

NAME: STEPPING UP CR., WASHOUT CR



RIVER: M.F. DICKEY

AREA: MD-L2

AREA MAP

DATE: 12/95

