

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:** Nettnin  
**River System:** M.F. Dickey **Date:** 4/26/95  
**Site Identifier:** MD-L1-04 **WRIA:** 20.0145 K  
**River Mile Location:** 0.6 mi. **RB/LB:** RB  
**Local Name:** Chepsin Creek **Trib. to:** 20.0145 I  
**Legal Description:** SW¼ Sec 23 T30N R14W **County:** Clallam  
**Habitat Type:** Terrace tributary  
**Landowner:**  Federal  State  County  Other Government  Private  
Rayonier Timberland Operations Company

**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 NW shore of the lake) to the end of the pavement. This road then becomes the 9000 line. Continue on the 9000 for, about 14.1 mi. to the junction of the D-5230. The D-5230 bears to the left about 1.4 mi. before the M.F. Dickey bridge. Turn onto the D-5230 for about 0.1 mi. (the first stream crossing). This is the upper reach of MD-L1-02. Walk downstream about 600 m to a right bank tributary; this is MD-L1-04.

**Area Overview:**

This stream sources from multiple seeps, springs and small drainages along the face of the valley wall forming an second order stream. The stream then flows across the terrace through a marsh to join a third order stream. The drainage is about 40 acres of 5 - 10 year old plantation and 20 - 30 year old second growth hemlock.

**Habitat Information:**

**Water sources:** Surface runoff, springs and first order streams.

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

**Estimated flows (cfs):** Lower end: 0.1 - 0.2 Upper end: 0.01 - 0.1

**Water temperatures:** Lower end: 10.5°C Upper end: 9.0°C

**Adjacent stream temperature (MD-L1-02 20.0145??):** 9.5°C

**Other water observations:** Tannic colored

**Site area measurements:**  Indirect  Direct  Combination

Widths: Channel- 0.5 - 1 m. Ponds- 5 m Wetlands- 20 - 40 m  
Depths: Channel- 15 - 30 cm Ponds- 30 cm - 1 m Wetlands- 30 cm - 1 m  
Total length (includes ponds and wetlands): 300 m

**Total existing habitat areas (est.):** 700 m<sup>2</sup>

Spawning area: 10 m<sup>2</sup>  
Impounded area: 600 m<sup>2</sup>  
Other rearing area: 90 m<sup>2</sup>

**Spawning Habitat conditions:**  None  Poor  Fair  Good  Excellent

**Describe spawning habitats:**

- Very limited, may increase as beaver dams degrade and the stream becomes more free flowing.

**Rearing habitat conditions:**  None  Poor  Fair  Good  Excellent

- Most of this stream is gentle gradient or pooled behind beaver dams.
- There is a 60 cm plunge that may inhibit fry migration.
- Stream side cover is provided by salmonberries and salal and other brush type vegetation, also sedges.
- Shade is lacking due to wetland conditions and recent logging.

**Describe pond and other rearing habitats:**

- Typical of beaver dam habitat, deep near the dam with shallows inundating low laying uplands causing that vegetation to die and is being replaced with sedges or other emergent type vegetation.
- Good cover created by old logging slash and inundated vegetation.

**Describe unaccessible habitats:**

- If the 60 cm fall (120 m up the channel) is a blockage to juveniles, then about 200 m of low gradient channel is blocked to migrating fry.
- There was a trout redd observed above the described falls, so it is not a total block.

**Describe wetlands:**  Bog  Marsh  Scrub-shrub Wetland  Forested Wetland

- The wetland is longer then wide.
- It contains sedges and skunk cabbage.
- This wetland may in time, become more of a forested wetland then a scrub-shrub wetland.

**Flooding potential:**  Low  Medium  High

**Fish Information:**

**Site entry condition to MD-L1-02:**  Poor  Fair  Good

- There are some beaver dams that have to be negotiated.

**Coho access and use:** Juvenile  Unknown  None  Poor  Fair  Good  
Adult  Unknown  None  Poor  Fair  Good

- Juvenile access is challenged by beaver dams
- No fish were observed and minnow trapping has not been done yet.
- No adult coho were observed.
- One redd was observed, however it could have been a trout redd.

- Other species access and use:**  Chum  Pink  Sockeye  Chinook  Trout
- No other salmonid species were observed, but trout could readily use this stream.
  - It is concluded, that the observed redd was constructed by a trout because it was small in comparison to a typical coho redd, plus the time of year it was observed.
  - Two sculpins were observed above the falls.

**Habitat Improvements:**

**Enhancement opportunities:**

- Possible project type:
- Excessive debris removal.
  - Maintain the integrity of the stream.
- Equipment access: No  
 Potential benefit: Allow better access to upper reach.

**Additional Comments:**

**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"/> Culvert report |
| <input type="checkbox"/> Other references   | <input type="checkbox"/> Spawning surveys  | <input checked="" type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway report |

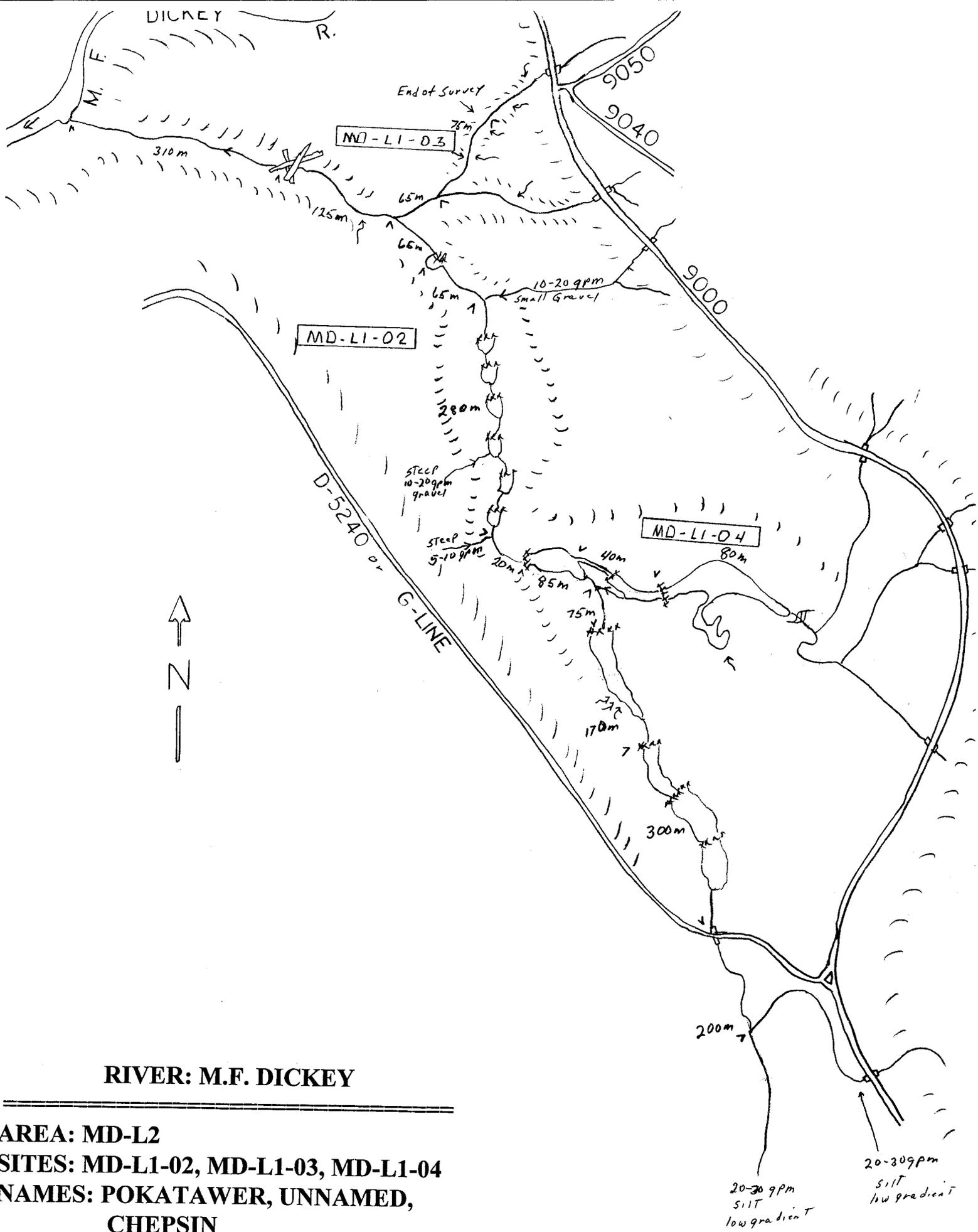
**DATE:** 2-13-96

**OBSERVER:** Darrow, Nettnin

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	CATCH				
					COHO UMRK	MRK	RBT	CUTT	COTTID
3	2/13	5° C	2/14	4° C	0	0	0	0	0
4	2/13	5° C	2/14	4° C	0	0	0	0	2
5	2/13	6° C	2/14	6° C	0	0	0	1	0

**COMMENTS:**

- Trap #3 was set about 25 ft below the 9000 line. Culvert is bad however, there is no usable habitat above the road. This is a tributary to MD-L1-04.
- Trap #4 was set about 100 ft below the 9000 line.
- Trap #5 was set about 20 ft below the 9000 line.



**RIVER: M.F. DICKEY**

**AREA: MD-L2**

**SITES: MD-L1-02, MD-L1-03, MD-L1-04**

**NAMES: POKATAWER, UNNAMED,  
CHEPSIN**

**DATE: 4/95 REV:**

RIVER: M.F. DICKEY

AREA: MD-L1

AREA MAP

DATE: 12/95

