

Site area measurements: Indirect Direct Combination

Widths: Channel- 1.5 - 2.5 m Ponds- NA Wetlands- NA
Depths: Channel- 10 - 15 cm Ponds- 0 Wetlands- NA
Total length (includes ponds and wetlands): 900 m
- Ended survey at small patch of old growth.
- Measured 500 m in the field and 300 m off the aerial photo.

Total existing habitat areas (est.): 1230 m²

Spawning area: 30 m²
Impounded area: 0
Other rearing area: 1200 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitats:

- Substrate primarily cobble, boulders and some bedrock.

Rearing habitat conditions: None Poor Fair Good Excellent

- Poor for coho; lacks pools, and flushing flows occur during freshets.
- This habitat favors trout and may even be classified as good.

Describe pond and other rearing habitats: NA

Describe unaccessible habitats:

- Moderate gradient, V-notch with gravel, cobble and boulder substrate.

Describe wetlands: Bog Marsh Scrub-shrub Wetland Forested Wetland

- None associated with this stream.

Flooding potential: Low Medium High

- Doesn't flood from the river, but has flushing flows at times.

Fish Information:

Site entry condition to M.F. Dickey: Poor Fair Good

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

- Access is clear, bur enters on a riffle.
- Thirty 0+ coho fry and two 1+ fry (no ID) were observed below the grade.

Other species access and use: Chum Pink Sockeye Chinook Trout

- In February of 1995, five trout and 11 sculpins were captured in a minnow trap.

Habitat Improvements:

Enhancement opportunities:

Possible project type: Culvert and trestle debris removal.
Equipment access: Good access along old grade will need to check for bad spots.
Potential benefit: Remove possible barrier to fish migration, and to allow unrestricted gravel recruitment.

Additional Comments:

- This stream recruits gravel for the M.F. Dickey River, which has the primary spawning production for the W.F. Dickey system.

Attachments Available:

Contact a 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

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: M.F. Dickey

Channel No.: MD-R1-04

Local Name: Mel Cr.

DATE: 2/13/96

OBSERVER: Darrow/Nettnin

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	CATCH				
					COHO UMRK	MRK	RBT	CUTT	COTTID
1	2/13	5.5° C	2/14	5.5° C	0	0	0	1	5
2	2/13	5.5° C	2/14	5.5° C	0	0	0	3	11

COMMENTS:

- Trap #1 was 130 ft above the culvert on the old grade. Two crayfish were also caught.
- Trap #2 was set in the plunge pool below the culvert. A crayfish was observed on the outside of the trap.

WDFW FISH PASSAGE REPORTING FORM

LEVEL I - Facility/Barrier Identification

- (1) CHECK ONE: Existing Fishway (includes baffled culverts)
 Man-made Fish Passage Problem
- (2) STREAM: Mel's Cr. (3) WRIA#/RM: 20.0145A RB/RM 1.3 by catalog 2.0 by field measurement
- (4) TRIBUTARY TO: M.F. Dickey River (5) LEGAL(S,T,R): NE¼ Sec 22 T30N R14W
- (6) LATITUDE/LONGITUDE:
- (7) MILEPOST/ROAD: 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 15.0 mi. to the M.F. Dickey bridge. Continue another 0.3 - 0.4 mi. (There are two old grades that go off the left within about 0.1 mi.). The second left, which has an old road sign that reads 5901 is the proper one. Walk down this grade to the second stream crossing (about 300 m). This stream is MD-R1-04.
- (8) DESCRIPTION OF FISHWAY, FACILITY: NA
- (9) DESCRIPTION OF BARRIER: Shotgun pipe that is in the process of failing. Undersized, so water is cutting around it.
- (10) OWNER: Dept of Natural Resources/Rayonier Timberlands Operations Company
- (11) FISH ACCESS UP TO BARRIER VERIFIED/PRIMARY SPECIES: Trout have been documented in the plunge pool and above the culvert.
- (12) HABITAT AVAILABLE ABOVE FISHWAY OR BARRIER: About 500 m of mostly trout habitat.
- (13) IDENTIFIED BY (agency/organization): WDFW - SSHEAR
- (14) SUBMITTED BY/DATE OBSERVED: Nettnin 4/95
- (15) INVENTORY DESCRIPTOR: MD-R1-04

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LEVEL II - Culvert/Barrier Description

CULVERT:

- (16) TYPE (Indicate number of each): concrete round
 concrete box
- (17) LENGTH: 30 ft smooth steel pipe
 CMP - Round
- (18) DIAMETER: 3 ft CMP - Arch or Ellipse
 Other:
- (19) WATER DEPTH: 8 in (20) SLOPE: (21) VELOCITY: 3 - 5 ft/sec
- (22) OUTFALL DROP: 2 ft
- DAM: (23) LENGTH: (24) HEIGHT:

RIVER: M.F. DICKEY

AREA: MD-R1

SITES: MD-R1-02, MD-R1-03, MD-R1-04

NAME: UNNAMED, ATTAWP, MEL'S

DATE: 4/95 REV:



