

SITE NUMBER: ED-115L-04
LOCAL NAME: Little Muddy Creek
WRIA: 20.0115E

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: E. F. Dickey **DATE:** 3/15/92 **OBSERVER:** Nettnin

CHANNEL TYPE: Valley wall tributary

TRIBUTARY TO: Thunder Creek (20.0115).

SITE LOCATION: L.B. @ R.M. 1.75 (field measurement)

LEGAL DESCRIPTION: NW1/4 S14 T29N R14W

| | UPPER END | LOWER END | THUNDER CREEK |
|---------------------------|------------------|------------------|----------------------|
| <u>WATER TEMP:</u> | 49° F | 49° F | 49° F |
| <u>FLOW (CFS):</u> | 0.1 - 0.3 | 0.1 - 0.3 | |

SUBSTRATE TYPE: Silt and occasionally sandy gravel.

SITE SIZE: **Length-** 800 m
 Width- Water surface = 1 - 3 m
 Channel width = 2 - 6 m
 Depth- 30 - 50 cm Max = 1 m

WATER SOURCE: Tributaries and springs

DIRECTIONS TO SITE: Go north from Forks on Hwy 101 for 3.1 mi. Turn left (west) about 0.1 mi. beyond MP 195 onto the D-2000. Proceed west on the D-2000 about 5.0 mi. to the D-2400 (just beyond the E.F. Dickey bridge). Turn right onto the D-2400 and drive 0.8 mi. to the Thunder Creek bridge. Continue on the D-2400 another 0.5 miles then bear left onto the D-2420. Continue on the D-2420 about 0.4 mile until coming to a bridge. This is ED-115L-04.

FISH ACCESS AND CURRENT USE: Fish have unlimited access to this channel. It has very nice entrance conditions. A few "risers" were observed in the beaver ponds. 0+ fry were also seen in a tributary to ED-115L-04.

FLOODING POTENTIAL: Low flood threat from Thunder Creek. This channel appears to experience high velocity winter flows, however.

LANDOWNER: Unknown at this time (probably DNR and/or ITT Rayonier).

COMMENTS & RECOMMENDATIONS: ED-115L-04 begins on a intermediate terrace above the left bank of Thunder Creek. The entire drainage has been logged and lots of woody debris has been left in the stream. Lots of blowdown was seen in the most recently logged area.

Water in the lower reaches of ED-115L-04 was very turbid gradually becoming less turbid upstream. No source of this turbidity was found, but beaver or otter activity is highly suspected.

This stream has excellent entrance conditions. Two small, useable tribs appear to provide winter rearing habitat and perhaps a little spawning area. A series of beaver dams in the upper reaches vary in height from one to five feet. "Risers" were observed above several of the lower dams. No fish were seen above the three uppermost dams.

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: E.F. Dickey

Site No.: ED-115L-04
 Site Name: Little Muddy Cr.
 WRIA: 20.0115E

DATE: 2/27/96

OBSERVER: Darrow/Nettlin

The bridge on the D2420 has been pulled out. The culverts should have been pulled on several streams also. The beaver dam that is located at the old bridge site is about six feet high.

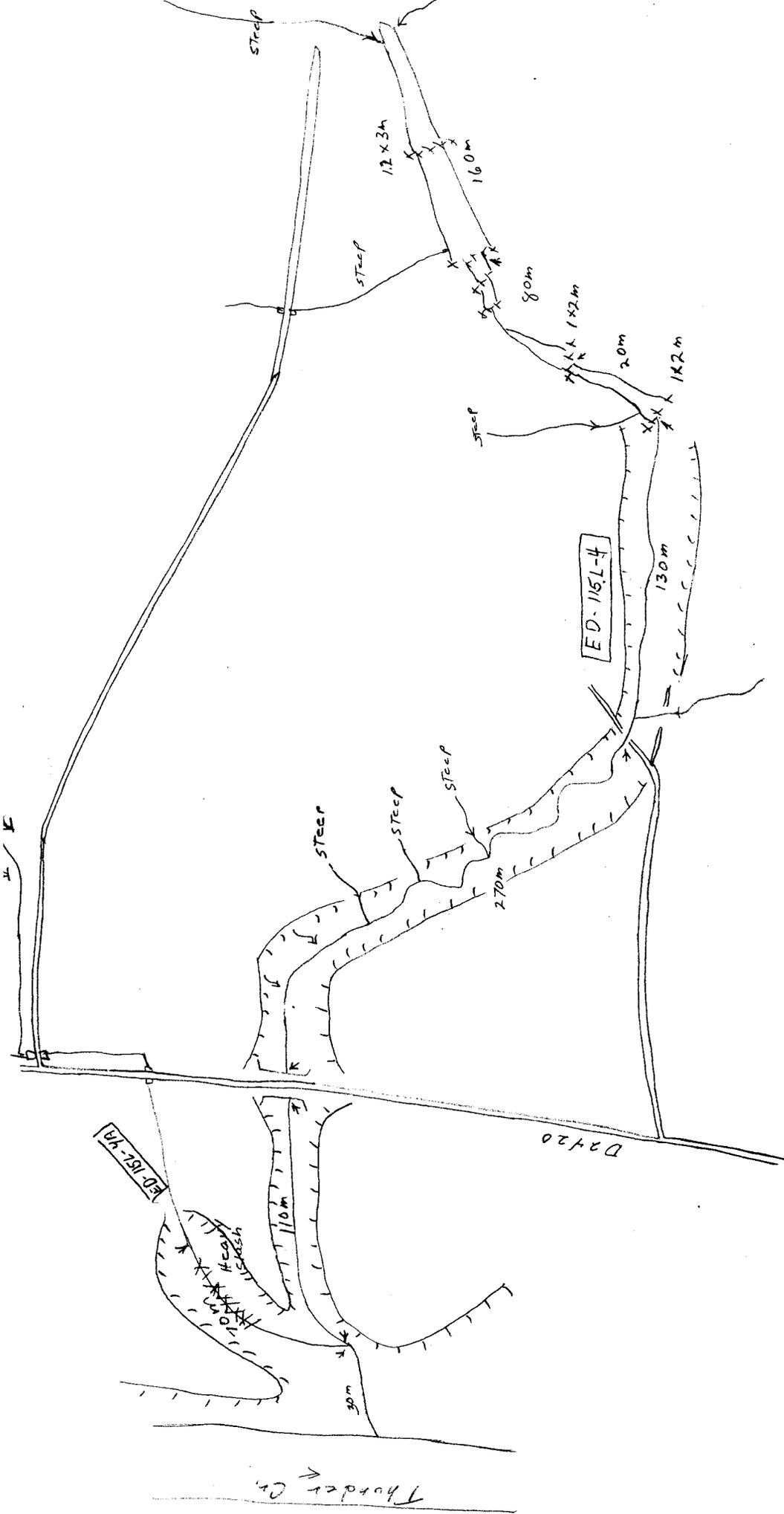
MINNOW TRAPPING REPORT

| TRAP | DATE SET | TEMP | DATE PULLED | TEMP | COHO | CATCH TROUT | | | COTTID |
|------|----------|-------|-------------|-------|------|-------------|------|----|--------|
| | | | | | | RBT | CUTT | 0+ | |
| 1 | 2/27 | 4.5°C | 2/28 | 3.0°C | 0 | 0 | 0 | 0 | 0 |
| 2 | 2/27 | 4.5°C | 2/28 | 3.0°C | 7 | 0 | 0 | 0 | 0 |
| 3 | 2/27 | 4.5°C | 2/28 | 3.0°C | 10 | 0 | 5 | 0 | 0 |
| 4 | 2/27 | 5.0°C | 2/28 | 2.5°C | 0 | 0 | 4 | 0 | 14 |
| 5 | 2/27 | 5.0°C | 2/28 | 3.0°C | 0 | 0 | 0 | 0 | 41 |
| 6 | 2/27 | 4.5°C | 2/28 | 3.0°C | 0 | 0 | 0 | 0 | 6 |
| 7 | 2/27 | 4.5°C | 2/28 | 3.0°C | 0 | 0 | 0 | 0 | 0 |
| 8 | 2/27 | 4.5°C | 2/28 | 3.0°C | 0 | 0 | 0 | 0 | 0 |
| 9 | 2/27 | 4.5°C | 2/28 | 3.0°C | 0 | 0 | 0 | 0 | 2 |

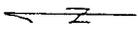
TOTALS: 17 0 9 0 63

COMMENTS:

- Trap #1 was set in the ditchline along D-2420 about 30 m above #2 trap.
- Trap #2 was set in the ditch just above the culvert for a spur to the D-2420.
- Fry were in excellent condition. Estimated length 110-135 mm.
- Trap #3 was set in the plunge pool of the culvert under the D-2420 line.
- Fry were in excellent condition. Coho ranged from 87 - 130 mm and the cutthroat ranged from 105 - 150 mm.
- Trap #4 was set under the old bridge in the mainstem of ED-115L-04.
- Cutthroat ranged from 115 - 164 mm.
- Trap #5 was set in the upper end of the pond formed by the dam at the old bridge site.
- The next four traps were set in a tributary to the Little Muddy Creek.
- Trap #6 was set about 20 m above the confluence with the Little Muddy Creek.
- Trap #7 was set about 50 m above trap #6.
- Trap #8 was set about 30 m below trap #9.
- Trap #9 was set just above a spur road that crossed the upper reach.



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|-----------------------|
| RIVER: E. F. DICKER |
| TRIB: THUNDER CR. |
| WRRA: 20, 0115 |
| AREA: ED-151 |
| SITE: ED-151-4 |
| NAME: LITTLE MUDDY CR |
| Map Date 3/92 |

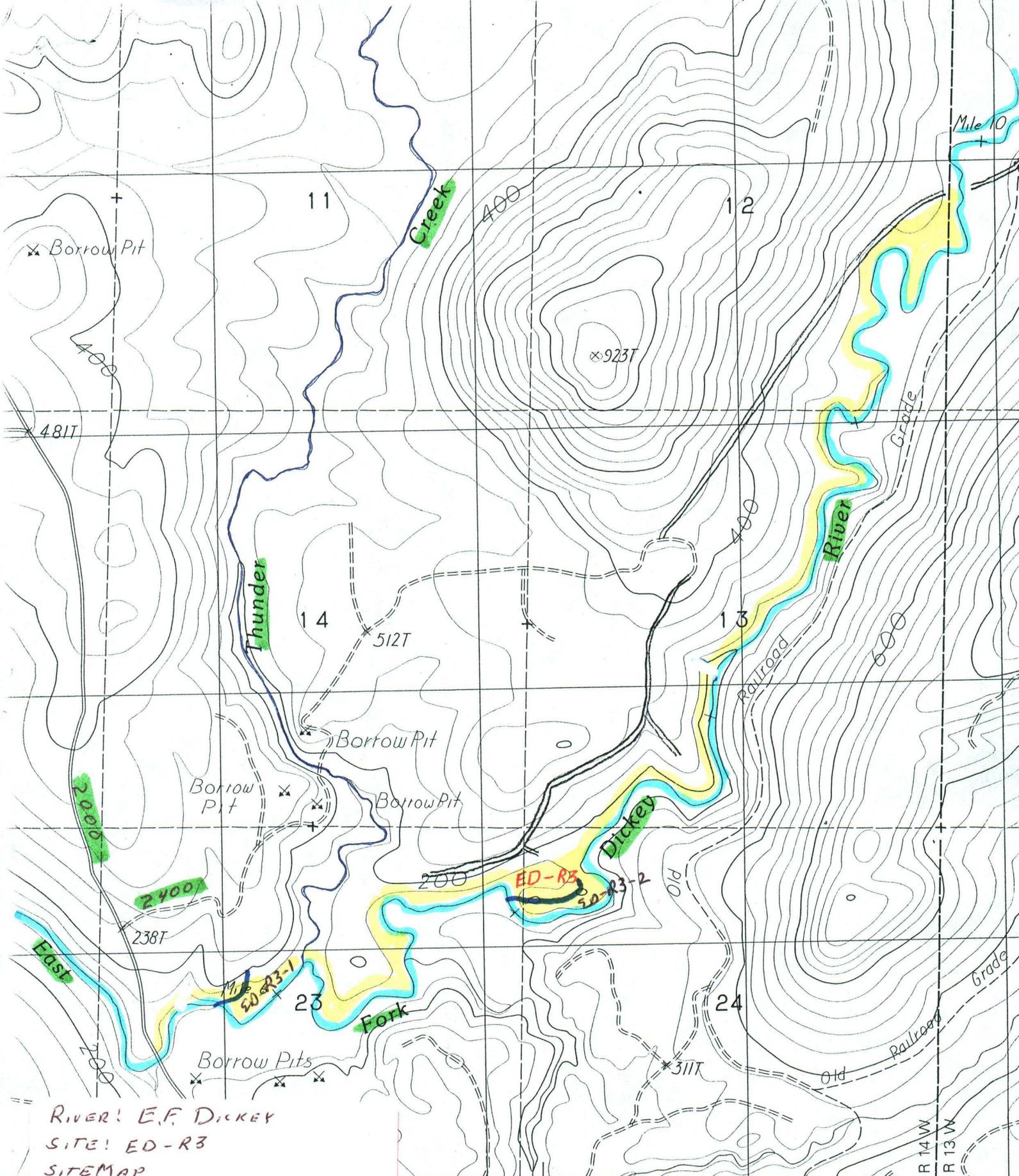


ED-151-4

ED-151-4

D 2120

Thunder Cr.



RIVER: E.F. DICKEY
 SITE: ED-R3
 SITEMAP

Map Date 3/11

BIOLOGICAL SURVEY
 USGS, NOS/NOAA
 I 1977 AND 1978
 D 1984
 PERT CONFORMAL CONIC
 RCATOR ZONE 10
 HINGTON NORTH ZONE

NORTH

391 27' 30" 392 393

SCALE 1:24 000

