

SITE NUMBER: ED-L2-02
LOCAL NAME: Killer Marsh
WRIA: 20.0113H

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: E. F. Dickey **DATE:** 2/28/91 **OBSERVER:** Nettnin

CHANNEL TYPE: Lower end of a small valley wall tributary

TRIBUTARY TO: E. F. Dickey River (20.0110)

SITE LOCATION: L.B. @ R.M. 4.2 (WDF)

LEGAL DESCRIPTION: NE1/4 S21 T29N R14W

	UPPER END	LOWER END	RIVER TEMP
<u>WATER TEMP:</u>	42 F	42 F	45 F
<u>FLOW (CFS):</u>	< 0.25	< 0.25	

SUBSTRATE TYPE: Gravel.

SITE SIZE: **Length-** 80 m (from mouth to alluvial fan)
 Width- Surface = 0.3 - 1 m
 Channel = 1 - 2 m
 Depth- 5 - 8 cm Max- 20 cm
 Marsh- 20 x 50 m (dry at present with sedges)

WATER SOURCE: Valley Wall Tributary.

DIRECTIONS TO SITE: Head north from Forks on Hwy 101 about 3.1 mi. Turn left (west) about 0.1 miles beyond MP 195 onto the D-2000 line. Continue west on the D-2000 about 4.1 mi. to the D-2300. Turn left (southwest) onto the D-2300. Continue on the D-2300 about 0.3 mi. then turn right (north) onto the D-2310. Proceed on the D-2310 about 1 mile until coming to a junction. Bear right at this junction. Continue another 0.5 miles and then bear left at the next fork. Proceed another 0.1 mi. and then right at next spur road. Hike down the back of the ridge to river. ED-L2-02 is situated at the toe of the valley wall.

FISH ACCESS AND CURRENT USE: Unrestricted access. No fish observed.

FLOODING POTENTIAL: Moderate potential for backwater flooding. It appears that the entire lower reach was flooded this past winter.

LANDOWNER: Unknown at this time.

COMMENTS & RECOMMENDATIONS: ED-L2-02 presently provides only transport water and has very limited rearing habitat. During periods of heavy run off part of the water from the valley wall trib. diverges at an alluvial fan and fills a small adjacent marsh. Water from the marsh, in turn, flows back into the valley wall trib further downstream. At such times upstream migrants have access into the marsh. It appears that after a few days without rain the marsh dries up, thus stranding and killing anything that may have entered. If the small valley wall tributary was altered to flow into the marsh at all times, the marsh would become much more reliable coho rearing habitat instead of a "death trap"

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION

River System: E.F. Dickey

Channel No.: ED-L2-02
Site Name: Killer Marsh
WRIA:20.0113H

DATE: 4/29/92 **OBSERVER:** King

- Flow is up and running into marsh. Good potential for making partial diversion into marsh.

DATE: 9/17/92 **OBSERVER:** Nettnin

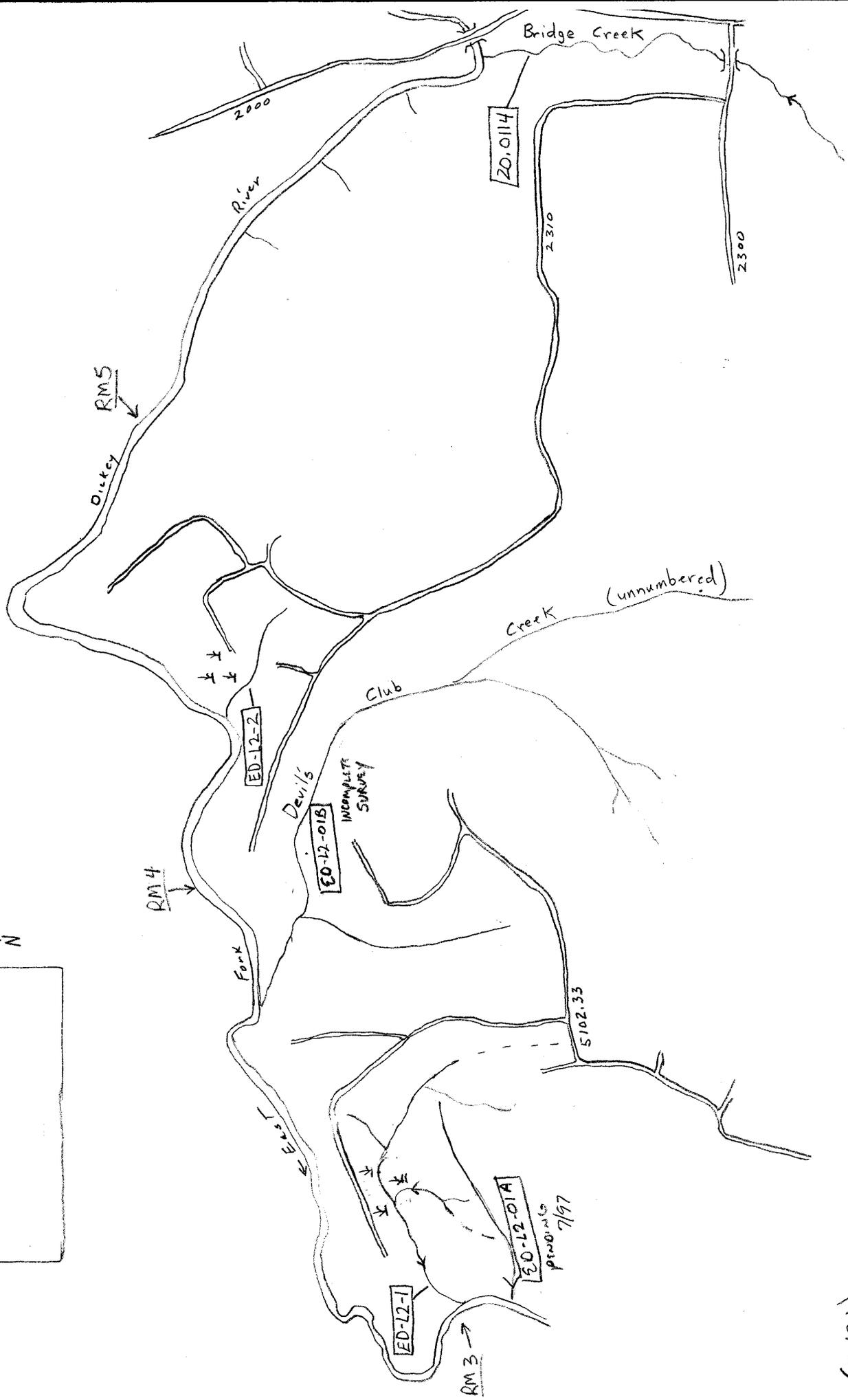
Dave Nettnin and a crew from the Clearwater corrections center blocked off the existing channel and the overflow channel was excavated to allow the stream to flow into the marsh all the time.

Prior to this modification the stream bypassed the marsh during normal flows and flowed into the marsh only on freshets. Then the marsh would dry up stranding any fish that had moved into it.

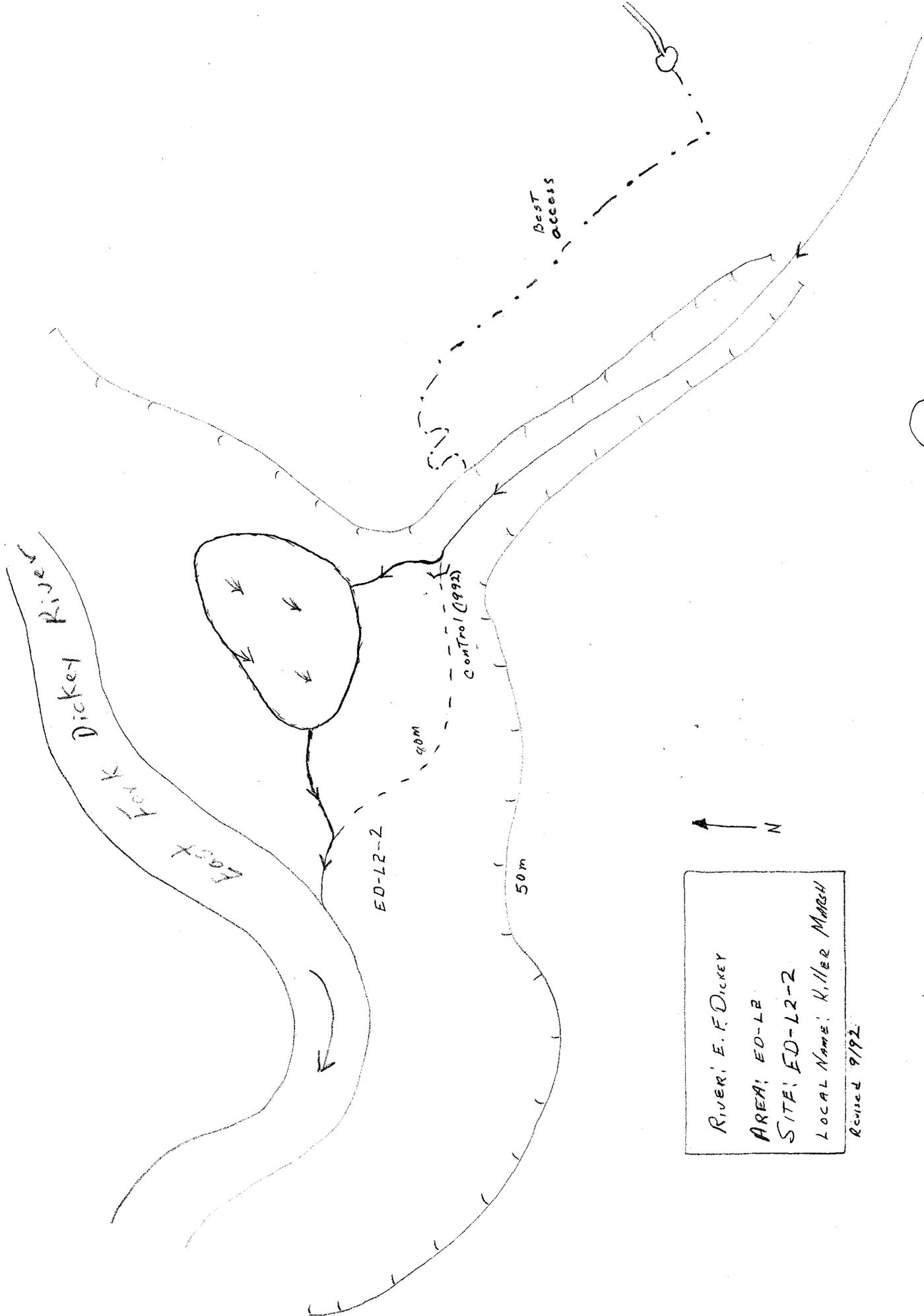
DATE: 11/24/92 **OBSERVER:** Nettnin

The project is functioning as desired, but there are signs of erosion where the stream flows past the dam. We should take more planking into the site and reinforce the diversion dam.

RIVER: EAST FORK DICKEY
 AREA: ED-L2
 OVERVIEW MAP



(2/91) REVISED 7/97



RIVER: E. F. DICKEY
 AREA: ED-L2
 SITE: ED-L2-2
 LOCAL NAME: KILLER MARSH
 Revised 9/92

