

SITE NUMBER: CW-L2-01

LOCAL NAME: Tiemeyer's

WRIA:

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Clearwater **DATE:** 5/3/88 **OBSERVER:** Nettnin

CHANNEL TYPE: Terrace Tributary (wall-based)

TRIBUTARY TO: Clearwater River (21.0024)

SITE LOCATION: River mile - 2.3 L.B. (Stream catalog)

LEGAL DESCRIPTION:

	UPPER END	LOWER END	
	(Above cedar pile)	(Tiemeyer's bridge)	(Trap site)
<u>DISSOLVED OXYGEN:</u>	4.5 mg/l	4.0 mg/l	5.0 mg/l

<u>WATER TEMP.:</u>	7.5 C	7.5 C	8.0 C
----------------------------	-------	-------	-------

<u>AIR TEMP.:</u>	10.5 C	10.5 C	11.0 C
--------------------------	--------	--------	--------

FLOW (CFS): Springs = 60-100 gal/min 2 - 3 cfs

SUBSTRATE TYPE: Deep silt, except for a patch of gravel just above Tiemeyer's bridge and a patch just downstream of the Clearwater Rd.

SITE SIZE: **Length-** Approx. 1330 m (Partially estimated from photos)
 Width- 4 to 5 ft where channelized (excludes marsh areas)
 Depth - 12 to 18" where channelized (excludes marsh areas)

WATER SOURCE: Springs from the base of the hill and surface runoff.

DIRECTIONS TO SITE: Head north on Highway 101. Turn right 0.9 miles beyond mile post 146, onto the Clearwater Rd. North on the Clearwater Rd. 2.7 miles to the Hurst Creek bridge. Road crosses L-2-1 about 0.1 miles north of the bridge. See attached map.

FISH ACCESS AND CURRENT USE: Appears to have good access. Queets tribe is currently smolt trapping just downstream of the Clearwater Rd. culvert. Past catch data may be available.

FLOODING POTENTIAL: Low to moderate.

LANDOWNER: Tiemeyer and others.

COMMENTS & RECOMMENDATIONS: The channel of CW-L2-01 is deeply incised near its mouth, as it cuts through the steep river bank and enters the river at a small eddy. Some silty gravel occurs in the lower reach. The channel is well-defined from the Clearwater Rd to Tiemeyer's bridge, but choked with canary grass. A short stretch of gravel occurs above Tiemeyer's bridge. A floating cedar debris jam in a small pond upstream of the bridge may need to be removed. The reach east of the shake mill was formerly buried in cedar waste. A channel was dug by WDF to provide passage. Most of the water still flows under the cedar pile, however.

The lower marsh has water to a depth of 18" and has very heavy stands of saw grass. It has also been partially filled with cedar waste. Some shallow, minor ponds occur in the uppermost marsh area. This system seems to have a lot of potential. Need to know the present extent of usage and the quality of fish coming out of this system (see Queets trapping data). Since low D.O. readings have been noted this may be a potential problem. Further water quality testing may be desired. Further excavation of cedar waste materials as well as channelization and deepening of the marsh areas may be feasible. Directing more flow through the previously excavated channel may also be feasible. This would insure fish access to the upper marsh areas.

DATE: 5/17/88

OBSERVER: Nettnin

D.O. samples were taken at two separate sites along the left bank of the wall-based marsh in the uppermost reaches of channel CW-L2-01 (Tiemeyer's channel). The results are reported below.

Site #1: Lower end of upper marsh.

Air Temp: 51 F
Water Temp: 52 F
D.O. : 15.0 mg/l

Site #2: Upper end of upper marsh.

Air Temp: 51 F
Water Temp: 55 F
D.O. : 8.0 mg/l

DATE: 12/6/88

OBSERVER: Nettnin/Young

Dissolved oxygen measurements were made at two locations. D.O. sample #1 was taken at the bridge just downstream of the shake mill. D.O. sample #2 was taken at the upper end of the cedar waste piles (just upstream of the mill). The results were as follows:

D.O. Sample #1 ----- 3.2 mg/l

D.O. Sample #2 ----- 7.0 mg/l

DATE: 4/6/89

OBSERVER: Nettnin

Set two minnow traps at this site. Both traps were baited with salmon roe which was placed loose inside the trap. Trap #1 was set just upstream (or north) of the cedar fill materials near a log and some sawgrass in about 1 to 2 ft of water (see attached map). This same area had been electro- shocked during the past Fall. At that time no fish were captured. Trap #2 was set upstream of the main beaver dam and just west of the large gravel pits. This trap was set near some woody debris in about 3 to 4 ft of water (see attached map).

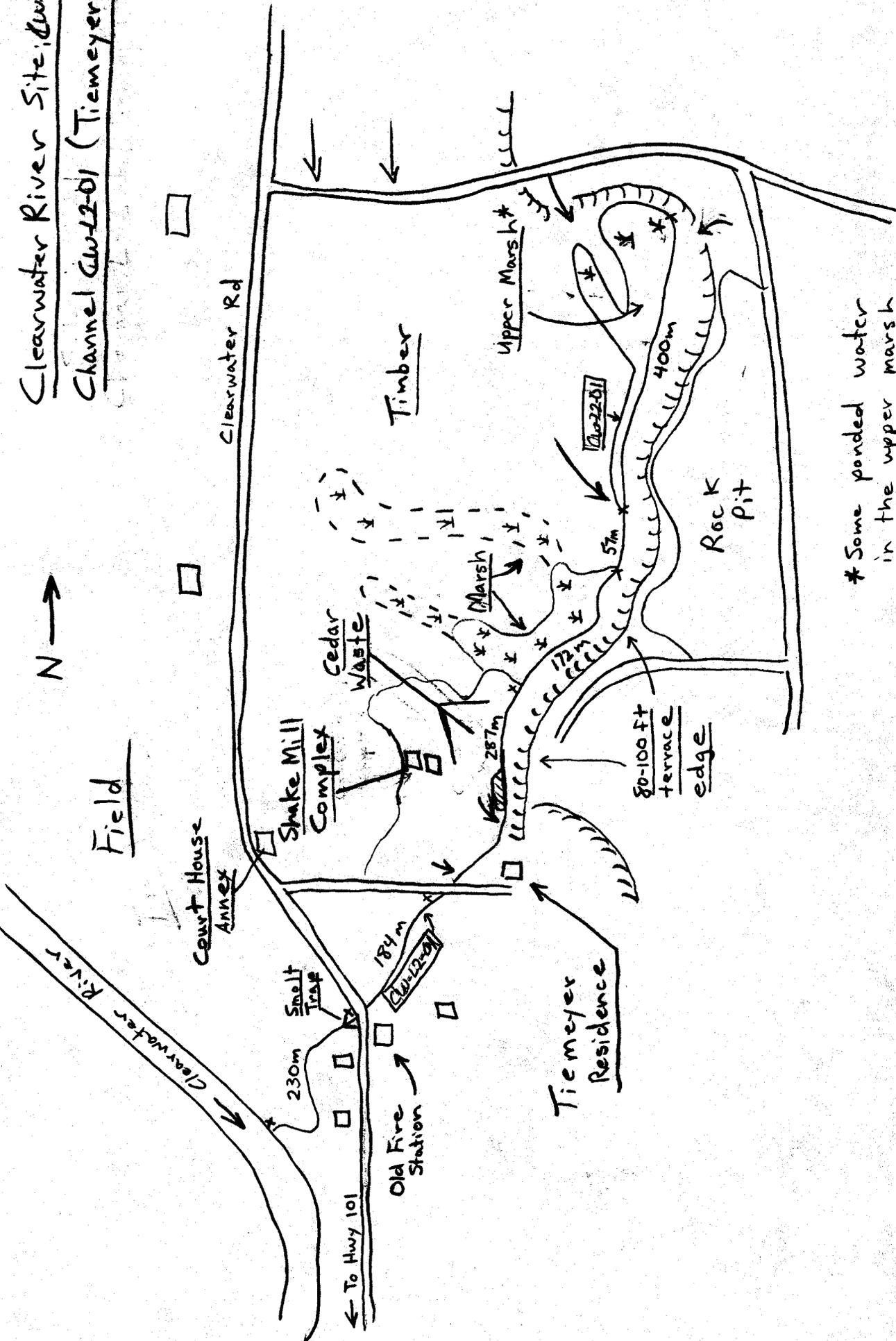
DATE: 4/8/89

OBSERVER: Nettnin

Traps set on 4-6-89 were fished. Trap #1 contained 1 juvenile coho (about 90 mm long), 1 sculpin and 4 dace. Trap #2 contained only 1 newt and 1 salamander. No coho were captured. Neither trap was reset.

Clearwater River Site: CW-22
Channel CW-22-01 (Tiemeyer's)

N →

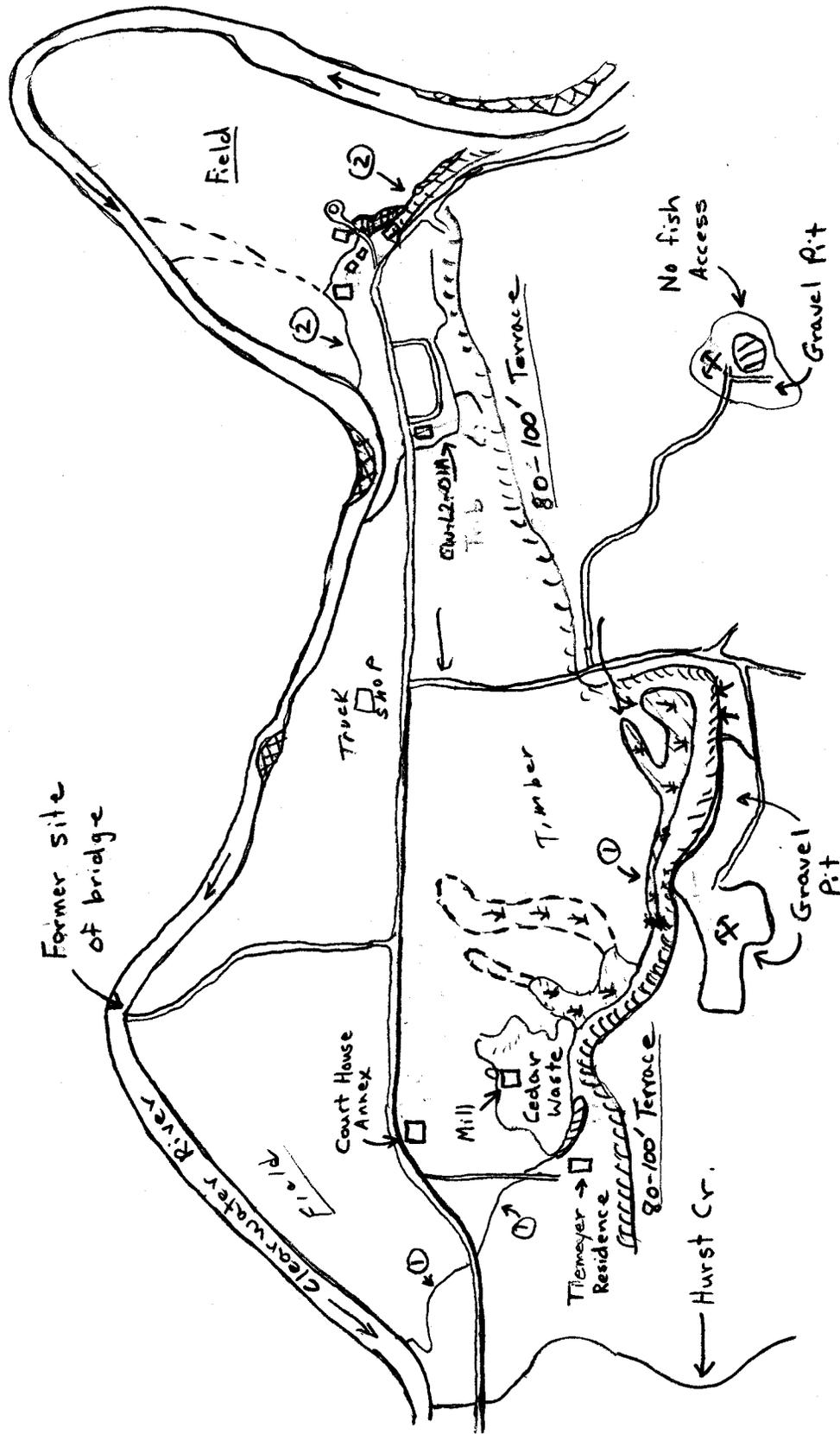


*Some ponded water in the upper marsh area due to beaver activity.

Clearwater River Site: CW-L2

Overview Map

updated 12/94



Clearwater River Site: CW-L2

