

SITE NUMBER: CW-L5-03

LOCAL NAME: Pond #2

WRIA:

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Clearwater **DATE:** 5/25/88 **OBSERVER:** Nettnin

CHANNEL TYPE: Terrace trib (upper end is wall based)

TRIBUTARY TO: Clearwater River (21.0024)

SITE LOCATION: River mile - 12.4 R.B.

LEGAL DESCRIPTION:

| | UPPER END | LOWER END | |
|---------------------|-----------|-----------|--------------|
| WATER TEMP.: | 48 F | 51 F | River = 49 F |
| AIR TEMP.: | 55 F | 50 F | 50 F |
| FLOW (CFS): | < 0.25 | 1.0 - 2.0 | |

SUBSTRATE TYPE: Mostly silt. Some gravel at smolt trap site (See map)

SITE SIZE: Length- 675 - 700 m
Width- 4-6 ft (Excluding pond)
Depth- 4-8 inches. (Excluding pond)

WATER SOURCE: Springs.

DIRECTIONS TO SITE: Head north on Highway 101. Turn right 0.9 miles beyond mile post 146 onto the Clearwater Rd. Proceed north 8.4 miles until coming to the Shale Creek bridge. Stay to the left (C-2000) as the road forks just beyond Shale Creek. Proceed another 0.9 miles until coming to the Gross bridge (crosses the Clearwater at RM 12.3). CW-L5-02 and CW-L5-03 (Ponds #1 and #2) are located at the south end of the bridge and just east of the C-2000 Rd (See site direction map).

FISH ACCESS AND CURRENT USE: Appears to have good access. 0+ coho and numerous small dace were seen. Quianult Tribal Fisheries is currently operating a smolt trap below the pond. Past and present catch data should be available.

FLOODING POTENTIAL: Moderate to low.

LANDOWNER: Unknown at this time. Probably ITT Rayonier.

COMMENTS & RECOMMENDATIONS: Channel CW-L5-03 enters the Clearwater at a large, deep back eddy just upstream of the Gross Bridge. Fish appear to have good access despite the woody debris which tends to collect at the mouth. The lower 50 m of the channel is deeply incised (10 to 15 ft vertical banks). The two egress channels from Pond # 1 (see CW-L5-02) enter CW-L5-03 along this lower reach. A short section of silty gravel can be found near the smolt trapping site below Pond #2 (180 to 200 m from the mouth).

Pond #2 is formed in part by an old grade. Water leaving the pond flows through a 24 inch culvert and then down a small cascade which drops about 2 vertical feet in 5 or 6 horizontal feet. Fish apparently make it into the pond but this culvert may restrict access at certain flows.

Upstream of the pond the channel is wall based. At the time of this survey the flow here was estimated at 0.25 to 0.5 cfs. According to Warren Scarlett (DNR), some fish have been known to move through the pond and utilize this habitat above the pond.

SITE NUMBER: CW-L5-03
RIVER SYSTEM: Clearwater
POND NAME: Pond #2

POND DATA SUPPLEMENT

DATE: 5/25/88

| | INLET | OUTLET |
|----------------------------------|--------------|---------------|
| <u>DISSOLVED OXYGEN:</u> | 13.0 mg/l | 10.0 mg/l |
| <u>WATER TEMPERATURE:</u> | 48 F | 56 F |
| <u>AIR TEMPERATURE:</u> | 55 F | 53 F |

POND SIZE:

LENGTH - 180 - 200 m

WIDTH - 70 m

DEPTH - Difficult to estimate. Appears most of the pond is 8 to 12 inches with a maximum depth of about 4 ft. May desire more extensive depth measurements.

WATER SOURCE: Springs and terrace trib.

FISH ACCESS & CURRENT USE: Use of this pond by juvenile coho for winter rearing has been documented. A smolt traps is currently being operated here by the Quinault tribe. Past catch data should be available. Fish access may be restricted at certain flows due to the culvert at the outlet of the pond.

TYPE & AMOUNT OF IN POND COVER: About 80 % of the pond's surface is covered with lily pads. A few old logs are also present in the pond.

COMMENTS: This pond appears to have a number of shallow areas which could be deepened.

DATE: 11-22-88

OBSERVER: King

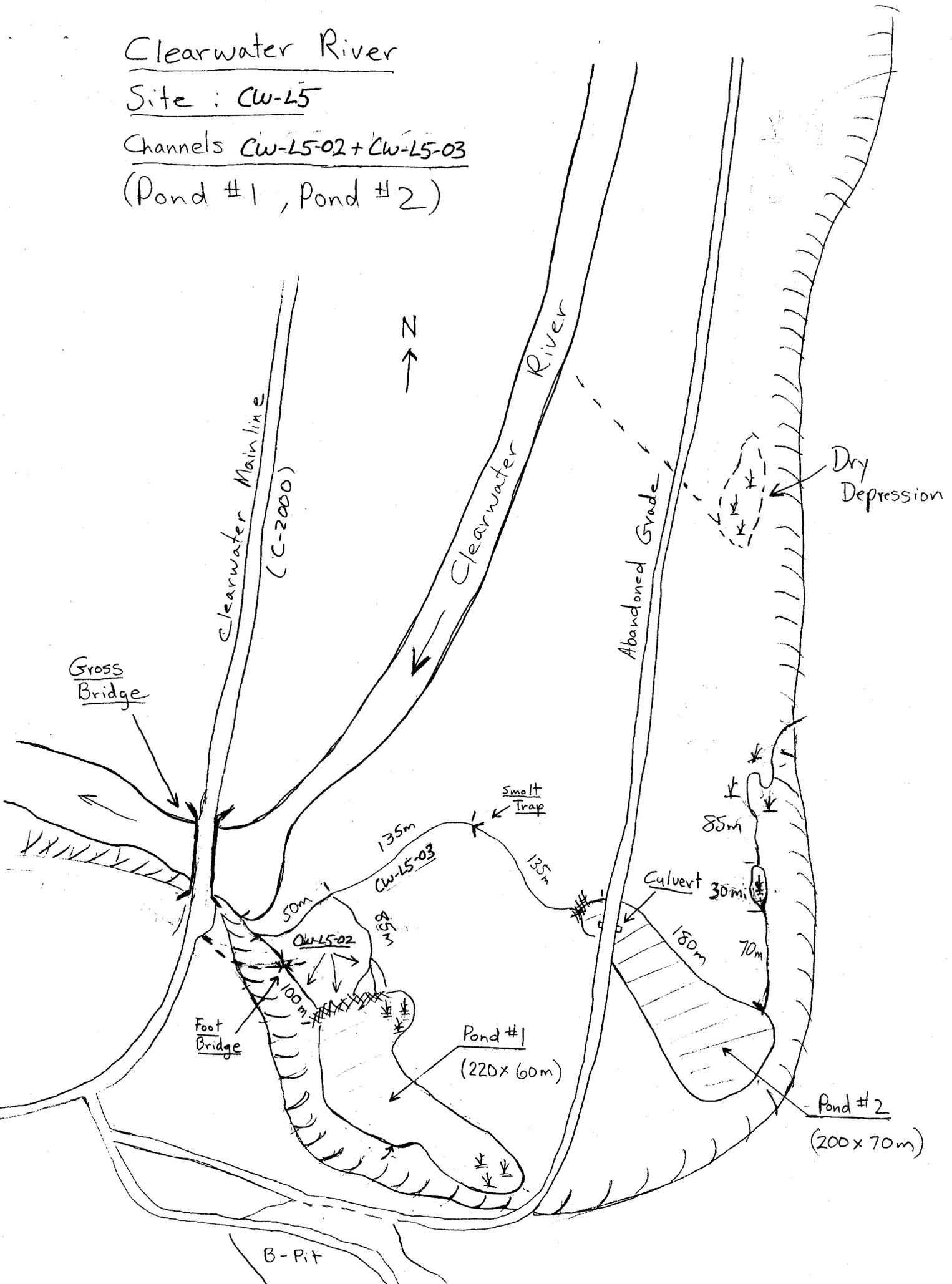
The outlet of the pond is plugged by a large beaver dam, but water was running around the end which looked passable at this flow. Culvert is plugged. From this pond downstream to pond 1 the channel is clear and contains some very nice marsh habitat. If pond 1 is trapped for upstream migrants then this one should also be trapped.

Clearwater River

Site : CW-15

Channels CW-15-02 + CW-15-03

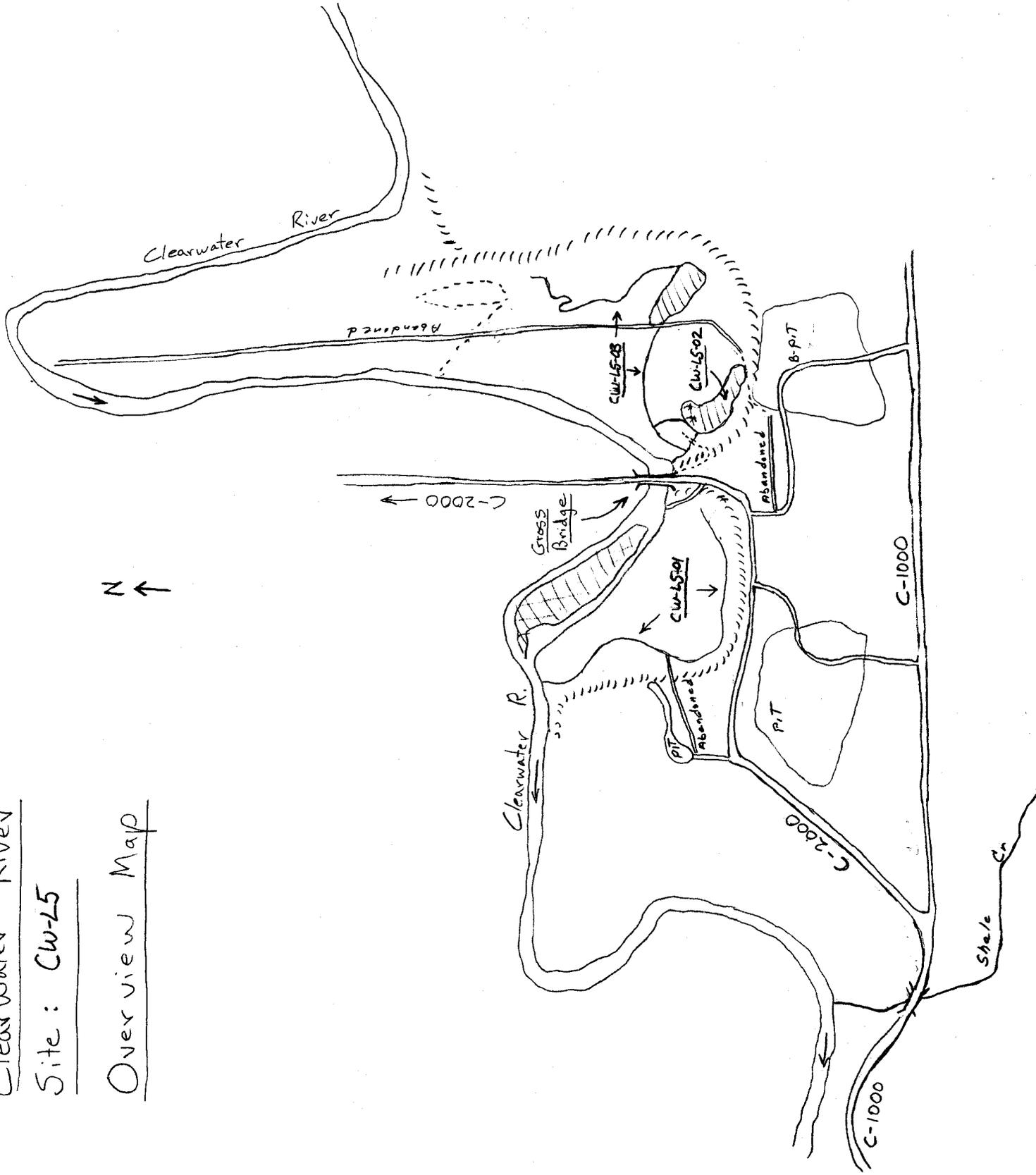
(Pond #1, Pond #2)



Clearwater River

Site: CW-25

Overview Map



Clearwater R.

Site: Cw-15

5281

40'

T. 25 N.

5278

1 MI. TO U.S. 101

