

SITE NUMBER: CW-L2-02

LOCAL NAME: Duck pond

WRIA:

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

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

CHANNEL TYPE: Terrace tributary which feeds into a overflow channel

TRIBUTARY TO: Clearwater River (21.0024)

SITE LOCATION: River mile - 3.7 L.B. (Stream catalog)

LEGAL DESCRIPTION:

UPPER END **LOWER END**

DISSOLVED OXYGEN: Not taken on this date. See pond data supplement.

WATER TEMP.: - 7 C

AIR TEMP.: - 8 C

FLOW (CFS): < 0.1 0.25 - 0.5

SUBSTRATE TYPE: Mostly silt and a little silty gravel.

SITE SIZE: **Length-** 565 m
 Width- 1 to 4 ft (excluding ponds)
 Depth- 2- 4". Ponds/pools 2-4'

WATER SOURCE: Spring water from the base of the hill at the upper end of the channel. Lower channel receives overflow from the Clearwater.

DIRECTIONS TO SITE: Head north on Highway 101. Turn right 0.9 miles beyond mile post 146 onto the Clearwater Rd. Proceed north 4.0 miles. Turn left into a small shake mill just before the Clearwater Rd starts up the hill. The upper ponds are just west of the Clearwater Rd and north of the shake mill and residence. See attached map.

FISH ACCESS AND CURRENT USE: Some coho fry were seen in the lower part of the channel. Access to the upper ponds is unlikely.

FLOODING POTENTIAL: Lower end: Moderate to high. Upper end: Low.

LANDOWNER: Unknown at this time.

COMMENTS & RECOMMENDATIONS: Water in CW-L2-02 emanates from springs at the base of an 80 ft terrace wall. It then flows into two man-made ponds. The small upper pond is wall-based and shallow with a natural, swampy appearance. The larger pond lies at the edge of a field and is utilized by domestic waterfowl. The pond outlet is at a small culvert under a driveway. A dam board here maintains the pond level. A brushy egress leads to a river overflow channel. A bad culvert/cascade at the mouth of the egress is impassable. The overflow channel is dry upstream of the egress but has two deep pools between the egress and the river. Habitat quality and lack of water volume limit improvement potential.

SITE NUMBER: CW-L2-02
RIVER SYSTEM: Clearwater
(Large duck pond)

POND DATA SUPPLEMENT

DATE: 5/17/88

INLET OUTLET

DISSOLVED OXYGEN: 7.0 mg/l 10.5 mg/l

WATER TEMPERATURE: Spring = 49 F 58 F (Air: 52 F)

POND SIZE:

LENGTH - 100 m

WIDTH - 20 - 30 m

DEPTH - 2 - 3 ft

(If dry est. depth from high water mark on bank)

WATER SOURCE: Springs from the base of the terrace wall.

FISH ACCESS & CURRENT USE: Access does not seem likely under current conditions. No fish were seen in the pond.

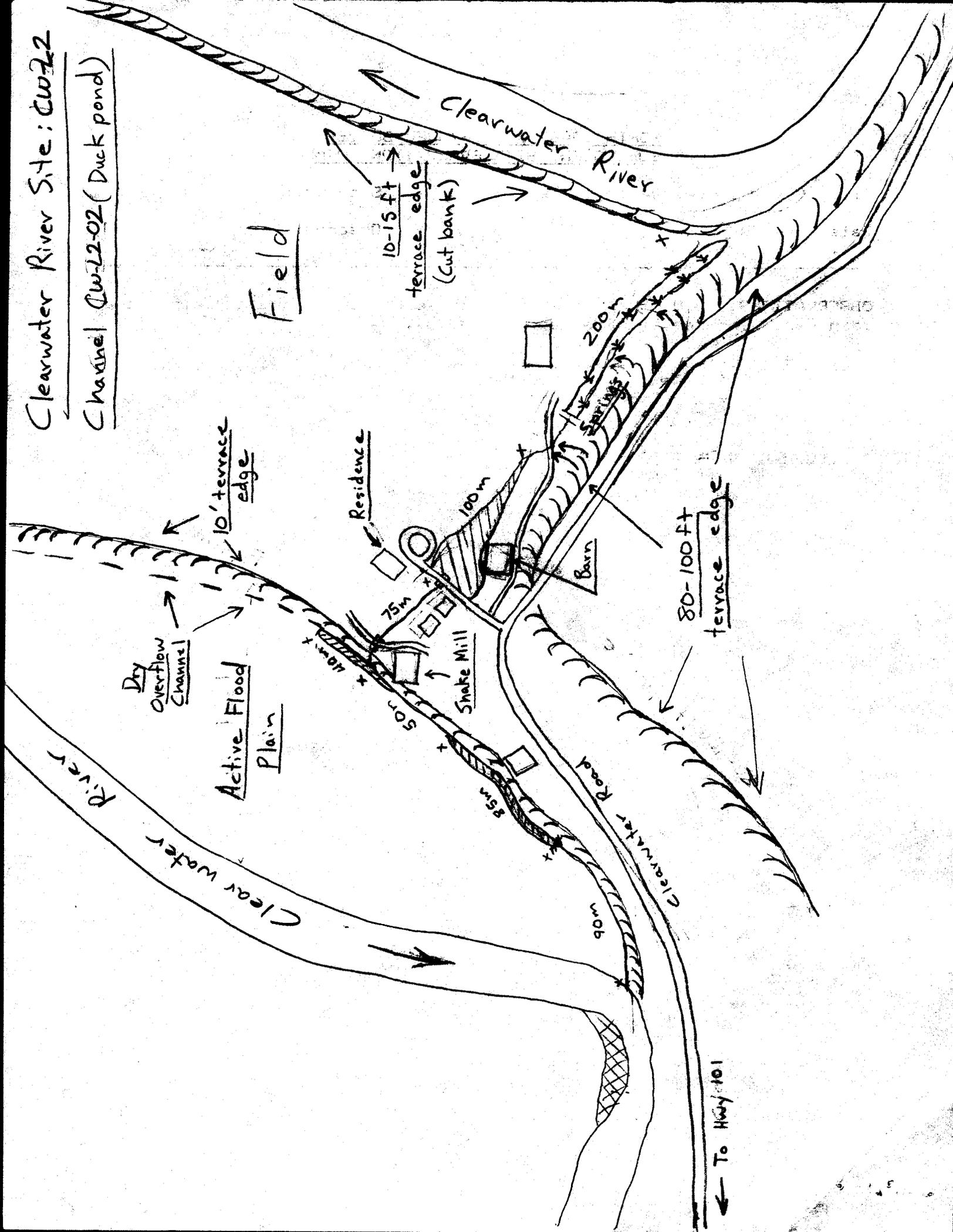
TYPE & AMOUNT OF IN POND COVER: No visible cover.

COMMENTS: This pond is a man-made impoundment along a small terrace tributary. It appears to have a gravel & rubble substrate under a thin layer of sediment. It is used by domestic waterfowl and live-stock and also for residential irrigation.

The land owner said he had seen fish in the pond in past years but had not seen any recently. He also said the river overflow channel behind his mill used to be a major channel of the river. The overflow channel was dry most of last winter. He mentioned that the springs at the base of the hill went dry for the first time in 14 years during the summer of 1987.

Even after a fairly substantial rainfall the volume of water flowing through this pond is unimpressive. Making this pond accessible to upstream migrants does not appear to be a high priority. Low density fry planting of the pond may be a possibility.

Clearwater River Site: CW-22
Channel CW-22-02 (Duck pond)



Field

Clearwater River

10-15 ft terrace edge (cut bank)

10' terrace edge

Residence

100m

Barn

80-100 ft terrace edge

Dry Overflow Channel

Active Flood Plain

Shake Mill

75m

50m

Clearwater Road

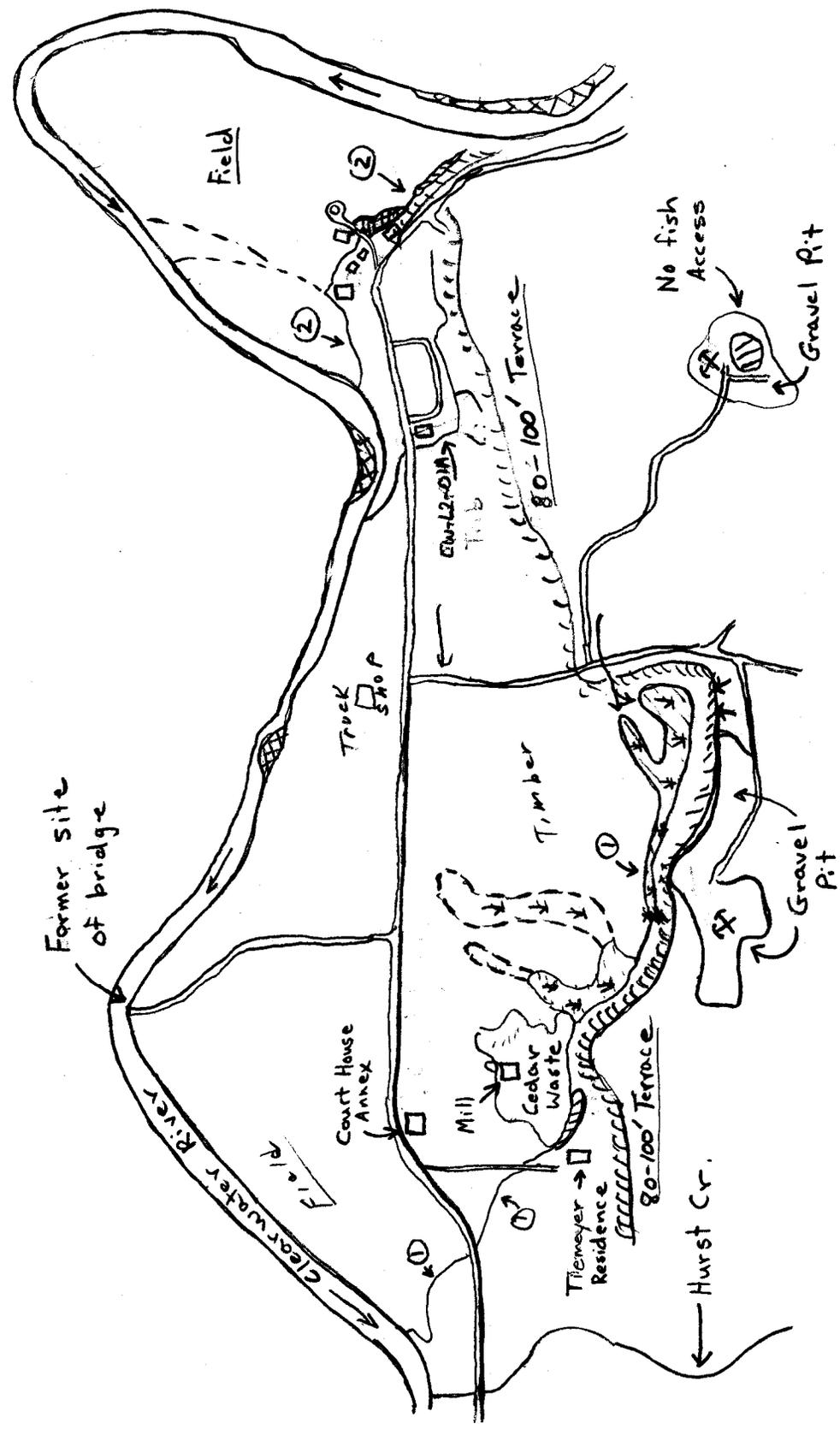
900m

← To Hwy 101

Clearwater River Site: CW-L2

Overview Map

updated 12/94



Clearwater River Site: CW-L2

