

SITE NUMBER: CW-R8-03

LOCAL NAME: Homberg's

WRIA:

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Clearwater **DATE:** 6/28/88 **OBSERVER:** Young/Nettnin

CHANNEL TYPE: Terrace tributary (wall based)

TRIBUTARY TO: Clearwater River (21.0024)

SITE LOCATION: River mile - 19.8 R.B.

LEGAL DESCRIPTION:

	UPPER END	LOWER END
<u>WATER TEMP.:</u>	50 F	60 F (River = 57 F)
<u>AIR TEMP.:</u>	57 F	64 F
<u>FLOW (CFS):</u>	5 to 10 gal/min	20 gal/min (measured at dam at pond outlet with a bucket)

SUBSTRATE TYPE: Mostly mud and silt. A small amount of silty gravel near the mouth.

SITE SIZE: Length- 550 - 575 m
Width- 1 - 3 ft (excluding pond)
Depth- 2 - 4 inches. (excluding pond)

WATER SOURCE: Springs.

DIRECTIONS TO SITE: Head north on Hwy 101. Turn right 0.9 mi. beyond mile post 146 onto the Clearwater Rd. Proceed north 4.5 miles until coming to mile post 25.5 (the first in a series of descending half mile markers). Stay on the mainline. Turn right between MP 16.5 and 16.0 (just beyond the one lane Snahapish River bridge) onto the C-3000. Stay on the C-3000 for 0.9 mi. then turn right onto a gravel road which leads down the hill. A gate part way down the hill will likely be locked. CW-R8-03 is located at the bottom of the hill and east of the road (See site direction map).

FISH ACCESS AND CURRENT USE: Small woody debris in the lower 100 m of the channel and a sandbag dam at the pond outlet currently restrict the up migration of 0+ coho. Winter rearing seems likely. The pond at the lower end of CW-R8-03 was created by DNR. They have monitored the fish usage of this system in the past.

FLOODING POTENTIAL: Low.

LANDOWNER: State of Wash. and Ernie Homberg (962-2911 or 289-3113).

COMMENTS & RECOMMENDATIONS: CW-R8-03 enters the river at a large, deep back eddy just below a short riffle/rapid. The lower 100 m of the channel is deeply incised with 4 to 6 ft banks along a 3 to 4 ft wide channel. Some small to medium woody debris along this lower reach could restrict upstream migration of juvenile coho at lower flows.

A small pond has been excavated along CW-R8-03 approximately 100 m above its mouth (see pond data supplement). Department of Natural Resources biologists have monitored past coho use in this system and should have pertinent information.

The upper 400 m of the channel (i.e. upstream of the pond) runs along the base of a 100 ft high terrace wall. A number of small springs emanate from the base of the wall. The upper reach could be developed as a beaded channel, however, it may go dry by late summer. The surrounding ground is soft and lifts easily. Deepening of a major portion of the upper channel might also be considered.

SITE NUMBER: CW-R8-03
RIVER SYSTEM: Clearwater
LOCAL NAME: Homberg's Pond

POND DATA SUPPLEMENT

DATE: 6/28/88

	INLET	OUTLET
DISSOLVED OXYGEN:	N/A	10.0 mg/l
WATER TEMPERATURE:	N/A	62 F
AIR TEMPERATURE:	N/A	64 F

POND SIZE:

LENGTH - 60 m (determined with range finder)
WIDTH - 30 m (determined with range finder)
DEPTH - Est. 6 to 8 ft.

WATER SOURCE: Terrace trib and springs.

FISH ACCESS & CURRENT USE: This pond may not currently be accessible to 0+ coho due to low flows and a sandbag dam at the outlet. DNR has monitored the pond for over winter use by juvenile coho during the past few years.

TYPE & AMOUNT OF IN POND COVER: Appears to have very little in pond cover. Some small dead spruce trees have been placed around the perimeter of the pond. The water is very colored and it is difficult to see if other in pond cover exists in the deeper water.

COMMENTS: This man made pond is was excavated during the mid 1980's. It is currently inhabited by a flock of domestic waterfowl. The pond lacks shade and may have problems with high temperatures, low flows and low D.O.s by the end of the summer. Department of Natural Resources biologists have monitored overwinter use of the pond by juvenile coho during the past few years and should have

DATE: 8/2/88

OBSERVER: King, Nettnin

Both the inlet and egress channels are currently dry. Pond level is down about 12 inches from level at initial survey.

DATE: 12/1/88

OBSERVER: Nettnin, Young

Electroshocked various sites along the spring channel upstream of Homberg's pond (see map). Results are listed below:

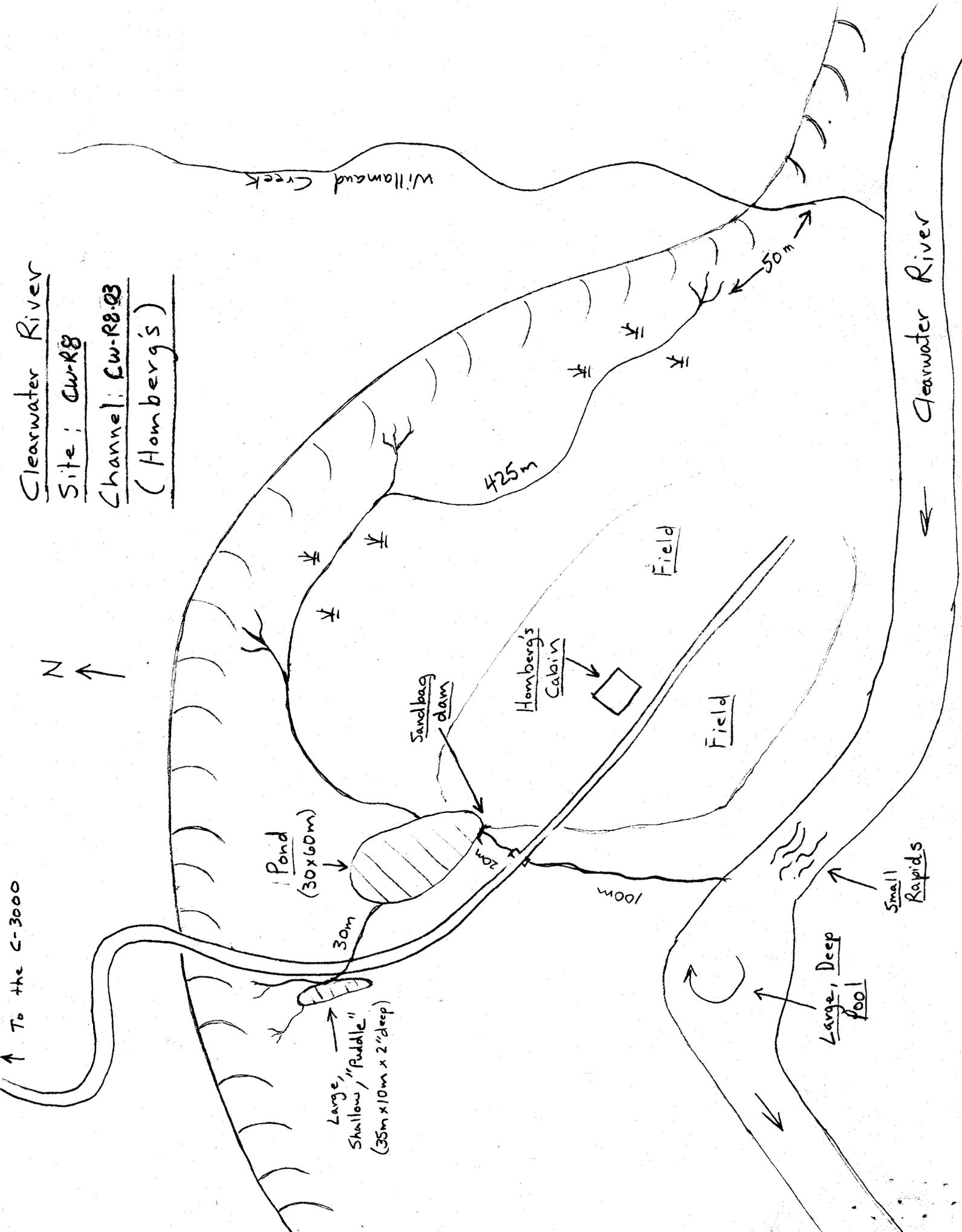
Site	Area	Effort (Sec.)	Results
1.)	Area just downstream of first RB trib.	122	Caught 7 coho, 1 Rb trout and rolled 5 other salmonids. Two coho branded w/ a north T.
2.)	Approx. 15 m upstream of the first RB trib.	200	Caught 2 coho and 1 trout. One coho was branded w/ an east T.
3.)	Approx. 30 m upstream of the first RB trib.	64	Caught 5 coho and 1 trout. One coho was branded w/ an east T.
4.)	Near old dump site.	44	Caught 1 coho and 1 trout. Rolled 1 other salmonid.
5.)	Just upstream of the large springy area. Stream is very small.	55	Caught 1 coho. Flow down to 40-60 gal/min. About 1 ft wide 2 inches deep and 0.5 fps

Clearwater River
Site: CW-R8
Channel: CW-R8-03
(Homborg's)

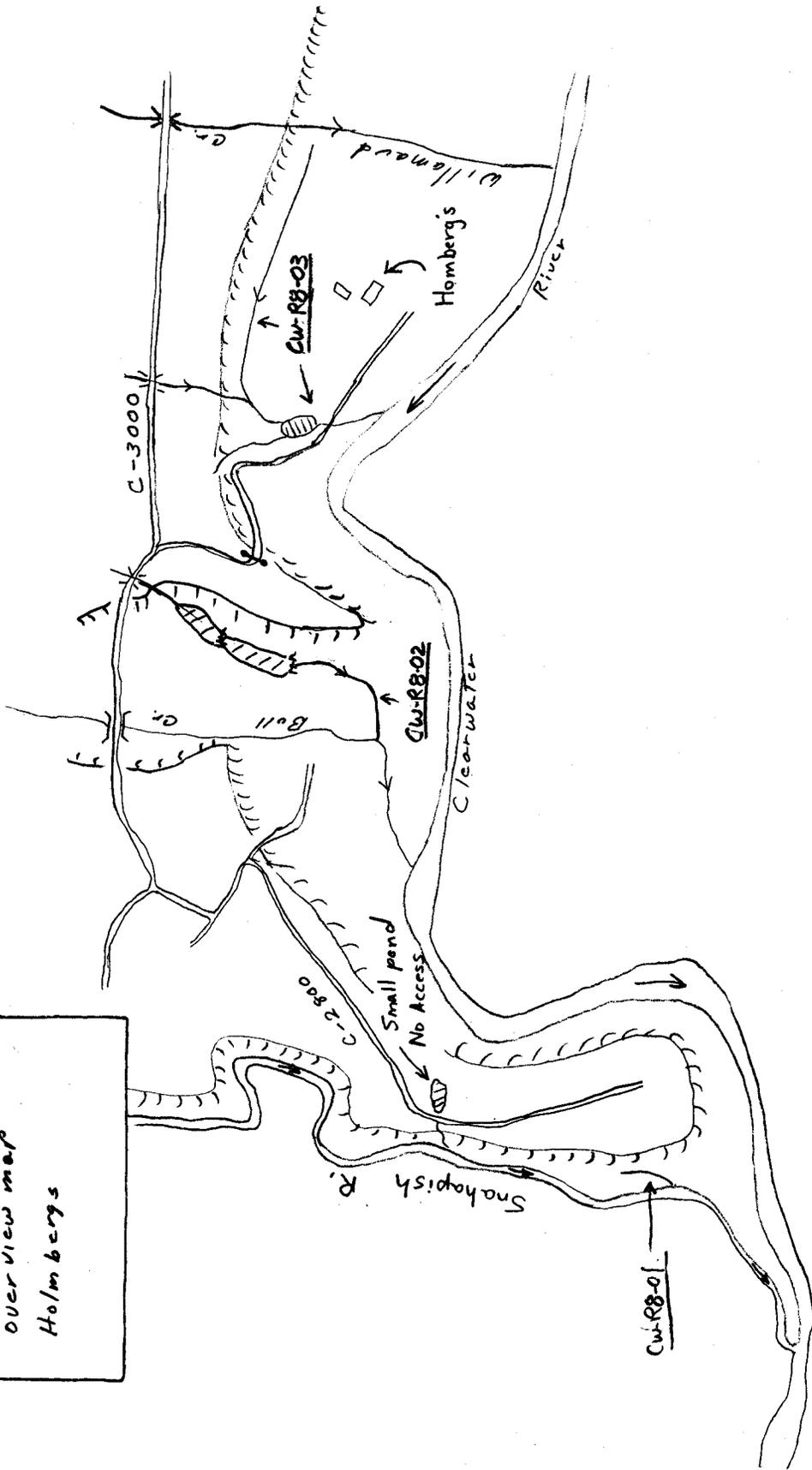
↑ To the C-3000

N ↑

Williamand Creek



Clearwater R.
SITE: CW-RB
OVERVIEW MAP
Holmbergs



Clear water site: CW-18

