

SITE NUMBER: C-R1-01
LOCAL NAME: Spring Wall Channel
WRIA: 20.0175H

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Calawah R. **DATE:** 2/6/90 **OBSERVER:** Nettnin

CHANNEL TYPE: Terrace trib (wall-based spring channel)

TRIBUTARY TO: Calawah R. (20.0175)

SITE LOCATION: R.B. @ River Mile: 2.8 (WDF)

LEGAL DESCRIPTION:

	UPPER END	LOWER END	RIVER TEMP
WATER TEMP:	43 F	46 F	41 F
FLOW (CFS):	3 - 4 (pooled)	6 - 7	

SUBSTRATE TYPE: Mostly silty, but a firm bottom indicates gravel or parent material close to the surface. There is some exposed gravel where the larger springs flow in.

SITE SIZE: **Length-** 1050 m
 Width- Surface = 6 - 12 ft (excluding beaver ponds)
 Channel = 12 - 20 ft (excluding beaver ponds)
 Depth- 12 - 30 inches (excluding beaver ponds)

WATER SOURCE: Springs

DIRECTIONS TO SITE: Head north from the town of Forks on Hwy 101. Turn left just north of m.p. 193 (1 mile north of Forks) onto the La Push Rd. Continue west about 1 mile then turn left onto a gravel road to the south. Park at the road barrier. Walk in on the road until coming to the upper edge of a high terrace which overlooks a large clearcut. C-R1-01 is at the toe of this terrace.

FISH ACCESS AND CURRENT USE: Fish appear to have unrestricted access to the lower 500 m of C-R1-01. A three foot high beaver dam at this point appears to be a passage problem (see subsequent evaluation). Coho and trout were observed near the mouth.

FLOODING POTENTIAL: Low

LANDOWNER: Unknown at this time.

COMMENTS & RECOMMENDATIONS: C-R1-01 originates along the base of a 10 ft terrace. A medium sized beaver pond occurs in the uppermost reach. A small trib running off the 10 ft terrace enters along the right bank of the ponded area. This trib, which is some 270 m long, collects water from several small springs along the base of a higher (100 ft) terrace. A steep gradient where the trib cuts through the lower terrace appears to be a barrier to up-migrating fry. The beaver pond is about 120 m long and 7-10 m wide with an avg. depth of about 12". The dam forming the pond appears passable.

(continued on next page)

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COMMENTS & RECOMMENDATIONS: (Continued)

The 450 m reach of C-R1-01 downstream of the upper beaver pond has numerous springs emanating from the high terrace wall along the right bank of the channel. Some of these springs have flows of nearly 1 cfs. This part of C-R1-01 is stream like in nature and meanders along the terrace through sedges and other ground cover. The lower end of this reach is marked by a larger beaver pond with a three foot dam that appears to be at least a partial barrier to up-migrating fish. Minnow trapping results showed 21 coho and 3 trout caught below the dam, while only 1 coho and 1 trout were caught above the dam (see subsequent evaluation).

In the lower 500 m of C-R1-01 (i.e. downstream of the 3 ft beaver dam) the channel is well defined. No restrictions to fish passage were seen along this reach. The channel becomes incised near the mouth. At present C-R1-01 empties into a small eddy in the Calawah. During high flows the lower end of the channel appears to become back watered and should be very attractive to juvenile coho.

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Calawah River

Channel No.: C-R1-01
Site Name: Spring Wall Channel
WRIA: 20.0175H

DATE: 2/21/90

OBSERVER: Nettnin

Set three minnow traps in channel C-R1-01 (see enclosed map). Each trap was baited with commercially prepared roe. Trap # 1 was set along the right bank and just downstream of the large beaver dam in the middle reach of channel. It was placed near sedge grass in 2 to 3 ft of water.

Trap # 2 was set at the upper end of the beaver pond created by the large dam. This trap was set under sedges and near the right bank in 2 to 3 ft of water.

The trap # 3 was set just inside the cutting line in the upper reach of the channel. This trap was set along the left bank, near some woody debris in about 18 inches of water.

DATE: 2/23/90

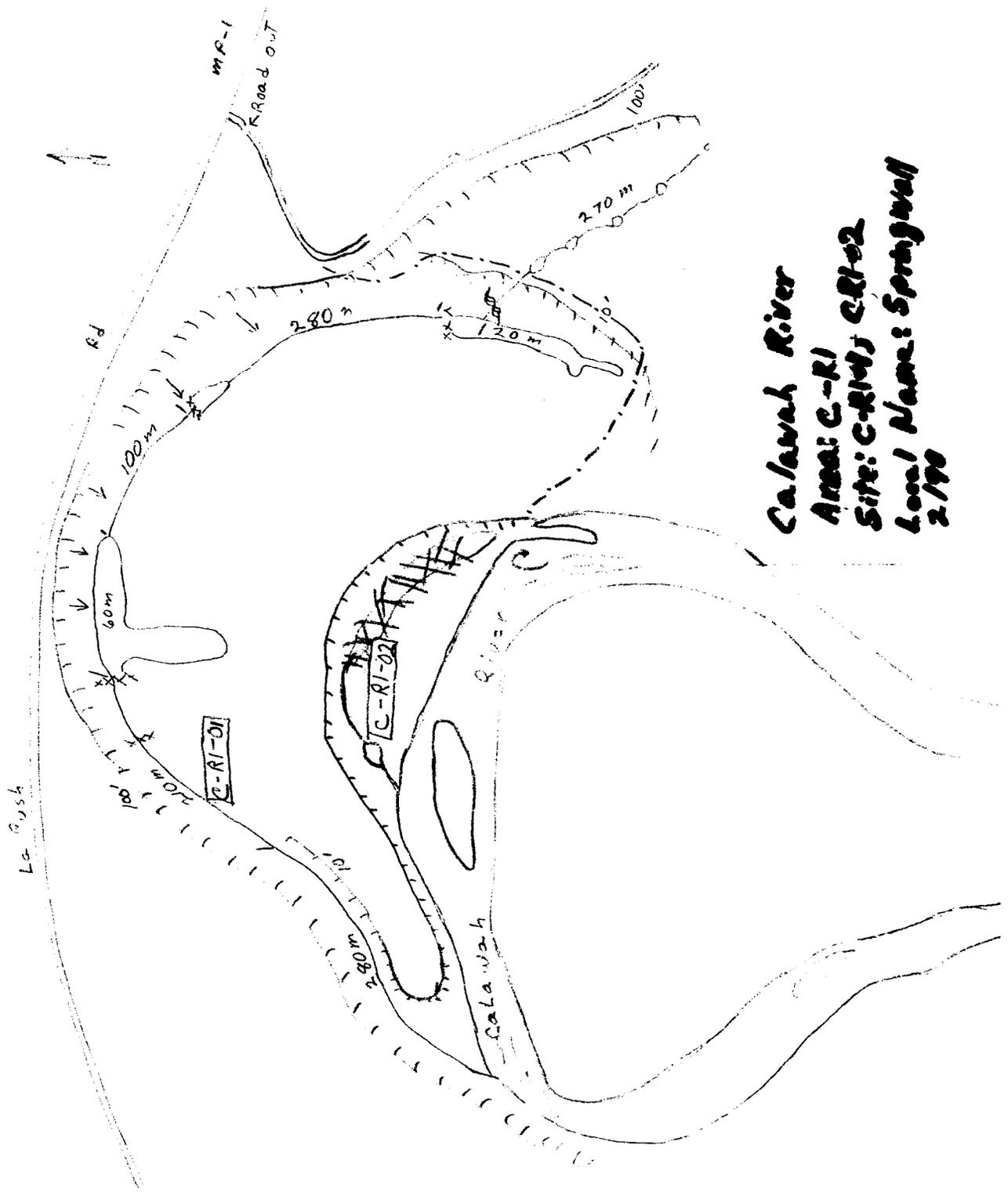
OBSERVER: Nettnin

Fished the minnow traps that were set on 2/21. Trap # 1 contained 21 coho (80-100 mm), 8 sculpin, 1 CT trout, 1 RB trout, 1 unknown salmonid. Trap #2 caught 1 coho (80-85 mm). Trap # 3 (the uppermost trap) contained 1 CT trout, 1 sculpin.

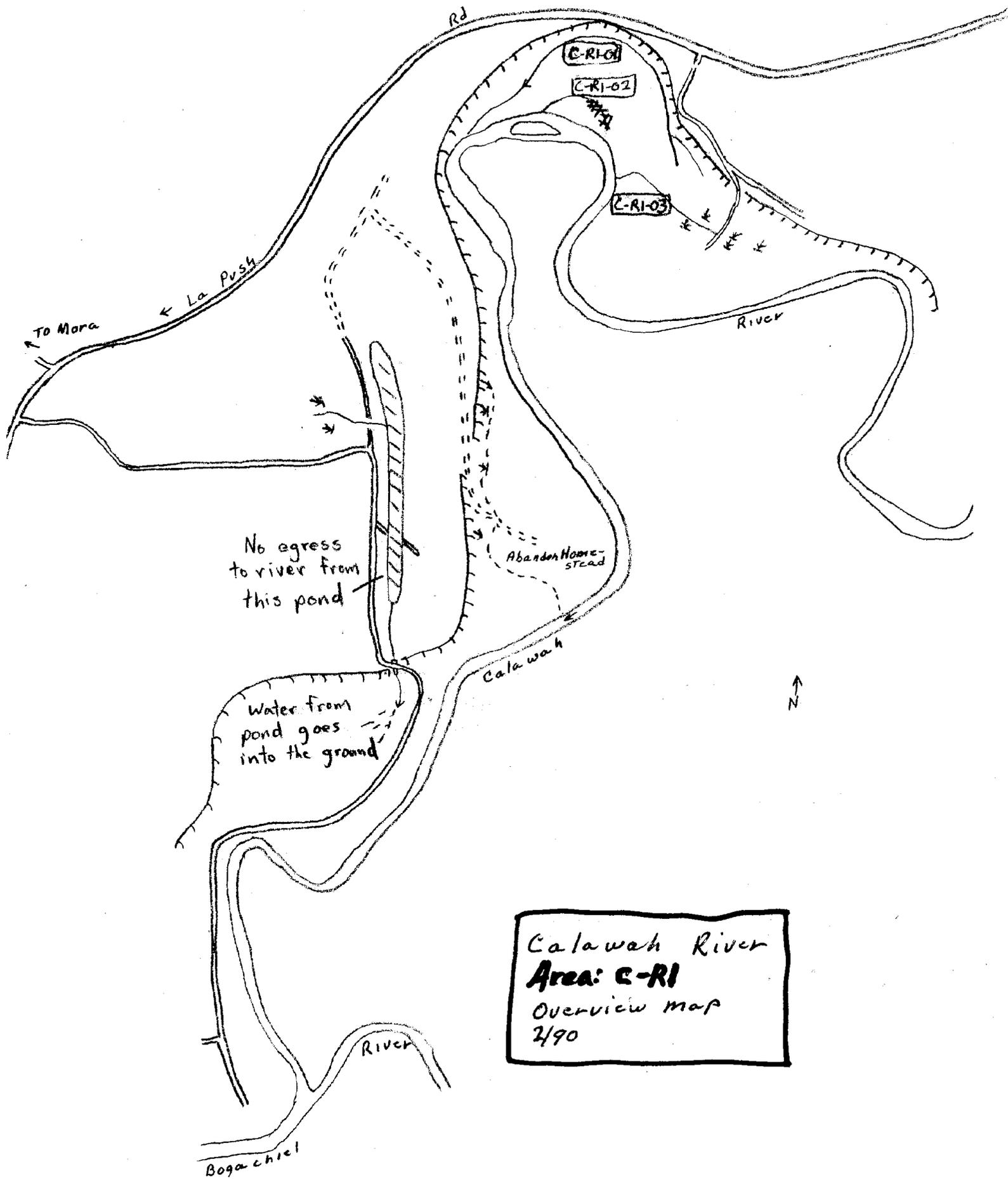
DATE: 4/17/90

OBSERVER: King

Excellent flow and entrance. Beaver dams pose a problem. Fewer numbers of 0+ fish. A few 1+ coho below dams. Machine access into this site would be very expensive.



Calawah River
Area: C-RI
Site: C-RI-01 C-RI-02
Local Name: Springwell
2/90



Calawah River
Area: C-R1
 Overview map
 2/90

**Calawah River
Area: C-RI
Area Map
1/90**

