

**SITE NUMBER:** B-R6-02  
**LOCAL NAME:** Fuhrman Creek  
**WRIA:** 20.0237E

**NORTH COAST OFF CHANNEL SITE INVENTORY DATA**

**RIVER SYSTEM:** Bogachiel    **DATE:** 4/13/89    **OBSERVER:** Nettnin

**CHANNEL TYPE:** Terrace tributary

**TRIBUTARY TO:** Bogachiel River - 20.0162

**SITE LOCATION:** R.B. @ River mile - 14.0 (WDF)

	<b>UPPER END</b>	<b>LOWER END</b>	<b>RIVER TEMP</b>
<b><u>WATER TEMP:</u></b>	50 F	48 F	46 F
<b><u>FLOW (CFS):</u></b>	0.25 - 0.5	3 - 4	

**SUBSTRATE:** Bedrock & cobble in the lower reach with a short stretch of gravel above the old bridge (115 m above the mouth). Mid and upper reaches are primarily mud and/or clay.

**SITE SIZE:**    **Length-** 1350 - 1450 m  
                  **Width-** Surface = 2 to 10 ft (excluding beaver pond)  
                                  Channel = 4 to 12 ft (excluding beaver pond)  
                  **Depth-** 6 to 18 inches (excluding beaver pond)

**WATER SOURCE:** Springs, surface runoff and road runoff.

**DIRECTIONS TO SITE:** Heading north on Hwy 101, turn left approx. 0.6 miles north of mile post 186 onto Fuhrman Rd (marked with a sign). Fuhrman Rd crosses B-R6-02 about 0.1 miles south of the Hwy. Take the first right off Fuhrman Rd. Follow this road until coming to a gate at the Whitehead residence. Continue down this road by foot another 0.25 miles or so to the mouth of Fuhrman Creek.

**FISH ACCESS AND CURRENT USE:** Fish appear to have unrestricted access to the lower 900 m. Fry (unknown species) were seen between Fuhrman Rd and Hwy 101. B-R6-02 has been smolt trapped by WDF in the past.

**FLOODING POTENTIAL:** Low.

**LANDOWNER:** Whiteheads and others (unknown).

**COMMENTS & RECOMMENDATIONS:** The lower reach of B-R6-02 (i.e. from the mouth to the old bridge) has a moderate gradient. The substrate is largely cobble and bedrock along this reach. The 650 m reach from the old bridge up to Fuhrman Rd. has lots of good rearing area (plenty of pools, good cover and shade). Salmonberry and vine maple are predominant along the banks. It appears this area was logged about 10 years ago. The lower 60 m of this reach has good pool and riffle areas with some exposed gravel that may be suitable for spawning.

Upstream of Fuhrman Road, B-R6-02 runs across an open field for a distance of 160 m until coming to a fence line. Between the fence line and the culvert at Hwy 101 the channel is mostly shaded. The reach from the fence to the highway was not surveyed because the landowner would not give permission. This section was estimated to be 100 to 150 m long.

A dry wall-based channel enters B-R6-02 along its left bank midway through the unsurveyed reach. This dry channel appears to accumulate a significant amount of water at times and may trap a lot of fish. A debris pile at the mouth may limit fish access.

Upstream of Hwy 101, a series of beaver dams and ponds create excellent coho rearing habitat. These dams appear to be passable to juvenile coho at moderate flows. Channel B-R6-04 may tie into B-R6-02 at

the beaver ponds during high flows.

In the uppermost reaches (i.e. upstream of the beaver ponds) B-R6-02 runs along a cutting boundry and parrallel to Hwy 101. Some debris problems were noted along this reach. The head of the channel is located just north of the Bogachiel State Park campground.

Recommend electroshocking and/or minnow trapping B-R6-02 upstream of Hwy 101 to determine the present extent of fish utilization and to see if culverts at Hwy 101 are passable. Beaded channel construction may be feasible and benefical in the mid and upper reaches. Check with WDF in Forks for past trapping data.

**DATE:** 5/10/89

These observations were made during an extended dry period. There has been no significant rainfall since early April. The headwaters of the channel were dry. The beaver pond area (i.e. upstream of Hwy 101) remained watered. Flow at the Highway 101 culvert was approx. 0.5 cfs. It seems likely that some of this water originates in channel R-6-4 and joins R-6-2 in the beaver pond area.

**DATE:** 11/7/89

**OBSERVER:** Nettnin

A minnow trap was set above Highway 101 in the reach with extensive beaver activity. The trap was set in approx. 2 ft of water and with very little cover nearby. It was baited with "Pautzke's" single eggs and "Siberian Killer" cluster eggs.

**DATE:** 11/8/89

**OBSERVER:** Nettnin

The minnow trap set yesterday was fished and pulled after approximately 24 hrs. During this time it rained very hard. The system remained clear even though the flows increased. The 24 inch culverts under the highway are velocity barriers at this flow. They also tend not to handle all of the flow causing streams to back up and flow together via the drainage ditch. Only eight sculpins were caught in this trap. No coho or trout were caught.

**DATE:** 12/1/89

**OBSERVER:** Nettnin

Following the freshet of 11-7 and 8, the flows dropped back to normal and the culverts once again appeared passable to juvenile fish. It was decided to reset a minnow trap in the same location as on 11-7. A second trap was also set below the highway at the edge of the highway right of way in a small pool near woody debris. Both were baited with some home cured skeins (D. King Specials) and "Pautzke's" single eggs.

**DATE:** 12/6/89

**OBSERVER:** Nettnin

Another major freshet occurred before the traps set on 12-1 could be pulled. There was concern about fish mortality in the traps, but that did not occur. The trap set below the highway on 12-1 contained : 5 coho (70 - 100 mm), 1 CT trout, 3 RB trout, and 6 cottids. The trap above the highway contained: 1 coho (about 130 mm) and 1 CT trout (about 130 mm). The beaver dam and/or the culvert between the two trapping sites may well be causing an impasse.

**DATE:** 4/16/90

**OBSERVER:** King

No significant rainfall for three weeks. Creek still has good flow. Small RB tributary about 50m upstream from old bridge is still flowing a small amount of water. This trib. was not noted on the original survey. Streambed consists of heavy layer of silt and meanders in a gentle gradient from just above hiway 101 down through standing timber to a point where the gradient steepens just before it flows into Fuhrman Cr. Doesn't appear to have much fish rearing value and no fish were seen. Fuhrman creek had numerous 0+ coho and a few 1+ coho throughout channel downstream of hiway 101. Landowners upstream of Fuhrman road has removed trees from bankline and are allowing cattle to use the creek. Some trash is also in the creek.

DATE: 2/5/97

OBSERVER: Darrow

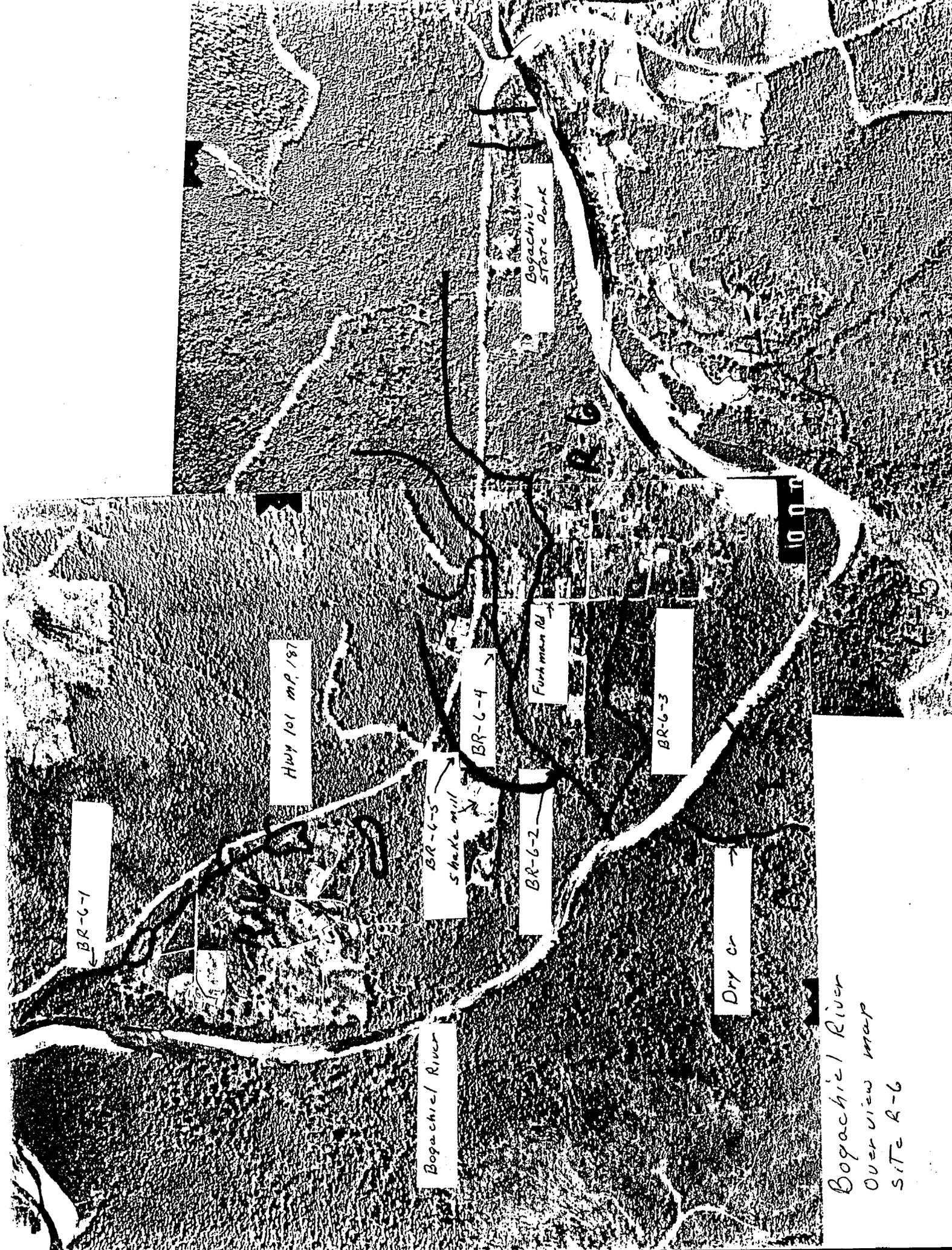
**MINNOW TRAPPING REPORT**

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	COHO	CATCH			COTTID
						TROUT			
						RBT	CUTT	0+	
1	2/4	4.5°C	2/5	3.8°C	1	0	0	0	0
2	2/4	4.5°C	2/5	3.8°C	2	0	0	0	0
3	2/4	4.5°C	2/5	3.8°C	1	0	2	0	4
4	2/4	4.5°C	2/5	3.8°C	5	0	1	0	4
5	2/4	4.5°C	2/5	3.8°C	0	0	3	0	1
<b>TOTALS:</b>					9	0	6	0	9

**COMMENTS:**

- Trap 1 was placed about 12 m upstream from plank foot bridge (with water pipe to residence).
- Trap 2 was placed about 30 m downstream from plank foot bridge.
- Trap 3 was placed upstream from trap #2 in right bank branch.
- Trap 4 was placed in pooled area about 50 m upstream from HWY 101 culvert.
- Trap 5 was placed about 18-20 m downstream of new HWY 101 culvert.





BR-6-1

Hwy 101 mp. 187

Bogachiel River

BR-6-5  
shake mill

BR-6-4

BR-6-2

Furman Rd

BR-6-3

Dry cr

Bogachiel State Park

1000

Bogachiel River  
Over view map  
SITE R-6

