

**SITE NUMBER:** WD-L4-01  
**LOCAL NAME:** Saddlehorn Creek  
**WRIA:**

**NORTH COAST OFF CHANNEL SITE INVENTORY DATA**

**RIVER SYSTEM:** W.F. DICKEY      **DATE:** 12/93 & 1/94      **OBSERVER:** Manning/Nettnin

**CHANNEL TYPE:** Lower Valley Wall Tributary

**TRIBUTARY TO:** W.F. Dickey

**SITE LOCATION:** LB @ RM: 18.5 (WDF)

**LEGAL DESCRIPTION:** NW¼, SE¼, Sec 28, T30N, R14W

	<b>UPPER END</b>	<b>LOWER END</b>	<b>RIVER TEMP</b>
<b>WATER TEMP:</b>	8.5° C	8.0° C	8.0° C

<b>FLOW (CFS):</b>	2-4	5-7	
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**SUBSTRATE TYPE:** Silt, clay, sand, gravel, cobble and boulders

**SITE SIZE:**      **Length-** 1625m +  
                    **Width-** Water surface = 1 - 4m (excluding pools)      Channel = 2 - 5m  
                    **Depth-** avg = 25cm - 60cm (excluding ponds)      max = 1 - 1.5m

**WATER SOURCE:** Springs, tributaries and surface runoff

**DIRECTIONS TO SITE:** Head north from Forks on HWY 101 about 3.1 mi. Turn left (west) about 0.1 mi. beyond MP 195 onto D-2000. Proceed west on D-2000 for 6.3 mi to D-2600. Turn left on D-2600 and proceed 2.1 mi. Turn right on D-5200 and proceed for 2.0 mi. to the D-5240. Turn left onto the D-5240. Approximately 0.5 miles road splits. Take right road and continue 1.7 miles to an unmarked double junction. Turn hard left and travel to first culvert (large culvert approx. .2 mile); This is WD-L4-01.

**FISH ACCESS AND CURRENT USE:** Redds were observed in lower 60m of channel. Two coho and two cottids were found in minnow traps below beaver dams. Large beaver dam at 195m is 1.3m high, therefore, impassable. Cutthroat, cottids and crayfish were observed in the channel above the large beaver dams.

**FLOODING POTENTIAL:** Low, however, high flows may scour channel.

**LANDOWNER:** Unknown at this time, probably Rayonier, Inc. and DNR

**COMMENTS & RECOMMENDATIONS:**

Comments:

- Numerous beaver dams throughout this channel prevent coho penetration
- Good spawning gravel in lower and upper reaches, but, heavy silt covers spawning gravel in the middle reach
- Two redds were seen at 60m in December
- Good in channel and canopy cover throughout channel
- Large pool areas for off channel rearing

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**COMMENTS & RECOMMENDATIONS:** (Continued)

- Lower and upper reaches have a moderate gradient while the middle reach has a gently moderate gradient Tannic colored water
- A Carex, Scirpus, Typha, and Juncus wetland exists at 435m
- At 1200m water spills over road from plugged culvert; culvert needs replacing
- At 1555m channel becomes somewhat incised
- Channel splits and continues above 1625m

**Recommendations:**

- Fishways would allow access through beaver dams into extensive rearing habitat
- Maintain integrity of stream
- Both road crossings lend themselves to baffled culverts to maintain ponds
- The lower culvert has been replaced, but baffles could be installed; check for size
- The upper culvert needs replacing and could be done at the same time or as a co-op project

**DATE:** 12/28 - 29/94

**OBSERVER:** Darrow/Manning

Nine minnow traps were placed in WD-L4-01. Some traps were baited with salmon eggs; some were baited with shrimp flavored cat food. Trap results follow.

**MINNOW TRAPPING REPORT**

TRAP	DATE SET	DATE TEMP	DATE PULLED	TEMP	COHO	CATCH			COTTID
						TROUT RBT	TROUT CUTT	TROUT 0+	
1	1/28		1/29		0	0	0	0	9
2	1/28		1/29		0	0	1	0	12
3	1/28		1/29		0	0	0	0	12
4	1/28		1/29		0	0	1	0	11
5	1/28		1/29		0	0	0	0	0
6	1/28		1/29		1	0	0	0	1
7	1/28		1/29		1	0	0	0	1
10*	1/28		1/29		0	0	0	0	5
11*	1/28		1/29		0	0	0	0	5

**TOTALS:** 2 0 1 0 56

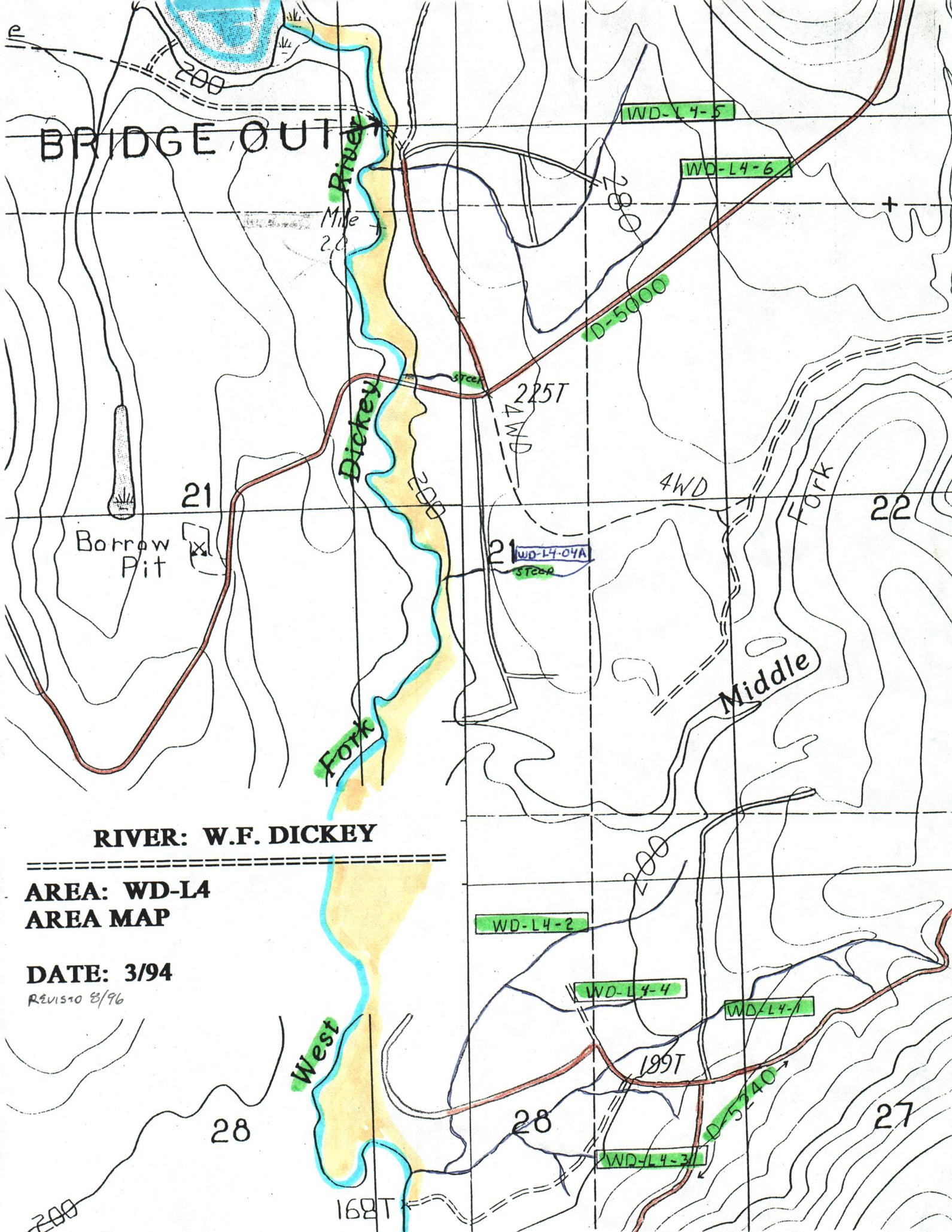
\* Note -- non-sequential numbers are due to sequentially numbered traps being placed in WD-L4-01 and WD-L4-02 simultaneously (see map).





ACCUMULATIVE MILEAGE  
RIVER: W.F. DICKEY  
AREA: WD-L-4  
SITES: WD-L-4-1 AND  
WD-L-4-2 AND  
WD-L-4-4  
DATE: DEC. 93 - JAN 94





**RIVER: W.F. DICKEY**

**AREA: WD-L4  
AREA MAP**

**DATE: 3/94**  
REVISION 8/96