



OREGON DEPARTMENT OF FISH AND WILDLIFE

WEATHERLEY CREEK POST-TX (U-150)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/18/03

REACH		T22S-R09W-S02NW						REACH					
HABITAT DETAIL													
Habitat Type	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m <sup>2</sup> )	Large Boulders (#>0.5m)	Substrate Percent Wetted Area						
							S/O	Snd	Grvl	Cbl	Bldr	Bdrk	
CASCADE/BEDROCK	2	21	3.9	0.17	66	0	0	0	0	0	0	100	
CASCADE/BOULDERS	1	7	0.6	0.30	4	0	11	26	26	26	11	0	
POOL-LATERAL SCOUR	12	168	7.5	0.99	1,349	0	12	25	12	10	10	31	
POOL-PLUNGE	1	9	9.0	0.70	83	0	5	14	9	0	5	68	
RAPID/BEDROCK	1	25	8.2	0.30	205	0	0	5	5	5	5	81	
RAPID/BOULDERS	6	100	8.1	0.35	809	0	5	12	9	14	24	36	
RIFFLE	5	100	7.2	0.38	742	0	2	10	8	7	11	63	
RIFFLE W/ POCKETS	11	193	7.7	0.40	1,587	0	6	19	12	11	12	39	
<b>Total:</b>	<b>39</b>	<b>623</b>	<b>7.3</b>	<b>0.56</b>	<b>4,844</b>	<b>0</b>	<b>Avg 7</b>	<b>17</b>	<b>11</b>	<b>10</b>	<b>12</b>	<b>43</b>	

HABITAT SUMMARY								
Habitat Group	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Wetted Area		Large Boulders	
					(m <sup>2</sup> )	Percent	Number	(# / 100m <sup>2</sup> )
Dammed & BW Pools	0	0			0	0.00%	0	0.0
Scour Pools	13	177	7.6	0.96	1,431	29.55%	0	0.0
Glides	0	0			0	0.00%	0	0.0
Riffles	16	294	7.5	0.39	2,329	48.08%	0	0.0
Rapids	7	125	8.1	0.34	1,014	20.93%	0	0.0
Cascades	3	28	2.8	0.21	70	1.44%	0	0.0
Step/Falls	0	0			0	0.00%	0	0.0
Dry	0	0			0	0.00%	0	0.0
Culverts	0	0			0	0.00%	0	0.0

POOL SUMMARY		
	<u>Total</u>	<u># / Km</u>
All Pools:	13	22.7
Pools >=1m deep:	7	12.2
Complex pools (LWD pieces>=3):	6	10.5
Pool frequency (channel widths/pool):	3.6	
Residual pool depth (avg):	0.57	

**STREAM SUMMARY**

**WEATHERLEY CREEK POST-TX (U-150)**

Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m <sup>2</sup> )	Substrate Percent Wetted Area						Large Boulders (#>0.5m)
					S/O	Snd	Grvl	Cbl	Bldr	Bdrk	
39	623	7.3	0.56	4,844	7	17	11	10	12	43	

Habitat Group	Wetted Area	
	(m <sup>2</sup> )	Percent
Dammed & BW Pools	0	0.00%
Scour Pools	1,431	29.55%
Glides	0	0.00%
Riffles	2,329	48.08%
Rapids	1,014	20.93%
Cascades	70	1.44%
Step/Falls	0	0.00%
Dry	0	0.00%
Culverts	0	0.00%

# Comment Summary

## Restoration Monitoring Sites 2003

**MONITORING AREA: 4-UMP SITE ID: 150 WEATHERLEY CREEK POST-TX (U-150)**

<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
1	RB	00	18.5		BRIDGE	
2	RI	00	43.5	/SS		
4	LP	00	71.2		SNORKEL POOL 1-FLAG	
5	RB	00	90.4	SS/		
6	RI	00	106.4	SS/		
7	RP	00	117.4	HS		
8	LP	00	128.6	/SS		
9	RI	00	153.6	SS/		
10	LP	00	167.3	HS	SNORKEL POOL 2-FLAG	
11	RP	00	186.5	HS		
12	RP	00	201.5		SNORKEL POOL 3-2002	
13	RP	00	226.5	SS/	SNORKEL POOL 4-FARSI	
14	LP	01	239.8		OLD CABLE/ BANK	
17	LP	01	269.6	DJ		
18	RB	01	282.5	LI/		
19	RP	02	282.5	SS/		
20	LP	00	308		SNORKEL POOL 5	
22	LP	00	336.5		SNORKEL POOL 6	
23	RP	00	361.5		SNORKEL POOL 7	
24	RR	01	386.5		SITE #3, 20' BLDRS W/BL	
26	CR	01	401.7	SS/		

# Comment Summary

## Restoration Monitoring Sites 2003

MONITORING AREA: 4-UJP SITE ID: 150 WEATHERLEY CREEK POST-TX (U-150)

<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
28	LP	01	442.7	HS, /DJ		SNORKEL POOL 8
30	LP	02	442.7	/SS		
35	RI	00	505.1	/SS		SNORKEL POOL 9, OLD C
36	LP	00	513.5	/SS		
37	RB	00	538.5	/SS		
38	RP	00	561.5	/SS		SNORKEL POOL 10
39	RP	00	573.8	HS		PHOTO PT 3



