

ODFW AQUATIC INVENTORY PROJECT
OREGON PLAN FOR SALMON & WATERSHEDS
STREAM RESTORATION HABITAT REPORT

STREAM: Myrtle Creek (MS144)
BASIN: Coquille River
SURVEY TYPE: Pre-Tx
DATE: February 14, 2002
SURVEY CREW: Sara Meguffy, Sarah Schuster
REPORT PREPARED BY: Paul Jacobsen
BASIN AREA: 179 km²
USGS MAPS: Powers
ECOREGION: Coast Range Sedimentary

GENERAL DESCRIPTION:

The Myrtle Creek habitat survey extended 533 meters. The channel was constrained by hillslopes in a moderate V-shaped valley floor. The average valley width index was 1.2 (range: 1.1 – 1.3). Land use for the reach was second growth (15-30 cm dbh) trees. The average unit gradient was 1.1 percent. Riffles (82%) dominated stream habitat. Gravel (30%) and sand (23%) dominated stream substrate. Wood volume was low at 0.3 m³/100m.

COMMENTS:

There were no potential barriers to upstream fish migration in the surveyed length.

The crew noted evidence of beaver activity during the survey.

OREGON DEPARTMENT OF FISH AND WILDLIFE

MYRTLE CREEK PRE-TX (MS-144)

HABITAT INVENTORY

Report Date: 11/15/2013

Survey Date:

2/14/2002

REACH	T30S-R11W-S9NW							REACH				
HABITAT DETAIL												
Habitat Type	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m ²)	Large Boulders (#>0.5m)	Substrate Percent Wetted Area					
							S/O	Snd	Grvl	Cbl	Bldr	Bdrk
POOL-LATERAL SCOUR	1	50	24.0	2.30	1,200	0	10	30	20	20	10	10
RAPID/BOULDERS	1	25	17.0	0.70	425	0	5	15	20	20	30	10
RIFFLE	19	458	16.4	0.85	7,501	0	8	23	31	18	16	4
Total:	21	533	16.8	0.91	9,126	0	Avg: 8	23	30	19	16	5

HABITAT SUMMARY									
Habitat Group	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Wetted Area		Large Boulders		
					(m ²)	Percent	Number	(# / 100m ²)	
Dammed & BW Pools	0	0			0	0.00%	0	0.0	
Scour Pools	1	50	24.0	2.30	1,200	13.15%	0	0.0	
Glides	0	0			0	0.00%	0	0.0	
Riffles	19	458	16.4	0.85	7,501	82.19%	0	0.0	
Rapids	1	25	17.0	0.70	425	4.66%	0	0.0	
Cascades	0	0			0	0.00%	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>	Total of all Channel Lengths	Primary Channel Length
		<u># / Km</u>	<u># / Km</u>
All Pools:	1	1.9	1.9
Pools >=1m deep:	1	1.9	1.9
Complex pools (LWD pieces>=3):	0	0.0	0.0
Pool frequency (channel widths/pool):	28.5		
Residual pool depth (avg):	1.80		

Comment Summary

Oregon Plan Monitoring Sites 2002

MONITORING AREA: 3-MS SITE ID: 144 MYRTLE CREEK PRE-TX (MS-144)

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTES
1	RI	00	25	WL	DEER, COYOTE
5	RI	00	125		MAIDENHAIR FERNS
6	RI	00	150		SG = 20 SQ M
10	RI	00	250		SG = 10 SQ M
11	RI	00	275		PRETTY DENSE FOREST
14	RB	00	350		SG = 8 SQ M
16	RI	00	400	BV	
17	RI	00	425		SG = 10 SQ M
20	LP	00	510		SG = 22 SQ M
21	RI	00	533	/TJ	