

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

STREAM: Rasler Creek (MS-55)
BASIN: Coquille River
SURVEY TYPE: Pre-Tx
DATE: February 28, 2000
SURVEY CREW: Brent Crowe, Clark Watly
REPORT PREPARED BY: Paul Jacobsen
BASIN AREA: 4.4 km²
USGS MAPS: Rasler Creek
ECOREGION: Coast Range Sedimentary

GENERAL DESCRIPTION:

The Rasler Creek habitat survey extended 357 meters. The channel was constrained by hillslopes in a moderate V-shaped valley. The average valley width index was 2.3 (range: 2.0 – 3.0). Land use for the reach was large (30-50 cm dbh) trees and light grazing. The average unit gradient was 3.8 percent. Cascades (57%) and scour pools (26%) dominated stream habitat. Boulder (35%), cobble (30%) and gravel (23%) dominated stream substrate. Wood volume was low at 6.6 m³/100m.

COMMENTS:

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

OREGON DEPARTMENT OF FISH AND WILDLIFE

RASLER CREEK PRE-TX (MS-55)

HABITAT INVENTORY

Report Date: 11/12/03

Survey Date:

2/28/00

REACH 1

T30S-R11W-23NE

REACH 1

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	Blck	Bdrk
CASCADE/BOULDERS	13	224	3.5	0.31	802	0	0	3	13	29	52	2
POOL-DAMMED	1	3	5.8	0.58	16	0	0	5	60	20	15	0
POOL-LATERAL SCOUR	7	56	3.9	0.81	213	0	1	13	35	36	15	1
POOL-PLUNGE	3	21	5.0	0.93	106	0	0	12	43	28	17	0
POOL-STRAIGHT SCOUR	2	18	2.8	0.60	48	0	0	8	13	35	45	0
RAPID/BOULDERS	4	58	4.1	0.30	218	0	0	3	26	40	31	0
STEP/LOG	1	1	2.0	0.30	1	0	0	0	0	0	50	50
STEP/STRUCTURE	1	0	2.1	0.20	1	0	0	0	0	0	0	100
Total:	32	382	3.7	0.50	1,406	0	Avg 0	6	23	30	35	6

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	1	3	5.8	0.58	16	1.15%	0	0.0
Scour Pools	12	95	4.0	0.80	368	26.16%	0	0.0
Glides	0	0			0	0.00%	0	0.0
Riffles	0	0			0	0.00%	0	0.0
Rapids	4	58	4.1	0.30	218	15.52%	0	0.0
Cascades	13	224	3.5	0.31	802	57.05%	0	0.0
Step/Falls	2	1	2.1	0.25	2	0.12%	0	0.0
Dry	0	0			0	0.00%	0	0.0
Culverts	0	0			0	0.00%	0	0.0

POOL SUMMARY

	Total	# / Km
All Pools:	13	36.5
Pools >=1m deep:	3	8.4
Complex pools (LWD pieces>=3):	2	5.6
Pool frequency (channel widths/pool):	5.1	
Residual pool depth (avg):	0.45	

STREAM SUMMARY

RASLER CREEK PRE-TX (MS-55)

Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m ²)	Substrate Percent Wetted Area						Large Boulders (#>0.5m)
					S/O	Snd	Grvl	Cbl	Bldr	Bdrk	
32	382	3.7	0.50	1,406	0	6	23	30	35	6	

Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	16	1.15%
Scour Pools	368	26.16%
Glides	0	0.00%
Riffles	0	0.00%
Rapids	218	15.52%
Cascades	802	57.05%
Step/Falls	2	0.12%
Dry	0	0.00%
Culverts	0	0.00%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 3-MS SITE ID: 55 RASLER CREEK PRE-TX (MS-55)

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
1	CB	00	2.5			VWI=2
2	CB	00	27.5	/SS		
9	LP	00	113.8			VWI= 2
12	SL	00	125.6			H= 0.8
16	LP	01	160.2	TJA CE\		
22	CB	00	234.8			VWI= 3
27	CB	01	316.7	\TJ		
28	CB	11	316.7	\TJ		
30	CB	00	348.9			VWI= 2.1
32	SS	00	356.5			H=0.25,METAL CULVERT,

