

OREGON DEPARTMENT OF FISH AND WILDLIFE

SUGAR CREEK POST-TX (S-189)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

3/4/03

REACH	T32S-R13W-S02SE							REACH					
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-BACKWATER	1	1	2.1	0.25	2	0	60	40	0	0	0	0	
POOL-LATERAL SCOUR	7	83	3.4	0.74	282	0	15	24	23	16	1	20	
POOL-PLUNGE	2	32	3.4	0.80	106	0	12	21	21	17	0	29	
POOL-TRENCH	1	16	2.4	0.50	38	0	5	10	14	5	0	67	
RAPID/BEDROCK	3	71	3.3	0.20	233	0	5	7	15	11	3	60	
RAPID/BOULDERS	1	29	2.3	0.17	66	0	4	4	25	33	4	29	
RIFFLE	13	280	3.2	0.17	932	0	7	13	29	29	5	18	
STEP/LOG	3	2	4.2	0.07	7	0	18	26	35	5	0	16	
Total:	31	513	3.3	0.35	1,667	0	Avg 11	17	25	20	3	24	

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	1	2.1	0.25	2	0.14%	0	0.0
Scour Pools	10	131	3.3	0.73	426	25.58%	0	0.0
Glides	0	0			0	0.00%	0	0.0
Riffles	13	280	3.2	0.17	932	55.92%	0	0.0
Rapids	4	100	3.1	0.19	299	17.93%	0	0.0
Cascades	0	0			0	0.00%	0	0.0
Step/Falls	3	2	4.2	0.07	7	0.43%	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:	11	21.5
Pools >=1m deep:	1	2.0
Complex pools (LWD pieces>=3):	4	7.8
Pool frequency (channel widths/pool):	6.9	
Residual pool depth (avg):	0.61	

STREAM SUMMARY

SUGAR CREEK POST-TX (S-189)

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	
31	513	3.3	0.35	1,667	11	17	25	20	3	24	

Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	2	0.14%
Scour Pools	426	25.58%
Glides	0	0.00%
Riffles	932	55.92%
Rapids	299	17.93%
Cascades	0	0.00%
Step/Falls	7	0.43%
Dry	0	0.00%
Culverts	0	0.00%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 5-SC SITE ID: 189 SUGAR CREEK POST-TX (S-189)

<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	RR	00	25	SS/		START ABOVE CC-OPEN
2	RI	00	39.6			H=2.5M, CEMENT CS
3	RR	00	64.6	HS, DJ		T=8.5C, LOGS-7
6	LP	00	121.3			3M PTC
7	RI	00	146.3			.4M POCKET
9	RI	00	185.1	/SS		
11	RB	00	229.7	DJ		
13	RI	00	257.3			.4M POCKET
14	RR	00	278.3	HS, DJ		10-LOGS-TRANSVERSE
15	LP	00	285.3	HS		4-LOGS, /RD CLOSE, FISH
16	RI	00	305.3			.4M POCKET
17	PP	00	324.1	HS		2-LOGS, OLD REDD?
18	SL	00	324.6			H=0.4M
20	PP	00	364.7	HS		LOG, 2 POOLS
21	SL	00	365.6			H=0.8M
22	RI	00	385.1	HS		3-LOGS
23	LP	00	395.5	HS		4-LOGS
24	RI	00	414.5	HS		2-LOGS
26	RI	00	454.9	HS		7-LOGS
27	BW	10	454.9	WL		MATING NEWTS
28	LP	00	473.1	DJ, HS		MAX DEPTH EST., 3-LOG

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 5-SC SITE ID: 189 SUGAR CREEK POST-TX (S-189)

<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
29	RI	00	484.1	/SS		
30	SL	00	484.4	DJ	H=0.95M	
31	RI	00	511.9		T=8.2C, EOS SIGN /ALDE	

