



OREGON DEPARTMENT OF FISH AND WILDLIFE

BRUSH CREEK SITE B PRE-TX (S-191)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/26/03

REACH		T33S-R15W-S25SE					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/BOULDERS	1	10	2.2	0.20	22	0	0	5	95	0	0	0
CULVERT CROSSING	1	15	1.8	0.05	27	0	0	5	20	45	30	0
POOL-BACKWATER	2	14	1.2	0.45	15	0	45	50	5	0	0	0
POOL-LATERAL SCOUR	14	297	7.7	0.97	2,299	0	6	22	64	3	3	2
RIFFLE	7	168	7.7	0.26	1,325	0	5	10	84	0	1	0
RIFFLE W/ POCKETS	1	21	6.0	0.50	123	0	5	25	65	5	0	0
<b>Total:</b>	<b>26</b>	<b>524</b>	<b>6.7</b>	<b>0.66</b>	<b>3,810</b>	<b>0</b>	<b>Avg 8</b>	<b>20</b>	<b>64</b>	<b>3</b>	<b>3</b>	<b>1</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	2	14	1.2	0.45	15	0.40%	0	0.0	
Scour Pools	14	297	7.7	0.97	2,299	60.32%	0	0.0	
Glides	0	0			0	0.00%	0	0.0	
Riffles	8	189	7.5	0.29	1,448	38.00%	0	0.0	
Rapids	0	0			0	0.00%	0	0.0	
Cascades	1	10	2.2	0.20	22	0.58%	0	0.0	
Step/Falls	0	0			0	0.00%	0	0.0	
Dry	0	0			0	0.00%	0	0.0	
Culverts	1	15	1.8	0.05	27	0.71%	0	0.0	

POOL SUMMARY		
	<u>Total</u>	<u># / Km</u>
All Pools:	16	32.9
Pools >=1m deep:	5	10.3
Complex pools (LWD pieces>=3):	9	18.5
Pool frequency (channel widths/pool):	3.2	
Residual pool depth (avg):	0.67	

**STREAM SUMMARY**

**BRUSH CREEK SITE B PRE-TX (S-191)**

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	
26	524	6.7	0.66	3,810	8	20	64	3	3	1	

Habitat Group	Wetted Area	
	(m <sup>2</sup> )	Percent
Dammed & BW Pools	15	0.40%
Scour Pools	2,299	60.32%
Glides	0	0.00%
Riffles	1,448	38.00%
Rapids	0	0.00%
Cascades	22	0.58%
Step/Falls	0	0.00%
Dry	0	0.00%
Culverts	27	0.71%

# Comment Summary

## Restoration Monitoring Sites 2003

**MONITORING AREA: 5-SC    SITE ID: 191    BRUSH CREEK SITE B PRE-TX (S-191)**

<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	LP	01	24.4	TJ/	T=9C/1500, SIGN ALDER	
2	CB	11	24.4		TRIB UNIT	
3	LP	00	36.4		CLEAR WATER	
6	LP	00	88.5	BC	HWY 101	
8	RP	00	127.5		.7M POCKETS	
9	LP	00	144.5		GPS=0383572/4726487	
10	RI	00	171.5	BC	FOOTBRIDGE	
11	RI	00	186.5		GRASS, ALDERS MYRTLE	
15	RI	01	277.2		GPS=0383611/4726405	
17	LP	00	315.2	WL	FISH	
18	RI	00	340.2	BC	FOOTBRIDGE-WOOD	
20	RI	01	365.2		BW/	
21	RI	00	390.2		GPS=0383722/4726339	
23	LP	00	442.8		LONG PTC	
24	LP	00	464.8	TJ/		
25	CC	11	464.8	CE	1.8*1.8 ROUND CULVERT	
26	LP	01	485.8	TJ/,CE/,CS	EOS SIGN ALDER RT, T=9	





Name: PORT ORFORD  
 Date: 6/11/2003  
 Scale: 1 inch equals 1666 feet

Location: 10 383745 E 4726307 N  
 Caption: BRUSH CREEK SITE B RESTORATION SITE - OCEAN BASIN