

REACH

T01N-R03E-S25SE

REACH

Valley and Channel Summary

Valley Characteristics (Percent Reach Length)

<u>Narrow Valley Floor</u>		<u>Broad Valley Floor</u>	
Steep V-shape	0%	Constraining Terraces	0%
Moderate V-shape	0%	Multiple Terraces	100%
Open V-shape	0%	Wide Floodplain	0%
Valley Width Index 16.9		VWI Range: 7.5 - 20	

Channel Morphology (Percent Reach Length)

<u>Constrained</u>		<u>Unconstrained</u>	
Hillslope	0%	Single Channel	0%
Bedrock	0%	Multiple Channel	0%
Terrace	100%	Braided Channel	0%
Alt. Terrace/Hill	0%		
Landuse	0%		

Channel Characteristics

<u>Type</u>	<u>Length (m)</u>	<u>Area (m2)</u>	<u>Dry Units</u>
Primary	427	4,055	0
Secondary	13	52	0

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	9.2	Width	13.5	31.1	38.6
Depth	0.99	Height	1.3	2.6	4.8
		W:D ratio	11.0	Entrenchment	2.5
Stream Flow Type:	MF	Water temp (C): 8.0 - 8.0		Habitat Units/100m: 3.7	
Avg. Unit Gradient:	0.8%				

Riparian, Bank, and Wood Summary

	<u>Primary</u>	<u>Secondary</u>
Land Use:	UR	RR
Riparian Vegetation:	G	D15

Bank Condition and Shade

<u>Bank Status</u>	<u>Percent Reach Length</u>	<u>Shade (% of 180)</u>
Actively Eroding:		Reach avg:
Undercut Banks:		Range: -

Large Wood Debris

	<u>Total</u>	<u>Total / 100m</u>
All pieces (>=3m x 0.15m):	22	5.2
Volume (m ³):	26	6.0
Key pieces (>=10m x 0.60m):	2	0.5

OREGON DEPARTMENT OF FISH AND WILDLIFE

BEAVER CREEK UPPER PRE-TX (L-205)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/20/03

REACH		T01N-R03E-S25SE					REACH					
HABITAT DETAIL												
Habitat Type	Number	Total	Avg	Avg	Total	Large	Substrate					
	Units	Length	Width	Depth	Area	Boulders	Percent Wetted Area					
		(m)	(m)	(m)	(m ²)	(#>0.5m)	S/O	Snd	Grvl	Cbl	Bldr	Bdrk
CASCADE/BOULDERS	1	15	5.0	0.60	76	0	10	10	10	0	70	0
POOL-BACKWATER	1	13	4.0	0.90	52	0	30	60	10	0	0	0
POOL-LATERAL SCOUR	6	223	11.3	1.55	2,339	0	21	25	42	5	7	0
RIFFLE	8	189	8.8	0.64	1,640	0	19	24	47	4	5	0
Total:	16	440	9.2	0.99	4,107	0	Avg 20	26	41	4	9	0

HABITAT SUMMARY									
Habitat Group	Number	Total	Avg	Avg	Wetted Area		Large Boulders		
	Units	Length	Width	Depth	(m ²)	Percent	Number	(# / 100m ²)	
		(m)	(m)	(m)					
Dammed & BW Pools	1	13	4.0	0.90	52	1.27%	0	0.0	
Scour Pools	6	223	11.3	1.55	2,339	56.96%	0	0.0	
Glides	0	0			0	0.00%	0	0.0	
Riffles	8	189	8.8	0.64	1,640	39.93%	0	0.0	
Rapids	0	0			0	0.00%	0	0.0	
Cascades	1	15	5.0	0.60	76	1.85%	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:	7	16.4
Pools >=1m deep:	6	14.1
Complex pools (LWD pieces>=3):	1	2.3
Pool frequency (channel widths/pool):	4.7	
Residual pool depth (avg):	0.98	

STREAM SUMMARY

BEAVER CREEK UPPER PRE-TX (L-205)

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	
16	440	9.2	0.99	4,107	20	26	41	4	9	0	

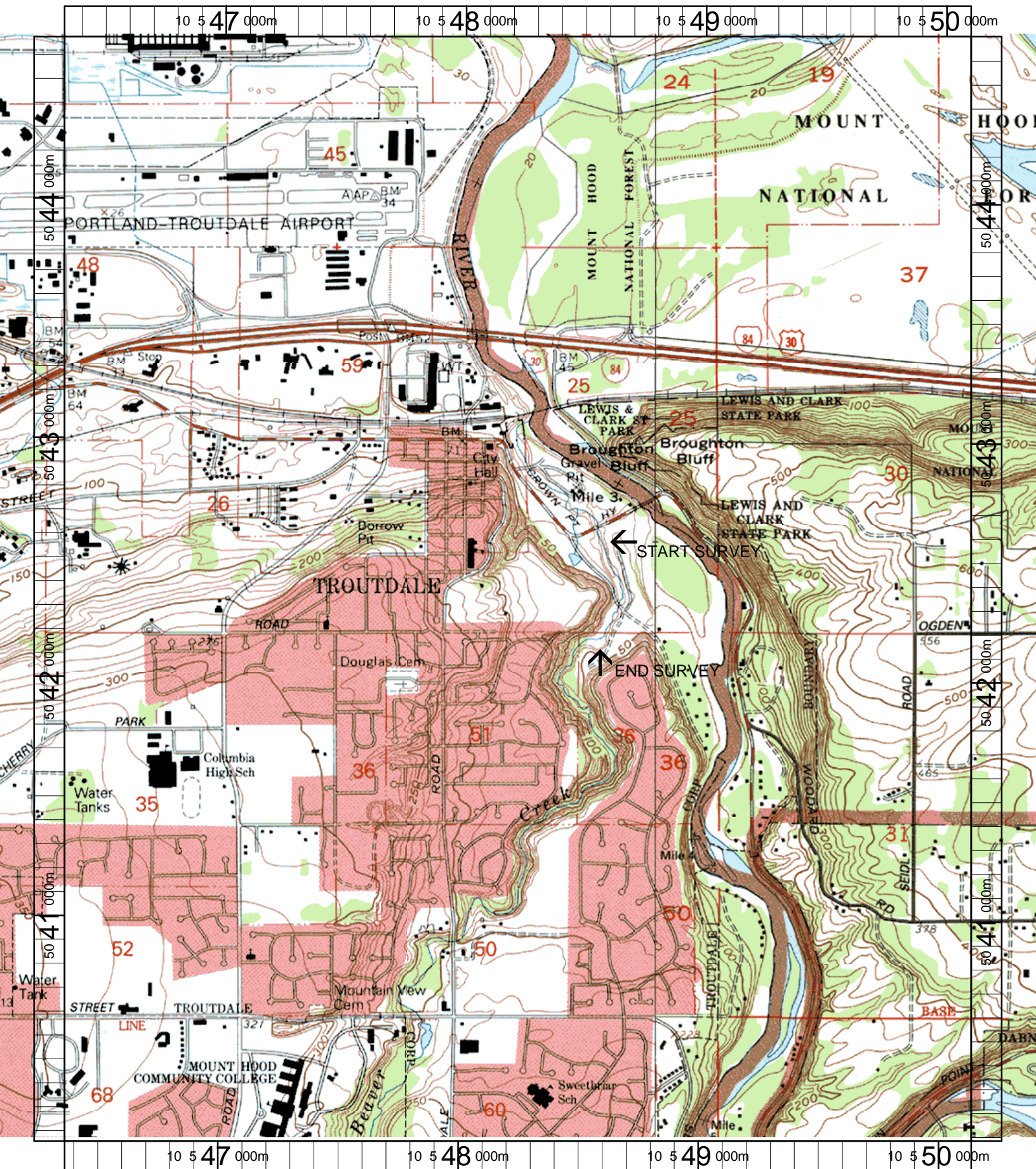
Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	52	1.27%
Scour Pools	2,339	56.96%
Glides	0	0.00%
Riffles	1,640	39.93%
Rapids	0	0.00%
Cascades	76	1.85%
Step/Falls	0	0.00%
Dry	0	0.00%
Culverts	0	0.00%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 7-L SITE ID: 205 BEAVER CREEK UPPER PRE-TX (L-205)

<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	RI	00	25		T=8C @1400	
2	RI	00	50	HS	BLDRS SEEM PLACED	
3	RI	00	75	BV	TRACKS IN MUD	
4	LP	00	102	CS/	BLDRS, ROPE SWING	
5	RI	00	127	CS/, HS	BLDRS	
6	RI	00	146.4	HS	BLDRS	
7	LP	00	180.5	HS	BLDRS, LOGS	
8	RI	01	216.5	HS	BLDRS	
10	LP	00	239	CS/	MAX DEPTH EST.,LG POO	
11	CB	00	254.2	CS/CS, BC	BLDR RIPRAP	
12	LP	00	291.8		LONG POOL, DEPTH EST.	
13	RI	00	308.3	/SS		
15	LP	00	409.8	CS/	RIPRAP	
16	RI	00	426.7		EOS-NO SIGN-PVT PROP	



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

Location: 10 548227 E 5042384 N
 Caption: BEAVER CREEK UPPER RESTORATION SITE - SANDY RIVER BASIN