

REACH

T02S-R03E-S43SE

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	14.4	VWI Range:	8.2 - 24.5

Channel Morphology (Percent Reach Length)

<u>Constrained</u>		<u>Unconstrained</u>	
Hillslope	0%	Single Channel	100%
Bedrock	0%	Multiple Channel	0%
Terrace	0%	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	741	1,708	0
Secondary	122	170	2

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	2.1	Width	4.6	55.2	70.5
Depth	0.18	Height	0.5	0.9	2.8
		W:D ratio	10.3	Entrenchment	12.9
Stream Flow Type:	LF	Water temp (C):	6.5 - 6.5		
Avg. Unit Gradient:	0.8%	Habitat Units/100m:	5.1		

**Riparian, Bank, and Wood Summary**

	<u>Primary</u>	<u>Secondary</u>
Land Use:	HG	RR
Riparian Vegetation:	D15	S

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):	39	5.3
Volume (m <sup>3</sup> ):	57	7.7
Key pieces (>=10m x 0.60m):	2	0.3

OREGON DEPARTMENT OF FISH AND WILDLIFE

FOSTER CREEK POST-TX (L-86)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/13/03

REACH		T02S-R03E-S43SE						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	
CULVERT CROSSING	1	3	2.0	0.10	6	0	65	0	25	10	0	0	
DRY UNIT	1	74	1.5	0.00	111	0	100	0	0	0	0	0	
GLIDE	6	148	2.7	0.20	397	0	33	16	26	23	2	0	
POOL-LATERAL SCOUR	5	86	2.1	0.41	201	0	30	9	48	11	1	0	
PUDDLED UNIT	1	28	1.1	0.01	31	0	100	0	0	0	0	0	
RIFFLE	23	498	2.0	0.15	1,068	0	31	11	38	18	2	0	
RIFFLE W/ POCKETS	1	27	2.4	0.15	65	0	25	5	40	25	5	0	
<b>Total:</b>	<b>38</b>	<b>863</b>	<b>2.1</b>	<b>0.18</b>	<b>1,878</b>	<b>0</b>	<b>Avg 36</b>	<b>11</b>	<b>35</b>	<b>17</b>	<b>1</b>	<b>0</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	0	0			0	0.00%	0	0.0
Scour Pools	5	86	2.1	0.41	201	10.68%	0	0.0
Glides	6	148	2.7	0.20	397	21.15%	0	0.0
Riffles	24	525	2.1	0.15	1,133	60.31%	0	0.0
Rapids	0	0			0	0.00%	0	0.0
Cascades	0	0			0	0.00%	0	0.0
Step/Falls	0	0			0	0.00%	0	0.0
Dry	2	102	1.3	0.01	141	7.53%	0	0.0
Culverts	1	3	2.0	0.10	6	0.32%	0	0.0

POOL SUMMARY		
	Total	# / Km
All Pools:	5	6.7
Pools >=1m deep:	0	0.0
Complex pools (LWD pieces>=3):	1	1.3
Pool frequency (channel widths/pool):	37.3	
Residual pool depth (avg):	0.34	

**STREAM SUMMARY**

**FOSTER CREEK POST-TX (L-86)**

Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m <sup>2</sup> )	Substrate						Large Boulders (#>0.5m)
					Percent Wetted Area						
					S/O	Snd	Grvl	Cbl	Bldr	Bdrk	
38	863	2.1	0.18	1,878	36	11	35	17	1	0	

Habitat Group	Wetted Area	
	(m <sup>2</sup> )	Percent
Dammed & BW Pools	0	0.00%
Scour Pools	201	10.68%
Glides	397	21.15%
Riffles	1,133	60.31%
Rapids	0	0.00%
Cascades	0	0.00%
Step/Falls	0	0.00%
Dry	141	7.53%
Culverts	6	0.32%

# Comment Summary

## Restoration Monitoring Sites 2003

MONITORING AREA: 7-L    SITE ID: 86    FOSTER CREEK POST-TX (L-86)

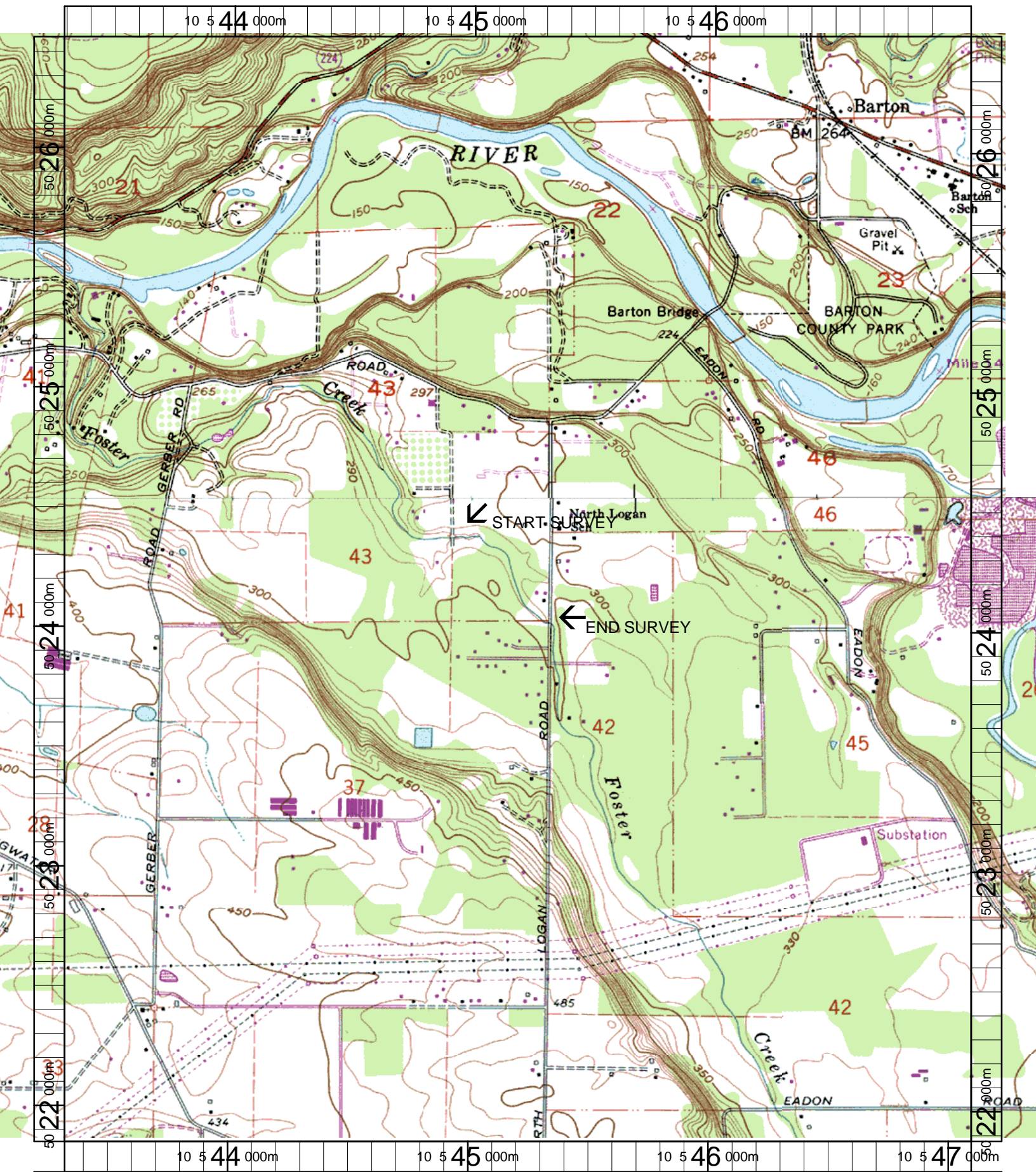
UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
1	CC	00	3	3*CC	3 GALV.+CORRIG	
2	RI	00	28.3	FC*2		
3	RI	00	53.3	HS-3	MURKEY WATER	
4	RI	00	78.3		SM TREES PLANTED IN R	
6	LP	00	125.1	HS-4	LOW VIS.	
7	GL	00	146.1	HS-1		
8	RI	00	171.1	HS-2		
10	RI	00	215.1	FC, HS-1		
11	GL	00	227.5	HS-2		
12	RI	00	252.5	HS-3		
13	RI	01	272		TIRE IN CR	
14	GL	01	300	WL	FRESH WATER MUSSELS	
16	RI	00	325		LENGTH EST-BLACKBER	
18	RI	01	379.5	TJ/		
20	GL	00	405.6		MANMADE TERR-HOLDS	
21	GL	00	436.2	HS-3		
24	RI	00	511.5	FC*2		
26	RI	00	561.5	DJ, HS-1	SM DEBRIS	
27	RI	00	586.5	HS-4		
28	RI	00	598.1	FC		
29	LP	01	610.4	BC	FOOTBRIDGE, TREE FOR	

# Comment Summary

## Restoration Monitoring Sites 2003

MONITORING AREA: 7-L SITE ID: 86 FOSTER CREEK POST-TX (L-86)

<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
32	PD	02	660.4	BC	GRASSY, FOOTBRIDGE	
33	DU	02	660.4		SLOPE EST.- OVERGROW	
37	RI	00	729.1	RD=HT		
38	LP	00	741.2	FC	END~2M FROM RD+CC	



Name: REDLAND  
 Date: 3/20/2003  
 Scale: 1 inch equals 1666 feet

Location: 10 545187 E 5024172 N  
 Caption: FOSTER CREEK RESTORATION SITE - CLACKAMAS BASIN