



OREGON DEPARTMENT OF FISH AND WILDLIFE

WOLF CREEK POST -TX (MC-108)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/19/03

REACH		T11S-R08W-S31NW					REACH					
Habitat Type	Number Units	HABITAT DETAIL					Substrate					
		Total	Avg	Avg	Total	Large	Percent Wetted Area					
		Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Boulders (#>0.5m)	S/O	Snd	Grvl	Cbl	Bldr	Bdrk
CASCADE/BOULDERS	1	10	0.6	0.05	6	0	0	40	60	0	0	0
CULVERT CROSSING	1	14	4.0	0.25	56	0	10	60	30	0	0	0
GLIDE	2	34	5.3	0.38	180	0	8	48	15	0	0	30
POOL-DAMMED	3	71	5.7	0.82	408	0	13	65	10	0	0	12
POOL-LATERAL SCOUR	8	149	5.6	0.69	822	0	10	58	20	1	0	11
POOL-PLUNGE	4	40	5.9	0.63	239	0	9	41	49	1	0	0
RAPID/BEDROCK	2	46	5.0	0.18	211	0	3	13	5	0	0	80
RIFFLE	6	103	4.4	0.23	494	0	6	26	65	0	0	3
RIFFLE W/ POCKETS	1	34	7.0	0.50	239	0	25	25	50	0	0	0
STEP/LOG	4	5	6.9	0.08	37	0	6	55	26	1	0	13
<b>Total:</b>	<b>32</b>	<b>504</b>	<b>5.4</b>	<b>0.44</b>	<b>2,692</b>	<b>0</b>	<b>Avg 8</b>	<b>45</b>	<b>33</b>	<b>1</b>	<b>0</b>	<b>13</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	3	71	5.7	0.82	408	15.17%	0	0.0
Scour Pools	12	188	5.7	0.67	1,061	39.42%	0	0.0
Glides	2	34	5.3	0.38	180	6.68%	0	0.0
Riffles	7	137	4.8	0.26	733	27.23%	0	0.0
Rapids	2	46	5.0	0.18	211	7.82%	0	0.0
Cascades	1	10	0.6	0.05	6	0.22%	0	0.0
Step/Falls	4	5	6.9	0.08	37	1.36%	0	0.0
Dry	0	0			0	0.00%	0	0.0
Culverts	1	14	4.0	0.25	56	2.08%	0	0.0

POOL SUMMARY		
	<u>Total</u>	<u># / Km</u>
All Pools:	15	31.6
Pools >=1m deep:	0	0.0
Complex pools (LWD pieces>=3):	8	16.9
Pool frequency (channel widths/pool):	5.0	
Residual pool depth (avg):	0.47	

**STREAM SUMMARY**

**WOLF CREEK POST -TX (MC-108)**

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	
32	504	5.4	0.44	2,692	8	45	33	1	0	13	

Habitat Group	Wetted Area	
	(m <sup>2</sup> )	Percent
Dammed & BW Pools	408	15.17%
Scour Pools	1,061	39.42%
Glides	180	6.68%
Riffles	733	27.23%
Rapids	211	7.82%
Cascades	6	0.22%
Step/Falls	37	1.36%
Dry	0	0.00%
Culverts	56	2.08%

# Comment Summary

## Restoration Monitoring Sites 2003

MONITORING AREA: 2-MC SITE ID: 108 WOLF CREEK POST -TX (MC-108)

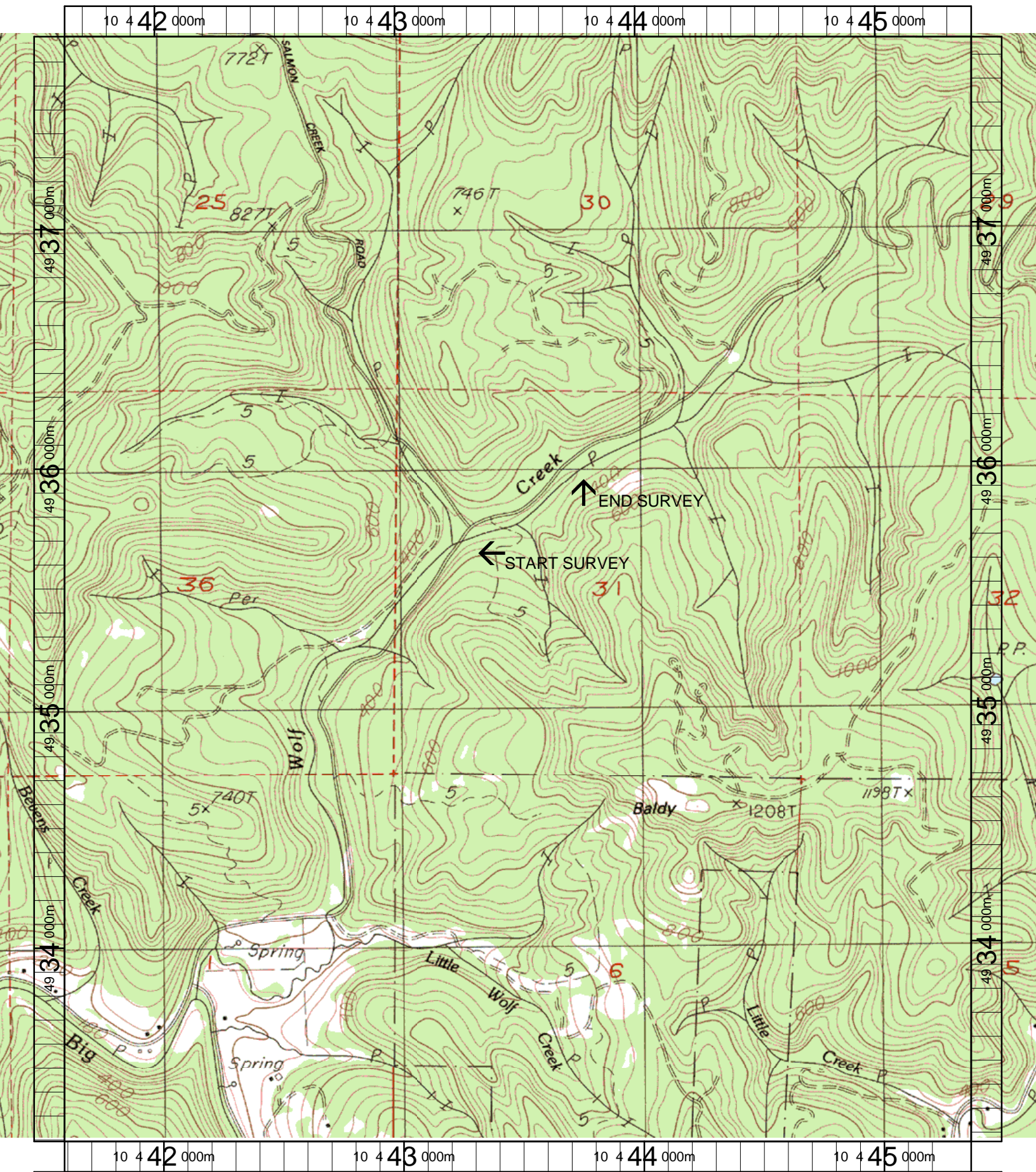
<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
30	PP	00	431.3	HS	REDD? SG=1M	
31	SL	00	431.65		CARCASS	
32	RI	00	474.35		CARCASS, SG=1M, EOS S	

# Comment Summary

## Restoration Monitoring Sites 2003

**MONITORING AREA: 2-MC    SITE ID: 108    WOLF CREEK POST -TX (MC-108)**

<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	6.2		T=8C/0900	
2	CC	00	20.2	CC	2MH*4MW SQUASHED CU	
3	LP	00	31.6	/CS	RIRAP IS CBL	
4	RR	00	67.8	SS/		
7	LP	00	110.8	HS		
10	PP	00	138.3		STEP LESS THAN .3M	
11	GL	01	157.1	/TJ	YOY CO	
13	SL	00	160.1	HS		
14	DP	00	176.7		CARCASS	
15	RI	00	188.3		SG=1M	
16	PP	00	194.6		NEW POOL DEVELOPING	
17	SL	00	195.3	HS	STRUCTURE CONT. INT	
19	LP	00	247.5	SS/, HS		
20	RI	01	259.5	/TJ	CARCASS	
21	RI	11	259.5		CARCASS	
22	GL	00	274.5	BV		
23	LP	00	309.7	HS	YOY-CO	
24	PP	00	327.9	DJ	CONT. INTO U25-26	
27	RP	00	380.5	/SS	CARCASS	
28	LP	00	407.5		SG=2M	
29	LP	00	424		SG=2M, CARCASS	



Name: HARLAN  
 Date: 5/20/2003  
 Scale: 1 inch equals 1666 feet

Location: 10 443489 E 4935487 N  
 Caption: WOLF CREEK RETORATION SITE - YAQUINA BASIN