

OREGON DEPARTMENT OF FISH AND WILDLIFE

WOLF CREEK TRIB PRE-TX (MC-206)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

1/29/03

REACH		T11S-R08W-S30SE					REACH					
Habitat Type	Number Units	HABITAT DETAIL					Substrate					
		Total	Avg	Avg	Total	Large	Percent Wetted Area					
		Length (m)	Width (m)	Depth (m)	Area (m ²)	Boulders (#>0.5m)	S/O	Snd	Grvl	Cbl	Bldr	Bdrk
CASCADE/BEDROCK	1	10	0.4	0.05	4	0	90	5	5	0	0	0
CULVERT CROSSING	1	15	0.7	0.10	11	0	0	0	70	30	0	0
POOL-LATERAL SCOUR	6	49	1.9	0.56	89	0	28	31	38	3	0	0
POOL-PLUNGE	2	15	3.2	0.50	48	0	33	43	25	0	0	0
POOL-STRAIGHT SCOUR	1	7	2.0	0.40	15	0	20	20	60	0	0	0
PUDDLED UNIT	2	59	1.3	0.05	73	0	65	23	13	0	0	0
RAPID/BOULDERS	1	8	1.8	0.10	15	0	0	5	95	0	0	0
RIFFLE	17	408	1.8	0.16	749	0	6	13	72	6	0	2
STEP/BEDROCK	1	3	0.5	0.05	1	0	100	0	0	0	0	0
STEP/COBBLE	1	3	1.8	0.10	6	0	0	0	70	30	0	0
STEP/LOG	3	1	2.2	0.35	2	0	3	36	39	22	0	0
Total:	36	578	1.8	0.25	1,012	0	Avg 19	19	54	7	0	1

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	0	0			0	0.00%	0	0.0
Scour Pools	9	71	2.2	0.53	151	14.92%	0	0.0
Glides	0	0			0	0.00%	0	0.0
Riffles	17	408	1.8	0.16	749	74.00%	0	0.0
Rapids	1	8	1.8	0.10	15	1.49%	0	0.0
Cascades	1	10	0.4	0.05	4	0.40%	0	0.0
Step/Falls	5	7	1.8	0.24	9	0.88%	0	0.0
Dry	2	59	1.3	0.05	73	7.25%	0	0.0
Culverts	1	15	0.7	0.10	11	1.05%	0	0.0

POOL SUMMARY		
	<u>Total</u>	<u># / Km</u>
All Pools:	9	17.8
Pools >=1m deep:	1	2.0
Complex pools (LWD pieces>=3):	0	0.0
Pool frequency (channel widths/pool):	19.9	
Residual pool depth (avg):	0.44	

STREAM SUMMARY

WOLF CREEK TRIB PRE-TX (MC-206)

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	
36	578	1.8	0.25	1,012	19	19	54	7	0	1	

Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	0	0.00%
Scour Pools	151	14.92%
Glides	0	0.00%
Riffles	749	74.00%
Rapids	15	1.49%
Cascades	4	0.40%
Step/Falls	9	0.88%
Dry	73	7.25%
Culverts	11	1.05%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 2-MC SITE ID: 206 WOLF CREEK TRIB PRE-TX (MC-206)

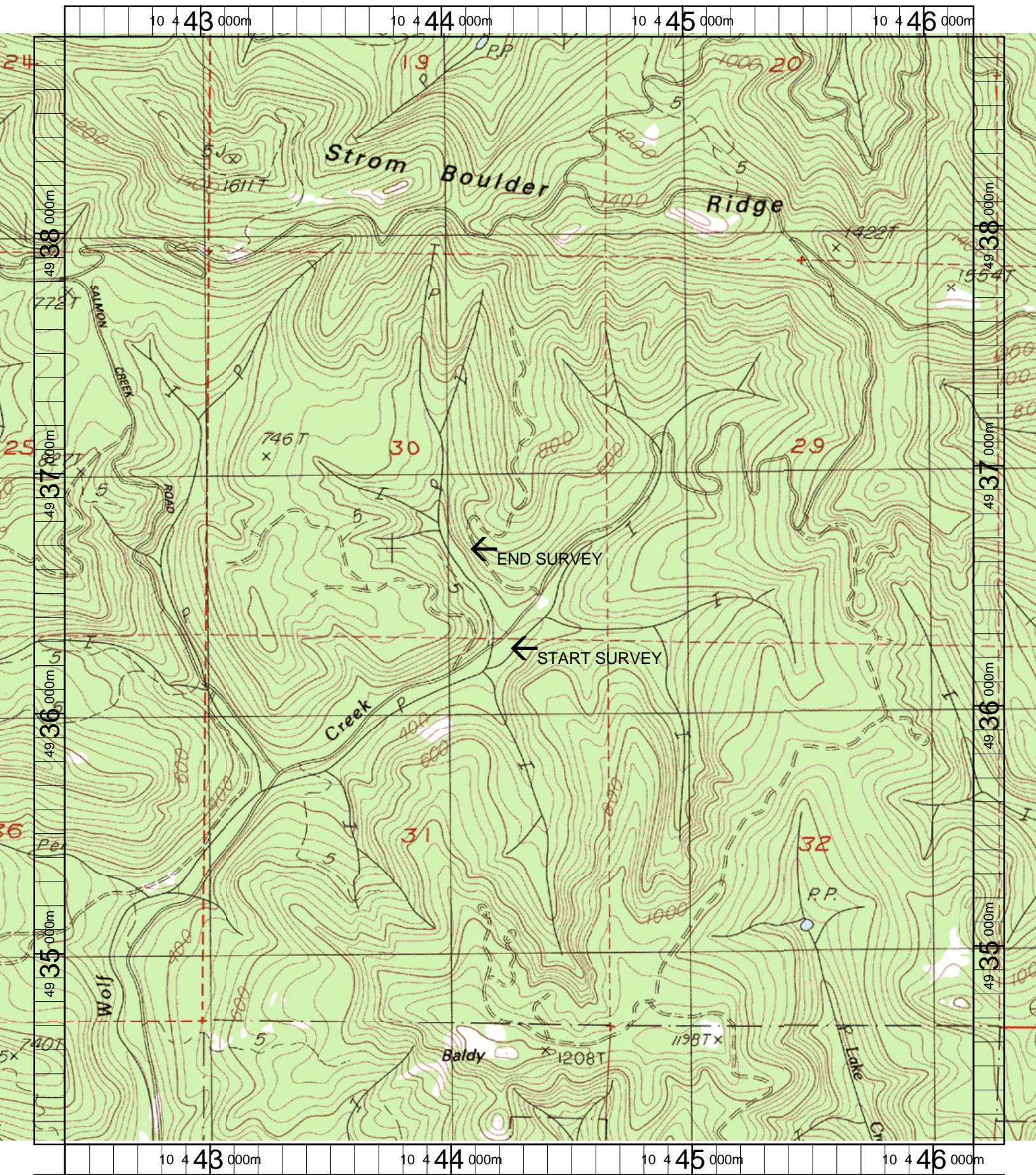
UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
1	CC	00	15.2		T=8.5C/1040	
2	SC	00	18.3		1.5*1.5M CULVERT-ROUN	
4	RI	00	38		HARDPAN	
6	RI	00	58.1		CO CARCASS	
7	RI	00	91.2		3-CO CARCASS	
9	SL	00	99.6		H=0.3	
10	LP	00	109.2		2-CO CARCASS	
13	RI	00	184.2		HARDPAN	
16	SL	00	214.9		H=.25, 3-CO CARCASS	
17	RI	00	239.9		CO CARCASS, HARDPAN	
19	PD	02	264.9	SS/, WL	2 NEWTS, ELK TRAIL XIN	
20	RI	00	294.9		HARDPAN, CO CARCASS	
21	LP	00	301.5		CO CARCASS	
22	SL	00	301.7		H=.3, LOW STEP	
23	RI	00	326.7	/SS		
25	SR	11	349.4	TJ/	H=1.8, HARDPAN	
26	CR	11	349.4		HARDPAN	
30	RI	00	419.8		3-CO CARCASS	
31	PD	11	419.8		WATER SEEPS FROM UN	
32	RI	00	444.8	/SS		
33	RI	00	469.8		4-CO CARCASS	

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 2-MC SITE ID: 206 WOLF CREEK TRIB PRE-TX (MC-206)

<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
34	RI	00	486.5		2-CO CARCASS	
35	LP	00	497.9		CO CARCASS	
36	RB	00	506.3		5-CO CARCASS, END SIG	



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

Location: 10 44297 E 4936500 N
 Caption: WOLF CREEK TRIBUTARY RESTORATION SITE -
 YAQUINA BASIN