

OREGON DEPARTMENT OF FISH AND WILDLIFE

WEST FORK MILLICOMA PRE-TX (MS-171)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/13/03

REACH		T23S-R11W-S14NE					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
POOL-BACKWATER	1	38	7.0	0.81	268	0	21	37	21	11	11	0
POOL-ISOLATED	2	11	1.5	0.15	16	0	14	31	13	15	7	19
POOL-LATERAL SCOUR	5	115	18.4	0.92	2,122	0	3	16	22	24	6	29
POOL-STRAIGHT SCOUR	2	43	20.1	1.12	876	0	3	15	28	28	15	13
RAPID/BEDROCK	1	4	21.9	0.32	92	0	0	22	22	28	17	11
RAPID/BOULDERS	1	10	24.8	0.40	243	0	0	15	30	15	20	20
RIFFLE	11	205	19.8	0.34	4,044	0	2	14	24	24	6	31
RIFFLE W/ POCKETS	2	32	19.4	0.45	587	0	5	14	25	23	9	25
STEP/BEDROCK	2	9	17.9	0.25	169	0	0	11	18	22	9	40
Total:	27	468	17.8	0.51	8,418	0	Avg 4	17	23	23	8	26

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	3	49	3.3	0.37	284	3.38%	0	0.0
Scour Pools	7	159	18.9	0.97	2,998	35.62%	0	0.0
Glides	0	0			0	0.00%	0	0.0
Riffles	13	237	19.7	0.36	4,631	55.02%	0	0.0
Rapids	2	14	23.4	0.36	335	3.98%	0	0.0
Cascades	0	0			0	0.00%	0	0.0
Step/Falls	2	9	17.9	0.25	169	2.00%	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:	10	23.9
Pools >=1m deep:	4	9.6
Complex pools (LWD pieces>=3):	1	2.4
Pool frequency (channel widths/pool):	2.1	
Residual pool depth (avg):	0.64	

STREAM SUMMARY

WEST FORK MILLICOMA PRE-TX (MS-171)

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	
27	468	17.8	0.51	8,418	4	17	23	23	8	26	

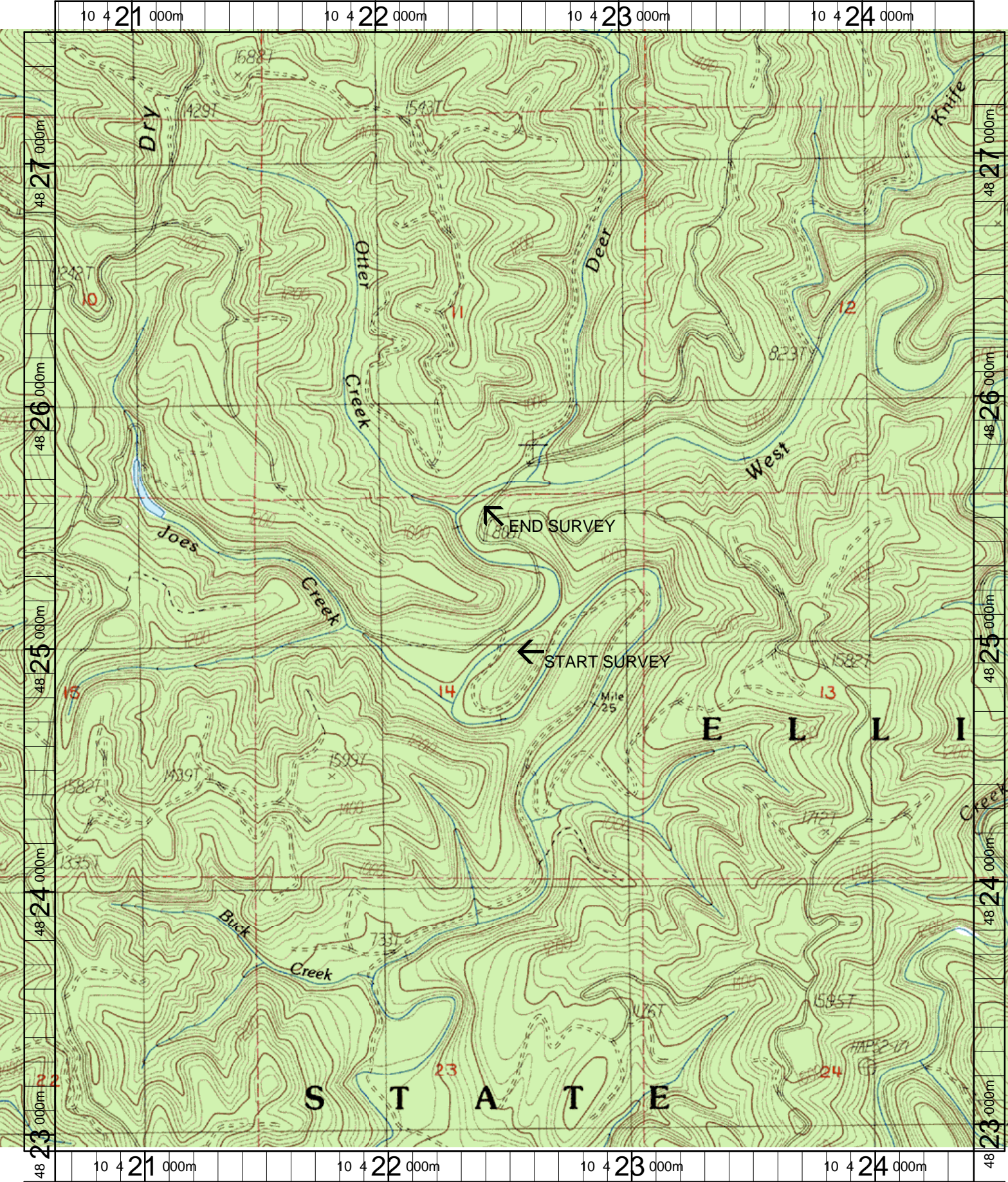
Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	284	3.38%
Scour Pools	2,998	35.62%
Glides	0	0.00%
Riffles	4,631	55.02%
Rapids	335	3.98%
Cascades	0	0.00%
Step/Falls	169	2.00%
Dry	0	0.00%
Culverts	0	0.00%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 3-MS SITE ID: 171 WEST FORK MILLICOMA PRE-TX (MS-171)

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
1	LP	00	25	/SS	T=7C	
2	RI	00	47.5		VALLEY=60M	
6	LP	00	109.8	WL/	OTTER	
11	SP	00	174.8		50% OF WIDTH=RI	
15	LP	00	217.1	WL/, /SS	RACCOON	
17	IP	10	242.1		ON RT 100+	
19	LP	00	275.6	WL/	OTTER, BRK CLIFF RT	
23	RI	00	354.1	/SS		
25	RI	00	379.1	/SS		
27	SP	00	418.8	/WL	RACCOON, OTTER	



Name: ELK PEAK
 Date: 6/18/2003
 Scale: 1 inch equals 1666 feet

Location: 10 422540 E 4825220 N
 Caption: WF MILLICOMA RIVER (#171) RESTORATION SITE -
 MILLICOMA BASIN