

OREGON DEPARTMENT OF FISH AND WILDLIFE

LITTLE JOE CREEK POST-TX (N-174)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

1/27/03

REACH		T05N-R09W-S26SE					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	
CULVERT CROSSING	1	15	3.1	0.25	47	0	0	0	45	55	0	0	
POOL-ALCOVE	1	10	2.5	0.10	25	0	90	10	0	0	0	0	
POOL-BACKWATER	1	4	2.0	0.30	8	0	29	59	5	5	2	0	
POOL-DAMMED	1	13	6.7	1.00	88	0	5	20	40	35	0	0	
POOL-LATERAL SCOUR	8	73	6.1	0.82	453	0	1	16	38	44	1	0	
POOL-PLUNGE	4	18	5.2	0.69	93	0	0	19	39	33	8	3	
RAPID/BOULDERS	6	196	3.9	0.28	828	0	0	21	35	44	0	0	
RIFFLE	9	201	5.5	0.28	1,113	0	1	10	45	41	3	0	
RIFFLE W/ POCKETS	1	24	9.7	0.40	234	0	0	20	50	30	0	0	
STEP/BOULDERS	1	3	1.5	0.50	4	0	0	70	30	0	0	0	
STEP/COBBLE	1	0	0.6	0.10	0	0	0	80	20	0	0	0	
STEP/LOG	2	1	6.0	0.12	7	0	0	35	45	20	0	0	
Total:	36	559	5.0	0.46	2,901	0	Avg 4	21	38	36	2	0	

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	27	3.7	0.47	122	4.20%	0	0.0
Scour Pools	12	91	5.8	0.78	546	18.82%	0	0.0
Glides	0	0			0	0.00%	0	0.0
Riffles	10	225	5.9	0.30	1,347	46.43%	0	0.0
Rapids	6	196	3.9	0.28	828	28.55%	0	0.0
Cascades	0	0			0	0.00%	0	0.0
Step/Falls	4	4	3.5	0.21	11	0.39%	0	0.0
Dry	0	0			0	0.00%	0	0.0
Culverts	1	15	3.1	0.25	47	1.61%	0	0.0

POOL SUMMARY

	Total	# / Km
All Pools:	15	28.4
Pools >=1m deep:	3	5.7
Complex pools (LWD pieces>=3):	3	5.7
Pool frequency (channel widths/pool):	5.1	
Residual pool depth (avg):	0.45	

STREAM SUMMARY

LITTLE JOE CREEK POST-TX (N-174)

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	559	5.0	0.46	2,901	4	21	38	36	2	0	

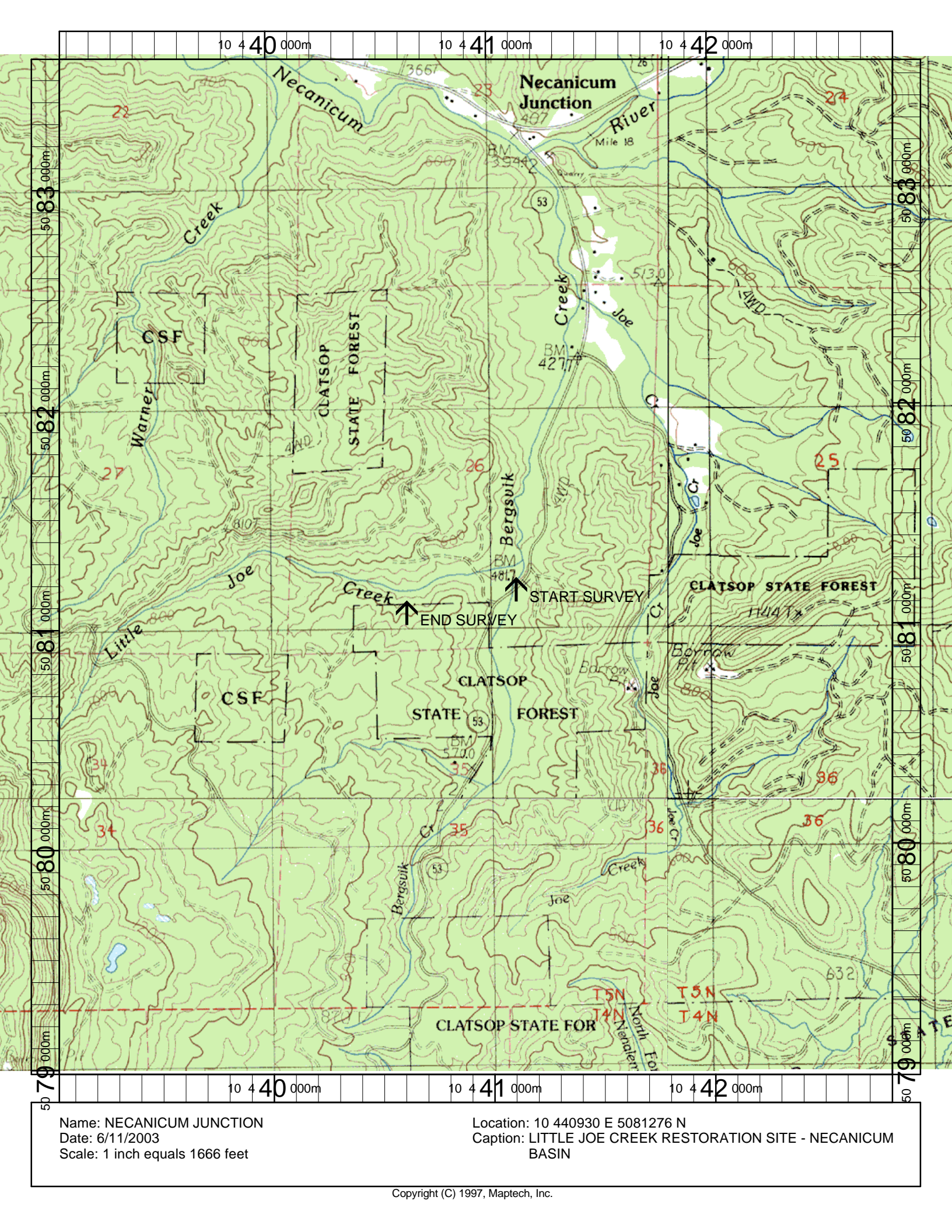
Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	122	4.20%
Scour Pools	546	18.82%
Glides	0	0.00%
Riffles	1,347	46.43%
Rapids	828	28.55%
Cascades	0	0.00%
Step/Falls	11	0.39%
Dry	0	0.00%
Culverts	47	1.61%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 1-NC SITE ID: 174 LITTLE JOE CREEK POST-TX (N-174)

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
1	RI	00	10.3		T=8C/1130	
2	LP	00	16.7	BV, HS		
5	LP	00	48.8	HS		
7	LP	00	69.6	HS		
8	RB	01	100.6	HS		
10	RB	00	142.6	HS	/SS	
12	RB	00	193.8	HS		
14	CC	00	219.2		2.2M*3.5M CULVERT; BER	
15	RB	00	252.3	DJ		
18	SL	00	291.4		H=.35	
20	RI	00	338.5	/SS		
22	RI	01	380.3	/TJ		
23	SC	11	380.3		H=.9M	
25	PP	00	384.1		3 ADULT STHD	
26	SL	00	384.7	DJ	H=.9M	
28	SB	00	391.6		H=.3	
31	RI	01	458.2	/SS		
34	PP	00	493.8		ADULT SALMON SEEN	
35	RP	00	517.9	DJ		
36	LP	00	528.4		EOS	



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

Location: 10 440930 E 5081276 N
 Caption: LITTLE JOE CREEK RESTORATION SITE - NECANICUM BASIN