

REACH

T05N-R09W-S09SW

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	9.6	VWI Range:	9 - 10

Channel Morphology (Percent Reach Length)

<u>Constrained</u>		<u>Unconstrained</u>	
Hillslope	0%	Single Channel	0%
Bedrock	0%	Multiple Channel	0%
Terrace	100%	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	497	2,940	0
Secondary	70	295	1

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	5.7	Width	8.4	10.4	12.3
Depth	0.40	Height	0.4	0.8	1.2
		W:D ratio	21.1	Entrenchment	1.3
Stream Flow Type:	MF	Water temp (C):	7.0	-	7.0
Avg. Unit Gradient:	2.1%	Habitat Units/100m:	6.0		

**Riparian, Bank, and Wood Summary**

	<u>Primary</u>	<u>Secondary</u>
Land Use:	ST	
Riparian Vegetation:	C15	D15

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):	73	14.7
Volume (m <sup>3</sup> ):	329	66.3
Key pieces (>=10m x 0.60m):	34	6.8

OREGON DEPARTMENT OF FISH AND WILDLIFE

N FK NECANICUM TRIB A POST-TX (N-175)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/11/03

REACH		T05N-R09W-S09SW					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
CASCADE/BOULDERS	1	18	5.2	0.20	92	0	40	40	15	5	0	0
DRY UNIT	1	42	4.4	0.00	185	0	0	5	45	45	5	0
POOL-ISOLATED	2	10	1.5	0.27	18	0	23	28	25	25	0	0
POOL-LATERAL SCOUR	7	114	7.3	0.73	805	0	6	10	44	33	6	0
POOL-PLUNGE	2	9	6.3	0.85	62	0	3	7	52	35	3	0
RIFFLE	14	371	5.6	0.27	2,054	0	1	5	45	40	9	0
STEP/LOG	3	3	5.5	0.28	18	0	23	30	19	24	4	0
<b>Total:</b>	<b>30</b>	<b>566</b>	<b>5.7</b>	<b>0.40</b>	<b>3,234</b>	<b>0</b>	<b>Avg 7</b>	<b>12</b>	<b>40</b>	<b>34</b>	<b>6</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	2	10	1.5	0.27	18	0.57%	0	0.0
Scour Pools	9	123	7.0	0.76	867	26.81%	0	0.0
Glides	0	0			0	0.00%	0	0.0
Riffles	14	371	5.6	0.27	2,054	63.51%	0	0.0
Rapids	0	0			0	0.00%	0	0.0
Cascades	1	18	5.2	0.20	92	2.83%	0	0.0
Step/Falls	3	3	5.5	0.28	18	0.56%	0	0.0
Dry	1	42	4.4	0.00	185	5.71%	0	0.0
Culverts	0	0			0	0.00%	0	0.0

POOL SUMMARY		
	<u>Total</u>	<u># / Km</u>
All Pools:	11	22.1
Pools >=1m deep:	1	2.0
Complex pools (LWD pieces>=3):	3	6.0
Pool frequency (channel widths/pool):	6.1	
Residual pool depth (avg):	0.55	

**STREAM SUMMARY**

**N FK NECANICUM TRIB A POST-TX (N-175)**

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	
30	566	5.7	0.40	3,234	7	12	40	34	6	0	

Habitat Group	Wetted Area	
	(m <sup>2</sup> )	Percent
Dammed & BW Pools	18	0.57%
Scour Pools	867	26.81%
Glides	0	0.00%
Riffles	2,054	63.51%
Rapids	0	0.00%
Cascades	92	2.83%
Step/Falls	18	0.56%
Dry	185	5.71%
Culverts	0	0.00%

# Comment Summary

## Restoration Monitoring Sites 2003

**MONITORING AREA: 1-NC    SITE ID: 175    N FK NECANICUM TRIB A POST-TX (N-175)**

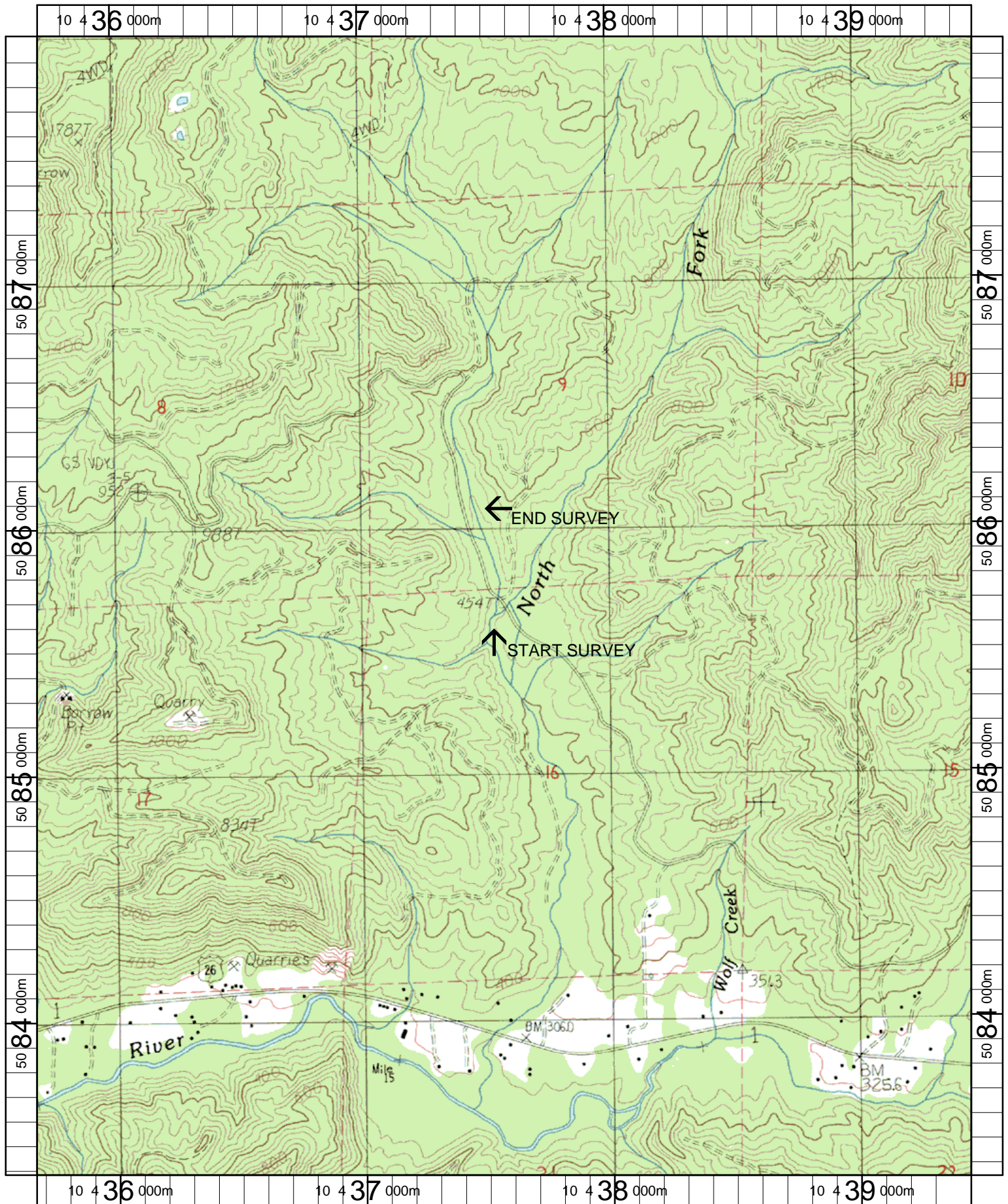
<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
1	RI	00	27	BV	T=6C/0830	
2	RI	00	56	BV	RD/, OLD RD RT	
3	RI	00	85	BV	OLD RD XING	
4	LP	00	96	HS, DJ	FISH CARACSS	
5	SL	00	96.4	BV	H=0.3M	
6	RI	00	127.6	BV		
7	LP	00	153.6	BV, HS		
10	RI	00	216	HS		
11	PP	00	221.4	DJ, HS	2M POOL TAILOUT	
12	SL	00	223.1		H=.8M	
13	RI	00	240.1	BV		
16	RI	01	296.3	HS		
17	CB	02	296.3	DJ, HS	DJ CAUSING SIDE CHNL	
19	SL	01	300.8		H=.5M	
21	LP	00	333.7	BV		
22	IP	10	333.7		2M POOL TAILOUT	
23	LP	00	353.7	BV		
26	RI	01	400.7	HS, DJ	RD/	
27	DU	02	400.7	HS	SM AMOUNT OF FLOW	
28	RI	00	432.7	HS, DJ	.8M DEEP POCKET	
29	RI	00	466.7	HS		

# Comment Summary

## Restoration Monitoring Sites 2003

MONITORING AREA: 1-NC SITE ID: 175 N FK NECANICUM TRIB A POST-TX (N-175)

<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	RI	00	496.7		T=7C	



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

Location: 10 437573 E 5085676 N  
 Caption: NORTH FORK NECANICUM RIVER TRIBUTARY A  
 RESTORATION SITE - NECANICUM BASIN