

Table A-8 Summary of "Riparian Health" Components in the Lower Raritan WMA (WMA 9)						
HUC14	%"Historical" Riparian Area Forested (Crown Closure >=10%): 1986	%"Historical" Riparian Area Forested (Crown Closure >=10%): 1995	% "Riparian" Soils Undeveloped: 1986	% "Riparian" Soils Undeveloped: 1995	%"Historical" Riparian Area Streamside Wetlands: 1986	%"Historical" Riparian Area Streamside Wetlands: 1995
Lower Raritan River - Millstone to Confluence (02030105080)						
010	9.13%	12.09%	85.96%	85.20%	32.48%	30.29%
020	17.78%	17.59%	83.43%	83.23%	28.68%	28.67%
030	8.55%	8.47%	93.55%	92.71%	43.80%	43.07%
Lower Raritan River - Lawrence to Millstone (02030105120)						
010	48.17%	47.02%	70.22%	69.41%	16.34%	16.34%
020	17.89%	17.87%	22.98%	22.66%	1.55%	1.55%
030	15.59%	14.74%	56.76%	56.02%	26.42%	25.43%
040	1.54%	1.64%	71.34%	70.83%	44.54%	44.17%
050	14.75%	14.72%	89.49%	88.02%	59.36%	55.13%
060	19.90%	17.98%	92.55%	87.76%	60.01%	55.39%
070	7.77%	9.14%	99.35%	99.36%	38.88%	37.78%
080	2.96%	2.38%	80.33%	77.44%	60.96%	57.91%
090	1.52%	1.52%	73.24%	73.04%	17.55%	17.47%
100	1.09%	1.38%	88.53%	88.54%	51.26%	49.06%
110	2.45%	3.53%	60.78%	56.50%	41.66%	35.62%
120	4.94%	6.11%	90.92%	89.56%	56.34%	53.49%
130	3.62%	5.68%	63.75%	63.73%	35.60%	35.61%
140	6.11%	6.43%	92.58%	91.73%	51.72%	49.83%
150	10.28%	10.66%	96.87%	96.94%	17.30%	17.26%
160	6.74%	7.91%	96.91%	96.70%	51.16%	46.62%
170	11.64%	11.62%	93.51%	93.73%	26.04%	25.68%
Lawrence Brook (02030105130)						
010	11.64%	11.55%	90.28%	92.36%	61.57%	61.35%
020	26.13%	23.69%	94.51%	92.16%	60.35%	59.95%
030	33.53%	28.65%	73.67%	67.70%	34.96%	33.91%
040	13.11%	12.51%	75.95%	75.73%	52.42%	52.37%
050	22.36%	20.34%	79.72%	77.15%	47.00%	46.66%
060	16.45%	15.52%	69.04%	65.97%	34.05%	32.31%
070	20.60%	20.04%	81.77%	80.33%	25.00%	24.59%
Manalapan Brook (02030105140)						
010	19.03%	18.10%	93.01%	91.69%	53.34%	52.45%
020	9.43%	9.51%	92.03%	91.92%	72.62%	72.35%
030	29.20%	24.12%	86.17%	84.02%	43.01%	42.94%
Matchaponix Brook (02030105150)						
010	15.63%	16.14%	87.46%	87.83%	58.88%	58.54%
020	13.61%	13.66%	81.02%	77.33%	51.87%	47.39%
030	9.52%	8.51%	70.27%	65.96%	46.54%	41.86%
040	16.54%	13.99%	77.16%	66.41%	51.46%	43.09%
050	8.87%	7.14%	92.41%	89.76%	76.54%	76.10%
060	12.46%	11.26%	89.47%	87.83%	65.61%	65.16%
Lower Raritan River below Lawrence (02030105160)						
010	12.05%	12.95%	89.46%	89.10%	67.44%	66.27%
020	15.99%	12.35%	90.19%	83.61%	66.94%	64.91%
030	13.46%	12.36%	93.55%	92.07%	66.19%	65.47%
040	15.58%	14.12%	88.79%	85.99%	59.25%	57.45%
050	18.02%	17.55%	81.02%	80.43%	41.09%	40.34%
060	31.21%	30.43%	94.10%	93.11%	49.36%	49.11%
070	7.99%	7.00%	94.10%	93.09%	48.08%	47.26%
080	8.51%	7.07%	78.93%	65.54%	36.51%	33.79%
090	7.68%	5.26%	75.14%	72.10%	56.10%	55.79%
100	7.42%	6.99%	95.36%	94.96%	32.16%	32.12%

Positive value denotes gain
Negative value denotes loss

Source: Upper Raritan Watershed Association, September 2002

Table A-8 Continued								
Summary of "Riparian Health" Components in the Lower Raritan WMA (WMA 9)								
HUC14	%Floodplain Undeveloped: 1986	%Floodplain Undeveloped: 1995	%Wildlife Corridor Undeveloped: 1986	%Wildlife Corridor Undeveloped: 1995	%"Historical" Riparian Area Impervious: 1995	%Stream Miles Managed	Number of Flow Obstructions	Number of Stream Crossings Per Kilometer
Lower Raritan River - Millstone to Confluence (02030105080)								
010	35.15%	39.68%	42.48%	42.36%	16.47%	0.00%	0	3.63
020	62.35%	61.46%	63.78%	62.96%	6.18%	36.19%	4	1.42
030	61.83%	61.19%	63.32%	63.51%	6.72%	30.32%	2	1.05
Lower Raritan River - Lawrence to Millstone (02030105120)								
010	70.60%	69.57%	71.36%	70.04%	8.65%	0.00%	4	2.02
020	17.27%	17.07%	23.38%	23.22%	41.49%	0.00%	4	4.14
030	43.03%	42.00%	47.96%	46.72%	19.78%	0.00%	3	2.59
040	54.39%	54.10%	65.38%	64.71%	18.82%	0.00%	0	2.01
050	79.06%	77.85%	74.36%	70.18%	5.83%	0.00%	4	1.76
060	90.73%	91.38%	82.24%	79.90%	4.18%	0.00%	2	1.15
070	50.44%	53.41%	59.17%	58.92%	19.12%	0.00%	0	2.98
080	65.45%	60.47%	76.75%	75.09%	19.73%	0.00%	1	1.72
090	18.81%	18.60%	50.27%	50.34%	32.33%	0.00%	1	1.12
100	49.55%	49.13%	48.69%	47.96%	18.94%	0.00%	2	2.07
110	43.38%	40.33%	39.70%	37.19%	29.44%	0.00%	0	1.38
120	63.30%	62.38%	53.51%	52.12%	15.62%	0.00%	3	1.53
130	59.96%	59.59%	53.43%	53.36%	20.70%	0.00%	0	2.16
140	64.90%	64.38%	66.61%	67.18%	13.62%	27.73%	3	1.48
150	41.83%	42.14%	38.73%	39.46%	30.62%	0.00%	0	2.43
160	76.99%	76.50%	61.03%	59.58%	9.29%	19.67%	4	1.93
170	70.46%	70.55%	49.68%	49.46%	15.42%	13.17%	1	2.07
Lawrence Brook (02030105130)								
010	85.17%	85.76%	66.56%	66.80%	3.26%	0.00%	0	0.66
020	92.50%	90.63%	92.79%	90.37%	2.33%	0.00%	1	0.35
030	77.73%	68.75%	73.62%	67.68%	12.58%	0.00%	0	1.62
040	80.59%	80.48%	80.79%	80.30%	5.49%	0.00%	1	1.22
050	79.75%	77.86%	79.58%	77.43%	6.10%	0.00%	1	0.81
060	78.67%	77.45%	58.08%	55.90%	13.14%	0.00%	3	1.43
070	60.66%	60.64%	51.48%	51.48%	14.05%	0.00%	2	2.21
Manalapan Brook (02030105140)								
010	90.50%	89.62%	72.58%	69.66%	2.50%	0.00%	9	0.74
020	88.52%	88.44%	87.26%	87.68%	1.95%	0.00%	0	0.32
030	82.29%	80.87%	75.36%	73.76%	6.84%	0.00%	4	0.94
Matchaponix Brook (02030105150)								
010	88.44%	88.39%	78.69%	78.02%	6.22%	0.00%	2	0.85
020	78.41%	73.47%	68.17%	65.13%	8.62%	0.00%	3	1.15
030	69.41%	64.08%	58.17%	54.59%	13.93%	0.00%	0	1.66
040	81.20%	66.95%	64.05%	57.48%	11.65%	0.00%	0	1.48
050	93.81%	92.21%	88.62%	86.58%	3.26%	0.00%	0	0.54
060	80.78%	79.37%	82.68%	81.31%	3.00%	0.00%	2	0.68
Lower Raritan River below Lawrence (02030105160)								
010	84.83%	85.32%	76.93%	76.69%	3.69%	0.00%	0	0.80
020	91.67%	87.79%	83.61%	78.80%	7.62%	0.00%	0	1.23
030	92.12%	90.55%	79.79%	77.59%	4.11%	0.00%	3	1.08
040	85.32%	83.17%	73.99%	70.93%	8.36%	0.00%	1	1.93
050	69.93%	68.46%	57.33%	56.00%	9.85%	0.00%	1	2.19
060	85.44%	84.24%	93.00%	93.35%	4.76%	0.00%	1	0.32
070	75.85%	72.46%	73.46%	71.84%	7.14%	0.00%	0	0.49
080	53.12%	49.01%	49.05%	46.67%	24.02%	0.00%	0	4.38
090	75.77%	72.36%	80.60%	79.52%	14.81%	0.00%	0	0.17
100	82.68%	81.56%	78.84%	76.80%	5.41%	0.00%	0	0.19

Positive value denotes gain
Negative value denotes loss

Source: Upper Raritan Watershed Association, September 2002