

Table A-7 Summary of "Riparian Health" Components in the Upper Raritan WMA (WMA 8)						
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
<b>South Branch Raritan River above Spruce Run (02030105010)</b>						
010	30.76%	26.34%	87.29%	80.71%	40.42%	39.27%
020	19.78%	16.65%	78.71%	76.70%	40.51%	40.02%
030	26.09%	25.40%	94.39%	93.81%	32.88%	32.78%
040	28.99%	27.76%	90.85%	90.90%	48.94%	48.84%
050	24.02%	22.84%	88.15%	87.47%	46.68%	46.66%
060	26.25%	26.06%	91.63%	91.10%	41.59%	41.53%
070	52.63%	52.11%	79.73%	79.64%	8.24%	8.01%
080	31.67%	34.02%	73.32%	73.57%	17.53%	17.39%
<b>South Branch Raritan River Three Bridges to Spruce Run (02030105020)</b>						
010	32.84%	33.24%	94.82%	94.92%	40.65%	40.60%
020	54.65%	53.80%	89.38%	89.35%	20.00%	20.00%
030	35.46%	34.55%	92.18%	91.62%	36.79%	36.70%
040	21.60%	22.20%	97.67%	97.59%	11.92%	11.82%
050	38.93%	38.78%	74.87%	73.23%	16.38%	16.38%
060	30.37%	32.02%	85.85%	86.00%	22.25%	22.23%
070	17.95%	20.81%	93.95%	95.69%	39.71%	39.11%
080	29.15%	28.58%	95.54%	95.04%	37.81%	37.60%
090	13.40%	13.36%	99.54%	99.60%	10.31%	10.17%
100	19.25%	20.11%	92.79%	92.91%	40.34%	40.14%
<b>Neshanic River (02030105030)</b>						
010	21.61%	21.79%	80.69%	80.91%	38.66%	38.47%
020	17.88%	19.36%	95.67%	95.29%	53.59%	53.24%
030	13.94%	14.87%	90.65%	91.23%	37.51%	37.31%
040	13.95%	14.32%	89.07%	88.68%	38.81%	38.68%
050	22.60%	23.30%	85.71%	85.60%	32.31%	32.27%
060	17.15%	18.45%	88.05%	87.81%	35.76%	35.61%
<b>South Branch Raritan River - North Branch to Three Bridges (02030105040)</b>						
010	14.96%	16.93%	92.76%	92.64%	35.47%	35.31%
020	27.92%	28.51%	96.09%	96.14%	28.47%	28.16%
030	37.65%	38.02%	97.73%	97.80%	24.43%	24.38%
040	9.80%	11.39%	96.40%	96.71%	43.78%	43.72%
<b>Lamington River (02030105050)</b>						
010	30.32%	28.96%	88.60%	88.60%	26.52%	26.17%
020	23.00%	22.10%	93.74%	93.22%	54.14%	54.06%
030	29.89%	28.78%	87.76%	86.73%	43.51%	43.52%
040	49.50%	49.30%	90.67%	90.04%	26.28%	26.28%
050	71.43%	71.39%	90.27%	90.30%	6.89%	6.89%
060	33.22%	34.05%	76.79%	75.89%	11.33%	11.33%
070	41.61%	43.71%	87.41%	87.45%	18.19%	18.19%
080	45.19%	45.10%	75.79%	76.32%	17.90%	17.90%
090	55.18%	52.73%	94.35%	93.98%	16.11%	16.11%
100	40.02%	38.11%	84.59%	84.61%	18.03%	18.00%
110	25.02%	27.01%	90.67%	90.58%	31.45%	31.44%
<b>North Branch Raritan River above Lamington (02030105060)</b>						
010	41.92%	40.58%	88.12%	87.47%	35.53%	35.53%
020	55.01%	51.08%	83.21%	81.25%	19.22%	19.22%
030	44.98%	42.64%	82.62%	80.84%	23.11%	23.11%
040	52.26%	52.08%	68.64%	68.49%	12.20%	12.20%
050	48.93%	44.97%	85.30%	81.55%	22.46%	21.85%
060	36.60%	39.88%	56.16%	56.00%	4.02%	4.02%
070	40.26%	39.88%	66.60%	67.49%	15.17%	15.17%
080	45.27%	45.69%	74.33%	73.33%	10.34%	10.29%
090	31.83%	31.80%	87.45%	86.90%	27.18%	26.89%
<b>North Branch Raritan River - South Branch to Lamington (02030105070)</b>						
010	20.36%	21.90%	81.41%	81.48%	32.50%	32.47%
020	23.58%	27.57%	92.96%	93.50%	34.21%	34.11%
030	15.29%	16.70%	97.48%	98.02%	42.51%	42.35%

Positive value denotes gain  
Negative value denotes loss

Source: Upper Raritan Watershed Association, September 2002

Table A-7 Continued								
Summary of "Riparian Health" Components in the Upper Raritan WMA (WMA 8)								
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
<b>South Branch Raritan River above Spruce Run (02030105010)</b>								
010	90.32%	88.16%	76.68%	71.85%	10.47%	0.00%	3	1.05
020	68.92%	64.49%	69.77%	66.82%	6.79%	0.00%	1	0.85
030	95.61%	95.26%	66.63%	65.16%	4.50%	0.00%	0	0.84
040	94.15%	94.04%	90.66%	89.60%	3.56%	0.00%	2	0.89
050	80.78%	80.46%	78.39%	77.68%	3.99%	0.00%	4	0.88
060	76.03%	76.48%	68.18%	69.38%	2.49%	0.00%	0	0.94
070	66.37%	67.48%	68.75%	69.09%	3.73%	0.00%	2	1.46
080	56.36%	58.50%	62.44%	64.90%	9.29%	0.17%	1	1.34
<b>South Branch Raritan River Three Bridges to Spruce Run (02030105020)</b>								
010	79.22%	79.93%	78.56%	78.57%	2.40%	0.00%	4	1.17
020	72.01%	72.14%	84.52%	83.92%	4.52%	0.00%	0	1.77
030	83.93%	82.62%	79.09%	78.64%	2.19%	0.00%	4	1.07
040	97.17%	97.27%	66.48%	68.92%	2.18%	3.02%	3	1.07
050	60.93%	60.79%	58.20%	58.12%	8.70%	0.00%	3	2.36
060	69.65%	70.18%	62.98%	64.36%	2.04%	0.00%	3	0.80
070	71.58%	75.47%	63.63%	67.35%	2.81%	17.81%	3	1.18
080	80.12%	79.22%	74.10%	74.03%	2.33%	34.86%	2	1.26
090	95.02%	95.31%	74.60%	74.29%	0.84%	0.00%	3	1.01
100	84.54%	84.54%	64.61%	66.31%	4.80%	21.30%	3	1.20
<b>Neshanic River (02030105030)</b>								
010	55.73%	56.71%	57.14%	56.52%	6.32%	0.00%	1	1.21
020	69.05%	76.94%	72.06%	75.44%	0.97%	0.00%	0	1.12
030	78.55%	78.55%	48.36%	49.10%	1.43%	0.00%	1	1.53
040	54.51%	57.51%	48.41%	49.60%	1.16%	0.00%	0	1.38
050	53.31%	56.93%	45.98%	48.88%	0.88%	0.00%	0	1.17
060	51.08%	53.73%	44.35%	47.15%	1.22%	0.11%	1	1.02
<b>South Branch Raritan River - North Branch to Three Bridges (02030105040)</b>								
010	65.52%	65.39%	57.73%	58.48%	2.45%	25.38%	2	1.05
020	64.28%	62.67%	58.59%	57.74%	3.28%	0.00%	1	1.30
030	74.78%	75.44%	66.91%	66.69%	4.23%	0.00%	1	1.13
040	68.44%	68.73%	66.16%	65.88%	2.17%	39.18%	1	0.66
<b>Lamington River (02030105050)</b>								
010	78.76%	78.94%	64.62%	62.06%	8.57%	0.00%	2	1.26
020	91.88%	90.99%	81.23%	80.11%	4.16%	0.00%	1	0.70
030	93.05%	92.49%	78.63%	78.54%	3.08%	0.00%	1	1.19
040	97.11%	96.88%	87.28%	86.94%	2.32%	0.00%	3	0.56
050	84.64%	84.39%	83.15%	82.96%	0.60%	0.00%	1	0.62
060	43.91%	43.44%	53.34%	55.23%	1.26%	0.00%	1	0.98
070	63.96%	65.05%	66.67%	67.36%	1.71%	0.00%	4	1.07
080	65.80%	65.37%	67.89%	67.75%	1.90%	0.00%	0	1.12
090	81.57%	79.34%	77.17%	75.36%	1.83%	0.10%	3	1.13
100	72.69%	70.45%	63.07%	60.73%	5.76%	4.38%	7	1.47
110	62.92%	64.32%	69.16%	69.89%	1.48%	45.42%	3	1.16
<b>North Branch Raritan River above Lamington (02030105060)</b>								
010	91.69%	91.32%	84.99%	84.31%	4.01%	0.00%	5	0.52
020	88.92%	86.77%	79.20%	76.29%	3.51%	0.00%	5	0.79
030	83.79%	83.24%	73.94%	72.58%	2.55%	0.00%	3	0.90
040	67.32%	66.54%	76.42%	75.47%	1.83%	0.00%	1	0.98
050	80.74%	80.80%	80.85%	76.28%	4.95%	0.00%	4	0.43
060	48.12%	47.65%	48.09%	47.30%	8.96%	0.00%	1	2.17
070	61.01%	60.56%	60.66%	59.50%	7.54%	0.00%	4	1.83
080	70.18%	70.66%	62.47%	61.58%	0.74%	0.00%	1	0.76
090	64.19%	64.16%	69.28%	66.83%	3.86%	0.00%	4	2.11
<b>North Branch Raritan River - South Branch to Lamington (02030105070)</b>								
010	67.24%	66.37%	60.95%	61.54%	5.05%	19.13%	4	1.76
020	70.26%	74.19%	63.39%	64.47%	6.93%	0.00%	2	1.06
030	74.71%	75.90%	60.42%	60.31%	6.88%	34.84%	0	2.08

Positive value denotes gain  
Negative value denotes loss

Source: Upper Raritan Watershed Association, September 2002

