

Table A-1 Summary of Historical Conversions of Riparian Areas in the Upper Raritan WMA (WMA 8) to Other Land Cover Types											
Upper Raritan WMA (WMA 8) HUC14	HUC14 Area (Acres)	"Historical" Riparian Area 1986 (Acres)	Percentage HUC14 In "Historical" Riparian Area 1986	Riparian Area 1986 (Acres)	Percentage HUC14 In Riparian Area (1986)	"Historical" Riparian Area Converted By 1986 (Acres)	Percentage "Historical" Riparian Area Converted By 1986	Riparian Area Converted Between 1986 - 1995 (Acres)	Percentage Riparian Area Converted Between 1986 - 1995	"Historical" Riparian Area Converted By 1995 (Acres)	Percentage "Historical" Riparian Area Converted By 1995
<b>South Branch Raritan River above Spruce Run (02030105010)</b>											
010	5935.30	1553.74	26.18%	1198.70	20.20%	-355.04	-22.85%	-109.95	-9.17%	-458.66	-29.64%
020	4684.13	1833.43	39.14%	1199.06	25.60%	-634.37	-34.60%	-75.98	-6.34%	-695.33	-38.24%
030	3217.53	1445.42	44.92%	1255.58	39.02%	-189.83	-13.13%	-14.66	-1.17%	-203.72	-14.10%
040	4264.65	1460.51	34.25%	1203.80	28.23%	-256.71	-17.58%	-16.37	-1.36%	-271.33	-18.60%
050	9766.11	3562.57	36.48%	2633.58	26.97%	-928.99	-26.08%	-55.81	-2.12%	-975.04	-27.44%
060	9530.38	2879.11	30.21%	2106.45	22.10%	-772.65	-26.84%	-7.32	-0.35%	-778.29	-27.05%
070	5050.34	865.24	17.13%	595.36	11.79%	-269.88	-31.19%	-2.69	-0.45%	-267.85	-31.13%
080	2961.23	726.92	24.55%	431.28	14.56%	-295.64	-40.67%	15.92	3.69%	-278.93	-38.41%
<b>South Branch Raritan River Three Bridges to Spruce Run (02030105020)</b>											
010	7867.37	1844.80	23.45%	1469.54	18.68%	-375.26	-20.34%	6.69	0.46%	-367.27	-19.92%
020	2056.52	360.97	17.55%	290.20	14.11%	-70.78	-19.61%	-0.64	-0.22%	-71.41	-19.78%
030	9412.95	2662.35	28.28%	2059.68	21.88%	-602.67	-22.64%	-19.15	-0.93%	-616.24	-23.20%
040	7808.14	2964.17	37.96%	2503.74	32.07%	-460.43	-15.53%	27.13	1.08%	-431.98	-14.58%
050	4437.94	1080.62	24.35%	619.66	13.96%	-460.96	-42.66%	2.92	0.47%	-458.04	-42.39%
060	9105.28	2256.53	24.78%	1227.08	13.48%	-1029.46	-45.62%	36.84	3.00%	-979.78	-43.67%
070	5262.93	1530.45	29.08%	1008.18	19.16%	-522.27	-34.13%	34.81	3.45%	-470.23	-31.07%
080	4720.69	1120.09	23.73%	834.82	17.68%	-285.27	-25.47%	-13.68	-1.64%	-290.75	-26.15%
090	7218.23	3387.68	46.93%	3058.45	42.37%	-329.24	-9.72%	-5.80	-0.19%	-324.91	-9.62%
100	13122.00	2934.74	22.37%	1955.09	14.90%	-979.65	-33.38%	20.31	1.04%	-939.87	-32.24%
<b>Neshanic River (02030105030)</b>											
010	3303.50	853.22	25.83%	541.91	16.40%	-311.32	-36.49%	-2.17	-0.40%	-309.15	-36.42%
020	3958.77	1233.72	31.16%	915.00	23.11%	-318.72	-25.83%	1.92	0.21%	-301.79	-24.76%
030	3610.07	860.17	23.83%	460.24	12.75%	-399.93	-46.49%	5.13	1.11%	-392.62	-45.76%
040	3319.79	966.50	29.11%	527.53	15.89%	-438.97	-45.42%	2.18	0.41%	-435.91	-45.14%
050	7473.32	1850.94	24.77%	1073.08	14.36%	-777.86	-42.02%	21.68	2.02%	-752.11	-40.72%
060	13999.69	4402.21	31.45%	2515.31	17.97%	-1886.90	-42.86%	70.52	2.80%	-1802.13	-41.07%
<b>South Branch Raritan River - North Branch to Three Bridges (02030105040)</b>											
010	7622.65	2028.84	26.62%	1174.79	15.41%	-854.05	-42.10%	7.66	0.65%	-842.15	-41.60%
020	6919.01	1380.04	19.95%	822.31	11.88%	-557.72	-40.41%	-12.83	-1.56%	-561.94	-40.97%
030	7965.57	1452.74	18.24%	946.10	11.88%	-506.63	-34.87%	0.40	0.04%	-502.40	-34.67%
040	4267.85	1330.85	31.18%	842.01	19.73%	-488.84	-36.73%	-0.02	0.00%	-481.01	-36.36%
<b>Lamington River (02030105050)</b>											
010	4013.59	1032.66	25.73%	759.69	18.93%	-272.97	-26.43%	-20.88	-2.75%	-291.29	-28.28%
020	7065.50	3170.01	44.87%	2570.27	36.38%	-599.73	-18.92%	-38.00	-1.48%	-636.03	-20.07%
030	3843.05	1517.70	39.49%	1159.77	30.18%	-357.93	-23.58%	-22.23	-1.92%	-376.56	-24.87%
040	5702.52	1602.41	28.10%	1265.70	22.20%	-336.71	-21.01%	-6.64	-0.52%	-341.69	-21.35%
050	3147.94	806.48	25.62%	667.48	21.20%	-139.00	-17.24%	-3.13	-0.47%	-142.14	-17.62%
060	3988.02	847.78	21.26%	403.15	10.11%	-444.63	-52.45%	8.21	2.04%	-436.42	-51.48%
070	8948.02	2586.62	28.91%	1708.64	19.10%	-877.97	-33.94%	15.51	0.91%	-862.46	-33.34%
080	10840.30	2842.71	26.22%	1855.84	17.12%	-986.87	-34.72%	1.41	0.08%	-985.46	-34.67%
090	3262.52	778.99	23.88%	601.67	18.44%	-177.32	-22.76%	-13.73	-2.28%	-191.05	-24.53%
100	7909.93	1642.37	20.76%	1068.40	13.51%	-573.97	-34.95%	-28.95	-2.71%	-601.95	-36.67%
110	4833.25	1596.12	33.02%	1029.89	21.31%	-566.24	-35.48%	9.92	0.96%	-555.70	-34.83%
<b>North Branch Raritan River above Lamington (02030105060)</b>											
010	4280.96	1356.42	31.68%	1099.18	25.68%	-257.24	-18.96%	-22.11	-2.01%	-279.36	-20.60%
020	4253.67	1116.42	26.25%	879.71	20.68%	-236.71	-21.20%	-43.29	-4.92%	-280.00	-25.08%
030	4896.58	1219.98	24.91%	891.78	18.21%	-328.19	-26.90%	-30.93	-3.47%	-359.12	-29.44%
040	4804.69	1280.58	26.65%	927.15	19.30%	-353.43	-27.60%	-7.73	-0.83%	-361.16	-28.20%
050	4228.26	937.42	22.17%	688.90	16.29%	-248.52	-26.51%	-46.78	-6.79%	-289.97	-31.11%
060	3247.95	706.76	21.76%	358.58	11.04%	-348.19	-49.27%	-5.80	-1.62%	-353.99	-50.09%
070	5379.26	1142.54	21.24%	698.83	12.99%	-443.71	-38.84%	-8.96	-1.28%	-452.67	-39.62%
080	4279.21	887.08	20.73%	537.97	12.57%	-349.11	-39.35%	-7.11	-1.32%	-355.38	-40.10%
090	5561.92	1623.12	29.18%	1075.32	19.33%	-547.80	-33.75%	-28.61	-2.66%	-568.74	-35.21%
<b>North Branch Raritan River - South Branch to Lamington (02030105070)</b>											
010	5967.17	1753.26	29.38%	1077.89	18.06%	-675.37	-38.52%	0.90	0.08%	-673.74	-38.44%
020	6582.75	1045.37	15.88%	679.10	10.32%	-366.27	-35.04%	8.62	1.27%	-356.60	-34.15%
030	3801.53	1041.57	27.40%	694.83	18.28%	-346.74	-33.29%	-13.19	-1.90%	-344.19	-33.55%

Positive value denotes gain  
Negative value denotes loss

Source: Upper Raritan Watershed Association, September 2002