

Table A-2 Summary of Historical Conversions of Riparian Areas in the Lower Raritan WMA (WMA 9) to Other Land Cover Types											
Lower Raritan WMA (WMA 9) 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
Lower Raritan River - Millstone to Confluence (02030105080)											
010	6358.43	1334.59	20.99%	634.84	9.98%	-699.75	-52.43%	-26.49	-4.17%	-685.71	-52.99%
020	4501.32	1871.72	41.58%	1083.65	24.07%	-788.06	-42.10%	-14.80	-1.37%	-802.16	-42.87%
030	4921.95	1936.89	39.35%	1202.90	24.44%	-733.99	-37.90%	-43.41	-3.61%	-752.75	-39.36%
Lower Raritan River - Lawrence to Millstone (02030105120)											
010	3989.45	642.53	16.11%	443.98	11.13%	-198.55	-30.90%	-6.55	-1.48%	-205.10	-31.92%
020	1626.17	486.90	29.94%	101.68	6.25%	-385.22	-79.12%	-0.74	-0.72%	-385.95	-79.27%
030	5181.69	956.19	18.45%	434.02	8.38%	-522.17	-54.61%	-28.58	-6.59%	-533.60	-56.82%
040	4453.32	1081.58	24.29%	532.07	11.95%	-549.51	-50.81%	-10.23	-1.92%	-551.84	-51.40%
050	6130.78	1992.47	32.50%	1519.08	24.78%	-473.39	-23.76%	-205.15	-13.50%	-525.35	-28.56%
060	4187.81	1470.76	35.12%	1218.35	29.09%	-252.41	-17.16%	-185.68	-15.24%	-321.98	-23.77%
070	1873.14	585.51	31.26%	310.22	16.56%	-275.29	-47.02%	-3.90	-1.26%	-268.86	-46.74%
080	6163.11	2346.24	38.07%	1567.03	25.43%	-779.21	-33.21%	-189.30	-12.08%	-849.30	-38.14%
090	4583.44	986.51	21.52%	202.47	4.42%	-784.04	-79.48%	-0.96	-0.47%	-784.36	-79.56%
100	4796.94	1590.26	33.15%	888.72	18.53%	-701.54	-44.11%	-61.28	-6.90%	-705.29	-46.02%
110	3287.94	681.86	20.74%	334.16	10.16%	-347.69	-50.99%	-54.98	-16.45%	-351.90	-55.76%
120	5798.58	1486.69	25.64%	966.11	16.66%	-520.58	-35.02%	-97.14	-10.05%	-518.20	-37.36%
130	1898.29	477.59	25.16%	231.15	12.18%	-246.44	-51.60%	-1.56	-0.67%	-247.07	-51.83%
140	5800.98	2550.25	43.96%	1745.83	30.10%	-804.42	-31.54%	-102.95	-5.90%	-819.53	-33.28%
150	3632.84	246.20	6.78%	87.86	2.42%	-158.34	-64.31%	1.35	1.53%	-156.76	-63.73%
160	6868.48	2111.81	30.75%	1509.97	21.98%	-601.85	-28.50%	-225.02	-14.90%	-602.71	-31.93%
170	6100.83	1432.16	23.47%	908.80	14.90%	-523.36	-36.54%	-7.66	-0.84%	-522.12	-36.68%
Lawrence Brook (02030105130)											
010	4696.61	2079.39	44.27%	1701.91	36.24%	-377.48	-18.15%	28.58	1.68%	-341.55	-16.48%
020	3184.94	1548.12	48.61%	1377.47	43.25%	-170.65	-11.02%	-55.82	-4.05%	-215.35	-14.01%
030	3225.40	1789.31	55.48%	1267.65	39.30%	-521.66	-29.15%	-143.10	-11.29%	-646.59	-36.51%
040	4177.00	863.66	20.68%	609.59	14.59%	-254.07	-29.42%	-1.37	-0.22%	-255.14	-29.55%
050	3463.75	1789.32	51.66%	1337.44	38.61%	-451.88	-25.25%	-55.00	-4.11%	-500.55	-28.07%
060	4854.69	1764.61	36.35%	1120.58	23.08%	-644.03	-36.50%	-59.89	-5.34%	-694.68	-39.57%
070	5968.55	1189.87	19.94%	693.11	11.61%	-496.76	-41.75%	-16.83	-2.43%	-509.28	-42.96%
Manalapan Brook (02030105140)											
010	9293.40	3482.08	37.47%	2662.82	28.65%	-819.26	-23.53%	-93.21	-3.50%	-876.98	-25.44%
020	7959.54	5118.35	64.30%	4379.99	55.03%	-738.36	-14.43%	-21.66	-0.49%	-740.00	-14.51%
030	10856.35	3379.46	31.13%	2638.89	24.31%	-740.57	-21.91%	-94.31	-3.57%	-828.61	-24.56%
Matchaponix Brook (02030105150)											
010	4782.74	1580.37	33.04%	1211.10	25.32%	-369.26	-23.37%	-6.88	-0.57%	-364.01	-23.21%
020	5864.07	2026.98	34.57%	1394.65	23.78%	-632.33	-31.20%	-150.16	-10.77%	-694.58	-35.82%
030	3736.39	1444.86	38.67%	844.42	22.60%	-600.43	-41.56%	-101.12	-11.97%	-665.89	-47.25%
040	3795.61	1570.74	41.38%	1099.76	28.97%	-470.98	-29.98%	-228.70	-20.80%	-618.77	-41.53%
050	3906.53	2679.53	68.59%	2356.99	60.33%	-322.54	-12.04%	-88.03	-3.73%	-387.71	-14.59%
060	6235.82	3864.10	61.97%	3121.60	50.06%	-742.50	-19.22%	-99.39	-3.18%	-811.46	-21.17%
Lower Raritan River below Lawrence (02030105160)											
010	4241.71	2364.15	55.74%	1912.92	45.10%	-451.23	-19.09%	-35.73	-1.87%	-452.00	-19.41%
020	3762.08	2450.85	65.15%	2109.55	56.07%	-341.30	-13.93%	-219.74	-10.42%	-508.41	-21.20%
030	4443.19	2594.35	58.39%	2256.80	50.79%	-337.55	-13.01%	-79.39	-3.52%	-385.72	-15.05%
040	2421.11	1322.04	54.60%	1026.87	42.41%	-295.18	-22.33%	-68.56	-6.68%	-339.96	-26.19%
050	3148.28	1166.53	37.05%	718.88	22.83%	-447.64	-38.37%	-24.15	-3.36%	-461.84	-39.93%
060	3509.97	1649.79	47.00%	1433.33	40.84%	-216.46	-13.12%	-17.68	-1.23%	-232.56	-14.11%
070	6919.15	2623.86	37.92%	1950.56	28.19%	-673.30	-25.66%	-112.66	-5.78%	-740.62	-28.72%
080	4100.71	551.44	13.45%	308.24	7.52%	-243.21	-44.10%	-64.49	-20.92%	-296.50	-54.88%
090	3556.12	2187.66	61.52%	1546.37	43.48%	-641.29	-29.31%	-74.68	-4.83%	-711.64	-32.59%
100	10775.01	4845.91	44.97%	3911.36	36.30%	-934.55	-19.29%	-60.75	-1.55%	-993.52	-20.51%
Positive value denotes gain											
Negative value denotes loss											
Source: Upper Raritan Watershed Association, September 2002											