

**Table A-3
Summary of Historical Conversions of Riparian Areas in the Millstone WMA (WMA 10) to Other Land Cover Types**

Millstone WMA (WMA 10) 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
Stony Brook (02030105090)											
010	3561.19	852.36	23.93%	645.46	18.12%	-206.90	-24.27%	20.77	3.22%	-185.83	-21.81%
020	6173.87	2256.97	36.56%	2001.86	32.42%	-255.11	-11.30%	33.54	1.68%	-219.96	-9.75%
030	3664.10	1034.42	28.23%	719.68	19.64%	-314.74	-30.43%	-10.03	-1.39%	-317.00	-30.88%
040	3631.07	773.75	21.31%	488.12	13.44%	-285.63	-36.92%	28.59	5.86%	-257.04	-33.22%
050	6271.86	1811.87	28.89%	1310.78	20.90%	-501.09	-27.66%	31.11	2.37%	-468.10	-25.86%
060	5153.68	1286.80	24.97%	1072.52	20.81%	-214.27	-16.65%	-43.72	-4.08%	-243.58	-19.14%
070	3310.97	1090.94	32.95%	713.79	21.56%	-377.14	-34.57%	-11.86	-1.66%	-384.20	-35.37%
080	3667.51	1524.51	41.57%	1161.69	31.68%	-362.81	-23.80%	-59.25	-5.10%	-399.90	-26.62%
Millstone River above Carnegie Lake (02030105100)											
010	4740.03	1688.90	35.63%	1260.63	26.60%	-428.27	-25.36%	-41.32	-3.28%	-464.22	-27.57%
020	4859.32	3415.35	70.28%	2632.61	54.18%	-782.74	-22.92%	-17.84	-0.68%	-796.88	-23.36%
030	4301.27	2098.31	48.78%	1597.03	37.13%	-501.29	-23.89%	-8.40	-0.53%	-499.95	-23.94%
040	4429.23	1594.35	36.00%	1260.51	28.46%	-333.83	-20.94%	-14.96	-1.19%	-340.42	-21.46%
050	5174.42	2313.08	44.70%	1532.02	29.61%	-781.06	-33.77%	-47.17	-3.08%	-795.13	-34.87%
060	4327.63	1427.66	32.99%	956.45	22.10%	-471.20	-33.01%	0.86	0.09%	-466.60	-32.77%
070	6124.20	3518.71	57.46%	2620.72	42.79%	-898.00	-25.52%	-45.48	-1.74%	-919.12	-26.30%
080	3335.21	881.81	26.44%	597.92	17.93%	-283.89	-32.19%	-1.09	-0.18%	-283.64	-32.21%
090	4780.97	1279.14	26.75%	846.74	17.71%	-432.40	-33.80%	4.41	0.52%	-424.27	-33.27%
100	3701.21	2159.00	58.33%	1854.19	50.10%	-304.81	-14.12%	-23.42	-1.26%	-309.58	-14.46%
110	6782.24	2794.68	41.21%	2269.42	33.46%	-525.26	-18.80%	-21.66	-0.95%	-512.89	-18.58%
120	4157.25	1854.64	44.61%	1234.37	29.69%	-620.26	-33.44%	-13.69	-1.11%	-626.64	-33.92%
130	3771.75	968.34	25.67%	644.01	17.07%	-324.33	-33.49%	-20.30	-3.15%	-319.52	-33.88%
140	2771.06	958.26	34.58%	684.13	24.69%	-274.13	-28.61%	-5.43	-0.79%	-278.65	-29.11%
Millstone River below and including Carnegie Lake (02030105110)											
010	5854.67	2846.63	48.62%	2452.87	41.90%	-393.76	-13.83%	-203.67	-8.30%	-489.60	-17.88%
020	3447.87	777.25	22.54%	481.89	13.98%	-295.35	-38.00%	-18.58	-3.86%	-306.81	-39.84%
030	5135.89	1636.22	31.86%	1269.89	24.73%	-366.33	-22.39%	-51.98	-4.09%	-400.49	-24.75%
040	5037.54	1169.22	23.21%	890.19	17.67%	-279.03	-23.86%	2.11	0.24%	-269.57	-23.20%
050	6492.62	1818.56	28.01%	1190.92	18.34%	-627.63	-34.51%	36.45	3.06%	-577.54	-32.00%
060	3875.69	1105.79	28.53%	1059.50	27.34%	-46.28	-4.19%	-5.98	-0.56%	-51.49	-4.66%
070	2224.10	691.02	31.07%	385.95	17.35%	-305.08	-44.15%	13.96	3.62%	-291.12	-42.13%
080	3709.45	936.66	25.25%	741.74	20.00%	-194.92	-20.81%	-3.89	-0.52%	-198.81	-21.23%
090	3337.62	908.82	27.23%	774.91	23.22%	-133.91	-14.73%	-6.93	-0.89%	-134.42	-14.90%
100	7134.69	1689.19	23.68%	1098.17	15.39%	-591.02	-34.99%	-21.01	-1.91%	-567.59	-34.51%
110	8829.49	2653.02	30.05%	1909.18	21.62%	-743.84	-28.04%	-1.55	-0.08%	-727.46	-27.61%
120	6836.82	2214.67	32.39%	1466.55	21.45%	-748.12	-33.78%	-148.26	-10.11%	-837.53	-38.85%
130	3472.26	913.26	26.30%	582.40	16.77%	-330.86	-36.23%	29.82	5.12%	-287.25	-31.94%
140	3103.60	1014.21	32.68%	752.82	24.26%	-261.39	-25.77%	-11.02	-1.46%	-264.89	-26.31%
150	5641.94	1451.49	25.73%	990.50	17.56%	-460.99	-31.76%	-14.80	-1.49%	-462.44	-32.16%
160	4926.00	1543.58	31.34%	1092.61	22.18%	-450.98	-29.22%	-26.19	-2.40%	-467.06	-30.46%
170	4392.14	2029.32	46.20%	1307.23	29.76%	-722.09	-35.58%	-0.59	-0.05%	-717.80	-35.46%

Positive value denotes gain
Negative value denotes loss

Source: Upper Raritan Watershed Association, September 2002