

**Table B-3
Suitability of Soils for Nonirrigated Agriculture in the Millstone WMA (WMA 10)**

HUC14		No Capability Class		1		2E		2W		2S		3E		3W		3S	
HUC14	HUC14 Area (Acres)	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent
Stony Brook (02030105090)																	
010	3,561.40	9.81	0.28%	0.00	0.00%	1,066.60	29.95%	10.28	0.29%	0.00	0.00%	127.24	3.57%	1,287.60	36.15%	0.00	0.00%
020	6,174.35	9.72	0.16%	7.47	0.12%	1,439.52	23.31%	6.58	0.11%	0.00	0.00%	787.91	12.76%	2,027.76	32.84%	0.00	0.00%
030	3,664.17	20.51	0.56%	139.16	3.80%	1,570.50	42.86%	188.40	5.14%	0.00	0.00%	721.81	19.70%	565.66	15.44%	0.00	0.00%
040	3,631.36	50.11	1.38%	212.28	5.85%	2,024.20	55.74%	217.52	5.99%	0.00	0.00%	327.75	9.03%	403.01	11.10%	0.00	0.00%
050	6,272.08	108.44	1.73%	149.11	2.38%	2,334.69	37.22%	314.92	5.02%	0.00	0.00%	1,224.17	19.52%	1,341.71	21.39%	0.00	0.00%
060	5,153.93	59.60	1.16%	44.33	0.86%	2,266.77	43.98%	261.11	5.07%	0.00	0.00%	810.00	15.72%	496.18	9.63%	0.00	0.00%
070	3,311.14	86.01	2.60%	11.94	0.36%	1,544.66	46.65%	959.49	28.98%	0.00	0.00%	380.98	11.51%	209.42	6.32%	0.00	0.00%
080	3,667.97	43.03	1.17%	286.00	7.80%	709.49	19.34%	575.51	15.69%	276.93	7.55%	193.51	5.28%	704.97	19.22%	171.47	4.67%
Millstone River above Carnegie Lake (02030105100)																	
010	4,740.13	34.65	0.73%	61.63	1.30%	1,816.87	38.33%	166.96	3.52%	1.18	0.02%	470.26	9.92%	13.98	0.29%	453.99	9.58%
020	4,859.39	4.38	0.09%	45.26	0.93%	421.57	8.68%	1,225.12	25.21%	196.74	4.05%	224.01	4.61%	486.59	10.01%	351.22	7.23%
030	4,301.28	2.86	0.07%	71.85	1.67%	1,216.52	28.28%	1,459.88	33.94%	13.91	0.32%	160.67	3.74%	171.63	3.99%	41.26	0.96%
040	4,429.45	53.61	1.21%	7.80	0.18%	1,178.61	26.61%	244.62	5.52%	109.53	2.47%	523.19	11.81%	58.77	1.33%	395.19	8.92%
050	5,174.45	42.03	0.81%	79.20	1.53%	1,783.21	34.46%	667.94	12.91%	10.83	0.21%	301.37	5.82%	855.84	16.54%	218.35	4.22%
060	4,327.65	1.43	0.03%	343.35	7.93%	1,540.41	35.59%	808.69	18.69%	72.61	1.68%	503.71	11.64%	244.62	5.65%	98.80	2.28%
070	6,124.22	6.26	0.10%	205.27	3.35%	1,712.35	27.96%	1,461.35	23.86%	67.65	1.10%	330.17	5.39%	319.06	5.21%	107.42	1.75%
080	3,335.24	18.09	0.54%	193.41	5.80%	1,329.25	39.85%	1,207.55	36.21%	0.00	0.00%	143.83	4.31%	0.00	0.00%	0.00	0.00%
090	4,780.97	121.47	2.54%	455.81	9.53%	2,301.42	48.14%	1,069.28	22.37%	40.76	0.85%	195.04	4.08%	29.65	0.62%	8.84	0.18%
100	3,701.25	14.25	0.39%	715.48	19.33%	558.27	15.08%	1,315.48	35.54%	0.00	0.00%	39.31	1.06%	3.64	0.10%	0.00	0.00%
110	6,782.29	27.33	0.40%	1,121.08	16.53%	1,343.72	19.81%	2,257.12	33.28%	5.21	0.08%	56.29	0.83%	215.28	3.17%	0.00	0.00%
120	4,157.41	0.00	0.00%	323.80	7.79%	1,780.94	42.84%	286.98	6.90%	0.00	0.00%	419.96	10.10%	894.59	21.52%	19.05	0.46%
130	3,771.82	61.42	1.63%	668.76	17.73%	1,287.27	34.13%	214.79	5.69%	0.00	0.00%	603.96	16.01%	222.10	5.89%	123.06	3.26%
140	2,771.09	41.26	1.49%	149.57	5.40%	371.29	13.40%	313.44	11.31%	369.04	13.32%	48.52	1.75%	508.50	18.35%	350.28	12.64%
Millstone River below and including Carnegie Lake (02030105110)																	
010	5,854.67	10.76	0.18%	219.53	3.75%	1,183.85	20.22%	1,495.43	25.54%	55.00	0.94%	59.89	1.02%	1,164.13	19.88%	0.00	0.00%
020	3,447.86	150.76	4.37%	128.23	3.72%	1,769.39	51.32%	320.64	9.30%	114.45	3.32%	164.46	4.77%	279.66	8.11%	0.00	0.00%
030	5,135.94	77.22	1.50%	28.87	0.56%	1,588.71	30.93%	436.71	8.50%	73.63	1.43%	466.30	9.08%	908.52	17.69%	0.00	0.00%
040	5,037.53	5.63	0.11%	31.42	0.62%	1,763.75	35.01%	171.96	3.41%	0.00	0.00%	1,086.30	21.56%	1,285.81	25.52%	0.00	0.00%
050	6,492.60	7.67	0.12%	22.01	0.34%	2,702.79	41.63%	585.83	9.02%	11.08	0.17%	1,537.82	23.69%	1,141.08	17.58%	0.00	0.00%
060	3,875.71	1.11	0.03%	0.00	0.00%	119.83	3.09%	115.53	2.98%	0.00	0.00%	758.93	19.58%	827.98	21.36%	0.00	0.00%
070	2,224.10	8.00	0.36%	0.00	0.00%	549.86	24.72%	153.35	6.89%	0.00	0.00%	821.55	36.94%	388.16	17.45%	0.00	0.00%
080	3,709.43	0.67	0.02%	0.00	0.00%	882.93	23.80%	260.83	7.03%	0.00	0.00%	1,153.99	31.11%	914.00	24.64%	0.00	0.00%
090	3,337.62	0.00	0.00%	0.00	0.00%	813.23	24.37%	191.89	5.75%	0.00	0.00%	989.45	29.65%	517.29	15.50%	0.00	0.00%
100	7,134.71	8.39	0.12%	0.00	0.00%	3,198.62	44.83%	979.32	13.73%	209.69	2.94%	1,633.00	22.89%	621.62	8.71%	0.00	0.00%
110	8,829.51	115.66	1.31%	51.75	0.59%	3,238.47	36.68%	1,580.12	17.90%	162.58	1.84%	1,948.37	22.07%	817.38	9.26%	286.70	3.25%
120	6,836.90	11.77	0.17%	0.00	0.00%	2,653.56	38.81%	1,279.36	18.71%	203.63	2.98%	679.06	9.93%	1,250.89	18.30%	153.91	2.25%
130	3,472.28	0.00	0.00%	0.00	0.00%	2,014.53	58.02%	330.40	9.52%	0.00	0.00%	682.04	19.64%	286.89	8.26%	0.00	0.00%
140	3,103.61	37.91	1.22%	0.00	0.00%	1,509.21	48.63%	464.42	14.96%	16.19	0.52%	767.62	24.73%	184.50	5.94%	0.00	0.00%
150	5,641.98	8.31	0.15%	0.00	0.00%	2,442.09	43.28%	772.59	13.69%	62.71	1.11%	1,130.34	20.03%	887.88	15.74%	0.00	0.00%
160	4,926.01	5.90	0.12%	19.02	0.39%	2,405.61	48.83%	549.92	11.16%	49.51	1.01%	419.21	8.51%	1,054.22	21.40%	0.00	0.00%
170	4,392.16	97.69	2.22%	124.02	2.82%	2,491.35	56.72%	662.66	15.09%	78.49	1.79%	514.76	11.72%	379.23	8.63%	0.00	0.00%

Source: Upper Raritan Watershed Association, July 2001

**Table B-3
Suitability of Soils for Nonirrigated Agriculture in the Millstone WMA (WMA 10)**

HUC14	4E		4W		4S		5E		5W		5S		6E		6W		6S	
	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent
Stony Brook (02030105090)																		
010	2.69	0.08%	20.93	0.59%	0.00	0.00%	0.00	0.00%	70.88	1.99%	0.00	0.00%	0.00	0.00%	0.00	0.00%	247.88	6.96%
020	35.81	0.58%	40.15	0.65%	0.00	0.00%	0.00	0.00%	145.89	2.36%	0.00	0.00%	0.00	0.00%	290.80	4.71%	571.54	9.26%
030	65.09	1.78%	0.00	0.00%	0.00	0.00%	0.00	0.00%	141.38	3.86%	0.00	0.00%	0.00	0.00%	94.91	2.59%	62.28	1.70%
040	35.04	0.97%	0.00	0.00%	0.00	0.00%	0.00	0.00%	180.90	4.98%	0.00	0.00%	2.86	0.08%	16.73	0.46%	63.65	1.75%
050	23.41	0.37%	0.00	0.00%	0.00	0.00%	0.00	0.00%	223.91	3.57%	0.00	0.00%	109.18	1.74%	239.95	3.83%	119.64	1.91%
060	121.31	2.35%	0.00	0.00%	0.00	0.00%	0.00	0.00%	117.71	2.28%	0.00	0.00%	123.86	2.40%	131.29	2.55%	490.69	9.52%
070	25.86	0.78%	0.00	0.00%	0.00	0.00%	0.00	0.00%	42.85	1.29%	0.00	0.00%	4.36	0.13%	3.32	0.10%	0.00	0.00%
080	80.21	2.19%	79.77	2.17%	7.24	0.20%	0.00	0.00%	263.20	7.18%	0.00	0.00%	0.00	0.00%	65.89	1.80%	0.00	0.00%
Millstone River above Carnegie Lake (02030105100)																		
010	265.53	5.60%	404.96	8.54%	233.64	4.93%	0.00	0.00%	323.17	6.82%	0.00	0.00%	139.51	2.94%	0.00	0.00%	0.00	0.00%
020	117.82	2.42%	1,238.37	25.48%	97.94	2.02%	0.00	0.00%	266.46	5.48%	0.00	0.00%	121.78	2.51%	0.00	0.00%	0.00	0.00%
030	51.71	1.20%	675.39	15.70%	11.39	0.26%	0.00	0.00%	235.08	5.47%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
040	248.68	5.61%	461.22	10.41%	171.95	3.88%	0.00	0.00%	268.04	6.05%	0.00	0.00%	269.17	6.08%	0.00	0.00%	0.00	0.00%
050	175.49	3.39%	282.63	5.46%	50.93	0.98%	0.00	0.00%	267.58	5.17%	0.00	0.00%	0.00	0.00%	30.15	0.58%	0.00	0.00%
060	63.18	1.46%	20.51	0.47%	58.59	1.35%	0.00	0.00%	251.42	5.81%	0.00	0.00%	0.00	0.00%	1.35	0.03%	0.00	0.00%
070	34.97	0.57%	1,575.80	25.73%	3.81	0.06%	0.00	0.00%	284.29	4.64%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
080	0.00	0.00%	214.40	6.43%	0.00	0.00%	0.00	0.00%	81.48	2.44%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
090	0.00	0.00%	224.48	4.70%	0.00	0.00%	0.00	0.00%	182.45	3.82%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
100	0.00	0.00%	924.25	24.97%	0.00	0.00%	0.00	0.00%	110.07	2.97%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
110	0.00	0.00%	1,312.67	19.35%	0.00	0.00%	0.00	0.00%	74.48	1.10%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
120	54.09	1.30%	85.17	2.05%	6.77	0.16%	0.00	0.00%	132.48	3.19%	0.00	0.00%	0.00	0.00%	76.77	1.85%	0.00	0.00%
130	158.24	4.20%	10.53	0.28%	13.74	0.36%	0.00	0.00%	103.57	2.75%	0.00	0.00%	0.00	0.00%	54.81	1.45%	0.00	0.00%
140	2.84	0.10%	84.38	3.04%	4.12	0.15%	0.00	0.00%	91.39	3.30%	0.00	0.00%	0.00	0.00%	1.43	0.05%	0.00	0.00%
Millstone River below and including Carnegie Lake (02030105110)																		
010	41.13	0.70%	316.57	5.41%	0.00	0.00%	0.00	0.00%	215.86	3.69%	0.00	0.00%	0.01	0.00%	0.00	0.00%	734.32	12.54%
020	6.91	0.20%	1.37	0.04%	0.00	0.00%	0.00	0.00%	137.30	3.98%	0.00	0.00%	43.13	1.25%	61.26	1.78%	203.34	5.90%
030	32.60	0.63%	66.15	1.29%	0.00	0.00%	0.00	0.00%	50.61	0.99%	0.00	0.00%	39.53	0.77%	6.46	0.13%	853.69	16.62%
040	63.12	1.25%	19.12	0.38%	0.00	0.00%	0.00	0.00%	37.10	0.74%	0.00	0.00%	34.55	0.69%	206.77	4.10%	222.99	4.43%
050	74.55	1.15%	74.03	1.14%	0.00	0.00%	0.00	0.00%	88.62	1.36%	0.00	0.00%	68.22	1.05%	21.98	0.34%	84.28	1.30%
060	73.20	1.89%	58.89	1.52%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	142.27	3.67%	118.42	3.06%	1,507.48	38.90%
070	113.79	5.12%	136.85	6.15%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	52.53	2.36%	0.00	0.00%	0.00	0.00%
080	0.00	0.00%	267.57	7.21%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	180.70	4.87%	0.00	0.00%	48.74	1.31%
090	0.00	0.00%	31.04	0.93%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	161.39	4.84%	0.00	0.00%	555.55	16.65%
100	31.84	0.45%	220.86	3.10%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	231.36	3.24%	0.00	0.00%	0.00	0.00%
110	0.00	0.00%	35.04	0.40%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	225.73	2.56%	0.00	0.00%	235.55	2.67%
120	22.34	0.33%	199.27	2.91%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	117.14	1.71%	0.00	0.00%	0.00	0.00%
130	0.00	0.00%	49.42	1.42%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	109.01	3.14%	0.00	0.00%	0.00	0.00%
140	0.00	0.00%	42.74	1.38%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	81.02	2.61%	0.00	0.00%	0.00	0.00%
150	0.00	0.00%	281.20	4.98%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	11.12	0.20%	0.00	0.00%	0.00	0.00%
160	0.00	0.00%	208.17	4.23%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	6.01	0.12%	0.00	0.00%	0.00	0.00%
170	0.00	0.00%	40.89	0.93%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	3.07	0.07%	0.00	0.00%	0.00	0.00%

**Table B-3
Suitability of Soils for Nonirrigated Agriculture in the Millstone WMA (WMA 10)**

HUC14	7E		7W		7S		8E		8W		8S	
	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent	Area (Acres)	Percent
Stony Brook (02030105090)												
010	0.00	0.00%	0.00	0.00%	717.47	20.15%	0.00	0.00%	0.00	0.00%	0.00	0.00%
020	0.00	0.00%	0.00	0.00%	811.21	13.14%	0.00	0.00%	0.00	0.00%	0.00	0.00%
030	0.00	0.00%	0.00	0.00%	87.16	2.38%	0.00	0.00%	0.00	0.00%	7.28	0.20%
040	0.00	0.00%	0.00	0.00%	57.74	1.59%	0.00	0.00%	0.00	0.00%	39.56	1.09%
050	0.00	0.00%	0.00	0.00%	82.94	1.32%	0.00	0.00%	0.00	0.00%	0.00	0.00%
060	0.00	0.00%	0.00	0.00%	231.04	4.48%	0.00	0.00%	0.00	0.00%	0.00	0.00%
070	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	42.25	1.28%
080	0.00	0.00%	8.55	0.23%	179.48	4.89%	0.00	0.00%	0.00	0.00%	22.67	0.62%
Millstone River above Carnegie Lake (02030105100)												
010	73.46	1.55%	0.00	0.00%	242.80	5.12%	0.00	0.00%	0.00	0.00%	37.49	0.79%
020	0.00	0.00%	33.77	0.69%	25.98	0.53%	0.00	0.00%	0.00	0.00%	2.38	0.05%
030	0.00	0.00%	31.38	0.73%	39.13	0.91%	0.00	0.00%	0.00	0.00%	118.63	2.76%
040	116.92	2.64%	0.00	0.00%	235.21	5.31%	0.00	0.00%	0.00	0.00%	86.90	1.96%
050	8.45	0.16%	0.00	0.00%	287.56	5.56%	0.00	0.00%	0.00	0.00%	112.88	2.18%
060	0.00	0.00%	130.69	3.02%	173.00	4.00%	0.00	0.00%	0.00	0.00%	15.31	0.35%
070	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	15.80	0.26%
080	0.00	0.00%	0.00	0.00%	36.25	1.09%	0.00	0.00%	0.00	0.00%	110.97	3.33%
090	0.00	0.00%	4.61	0.10%	31.73	0.66%	0.00	0.00%	0.00	0.00%	115.45	2.41%
100	0.00	0.00%	0.00	0.00%	12.87	0.35%	0.00	0.00%	0.00	0.00%	7.61	0.21%
110	0.00	0.00%	20.15	0.30%	16.74	0.25%	0.00	0.00%	0.00	0.00%	332.19	4.90%
120	0.00	0.00%	0.00	0.00%	6.86	0.17%	0.00	0.00%	0.00	0.00%	69.89	1.68%
130	0.00	0.00%	32.31	0.86%	194.81	5.16%	0.00	0.00%	0.00	0.00%	22.45	0.60%
140	0.00	0.00%	191.65	6.92%	134.13	4.84%	0.00	0.00%	0.00	0.00%	109.26	3.94%
Millstone River below and including Carnegie Lake (02030105110)												
010	0.00	0.00%	39.79	0.68%	302.02	5.16%	0.00	0.00%	0.00	0.00%	16.39	0.28%
020	0.00	0.00%	0.00	0.00%	66.96	1.94%	0.00	0.00%	0.00	0.00%	0.00	0.00%
030	0.00	0.00%	0.00	0.00%	157.97	3.08%	0.00	0.00%	0.00	0.00%	348.98	6.79%
040	0.00	0.00%	0.00	0.00%	109.02	2.16%	0.00	0.00%	0.00	0.00%	0.00	0.00%
050	0.00	0.00%	0.00	0.00%	72.64	1.12%	0.00	0.00%	0.00	0.00%	0.00	0.00%
060	0.00	0.00%	0.00	0.00%	151.06	3.90%	0.00	0.00%	0.00	0.00%	1.00	0.03%
070	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
080	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
090	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	77.78	2.33%
100	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
110	0.00	0.00%	0.00	0.00%	36.97	0.42%	0.00	0.00%	0.00	0.00%	95.18	1.08%
120	0.00	0.00%	0.00	0.00%	30.44	0.45%	0.00	0.00%	0.00	0.00%	235.54	3.45%
130	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
140	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%
150	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	45.74	0.81%
160	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	208.45	4.23%
170	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%