

## APPENDIX A

### TABLE C-1. LAND USE AREAS (ACRES) FOR MS4 MUNICIPALITIES IN BRANDYWINE CREEK WATERSHED

*(Total Maximum Daily Loads for Bacteria and Sediment in the Christina River Basin, Pennsylvania, Delaware, and Maryland. September 2006. U.S. Environmental Protection Agency, Philadelphia, PA.)*



## Appendix C

### Land Use Areas and Allocations for MS4 Municipalities in Christina River Basin

**Table C-1. Land Use Areas (acres) for MS4 Municipalities in Brandywine Creek Watershed**

HSPF Subbasin	MS4 Municipality	Residential	Agriculture	Open Land	Forest	Water	Urban	MS4 Total	Subbasin Total	MS4 Ratio
B01	HONEY BROOK BORO	175.55	117.03	0.00	0.00	0.00	19.51	312.08	11766.82	0.0265
B01	HONEY BROOK TWP	429.11	6612.23	0.00	1501.89	19.51	370.60	8933.33	11766.82	0.7592
B01	WEST CALN TWP	78.02	0.00	0.00	370.60	0.00	19.51	468.12	11766.82	0.0398
B02	HONEY BROOK TWP	253.57	78.02	0.00	819.21	0.00	19.51	1170.31	4720.88	0.2479
B02	WEST BRANDYWINE TWP	448.62	663.17	0.00	741.19	19.51	78.02	1950.51	4720.88	0.4132
B02	WEST CALN TWP	351.09	624.16	19.51	585.15	19.51	19.51	1618.92	4720.88	0.3429
B03	COATESVILLE CITY	0.00	0.00	0.00	39.01	0.00	0.00	39.01	4324.94	0.0090
B03	VALLEY TWP	19.51	58.52	0.00	58.52	0.00	58.52	195.05	4324.94	0.0451
B03	WEST BRANDYWINE TWP	760.70	702.18	0.00	663.17	0.00	19.51	2145.56	4324.94	0.4961
B03	WEST CALN TWP	253.57	487.63	19.51	643.67	19.51	39.01	1462.88	4324.94	0.3382
B04	COATESVILLE CITY	19.51	0.00	0.00	175.55	0.00	39.01	234.06	519.99	0.4501
B04	VALLEY TWP	19.51	39.01	0.00	234.06	0.00	19.51	312.08	519.99	0.6002
B05	COATESVILLE CITY	487.63	0.00	19.51	117.03	0.00	312.08	936.24	5644.14	0.1659
B05	EAST FALLOWFIELD TWP	136.54	331.59	0.00	565.65	0.00	156.04	1189.81	5644.14	0.2108
B05	MODENA BORO	19.51	0.00	0.00	39.01	19.51	0.00	78.02	5644.14	0.0138
B05	SADSBURY TWP	19.51	58.52	0.00	19.51	0.00	19.51	117.03	5644.14	0.0207
B05	VALLEY TWP	331.59	585.15	19.51	604.66	19.51	468.12	2028.53	5644.14	0.3594
B06	EAST FALLOWFIELD TWP	916.74	1404.37	39.01	1443.38	0.00	136.54	3940.03	5159.73	0.7636
B06	MODENA BORO	19.51	39.01	0.00	39.01	0.00	58.52	156.04	5159.73	0.0302
B06	NEWLIN TWP	0.00	58.52	0.00	175.55	0.00	39.01	273.07	5159.73	0.0529
B06	WEST BRADFORD TWP	136.54	351.09	0.00	234.06	0.00	0.00	721.69	5159.73	0.1399
B07	EAST MARLBOROUGH TWP	39.01	429.11	0.00	156.04	0.00	0.00	624.16	8616.54	0.0724
B07	NEWLIN TWP	292.58	2867.25	0.00	2594.18	97.53	273.07	6124.60	8616.54	0.7108
B07	POCOPSON TWP	39.01	195.05	0.00	117.03	0.00	19.51	370.60	8616.54	0.0430
B07	WEST BRADFORD TWP	195.05	507.13	0.00	546.14	0.00	175.55	1423.87	8616.54	0.1652
B08	EAST BRADFORD TWP	78.02	429.11	0.00	214.56	19.51	0.00	741.19	2314.42	0.3203
B08	POCOPSON TWP	0.00	526.64	0.00	195.05	19.51	0.00	741.19	2314.42	0.3203
B08	WEST BRADFORD TWP	136.54	487.63	0.00	195.05	0.00	39.01	858.22	2314.42	0.3708
B09	HONEY BROOK TWP	292.58	2711.21	0.00	916.74	273.07	39.01	4232.60	9397.55	0.4504
B09	WALLACE TWP	39.01	97.53	0.00	234.06	0.00	39.01	409.61	9397.55	0.0436
B10	EAST BRANDYWINE TWP	819.21	819.21	19.51	819.21	19.51	19.51	2516.16	11721.04	0.2147
B10	HONEY BROOK TWP	58.52	19.51	0.00	58.52	39.01	39.01	214.56	11721.04	0.0183
B10	UPPER UWCHLAN TWP	97.53	195.05	0.00	195.05	0.00	19.51	507.13	11721.04	0.0433
B10	WALLACE TWP	702.18	1794.47	58.52	2633.19	0.00	175.55	5363.90	11721.04	0.4576
B10	WEST BRANDYWINE TWP	409.61	819.21	19.51	741.19	19.51	78.02	2087.04	11721.04	0.1781
B11	EAST BRANDYWINE TWP	214.56	331.59	0.00	546.14	0.00	0.00	1092.29	4039.89	0.2704
B11	UPPER UWCHLAN TWP	0.00	19.51	0.00	78.02	0.00	0.00	97.53	4039.89	0.0241
B11	UWCHLAN TWP	663.17	916.74	39.01	936.24	0.00	253.57	2808.73	4039.89	0.6952
B12	DOWNINGTOWN BORO	156.04	39.01	39.01	39.01	19.51	58.52	351.09	2369.53	0.1482
B12	EAST BRANDYWINE TWP	156.04	58.52	0.00	136.54	19.51	19.51	390.10	2369.53	0.1646

HSPF Subbasin	MS4 Municipality	Residential	Agriculture	Open Land	Forest	Water	Urban	MS4 Total	Subbasin Total	MS4 Ratio
B12	EAST CALN TWP	195.05	39.01	0.00	292.58	0.00	19.51	546.14	2369.53	0.2305
B12	UWCHLAN TWP	312.08	0.00	0.00	331.59	0.00	19.51	663.17	2369.53	0.2799
B13	DOWNINGTOWN BORO	253.57	136.54	0.00	117.03	0.00	234.06	741.19	5084.19	0.1458
B13	EAST BRADFORD TWP	39.01	136.54	0.00	409.61	19.51	0.00	604.66	5084.19	0.1189
B13	EAST CALN TWP	273.07	234.06	117.03	351.09	0.00	214.56	1189.81	5084.19	0.2340
B13	WEST BRADFORD TWP	702.18	253.57	0.00	1404.37	0.00	156.04	2516.16	5084.19	0.4949
B14	EAST BRADFORD TWP	1072.78	1931.00	97.53	1131.30	97.53	156.04	4486.17	8268.16	0.5426
B14	WEST BRADFORD TWP	97.53	526.64	0.00	487.63	0.00	78.02	1189.81	8268.16	0.1439
B14	WEST GOSHEN TWP	663.17	214.56	19.51	838.72	19.51	195.05	1950.51	8268.16	0.2359
B15	BIRMINGHAM TWP	546.14	741.19	117.03	136.54	19.51	136.54	1696.94	6631.34	0.2559
B15	EAST BRADFORD TWP	526.64	604.66	19.51	351.09	0.00	117.03	1618.92	6631.34	0.2441
B15	PENNSBURY TWP	0.00	19.51	0.00	0.00	0.00	0.00	19.51	6631.34	0.0029
B15	POCOPSON TWP	136.54	663.17	0.00	234.06	97.53	58.52	1189.81	6631.34	0.1794
B15	THORNBURY TWP	0.00	331.59	0.00	97.53	0.00	19.51	448.62	6631.34	0.0677
B15	WEST GOSHEN TWP	253.57	0.00	58.52	78.02	0.00	19.51	409.61	6631.34	0.0618
B16	BIRMINGHAM TWP	585.15	780.20	0.00	780.20	39.01	58.52	2243.09	8996.74	0.2493
B16	KENNETT TWP	351.09	214.56	0.00	117.03	0.00	58.52	741.19	8996.74	0.0824
B16	PENNSBURY TWP	975.25	760.70	0.00	1228.82	39.01	78.02	3081.80	8996.74	0.3425
B16	THORNBURY TWP	0.00	0.00	0.00	19.51	0.00	0.00	19.51	8996.74	0.0022
B17	KENNETT TWP	78.02	0.00	0.00	58.52	0.00	0.00	136.54	4804.91	0.0284
B17	PENNSBURY TWP	370.60	936.24	0.00	1326.35	58.52	0.00	2691.70	4804.91	0.5602
B18	PENNSBURY TWP	0.00	10.51	0.00	19.51	19.51	0.00	58.52	6636.33	0.0088
B18	New Castle Co., DE	541.70	906.34	622.35	1630.53	47.00	518.45	4266.37	6636.33	0.6429
B19	Wilmington, DE	3.59	0.00	7.18	14.36	1.80	3.59	30.53	5534.18	0.0055
B19	New Castle Co., DE	1152.14	228.80	2220.40	898.84	54.03	949.45	5503.65	5534.18	0.9945
B20	EAST FALLOWFIELD TWP	585.15	2165.07	0.00	1111.79	19.51	117.03	3998.54	16344.14	0.2446
B20	HIGHLAND TWP	136.54	3744.98	0.00	1482.39	19.51	234.06	5617.47	16344.14	0.3437
B20	PARKESBURG BORO	429.11	97.53	0.00	97.53	0.00	136.54	760.70	16344.14	0.0465
B20	SADSBURY TWP	507.13	2048.03	0.00	975.25	0.00	312.08	3842.50	16344.14	0.2351
B20	WEST CALN TWP	58.52	273.07	0.00	195.05	0.00	19.51	546.14	16344.14	0.0334
B21	HIGHLAND TWP	78.02	2594.18	0.00	253.57	19.51	58.52	3003.78	7074.39	0.4246
B22	EAST FALLOWFIELD TWP	0.00	19.51	0.00	0.00	0.00	0.00	19.51	7013.14	0.0028
B22	EAST MARLBOROUGH TWP	0.00	234.06	0.00	97.53	0.00	0.00	331.59	7013.14	0.0473
B23	EAST FALLOWFIELD TWP	0.00	351.09	0.00	273.07	0.00	0.00	624.16	1245.87	0.5010
B23	NEWLIN TWP	0.00	331.59	0.00	292.58	0.00	0.00	624.16	1245.87	0.5010
B24	WEST BRADFORD TWP	364.17	19.51	0.00	0.00	0.00	0.00	383.68	383.68	1.0000
B25	NEWLIN TWP	39.01	39.01	0.00	0.00	0.00	0.00	78.02	3733.70	0.0209
B25	WEST BRADFORD TWP	936.24	1443.38	19.51	1111.79	0.00	175.55	3686.46	3733.70	0.9873
B26	WALLACE TWP	78.02	97.53	0.00	273.07	0.00	39.01	487.63	1673.35	0.2914
B27	UPPER UWCHLAN TWP	1404.37	1306.84	78.02	1599.42	565.65	273.07	5227.36	6837.84	0.7645
B27	UWCHLAN TWP	0.00	0.00	0.00	39.01	0.00	0.00	39.01	6837.84	0.0057
B27	WALLACE TWP	175.55	195.05	0.00	292.58	19.51	19.51	702.18	6837.84	0.1027
B28	UWCHLAN TWP	741.19	19.51	39.01	136.54	0.00	58.52	994.76	1537.60	0.6470
B29	EAST BRADFORD TWP	526.64	448.62	39.01	1228.82	0.00	97.53	2340.61	11653.36	0.2009
B29	EAST CALN TWP	39.01	39.01	78.02	214.56	39.01	273.07	682.68	11653.36	0.0586
B29	UWCHLAN TWP	156.04	19.51	0.00	78.02	0.00	19.51	273.07	11653.36	0.0234

HSPF Subbasin	MS4 Municipality	Residential	Agriculture	Open Land	Forest	Water	Urban	MS4 Total	Subbasin Total	MS4 Ratio
B29	WEST GOSHEN TWP	409.61	78.02	0.00	195.05	0.00	39.01	721.69	11653.36	0.0619
B30	DOWNINGTOWN BORO	214.56	19.51	0.00	39.01	0.00	19.51	292.58	11568.11	0.0253
B30	EAST BRANDYWINE TWP	936.24	1404.37	0.00	780.20	0.00	136.54	3257.35	11568.11	0.2816
B30	EAST FALLOWFIELD TWP	39.01	117.03	0.00	39.01	0.00	19.51	214.56	11568.11	0.0185
B30	WEST BRADFORD TWP	273.07	214.56	0.00	546.14	0.00	39.01	1072.78	11568.11	0.0927
B30	WEST BRANDYWINE TWP	351.09	1287.34	39.01	507.13	0.00	39.01	2223.58	11568.11	0.1922
B31	EAST MARLBOROUGH TWP	663.17	799.71	78.02	253.57	0.00	19.51	1813.97	5883.50	0.3083
B31	NEWLIN TWP	39.01	468.12	0.00	97.53	0.00	19.51	624.16	5883.50	0.1061
B31	PENNSBURY TWP	58.52	351.09	0.00	136.54	0.00	0.00	546.14	5883.50	0.0928
B31	POCOPSON TWP	780.20	1365.36	0.00	741.19	19.51	78.02	2984.28	5883.50	0.5072
B32	WEST CALN TWP	429.11	1033.77	0.00	1460.59	0.00	58.52	2981.99	2981.99	1.0000
B33	SADSBURY TWP	39.01	19.51	0.00	19.51	0.00	0.00	78.02	5139.05	0.0152
B33	VALLEY TWP	214.56	331.59	19.51	487.63	0.00	175.55	1228.82	5139.05	0.2391
B33	WEST CALN TWP	643.67	1794.47	97.53	1014.26	117.03	117.03	3783.99	5139.05	0.7363
B34	Wilmington, DE	817.01	0.00	360.92	154.42	98.76	1086.4	2517.46	3873.14	0.6500
B34	New Castle Co., DE	152.60	60.27	9.58	222.06	1.52	909.65	1355.68	3873.14	0.3500
B35	WALLACE TWP	58.52	156.04	0.00	351.09	0.00	39.01	604.66	3713.47	0.1628

Note: MS4 Total = total land area in MS4 municipality  
Subbasin Total = total land area of HSPF subbasin  
MS4 Ratio = MS4 Total / Subbasin Total

## APPENDIX B

TABLE C-5a. SEDIMENT MS4 LOAD ALLOCATIONS IN BRANDYWINE CREEK WATERSHED

TABLE C-5b. SEDIMENT BASELINE MS4 LOADS IN BRANDYWINE CREEK WATERSHED

TABLE C-5c. SEDIMENT MS4 REDUCTIONS FOR BRANDYWINE CREEK WATERSHED

(Total Maximum Daily Loads for Bacteria and Sediment in the Christina River Basin, Pennsylvania, Delaware, and Maryland. September 2006. U.S Environmental Protection Agency, Philadelphia, PA.)

**Table C-5a. Sediment MS4 load allocations in Brandywine Creek Watershed**

Township	Subbasin	Residential (ton/yr)	Agricultural (ton/yr)	Open (ton/yr)	Forested (ton/yr)	Wetland (ton/yr)	Urban (ton/yr)	Sub-Total (ton/yr)	Total (ton/yr)
BIRMINGHAM TWP	B15	15.64	104.33	3.35	3.11	0.00	3.91	130.35	130.35
COATESVILLE CITY	B04	1.00	0.00	0.00	13.88	0.00	1.00	15.88	86.06
COATESVILLE CITY	B05	33.82	0.00	1.60	9.25	0.00	25.52	70.19	
EAST BRADFORD TWP	B14	33.05	279.61	3.00	29.47	0.03	4.81	349.98	467.17
EAST BRADFORD TWP	B15	16.23	87.61	0.60	9.15	0.00	3.61	117.19	426.42
EAST FALLOWFIELD TWP	B05	3.57	48.10	0.00	6.69	0.00	3.94	62.30	
EAST FALLOWFIELD TWP	B06	18.72	154.29	0.73	17.08	0.00	3.30	194.12	
EAST FALLOWFIELD TWP	B20	11.02	143.62	0.00	13.15	0.00	2.20	170.00	139.44
EAST MARLBOROUGH TWP	B31	19.09	111.14	2.25	6.40	0.00	0.56	139.44	
HIGHLAND TWP	B20	1.66	224.63	0.00	9.71	0.00	2.85	238.86	238.86
HONEY BROOK BORO	B01	2.98	9.93	0.00	0.00	0.00	0.33	13.23	13.23
HONEY BROOK TWP	B01	4.94	377.82	0.00	8.39	0.00	4.26	395.42	558.76
HONEY BROOK TWP	B09	3.37	154.39	0.00	5.12	0.02	0.45	163.34	
MODENA BORO	B05	0.13	0.00	0.00	1.14	0.01	0.00	1.27	12.46
MODENA BORO	B06	0.76	7.00	0.00	1.14	0.00	2.29	11.19	
NEWLIN TWP	B06	0.00	4.42	0.00	2.99	0.00	0.82	8.24	59.59
NEWLIN TWP	B31	0.82	48.45	0.00	1.66	0.00	0.41	51.35	
PARKESBURG BORO	B20	12.78	13.93	0.00	1.56	0.00	4.07	32.35	32.35
PENNSBURY TWP	B15	0.00	2.17	0.00	0.00	0.00	0.00	2.17	43.48
PENNSBURY TWP	B31	1.30	37.36	0.00	2.65	0.00	0.00	41.31	
POCOPSON TWP	B15	3.80	88.92	0.00	5.56	0.02	1.63	99.93	320.79
POCOPSON TWP	B31	21.72	179.34	0.00	17.61	0.00	2.17	220.85	
SADSBURY TWP	B05	0.29	4.23	0.00	0.16	0.00	0.29	4.96	172.13
SADSBURY TWP	B20	7.45	147.10	0.00	8.03	0.00	4.58	167.17	
THORNBURY TWP	B15	0.00	32.50	0.00	1.56	0.00	0.39	34.46	34.46
VALLEY TWP	B04	0.75	1.67	0.00	8.89	0.00	0.75	12.07	164.64
VALLEY TWP	B05	12.82	97.94	0.75	22.96	0.01	18.10	152.58	
WALLACE TWP	B09	1.06	12.67	0.00	2.64	0.00	1.06	17.41	17.41
WEST BRADFORD TWP	B06	3.36	40.65	0.00	4.47	0.00	0.00	48.48	121.60
WEST BRADFORD TWP	B14	2.40	59.48	0.00	9.32	0.00	1.92	73.12	
WEST CALN TWP	B01	0.14	0.00	0.00	4.88	0.00	0.49	5.51	43.07
WEST CALN TWP	B20	1.46	33.06	0.00	2.57	0.00	0.49	37.57	
WEST GOSHEN TWP	B14	46.26	44.49	1.36	49.84	0.01	13.61	155.57	180.51
WEST GOSHEN TWP	B15	14.87	0.00	4.08	4.64	0.00	1.36	24.94	

**Table C-5b. Sediment baseline MS4 loads in Brandywine Creek Watershed**

Township	Subbasin	Residential (ton/yr)	Agricultural (ton/yr)	Open (ton/yr)	Forested (ton/yr)	Wetland (ton/yr)	Urban (ton/yr)	Sub-Total (ton/yr)	Total (ton/yr)
BIRMINGHAM TWP	B15	37.30	253.09	7.99	3.11	0.00	9.32	310.81	310.81
COATESVILLE CITY	B04	4.63	0.00	0.00	13.88	0.00	9.25	27.75	231.29
COATESVILLE CITY	B05	115.65	0.00	4.63	9.25	0.00	74.01	203.54	
EAST BRADFORD TWP	B14	83.84	754.59	7.62	29.47	0.03	12.20	887.74	1185.00
EAST BRADFORD TWP	B15	41.16	236.28	1.52	9.15	0.00	9.15	297.26	

Township	Subbasin	Residential (ton/yr)	Agricultural (ton/yr)	Open (ton/yr)	Forested (ton/yr)	Wetland (ton/yr)	Urban (ton/yr)	Sub-Total (ton/yr)	Total (ton/yr)
EAST FALLOWFIELD TWP	B05	6.72	96.52	0.00	6.69	0.00	7.42	117.36	803.23
EAST FALLOWFIELD TWP	B06	35.26	305.72	1.38	17.08	0.00	6.22	365.66	
EAST FALLOWFIELD TWP	B20	20.77	282.15	0.00	13.15	0.00	4.15	320.23	
EAST MARLBOROUGH TWP	B31	50.21	302.72	5.91	6.40	0.00	1.48	366.70	366.70
HIGHLAND TWP	B20	2.68	367.81	0.00	9.71	0.00	4.60	384.80	384.80
HONEY BROOK BORO	B01	4.63	15.44	0.00	0.00	0.00	0.51	20.58	813.84
HONEY BROOK TWP	B01	7.19	554.14	0.00	8.39	0.00	6.21	575.94	
HONEY BROOK TWP	B09	4.90	227.21	0.00	5.12	0.02	0.65	237.91	
MODENA BORO	B05	1.71	0.00	0.00	1.14	0.01	0.00	2.86	27.96
MODENA BORO	B06	1.71	17.12	0.00	1.14	0.00	5.14	25.10	
NEWLIN TWP	B06	0.00	14.95	0.00	2.99	0.00	1.99	19.93	144.18
NEWLIN TWP	B31	1.99	119.60	0.00	1.66	0.00	1.00	124.25	
PARKESBURG BORO	B20	20.59	23.40	0.00	1.56	0.00	6.55	52.11	52.11
PENNSBURY TWP	B15	0.00	5.68	0.00	0.00	0.00	0.00	5.68	113.98
PENNSBURY TWP	B31	3.41	102.24	0.00	2.65	0.00	0.00	108.30	
POCOPSON TWP	B15	9.73	236.35	0.00	5.56	0.02	4.17	255.83	821.21
POCOPSON TWP	B31	55.61	486.59	0.00	17.61	0.00	5.56	565.38	
SADSBURY TWP	B05	0.48	7.23	0.00	0.16	0.00	0.48	8.36	289.73
SADSBURY TWP	B20	12.53	253.09	0.00	8.03	0.00	7.71	281.37	
THORNBURY TWP	B15	0.00	79.67	0.00	1.56	0.00	0.94	82.17	82.17
VALLEY TWP	B04	2.22	22.22	0.00	8.89	0.00	2.22	35.55	485.14
VALLEY TWP	B05	37.77	333.30	2.22	22.96	0.01	53.33	449.59	
WALLACE TWP	B09	1.32	16.47	0.00	2.64	0.00	1.32	21.74	21.74
WEST BRADFORD TWP	B06	7.83	100.62	0.00	4.47	0.00	0.00	112.92	283.22
WEST BRADFORD TWP	B14	5.59	150.93	0.00	9.32	0.00	4.47	170.31	
WEST CALN TWP	B01	3.08	0.00	0.00	4.88	0.00	0.77	8.73	68.28
WEST CALN TWP	B20	2.31	53.91	0.00	2.57	0.00	0.77	59.56	
WEST GOSHEN TWP	B14	118.22	191.25	3.48	49.84	0.01	34.77	397.57	461.32
WEST GOSHEN TWP	B15	45.20	0.00	10.43	4.64	0.00	3.48	63.75	

**Table C-5c. Sediment MS4 reductions for Brandywine Creek Watershed**

Township	Subbasin	Residential	Agricultural	Open	Forested	Wetland	Urban	Sub-Total	Total
BIRMINGHAM TWP	B15	58.06%	58.78%	58.06%	0.00%	0.00%	58.06%	58.06%	58.06%
COATESVILLE CITY	B04	78.38%			0.00%		89.19%	42.79%	62.79%
COATESVILLE CITY	B05	70.76%		65.52%	0.00%		65.52%	65.52%	
EAST BRADFORD TWP	B14	60.58%	62.94%	60.58%	0.00%	0.00%	60.58%	60.58%	60.58%
EAST BRADFORD TWP	B15	60.58%	62.92%	60.58%	0.00%		60.58%	60.58%	
EAST FALLOWFIELD TWP	B05	46.91%	50.16%		0.00%		46.91%	46.91%	46.91%
EAST FALLOWFIELD TWP	B06	46.91%	49.53%	46.91%	0.00%		46.91%	46.91%	
EAST FALLOWFIELD TWP	B20	46.91%	49.10%		0.00%	0.00%	46.91%	46.91%	
EAST MARLBOROUGH TWP	B31	61.98%	63.29%	61.98%	0.00%		61.98%	61.98%	61.98%
HIGHLAND TWP	B20	37.93%	38.93%		0.00%	0.00%	37.93%	37.93%	37.93%
HONEY BROOK BORO	B01	35.70%	35.70%				35.70%	35.70%	35.70%
HONEY BROOK TWP	B01	31.34%	31.82%		0.00%	0.00%	31.34%	31.34%	31.34%
HONEY BROOK TWP	B09	31.34%	32.05%		0.00%	0.00%	31.34%	31.34%	
MODENA BORO	B05	92.57%			0.00%	0.00%		55.43%	55.43%



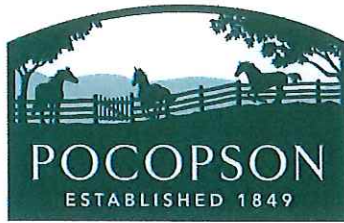
Township	Subbasin	Residential	Agricultural	Open	Forested	Wetland	Urban	Sub-Total	Total
MODENA BORO	B06	55.43%	59.13%		0.00%		55.43%	55.43%	
NEWLIN TWP	B06		70.41%		0.00%		58.67%	58.67%	58.67%
NEWLIN TWP	B31	58.67%	59.49%		0.00%		58.67%	58.67%	
PARKESBURG BORO	B20	37.93%	40.45%		0.00%		37.93%	37.93%	37.93%
PENNSBURY TWP	B15		61.85%					61.85%	61.85%
PENNSBURY TWP	B31	61.85%	63.46%		0.00%			61.85%	
POCOPSON TWP	B15	60.94%	62.38%		0.00%	0.00%	60.94%	60.94%	60.94%
POCOPSON TWP	B31	60.94%	63.14%		0.00%	0.00%	60.94%	60.94%	
SADSBURY TWP	B05	40.59%	41.49%		0.00%		40.59%	40.59%	40.59%
SADSBURY TWP	B20	40.59%	41.88%		0.00%		40.59%	40.59%	
THORNBURY TWP	B15		59.20%		0.00%		58.06%	58.06%	58.06%
VALLEY TWP	B04	66.06%	92.49%		0.00%		66.06%	66.06%	66.06%
VALLEY TWP	B05	66.06%	70.62%	66.06%	0.00%	0.00%	66.06%	66.06%	
WALLACE TWP	B09	19.92%	23.10%		0.00%		19.92%	19.92%	19.92%
WEST BRADFORD TWP	B06	57.07%	59.60%		0.00%			57.07%	57.07%
WEST BRADFORD TWP	B14	57.07%	60.59%		0.00%		57.07%	57.07%	
WEST CALN TWP	B01	95.38%			0.00%		36.92%	36.92%	36.92%
WEST CALN TWP	B20	36.92%	36.68%		0.00%		36.92%	36.92%	
WEST GOSHEN TWP	B14	60.87%	76.74%	60.87%	0.00%	0.00%	60.87%	60.87%	60.87%
WEST GOSHEN TWP	B15	67.11%		60.87%	0.00%		60.87%	60.87%	



## APPENDIX C

PUBLIC NOTICE OF TMDL PLAN (PROOF OF PUBLICATION)  
WRITTEN COMMENTS RECEIVED FROM THE PUBLIC REGARDING THE TMDL PLAN  
POCOPSON TOWNSHIP'S RECORD OF CONSIDERATION OF ALL COMMENTS RECEIVED  
IN THE PUBLIC COMMENT PERIOD





P.O. Box 1, Pocopson PA 19366  
Office: 610.793.2151 Fax: 610.793.1944  
[www.pocopson.org](http://www.pocopson.org)

## Public Notice

### Pocopson Township MS4 TMDL Plan

Pocopson Township's MS4 TMDL Plan is available to the public for review at the Township Building, during regular business hours, and on the Township's website [www.pocopson.org](http://www.pocopson.org). Written comments will be accepted for 30 days from the date of this notice at the Township Administrative Office, 740 Denton Hollow Road, West Chester, PA 19382, by mail to P.O. Box 1 Pocopson, PA 19366 or via email to [secretary@pocopson.org](mailto:secretary@pocopson.org). The Strategy will also be presented for comment at the Board of Supervisors Meeting on August 14, 2017 at 7:30 PM prevailing time. The MS4 TMDL Plan describes proposed measures to address the sediment wasteload allocation assigned in the Christina Basin TMDL Report per NPDES MS4 permit requirements. The meeting is held in the Pocopson Township Building at 740 Denton Hollow Road, West Chester, Pennsylvania. If any person who wishes to attend has a disability and/or requires an auxiliary aid, service or other accommodation to observe or participate in the meetings, s/he should contact the Township at 610-793-2151 to discuss how those needs may be accommodated.

Susan Simone  
Administrative Secretary



APPENDIX D

POCOPSON TOWNSHIP MS4 STORMWATER SYSTEM MAP  
POCOPSON TOWNSHIP OVERALL LAND USE MAP  
POCOPSON TOWNSHIP TMDL LAND USE STORM SEWERSHED MAP  
POCOPSON TOWNSHIP TMDL SUB-BASINS MAP  
POCOPSON TOWNSHIP TMDL STORM SEWERSHED MAP  
POCOPSON TOWNSHIP PROPOSED BMP MAP

