

Appendix B

Sub-Basin Data, t_c Calculations, Routing Schematics and
InfoSWMM Output

Table B.1
Subwatershed Characteristics

Sub-basin ID	Contributing Drainage Area (acres)	Curve Number (CN)	NRCS Lag Time (min)
Basin 1			
01_101	678.0	64	48
01_102	895.9	67	86
01_103	430.4	64	62
01_104	608.8	67	43
01_105	216.3	70	72
01_106	176.6	68	69
01_107	251.1	67	71
01_108	435.2	67	102
Basin 2			
02_101	102.8	74	43
02_102	155.2	74	22
02_103	199.0	75	31
02_104	384.3	72	57
02_105	48.9	77	32
02_106	123.4	72	39
02_107	139.3	65	37
02_108	55.4	72	29
02_109	84.6	67	30
02_110	152.9	90	67
02_111	38.9	67	26
02_112	17.8	67	9
02_113	120.8	68	36
02_114	121.6	65	45
02_115	33.4	70	22
02_116	579.2	74	37
02_117	216.1	66	34
Basin 3			
03_101	54.6	72	18
03_102	133.0	75	20
03_103	93.7	69	23
03_104	196.7	68	24
03_105	377.6	72	32
03_106	513.2	72	65
03_107	258.4	74	32

Table B.1
Subwatershed Characteristics

Sub-basin ID	Contributing Drainage Area (acres)	Curve Number (CN)	NRCS Lag Time (min)
Basin 4			
04_101	108.0	81	34
04_102	127.5	76	15
04_103	8.1	89	8
04_104	489.3	78	36
04_105	33.0	75	27
04_106	15.4	85	18
04_107	17.5	85	12
04_108	53.8	74	8
04_109	104.6	78	20
04_110	142.8	76	31
04_111	351.9	71	56
04_112	89.7	62	34
04_113	95.4	62	11
04_114	406.6	74	64
Basin 5			
05_101	75.0	68	12
05_102	139.6	72	24
05_103	41.4	78	15
05_104	21.4	82	13
05_105	43.9	83	8
05_106	38.3	82	41
05_107	58.0	80	29
05_108	62.7	73	21
05_109	39.3	78	33
05_110	58.2	75	33
05_111	215.7	78	9
05_112	82.4	80	27
05_113	167.9	83	28
05_114	52.4	81	22
05_115	33.9	79	30
05_116	220.6	72	27
05_117	74.2	70	11
05_118	309.3	75	26
05_119	53.8	73	18
05_120	66.3	79	41
05_121	59.7	87	16
05_122	195.5	83	27
05_123	97.6	81	24

Table B.1
Subwatershed Characteristics

Sub-basin ID	Contributing Drainage Area (acres)	Curve Number (CN)	NRCS Lag Time (min)
05_124	19.9	77	33
05_125	91.2	84	22
05_126	65.5	88	28
05_127	19.7	90	37
05_128	12.6	81	20
05_129	72.8	90	10
05_130	74.4	88	32
05_131	16.4	91	7
05_132	35.4	93	23
05_133	46.7	93	24
05_134	86.5	73	9
05_135	178.0	67	25
05_136	307.4	75	33
05_137	77.4	91	7
05_138	100.3	92	27
05_139	74.1	83	33
05_140	43.2	94	46
05_141	72.5	89	29
05_142	83.0	86	12
05_143	57.0	90	37
05_144	36.5	86	27
05_145	35.3	88	34
05_146	23.8	74	32
05_147	27.5	78	15
05_148	124.4	82	19
05_149	52.2	78	43
05_150	80.3	86	19
05_151	129.1	82	26
05_152	50.7	77	12
05_153	158.4	84	25
05_154	25.6	0	28
05_157	21.3	77	7
05_158	12.3	0	25
05_159	311.0	71	7
05_160	162.4	71	9
05_161	289.4	66	62
05_162	124.2	76	14
05_163	242.9	0	32

Table B.1
Subwatershed Characteristics

Sub-basin ID	Contributing Drainage Area (acres)	Curve Number (CN)	NRCS Lag Time (min)
Basin 6			
06_101	2890.0	66	73
06_102	338.9	69	40
06_103	317.7	61	33
06_104	455.8	68	27
06_105	1701.8	63	78
06_106	1725.3	62	89
06_107	64.2	76	31
06_108	590.5	71	45
06_109	203.9	81	37
06_110	196.2	78	58
06_111	247.2	61	32
06_112	40.7	75	34
06_113	35.4	72	21
06_114	217.1	73	30
06_115	216.2	63	71
06_116	523.5	67	86
06_117	1431.7	67	62
06_118	75.0	81	25
06_119	115.2	77	19
06_120	56.6	79	26
06_121	214.6	62	47
06_122	249.2	80	33
06_123	425.3	70	97
06_124	74.2	76	31
06_125	315.4	77	49
06_126	62.3	62	39
06_127	11.0	90	20
06_128	229.0	79	46
06_129	146.7	60	94
06_130	82.5	62	57
06_131	131.6	80	62
06_132	17.1	75	60
06_133	252.0	65	66
06_134	197.6	76	46
06_135	76.1	78	30
06_136	226.0	61	69
06_137	15.4	76	39
06_138	20.3	76	13

Table B.1
Subwatershed Characteristics

Sub-basin ID	Contributing Drainage Area (acres)	Curve Number (CN)	NRCS Lag Time (min)
Basin 7			
07_01	149.6	76	27
07_03	65.7	81	14
07_04	167.7	70	34
07_05	72.1	67	82
07_06	107.4	79	79
07_07	86.4	69	18
07_09	3324.4	69	107
07_10	672.2	72	66
07_11	40.8	70	38
07_12	49.4	86	43
07_13	70.4	80	30
07_14	150.4	69	22
07_21	27.7	75	44
07_22	103.5	64	42
07_23	25.8	87	39
07_24	31.2	74	37
07_25	10.7	86	13
07_26	68.6	81	18
07_27	100.4	80	80
07_28	20.0	91	33
Basin 8			
08_00	94.4	91	30
08_01	135.7	90	23
08_02	107.4	94	30
08_03	57.5	94	20
08_04	125.9	90	35
08_05	16.5	93	17
08_06	37.3	93	16
08_07	21.2	92	11
08_08	34.6	95	23
08_09	44.0	93	34
08_10	30.9	93	13
08_11	47.2	92	23
08_12	87.7	91	47
08_13	101.9	96	21
08_14	1.0	95	16
08_15	14.8	93	23
08_16	12.0	91	13

Table B.1
Subwatershed Characteristics

Sub-basin ID	Contributing Drainage Area (acres)	Curve Number (CN)	NRCS Lag Time (min)
08_17	23.7	91	31
08_18	5.9	87	8
08_19	15.1	91	7
08_20	11.1	86	7
08_21	13.9	91	7
08_22	78.6	91	18
08_23	15.3	91	67
08_24	11.0	94	16
08_25	16.5	94	34
08_26	7.2	92	18
08_27	49.8	93	13
Basin 9			
09_101	11.3	80	15
09_102	33.5	76	24
09_103	40.9	75	28
09_104	43.1	74	16
09_105	88.8	74	35
09_106	54.7	74	32
09_107	57.4	90	29
09_108	147.9	85	21
09_109	147.2	68	43
09_110	60.7	71	30
09_111	159.1	71	36
09_112	130.4	74	22
09_113	207.1	71	39
09_114	222.6	71	37
09_115	72.9	74	24
09_116	132.2	78	32
09_117	16.0	78	10
09_118	10.0	61	23
09_119	116.0	87	32
09_120	59.8	78	24
09_121	150.3	87	65
09_122	70.5	87	53
Basin 10			
10_101	3887.0	73	62
10_102	1152.6	73	105
10_103	97.9	75	30
10_104	85.8	70	22

Table B.1
Subwatershed Characteristics

Sub-basin ID	Contributing Drainage Area (acres)	Curve Number (CN)	NRCS Lag Time (min)
10_105	20.9	74	11
10_106	22.0	74	7
10_107	213.0	76	46
10_108	16.9	71	17
10_109	3.8	76	6
Basin 11			
11_101	1006.4	--	--
11_102	1303.5	--	--
11_103	447.0	--	--
11_104	115.8	--	--
11_105	97.0	--	--
11_106	117.9	--	--
11_107	15.9	--	--
11_108	43.0	--	--
11_109	192.3	--	--
11_110	79.6	--	--
11_111	87.0	--	--
11_112	33.5	--	--
Basin 12			
12_101	3583.2	74	98
12_102	876.4	74	54
12_103	280.7	75	32
12_104	732.6	72	52
12_105	321.0	74	53
12_106	184.2	74	75
12_107	100.3	74	35
12_108	338.7	72	49
12_109	105.3	78	22
12_110	263.9	76	46
12_111	261.9	74	38
12_112	98.9	75	34
12_113	1999.4	74	95
12_114	1576.2	74	119
12_115	848.6	74	48
12_116	29.6	76	31
12_117	5.7	76	10

Notes:
ID = identification number
min = minutes
sq. mi. = square miles

