

## APPENDIX A. SUBCATCHMENT IMPERVIOUSNESS & SOILS PARAMETERS

LUCODE	Land Use	Percent Imperviousness
RR	Single-Family Residential - Rural	5
SRR	Single-Family Residential - Semi-Rural	10
SRL	Single-Family Residential - Suburban Low	15
SRM	Single-Family Residential - Suburban Medium	25
RM	Single-Family Residential - Urban	40
RMF	Multi-Family Residential	50
CMU	Office/Light Industrial	60
COM	Commercial	85
MIL	Military	30
PUB	Schools, Government Buildings	25
IND	Industrial	85
RD	Roads	90
ROW	Right-of-Ways	1
VAC	Vacant	1
GRS	Open Space - Grass	1
FOR	Forest	1
AGC	Agricultural - Cropland	1
AGP	Agricultural - Pasture	1
WET	Wetlands	100
WAT	Water Features	100

From GIS				Computations				Percent Impervious
Lucode	ID	Count	Sum_Acres	inc imp	inc imp*area	cum imp*area	cum area	
CMU	10000	1	0.09000	0.60	0.0540	0.0540	0.0900	
COM	10000	2	1.53000	0.85	1.3005	1.3005	1.5300	
IND	10000	1	0.90000	0.85	0.7650	0.8190	0.9900	
RD	10000	3	2.29000	0.90	2.0610	3.3615	3.8200	
SRR	10000	1	1.16000	0.10	0.1160	0.9350	2.1500	
VAC	10000	1	0.80000	0.01	0.0080	3.3695	4.6200	72.93
CMU	10005	1	5.12000	0.60	3.0720	3.0720	5.1200	
COM	10005	1	2.33000	0.85	1.9805	1.9805	2.3300	
RD	10005	3	4.60000	0.90	4.1400	7.2120	9.7200	

**Table A-2. Imperviousness Computations by Land Use, 2003 Conditions**

Milldam Creek Watershed								
1/9/2004								
Saved as: md_Landuse2003.xls								
Note: These computations are based on a frequency analysis of the land use data contained in the City's GIS. The actual imperviousness used in the SWMM modeling may be adjusted to reflect future development or conditions that are not otherwise reflected in the GIS land use coverage.								
From GIS				Computations				
Lucode	ID	Count	Sum_Acres	inc imp	inc imp*area	cum imp*area	cum area	Percent Impervious
SRR	10005	1	0.00032	0.10	0.0000	1.9805	2.3303	
VAC	10005	1	0.15000	0.01	0.0015	7.2135	9.8700	73.09
VAC	10010	1	0.0600	0.01	0.0006	0.0006	0.0600	
CMU	10010	3	2.0000	0.60	1.2000	1.2000	2.0000	
FOR	10010	1	9.1500	0.01	0.0915	0.0921	9.2100	
IND	10010	1	10.7300	0.85	9.1205	10.3205	12.7300	
RD	10010	3	19.1400	0.90	17.2260	17.3181	28.3500	61.09
PUB	10020	1	0.0095	0.25	0.0024	0.0024	0.0095	
RMF	10020	2	0.0200	0.50	0.0100	0.0124	0.0295	
RM	10020	2	0.3000	0.40	0.1200	0.1324	0.3295	
RD	10020	1	1.7400	0.90	1.5660	1.6984	2.0695	
SRR	10020	4	2.1100	0.10	0.2110	1.9094	4.1795	
SRM	10020	3	2.9100	0.25	0.7275	2.6369	7.0895	
SRL	10020	4	5.5400	0.15	0.8310	3.4679	12.6295	27.46
VAC	10030	3	0.4100	0.01	0.0041	0.0041	0.4100	
RM	10030	1	0.6700	0.40	0.2680	0.2721	1.0800	
FOR	10030	1	0.6800	0.01	0.0068	0.2789	1.7600	
RR	10030	1	1.9100	0.05	0.0955	0.3744	3.6700	
SRR	10030	3	2.3700	0.10	0.2370	0.6114	6.0400	
RD	10030	2	4.1700	0.90	3.7530	4.3644	10.2100	
SRM	10030	3	4.9900	0.25	1.2475	5.6119	15.2000	
SRL	10030	6	5.3200	0.15	0.7980	6.4099	20.5200	
COM	10030	1	12.6700	0.85	10.7695	17.1794	33.1900	51.76
SRL	10040	1	0.8000	0.15	0.1200	0.1200	0.8000	
RD	10040	1	2.6700	0.90	2.4030	2.5230	3.4700	
COM	10040	1	3.0500	0.85	2.5925	5.1155	6.5200	
RM	10040	2	6.3600	0.40	2.5440	7.6595	12.8800	59.47
VAC	10050	2	0.6200	0.01	0.0062	0.0062	0.6200	
RM	10050	2	0.7700	0.40	0.3080	0.3142	1.3900	
SRR	10050	1	0.9000	0.10	0.0900	0.4042	2.2900	
SRM	10050	3	1.0700	0.25	0.2675	0.6717	3.3600	
RD	10050	1	1.4100	0.90	1.2690	1.9407	4.7700	
COM	10050	1	1.6600	0.85	1.4110	3.3517	6.4300	
SRL	10050	3	2.0000	0.15	0.3000	3.6517	8.4300	43.32
WAT	10060	1	0.0001	1.00	0.0001	0.0001	0.0001	
RD	10060	2	1.2900	0.90	1.1610	1.1611	1.2901	
VAC	10060	2	6.3600	0.01	0.0636	1.2247	7.6501	
PUB	10060	2	7.2300	0.25	1.8075	3.0322	14.8801	
IND	10060	1	9.7300	0.85	8.2705	11.3027	24.6101	45.93
VAC	10070	2	0.0800	0.01	0.0008	0.0008	0.0800	

**Table A-2. Imperviousness Computations by Land Use, 2003 Conditions**

Milldam Creek Watershed								
1/9/2004								
Saved as: md_Landuse2003.xls								
Note: These computations are based on a frequency analysis of the land use data contained in the City's GIS. The actual imperviousness used in the SWMM modeling may be adjusted to reflect future development or conditions that are not otherwise reflected in the GIS land use coverage.								
From GIS				Computations				
Lucode	ID	Count	Sum_Acres	inc imp	inc imp*area	cum imp*area	cum area	Percent Impervious
RD	10070	4	0.9500	0.90	0.8550	0.8558	1.0300	
IND	10070	1	14.4800	0.85	12.3080	13.1638	15.5100	
PUB	10070	2	19.5600	0.25	4.8900	18.0538	35.0700	
WAT	10070	1	42.4400	1.00	42.4400	60.4938	77.5100	78.05
VAC	10080	1	0.0800	0.01	0.0008	0.0008	0.0800	
RD	10080	1	0.7600	0.90	0.6840	0.6848	0.8400	
IND	10080	1	15.7800	0.85	13.4130	14.0978	16.6200	84.82
VAC	10090	2	0.0700	0.01	0.0007	0.0007	0.0700	
RD	10090	3	0.3700	0.90	0.3330	0.3337	0.4400	
IND	10090	1	19.8200	0.85	16.8470	17.1807	20.2600	
WAT	10090	1	26.2000	1.00	26.2000	43.3807	46.4600	93.37
VAC	10100	1	0.0400	0.01	0.0004	0.0004	0.0400	
RD	10100	1	1.2800	0.90	1.1520	1.1524	1.3200	
CMU	10100	1	4.0700	0.60	2.4420	3.5944	5.3900	
IND	10100	3	17.7400	0.85	15.0790	18.6734	23.1300	80.73
IND	10110	3	4.9400	0.85	4.1990	4.1990	4.9400	
WAT	10110	1	18.1600	1.00	18.1600	22.3590	23.1000	96.79
RM	10120	6	0.6200	0.40	0.2480	0.2480	0.6200	
COM	10120	2	1.5300	0.85	1.3005	1.5485	2.1500	
VAC	10120	10	3.6500	0.01	0.0365	1.5850	5.8000	
IND	10120	1	4.0600	0.85	3.4510	5.0360	9.8600	
RD	10120	1	5.0800	0.90	4.5720	9.6080	14.9400	
CMU	10120	3	8.8400	0.60	5.3040	14.9120	23.7800	62.71
RD	10130	2	2.1600	0.90	1.9440	1.9440	2.1600	
IND	10130	1	2.4300	0.85	2.0655	4.0095	4.5900	
CMU	10130	1	6.9600	0.60	4.1760	8.1855	11.5500	
VAC	10130	3	10.6400	0.01	0.1064	8.2919	22.1900	
PUB	10130	1	14.1800	0.25	3.5450	11.8369	36.3700	32.55
RD	10140	1	0.6600	0.90	0.5940	0.5940	0.6600	
WAT	10140	1	4.6200	1.00	4.6200	5.2140	5.2800	
IND	10140	1	19.2900	0.85	16.3965	21.6105	24.5700	87.95
CMU	10150	1	1.3900	0.60	0.8340	0.8340	1.3900	
RD	10150	1	1.5500	0.90	1.3950	2.2290	2.9400	
WAT	10150	1	11.0500	1.00	11.0500	13.2790	13.9900	
IND	10150	1	31.8300	0.85	27.0555	40.3345	45.8200	88.03
VAC	10160	1	0.0400	0.01	0.0004	0.0004	0.0400	
RD	10160	3	1.6600	0.90	1.4940	1.4944	1.7000	
WAT	10160	1	3.4200	1.00	3.4200	4.9144	5.1200	
IND	10160	2	24.8200	0.85	21.0970	26.0114	29.9400	86.88
RD	10170	1	0.9900	0.90	0.8910	0.8910	0.9900	

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Note: These computations are based on a frequency analysis of the land use data contained in the City's GIS.								
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From GIS				Computations				
Lucode	ID	Count	Sum_Acres	inc imp	inc imp*area	cum imp*area	cum area	Percent Impervious
WAT	10170	1	10.1300	1.00	10.1300	11.0210	11.1200	
IND	10170	2	11.4600	0.85	9.7410	20.7620	22.5800	91.95
VAC	10180	1	0.0300	0.01	0.0003	0.0003	0.0300	
RD	10180	1	5.6200	0.90	5.0580	5.0583	5.6500	89.53
RD	10190	1	2.4500	0.90	2.2050	2.2050	2.4500	
WAT	10190	1	7.9500	1.00	7.9500	10.1550	10.4000	
IND	10190	1	16.7300	0.85	14.2205	24.3755	27.1300	89.85
IND	10200	3	0.9800	0.85	0.8330	0.8330	0.9800	
WAT	10200	1	1.3800	1.00	1.3800	2.2130	2.3600	
RM	10200	4	1.4300	0.40	0.5720	2.7850	3.7900	
VAC	10200	3	2.6600	0.01	0.0266	2.8116	6.4500	
RD	10200	1	4.4600	0.90	4.0140	6.8256	10.9100	
FOR	10200	1	10.7400	0.01	0.1074	6.9330	21.6500	32.02
WAT	10210	1	1.3500	1.00	1.3500	1.3500	1.3500	
RD	10210	1	1.4400	0.90	1.2960	2.6460	2.7900	
FOR	10210	1	16.7000	0.01	0.1670	2.8130	19.4900	14.43
CMU	10220	1	0.2300	0.60	0.1380	0.1380	0.2300	
COM	10220	1	0.3100	0.85	0.2635	0.4015	0.5400	
SRM	10220	2	0.6500	0.25	0.1625	0.5640	1.1900	
SRR	10220	1	2.0300	0.10	0.2030	0.7670	3.2200	
VAC	10220	3	2.3100	0.01	0.0231	0.7901	5.5300	
WAT	10220	1	2.5300	1.00	2.5300	3.3201	8.0600	
RD	10220	2	5.7300	0.90	5.1570	8.4771	13.7900	
FOR	10220	1	14.7900	0.01	0.1479	8.6250	28.5800	30.18
VAC	10230	1	0.1300	0.01	0.0013	0.0013	0.1300	
CMU	10230	1	11.8100	0.60	7.0860	7.0873	11.9400	
RD	10230	1	17.2800	0.90	15.5520	22.6393	29.2200	77.48
VAC	10240	2	0.0700	0.01	0.0007	0.0007	0.0700	
WAT	10240	4	0.8300	1.00	0.8300	0.8307	0.9000	
GRS	10240	7	1.3000	0.01	0.0130	0.8437	2.2000	
WET	10240	5	4.5200	1.00	4.5200	5.3637	6.7200	
RD	10240	4	4.7600	0.90	4.2840	9.6477	11.4800	
RM	10240	14	10.3900	0.40	4.1560	13.8037	21.8700	63.12
SRL	10250	1	0.6100	0.15	0.0915	0.0915	0.6100	
RM	10250	4	1.1500	0.40	0.4600	0.5515	1.7600	
VAC	10250	1	1.8000	0.01	0.0180	0.5695	3.5600	
GRS	10250	1	3.4000	0.01	0.0340	0.6035	6.9600	
RD	10250	2	3.5700	0.90	3.2130	3.8165	10.5300	
CMU	10250	1	3.9300	0.60	2.3580	6.1745	14.4600	42.70
CMU	10260	1	0.0200	0.60	0.0120	0.0120	0.0200	

**Table A-2. Imperviousness Computations by Land Use, 2003 Conditions**

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1/9/2004								
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From GIS				Computations				
Lucode	ID	Count	Sum_Acres	inc imp	inc imp*area	cum imp*area	cum area	Percent Impervious
WAT	10260	1	0.0500	1.00	0.0500	0.0620	0.0700	
RM	10260	2	0.4300	0.40	0.1720	0.2340	0.5000	
VAC	10260	6	0.8700	0.01	0.0087	0.2427	1.3700	
COM	10260	3	1.6900	0.85	1.4365	1.6792	3.0600	
RD	10260	1	1.9100	0.90	1.7190	3.3982	4.9700	68.37
COM	10270	1	0.4700	0.85	0.3995	0.3995	0.4700	
RM	10270	3	0.6700	0.40	0.2680	0.6675	1.1400	
WAT	10270	1	0.8100	1.00	0.8100	1.4775	1.9500	
VAC	10270	3	0.9700	0.01	0.0097	1.4872	2.9200	
RD	10270	3	13.3700	0.90	12.0330	13.5202	16.2900	83.00
RM	10280	1	0.1300	0.40	0.0520	0.0520	0.1300	
PUB	10280	1	0.7100	0.25	0.1775	0.2295	0.8400	
SRL	10280	2	0.8500	0.15	0.1275	0.3570	1.6900	
COM	10280	1	1.0800	0.85	0.9180	1.2750	2.7700	
VAC	10280	5	1.3500	0.01	0.0135	1.2885	4.1200	
WAT	10280	2	1.8300	1.00	1.8300	3.1185	5.9500	
SRM	10280	3	2.0700	0.25	0.5175	3.6360	8.0200	
SRR	10280	1	2.8000	0.10	0.2800	3.9160	10.8200	
CMU	10280	1	4.9400	0.60	2.9640	6.8800	15.7600	
RD	10280	1	10.4000	0.90	9.3600	16.2400	26.1600	62.08
PUB	10290	1	0.0200	0.25	0.0050	0.0050	0.0200	
SRM	10290	1	0.1100	0.25	0.0275	0.0325	0.1300	
RM	10290	1	0.3500	0.40	0.1400	0.1725	0.4800	
SRL	10290	1	0.4900	0.15	0.0735	0.2460	0.9700	
VAC	10290	3	0.5300	0.01	0.0053	0.2513	1.5000	
WAT	10290	1	1.5300	1.00	1.5300	1.7813	3.0300	
RD	10290	3	8.6200	0.90	7.7580	9.5393	11.6500	
WET	10290	1	9.3800	1.00	9.3800	18.9193	21.0300	89.96
PUB	10300	1	0.0002	0.25	0.0001	0.0001	0.0002	
SRM	10300	1	0.4000	0.25	0.1000	0.1001	0.4002	
RD	10300	2	2.0300	0.90	1.8270	1.9271	2.4302	
SRR	10300	2	3.7100	0.10	0.3710	2.2981	6.1402	
SRL	10300	2	3.8600	0.15	0.5790	2.8771	10.0002	
FOR	10300	1	5.6400	0.01	0.0564	2.9335	15.6402	18.76
GRS	10310	1	0.1000	0.01	0.0010	0.0010	0.1000	
WET	10310	1	0.1800	1.00	0.1800	0.1810	0.2800	
VAC	10310	1	0.3100	0.01	0.0031	0.1841	0.5900	
WAT	10310	2	0.9000	1.00	0.9000	1.0841	1.4900	
RM	10310	2	13.1600	0.40	5.2640	6.3481	14.6500	
RD	10310	4	22.9500	0.90	20.6550	27.0031	37.6000	71.82

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1/9/2004								
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From GIS				Computations				Percent Impervious
Lucode	ID	Count	Sum_Acres	inc imp	inc imp*area	cum imp*area	cum area	
IND	10320	1	0.1400	0.85	0.1190	0.1190	0.1400	
CMU	10320	2	0.4400	0.60	0.2640	0.3830	0.5800	
SRM	10320	4	0.4500	0.25	0.1125	0.4955	1.0300	
COM	10320	2	0.4700	0.85	0.3995	0.8950	1.5000	
PUB	10320	2	0.7300	0.25	0.1825	1.0775	2.2300	
VAC	10320	9	2.0300	0.01	0.0203	1.0978	4.2600	
RD	10320	4	5.2100	0.90	4.6890	5.7868	9.4700	
RM	10320	15	5.2400	0.40	2.0960	7.8828	14.7100	53.59
PUB	10330	1	0.3300	0.25	0.0825	0.0825	0.3300	
RM	10330	2	0.4500	0.40	0.1800	0.2625	0.7800	
RD	10330	1	0.8800	0.90	0.7920	1.0545	1.6600	
SRM	10330	1	1.5800	0.25	0.3950	1.4495	3.2400	
COM	10330	1	1.7000	0.85	1.4450	2.8945	4.9400	58.59
WAT	10340	2	0.8400	1.00	0.8400	0.8400	0.8400	
VAC	10340	4	0.9500	0.01	0.0095	0.8495	1.7900	
COM	10340	2	1.6700	0.85	1.4195	2.2690	3.4600	
CMU	10340	1	1.9000	0.60	1.1400	3.4090	5.3600	
SRL	10340	1	2.0100	0.15	0.3015	3.7105	7.3700	
SRM	10340	6	3.0900	0.25	0.7725	4.4830	10.4600	
RD	10340	2	7.1600	0.90	6.4440	10.9270	17.6200	
RM	10340	15	13.9200	0.40	5.5680	16.4950	31.5400	52.30
SRM	10350	2	0.7000	0.25	0.1750	0.1750	0.7000	
SRL	10350	2	0.8800	0.15	0.1320	0.3070	1.5800	
WAT	10350	1	1.3400	1.00	1.3400	1.6470	2.9200	
WET	10350	2	2.1800	1.00	2.1800	3.8270	5.1000	
RD	10350	1	2.8100	0.90	2.5290	6.3560	7.9100	
RM	10350	4	6.0200	0.40	2.4080	8.7640	13.9300	62.91
GRS	10360	1	0.0400	0.01	0.0004	0.0004	0.0400	
FOR	10360	1	0.0700	0.01	0.0007	0.0011	0.1100	
IND	10360	1	0.3200	0.85	0.2720	0.2731	0.4300	
WAT	10360	1	0.4600	1.00	0.4600	0.7331	0.8900	
COM	10360	2	0.4700	0.85	0.3995	1.1326	1.3600	
WET	10360	1	0.5100	1.00	0.5100	1.6426	1.8700	
VAC	10360	8	1.4800	0.01	0.0148	1.6574	3.3500	
SRM	10360	4	2.7800	0.25	0.6950	2.3524	6.1300	
RD	10360	1	5.8100	0.90	5.2290	7.5814	11.9400	
RM	10360	22	9.6000	0.40	3.8400	11.4214	21.5400	53.02
VAC	10370	1	0.0200	0.01	0.0002	0.0002	0.0200	
GRS	10370	1	0.0300	0.01	0.0003	0.0005	0.0500	
SRM	10370	2	0.2900	0.25	0.0725	0.0730	0.3400	

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1/9/2004								
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Note: These computations are based on a frequency analysis of the land use data contained in the City's GIS. The actual imperviousness used in the SWMM modeling may be adjusted to reflect future development or conditions that are not otherwise reflected in the GIS land use coverage.								
From GIS				Computations				Percent Impervious
Lucode	ID	Count	Sum_Acres	inc imp	inc imp*area	cum imp*area	cum area	
RM	10370	3	0.5000	0.40	0.2000	0.2730	0.8400	
WAT	10370	1	0.8500	1.00	0.8500	1.1230	1.6900	
IND	10370	1	0.8700	0.85	0.7395	1.8625	2.5600	
WET	10370	1	1.4600	1.00	1.4600	3.3225	4.0200	
RD	10370	1	2.5800	0.90	2.3220	5.6445	6.6000	
COM	10370	2	2.8600	0.85	2.4310	8.0755	9.4600	85.36
COM	10380	1	0.0086	0.85	0.0073	0.0073	0.0086	
SRM	10380	1	0.1400	0.25	0.0350	0.0423	0.1486	
SRL	10380	1	0.8900	0.15	0.1335	0.1758	1.0386	
GRS	10380	4	1.0000	0.01	0.0100	0.1858	2.0386	
VAC	10380	5	1.5300	0.01	0.0153	0.2011	3.5686	
WAT	10380	7	1.6400	1.00	1.6400	1.8411	5.2086	
FOR	10380	2	1.6800	0.01	0.0168	1.8579	6.8886	
WET	10380	8	6.6500	1.00	6.6500	8.5079	13.5386	
RD	10380	3	10.6200	0.90	9.5580	18.0659	24.1586	
RMF	10380	3	12.5200	0.50	6.2600	24.3259	36.6786	
RM	10380	12	21.7300	0.40	8.6920	33.0179	58.4086	56.53
RM	10390	2	0.6100	0.40	0.2440	0.2440	0.6100	
COM	10390	4	1.3200	0.85	1.1220	1.3660	1.9300	
SRM	10390	4	1.3600	0.25	0.3400	1.7060	3.2900	
VAC	10390	3	1.3600	0.01	0.0136	1.7196	4.6500	
RD	10390	1	1.7400	0.90	1.5660	3.2856	6.3900	
PUB	10390	3	5.3300	0.25	1.3325	4.6181	11.7200	39.40
SRL	10400	1	0.1800	0.15	0.0270	0.0270	0.1800	
VAC	10400	2	0.7100	0.01	0.0071	0.0341	0.8900	
RD	10400	1	1.0800	0.90	0.9720	1.0061	1.9700	
SRM	10400	2	1.8400	0.25	0.4600	1.4661	3.8100	
PUB	10400	1	4.3000	0.25	1.0750	2.5411	8.1100	31.33
PUB	10410	2	0.2000	0.25	0.0500	0.0500	0.2000	
RM	10410	3	0.6200	0.40	0.2480	0.2980	0.8200	
RD	10410	1	1.5700	0.90	1.4130	1.7110	2.3900	
SRM	10410	2	4.2200	0.25	1.0550	2.7660	6.6100	41.85
RM	10420	2	0.2400	0.40	0.0960	0.0960	0.2400	
SRL	10420	1	0.7800	0.15	0.1170	0.2130	1.0200	
RD	10420	1	0.8600	0.90	0.7740	0.9870	1.8800	
PUB	10420	2	0.9900	0.25	0.2475	1.2345	2.8700	
SRM	10420	3	1.9600	0.25	0.4900	1.7245	4.8300	35.70
RD	10430	3	4.94000	0.90	4.4460	4.4460	4.9400	
RM	10430	10	5.44000	0.40	2.1760	6.6220	10.3800	
RR	10430	1	0.02000	0.05	0.0010	6.6230	10.4000	

**Table A-2. Imperviousness Computations by Land Use, 2003 Conditions**

Milldam Creek Watershed								
1/9/2004								
Saved as: md_Landuse2003.xls								
Note: These computations are based on a frequency analysis of the land use data contained in the City's GIS. The actual imperviousness used in the SWMM modeling may be adjusted to reflect future development or conditions that are not otherwise reflected in the GIS land use coverage.								
From GIS				Computations				Percent Impervious
Lucode	ID	Count	Sum_Acres	inc imp	inc imp*area	cum imp*area	cum area	
SRL	10430	1	1.10000	0.15	0.1650	6.7880	11.5000	
SRM	10430	10	9.34000	0.25	2.3350	9.1230	20.8400	43.78
GRS	10440	1	0.1300	0.01	0.0013	0.0013	0.1300	
PUB	10440	1	0.3800	0.25	0.0950	0.0963	0.5100	
SRL	10440	1	0.5400	0.15	0.0810	0.1773	1.0500	
VAC	10440	8	1.0100	0.01	0.0101	0.1874	2.0600	
SRM	10440	10	3.5700	0.25	0.8925	1.0799	5.6300	
RM	10440	17	6.8700	0.40	2.7480	3.8279	12.5000	
RD	10440	1	7.2300	0.90	6.5070	10.3349	19.7300	52.38
VAC	10450	1	0.0400	0.01	0.0004	0.0004	0.0400	
FOR	10450	1	0.4400	0.01	0.0044	0.0048	0.4800	
GRS	10450	4	1.0100	0.01	0.0101	0.0149	1.4900	
RM	10450	5	2.1300	0.40	0.8520	0.8669	3.6200	
RD	10450	1	3.6400	0.90	3.2760	4.1429	7.2600	57.06
RMF	10460	3	0.3700	0.50	0.1850	0.1850	0.3700	
WAT	10460	2	0.4800	1.00	0.4800	0.6650	0.8500	
COM	10460	1	1.0200	0.85	0.8670	1.5320	1.8700	
GRS	10460	7	2.7000	0.01	0.0270	1.5590	4.5700	
VAC	10460	1	3.2700	0.01	0.0327	1.5917	7.8400	
WET	10460	1	5.6800	1.00	5.6800	7.2717	13.5200	
RD	10460	1	6.2500	0.90	5.6250	12.8967	19.7700	
RM	10460	9	10.0900	0.40	4.0360	16.9327	29.8600	56.71
WAT	10470	2	0.2100	1.00	0.2100	0.2100	0.2100	
GRS	10470	1	0.7300	0.01	0.0073	0.2173	0.9400	
CMU	10470	1	0.8400	0.60	0.5040	0.7213	1.7800	
RM	10470	3	2.5600	0.40	1.0240	1.7453	4.3400	
RD	10470	1	2.6400	0.90	2.3760	4.1213	6.9800	
WET	10470	1	3.3500	1.00	3.3500	7.4713	10.3300	
COM	10470	1	4.7500	0.85	4.0375	11.5088	15.0800	76.32
SRM	10480	1	0.4100	0.25	0.1025	0.1025	0.4100	
SRR	10480	2	0.4700	0.10	0.0470	0.1495	0.8800	
VAC	10480	2	0.8800	0.01	0.0088	0.1583	1.7600	
PUB	10480	1	1.7800	0.25	0.4450	0.6033	3.5400	
SRL	10480	1	1.9400	0.15	0.2910	0.8943	5.4800	
FOR	10480	1	2.0500	0.01	0.0205	0.9148	7.5300	
COM	10480	1	3.9500	0.85	3.3575	4.2723	11.4800	
RD	10480	1	4.4000	0.90	3.9600	8.2323	15.8800	51.84
CMU	10520	2	0.3100	0.60	0.1860	0.1860	0.3100	
PUB	10520	2	0.5200	0.25	0.1300	0.3160	0.8300	
FOR	10520	1	1.3600	0.01	0.0136	0.3296	2.1900	



**Table A-2. Imperviousness Computations by Land Use, 2003 Conditions**

<b>Milldam Creek Watershed</b>								
1/9/2004								
Saved as: md_Landuse2003.xls								
Note: These computations are based on a frequency analysis of the land use data contained in the City's GIS. The actual imperviousness used in the SWMM modeling may be adjusted to reflect future development or conditions that are not otherwise reflected in the GIS land use coverage.								
<b>From GIS</b>				<b>Computations</b>				<b>Percent Impervious</b>
<b>Lucode</b>	<b>ID</b>	<b>Count</b>	<b>Sum_Acres</b>	<b>inc imp</b>	<b>inc imp*area</b>	<b>cum imp*area</b>	<b>cum area</b>	
SRM	10520	5	1.6500	0.25	0.4125	0.7421	3.8400	
GRS	10520	11	1.7700	0.01	0.0177	0.7598	5.6100	
VAC	10520	9	3.1700	0.01	0.0317	0.7915	8.7800	
RD	10520	4	8.6300	0.90	7.7670	8.5585	17.4100	
RM	10520	16	14.6800	0.40	5.8720	14.4305	32.0900	44.97
IND	10530	1	0.5200	0.85	0.4420	0.4420	0.5200	
RM	10530	5	0.8200	0.40	0.3280	0.7700	1.3400	
COM	10530	1	1.2400	0.85	1.0540	1.8240	2.5800	
VAC	10530	5	2.2200	0.01	0.0222	1.8462	4.8000	
RD	10530	1	8.9100	0.90	8.0190	9.8652	13.7100	
CMU	10530	1	26.5500	0.60	15.9300	25.7952	40.2600	64.07
GRS	10540	1	0.0002	0.01	0.0000	0.0000	0.0002	
VAC	10540	1	1.5200	0.01	0.0152	0.0152	1.5202	
FOR	10540	1	2.2700	0.01	0.0227	0.0379	3.7902	
RD	10540	1	3.6000	0.90	3.2400	3.2779	7.3902	
PUB	10540	1	13.0400	0.25	3.2600	6.5379	20.4302	32.00
FOR	10550	7	0.0200	0.01	0.0002	0.0002	0.0200	
COM	10550	3	0.0400	0.85	0.0340	0.0342	0.0600	
VAC	10550	1	0.1000	0.01	0.0010	0.0352	0.1600	
GRS	10550	4	0.2400	0.01	0.0024	0.0376	0.4000	
CMU	10550	2	0.3900	0.60	0.2340	0.2716	0.7900	
SRL	10550	1	0.5100	0.15	0.0765	0.3481	1.3000	
SRM	10550	5	8.4200	0.25	2.1050	2.4531	9.7200	
RD	10550	1	8.5500	0.90	7.6950	10.1481	18.2700	
RM	10550	13	21.4500	0.40	8.5800	18.7281	39.7200	47.15
COM	10560	1	0.8000	0.85	0.6800	0.6800	0.8000	
RD	10560	1	1.9700	0.90	1.7730	2.4530	2.7700	
CMU	10560	1	4.4600	0.60	2.6760	5.1290	7.2300	70.94
SRM	10570	1	0.4100	0.25	0.1025	0.1025	0.4100	
VAC	10570	1	0.5200	0.01	0.0052	0.1077	0.9300	
PUB	10570	1	1.3400	0.25	0.3350	0.4427	2.2700	
FOR	10570	1	2.6600	0.01	0.0266	0.4693	4.9300	
COM	10570	2	8.2300	0.85	6.9955	7.4648	13.1600	
RD	10570	1	14.5100	0.90	13.0590	20.5238	27.6700	
CMU	10570	2	30.7900	0.60	18.4740	38.9978	58.4600	66.71
GRS	10580	2	0.0200	0.01	0.0002	0.0002	0.0200	
CMU	10580	1	1.5200	0.60	0.9120	0.9122	1.5400	
RD	10580	3	1.8300	0.90	1.6470	2.5592	3.3700	
VAC	10580	2	2.3000	0.01	0.0230	2.5822	5.6700	
COM	10580	3	5.3600	0.85	4.5560	7.1382	11.0300	

**Table A-2. Imperviousness Computations by Land Use, 2003 Conditions**

Milldam Creek Watershed								
1/9/2004								
Saved as: md_Landuse2003.xls								
Note: These computations are based on a frequency analysis of the land use data contained in the City's GIS. The actual imperviousness used in the SWMM modeling may be adjusted to reflect future development or conditions that are not otherwise reflected in the GIS land use coverage.								
From GIS				Computations				
Lucode	ID	Count	Sum_Acres	inc imp	inc imp*area	cum imp*area	cum area	Percent Impervious
FOR	10580	2	9.0500	0.01	0.0905	7.2287	20.0800	
RMF	10580	1	9.2300	0.50	4.6150	11.8437	29.3100	40.41
FOR	10590	5	0.1900	0.01	0.0019	0.0019	0.1900	
SRM	10590	1	0.2600	0.25	0.0650	0.0669	0.4500	
RMF	10590	1	1.6100	0.50	0.8050	0.8719	2.0600	
RD	10590	1	2.4300	0.90	2.1870	3.0589	4.4900	
VAC	10590	4	3.6000	0.01	0.0360	3.0949	8.0900	
RM	10590	5	5.0400	0.40	2.0160	5.1109	13.1300	
RR	10590	1	5.8400	0.05	0.2920	5.4029	18.9700	
GRS	10590	1	7.9100	0.01	0.0791	5.4820	26.8800	20.39
RR	10600	3	0.1200	0.05	0.0060	0.0060	0.1200	
COM	10600	1	0.2000	0.85	0.1700	0.1760	0.3200	
FOR	10600	1	3.0000	0.01	0.0300	0.2060	3.3200	
RM	10600	1	5.4800	0.40	2.1920	2.3980	8.8000	
RD	10600	1	7.7400	0.90	6.9660	9.3640	16.5400	
VAC	10600	2	20.4000	0.01	0.2040	9.5680	36.9400	25.90
RMF	10610	1	0.3400	0.50	0.1700	0.1700	0.3400	
SRR	10610	1	0.4100	0.10	0.0410	0.2110	0.7500	
SRL	10610	2	0.5700	0.15	0.0855	0.2965	1.3200	
RR	10610	2	2.1200	0.05	0.1060	0.4025	3.4400	
RD	10610	2	2.6600	0.90	2.3940	2.7965	6.1000	
VAC	10610	4	23.5500	0.01	0.2355	3.0320	29.6500	10.23
COM	10620	2	0.0038	0.85	0.0032	0.0032	0.0038	
CMU	10620	2	0.0100	0.60	0.0060	0.0092	0.0138	
SRR	10620	1	0.0100	0.10	0.0010	0.0102	0.0238	
SRL	10620	2	0.0200	0.15	0.0030	0.0132	0.0438	
VAC	10620	3	3.8400	0.01	0.0384	0.0516	3.8838	
RD	10620	3	9.8800	0.90	8.8920	8.9436	13.7638	
RMF	10620	1	15.6300	0.50	7.8150	16.7586	29.3938	57.01
PUB	10630	2	0.5100	0.25	0.1275	0.1275	0.5100	
RM	10630	2	0.5700	0.40	0.2280	0.3555	1.0800	
SRR	10630	1	1.2600	0.10	0.1260	0.4815	2.3400	
RMF	10630	4	1.6000	0.50	0.8000	1.2815	3.9400	
COM	10630	1	1.7700	0.85	1.5045	2.7860	5.7100	
SRL	10630	3	1.8500	0.15	0.2775	3.0635	7.5600	
SRM	10630	5	3.9800	0.25	0.9950	4.0585	11.5400	
VAC	10630	3	4.6000	0.01	0.0460	4.1045	16.1400	
CMU	10630	3	8.7000	0.60	5.2200	9.3245	24.8400	
RD	10630	2	12.3300	0.90	11.0970	20.4215	37.1700	54.94
CMU	10640	1	0.0200	0.60	0.0120	0.0120	0.0200	

**Table A-2. Imperviousness Computations by Land Use, 2003 Conditions**

Milldam Creek Watershed								
1/9/2004								
Saved as: md_Landuse2003.xls								
Note: These computations are based on a frequency analysis of the land use data contained in the City's GIS. The actual imperviousness used in the SWMM modeling may be adjusted to reflect future development or conditions that are not otherwise reflected in the GIS land use coverage.								
From GIS				Computations				Percent Impervious
Lucode	ID	Count	Sum_Acres	inc imp	inc imp*area	cum imp*area	cum area	
COM	10640	1	0.1000	0.85	0.0850	0.0970	0.1200	
RD	10640	1	6.2000	0.90	5.5800	5.6770	6.3200	
VAC	10640	1	24.7600	0.01	0.2476	5.9246	31.0800	19.06
CMU	10650	1	1.2400	0.60	0.7440	0.7440	1.2400	
VAC	10650	3	2.2700	0.01	0.0227	0.7667	3.5100	
RD	10650	3	3.9300	0.90	3.5370	4.3037	7.4400	
COM	10650	3	5.7200	0.85	4.8620	9.1657	13.1600	
RMF	10650	1	14.5500	0.50	7.2750	16.4407	27.7100	59.33
RD	10660	2	9.3100	0.90	8.3790	8.3790	9.3100	90.00
COM	10670	1	0.1300	0.85	0.1105	0.1105	0.1300	
VAC	10670	1	0.8500	0.01	0.0085	0.1190	0.9800	
FOR	10670	1	6.7900	0.01	0.0679	0.1869	7.7700	
RD	10670	1	12.8200	0.90	11.5380	11.7249	20.5900	
IND	10670	1	20.5000	0.85	17.4250	29.1499	41.0900	
CMU	10670	2	30.3300	0.60	18.1980	47.3479	71.4200	66.30
RD	10680	1	18.3900	0.90	16.5510	16.5510	18.3900	90.00
CMU	10690	1	2.4900	0.60	1.4940	1.4940	2.4900	
RD	10690	1	19.8700	0.90	17.8830	19.3770	22.3600	86.66
RMF	10700	1	0.2500	0.50	0.1250	0.1250	0.2500	
SRM	10700	2	0.4500	0.25	0.1125	0.2375	0.7000	
PUB	10700	3	0.6000	0.25	0.1500	0.3875	1.3000	
COM	10700	2	2.2900	0.85	1.9465	2.3340	3.5900	
RM	10700	8	2.4000	0.40	0.9600	3.2940	5.9900	
RD	10700	1	3.4600	0.90	3.1140	6.4080	9.4500	
VAC	10700	4	11.8200	0.01	0.1182	6.5262	21.2700	30.68
PUB	10710	2	0.6400	0.25	0.1600	0.1600	0.6400	
VAC	10710	15	4.3500	0.01	0.0435	0.2035	4.9900	
COM	10710	4	6.0200	0.85	5.1170	5.3205	11.0100	
SRL	10710	6	10.3100	0.15	1.5465	6.8670	21.3200	
SRM	10710	16	12.2800	0.25	3.0700	9.9370	33.6000	
RD	10710	1	20.6400	0.90	18.5760	28.5130	54.2400	
RM	10710	28	35.5400	0.40	14.2160	42.7290	89.7800	47.59
FOR	10720	1	0.0200	0.01	0.0002	0.0002	0.0200	
RMF	10720	2	0.5100	0.50	0.2550	0.2552	0.5300	
COM	10720	1	0.6200	0.85	0.5270	0.7822	1.1500	
VAC	10720	2	1.3600	0.01	0.0136	0.7958	2.5100	
RD	10720	2	3.5200	0.90	3.1680	3.9638	6.0300	
RM	10720	1	22.6200	0.40	9.0480	13.0118	28.6500	45.42
CMU	10730	1	0.5700	0.60	0.3420	0.3420	0.5700	
RM	10730	2	1.2500	0.40	0.5000	0.8420	1.8200	

<b>Table A-2. Imperviousness Computations by Land Use, 2003 Conditions</b>								
<b>Milldam Creek Watershed</b>								
1/9/2004								
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Note: These computations are based on a frequency analysis of the land use data contained in the City's GIS. The actual imperviousness used in the SWMM modeling may be adjusted to reflect future development or conditions that are not otherwise reflected in the GIS land use coverage.								
From GIS				Computations				Percent Impervious
Lucode	ID	Count	Sum_Acres	inc imp	inc imp*area	cum imp*area	cum area	
VAC	10730	3	1.4200	0.01	0.0142	0.8562	3.2400	
RD	10730	2	5.1200	0.90	4.6080	5.4642	8.3600	
RMF	10730	2	11.8000	0.50	5.9000	11.3642	20.1600	
COM	10730	1	18.4300	0.85	15.6655	27.0297	38.5900	70.04
VAC	10740	3	1.7800	0.01	0.0178	0.0178	1.7800	
RD	10740	1	2.5000	0.90	2.2500	2.2678	4.2800	
RMF	10740	2	4.0700	0.50	2.0350	4.3028	8.3500	
COM	10740	1	6.2500	0.85	5.3125	9.6153	14.6000	65.86
RM	10750	1	0.0200	0.40	0.0080	0.0080	0.0200	
RD	10750	1	0.5300	0.90	0.4770	0.4850	0.5500	
RMF	10750	1	1.0100	0.50	0.5050	0.9900	1.5600	
VAC	10750	1	1.0600	0.01	0.0106	1.0006	2.6200	38.19
VAC	10760	2	3.5600	0.01	0.0356	0.0356	3.5600	
RD	10760	1	6.8800	0.90	6.1920	6.2276	10.4400	
COM	10760	1	16.5600	0.85	14.0760	20.3036	27.0000	75.20
IND	10770	1	3.8500	0.85	3.2725	3.2725	3.8500	
COM	10770	1	5.7100	0.85	4.8535	8.1260	9.5600	
VAC	10770	1	6.2900	0.01	0.0629	8.1889	15.8500	
CMU	10770	1	6.5200	0.60	3.9120	12.1009	22.3700	
RM	10770	1	9.0800	0.40	3.6320	15.7329	31.4500	
RD	10770	1	10.8800	0.90	9.7920	25.5249	42.3300	
FOR	10770	1	34.3000	0.01	0.3430	25.8679	76.6300	33.76
VAC	10780	2	0.5600	0.01	0.0056	0.0056	0.5600	
RD	10780	3	3.2600	0.90	2.9340	2.9396	3.8200	
AGC	10780	1	3.8400	0.01	0.0384	2.9780	7.6600	
COM	10780	1	15.9300	0.85	13.5405	16.5185	23.5900	
FOR	10780	1	37.0200	0.01	0.3702	16.8887	60.6100	27.86
VAC	10790	1	0.6600	0.01	0.0066	0.0066	0.6600	
FOR	10790	1	11.1300	0.01	0.1113	0.1179	11.7900	
AGC	10790	1	18.9500	0.01	0.1895	0.3074	30.7400	
RD	10790	3	19.9000	0.90	17.9100	18.2174	50.6400	35.97
COM	10800	5	0.0200	0.85	0.0170	0.0170	0.0200	
WAT	10800	3	0.0900	1.00	0.0900	0.1070	0.1100	
RD	10800	2	0.7100	0.90	0.6390	0.7460	0.8200	
VAC	10800	3	2.2600	0.01	0.0226	0.7686	3.0800	24.95
ROW	10810	1	0.8900	0.01	0.0089	0.0089	0.8900	
COM	10810	1	1.2900	0.85	1.0965	1.1054	2.1800	
RD	10810	1	4.2100	0.90	3.7890	4.8944	6.3900	
WAT	10810	2	7.0700	1.00	7.0700	11.9644	13.4600	
VAC	10810	3	9.0200	0.01	0.0902	12.0546	22.4800	53.62

**Table A-2. Imperviousness Computations by Land Use, 2003 Conditions**

Milldam Creek Watershed								
1/9/2004								
Saved as: md_Landuse2003.xls								
Note: These computations are based on a frequency analysis of the land use data contained in the City's GIS. The actual imperviousness used in the SWMM modeling may be adjusted to reflect future development or conditions that are not otherwise reflected in the GIS land use coverage.								
From GIS				Computations				
Lucode	ID	Count	Sum_Acres	inc imp	inc imp*area	cum imp*area	cum area	Percent Impervious
RD	10820	3	7.9200	0.90	7.1280	7.1280	7.9200	90.00
RD	10830	1	6.1800	0.90	5.5620	5.5620	6.1800	90.00
PUB	10840	2	0.5000	0.25	0.1250	0.1250	0.5000	
CMU	10840	2	1.3000	0.60	0.7800	0.9050	1.8000	
VAC	10840	4	2.3700	0.01	0.0237	0.9287	4.1700	
RD	10840	2	6.4900	0.90	5.8410	6.7697	10.6600	
COM	10840	5	33.3200	0.85	28.3220	35.0917	43.9800	79.79
VAC	10850	1	0.4200	0.01	0.0042	0.0042	0.4200	
RD	10850	1	1.0300	0.90	0.9270	0.9312	1.4500	
COM	10850	2	6.4800	0.85	5.5080	6.4392	7.9300	81.20
WAT	10860	2	0.0009	1.00	0.0009	0.0009	0.0009	
VAC	10860	2	0.0014	0.01	0.0000	0.0009	0.0023	
RD	10860	1	0.8600	0.90	0.7740	0.7749	0.8623	
COM	10860	3	4.7200	0.85	4.0120	4.7869	5.5823	85.75
COM	10870	2	0.1600	0.85	0.1360	0.1360	0.1600	
RD	10870	2	1.4900	0.90	1.3410	1.4770	1.6500	89.52
VAC	10880	3	0.5200	0.01	0.0052	0.0052	0.5200	
COM	10880	5	3.5300	0.85	3.0005	3.0057	4.0500	
RD	10880	1	5.1200	0.90	4.6080	7.6137	9.1700	83.03
ROW	10890	1	1.0700	0.01	0.0107	0.0107	1.0700	
COM	10890	1	17.7900	0.85	15.1215	15.1322	18.8600	80.23
COM	10900	1	0.0800	0.85	0.0680	0.0680	0.0800	
RMF	10900	2	0.1400	0.50	0.0700	0.1380	0.2200	
RD	10900	2	0.6100	0.90	0.5490	0.6870	0.8300	
VAC	10900	2	0.8600	0.01	0.0086	0.6956	1.6900	
FOR	10900	4	0.9100	0.01	0.0091	0.7047	2.6000	
GRS	10900	1	12.1700	0.01	0.1217	0.8264	14.7700	5.60
GRS	10910	1	0.0100	0.01	0.0001	0.0001	0.0100	
FOR	10910	3	0.8600	0.01	0.0086	0.0087	0.8700	1.00
VAC	10920	1	0.0036	0.01	0.0000	0.0000	0.0036	
SRM	10920	4	0.0080	0.25	0.0020	0.0020	0.0116	
FOR	10920	2	2.0100	0.01	0.0201	0.0221	2.0216	
GRS	10920	1	3.2300	0.01	0.0323	0.0544	5.2516	1.04
GRS	10930	2	1.6600	0.01	0.0166	0.0166	1.6600	
RD	10930	1	3.3800	0.90	3.0420	3.0586	5.0400	
CMU	10930	2	8.8300	0.60	5.2980	8.3566	13.8700	60.25
RM	10940	1	0.0082	0.40	0.0033	0.0033	0.0082	
VAC	10940	1	0.0700	0.01	0.0007	0.0040	0.0782	
SRM	10940	7	0.1000	0.25	0.0250	0.0290	0.1782	
FOR	10940	3	1.7600	0.01	0.0176	0.0466	1.9382	

<b>Table A-2. Imperviousness Computations by Land Use, 2003 Conditions</b>								
<b>Milldam Creek Watershed</b>								
1/9/2004								
Saved as: md_Landuse2003.xls								
Note: These computations are based on a frequency analysis of the land use data contained in the City's GIS.								
The actual imperviousness used in the SWMM modeling may be adjusted to reflect future development or conditions that are not otherwise reflected in the GIS land use coverage.								
From GIS				Computations				
Lucode	ID	Count	Sum_Acres	inc imp	inc imp*area	cum imp*area	cum area	Percent Impervious
CMU	10940	4	3.8700	0.60	2.3220	2.3686	5.8082	
RD	10940	1	3.9200	0.90	3.5280	5.8966	9.7282	
COM	10940	2	6.5100	0.85	5.5335	11.4301	16.2382	
GRS	10940	3	9.1000	0.01	0.0910	11.5211	25.3382	45.47
VAC	10950	2	0.0044	0.01	0.0000	0.0000	0.0044	
GRS	10950	2	0.1700	0.01	0.0017	0.0017	0.1744	
FOR	10950	1	1.1500	0.01	0.0115	0.0132	1.3244	1.00
		<b>Total Area (acres):</b>	2272.31					

<b>Table A-3. Subcatchment Soil Texture</b>					
<b>Milldam Creek Watershed</b>					
1/9/2004					
ID	ACRES	Soil_Type	SUCT	HYDCON	SMDMAX
10000	6.81	Ub	4.33	0.86	0.246
10005	12.22	Ub	4.33	0.86	0.246
10010	41.11	Ud	4.33	0.86	0.246
10020	12.65	Bdu	4.33	0.86	0.246
10030	33.24	Bdu	4.33	0.86	0.246
10040	12.90	Wcu	4.33	0.86	0.246
10050	8.45	Bdu	4.33	0.86	0.246
10060	24.62	Ud	4.33	0.86	0.246
10070	77.53	W	12.45	0.02	0.079
10080	16.63	Ub	4.33	0.86	0.246
10090	46.47	W	12.45	0.02	0.079
10100	23.15	Ub	4.33	0.86	0.246
10110	23.11	W	12.45	0.02	0.079
10120	23.81	Ud	4.33	0.86	0.246
10130	36.39	Ud	4.33	0.86	0.246
10140	24.58	Ud	4.33	0.86	0.246
10150	45.83	Ud	4.33	0.86	0.246
10160	29.95	Ub	4.33	0.86	0.246
10170	22.59	W	12.45	0.02	0.079
10180	5.66	Ub	4.33	0.86	0.246
10190	27.14	Wg	4.33	0.86	0.246
10200	21.68	Ud	4.33	0.86	0.246
10210	19.50	Oc	4.33	0.86	0.246

<b>Table A-3. Subcatchment Soil Texture</b>						
<b>Milldam Creek Watershed</b>						
1/9/2004						
<b>ID</b>	<b>ACRES</b>	<b>Soil_Type</b>	<b>SUCT</b>	<b>HYDCON</b>	<b>SMDMAX</b>	
10220	28.62	Wg	4.33	0.86	0.246	
10230	29.23	Ud	4.33	0.86	0.246	
10240	21.89	Bdu	4.33	0.86	0.246	
10250	14.48	Ub	4.33	0.86	0.246	
10260	4.99	Ub	4.33	0.86	0.246	
10270	16.32	Ud	4.33	0.86	0.246	
10280	26.20	Ub	4.33	0.86	0.246	
10290	21.07	Ud	4.33	0.86	0.246	
10300	15.65	Ocu	4.33	0.86	0.246	
10310	37.62	Ud	4.33	0.86	0.246	
10320	14.75	Bdu	4.33	0.86	0.246	
10330	4.96	Ub	4.33	0.86	0.246	
10340	31.59	Ocu	4.33	0.86	0.246	
10350	13.95	Bdu	4.33	0.86	0.246	
10360	21.57	Ocu	4.33	0.86	0.246	
10370	9.52	Ud	4.33	0.86	0.246	
10380	58.45	Ocu	4.33	0.86	0.246	
10390	11.74	Bdu	4.33	0.86	0.246	
10400	8.13	Ocu	4.33	0.86	0.246	
10410	6.62	Ocu	4.33	0.86	0.246	
10420	4.85	Ocu	4.33	0.86	0.246	
10430	17.21	Ocu	4.33	0.86	0.246	
10440	19.77	Ocu	4.33	0.86	0.246	
10450	7.28	Mbu	6.57	0.27	0.171	
10460	29.90	Bdu	4.33	0.86	0.246	
10470	15.10	Ub	4.33	0.86	0.246	
10480	15.91	Dau	4.33	0.86	0.246	
10520	32.13	Ocu	4.33	0.86	0.246	
10530	40.27	Bdu	4.33	0.86	0.246	
10540	20.45	Ocu	4.33	0.86	0.246	
10550	39.76	Bdu	4.33	0.86	0.246	
10560	7.23	Gau	2.41	2.35	0.312	
10570	58.48	Ub	4.33	0.86	0.246	
10580	29.35	Mdu	4.33	0.86	0.246	
10590	26.90	Mbu	6.57	0.27	0.171	
10600	36.96	Ud	4.33	0.86	0.246	
10610	29.67	Dau	4.33	0.86	0.246	
10620	29.43	Dau	4.33	0.86	0.246	
10630	37.22	Bdu	4.33	0.86	0.246	
10640	31.10	Ocu	4.33	0.86	0.246	
10650	27.74	Ocu	4.33	0.86	0.246	
10660	9.31	Ud	4.33	0.86	0.246	
10670	71.43	Ub	4.33	0.86	0.246	
10680	18.39	Mbu	6.57	0.27	0.171	
10690	22.37	Mbu	6.57	0.27	0.171	
10700	21.30	Ocu	4.33	0.86	0.246	
10710	89.82	Ub	4.33	0.86	0.246	

<b>Table A-3. Subcatchment Soil Texture</b>					
<b>Milldam Creek Watershed</b>					
1/9/2004					
<b>ID</b>	<b>ACRES</b>	<b>Soil_Type</b>	<b>SUCT</b>	<b>HYDCON</b>	<b>SMDMAX</b>
10720	28.67	Dau	4.33	0.86	0.246
10730	38.61	Ub	4.33	0.86	0.246
10740	14.61	Ub	4.33	0.86	0.246
10750	2.64	Ub	4.33	0.86	0.246
10760	27.01	Ub	4.33	0.86	0.246
10770	76.64	Oc	4.33	0.86	0.246
10780	60.64	Oc	4.33	0.86	0.246
10790	50.66	Bdu	4.33	0.86	0.246
10800	3.10	Ub	4.33	0.86	0.246
10810	22.51	Ub	4.33	0.86	0.246
10820	7.92	Ud	4.33	0.86	0.246
10830	6.18	Ud	4.33	0.86	0.246
10840	43.99	Ub	4.33	0.86	0.246
10850	7.94	Ub	4.33	0.86	0.246
10860	5.58	Ub	4.33	0.86	0.246
10870	1.65	Ud	4.33	0.86	0.246
10880	9.18	Ud	4.33	0.86	0.246
10890	18.87	Ub	4.33	0.86	0.246
10900	14.80	Oc	4.33	0.86	0.246
10910	0.87	Gau	2.41	2.35	0.312
10920	5.26	La	6.57	0.27	0.171
10930	13.88	Ub	4.33	0.86	0.246
10940	25.36	Gau	2.41	2.35	0.312
10950	1.33	Gau	2.41	2.35	0.312
<b>94 Subcatchments</b>					