

(a)

	SD1	SD2	FD
No. of sub-catchments	51	4409	4367
No. of nodes	242	6963	6963
No. of pipes	270	6993	6993
Catchment area (ha)	846	851	851
Contributing % impervious	43	40	15
Contributing % pervious	56	60	0
Average area (ha)	16.6	0.2	0.006*
Standard deviation (ha)	13.4	0.8	0.000*
Max. (ha)	61.8	40.1	0.099*
Min. (ha)	11.7	0.005	0.006*
Total length (km)	~ 16	~ 150	~ 150
No. of manholes	236	6207	6207
No. of 2-D elements	no	no	117 712

(b)

	SD1 (ha)	SD2 (ha)	FD (ha)
Loc1	–	0.9	0.9
Loc2	–	6.7	6.6
Loc3	–	9.5	9.5
Loc4	–	21.3	21.3
Loc5	–	24.6	24.6
Loc6	36	42.9	42.9
Loc7	80	43.7	43.7
Loc8	80	83.9	83.9
Loc9	137	129.2	129.2
Loc10	290	254.8	254.8
Loc11	484	448.3	448.3
Loc12	538	502.5	502.5
Loc13	846	626.6	626.6

* Dimension of the two-dimensional triangular mesh elements.