

Design Settings

Rainfall Methodology	FSR	Maximum Time of Concentration (mins)	30.00
Return Period (years)	100	Maximum Rainfall (mm/hr)	50.0
Additional Flow (%)	40	Minimum Velocity (m/s)	1.00
FSR Region	England and Wales	Connection Type	Level Soffits
M5-60 (mm)	17.000	Minimum Backdrop Height (m)	0.000
Ratio-R	0.400	Preferred Cover Depth (m)	1.200
CV	0.750	Include Intermediate Ground	✓
Time of Entry (mins)	5.00	Enforce best practice design rules	✓

Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
S52	0.040	5.00	167.411	1200	401189.758	340341.701	1.075
S25	0.045	5.00	167.212	1350	401163.050	340352.918	1.137
S27	0.015	5.00	166.933	1200	401123.799	340361.585	1.433
S28	0.037	5.00	166.682	1200	401098.317	340362.592	1.642
S33	0.029	5.00	165.392	1200	401065.778	340352.263	2.271
S34	0.045	5.00	164.616	1200	401048.084	340352.190	2.396
S36	0.048	5.00	163.285	1200	401021.152	340366.869	2.615
S42	0.016	5.00	159.219	1350	400958.549	340381.358	1.219
S158	0.015	5.00	160.449	1200	400976.767	340377.756	2.549
S159			161.119	1200	400976.114	340388.700	3.719
S160			159.910	1200	400957.927	340392.961	2.710
INFILTRATION BASIN 1 INLET			158.343	1	400952.375	340371.083	2.541

Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
1.000	S52	S25	28.968	0.600	166.336	166.150	0.186	155.7	225	5.46	50.0
1.001	S25	S27	40.197	0.600	166.075	165.500	0.575	69.9	225	5.89	50.0
1.002	S27	S28	25.502	0.600	165.500	165.040	0.460	55.4	225	6.13	50.0
1.003	S28	S33	34.139	0.600	165.040	163.121	1.919	17.8	225	6.31	50.0
1.004	S33	S34	17.694	0.600	163.121	162.220	0.901	19.6	225	6.41	50.0
1.005	S34	S36	30.672	0.600	162.220	160.670	1.550	19.8	225	6.59	50.0
1.006	S36	S158	45.700	0.600	160.670	157.900	2.770	16.5	225	6.82	50.0
2.000	S42	S158	18.571	0.600	158.000	157.900	0.100	185.7	225	5.32	50.0
1.007	S158	S159	10.964	0.600	157.900	157.400	0.500	21.9	225	6.89	50.0
1.008	S159	S160	18.680	0.030	157.400	157.200	0.200	93.4	1000	7.03	50.0

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
1.000	1.045	41.5	7.6	0.850	0.837	0.040	0.0	65	0.797
1.001	1.566	62.3	16.1	0.912	1.208	0.085	0.0	78	1.319
1.002	1.760	70.0	19.0	1.208	1.417	0.100	0.0	80	1.499
1.003	3.117	123.9	26.0	1.417	2.046	0.137	0.0	70	2.484
1.004	2.966	117.9	31.5	2.046	2.171	0.166	0.0	80	2.528
1.005	2.954	117.5	40.0	2.171	2.390	0.211	0.0	90	2.677
1.006	3.237	128.7	49.1	2.390	2.324	0.259	0.0	96	3.025
2.000	0.956	38.0	3.0	0.994	2.324	0.016	0.0	43	0.574
1.007	2.806	111.6	55.0	2.324	3.494	0.290	0.0	111	2.792
1.008	2.210	7734.6	55.0	2.719	1.710	0.290	0.0	108	0.614

Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
1.009	S160	INFILTRATION BASIN 1 INLET	22.572	0.030	157.200	155.802	1.398	16.1	300	7.28	50.0

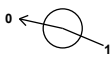
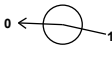
Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
1.009	1.475	104.3	55.0	2.410	2.241	0.290	0.0	155	1.496

Pipeline Schedule

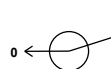
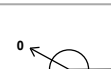
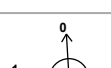
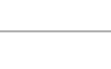
Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.000	28.968	155.7	225	Circular	167.411	166.336	0.850	167.212	166.150	0.837
1.001	40.197	69.9	225	Circular	167.212	166.075	0.912	166.933	165.500	1.208
1.002	25.502	55.4	225	Circular	166.933	165.500	1.208	166.682	165.040	1.417
1.003	34.139	17.8	225	Circular	166.682	165.040	1.417	165.392	163.121	2.046
1.004	17.694	19.6	225	Circular	165.392	163.121	2.046	164.616	162.220	2.171
1.005	30.672	19.8	225	Circular	164.616	162.220	2.171	163.285	160.670	2.390
1.006	45.700	16.5	225	Circular	163.285	160.670	2.390	160.449	157.900	2.324
2.000	18.571	185.7	225	Circular	159.219	158.000	0.994	160.449	157.900	2.324
1.007	10.964	21.9	225	Circular	160.449	157.900	2.324	161.119	157.400	3.494
1.008	18.680	93.4	1000	SWALE	161.119	157.400	2.719	159.910	157.200	1.710
1.009	22.572	16.1	300	Circular	159.910	157.200	2.410	158.343	155.802	2.241

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.000	S52	1200	Manhole	Adoptable	S25	1350	Manhole	Adoptable
1.001	S25	1350	Manhole	Adoptable	S27	1200	Manhole	Adoptable
1.002	S27	1200	Manhole	Adoptable	S28	1200	Manhole	Adoptable
1.003	S28	1200	Manhole	Adoptable	S33	1200	Manhole	Adoptable
1.004	S33	1200	Manhole	Adoptable	S34	1200	Manhole	Adoptable
1.005	S34	1200	Manhole	Adoptable	S36	1200	Manhole	Adoptable
1.006	S36	1200	Manhole	Adoptable	S158	1200	Manhole	Adoptable
2.000	S42	1350	Manhole	Adoptable	S158	1200	Manhole	Adoptable
1.007	S158	1200	Manhole	Adoptable	S159	1200	Manhole	Adoptable
1.008	S159	1200	Manhole	Adoptable	S160	1200	Manhole	Adoptable
1.009	S160	1200	Manhole	Adoptable	INFILTRATION BASIN 1 INLET	1	Manhole	Adoptable

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
S52	401189.758	340341.701	167.411	1.075	1200		0	1.000	166.336
S25	401163.050	340352.918	167.212	1.137	1350		1	1.000	166.150
S27	401123.799	340361.585	166.933	1.433	1200		0	1.001	166.075
							1	1.001	165.500
							0	1.002	165.500
							1	1.002	165.500

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
S28	401098.317	340362.592	166.682	1.642	1200		1	1.002	165.040	225
S33	401065.778	340352.263	165.392	2.271	1200		0	1.003	165.040	225
						1	1.003	163.121	225	
S34	401048.084	340352.190	164.616	2.396	1200		0	1.004	163.121	225
						1	1.004	162.220	225	
S36	401021.152	340366.869	163.285	2.615	1200		0	1.005	162.220	225
						1	1.005	160.670	225	
S42	400958.549	340381.358	159.219	1.219	1350		0	1.006	160.670	225
						0	2.000	158.000	225	
S158	400976.767	340377.756	160.449	2.549	1200		1	2.000	157.900	225
						2	1.006	157.900	225	
S159	400976.114	340388.700	161.119	3.719	1200		0	1.007	157.900	225
						1	1.007	157.400	225	
S160	400957.927	340392.961	159.910	2.710	1200		0	1.008	157.400	1000
						1	1.008	157.200	1000	
INFILTRATION BASIN 1 INLET	400952.375	340371.083	158.343	2.541	1		0	1.009	157.200	300
						1	1.009	155.802	300	

Simulation Settings

Rainfall Methodology	FSR	Analysis Speed	Normal
FSR Region	England and Wales	Skip Steady State	x
M5-60 (mm)	17.000	Drain Down Time (mins)	240
Ratio-R	0.400	Additional Storage (m³/ha)	0.0
Summer CV	0.750	Check Discharge Rate(s)	x
Winter CV	0.840	Check Discharge Volume	x

Storm Durations

15 | 30 | 60 | 120 | 180 | 240 | 360 | 480 | 600 | 720 | 960 | 1440



Return Period (years)	Climate Change (CC %)	Additional Area (A %)	Additional Flow (Q %)
1	0	0	0
2	0	0	0
30	0	0	0
100	40	0	0
1000	0	0	0

Node INFILTRATION BASIN 1 INLET Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.07164	Safety Factor	10.0	Invert Level (m)	155.250
Side Inf Coefficient (m/hr)	0.07164	Porosity	1.00	Time to half empty (mins)	11803

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	75.0	75.0	2.100	393.1	393.1

Results for 1 year Critical Storm Duration. Lowest mass balance: 98.79%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S52		11	166.387	0.051	4.8	0.0579	0.0000	OK
15 minute winter	S25		10	166.136	0.060	10.0	0.0865	0.0000	OK
15 minute winter	S27		11	165.565	0.065	11.5	0.0733	0.0000	OK
15 minute winter	S28		11	165.094	0.054	15.7	0.0611	0.0000	OK
15 minute winter	S33		11	163.183	0.062	19.0	0.0699	0.0000	OK
15 minute winter	S34		11	162.290	0.070	24.1	0.0792	0.0000	OK
15 minute winter	S36		11	160.743	0.073	29.5	0.0826	0.0000	OK
15 minute winter	S42		10	158.034	0.034	1.9	0.0480	0.0000	OK
15 minute winter	S158		11	157.992	0.092	33.1	0.1039	0.0000	OK
15 minute winter	S159		11	157.483	0.083	33.1	0.0934	0.0000	OK
15 minute winter	S160		12	157.316	0.116	32.8	0.1316	0.0000	OK
1440 minute winter	INFILTRATION BASIN 1 INLET		1320	155.689	-0.114	1.9	47.4468	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S52	1.000	S25	4.6	0.691	0.111	0.1940
15 minute winter	S25	1.001	S27	9.8	1.096	0.157	0.3605
15 minute winter	S27	1.002	S28	11.6	1.388	0.166	0.2136
15 minute winter	S28	1.003	S33	15.8	1.954	0.127	0.2754
15 minute winter	S33	1.004	S34	19.1	1.974	0.162	0.1712
15 minute winter	S34	1.005	S36	24.1	2.228	0.205	0.3324
15 minute winter	S36	1.006	S158	29.6	2.247	0.230	0.6028
15 minute winter	S42	2.000	S158	1.8	0.216	0.049	0.1754
15 minute winter	S158	1.007	S159	33.1	2.331	0.297	0.1558
15 minute winter	S159	1.008	S160	32.8	0.423	0.004	1.4914
15 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	32.4	1.293	0.311	0.5655
1440 minute winter	INFILTRATION BASIN 1 INLET		Infiltration	0.3			

Results for 2 year Critical Storm Duration. Lowest mass balance: 98.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S52	10	166.395	0.059	6.2	0.0662	0.0000	OK
15 minute winter	S25	10	166.144	0.069	12.8	0.0988	0.0000	OK
15 minute winter	S27	11	165.574	0.074	14.9	0.0840	0.0000	OK
15 minute winter	S28	11	165.102	0.062	20.4	0.0696	0.0000	OK
15 minute winter	S33	11	163.192	0.071	24.6	0.0802	0.0000	OK
15 minute winter	S34	11	162.301	0.081	31.2	0.0911	0.0000	OK
15 minute winter	S36	11	160.754	0.084	38.3	0.0947	0.0000	OK
15 minute winter	S42	10	158.038	0.038	2.5	0.0547	0.0000	OK
15 minute winter	S158	11	158.008	0.108	42.9	0.1217	0.0000	OK
15 minute winter	S159	11	157.495	0.095	43.0	0.1074	0.0000	OK
15 minute winter	S160	12	157.335	0.135	42.7	0.1522	0.0000	OK
1440 minute winter	INFILTRATION BASIN 1 INLET	1380	155.788	-0.014	2.3	62.1957	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S52	1.000	S25	6.0	0.743	0.144	0.2330
15 minute winter	S25	1.001	S27	12.7	1.173	0.203	0.4350
15 minute winter	S27	1.002	S28	15.0	1.487	0.214	0.2575
15 minute winter	S28	1.003	S33	20.4	2.099	0.165	0.3328
15 minute winter	S33	1.004	S34	24.7	2.108	0.209	0.2074
15 minute winter	S34	1.005	S36	31.3	2.388	0.266	0.4017
15 minute winter	S36	1.006	S158	38.3	2.385	0.298	0.7356
15 minute winter	S42	2.000	S158	2.4	0.225	0.063	0.2148
15 minute winter	S158	1.007	S159	43.0	2.481	0.385	0.1900
15 minute winter	S159	1.008	S160	42.7	0.452	0.006	1.8177
15 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	42.1	1.385	0.403	0.6855
1440 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 30 year Critical Storm Duration. Lowest mass balance: 98.79%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S52		10	166.418	0.082	11.6	0.0930	0.0000	OK
15 minute winter	S25		10	166.173	0.098	24.4	0.1408	0.0000	OK
15 minute winter	S27		11	165.606	0.106	28.4	0.1199	0.0000	OK
15 minute winter	S28		11	165.126	0.086	38.5	0.0971	0.0000	OK
15 minute winter	S33		11	163.223	0.102	46.6	0.1151	0.0000	OK
15 minute winter	S34		11	162.337	0.117	59.1	0.1319	0.0000	OK
15 minute winter	S36		11	160.790	0.120	72.5	0.1362	0.0000	OK
15 minute winter	S42		11	158.073	0.073	4.7	0.1040	0.0000	OK
15 minute winter	S158		11	158.071	0.171	81.6	0.1930	0.0000	OK
15 minute winter	S159		11	157.532	0.132	81.5	0.1493	0.0000	OK
15 minute winter	S160		12	157.401	0.201	81.0	0.2272	0.0000	OK
960 minute winter	INFILTRATION BASIN 1 INLET		960	156.072	0.270	5.7	112.7493	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S52	1.000	S25	11.3	0.884	0.271	0.3712
15 minute winter	S25	1.001	S27	24.0	1.379	0.386	0.7007
15 minute winter	S27	1.002	S28	28.4	1.758	0.405	0.4116
15 minute winter	S28	1.003	S33	38.7	2.470	0.312	0.5348
15 minute winter	S33	1.004	S34	46.8	2.450	0.397	0.3380
15 minute winter	S34	1.005	S36	59.3	2.800	0.505	0.6500
15 minute winter	S36	1.006	S158	72.8	2.718	0.566	1.2323
15 minute winter	S42	2.000	S158	4.7	0.251	0.123	0.4030
15 minute winter	S158	1.007	S159	81.5	2.872	0.731	0.3098
15 minute winter	S159	1.008	S160	81.0	0.511	0.010	3.1452
15 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	79.6	1.606	0.763	1.1189
960 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.4			

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 98.79%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S52		10	166.452	0.116	21.0	0.1311	0.0000	OK
15 minute winter	S25		10	166.218	0.143	44.2	0.2044	0.0000	OK
15 minute winter	S27		11	165.656	0.156	51.5	0.1761	0.0000	OK
15 minute winter	S28		11	165.161	0.121	69.8	0.1366	0.0000	OK
15 minute winter	S33		10	163.271	0.150	84.4	0.1691	0.0000	OK
15 minute winter	S34		12	162.636	0.416	106.9	0.4710	0.0000	SURCHARGED
15 minute winter	S36		12	161.346	0.676	131.6	0.7647	0.0000	SURCHARGED
15 minute winter	S42		12	158.648	0.648	15.3	0.9271	0.0000	SURCHARGED
15 minute winter	S158		12	158.643	0.743	131.5	0.8406	0.0000	SURCHARGED
15 minute winter	S159		14	157.615	0.215	131.5	0.2434	0.0000	OK
15 minute winter	S160		14	157.610	0.410	128.9	0.4642	0.0000	SURCHARGED
1440 minute winter	INFILTRATION BASIN 1 INLET		1410	156.521	0.719	7.2	217.7288	0.0000	OK
Link Event (Upstream Depth)		US Node	Link	DS Node		Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S52		1.000	S25		20.5	1.028	0.492	0.5791
15 minute winter	S25		1.001	S27		43.6	1.566	0.700	1.1184
15 minute winter	S27		1.002	S28		51.3	2.007	0.733	0.6503
15 minute winter	S28		1.003	S33		69.8	2.834	0.563	0.8454
15 minute winter	S33		1.004	S34		84.3	2.713	0.715	0.5980
15 minute winter	S34		1.005	S36		106.4	3.035	0.906	1.2199
15 minute winter	S36		1.006	S158		118.3	2.974	0.919	1.8175
15 minute winter	S42		2.000	S158		14.6	0.547	0.384	0.7386
15 minute winter	S158		1.007	S159		131.5	3.423	1.179	0.4326
15 minute winter	S159		1.008	S160		128.9	0.541	0.017	8.9398
15 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET		110.9	1.638	1.064	1.5179
1440 minute winter	INFILTRATION BASIN 1 INLET		Infiltration			0.5			

Results for 1000 year Critical Storm Duration. Lowest mass balance: 98.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S52	10	166.463	0.127	24.4	0.1441	0.0000	OK
15 minute winter	S25	10	166.235	0.160	51.3	0.2286	0.0000	OK
15 minute winter	S27	11	165.676	0.176	59.8	0.1991	0.0000	OK
15 minute winter	S28	11	165.173	0.133	81.0	0.1505	0.0000	OK
15 minute winter	S33	12	163.956	0.835	97.9	0.9440	0.0000	SURCHARGED
15 minute winter	S34	12	163.358	1.138	114.1	1.2873	0.0000	SURCHARGED
15 minute winter	S36	12	161.891	1.221	135.1	1.3812	0.0000	SURCHARGED
15 minute winter	S42	12	158.794	0.794	10.3	1.1367	0.0000	SURCHARGED
15 minute winter	S158	12	158.789	0.889	141.7	1.0053	0.0000	SURCHARGED
15 minute winter	S159	15	157.683	0.283	142.5	0.3199	0.0000	OK
15 minute winter	S160	15	157.681	0.481	137.9	0.5442	0.0000	SURCHARGED
1440 minute winter	INFILTRATION BASIN 1 INLET	1410	156.642	0.840	8.3	251.0414	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S52	1.000	S25	23.8	1.065	0.573	0.6499
15 minute winter	S25	1.001	S27	50.6	1.602	0.813	1.2684
15 minute winter	S27	1.002	S28	59.7	2.052	0.853	0.7365
15 minute winter	S28	1.003	S33	80.2	2.785	0.648	1.0960
15 minute winter	S33	1.004	S34	86.6	2.680	0.734	0.7037
15 minute winter	S34	1.005	S36	107.5	2.985	0.915	1.2199
15 minute winter	S36	1.006	S158	126.6	3.184	0.984	1.8175
15 minute winter	S42	2.000	S158	15.5	0.467	0.407	0.7386
15 minute winter	S158	1.007	S159	142.5	3.596	1.278	0.4360
15 minute winter	S159	1.008	S160	137.9	0.542	0.018	12.2973
15 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	113.3	1.644	1.086	1.5232
1440 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.6			

Results for 1 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S52	11	166.386	0.050	4.5	0.0564	0.0000	OK
15 minute summer	S25	10	166.134	0.059	9.4	0.0842	0.0000	OK
15 minute summer	S27	11	165.563	0.063	11.0	0.0713	0.0000	OK
15 minute summer	S28	11	165.093	0.053	15.0	0.0597	0.0000	OK
15 minute summer	S33	11	163.181	0.060	18.1	0.0680	0.0000	OK
15 minute summer	S34	11	162.288	0.068	23.1	0.0774	0.0000	OK
15 minute summer	S36	11	160.741	0.071	28.3	0.0807	0.0000	OK
15 minute summer	S42	10	158.033	0.033	1.8	0.0467	0.0000	OK
15 minute summer	S158	11	157.989	0.089	31.6	0.1010	0.0000	OK
15 minute summer	S159	11	157.480	0.080	31.5	0.0909	0.0000	OK
15 minute summer	S160	12	157.313	0.113	31.1	0.1281	0.0000	OK
15 minute summer	INFILTRATION BASIN 1 INLET	34	155.409	-0.393	30.8	13.8222	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S52	1.000	S25	4.4	0.681	0.105	0.1865
15 minute summer	S25	1.001	S27	9.4	1.082	0.150	0.3485
15 minute summer	S27	1.002	S28	11.0	1.366	0.157	0.2061
15 minute summer	S28	1.003	S33	15.0	1.933	0.121	0.2659
15 minute summer	S33	1.004	S34	18.2	1.946	0.154	0.1653
15 minute summer	S34	1.005	S36	23.1	2.202	0.197	0.3218
15 minute summer	S36	1.006	S158	28.3	2.225	0.220	0.5818
15 minute summer	S42	2.000	S158	1.7	0.214	0.046	0.1689
15 minute summer	S158	1.007	S159	31.5	2.305	0.283	0.1501
15 minute summer	S159	1.008	S160	31.1	0.421	0.004	1.4394
15 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	30.8	1.276	0.296	0.5454
15 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.2			

Results for 1 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S52		11	166.387	0.051	4.8	0.0579	0.0000	OK
15 minute winter	S25		10	166.136	0.060	10.0	0.0865	0.0000	OK
15 minute winter	S27		11	165.565	0.065	11.5	0.0733	0.0000	OK
15 minute winter	S28		11	165.094	0.054	15.7	0.0611	0.0000	OK
15 minute winter	S33		11	163.183	0.062	19.0	0.0699	0.0000	OK
15 minute winter	S34		11	162.290	0.070	24.1	0.0792	0.0000	OK
15 minute winter	S36		11	160.743	0.073	29.5	0.0826	0.0000	OK
15 minute winter	S42		10	158.034	0.034	1.9	0.0480	0.0000	OK
15 minute winter	S158		11	157.992	0.092	33.1	0.1039	0.0000	OK
15 minute winter	S159		11	157.483	0.083	33.1	0.0934	0.0000	OK
15 minute winter	S160		12	157.316	0.116	32.8	0.1316	0.0000	OK
15 minute winter	INFILTRATION BASIN 1 INLET		33	155.425	-0.377	32.4	15.4557	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S52		1.000	S25	4.6	0.691	0.111	0.1940
15 minute winter	S25		1.001	S27	9.8	1.096	0.157	0.3605
15 minute winter	S27		1.002	S28	11.6	1.388	0.166	0.2136
15 minute winter	S28		1.003	S33	15.8	1.954	0.127	0.2754
15 minute winter	S33		1.004	S34	19.1	1.974	0.162	0.1712
15 minute winter	S34		1.005	S36	24.1	2.228	0.205	0.3324
15 minute winter	S36		1.006	S158	29.6	2.247	0.230	0.6028
15 minute winter	S42		2.000	S158	1.8	0.216	0.049	0.1754
15 minute winter	S158		1.007	S159	33.1	2.331	0.297	0.1558
15 minute winter	S159		1.008	S160	32.8	0.423	0.004	1.4914
15 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	32.4	1.293	0.311	0.5655
15 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 1 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S52	18	166.384	0.047	4.0	0.0537	0.0000	OK
30 minute summer	S25	18	166.131	0.056	8.5	0.0800	0.0000	OK
30 minute summer	S27	18	165.560	0.059	9.9	0.0673	0.0000	OK
30 minute summer	S28	18	165.090	0.050	13.5	0.0563	0.0000	OK
30 minute summer	S33	18	163.178	0.057	16.3	0.0641	0.0000	OK
30 minute summer	S34	18	162.284	0.064	20.6	0.0728	0.0000	OK
30 minute summer	S36	18	160.737	0.067	25.3	0.0759	0.0000	OK
30 minute summer	S42	18	158.031	0.031	1.6	0.0447	0.0000	OK
30 minute summer	S158	19	157.983	0.083	28.2	0.0944	0.0000	OK
30 minute summer	S159	19	157.476	0.076	28.2	0.0862	0.0000	OK
30 minute summer	S160	20	157.307	0.107	28.3	0.1205	0.0000	OK
30 minute summer	INFILTRATION BASIN 1 INLET	48	155.449	-0.353	27.6	17.9050	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S52	1.000	S25	4.0	0.660	0.095	0.1739
30 minute summer	S25	1.001	S27	8.4	1.052	0.136	0.3225
30 minute summer	S27	1.002	S28	9.8	1.323	0.140	0.1898
30 minute summer	S28	1.003	S33	13.4	1.871	0.108	0.2446
30 minute summer	S33	1.004	S34	16.2	1.891	0.137	0.1518
30 minute summer	S34	1.005	S36	20.5	2.130	0.175	0.2953
30 minute summer	S36	1.006	S158	25.1	2.163	0.195	0.5312
30 minute summer	S42	2.000	S158	1.6	0.209	0.042	0.1545
30 minute summer	S158	1.007	S159	28.2	2.240	0.253	0.1382
30 minute summer	S159	1.008	S160	28.3	0.405	0.004	1.3336
30 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	27.6	1.238	0.264	0.5028
30 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.2			

Results for 1 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S52		18	166.381	0.045	3.6	0.0510	0.0000	OK
30 minute winter	S25		18	166.128	0.053	7.7	0.0762	0.0000	OK
30 minute winter	S27		18	165.557	0.057	9.1	0.0643	0.0000	OK
30 minute winter	S28		18	165.088	0.048	12.4	0.0541	0.0000	OK
30 minute winter	S33		18	163.175	0.054	15.0	0.0614	0.0000	OK
30 minute winter	S34		18	162.282	0.062	19.0	0.0697	0.0000	OK
30 minute winter	S36		18	160.735	0.064	23.3	0.0729	0.0000	OK
30 minute winter	S42		18	158.030	0.030	1.5	0.0434	0.0000	OK
30 minute winter	S158		18	157.980	0.080	26.1	0.0902	0.0000	OK
30 minute winter	S159		19	157.473	0.073	26.0	0.0826	0.0000	OK
30 minute winter	S160		19	157.303	0.103	26.1	0.1161	0.0000	OK
30 minute winter	INFILTRATION BASIN 1 INLET		47	155.470	-0.332	25.7	20.1963	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S52		1.000	S25	3.6	0.642	0.086	0.1618
30 minute winter	S25		1.001	S27	7.7	1.022	0.123	0.3019
30 minute winter	S27		1.002	S28	9.0	1.289	0.129	0.1787
30 minute winter	S28		1.003	S33	12.4	1.832	0.100	0.2306
30 minute winter	S33		1.004	S34	14.9	1.846	0.126	0.1430
30 minute winter	S34		1.005	S36	18.9	2.083	0.161	0.2787
30 minute winter	S36		1.006	S158	23.2	2.118	0.180	0.5014
30 minute winter	S42		2.000	S158	1.5	0.200	0.039	0.1463
30 minute winter	S158		1.007	S159	26.0	2.198	0.233	0.1300
30 minute winter	S159		1.008	S160	26.1	0.392	0.003	1.2655
30 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	25.7	1.213	0.246	0.4775
30 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 1 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S52	33	166.377	0.041	3.0	0.0466	0.0000	OK
60 minute summer	S25	33	166.124	0.048	6.4	0.0694	0.0000	OK
60 minute summer	S27	33	165.551	0.051	7.5	0.0582	0.0000	OK
60 minute summer	S28	33	165.083	0.043	10.2	0.0491	0.0000	OK
60 minute summer	S33	34	163.170	0.049	12.3	0.0556	0.0000	OK
60 minute summer	S34	33	162.276	0.056	15.7	0.0631	0.0000	OK
60 minute summer	S36	33	160.728	0.058	19.2	0.0661	0.0000	OK
60 minute summer	S42	33	158.027	0.027	1.2	0.0390	0.0000	OK
60 minute summer	S158	34	157.972	0.072	21.4	0.0809	0.0000	OK
60 minute summer	S159	34	157.466	0.066	21.4	0.0743	0.0000	OK
60 minute summer	S160	35	157.293	0.093	21.4	0.1049	0.0000	OK
60 minute summer	INFILTRATION BASIN 1 INLET	76	155.490	-0.312	21.2	22.4059	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S52	1.000	S25	3.0	0.608	0.072	0.1421
60 minute summer	S25	1.001	S27	6.4	0.974	0.102	0.2629
60 minute summer	S27	1.002	S28	7.4	1.221	0.106	0.1552
60 minute summer	S28	1.003	S33	10.2	1.732	0.082	0.2004
60 minute summer	S33	1.004	S34	12.3	1.758	0.104	0.1242
60 minute summer	S34	1.005	S36	15.6	1.975	0.133	0.2426
60 minute summer	S36	1.006	S158	19.1	2.019	0.148	0.4338
60 minute summer	S42	2.000	S158	1.2	0.186	0.031	0.1256
60 minute summer	S158	1.007	S159	21.4	2.096	0.192	0.1122
60 minute summer	S159	1.008	S160	21.4	0.370	0.003	1.0994
60 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	21.2	1.151	0.203	0.4155
60 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.2			

Results for 1 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S52		34	166.373	0.037	2.4	0.0418	0.0000	OK
60 minute winter	S25		33	166.119	0.044	5.2	0.0626	0.0000	OK
60 minute winter	S27		33	165.547	0.046	6.1	0.0526	0.0000	OK
60 minute winter	S28		33	165.080	0.040	8.4	0.0447	0.0000	OK
60 minute winter	S33		33	163.166	0.045	10.2	0.0503	0.0000	OK
60 minute winter	S34		33	162.271	0.051	12.9	0.0572	0.0000	OK
60 minute winter	S36		33	160.723	0.053	15.8	0.0599	0.0000	OK
60 minute winter	S42		34	158.025	0.025	1.0	0.0359	0.0000	OK
60 minute winter	S158		34	157.965	0.065	17.7	0.0730	0.0000	OK
60 minute winter	S159		34	157.459	0.059	17.7	0.0669	0.0000	OK
60 minute winter	S160		35	157.284	0.084	17.7	0.0953	0.0000	OK
60 minute winter	INFILTRATION BASIN 1 INLET		75	155.515	-0.287	17.6	25.2191	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S52		1.000	S25	2.4	0.571	0.058	0.1217
60 minute winter	S25		1.001	S27	5.2	0.919	0.083	0.2274
60 minute winter	S27		1.002	S28	6.1	1.153	0.087	0.1348
60 minute winter	S28		1.003	S33	8.4	1.637	0.067	0.1743
60 minute winter	S33		1.004	S34	10.1	1.662	0.086	0.1079
60 minute winter	S34		1.005	S36	12.9	1.874	0.110	0.2112
60 minute winter	S36		1.006	S158	15.8	1.918	0.122	0.3769
60 minute winter	S42		2.000	S158	1.0	0.180	0.026	0.1094
60 minute winter	S158		1.007	S159	17.7	2.002	0.159	0.0970
60 minute winter	S159		1.008	S160	17.7	0.346	0.002	0.9647
60 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	17.6	1.092	0.169	0.3636
60 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 1 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event			US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120	minute summer	S52		64	166.370	0.034	2.0	0.0382	0.0000	OK
120	minute summer	S25		64	166.114	0.039	4.2	0.0564	0.0000	OK
120	minute summer	S27		64	165.542	0.042	4.9	0.0472	0.0000	OK
120	minute summer	S28		64	165.075	0.035	6.7	0.0400	0.0000	OK
120	minute summer	S33		64	163.161	0.040	8.1	0.0450	0.0000	OK
120	minute summer	S34		64	162.265	0.045	10.3	0.0509	0.0000	OK
120	minute summer	S36		64	160.717	0.047	12.6	0.0536	0.0000	OK
120	minute summer	S42		64	158.023	0.023	0.8	0.0322	0.0000	OK
120	minute summer	S158		64	157.957	0.057	14.1	0.0647	0.0000	OK
120	minute summer	S159		64	157.452	0.052	14.1	0.0588	0.0000	OK
120	minute summer	S160		66	157.275	0.075	14.0	0.0848	0.0000	OK
120	minute summer	INFILTRATION BASIN 1 INLET		136	155.533	-0.269	14.0	27.2570	0.0000	OK
Link Event			US Node	Link	DS Node		Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120	minute summer	S52		1.000	S25		2.0	0.541	0.048	0.1068
120	minute summer	S25		1.001	S27		4.2	0.864	0.067	0.1950
120	minute summer	S27		1.002	S28		4.9	1.083	0.070	0.1151
120	minute summer	S28		1.003	S33		6.7	1.534	0.054	0.1484
120	minute summer	S33		1.004	S34		8.1	1.559	0.068	0.0914
120	minute summer	S34		1.005	S36		10.2	1.750	0.087	0.1794
120	minute summer	S36		1.006	S158		12.6	1.806	0.098	0.3199
120	minute summer	S42		2.000	S158		0.8	0.169	0.021	0.0927
120	minute summer	S158		1.007	S159		14.1	1.898	0.126	0.0814
120	minute summer	S159		1.008	S160		14.0	0.321	0.002	0.8235
120	minute summer	S160		1.009	INFILTRATION BASIN 1 INLET		14.0	1.023	0.134	0.3087
120	minute summer	INFILTRATION BASIN 1 INLET		Infiltration			0.2			

Results for 1 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S52		66	166.365	0.029	1.5	0.0332	0.0000	OK
120 minute winter	S25		66	166.110	0.035	3.2	0.0495	0.0000	OK
120 minute winter	S27		66	165.537	0.037	3.8	0.0417	0.0000	OK
120 minute winter	S28		66	165.071	0.031	5.2	0.0355	0.0000	OK
120 minute winter	S33		66	163.156	0.035	6.3	0.0399	0.0000	OK
120 minute winter	S34		66	162.260	0.040	8.0	0.0450	0.0000	OK
120 minute winter	S36		66	160.712	0.042	9.8	0.0474	0.0000	OK
120 minute winter	S42		66	158.020	0.020	0.6	0.0282	0.0000	OK
120 minute winter	S158		66	157.950	0.050	11.0	0.0569	0.0000	OK
120 minute winter	S159		66	157.445	0.045	11.0	0.0513	0.0000	OK
120 minute winter	S160		66	157.266	0.066	11.0	0.0751	0.0000	OK
120 minute winter	INFILTRATION BASIN 1 INLET		134	155.561	-0.241	11.0	30.6168	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S52		1.000	S25	1.5	0.497	0.036	0.0874
120 minute winter	S25		1.001	S27	3.2	0.794	0.051	0.1621
120 minute winter	S27		1.002	S28	3.8	1.007	0.054	0.0965
120 minute winter	S28		1.003	S33	5.2	1.425	0.042	0.1247
120 minute winter	S33		1.004	S34	6.3	1.452	0.053	0.0768
120 minute winter	S34		1.005	S36	8.0	1.632	0.068	0.1504
120 minute winter	S36		1.006	S158	9.8	1.680	0.076	0.2672
120 minute winter	S42		2.000	S158	0.6	0.156	0.016	0.0769
120 minute winter	S158		1.007	S159	11.0	1.788	0.099	0.0675
120 minute winter	S159		1.008	S160	11.0	0.295	0.001	0.7034
120 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	11.0	0.955	0.105	0.2599
120 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 1 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S52		96	166.365	0.029	1.5	0.0332	0.0000	OK
180 minute summer	S25		96	166.110	0.035	3.2	0.0494	0.0000	OK
180 minute summer	S27		96	165.537	0.037	3.8	0.0417	0.0000	OK
180 minute summer	S28		96	165.071	0.031	5.2	0.0355	0.0000	OK
180 minute summer	S33		96	163.156	0.035	6.3	0.0399	0.0000	OK
180 minute summer	S34		96	162.260	0.040	8.0	0.0450	0.0000	OK
180 minute summer	S36		96	160.712	0.042	9.8	0.0474	0.0000	OK
180 minute summer	S42		96	158.020	0.020	0.6	0.0282	0.0000	OK
180 minute summer	S158		96	157.950	0.050	11.0	0.0569	0.0000	OK
180 minute summer	S159		96	157.445	0.045	11.0	0.0513	0.0000	OK
180 minute summer	S160		96	157.266	0.066	11.0	0.0749	0.0000	OK
180 minute summer	INFILTRATION BASIN 1 INLET		196	155.565	-0.237	10.9	31.1327	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S52		1.000	S25	1.5	0.497	0.036	0.0874
180 minute summer	S25		1.001	S27	3.2	0.794	0.051	0.1621
180 minute summer	S27		1.002	S28	3.8	1.007	0.054	0.0965
180 minute summer	S28		1.003	S33	5.2	1.425	0.042	0.1247
180 minute summer	S33		1.004	S34	6.3	1.452	0.053	0.0768
180 minute summer	S34		1.005	S36	8.0	1.632	0.068	0.1503
180 minute summer	S36		1.006	S158	9.8	1.680	0.076	0.2671
180 minute summer	S42		2.000	S158	0.6	0.154	0.016	0.0769
180 minute summer	S158		1.007	S159	11.0	1.788	0.099	0.0674
180 minute summer	S159		1.008	S160	11.0	0.295	0.001	0.7019
180 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	10.9	0.954	0.105	0.2589
180 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 1 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S52		96	166.362	0.026	1.2	0.0299	0.0000	OK
180 minute winter	S25		96	166.106	0.031	2.5	0.0439	0.0000	OK
180 minute winter	S27		96	165.532	0.032	2.9	0.0365	0.0000	OK
180 minute winter	S28		96	165.068	0.028	4.0	0.0313	0.0000	OK
180 minute winter	S33		96	163.152	0.031	4.8	0.0350	0.0000	OK
180 minute winter	S34		96	162.255	0.035	6.1	0.0393	0.0000	OK
180 minute winter	S36		96	160.707	0.037	7.5	0.0416	0.0000	OK
180 minute winter	S42		96	158.018	0.018	0.5	0.0259	0.0000	OK
180 minute winter	S158		96	157.944	0.044	8.4	0.0497	0.0000	OK
180 minute winter	S159		96	157.439	0.039	8.4	0.0441	0.0000	OK
180 minute winter	S160		96	157.258	0.058	8.4	0.0656	0.0000	OK
180 minute winter	INFILTRATION BASIN 1 INLET		192	155.589	-0.213	8.4	34.1255	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S52		1.000	S25	1.2	0.465	0.029	0.0748
180 minute winter	S25		1.001	S27	2.5	0.745	0.040	0.1349
180 minute winter	S27		1.002	S28	2.9	0.929	0.041	0.0799
180 minute winter	S28		1.003	S33	4.0	1.322	0.032	0.1034
180 minute winter	S33		1.004	S34	4.8	1.342	0.041	0.0633
180 minute winter	S34		1.005	S36	6.1	1.507	0.052	0.1241
180 minute winter	S36		1.006	S158	7.5	1.558	0.058	0.2205
180 minute winter	S42		2.000	S158	0.5	0.152	0.013	0.0643
180 minute winter	S158		1.007	S159	8.4	1.678	0.075	0.0549
180 minute winter	S159		1.008	S160	8.4	0.268	0.001	0.5894
180 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	8.4	0.882	0.080	0.2142
180 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 1 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event			US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
	240 minute summer	S52		124	166.363	0.027	1.3	0.0308	0.0000	OK
	240 minute summer	S25		124	166.107	0.032	2.7	0.0452	0.0000	OK
	240 minute summer	S27		124	165.533	0.033	3.2	0.0378	0.0000	OK
	240 minute summer	S28		124	165.069	0.029	4.3	0.0324	0.0000	OK
	240 minute summer	S33		124	163.153	0.032	5.2	0.0362	0.0000	OK
	240 minute summer	S34		124	162.256	0.036	6.6	0.0407	0.0000	OK
	240 minute summer	S36		124	160.708	0.038	8.0	0.0429	0.0000	OK
	240 minute summer	S42		128	158.018	0.018	0.5	0.0259	0.0000	OK
	240 minute summer	S158		124	157.945	0.045	9.0	0.0512	0.0000	OK
	240 minute summer	S159		124	157.440	0.040	8.9	0.0454	0.0000	OK
	240 minute summer	S160		128	157.260	0.060	8.8	0.0676	0.0000	OK
	240 minute summer	INFILTRATION BASIN 1 INLET		256	155.574	-0.228	8.9	32.2028	0.0000	OK
	Link Event	US Node	Link		DS Node		Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240	minute summer	S52	1.000	S25			1.3	0.473	0.031	0.0782
240	minute summer	S25	1.001	S27			2.7	0.755	0.043	0.1414
240	minute summer	S27	1.002	S28			3.1	0.947	0.044	0.0839
240	minute summer	S28	1.003	S33			4.3	1.348	0.035	0.1087
240	minute summer	S33	1.004	S34			5.2	1.373	0.044	0.0666
240	minute summer	S34	1.005	S36			6.5	1.538	0.056	0.1301
240	minute summer	S36	1.006	S158			8.0	1.585	0.062	0.2306
240	minute summer	S42	2.000	S158			0.5	0.150	0.013	0.0666
240	minute summer	S158	1.007	S159			8.9	1.705	0.080	0.0574
240	minute summer	S159	1.008	S160			8.8	0.275	0.001	0.6116
240	minute summer	S160	1.009	INFILTRATION BASIN 1 INLET			8.9	0.898	0.085	0.2239
240	minute summer	INFILTRATION BASIN 1 INLET		Infiltration			0.2			

Results for 1 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S52	128	166.359	0.023	0.9	0.0260	0.0000	OK
240 minute winter	S25	124	166.103	0.028	2.0	0.0395	0.0000	OK
240 minute winter	S27	128	165.529	0.029	2.4	0.0333	0.0000	OK
240 minute winter	S28	128	165.065	0.025	3.3	0.0286	0.0000	OK
240 minute winter	S33	128	163.149	0.028	4.0	0.0321	0.0000	OK
240 minute winter	S34	128	162.252	0.032	5.1	0.0361	0.0000	OK
240 minute winter	S36	128	160.704	0.034	6.2	0.0379	0.0000	OK
240 minute winter	S42	128	158.016	0.016	0.4	0.0234	0.0000	OK
240 minute winter	S158	128	157.940	0.040	7.0	0.0454	0.0000	OK
240 minute winter	S159	128	157.435	0.035	7.0	0.0397	0.0000	OK
240 minute winter	S160	128	157.253	0.053	7.0	0.0601	0.0000	OK
240 minute winter	INFILTRATION BASIN 1 INLET	252	155.613	-0.189	7.0	37.2352	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S52	1.000	S25	0.9	0.427	0.022	0.0611
240 minute winter	S25	1.001	S27	2.0	0.690	0.032	0.1168
240 minute winter	S27	1.002	S28	2.4	0.877	0.034	0.0698
240 minute winter	S28	1.003	S33	3.3	1.241	0.027	0.0908
240 minute winter	S33	1.004	S34	4.0	1.271	0.034	0.0558
240 minute winter	S34	1.005	S36	5.1	1.435	0.043	0.1091
240 minute winter	S36	1.006	S158	6.2	1.468	0.048	0.1934
240 minute winter	S42	2.000	S158	0.4	0.143	0.011	0.0362
240 minute winter	S158	1.007	S159	7.0	1.607	0.063	0.0478
240 minute winter	S159	1.008	S160	7.0	0.251	0.001	0.5262
240 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	7.0	0.836	0.067	0.1890
240 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.2			

Results for 1 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S52		184	166.360	0.024	1.0	0.0271	0.0000	OK
360 minute summer	S25		184	166.103	0.028	2.1	0.0400	0.0000	OK
360 minute summer	S27		184	165.530	0.030	2.5	0.0335	0.0000	OK
360 minute summer	S28		184	165.065	0.025	3.3	0.0287	0.0000	OK
360 minute summer	S33		184	163.149	0.028	4.0	0.0320	0.0000	OK
360 minute summer	S34		184	162.252	0.032	5.1	0.0360	0.0000	OK
360 minute summer	S36		184	160.704	0.034	6.3	0.0380	0.0000	OK
360 minute summer	S42		184	158.016	0.016	0.4	0.0231	0.0000	OK
360 minute summer	S158		184	157.940	0.040	7.0	0.0454	0.0000	OK
360 minute summer	S159		184	157.435	0.035	7.0	0.0395	0.0000	OK
360 minute summer	S160		184	157.252	0.052	6.9	0.0592	0.0000	OK
360 minute summer	INFILTRATION BASIN 1 INLET		376	155.595	-0.207	6.8	34.8953	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S52		1.000	S25	1.0	0.437	0.023	0.0647
360 minute summer	S25		1.001	S27	2.1	0.698	0.033	0.1184
360 minute summer	S27		1.002	S28	2.4	0.881	0.035	0.0702
360 minute summer	S28		1.003	S33	3.3	1.243	0.027	0.0908
360 minute summer	S33		1.004	S34	4.0	1.271	0.034	0.0556
360 minute summer	S34		1.005	S36	5.1	1.425	0.043	0.1090
360 minute summer	S36		1.006	S158	6.2	1.473	0.048	0.1935
360 minute summer	S42		2.000	S158	0.4	0.137	0.010	0.0559
360 minute summer	S158		1.007	S159	7.0	1.608	0.062	0.0475
360 minute summer	S159		1.008	S160	6.9	0.251	0.001	0.5186
360 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	6.8	0.829	0.065	0.1849
360 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 1 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S52	184	166.356	0.020	0.7	0.0231	0.0000	OK
360 minute winter	S25	184	166.099	0.024	1.5	0.0345	0.0000	OK
360 minute winter	S27	192	165.526	0.026	1.8	0.0291	0.0000	OK
360 minute winter	S28	184	165.062	0.022	2.5	0.0251	0.0000	OK
360 minute winter	S33	184	163.146	0.025	3.0	0.0280	0.0000	OK
360 minute winter	S34	184	162.248	0.028	3.8	0.0313	0.0000	OK
360 minute winter	S36	184	160.699	0.029	4.7	0.0332	0.0000	OK
360 minute winter	S42	184	158.014	0.014	0.3	0.0205	0.0000	OK
360 minute winter	S158	184	157.935	0.035	5.3	0.0395	0.0000	OK
360 minute winter	S159	184	157.430	0.030	5.3	0.0337	0.0000	OK
360 minute winter	S160	184	157.246	0.046	5.3	0.0522	0.0000	OK
360 minute winter	INFILTRATION BASIN 1 INLET	368	155.629	-0.173	5.2	39.2651	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S52	1.000	S25	0.7	0.396	0.017	0.0512
360 minute winter	S25	1.001	S27	1.5	0.633	0.024	0.0957
360 minute winter	S27	1.002	S28	1.8	0.811	0.026	0.0573
360 minute winter	S28	1.003	S33	2.5	1.145	0.020	0.0745
360 minute winter	S33	1.004	S34	3.0	1.164	0.025	0.0455
360 minute winter	S34	1.005	S36	3.8	1.304	0.032	0.0891
360 minute winter	S36	1.006	S158	4.7	1.351	0.036	0.1585
360 minute winter	S42	2.000	S158	0.3	0.135	0.008	0.0460
360 minute winter	S158	1.007	S159	5.3	1.504	0.047	0.0384
360 minute winter	S159	1.008	S160	5.3	0.226	0.001	0.4392
360 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	5.2	0.768	0.050	0.1538
360 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 1 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S52		248	166.358	0.022	0.8	0.0246	0.0000	OK
480 minute summer	S25		248	166.101	0.026	1.7	0.0366	0.0000	OK
480 minute summer	S27		248	165.527	0.027	2.0	0.0306	0.0000	OK
480 minute summer	S28		248	165.063	0.023	2.7	0.0260	0.0000	OK
480 minute summer	S33		248	163.147	0.026	3.3	0.0293	0.0000	OK
480 minute summer	S34		248	162.249	0.029	4.2	0.0329	0.0000	OK
480 minute summer	S36		248	160.701	0.031	5.1	0.0345	0.0000	OK
480 minute summer	S42		248	158.014	0.014	0.3	0.0205	0.0000	OK
480 minute summer	S158		248	157.936	0.036	5.7	0.0411	0.0000	OK
480 minute summer	S159		248	157.431	0.031	5.7	0.0353	0.0000	OK
480 minute summer	S160		248	157.248	0.048	5.7	0.0543	0.0000	OK
480 minute summer	INFILTRATION BASIN 1 INLET		496	155.616	-0.186	5.7	37.6177	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S52		1.000	S25	0.8	0.412	0.019	0.0563
480 minute summer	S25		1.001	S27	1.7	0.659	0.027	0.1037
480 minute summer	S27		1.002	S28	2.0	0.836	0.029	0.0613
480 minute summer	S28		1.003	S33	2.7	1.167	0.022	0.0792
480 minute summer	S33		1.004	S34	3.3	1.197	0.028	0.0488
480 minute summer	S34		1.005	S36	4.2	1.356	0.036	0.0951
480 minute summer	S36		1.006	S158	5.1	1.391	0.040	0.1679
480 minute summer	S42		2.000	S158	0.3	0.129	0.008	0.0481
480 minute summer	S158		1.007	S159	5.7	1.532	0.051	0.0409
480 minute summer	S159		1.008	S160	5.7	0.232	0.001	0.4623
480 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	5.7	0.787	0.055	0.1634
480 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 1 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S52	248	166.355	0.019	0.6	0.0215	0.0000	OK
480 minute winter	S25	248	166.098	0.023	1.3	0.0322	0.0000	OK
480 minute winter	S27	248	165.524	0.024	1.5	0.0266	0.0000	OK
480 minute winter	S28	248	165.060	0.020	2.0	0.0226	0.0000	OK
480 minute winter	S33	248	163.143	0.022	2.4	0.0252	0.0000	OK
480 minute winter	S34	248	162.245	0.025	3.1	0.0285	0.0000	OK
480 minute winter	S36	248	160.697	0.027	3.8	0.0300	0.0000	OK
480 minute winter	S42	208	158.012	0.012	0.2	0.0169	0.0000	OK
480 minute winter	S158	248	157.931	0.031	4.2	0.0355	0.0000	OK
480 minute winter	S159	248	157.426	0.026	4.2	0.0296	0.0000	OK
480 minute winter	S160	248	157.241	0.041	4.2	0.0469	0.0000	OK
480 minute winter	INFILTRATION BASIN 1 INLET	480	155.647	-0.155	4.2	41.7218	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S52	1.000	S25	0.6	0.378	0.014	0.0460
480 minute winter	S25	1.001	S27	1.3	0.612	0.021	0.0853
480 minute winter	S27	1.002	S28	1.5	0.768	0.021	0.0498
480 minute winter	S28	1.003	S33	2.0	1.071	0.016	0.0637
480 minute winter	S33	1.004	S34	2.4	1.082	0.020	0.0393
480 minute winter	S34	1.005	S36	3.1	1.230	0.026	0.0773
480 minute winter	S36	1.006	S158	3.8	1.279	0.030	0.1362
480 minute winter	S42	2.000	S158	0.2	0.119	0.005	0.0383
480 minute winter	S158	1.007	S159	4.2	1.426	0.038	0.0324
480 minute winter	S159	1.008	S160	4.2	0.206	0.001	0.3832
480 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	4.2	0.719	0.040	0.1319
480 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 1 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S52		315	166.355	0.019	0.6	0.0215	0.0000	OK
600 minute summer	S25		315	166.098	0.023	1.3	0.0322	0.0000	OK
600 minute summer	S27		315	165.524	0.023	1.5	0.0265	0.0000	OK
600 minute summer	S28		315	165.060	0.020	2.1	0.0231	0.0000	OK
600 minute summer	S33		315	163.144	0.023	2.6	0.0262	0.0000	OK
600 minute summer	S34		315	162.246	0.026	3.3	0.0293	0.0000	OK
600 minute summer	S36		315	160.698	0.028	4.1	0.0311	0.0000	OK
600 minute summer	S42		315	158.014	0.014	0.3	0.0205	0.0000	OK
600 minute summer	S158		315	157.933	0.033	4.6	0.0370	0.0000	OK
600 minute summer	S159		315	157.428	0.028	4.6	0.0312	0.0000	OK
600 minute summer	S160		315	157.243	0.043	4.6	0.0490	0.0000	OK
600 minute summer	INFILTRATION BASIN 1 INLET		615	155.630	-0.173	4.6	39.3652	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S52		1.000	S25	0.6	0.378	0.014	0.0460
600 minute summer	S25		1.001	S27	1.3	0.614	0.021	0.0851
600 minute summer	S27		1.002	S28	1.5	0.758	0.021	0.0504
600 minute summer	S28		1.003	S33	2.1	1.074	0.017	0.0668
600 minute summer	S33		1.004	S34	2.6	1.118	0.022	0.0413
600 minute summer	S34		1.005	S36	3.3	1.248	0.028	0.0811
600 minute summer	S36		1.006	S158	4.1	1.302	0.032	0.1444
600 minute summer	S42		2.000	S158	0.3	0.137	0.008	0.0427
600 minute summer	S158		1.007	S159	4.6	1.458	0.041	0.0347
600 minute summer	S159		1.008	S160	4.6	0.214	0.001	0.4050
600 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	4.6	0.739	0.044	0.1406
600 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 1 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S52	315	166.353	0.017	0.5	0.0197	0.0000	OK
600 minute winter	S25	315	166.096	0.021	1.1	0.0298	0.0000	OK
600 minute winter	S27	315	165.522	0.022	1.3	0.0248	0.0000	OK
600 minute winter	S28	315	165.059	0.019	1.8	0.0215	0.0000	OK
600 minute winter	S33	315	163.142	0.021	2.2	0.0242	0.0000	OK
600 minute winter	S34	315	162.244	0.024	2.8	0.0272	0.0000	OK
600 minute winter	S36	315	160.695	0.025	3.4	0.0285	0.0000	OK
600 minute winter	S42	270	158.012	0.012	0.2	0.0169	0.0000	OK
600 minute winter	S158	315	157.930	0.030	3.8	0.0338	0.0000	OK
600 minute winter	S159	315	157.425	0.025	3.8	0.0280	0.0000	OK
600 minute winter	S160	315	157.240	0.040	3.8	0.0447	0.0000	OK
600 minute winter	INFILTRATION BASIN 1 INLET	600	155.669	-0.133	3.8	44.7847	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S52	1.000	S25	0.5	0.357	0.012	0.0406
600 minute winter	S25	1.001	S27	1.1	0.579	0.018	0.0764
600 minute winter	S27	1.002	S28	1.3	0.730	0.019	0.0456
600 minute winter	S28	1.003	S33	1.8	1.033	0.015	0.0597
600 minute winter	S33	1.004	S34	2.2	1.059	0.019	0.0368
600 minute winter	S34	1.005	S36	2.8	1.199	0.024	0.0717
600 minute winter	S36	1.006	S158	3.4	1.229	0.026	0.1265
600 minute winter	S42	2.000	S158	0.2	0.126	0.005	0.0362
600 minute winter	S158	1.007	S159	3.8	1.392	0.034	0.0299
600 minute winter	S159	1.008	S160	3.8	0.198	0.000	0.3609
600 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	3.8	0.698	0.036	0.1229
600 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 1 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S52		375	166.355	0.019	0.6	0.0215	0.0000	OK
720 minute summer	S25		375	166.097	0.022	1.2	0.0310	0.0000	OK
720 minute summer	S27		375	165.523	0.023	1.4	0.0257	0.0000	OK
720 minute summer	S28		375	165.060	0.020	1.9	0.0221	0.0000	OK
720 minute summer	S33		375	163.143	0.022	2.3	0.0247	0.0000	OK
720 minute summer	S34		375	162.244	0.024	2.9	0.0276	0.0000	OK
720 minute summer	S36		375	160.696	0.026	3.6	0.0293	0.0000	OK
720 minute summer	S42		345	158.012	0.012	0.2	0.0169	0.0000	OK
720 minute summer	S158		375	157.931	0.031	4.0	0.0346	0.0000	OK
720 minute summer	S159		375	157.426	0.025	4.0	0.0288	0.0000	OK
720 minute summer	S160		375	157.241	0.040	4.0	0.0458	0.0000	OK
720 minute summer	INFILTRATION BASIN 1 INLET		735	155.636	-0.166	4.0	40.2731	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S52		1.000	S25	0.6	0.378	0.014	0.0460
720 minute summer	S25		1.001	S27	1.2	0.596	0.019	0.0809
720 minute summer	S27		1.002	S28	1.4	0.749	0.020	0.0477
720 minute summer	S28		1.003	S33	1.9	1.053	0.015	0.0617
720 minute summer	S33		1.004	S34	2.3	1.077	0.020	0.0378
720 minute summer	S34		1.005	S36	2.9	1.201	0.025	0.0741
720 minute summer	S36		1.006	S158	3.6	1.254	0.028	0.1314
720 minute summer	S42		2.000	S158	0.2	0.125	0.005	0.0373
720 minute summer	S158		1.007	S159	4.0	1.409	0.036	0.0312
720 minute summer	S159		1.008	S160	4.0	0.203	0.001	0.3722
720 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	4.0	0.709	0.038	0.1274
720 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 1 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S52	330	166.352	0.016	0.4	0.0179	0.0000	OK
720 minute winter	S25	360	166.094	0.019	0.9	0.0271	0.0000	OK
720 minute winter	S27	360	165.520	0.020	1.1	0.0230	0.0000	OK
720 minute winter	S28	360	165.058	0.017	1.5	0.0197	0.0000	OK
720 minute winter	S33	360	163.141	0.019	1.8	0.0220	0.0000	OK
720 minute winter	S34	360	162.242	0.022	2.3	0.0247	0.0000	OK
720 minute winter	S36	360	160.693	0.023	2.8	0.0260	0.0000	OK
720 minute winter	S42	345	158.012	0.012	0.2	0.0169	0.0000	OK
720 minute winter	S158	360	157.928	0.028	3.2	0.0312	0.0000	OK
720 minute winter	S159	360	157.422	0.022	3.2	0.0253	0.0000	OK
720 minute winter	S160	375	157.236	0.036	3.2	0.0412	0.0000	OK
720 minute winter	INFILTRATION BASIN 1 INLET	705	155.678	-0.124	3.2	46.0323	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S52	1.000	S25	0.4	0.339	0.010	0.0342
720 minute winter	S25	1.001	S27	0.9	0.540	0.014	0.0672
720 minute winter	S27	1.002	S28	1.1	0.697	0.016	0.0404
720 minute winter	S28	1.003	S33	1.5	0.981	0.012	0.0522
720 minute winter	S33	1.004	S34	1.8	0.997	0.015	0.0320
720 minute winter	S34	1.005	S36	2.3	1.127	0.020	0.0626
720 minute winter	S36	1.006	S158	2.8	1.151	0.022	0.1117
720 minute winter	S42	2.000	S158	0.2	0.126	0.005	0.0331
720 minute winter	S158	1.007	S159	3.2	1.340	0.029	0.0264
720 minute winter	S159	1.008	S160	3.2	0.185	0.000	0.3256
720 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	3.2	0.662	0.031	0.1091
720 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 1 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S52		495	166.353	0.017	0.5	0.0197	0.0000	OK
960 minute summer	S25		495	166.095	0.020	1.0	0.0285	0.0000	OK
960 minute summer	S27		495	165.521	0.021	1.2	0.0240	0.0000	OK
960 minute summer	S28		495	165.058	0.018	1.6	0.0203	0.0000	OK
960 minute summer	S33		495	163.141	0.020	1.9	0.0226	0.0000	OK
960 minute summer	S34		495	162.242	0.022	2.4	0.0252	0.0000	OK
960 minute summer	S36		495	160.694	0.024	3.0	0.0269	0.0000	OK
960 minute summer	S42		480	158.012	0.012	0.2	0.0169	0.0000	OK
960 minute summer	S158		495	157.928	0.028	3.4	0.0321	0.0000	OK
960 minute summer	S159		495	157.423	0.023	3.4	0.0262	0.0000	OK
960 minute summer	S160		495	157.238	0.037	3.4	0.0424	0.0000	OK
960 minute summer	INFILTRATION BASIN 1 INLET		900	155.641	-0.162	3.4	40.8329	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S52		1.000	S25	0.5	0.357	0.012	0.0406
960 minute summer	S25		1.001	S27	1.0	0.559	0.016	0.0720
960 minute summer	S27		1.002	S28	1.2	0.721	0.017	0.0427
960 minute summer	S28		1.003	S33	1.6	1.005	0.013	0.0544
960 minute summer	S33		1.004	S34	1.9	1.017	0.016	0.0331
960 minute summer	S34		1.005	S36	2.4	1.131	0.020	0.0651
960 minute summer	S36		1.006	S158	3.0	1.178	0.023	0.1167
960 minute summer	S42		2.000	S158	0.2	0.119	0.005	0.0341
960 minute summer	S158		1.007	S159	3.4	1.358	0.030	0.0276
960 minute summer	S159		1.008	S160	3.4	0.190	0.000	0.3375
960 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	3.4	0.674	0.033	0.1138
960 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 1 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S52	420	166.350	0.014	0.3	0.0157	0.0000	OK
960 minute winter	S25	450	166.092	0.017	0.7	0.0241	0.0000	OK
960 minute winter	S27	450	165.518	0.017	0.8	0.0197	0.0000	OK
960 minute winter	S28	450	165.055	0.015	1.1	0.0172	0.0000	OK
960 minute winter	S33	495	163.138	0.017	1.4	0.0196	0.0000	OK
960 minute winter	S34	495	162.240	0.020	1.8	0.0221	0.0000	OK
960 minute winter	S36	495	160.691	0.021	2.2	0.0232	0.0000	OK
960 minute winter	S42	330	158.009	0.009	0.1	0.0124	0.0000	OK
960 minute winter	S158	495	157.924	0.024	2.4	0.0273	0.0000	OK
960 minute winter	S159	495	157.419	0.019	2.4	0.0214	0.0000	OK
960 minute winter	S160	495	157.232	0.032	2.4	0.0359	0.0000	OK
960 minute winter	INFILTRATION BASIN 1 INLET	930	155.686	-0.116	2.4	47.1590	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S52	1.000	S25	0.3	0.313	0.007	0.0278
960 minute winter	S25	1.001	S27	0.7	0.510	0.011	0.0552
960 minute winter	S27	1.002	S28	0.8	0.629	0.011	0.0325
960 minute winter	S28	1.003	S33	1.1	0.895	0.009	0.0431
960 minute winter	S33	1.004	S34	1.4	0.920	0.012	0.0269
960 minute winter	S34	1.005	S36	1.8	1.048	0.015	0.0528
960 minute winter	S36	1.006	S158	2.2	1.084	0.017	0.0928
960 minute winter	S42	2.000	S158	0.1	0.124	0.003	0.0256
960 minute winter	S158	1.007	S159	2.4	1.249	0.022	0.0211
960 minute winter	S159	1.008	S160	2.4	0.164	0.000	0.2750
960 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	2.4	0.607	0.023	0.0892
960 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 1 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S52	720	166.350	0.014	0.3	0.0157	0.0000	OK
1440 minute summer	S25	750	166.092	0.017	0.7	0.0241	0.0000	OK
1440 minute summer	S27	750	165.518	0.017	0.8	0.0197	0.0000	OK
1440 minute summer	S28	750	165.055	0.015	1.1	0.0172	0.0000	OK
1440 minute summer	S33	750	163.138	0.017	1.3	0.0189	0.0000	OK
1440 minute summer	S34	750	162.239	0.019	1.7	0.0215	0.0000	OK
1440 minute summer	S36	750	160.690	0.020	2.1	0.0227	0.0000	OK
1440 minute summer	S42	600	158.009	0.009	0.1	0.0124	0.0000	OK
1440 minute summer	S158	750	157.924	0.024	2.3	0.0268	0.0000	OK
1440 minute summer	S159	750	157.418	0.018	2.3	0.0209	0.0000	OK
1440 minute summer	S160	750	157.231	0.031	2.3	0.0352	0.0000	OK
1440 minute summer	INFILTRATION BASIN 1 INLET	1170	155.627	-0.175	2.3	39.0155	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S52	1.000	S25	0.3	0.313	0.007	0.0278
1440 minute summer	S25	1.001	S27	0.7	0.510	0.011	0.0552
1440 minute summer	S27	1.002	S28	0.8	0.629	0.011	0.0325
1440 minute summer	S28	1.003	S33	1.1	0.895	0.009	0.0420
1440 minute summer	S33	1.004	S34	1.3	0.893	0.011	0.0258
1440 minute summer	S34	1.005	S36	1.7	1.026	0.014	0.0509
1440 minute summer	S36	1.006	S158	2.1	1.067	0.016	0.0900
1440 minute summer	S42	2.000	S158	0.1	0.125	0.003	0.0250
1440 minute summer	S158	1.007	S159	2.3	1.237	0.021	0.0205
1440 minute summer	S159	1.008	S160	2.3	0.162	0.000	0.2682
1440 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	2.3	0.599	0.022	0.0866
1440 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.2			

Results for 1 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S52	750	166.350	0.014	0.3	0.0157	0.0000	OK
1440 minute winter	S25	750	166.091	0.016	0.6	0.0225	0.0000	OK
1440 minute winter	S27	750	165.517	0.017	0.7	0.0187	0.0000	OK
1440 minute winter	S28	750	165.054	0.014	0.9	0.0156	0.0000	OK
1440 minute winter	S33	750	163.137	0.016	1.1	0.0176	0.0000	OK
1440 minute winter	S34	750	162.237	0.017	1.4	0.0196	0.0000	OK
1440 minute winter	S36	750	160.688	0.018	1.7	0.0206	0.0000	OK
1440 minute winter	S42	540	158.009	0.009	0.1	0.0124	0.0000	OK
1440 minute winter	S158	750	157.922	0.022	1.9	0.0245	0.0000	OK
1440 minute winter	S159	750	157.417	0.016	1.9	0.0186	0.0000	OK
1440 minute winter	S160	750	157.228	0.028	1.9	0.0321	0.0000	OK
1440 minute winter	INFILTRATION BASIN 1 INLET	1320	155.689	-0.114	1.9	47.4468	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S52	1.000	S25	0.3	0.313	0.007	0.0278
1440 minute winter	S25	1.001	S27	0.6	0.480	0.010	0.0502
1440 minute winter	S27	1.002	S28	0.7	0.617	0.010	0.0292
1440 minute winter	S28	1.003	S33	0.9	0.835	0.007	0.0370
1440 minute winter	S33	1.004	S34	1.1	0.856	0.009	0.0227
1440 minute winter	S34	1.005	S36	1.4	0.969	0.012	0.0443
1440 minute winter	S36	1.006	S158	1.7	0.996	0.013	0.0785
1440 minute winter	S42	2.000	S158	0.1	0.125	0.003	0.0225
1440 minute winter	S158	1.007	S159	1.9	1.185	0.017	0.0177
1440 minute winter	S159	1.008	S160	1.9	0.149	0.000	0.2400
1440 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	1.9	0.566	0.018	0.0758
1440 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S52	10	166.393	0.057	5.9	0.0647	0.0000	OK
15 minute summer	S25	10	166.143	0.068	12.3	0.0966	0.0000	OK
15 minute summer	S27	11	165.573	0.073	14.3	0.0821	0.0000	OK
15 minute summer	S28	11	165.100	0.060	19.6	0.0682	0.0000	OK
15 minute summer	S33	11	163.190	0.069	23.7	0.0785	0.0000	OK
15 minute summer	S34	11	162.299	0.079	30.0	0.0891	0.0000	OK
15 minute summer	S36	11	160.752	0.082	36.7	0.0926	0.0000	OK
15 minute summer	S42	10	158.037	0.037	2.3	0.0528	0.0000	OK
15 minute summer	S158	11	158.005	0.105	41.1	0.1184	0.0000	OK
15 minute summer	S159	11	157.493	0.093	41.1	0.1047	0.0000	OK
15 minute summer	S160	12	157.331	0.131	40.7	0.1483	0.0000	OK
15 minute summer	INFILTRATION BASIN 1 INLET	34	155.449	-0.353	40.2	17.9618	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S52	1.000	S25	5.7	0.734	0.138	0.2262
15 minute summer	S25	1.001	S27	12.2	1.161	0.195	0.4223
15 minute summer	S27	1.002	S28	14.4	1.469	0.205	0.2497
15 minute summer	S28	1.003	S33	19.6	2.074	0.158	0.3228
15 minute summer	S33	1.004	S34	23.7	2.085	0.201	0.2013
15 minute summer	S34	1.005	S36	30.0	2.363	0.256	0.3899
15 minute summer	S36	1.006	S158	36.8	2.366	0.286	0.7111
15 minute summer	S42	2.000	S158	2.2	0.226	0.059	0.2069
15 minute summer	S158	1.007	S159	41.1	2.454	0.368	0.1834
15 minute summer	S159	1.008	S160	40.7	0.451	0.005	1.7566
15 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	40.2	1.369	0.385	0.6629
15 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.2			

Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S52		10	166.395	0.059	6.2	0.0662	0.0000	OK
15 minute winter	S25		10	166.144	0.069	12.8	0.0988	0.0000	OK
15 minute winter	S27		11	165.574	0.074	14.9	0.0840	0.0000	OK
15 minute winter	S28		11	165.102	0.062	20.4	0.0696	0.0000	OK
15 minute winter	S33		11	163.192	0.071	24.6	0.0802	0.0000	OK
15 minute winter	S34		11	162.301	0.081	31.2	0.0911	0.0000	OK
15 minute winter	S36		11	160.754	0.084	38.3	0.0947	0.0000	OK
15 minute winter	S42		10	158.038	0.038	2.5	0.0547	0.0000	OK
15 minute winter	S158		11	158.008	0.108	42.9	0.1217	0.0000	OK
15 minute winter	S159		11	157.495	0.095	43.0	0.1074	0.0000	OK
15 minute winter	S160		12	157.335	0.135	42.7	0.1522	0.0000	OK
15 minute winter	INFILTRATION BASIN 1 INLET		34	155.471	-0.331	42.1	20.2432	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S52		1.000	S25	6.0	0.743	0.144	0.2330
15 minute winter	S25		1.001	S27	12.7	1.173	0.203	0.4350
15 minute winter	S27		1.002	S28	15.0	1.487	0.214	0.2575
15 minute winter	S28		1.003	S33	20.4	2.099	0.165	0.3328
15 minute winter	S33		1.004	S34	24.7	2.108	0.209	0.2074
15 minute winter	S34		1.005	S36	31.3	2.388	0.266	0.4017
15 minute winter	S36		1.006	S158	38.3	2.385	0.298	0.7356
15 minute winter	S42		2.000	S158	2.4	0.225	0.063	0.2148
15 minute winter	S158		1.007	S159	43.0	2.481	0.385	0.1900
15 minute winter	S159		1.008	S160	42.7	0.452	0.006	1.8177
15 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	42.1	1.385	0.403	0.6855
15 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S52	18	166.390	0.054	5.2	0.0614	0.0000	OK
30 minute summer	S25	18	166.139	0.064	11.1	0.0918	0.0000	OK
30 minute summer	S27	18	165.569	0.069	13.0	0.0776	0.0000	OK
30 minute summer	S28	18	165.097	0.057	17.7	0.0645	0.0000	OK
30 minute summer	S33	18	163.186	0.065	21.4	0.0739	0.0000	OK
30 minute summer	S34	18	162.294	0.074	27.1	0.0841	0.0000	OK
30 minute summer	S36	18	160.747	0.077	33.2	0.0875	0.0000	OK
30 minute summer	S42	18	158.036	0.036	2.1	0.0510	0.0000	OK
30 minute summer	S158	18	157.998	0.098	37.0	0.1106	0.0000	OK
30 minute summer	S159	19	157.488	0.088	36.8	0.0995	0.0000	OK
30 minute summer	S160	19	157.324	0.124	37.0	0.1400	0.0000	OK
30 minute summer	INFILTRATION BASIN 1 INLET	47	155.498	-0.304	36.2	23.2432	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S52	1.000	S25	5.2	0.711	0.124	0.2101
30 minute summer	S25	1.001	S27	11.0	1.129	0.177	0.3926
30 minute summer	S27	1.002	S28	12.9	1.424	0.184	0.2310
30 minute summer	S28	1.003	S33	17.6	2.014	0.142	0.2979
30 minute summer	S33	1.004	S34	21.2	2.025	0.180	0.1857
30 minute summer	S34	1.005	S36	26.9	2.292	0.229	0.3604
30 minute summer	S36	1.006	S158	33.0	2.309	0.256	0.6536
30 minute summer	S42	2.000	S158	2.1	0.218	0.055	0.1909
30 minute summer	S158	1.007	S159	36.8	2.391	0.330	0.1691
30 minute summer	S159	1.008	S160	37.0	0.435	0.005	1.6357
30 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	36.2	1.331	0.347	0.6138
30 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.2			

Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S52		18	166.388	0.052	4.7	0.0584	0.0000	OK
30 minute winter	S25		18	166.136	0.061	10.0	0.0871	0.0000	OK
30 minute winter	S27		18	165.565	0.065	11.8	0.0737	0.0000	OK
30 minute winter	S28		18	165.095	0.055	16.1	0.0616	0.0000	OK
30 minute winter	S33		18	163.183	0.062	19.4	0.0704	0.0000	OK
30 minute winter	S34		18	162.291	0.071	24.7	0.0800	0.0000	OK
30 minute winter	S36		18	160.744	0.074	30.3	0.0835	0.0000	OK
30 minute winter	S42		18	158.034	0.034	1.9	0.0486	0.0000	OK
30 minute winter	S158		18	157.993	0.093	33.8	0.1049	0.0000	OK
30 minute winter	S159		19	157.484	0.084	33.7	0.0949	0.0000	OK
30 minute winter	S160		19	157.318	0.118	33.8	0.1338	0.0000	OK
30 minute winter	INFILTRATION BASIN 1 INLET		47	155.523	-0.279	33.4	26.1305	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S52		1.000	S25	4.7	0.692	0.113	0.1959
30 minute winter	S25		1.001	S27	10.0	1.098	0.160	0.3649
30 minute winter	S27		1.002	S28	11.7	1.387	0.167	0.2156
30 minute winter	S28		1.003	S33	16.0	1.966	0.129	0.2787
30 minute winter	S33		1.004	S34	19.4	1.977	0.164	0.1734
30 minute winter	S34		1.005	S36	24.6	2.236	0.209	0.3371
30 minute winter	S36		1.006	S158	30.1	2.259	0.234	0.6107
30 minute winter	S42		2.000	S158	1.9	0.210	0.050	0.1780
30 minute winter	S158		1.007	S159	33.7	2.339	0.302	0.1582
30 minute winter	S159		1.008	S160	33.8	0.420	0.004	1.5339
30 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	33.4	1.303	0.320	0.5780
30 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S52	33	166.383	0.047	3.9	0.0531	0.0000	OK
60 minute summer	S25	33	166.130	0.055	8.3	0.0791	0.0000	OK
60 minute summer	S27	33	165.559	0.059	9.8	0.0668	0.0000	OK
60 minute summer	S28	33	165.090	0.049	13.3	0.0559	0.0000	OK
60 minute summer	S33	33	163.177	0.056	16.0	0.0636	0.0000	OK
60 minute summer	S34	33	162.284	0.064	20.3	0.0722	0.0000	OK
60 minute summer	S36	33	160.737	0.067	24.8	0.0753	0.0000	OK
60 minute summer	S42	34	158.030	0.030	1.5	0.0434	0.0000	OK
60 minute summer	S158	34	157.983	0.083	27.7	0.0935	0.0000	OK
60 minute summer	S159	34	157.476	0.076	27.7	0.0854	0.0000	OK
60 minute summer	S160	35	157.306	0.106	27.7	0.1200	0.0000	OK
60 minute summer	INFILTRATION BASIN 1 INLET	76	155.547	-0.255	27.3	28.9680	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S52	1.000	S25	3.9	0.656	0.093	0.1712
60 minute summer	S25	1.001	S27	8.3	1.043	0.133	0.3183
60 minute summer	S27	1.002	S28	9.7	1.316	0.138	0.1879
60 minute summer	S28	1.003	S33	13.2	1.865	0.107	0.2420
60 minute summer	S33	1.004	S34	15.9	1.883	0.135	0.1502
60 minute summer	S34	1.005	S36	20.2	2.124	0.172	0.2922
60 minute summer	S36	1.006	S158	24.7	2.155	0.192	0.5251
60 minute summer	S42	2.000	S158	1.5	0.200	0.039	0.1522
60 minute summer	S158	1.007	S159	27.7	2.229	0.248	0.1364
60 minute summer	S159	1.008	S160	27.7	0.398	0.004	1.3231
60 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	27.3	1.235	0.262	0.4997
60 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.2			

Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S52		34	166.378	0.042	3.1	0.0474	0.0000	OK
60 minute winter	S25		34	166.124	0.049	6.6	0.0705	0.0000	OK
60 minute winter	S27		34	165.553	0.053	7.8	0.0597	0.0000	OK
60 minute winter	S28		33	165.085	0.045	10.7	0.0504	0.0000	OK
60 minute winter	S33		33	163.172	0.051	13.0	0.0571	0.0000	OK
60 minute winter	S34		33	162.277	0.057	16.5	0.0648	0.0000	OK
60 minute winter	S36		33	160.730	0.060	20.3	0.0680	0.0000	OK
60 minute winter	S42		33	158.028	0.028	1.3	0.0405	0.0000	OK
60 minute winter	S158		33	157.974	0.074	22.7	0.0836	0.0000	OK
60 minute winter	S159		34	157.468	0.068	22.7	0.0766	0.0000	OK
60 minute winter	S160		34	157.296	0.096	22.7	0.1085	0.0000	OK
60 minute winter	INFILTRATION BASIN 1 INLET		75	155.575	-0.227	22.6	32.3289	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S52		1.000	S25	3.1	0.615	0.075	0.1460
60 minute winter	S25		1.001	S27	6.6	0.980	0.106	0.2710
60 minute winter	S27		1.002	S28	7.8	1.240	0.111	0.1608
60 minute winter	S28		1.003	S33	10.7	1.754	0.086	0.2081
60 minute winter	S33		1.004	S34	13.0	1.781	0.110	0.1290
60 minute winter	S34		1.005	S36	16.5	2.003	0.140	0.2522
60 minute winter	S36		1.006	S158	20.2	2.044	0.157	0.4533
60 minute winter	S42		2.000	S158	1.3	0.192	0.034	0.1320
60 minute winter	S158		1.007	S159	22.7	2.125	0.203	0.1172
60 minute winter	S159		1.008	S160	22.7	0.373	0.003	1.1508
60 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	22.6	1.171	0.216	0.4349
60 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S52		64	166.374	0.038	2.5	0.0426	0.0000	OK
120 minute summer	S25		64	166.119	0.044	5.3	0.0632	0.0000	OK
120 minute summer	S27		64	165.547	0.047	6.2	0.0530	0.0000	OK
120 minute summer	S28		64	165.080	0.040	8.5	0.0450	0.0000	OK
120 minute summer	S33		64	163.166	0.045	10.3	0.0507	0.0000	OK
120 minute summer	S34		64	162.271	0.051	13.1	0.0575	0.0000	OK
120 minute summer	S36		64	160.724	0.053	16.1	0.0605	0.0000	OK
120 minute summer	S42		64	158.025	0.025	1.0	0.0359	0.0000	OK
120 minute summer	S158		64	157.965	0.065	17.9	0.0735	0.0000	OK
120 minute summer	S159		64	157.459	0.059	17.9	0.0672	0.0000	OK
120 minute summer	S160		66	157.285	0.085	17.8	0.0958	0.0000	OK
120 minute summer	INFILTRATION BASIN 1 INLET		136	155.594	-0.208	17.8	34.7065	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S52		1.000	S25	2.5	0.577	0.060	0.1253
120 minute summer	S25		1.001	S27	5.3	0.924	0.085	0.2304
120 minute summer	S27		1.002	S28	6.2	1.158	0.088	0.1364
120 minute summer	S28		1.003	S33	8.5	1.644	0.068	0.1761
120 minute summer	S33		1.004	S34	10.3	1.670	0.087	0.1089
120 minute summer	S34		1.005	S36	13.1	1.877	0.111	0.2133
120 minute summer	S36		1.006	S158	16.0	1.927	0.125	0.3810
120 minute summer	S42		2.000	S158	1.0	0.177	0.026	0.1102
120 minute summer	S158		1.007	S159	17.9	2.008	0.160	0.0977
120 minute summer	S159		1.008	S160	17.8	0.347	0.002	0.9695
120 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	17.8	1.096	0.170	0.3663
120 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S52	66	166.369	0.033	1.9	0.0373	0.0000	OK
120 minute winter	S25	64	166.114	0.039	4.1	0.0558	0.0000	OK
120 minute winter	S27	64	165.541	0.041	4.8	0.0467	0.0000	OK
120 minute winter	S28	64	165.075	0.035	6.6	0.0398	0.0000	OK
120 minute winter	S33	64	163.161	0.040	8.0	0.0448	0.0000	OK
120 minute winter	S34	64	162.265	0.045	10.2	0.0508	0.0000	OK
120 minute winter	S36	64	160.717	0.047	12.5	0.0534	0.0000	OK
120 minute winter	S42	66	158.023	0.023	0.8	0.0322	0.0000	OK
120 minute winter	S158	64	157.957	0.057	14.0	0.0644	0.0000	OK
120 minute winter	S159	64	157.452	0.052	14.0	0.0587	0.0000	OK
120 minute winter	S160	66	157.275	0.075	14.0	0.0847	0.0000	OK
120 minute winter	INFILTRATION BASIN 1 INLET	134	155.626	-0.176	14.0	38.9676	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S52	1.000	S25	1.9	0.533	0.046	0.1032
120 minute winter	S25	1.001	S27	4.1	0.858	0.066	0.1923
120 minute winter	S27	1.002	S28	4.8	1.076	0.069	0.1139
120 minute winter	S28	1.003	S33	6.6	1.528	0.053	0.1474
120 minute winter	S33	1.004	S34	8.0	1.557	0.068	0.0911
120 minute winter	S34	1.005	S36	10.2	1.751	0.087	0.1785
120 minute winter	S36	1.006	S158	12.5	1.799	0.097	0.3179
120 minute winter	S42	2.000	S158	0.8	0.171	0.021	0.0923
120 minute winter	S158	1.007	S159	14.0	1.893	0.125	0.0810
120 minute winter	S159	1.008	S160	14.0	0.320	0.002	0.8246
120 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	14.0	1.022	0.134	0.3084
120 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.2			

Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S52		96	166.369	0.033	1.9	0.0373	0.0000	OK
180 minute summer	S25		96	166.114	0.039	4.0	0.0551	0.0000	OK
180 minute summer	S27		96	165.541	0.041	4.7	0.0463	0.0000	OK
180 minute summer	S28		96	165.075	0.035	6.4	0.0392	0.0000	OK
180 minute summer	S33		96	163.160	0.039	7.8	0.0443	0.0000	OK
180 minute summer	S34		96	162.264	0.044	9.9	0.0500	0.0000	OK
180 minute summer	S36		96	160.716	0.046	12.1	0.0525	0.0000	OK
180 minute summer	S42		96	158.021	0.021	0.7	0.0303	0.0000	OK
180 minute summer	S158		96	157.956	0.056	13.5	0.0633	0.0000	OK
180 minute summer	S159		96	157.451	0.051	13.5	0.0575	0.0000	OK
180 minute summer	S160		96	157.274	0.074	13.5	0.0831	0.0000	OK
180 minute summer	INFILTRATION BASIN 1 INLET		196	155.623	-0.179	13.4	38.5073	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S52		1.000	S25	1.9	0.533	0.046	0.1032
180 minute summer	S25		1.001	S27	4.0	0.850	0.064	0.1893
180 minute summer	S27		1.002	S28	4.7	1.072	0.067	0.1120
180 minute summer	S28		1.003	S33	6.4	1.511	0.052	0.1446
180 minute summer	S33		1.004	S34	7.8	1.545	0.066	0.0894
180 minute summer	S34		1.005	S36	9.9	1.738	0.084	0.1747
180 minute summer	S36		1.006	S158	12.1	1.786	0.094	0.3102
180 minute summer	S42		2.000	S158	0.7	0.156	0.018	0.0887
180 minute summer	S158		1.007	S159	13.5	1.877	0.121	0.0789
180 minute summer	S159		1.008	S160	13.5	0.316	0.002	0.8048
180 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	13.4	1.011	0.129	0.3001
180 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S52		96	166.364	0.028	1.4	0.0322	0.0000	OK
180 minute winter	S25		96	166.109	0.033	3.0	0.0479	0.0000	OK
180 minute winter	S27		100	165.535	0.035	3.5	0.0400	0.0000	OK
180 minute winter	S28		96	165.070	0.030	4.8	0.0342	0.0000	OK
180 minute winter	S33		96	163.155	0.034	5.8	0.0383	0.0000	OK
180 minute winter	S34		96	162.258	0.038	7.4	0.0433	0.0000	OK
180 minute winter	S36		96	160.710	0.040	9.1	0.0457	0.0000	OK
180 minute winter	S42		96	158.020	0.020	0.6	0.0282	0.0000	OK
180 minute winter	S158		100	157.948	0.048	10.2	0.0548	0.0000	OK
180 minute winter	S159		100	157.444	0.044	10.2	0.0492	0.0000	OK
180 minute winter	S160		100	157.264	0.064	10.2	0.0723	0.0000	OK
180 minute winter	INFILTRATION BASIN 1 INLET		192	155.658	-0.144	10.2	43.2169	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S52		1.000	S25	1.4	0.487	0.034	0.0833
180 minute winter	S25		1.001	S27	3.0	0.785	0.048	0.1538
180 minute winter	S27		1.002	S28	3.5	0.982	0.050	0.0910
180 minute winter	S28		1.003	S33	4.8	1.392	0.039	0.1178
180 minute winter	S33		1.004	S34	5.8	1.416	0.049	0.0725
180 minute winter	S34		1.005	S36	7.4	1.594	0.063	0.1425
180 minute winter	S36		1.006	S158	9.1	1.646	0.071	0.2532
180 minute winter	S42		2.000	S158	0.6	0.159	0.016	0.0737
180 minute winter	S158		1.007	S159	10.2	1.757	0.091	0.0637
180 minute winter	S159		1.008	S160	10.2	0.287	0.001	0.6695
180 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	10.2	0.934	0.098	0.2465
180 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S52	124	166.366	0.030	1.6	0.0341	0.0000	OK
240 minute summer	S25	124	166.110	0.035	3.4	0.0506	0.0000	OK
240 minute summer	S27	124	165.538	0.037	4.0	0.0424	0.0000	OK
240 minute summer	S28	124	165.072	0.032	5.4	0.0362	0.0000	OK
240 minute summer	S33	124	163.157	0.036	6.6	0.0408	0.0000	OK
240 minute summer	S34	124	162.261	0.041	8.4	0.0460	0.0000	OK
240 minute summer	S36	124	160.713	0.043	10.3	0.0484	0.0000	OK
240 minute summer	S42	128	158.020	0.020	0.6	0.0282	0.0000	OK
240 minute summer	S158	124	157.951	0.051	11.4	0.0579	0.0000	OK
240 minute summer	S159	124	157.446	0.046	11.4	0.0522	0.0000	OK
240 minute summer	S160	128	157.267	0.067	11.3	0.0763	0.0000	OK
240 minute summer	INFILTRATION BASIN 1 INLET	256	155.649	-0.153	11.3	41.9184	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S52	1.000	S25	1.6	0.505	0.038	0.0906
240 minute summer	S25	1.001	S27	3.4	0.809	0.054	0.1670
240 minute summer	S27	1.002	S28	3.9	1.016	0.056	0.0991
240 minute summer	S28	1.003	S33	5.4	1.440	0.044	0.1285
240 minute summer	S33	1.004	S34	6.6	1.471	0.056	0.0793
240 minute summer	S34	1.005	S36	8.4	1.653	0.071	0.1551
240 minute summer	S36	1.006	S158	10.2	1.704	0.079	0.2746
240 minute summer	S42	2.000	S158	0.6	0.154	0.016	0.0785
240 minute summer	S158	1.007	S159	11.4	1.804	0.102	0.0692
240 minute summer	S159	1.008	S160	11.3	0.299	0.001	0.7166
240 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	11.3	0.964	0.109	0.2658
240 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S52		128	166.362	0.026	1.2	0.0299	0.0000	OK
240 minute winter	S25		128	166.106	0.031	2.5	0.0439	0.0000	OK
240 minute winter	S27		128	165.532	0.032	2.9	0.0365	0.0000	OK
240 minute winter	S28		128	165.068	0.028	4.0	0.0313	0.0000	OK
240 minute winter	S33		124	163.152	0.031	4.9	0.0353	0.0000	OK
240 minute winter	S34		124	162.255	0.035	6.2	0.0396	0.0000	OK
240 minute winter	S36		124	160.707	0.037	7.6	0.0418	0.0000	OK
240 minute winter	S42		128	158.018	0.018	0.5	0.0259	0.0000	OK
240 minute winter	S158		124	157.944	0.044	8.5	0.0499	0.0000	OK
240 minute winter	S159		124	157.439	0.039	8.5	0.0443	0.0000	OK
240 minute winter	S160		128	157.258	0.058	8.5	0.0659	0.0000	OK
240 minute winter	INFILTRATION BASIN 1 INLET		252	155.681	-0.121	8.5	46.4103	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S52		1.000	S25	1.2	0.465	0.029	0.0748
240 minute winter	S25		1.001	S27	2.5	0.745	0.040	0.1350
240 minute winter	S27		1.002	S28	2.9	0.929	0.041	0.0799
240 minute winter	S28		1.003	S33	4.0	1.322	0.032	0.1042
240 minute winter	S33		1.004	S34	4.9	1.352	0.041	0.0641
240 minute winter	S34		1.005	S36	6.2	1.515	0.053	0.1252
240 minute winter	S36		1.006	S158	7.6	1.564	0.059	0.2220
240 minute winter	S42		2.000	S158	0.5	0.153	0.013	0.0646
240 minute winter	S158		1.007	S159	8.5	1.682	0.076	0.0552
240 minute winter	S159		1.008	S160	8.5	0.269	0.001	0.5927
240 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	8.5	0.884	0.081	0.2158
240 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S52		184	166.362	0.026	1.2	0.0296	0.0000	OK
360 minute summer	S25		184	166.106	0.031	2.6	0.0444	0.0000	OK
360 minute summer	S27		184	165.533	0.033	3.1	0.0373	0.0000	OK
360 minute summer	S28		184	165.068	0.028	4.1	0.0317	0.0000	OK
360 minute summer	S33		184	163.153	0.031	5.0	0.0356	0.0000	OK
360 minute summer	S34		184	162.256	0.035	6.4	0.0401	0.0000	OK
360 minute summer	S36		184	160.708	0.038	7.8	0.0424	0.0000	OK
360 minute summer	S42		184	158.018	0.018	0.5	0.0256	0.0000	OK
360 minute summer	S158		184	157.945	0.045	8.8	0.0507	0.0000	OK
360 minute summer	S159		184	157.440	0.040	8.7	0.0449	0.0000	OK
360 minute summer	S160		184	157.259	0.059	8.7	0.0663	0.0000	OK
360 minute summer	INFILTRATION BASIN 1 INLET		376	155.660	-0.142	8.5	43.5277	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S52		1.000	S25	1.2	0.462	0.028	0.0738
360 minute summer	S25		1.001	S27	2.6	0.743	0.041	0.1382
360 minute summer	S27		1.002	S28	3.0	0.943	0.043	0.0819
360 minute summer	S28		1.003	S33	4.1	1.327	0.033	0.1057
360 minute summer	S33		1.004	S34	5.0	1.354	0.042	0.0651
360 minute summer	S34		1.005	S36	6.3	1.524	0.054	0.1278
360 minute summer	S36		1.006	S158	7.8	1.574	0.061	0.2272
360 minute summer	S42		2.000	S158	0.5	0.147	0.013	0.0656
360 minute summer	S158		1.007	S159	8.7	1.697	0.078	0.0565
360 minute summer	S159		1.008	S160	8.7	0.273	0.001	0.5997
360 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	8.5	0.887	0.082	0.2174
360 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S52	184	166.359	0.023	0.9	0.0260	0.0000	OK
360 minute winter	S25	184	166.102	0.027	1.9	0.0385	0.0000	OK
360 minute winter	S27	192	165.528	0.028	2.2	0.0319	0.0000	OK
360 minute winter	S28	192	165.064	0.024	3.0	0.0274	0.0000	OK
360 minute winter	S33	192	163.148	0.027	3.6	0.0305	0.0000	OK
360 minute winter	S34	192	162.250	0.030	4.6	0.0343	0.0000	OK
360 minute winter	S36	184	160.702	0.032	5.7	0.0364	0.0000	OK
360 minute winter	S42	184	158.016	0.016	0.4	0.0231	0.0000	OK
360 minute winter	S158	184	157.938	0.038	6.4	0.0434	0.0000	OK
360 minute winter	S159	184	157.433	0.033	6.4	0.0376	0.0000	OK
360 minute winter	S160	184	157.251	0.051	6.4	0.0573	0.0000	OK
360 minute winter	INFILTRATION BASIN 1 INLET	368	155.713	-0.089	6.3	50.9664	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S52	1.000	S25	0.9	0.427	0.022	0.0611
360 minute winter	S25	1.001	S27	1.9	0.686	0.031	0.1113
360 minute winter	S27	1.002	S28	2.2	0.857	0.031	0.0656
360 minute winter	S28	1.003	S33	3.0	1.212	0.024	0.0847
360 minute winter	S33	1.004	S34	3.6	1.229	0.031	0.0519
360 minute winter	S34	1.005	S36	4.6	1.390	0.039	0.1021
360 minute winter	S36	1.006	S158	5.7	1.438	0.044	0.1817
360 minute winter	S42	2.000	S158	0.4	0.143	0.010	0.0532
360 minute winter	S158	1.007	S159	6.4	1.573	0.057	0.0445
360 minute winter	S159	1.008	S160	6.4	0.242	0.001	0.4948
360 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	6.3	0.812	0.061	0.1763
360 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S52		248	166.360	0.024	1.0	0.0274	0.0000	OK
480 minute summer	S25		248	166.103	0.028	2.1	0.0404	0.0000	OK
480 minute summer	S27		248	165.530	0.030	2.5	0.0340	0.0000	OK
480 minute summer	S28		248	165.066	0.026	3.4	0.0290	0.0000	OK
480 minute summer	S33		248	163.150	0.029	4.1	0.0325	0.0000	OK
480 minute summer	S34		248	162.252	0.032	5.2	0.0364	0.0000	OK
480 minute summer	S36		248	160.704	0.034	6.3	0.0382	0.0000	OK
480 minute summer	S42		248	158.016	0.016	0.4	0.0234	0.0000	OK
480 minute summer	S158		248	157.940	0.040	7.1	0.0457	0.0000	OK
480 minute summer	S159		248	157.435	0.035	7.1	0.0401	0.0000	OK
480 minute summer	S160		248	157.254	0.054	7.1	0.0605	0.0000	OK
480 minute summer	INFILTRATION BASIN 1 INLET		496	155.675	-0.127	7.1	45.5328	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S52		1.000	S25	1.0	0.440	0.024	0.0658
480 minute summer	S25		1.001	S27	2.1	0.701	0.034	0.1206
480 minute summer	S27		1.002	S28	2.5	0.890	0.036	0.0717
480 minute summer	S28		1.003	S33	3.4	1.254	0.027	0.0925
480 minute summer	S33		1.004	S34	4.1	1.281	0.035	0.0567
480 minute summer	S34		1.005	S36	5.2	1.444	0.044	0.1104
480 minute summer	S36		1.006	S158	6.3	1.476	0.049	0.1954
480 minute summer	S42		2.000	S158	0.4	0.139	0.011	0.0567
480 minute summer	S158		1.007	S159	7.1	1.612	0.064	0.0483
480 minute summer	S159		1.008	S160	7.1	0.252	0.001	0.5308
480 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	7.1	0.840	0.068	0.1909
480 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S52	240	166.356	0.020	0.7	0.0231	0.0000	OK
480 minute winter	S25	240	166.099	0.024	1.5	0.0345	0.0000	OK
480 minute winter	S27	256	165.526	0.026	1.8	0.0291	0.0000	OK
480 minute winter	S28	248	165.062	0.022	2.5	0.0251	0.0000	OK
480 minute winter	S33	248	163.146	0.025	3.0	0.0280	0.0000	OK
480 minute winter	S34	248	162.248	0.028	3.8	0.0314	0.0000	OK
480 minute winter	S36	248	160.699	0.029	4.7	0.0332	0.0000	OK
480 minute winter	S42	240	158.014	0.014	0.3	0.0205	0.0000	OK
480 minute winter	S158	248	157.935	0.035	5.3	0.0396	0.0000	OK
480 minute winter	S159	248	157.430	0.030	5.3	0.0339	0.0000	OK
480 minute winter	S160	248	157.246	0.046	5.3	0.0525	0.0000	OK
480 minute winter	INFILTRATION BASIN 1 INLET	480	155.725	-0.077	5.3	52.7246	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S52	1.000	S25	0.7	0.396	0.017	0.0512
480 minute winter	S25	1.001	S27	1.5	0.633	0.024	0.0957
480 minute winter	S27	1.002	S28	1.8	0.811	0.026	0.0573
480 minute winter	S28	1.003	S33	2.5	1.145	0.020	0.0745
480 minute winter	S33	1.004	S34	3.0	1.165	0.025	0.0456
480 minute winter	S34	1.005	S36	3.8	1.305	0.032	0.0893
480 minute winter	S36	1.006	S158	4.7	1.353	0.037	0.1590
480 minute winter	S42	2.000	S158	0.3	0.135	0.008	0.0461
480 minute winter	S158	1.007	S159	5.3	1.505	0.048	0.0386
480 minute winter	S159	1.008	S160	5.3	0.226	0.001	0.4420
480 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	5.3	0.771	0.051	0.1551
480 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S52		315	166.358	0.022	0.8	0.0246	0.0000	OK
600 minute summer	S25		315	166.101	0.026	1.7	0.0366	0.0000	OK
600 minute summer	S27		315	165.527	0.027	2.0	0.0306	0.0000	OK
600 minute summer	S28		315	165.063	0.023	2.7	0.0260	0.0000	OK
600 minute summer	S33		315	163.147	0.026	3.3	0.0293	0.0000	OK
600 minute summer	S34		315	162.249	0.029	4.2	0.0329	0.0000	OK
600 minute summer	S36		315	160.701	0.031	5.1	0.0345	0.0000	OK
600 minute summer	S42		300	158.014	0.014	0.3	0.0205	0.0000	OK
600 minute summer	S158		315	157.936	0.036	5.7	0.0411	0.0000	OK
600 minute summer	S159		315	157.431	0.031	5.7	0.0353	0.0000	OK
600 minute summer	S160		315	157.248	0.048	5.7	0.0543	0.0000	OK
600 minute summer	INFILTRATION BASIN 1 INLET		615	155.694	-0.108	5.7	48.1880	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S52		1.000	S25	0.8	0.412	0.019	0.0563
600 minute summer	S25		1.001	S27	1.7	0.659	0.027	0.1037
600 minute summer	S27		1.002	S28	2.0	0.836	0.029	0.0613
600 minute summer	S28		1.003	S33	2.7	1.167	0.022	0.0792
600 minute summer	S33		1.004	S34	3.3	1.197	0.028	0.0488
600 minute summer	S34		1.005	S36	4.2	1.356	0.036	0.0951
600 minute summer	S36		1.006	S158	5.1	1.391	0.040	0.1679
600 minute summer	S42		2.000	S158	0.3	0.136	0.008	0.0481
600 minute summer	S158		1.007	S159	5.7	1.532	0.051	0.0409
600 minute summer	S159		1.008	S160	5.7	0.232	0.001	0.4623
600 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	5.7	0.787	0.055	0.1634
600 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S52	300	166.355	0.019	0.6	0.0215	0.0000	OK
600 minute winter	S25	315	166.098	0.023	1.3	0.0322	0.0000	OK
600 minute winter	S27	315	165.524	0.023	1.5	0.0265	0.0000	OK
600 minute winter	S28	315	165.060	0.020	2.1	0.0231	0.0000	OK
600 minute winter	S33	315	163.144	0.023	2.5	0.0257	0.0000	OK
600 minute winter	S34	315	162.246	0.026	3.2	0.0289	0.0000	OK
600 minute winter	S36	315	160.697	0.027	3.9	0.0304	0.0000	OK
600 minute winter	S42	255	158.012	0.012	0.2	0.0169	0.0000	OK
600 minute winter	S158	315	157.932	0.032	4.3	0.0359	0.0000	OK
600 minute winter	S159	315	157.427	0.027	4.3	0.0300	0.0000	OK
600 minute winter	S160	315	157.242	0.042	4.3	0.0474	0.0000	OK
600 minute winter	INFILTRATION BASIN 1 INLET	600	155.730	-0.072	4.3	53.4236	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S52	1.000	S25	0.6	0.378	0.014	0.0460
600 minute winter	S25	1.001	S27	1.3	0.614	0.021	0.0851
600 minute winter	S27	1.002	S28	1.5	0.758	0.021	0.0504
600 minute winter	S28	1.003	S33	2.1	1.090	0.017	0.0658
600 minute winter	S33	1.004	S34	2.5	1.100	0.021	0.0403
600 minute winter	S34	1.005	S36	3.2	1.245	0.027	0.0789
600 minute winter	S36	1.006	S158	3.9	1.291	0.030	0.1385
600 minute winter	S42	2.000	S158	0.2	0.119	0.005	0.0388
600 minute winter	S158	1.007	S159	4.3	1.435	0.039	0.0330
600 minute winter	S159	1.008	S160	4.3	0.208	0.001	0.3887
600 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	4.3	0.724	0.041	0.1341
600 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S52		375	166.356	0.020	0.7	0.0231	0.0000	OK
720 minute summer	S25		375	166.099	0.024	1.5	0.0345	0.0000	OK
720 minute summer	S27		375	165.526	0.026	1.8	0.0291	0.0000	OK
720 minute summer	S28		375	165.062	0.022	2.4	0.0246	0.0000	OK
720 minute summer	S33		375	163.145	0.024	2.9	0.0276	0.0000	OK
720 minute summer	S34		375	162.247	0.027	3.7	0.0310	0.0000	OK
720 minute summer	S36		375	160.699	0.029	4.5	0.0325	0.0000	OK
720 minute summer	S42		375	158.014	0.014	0.3	0.0205	0.0000	OK
720 minute summer	S158		375	157.934	0.034	5.1	0.0389	0.0000	OK
720 minute summer	S159		375	157.429	0.029	5.1	0.0331	0.0000	OK
720 minute summer	S160		375	157.246	0.046	5.1	0.0515	0.0000	OK
720 minute summer	INFILTRATION BASIN 1 INLET		735	155.700	-0.102	5.1	49.0968	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S52		1.000	S25	0.7	0.396	0.017	0.0512
720 minute summer	S25		1.001	S27	1.5	0.631	0.024	0.0957
720 minute summer	S27		1.002	S28	1.8	0.812	0.026	0.0567
720 minute summer	S28		1.003	S33	2.4	1.128	0.019	0.0726
720 minute summer	S33		1.004	S34	2.9	1.151	0.025	0.0446
720 minute summer	S34		1.005	S36	3.7	1.302	0.031	0.0872
720 minute summer	S36		1.006	S158	4.5	1.333	0.035	0.1545
720 minute summer	S42		2.000	S158	0.3	0.130	0.008	0.0451
720 minute summer	S158		1.007	S159	5.1	1.492	0.046	0.0375
720 minute summer	S159		1.008	S160	5.1	0.223	0.001	0.4316
720 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	5.1	0.762	0.049	0.1510
720 minute summer	INFILTRATION BASIN 1 INLET		Infiltation		0.3			

Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S52	360	166.353	0.017	0.5	0.0197	0.0000	OK
720 minute winter	S25	360	166.096	0.021	1.1	0.0298	0.0000	OK
720 minute winter	S27	360	165.522	0.022	1.3	0.0248	0.0000	OK
720 minute winter	S28	360	165.059	0.019	1.8	0.0215	0.0000	OK
720 minute winter	S33	360	163.142	0.021	2.2	0.0242	0.0000	OK
720 minute winter	S34	360	162.244	0.024	2.8	0.0272	0.0000	OK
720 minute winter	S36	360	160.695	0.025	3.4	0.0285	0.0000	OK
720 minute winter	S42	315	158.012	0.012	0.2	0.0169	0.0000	OK
720 minute winter	S158	360	157.930	0.030	3.8	0.0338	0.0000	OK
720 minute winter	S159	360	157.425	0.025	3.8	0.0280	0.0000	OK
720 minute winter	S160	375	157.240	0.040	3.8	0.0447	0.0000	OK
720 minute winter	INFILTRATION BASIN 1 INLET	720	155.744	-0.058	3.8	55.5782	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S52	1.000	S25	0.5	0.357	0.012	0.0406
720 minute winter	S25	1.001	S27	1.1	0.579	0.018	0.0764
720 minute winter	S27	1.002	S28	1.3	0.730	0.019	0.0456
720 minute winter	S28	1.003	S33	1.8	1.033	0.015	0.0597
720 minute winter	S33	1.004	S34	2.2	1.059	0.019	0.0368
720 minute winter	S34	1.005	S36	2.8	1.199	0.024	0.0717
720 minute winter	S36	1.006	S158	3.4	1.229	0.026	0.1265
720 minute winter	S42	2.000	S158	0.2	0.126	0.005	0.0362
720 minute winter	S158	1.007	S159	3.8	1.392	0.034	0.0299
720 minute winter	S159	1.008	S160	3.8	0.198	0.000	0.3609
720 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	3.8	0.698	0.036	0.1229
720 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S52		495	166.355	0.019	0.6	0.0215	0.0000	OK
960 minute summer	S25		495	166.097	0.022	1.2	0.0310	0.0000	OK
960 minute summer	S27		495	165.523	0.023	1.4	0.0257	0.0000	OK
960 minute summer	S28		495	165.060	0.020	1.9	0.0221	0.0000	OK
960 minute summer	S33		495	163.143	0.022	2.3	0.0247	0.0000	OK
960 minute summer	S34		495	162.244	0.024	2.9	0.0276	0.0000	OK
960 minute summer	S36		495	160.696	0.026	3.6	0.0293	0.0000	OK
960 minute summer	S42		450	158.012	0.012	0.2	0.0169	0.0000	OK
960 minute summer	S158		495	157.931	0.031	4.0	0.0346	0.0000	OK
960 minute summer	S159		495	157.426	0.025	4.0	0.0288	0.0000	OK
960 minute summer	S160		495	157.241	0.040	4.0	0.0458	0.0000	OK
960 minute summer	INFILTRATION BASIN 1 INLET		960	155.717	-0.085	4.0	51.6005	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S52		1.000	S25	0.6	0.378	0.014	0.0460
960 minute summer	S25		1.001	S27	1.2	0.596	0.019	0.0809
960 minute summer	S27		1.002	S28	1.4	0.749	0.020	0.0477
960 minute summer	S28		1.003	S33	1.9	1.053	0.015	0.0617
960 minute summer	S33		1.004	S34	2.3	1.077	0.020	0.0378
960 minute summer	S34		1.005	S36	2.9	1.202	0.025	0.0741
960 minute summer	S36		1.006	S158	3.6	1.254	0.028	0.1314
960 minute summer	S42		2.000	S158	0.2	0.127	0.005	0.0373
960 minute summer	S158		1.007	S159	4.0	1.409	0.036	0.0312
960 minute summer	S159		1.008	S160	4.0	0.203	0.001	0.3722
960 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	4.0	0.709	0.038	0.1274
960 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S52	435	166.352	0.016	0.4	0.0179	0.0000	OK
960 minute winter	S25	480	166.094	0.019	0.9	0.0271	0.0000	OK
960 minute winter	S27	480	165.520	0.020	1.1	0.0230	0.0000	OK
960 minute winter	S28	480	165.058	0.017	1.5	0.0197	0.0000	OK
960 minute winter	S33	480	163.141	0.019	1.8	0.0220	0.0000	OK
960 minute winter	S34	480	162.242	0.022	2.3	0.0247	0.0000	OK
960 minute winter	S36	480	160.693	0.023	2.8	0.0260	0.0000	OK
960 minute winter	S42	450	158.012	0.012	0.2	0.0169	0.0000	OK
960 minute winter	S158	480	157.928	0.028	3.2	0.0312	0.0000	OK
960 minute winter	S159	480	157.422	0.022	3.2	0.0253	0.0000	OK
960 minute winter	S160	495	157.236	0.036	3.2	0.0412	0.0000	OK
960 minute winter	INFILTRATION BASIN 1 INLET	945	155.764	-0.039	3.2	58.4769	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S52	1.000	S25	0.4	0.339	0.010	0.0342
960 minute winter	S25	1.001	S27	0.9	0.540	0.014	0.0672
960 minute winter	S27	1.002	S28	1.1	0.697	0.016	0.0404
960 minute winter	S28	1.003	S33	1.5	0.981	0.012	0.0522
960 minute winter	S33	1.004	S34	1.8	0.997	0.015	0.0320
960 minute winter	S34	1.005	S36	2.3	1.127	0.020	0.0626
960 minute winter	S36	1.006	S158	2.8	1.151	0.022	0.1117
960 minute winter	S42	2.000	S158	0.2	0.129	0.005	0.0331
960 minute winter	S158	1.007	S159	3.2	1.340	0.029	0.0264
960 minute winter	S159	1.008	S160	3.2	0.185	0.000	0.3256
960 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	3.2	0.662	0.031	0.1091
960 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S52	750	166.352	0.016	0.4	0.0179	0.0000	OK
1440 minute summer	S25	750	166.094	0.019	0.9	0.0271	0.0000	OK
1440 minute summer	S27	750	165.520	0.020	1.1	0.0230	0.0000	OK
1440 minute summer	S28	750	165.058	0.017	1.5	0.0197	0.0000	OK
1440 minute summer	S33	750	163.141	0.019	1.8	0.0220	0.0000	OK
1440 minute summer	S34	750	162.242	0.022	2.3	0.0247	0.0000	OK
1440 minute summer	S36	750	160.693	0.023	2.8	0.0260	0.0000	OK
1440 minute summer	S42	750	158.012	0.012	0.2	0.0169	0.0000	OK
1440 minute summer	S158	750	157.928	0.028	3.2	0.0312	0.0000	OK
1440 minute summer	S159	750	157.422	0.022	3.2	0.0253	0.0000	OK
1440 minute summer	S160	750	157.236	0.036	3.2	0.0412	0.0000	OK
1440 minute summer	INFILTRATION BASIN 1 INLET	1230	155.708	-0.094	3.2	50.2049	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S52	1.000	S25	0.4	0.339	0.010	0.0342
1440 minute summer	S25	1.001	S27	0.9	0.540	0.014	0.0672
1440 minute summer	S27	1.002	S28	1.1	0.697	0.016	0.0404
1440 minute summer	S28	1.003	S33	1.5	0.981	0.012	0.0522
1440 minute summer	S33	1.004	S34	1.8	0.997	0.015	0.0320
1440 minute summer	S34	1.005	S36	2.3	1.127	0.020	0.0626
1440 minute summer	S36	1.006	S158	2.8	1.151	0.022	0.1117
1440 minute summer	S42	2.000	S158	0.2	0.119	0.005	0.0331
1440 minute summer	S158	1.007	S159	3.2	1.340	0.029	0.0264
1440 minute summer	S159	1.008	S160	3.2	0.185	0.000	0.3256
1440 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	3.2	0.662	0.031	0.1091
1440 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S52	660	166.350	0.014	0.3	0.0157	0.0000	OK
1440 minute winter	S25	750	166.092	0.017	0.7	0.0241	0.0000	OK
1440 minute winter	S27	750	165.518	0.017	0.8	0.0197	0.0000	OK
1440 minute winter	S28	750	165.055	0.015	1.1	0.0172	0.0000	OK
1440 minute winter	S33	750	163.138	0.017	1.3	0.0189	0.0000	OK
1440 minute winter	S34	750	162.239	0.019	1.7	0.0215	0.0000	OK
1440 minute winter	S36	750	160.690	0.020	2.1	0.0227	0.0000	OK
1440 minute winter	S42	510	158.009	0.009	0.1	0.0124	0.0000	OK
1440 minute winter	S158	750	157.924	0.024	2.3	0.0268	0.0000	OK
1440 minute winter	S159	750	157.418	0.018	2.3	0.0209	0.0000	OK
1440 minute winter	S160	750	157.231	0.031	2.3	0.0352	0.0000	OK
1440 minute winter	INFILTRATION BASIN 1 INLET	1380	155.788	-0.014	2.3	62.1957	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S52	1.000	S25	0.3	0.313	0.007	0.0278
1440 minute winter	S25	1.001	S27	0.7	0.510	0.011	0.0552
1440 minute winter	S27	1.002	S28	0.8	0.629	0.011	0.0325
1440 minute winter	S28	1.003	S33	1.1	0.895	0.009	0.0420
1440 minute winter	S33	1.004	S34	1.3	0.893	0.011	0.0258
1440 minute winter	S34	1.005	S36	1.7	1.026	0.014	0.0509
1440 minute winter	S36	1.006	S158	2.1	1.067	0.016	0.0900
1440 minute winter	S42	2.000	S158	0.1	0.108	0.003	0.0250
1440 minute winter	S158	1.007	S159	2.3	1.237	0.021	0.0205
1440 minute winter	S159	1.008	S160	2.3	0.162	0.000	0.2682
1440 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	2.3	0.599	0.022	0.0866
1440 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S52	10	166.416	0.080	11.1	0.0909	0.0000	OK
15 minute summer	S25	10	166.171	0.096	23.3	0.1373	0.0000	OK
15 minute summer	S27	11	165.604	0.104	27.2	0.1171	0.0000	OK
15 minute summer	S28	11	165.124	0.084	37.0	0.0951	0.0000	OK
15 minute summer	S33	11	163.221	0.099	44.9	0.1125	0.0000	OK
15 minute summer	S34	11	162.334	0.114	56.9	0.1289	0.0000	OK
15 minute summer	S36	11	160.788	0.118	69.8	0.1329	0.0000	OK
15 minute summer	S42	11	158.068	0.068	4.4	0.0971	0.0000	OK
15 minute summer	S158	11	158.064	0.164	78.3	0.1857	0.0000	OK
15 minute summer	S159	11	157.529	0.129	78.0	0.1459	0.0000	OK
15 minute summer	S160	12	157.395	0.195	77.4	0.2207	0.0000	OK
15 minute summer	INFILTRATION BASIN 1 INLET	33	155.590	-0.212	76.4	34.2822	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S52	1.000	S25	10.8	0.875	0.260	0.3600
15 minute summer	S25	1.001	S27	23.0	1.365	0.370	0.6785
15 minute summer	S27	1.002	S28	27.2	1.740	0.389	0.3997
15 minute summer	S28	1.003	S33	37.2	2.445	0.300	0.5195
15 minute summer	S33	1.004	S34	45.0	2.429	0.382	0.3281
15 minute summer	S34	1.005	S36	57.1	2.776	0.486	0.6308
15 minute summer	S36	1.006	S158	70.0	2.692	0.544	1.1887
15 minute summer	S42	2.000	S158	4.4	0.258	0.115	0.3819
15 minute summer	S158	1.007	S159	78.0	2.847	0.699	0.2992
15 minute summer	S159	1.008	S160	77.4	0.515	0.010	3.0268
15 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	76.4	1.593	0.733	1.0830
15 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.2			

Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S52		10	166.418	0.082	11.6	0.0930	0.0000	OK
15 minute winter	S25		10	166.173	0.098	24.4	0.1408	0.0000	OK
15 minute winter	S27		11	165.606	0.106	28.4	0.1199	0.0000	OK
15 minute winter	S28		11	165.126	0.086	38.5	0.0971	0.0000	OK
15 minute winter	S33		11	163.223	0.102	46.6	0.1151	0.0000	OK
15 minute winter	S34		11	162.337	0.117	59.1	0.1319	0.0000	OK
15 minute winter	S36		11	160.790	0.120	72.5	0.1362	0.0000	OK
15 minute winter	S42		11	158.073	0.073	4.7	0.1040	0.0000	OK
15 minute winter	S158		11	158.071	0.171	81.6	0.1930	0.0000	OK
15 minute winter	S159		11	157.532	0.132	81.5	0.1493	0.0000	OK
15 minute winter	S160		12	157.401	0.201	81.0	0.2272	0.0000	OK
15 minute winter	INFILTRATION BASIN 1 INLET		33	155.622	-0.180	79.6	38.3615	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S52		1.000	S25	11.3	0.884	0.271	0.3712
15 minute winter	S25		1.001	S27	24.0	1.379	0.386	0.7007
15 minute winter	S27		1.002	S28	28.4	1.758	0.405	0.4116
15 minute winter	S28		1.003	S33	38.7	2.470	0.312	0.5348
15 minute winter	S33		1.004	S34	46.8	2.450	0.397	0.3380
15 minute winter	S34		1.005	S36	59.3	2.800	0.505	0.6500
15 minute winter	S36		1.006	S158	72.8	2.718	0.566	1.2323
15 minute winter	S42		2.000	S158	4.7	0.251	0.123	0.4030
15 minute winter	S158		1.007	S159	81.5	2.872	0.731	0.3098
15 minute winter	S159		1.008	S160	81.0	0.511	0.010	3.1452
15 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	79.6	1.606	0.763	1.1189
15 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.2			

Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S52	18	166.412	0.076	9.9	0.0863	0.0000	OK
30 minute summer	S25	18	166.166	0.091	21.0	0.1296	0.0000	OK
30 minute summer	S27	18	165.598	0.098	24.7	0.1104	0.0000	OK
30 minute summer	S28	18	165.120	0.080	33.7	0.0901	0.0000	OK
30 minute summer	S33	18	163.215	0.094	40.8	0.1061	0.0000	OK
30 minute summer	S34	18	162.327	0.107	51.7	0.1213	0.0000	OK
30 minute summer	S36	18	160.781	0.111	63.4	0.1251	0.0000	OK
30 minute summer	S42	19	158.053	0.053	4.0	0.0752	0.0000	OK
30 minute summer	S158	18	158.051	0.151	70.5	0.1703	0.0000	OK
30 minute summer	S159	19	157.523	0.123	70.0	0.1386	0.0000	OK
30 minute summer	S160	19	157.382	0.182	70.1	0.2062	0.0000	OK
30 minute summer	INFILTRATION BASIN 1 INLET	47	155.668	-0.134	69.1	44.6108	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S52	1.000	S25	9.9	0.851	0.238	0.3361
30 minute summer	S25	1.001	S27	21.0	1.333	0.337	0.6321
30 minute summer	S27	1.002	S28	24.5	1.689	0.350	0.3707
30 minute summer	S28	1.003	S33	33.6	2.383	0.271	0.4815
30 minute summer	S33	1.004	S34	40.6	2.368	0.344	0.3036
30 minute summer	S34	1.005	S36	51.5	2.706	0.439	0.5840
30 minute summer	S36	1.006	S158	63.1	2.642	0.490	1.0890
30 minute summer	S42	2.000	S158	3.9	0.247	0.103	0.3253
30 minute summer	S158	1.007	S159	70.0	2.784	0.627	0.2751
30 minute summer	S159	1.008	S160	70.1	0.499	0.009	2.7760
30 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	69.1	1.560	0.663	0.9999
30 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S52		18	166.409	0.072	9.0	0.0820	0.0000	OK
30 minute winter	S25		18	166.161	0.086	19.1	0.1229	0.0000	OK
30 minute winter	S27		18	165.593	0.093	22.5	0.1048	0.0000	OK
30 minute winter	S28		18	165.116	0.076	30.7	0.0858	0.0000	OK
30 minute winter	S33		18	163.210	0.089	37.1	0.1005	0.0000	OK
30 minute winter	S34		18	162.322	0.102	47.1	0.1148	0.0000	OK
30 minute winter	S36		18	160.775	0.105	57.8	0.1187	0.0000	OK
30 minute winter	S42		18	158.046	0.046	3.6	0.0664	0.0000	OK
30 minute winter	S158		18	158.041	0.141	64.6	0.1597	0.0000	OK
30 minute winter	S159		19	157.517	0.117	64.2	0.1327	0.0000	OK
30 minute winter	S160		19	157.373	0.173	64.3	0.1957	0.0000	OK
30 minute winter	INFILTRATION BASIN 1 INLET		47	155.707	-0.095	63.8	50.0730	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S52		1.000	S25	9.0	0.830	0.216	0.3136
30 minute winter	S25		1.001	S27	19.1	1.301	0.306	0.5894
30 minute winter	S27		1.002	S28	22.4	1.651	0.320	0.3463
30 minute winter	S28		1.003	S33	30.6	2.329	0.247	0.4491
30 minute winter	S33		1.004	S34	37.0	2.319	0.314	0.2825
30 minute winter	S34		1.005	S36	47.0	2.647	0.400	0.5447
30 minute winter	S36		1.006	S158	57.6	2.594	0.448	1.0137
30 minute winter	S42		2.000	S158	3.6	0.235	0.095	0.2982
30 minute winter	S158		1.007	S159	64.2	2.729	0.576	0.2579
30 minute winter	S159		1.008	S160	64.3	0.483	0.008	2.5811
30 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	63.8	1.533	0.612	0.9399
30 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S52	33	166.401	0.065	7.4	0.0739	0.0000	OK
60 minute summer	S25	33	166.152	0.077	15.7	0.1105	0.0000	OK
60 minute summer	S27	33	165.583	0.083	18.5	0.0939	0.0000	OK
60 minute summer	S28	33	165.109	0.068	25.2	0.0774	0.0000	OK
60 minute summer	S33	33	163.200	0.079	30.4	0.0898	0.0000	OK
60 minute summer	S34	33	162.311	0.091	38.6	0.1024	0.0000	OK
60 minute summer	S36	33	160.764	0.094	47.4	0.1062	0.0000	OK
60 minute summer	S42	33	158.042	0.042	3.0	0.0607	0.0000	OK
60 minute summer	S158	33	158.023	0.123	53.1	0.1392	0.0000	OK
60 minute summer	S159	34	157.506	0.106	52.8	0.1200	0.0000	OK
60 minute summer	S160	34	157.353	0.153	52.9	0.1733	0.0000	OK
60 minute summer	INFILTRATION BASIN 1 INLET	76	155.745	-0.057	52.5	55.6623	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S52	1.000	S25	7.4	0.787	0.178	0.2719
60 minute summer	S25	1.001	S27	15.7	1.238	0.252	0.5091
60 minute summer	S27	1.002	S28	18.4	1.568	0.263	0.2995
60 minute summer	S28	1.003	S33	25.1	2.216	0.203	0.3874
60 minute summer	S33	1.004	S34	30.3	2.213	0.257	0.2427
60 minute summer	S34	1.005	S36	38.5	2.518	0.328	0.4695
60 minute summer	S36	1.006	S158	47.3	2.497	0.367	0.8660
60 minute summer	S42	2.000	S158	3.0	0.229	0.079	0.2544
60 minute summer	S158	1.007	S159	52.8	2.606	0.473	0.2221
60 minute summer	S159	1.008	S160	52.9	0.465	0.007	2.1853
60 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	52.5	1.464	0.503	0.8093
60 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S52		33	166.395	0.059	6.0	0.0663	0.0000	OK
60 minute winter	S25		33	166.144	0.069	12.7	0.0987	0.0000	OK
60 minute winter	S27		33	165.574	0.074	14.9	0.0836	0.0000	OK
60 minute winter	S28		33	165.101	0.061	20.4	0.0695	0.0000	OK
60 minute winter	S33		33	163.192	0.071	24.6	0.0801	0.0000	OK
60 minute winter	S34		33	162.301	0.081	31.3	0.0911	0.0000	OK
60 minute winter	S36		33	160.754	0.084	38.5	0.0949	0.0000	OK
60 minute winter	S42		33	158.038	0.038	2.4	0.0545	0.0000	OK
60 minute winter	S158		33	158.008	0.108	43.0	0.1217	0.0000	OK
60 minute winter	S159		34	157.495	0.095	42.9	0.1078	0.0000	OK
60 minute winter	S160		34	157.336	0.136	43.0	0.1539	0.0000	OK
60 minute winter	INFILTRATION BASIN 1 INLET		75	155.788	-0.014	42.8	62.3205	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S52		1.000	S25	6.0	0.742	0.144	0.2339
60 minute winter	S25		1.001	S27	12.7	1.172	0.204	0.4351
60 minute winter	S27		1.002	S28	14.9	1.482	0.212	0.2564
60 minute winter	S28		1.003	S33	20.3	2.095	0.164	0.3318
60 minute winter	S33		1.004	S34	24.6	2.102	0.209	0.2073
60 minute winter	S34		1.005	S36	31.3	2.385	0.266	0.4023
60 minute winter	S36		1.006	S158	38.4	2.390	0.299	0.7360
60 minute winter	S42		2.000	S158	2.4	0.217	0.063	0.2151
60 minute winter	S158		1.007	S159	42.9	2.478	0.385	0.1901
60 minute winter	S159		1.008	S160	43.0	0.441	0.006	1.8535
60 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	42.8	1.392	0.411	0.6950
60 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S52		64	166.388	0.052	4.8	0.0591	0.0000	OK
120 minute summer	S25		64	166.137	0.062	10.2	0.0881	0.0000	OK
120 minute summer	S27		64	165.566	0.066	12.0	0.0746	0.0000	OK
120 minute summer	S28		64	165.095	0.055	16.4	0.0623	0.0000	OK
120 minute summer	S33		64	163.184	0.063	19.9	0.0714	0.0000	OK
120 minute summer	S34		64	162.292	0.072	25.3	0.0812	0.0000	OK
120 minute summer	S36		64	160.745	0.075	31.0	0.0846	0.0000	OK
120 minute summer	S42		64	158.034	0.034	1.9	0.0487	0.0000	OK
120 minute summer	S158		64	157.994	0.094	34.6	0.1066	0.0000	OK
120 minute summer	S159		64	157.485	0.085	34.6	0.0960	0.0000	OK
120 minute summer	S160		64	157.320	0.120	34.5	0.1355	0.0000	OK
120 minute summer	INFILTRATION BASIN 1 INLET		136	155.817	0.015	34.1	66.8363	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S52		1.000	S25	4.8	0.697	0.115	0.1994
120 minute summer	S25		1.001	S27	10.2	1.105	0.164	0.3711
120 minute summer	S27		1.002	S28	12.0	1.397	0.171	0.2192
120 minute summer	S28		1.003	S33	16.4	1.975	0.132	0.2835
120 minute summer	S33		1.004	S34	19.9	1.991	0.169	0.1768
120 minute summer	S34		1.005	S36	25.3	2.255	0.215	0.3437
120 minute summer	S36		1.006	S158	30.9	2.273	0.240	0.6232
120 minute summer	S42		2.000	S158	1.9	0.206	0.050	0.1811
120 minute summer	S158		1.007	S159	34.6	2.352	0.310	0.1614
120 minute summer	S159		1.008	S160	34.5	0.418	0.004	1.5599
120 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	34.1	1.311	0.327	0.5877
120 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S52	64	166.382	0.046	3.7	0.0518	0.0000	OK
120 minute winter	S25	64	166.129	0.054	7.8	0.0767	0.0000	OK
120 minute winter	S27	64	165.557	0.057	9.2	0.0650	0.0000	OK
120 minute winter	S28	64	165.088	0.048	12.6	0.0546	0.0000	OK
120 minute winter	S33	64	163.176	0.055	15.3	0.0622	0.0000	OK
120 minute winter	S34	64	162.282	0.062	19.4	0.0705	0.0000	OK
120 minute winter	S36	64	160.735	0.065	23.8	0.0738	0.0000	OK
120 minute winter	S42	64	158.030	0.030	1.5	0.0434	0.0000	OK
120 minute winter	S158	64	157.981	0.081	26.7	0.0915	0.0000	OK
120 minute winter	S159	64	157.474	0.074	26.7	0.0836	0.0000	OK
120 minute winter	S160	64	157.305	0.105	26.7	0.1183	0.0000	OK
120 minute winter	INFILTRATION BASIN 1 INLET	132	155.867	0.065	26.6	75.0332	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S52	1.000	S25	3.7	0.648	0.089	0.1655
120 minute winter	S25	1.001	S27	7.8	1.026	0.125	0.3057
120 minute winter	S27	1.002	S28	9.2	1.298	0.131	0.1811
120 minute winter	S28	1.003	S33	12.6	1.836	0.102	0.2343
120 minute winter	S33	1.004	S34	15.3	1.861	0.130	0.1455
120 minute winter	S34	1.005	S36	19.4	2.098	0.165	0.2835
120 minute winter	S36	1.006	S158	23.8	2.131	0.185	0.5112
120 minute winter	S42	2.000	S158	1.5	0.197	0.039	0.1488
120 minute winter	S158	1.007	S159	26.7	2.208	0.239	0.1325
120 minute winter	S159	1.008	S160	26.7	0.389	0.003	1.2935
120 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	26.6	1.225	0.255	0.4899
120 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S52		96	166.381	0.045	3.5	0.0504	0.0000	OK
180 minute summer	S25		96	166.128	0.053	7.5	0.0753	0.0000	OK
180 minute summer	S27		96	165.556	0.056	8.8	0.0635	0.0000	OK
180 minute summer	S28		96	165.087	0.047	12.1	0.0535	0.0000	OK
180 minute summer	S33		96	163.175	0.054	14.7	0.0609	0.0000	OK
180 minute summer	S34		96	162.281	0.061	18.7	0.0692	0.0000	OK
180 minute summer	S36		96	160.734	0.064	22.9	0.0724	0.0000	OK
180 minute summer	S42		96	158.029	0.029	1.4	0.0420	0.0000	OK
180 minute summer	S158		96	157.979	0.079	25.6	0.0894	0.0000	OK
180 minute summer	S159		96	157.472	0.072	25.6	0.0818	0.0000	OK
180 minute summer	S160		96	157.302	0.102	25.6	0.1159	0.0000	OK
180 minute summer	INFILTRATION BASIN 1 INLET		196	155.858	0.056	25.6	73.5171	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S52		1.000	S25	3.5	0.637	0.084	0.1591
180 minute summer	S25		1.001	S27	7.5	1.017	0.120	0.2966
180 minute summer	S27		1.002	S28	8.8	1.280	0.126	0.1757
180 minute summer	S28		1.003	S33	12.1	1.817	0.098	0.2276
180 minute summer	S33		1.004	S34	14.7	1.839	0.125	0.1415
180 minute summer	S34		1.005	S36	18.7	2.078	0.159	0.2761
180 minute summer	S36		1.006	S158	22.9	2.114	0.178	0.4961
180 minute summer	S42		2.000	S158	1.4	0.192	0.037	0.1436
180 minute summer	S158		1.007	S159	25.6	2.186	0.229	0.1284
180 minute summer	S159		1.008	S160	25.6	0.384	0.003	1.2568
180 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	25.6	1.212	0.245	0.4762
180 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S52	96	166.375	0.039	2.7	0.0443	0.0000	OK
180 minute winter	S25	96	166.121	0.046	5.8	0.0661	0.0000	OK
180 minute winter	S27	96	165.549	0.049	6.8	0.0557	0.0000	OK
180 minute winter	S28	96	165.082	0.042	9.3	0.0471	0.0000	OK
180 minute winter	S33	96	163.168	0.047	11.3	0.0532	0.0000	OK
180 minute winter	S34	96	162.274	0.053	14.4	0.0605	0.0000	OK
180 minute winter	S36	96	160.726	0.056	17.7	0.0635	0.0000	OK
180 minute winter	S42	96	158.026	0.026	1.1	0.0375	0.0000	OK
180 minute winter	S158	96	157.969	0.069	19.8	0.0776	0.0000	OK
180 minute winter	S159	96	157.463	0.063	19.8	0.0711	0.0000	OK
180 minute winter	S160	96	157.290	0.090	19.8	0.1013	0.0000	OK
180 minute winter	INFILTRATION BASIN 1 INLET	192	155.912	0.110	19.8	82.7562	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S52	1.000	S25	2.7	0.591	0.065	0.1324
180 minute winter	S25	1.001	S27	5.8	0.947	0.093	0.2462
180 minute winter	S27	1.002	S28	6.8	1.192	0.097	0.1458
180 minute winter	S28	1.003	S33	9.3	1.688	0.075	0.1884
180 minute winter	S33	1.004	S34	11.3	1.714	0.096	0.1168
180 minute winter	S34	1.005	S36	14.4	1.930	0.123	0.2290
180 minute winter	S36	1.006	S158	17.7	1.977	0.138	0.4100
180 minute winter	S42	2.000	S158	1.1	0.181	0.029	0.1187
180 minute winter	S158	1.007	S159	19.8	2.056	0.177	0.1057
180 minute winter	S159	1.008	S160	19.8	0.356	0.003	1.0475
180 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	19.8	1.129	0.190	0.3957
180 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S52		124	166.377	0.041	3.0	0.0465	0.0000	OK
240 minute summer	S25		124	166.123	0.048	6.4	0.0692	0.0000	OK
240 minute summer	S27		124	165.551	0.051	7.4	0.0580	0.0000	OK
240 minute summer	S28		124	165.083	0.043	10.2	0.0490	0.0000	OK
240 minute summer	S33		124	163.170	0.049	12.3	0.0555	0.0000	OK
240 minute summer	S34		124	162.276	0.056	15.7	0.0631	0.0000	OK
240 minute summer	S36		124	160.728	0.058	19.2	0.0661	0.0000	OK
240 minute summer	S42		124	158.027	0.027	1.2	0.0389	0.0000	OK
240 minute summer	S158		124	157.971	0.071	21.4	0.0808	0.0000	OK
240 minute summer	S159		124	157.465	0.065	21.3	0.0737	0.0000	OK
240 minute summer	S160		128	157.292	0.092	21.1	0.1042	0.0000	OK
240 minute summer	INFILTRATION BASIN 1 INLET		256	155.883	0.081	20.9	77.8787	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S52		1.000	S25	3.0	0.607	0.071	0.1416
240 minute summer	S25		1.001	S27	6.3	0.972	0.102	0.2617
240 minute summer	S27		1.002	S28	7.4	1.216	0.105	0.1546
240 minute summer	S28		1.003	S33	10.1	1.728	0.082	0.1999
240 minute summer	S33		1.004	S34	12.3	1.751	0.104	0.1240
240 minute summer	S34		1.005	S36	15.6	1.974	0.133	0.2425
240 minute summer	S36		1.006	S158	19.1	2.020	0.149	0.4336
240 minute summer	S42		2.000	S158	1.2	0.185	0.031	0.1255
240 minute summer	S158		1.007	S159	21.3	2.094	0.191	0.1115
240 minute summer	S159		1.008	S160	21.1	0.365	0.003	1.0906
240 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	20.9	1.147	0.201	0.4117
240 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S52	128	166.371	0.035	2.2	0.0401	0.0000	OK
240 minute winter	S25	128	166.117	0.042	4.7	0.0596	0.0000	OK
240 minute winter	S27	128	165.544	0.044	5.5	0.0500	0.0000	OK
240 minute winter	S28	124	165.078	0.038	7.6	0.0426	0.0000	OK
240 minute winter	S33	124	163.163	0.042	9.2	0.0479	0.0000	OK
240 minute winter	S34	124	162.268	0.048	11.7	0.0544	0.0000	OK
240 minute winter	S36	124	160.721	0.051	14.4	0.0572	0.0000	OK
240 minute winter	S42	128	158.024	0.024	0.9	0.0341	0.0000	OK
240 minute winter	S158	124	157.961	0.061	16.1	0.0693	0.0000	OK
240 minute winter	S159	124	157.456	0.056	16.1	0.0634	0.0000	OK
240 minute winter	S160	124	157.280	0.080	16.0	0.0908	0.0000	OK
240 minute winter	INFILTRATION BASIN 1 INLET	248	155.942	0.140	16.0	88.1023	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S52	1.000	S25	2.2	0.557	0.053	0.1144
240 minute winter	S25	1.001	S27	4.7	0.892	0.075	0.2118
240 minute winter	S27	1.002	S28	5.5	1.122	0.079	0.1257
240 minute winter	S28	1.003	S33	7.6	1.596	0.061	0.1628
240 minute winter	S33	1.004	S34	9.2	1.620	0.078	0.1005
240 minute winter	S34	1.005	S36	11.7	1.819	0.099	0.1971
240 minute winter	S36	1.006	S158	14.4	1.871	0.112	0.3518
240 minute winter	S42	2.000	S158	0.9	0.174	0.024	0.1018
240 minute winter	S158	1.007	S159	16.1	1.956	0.144	0.0901
240 minute winter	S159	1.008	S160	16.0	0.334	0.002	0.9049
240 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	16.0	1.063	0.153	0.3911
240 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.97%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S52		184	166.371	0.035	2.2	0.0398	0.0000	OK
360 minute summer	S25		184	166.117	0.041	4.7	0.0593	0.0000	OK
360 minute summer	S27		184	165.544	0.044	5.4	0.0496	0.0000	OK
360 minute summer	S28		184	165.077	0.037	7.5	0.0423	0.0000	OK
360 minute summer	S33		184	163.163	0.042	9.1	0.0476	0.0000	OK
360 minute summer	S34		184	162.268	0.048	11.5	0.0539	0.0000	OK
360 minute summer	S36		184	160.720	0.050	14.2	0.0568	0.0000	OK
360 minute summer	S42		184	158.024	0.024	0.9	0.0340	0.0000	OK
360 minute summer	S158		184	157.961	0.061	15.8	0.0687	0.0000	OK
360 minute summer	S159		184	157.455	0.055	15.8	0.0626	0.0000	OK
360 minute summer	S160		184	157.279	0.079	15.7	0.0893	0.0000	OK
360 minute summer	INFILTRATION BASIN 1 INLET		376	155.922	0.120	15.5	84.5628	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S52		1.000	S25	2.2	0.555	0.052	0.1134
360 minute summer	S25		1.001	S27	4.6	0.890	0.075	0.2096
360 minute summer	S27		1.002	S28	5.4	1.112	0.077	0.1242
360 minute summer	S28		1.003	S33	7.5	1.588	0.060	0.1610
360 minute summer	S33		1.004	S34	9.0	1.612	0.077	0.0994
360 minute summer	S34		1.005	S36	11.5	1.811	0.098	0.1950
360 minute summer	S36		1.006	S158	14.1	1.864	0.110	0.3476
360 minute summer	S42		2.000	S158	0.9	0.173	0.023	0.1007
360 minute summer	S158		1.007	S159	15.8	1.949	0.141	0.0887
360 minute summer	S159		1.008	S160	15.7	0.333	0.002	0.8878
360 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	15.5	1.053	0.149	0.3320
360 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S52	184	166.366	0.030	1.6	0.0343	0.0000	OK
360 minute winter	S25	184	166.111	0.036	3.4	0.0509	0.0000	OK
360 minute winter	S27	192	165.538	0.038	4.0	0.0427	0.0000	OK
360 minute winter	S28	184	165.072	0.032	5.5	0.0365	0.0000	OK
360 minute winter	S33	184	163.157	0.036	6.7	0.0411	0.0000	OK
360 minute winter	S34	192	162.261	0.041	8.5	0.0464	0.0000	OK
360 minute winter	S36	184	160.713	0.043	10.5	0.0490	0.0000	OK
360 minute winter	S42	184	158.021	0.021	0.7	0.0301	0.0000	OK
360 minute winter	S158	184	157.952	0.052	11.8	0.0590	0.0000	OK
360 minute winter	S159	184	157.447	0.047	11.8	0.0533	0.0000	OK
360 minute winter	S160	184	157.269	0.069	11.8	0.0777	0.0000	OK
360 minute winter	INFILTRATION BASIN 1 INLET	368	155.982	0.179	11.8	95.3825	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S52	1.000	S25	1.6	0.507	0.039	0.0914
360 minute winter	S25	1.001	S27	3.4	0.810	0.055	0.1687
360 minute winter	S27	1.002	S28	4.0	1.021	0.057	0.1002
360 minute winter	S28	1.003	S33	5.5	1.447	0.044	0.1300
360 minute winter	S33	1.004	S34	6.7	1.481	0.057	0.0802
360 minute winter	S34	1.005	S36	8.5	1.661	0.072	0.1574
360 minute winter	S36	1.006	S158	10.5	1.712	0.082	0.2808
360 minute winter	S42	2.000	S158	0.7	0.165	0.018	0.0818
360 minute winter	S158	1.007	S159	11.8	1.818	0.106	0.0711
360 minute winter	S159	1.008	S160	11.8	0.302	0.002	0.7354
360 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	11.8	0.973	0.113	0.5183
360 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.4			

Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.96%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S52		248	166.367	0.031	1.7	0.0353	0.0000	OK
480 minute summer	S25		248	166.112	0.037	3.7	0.0531	0.0000	OK
480 minute summer	S27		248	165.540	0.040	4.4	0.0448	0.0000	OK
480 minute summer	S28		248	165.074	0.034	6.0	0.0380	0.0000	OK
480 minute summer	S33		248	163.159	0.038	7.3	0.0428	0.0000	OK
480 minute summer	S34		248	162.263	0.043	9.3	0.0485	0.0000	OK
480 minute summer	S36		248	160.715	0.045	11.4	0.0510	0.0000	OK
480 minute summer	S42		248	158.021	0.021	0.7	0.0303	0.0000	OK
480 minute summer	S158		248	157.954	0.054	12.8	0.0615	0.0000	OK
480 minute summer	S159		248	157.449	0.049	12.8	0.0559	0.0000	OK
480 minute summer	S160		248	157.272	0.072	12.8	0.0811	0.0000	OK
480 minute summer	INFILTRATION BASIN 1 INLET		496	155.953	0.151	12.8	90.2228	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S52		1.000	S25	1.7	0.516	0.041	0.0954
480 minute summer	S25		1.001	S27	3.7	0.827	0.059	0.1799
480 minute summer	S27		1.002	S28	4.4	1.051	0.063	0.1069
480 minute summer	S28		1.003	S33	6.0	1.485	0.048	0.1381
480 minute summer	S33		1.004	S34	7.3	1.515	0.062	0.0854
480 minute summer	S34		1.005	S36	9.3	1.705	0.079	0.1673
480 minute summer	S36		1.006	S158	11.4	1.753	0.089	0.2979
480 minute summer	S42		2.000	S158	0.7	0.160	0.018	0.0859
480 minute summer	S158		1.007	S159	12.8	1.853	0.115	0.0758
480 minute summer	S159		1.008	S160	12.8	0.310	0.002	0.7781
480 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	12.8	0.997	0.123	0.4233
480 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.4			

Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S52		248	166.363	0.027	1.3	0.0310	0.0000	OK
480 minute winter	S25		248	166.107	0.032	2.8	0.0463	0.0000	OK
480 minute winter	S27		248	165.534	0.034	3.3	0.0389	0.0000	OK
480 minute winter	S28		248	165.069	0.029	4.5	0.0331	0.0000	OK
480 minute winter	S33		248	163.154	0.033	5.4	0.0370	0.0000	OK
480 minute winter	S34		248	162.257	0.037	6.9	0.0418	0.0000	OK
480 minute winter	S36		248	160.709	0.039	8.5	0.0442	0.0000	OK
480 minute winter	S42		232	158.018	0.018	0.5	0.0259	0.0000	OK
480 minute winter	S158		248	157.947	0.047	9.5	0.0528	0.0000	OK
480 minute winter	S159		248	157.442	0.042	9.5	0.0473	0.0000	OK
480 minute winter	S160		248	157.262	0.062	9.5	0.0698	0.0000	OK
480 minute winter	INFILTRATION BASIN 1 INLET		480	156.010	0.207	9.5	100.6430	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S52		1.000	S25	1.3	0.476	0.031	0.0791
480 minute winter	S25		1.001	S27	2.8	0.766	0.045	0.1470
480 minute winter	S27		1.002	S28	3.3	0.966	0.047	0.0872
480 minute winter	S28		1.003	S33	4.5	1.369	0.036	0.1123
480 minute winter	S33		1.004	S34	5.4	1.389	0.046	0.0690
480 minute winter	S34		1.005	S36	6.9	1.561	0.059	0.1356
480 minute winter	S36		1.006	S158	8.5	1.615	0.066	0.2410
480 minute winter	S42		2.000	S158	0.5	0.152	0.013	0.0690
480 minute winter	S158		1.007	S159	9.5	1.728	0.085	0.0604
480 minute winter	S159		1.008	S160	9.5	0.280	0.001	0.6392
480 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	9.5	0.915	0.091	0.6083
480 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.4			

Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.96%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S52		315	166.364	0.028	1.4	0.0322	0.0000	OK
600 minute summer	S25		315	166.109	0.033	3.0	0.0479	0.0000	OK
600 minute summer	S27		315	165.535	0.035	3.5	0.0400	0.0000	OK
600 minute summer	S28		315	165.070	0.030	4.8	0.0342	0.0000	OK
600 minute summer	S33		315	163.155	0.034	5.8	0.0383	0.0000	OK
600 minute summer	S34		315	162.258	0.038	7.4	0.0433	0.0000	OK
600 minute summer	S36		315	160.710	0.040	9.1	0.0457	0.0000	OK
600 minute summer	S42		315	158.020	0.020	0.6	0.0282	0.0000	OK
600 minute summer	S158		315	157.948	0.048	10.2	0.0548	0.0000	OK
600 minute summer	S159		315	157.444	0.044	10.2	0.0492	0.0000	OK
600 minute summer	S160		315	157.264	0.064	10.2	0.0723	0.0000	OK
600 minute summer	INFILTRATION BASIN 1 INLET		615	155.969	0.167	10.2	93.0340	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S52		1.000	S25	1.4	0.487	0.034	0.0833
600 minute summer	S25		1.001	S27	3.0	0.785	0.048	0.1538
600 minute summer	S27		1.002	S28	3.5	0.982	0.050	0.0910
600 minute summer	S28		1.003	S33	4.8	1.392	0.039	0.1178
600 minute summer	S33		1.004	S34	5.8	1.416	0.049	0.0725
600 minute summer	S34		1.005	S36	7.4	1.594	0.063	0.1425
600 minute summer	S36		1.006	S158	9.1	1.646	0.071	0.2532
600 minute summer	S42		2.000	S158	0.6	0.160	0.016	0.0737
600 minute summer	S158		1.007	S159	10.2	1.757	0.091	0.0637
600 minute summer	S159		1.008	S160	10.2	0.287	0.001	0.6695
600 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	10.2	0.934	0.098	0.4699
600 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.4			

Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S52	315	166.361	0.025	1.1	0.0287	0.0000	OK
600 minute winter	S25	315	166.105	0.029	2.3	0.0422	0.0000	OK
600 minute winter	S27	315	165.531	0.031	2.7	0.0352	0.0000	OK
600 minute winter	S28	315	165.067	0.027	3.7	0.0302	0.0000	OK
600 minute winter	S33	315	163.151	0.030	4.5	0.0339	0.0000	OK
600 minute winter	S34	315	162.254	0.034	5.7	0.0381	0.0000	OK
600 minute winter	S36	315	160.706	0.036	7.0	0.0402	0.0000	OK
600 minute winter	S42	285	158.016	0.016	0.4	0.0234	0.0000	OK
600 minute winter	S158	315	157.942	0.042	7.8	0.0479	0.0000	OK
600 minute winter	S159	315	157.437	0.037	7.8	0.0423	0.0000	OK
600 minute winter	S160	315	157.256	0.056	7.8	0.0634	0.0000	OK
600 minute winter	INFILTRATION BASIN 1 INLET	600	156.020	0.218	7.8	102.6198	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S52	1.000	S25	1.1	0.453	0.026	0.0703
600 minute winter	S25	1.001	S27	2.3	0.724	0.037	0.1278
600 minute winter	S27	1.002	S28	2.7	0.910	0.039	0.0758
600 minute winter	S28	1.003	S33	3.7	1.284	0.030	0.0985
600 minute winter	S33	1.004	S34	4.5	1.318	0.038	0.0604
600 minute winter	S34	1.005	S36	5.7	1.480	0.049	0.1183
600 minute winter	S36	1.006	S158	7.0	1.530	0.054	0.2097
600 minute winter	S42	2.000	S158	0.4	0.139	0.011	0.0398
600 minute winter	S158	1.007	S159	7.8	1.650	0.070	0.0520
600 minute winter	S159	1.008	S160	7.8	0.261	0.001	0.5633
600 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	7.8	0.863	0.075	0.6370
600 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.4			

Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.96%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S52		375	166.363	0.027	1.3	0.0310	0.0000	OK
720 minute summer	S25		375	166.107	0.032	2.7	0.0455	0.0000	OK
720 minute summer	S27		375	165.534	0.034	3.2	0.0383	0.0000	OK
720 minute summer	S28		375	165.069	0.029	4.4	0.0328	0.0000	OK
720 minute summer	S33		375	163.153	0.032	5.3	0.0367	0.0000	OK
720 minute summer	S34		375	162.256	0.036	6.7	0.0412	0.0000	OK
720 minute summer	S36		375	160.708	0.038	8.2	0.0435	0.0000	OK
720 minute summer	S42		375	158.018	0.018	0.5	0.0259	0.0000	OK
720 minute summer	S158		375	157.946	0.046	9.2	0.0520	0.0000	OK
720 minute summer	S159		375	157.441	0.041	9.2	0.0464	0.0000	OK
720 minute summer	S160		375	157.261	0.061	9.2	0.0687	0.0000	OK
720 minute summer	INFILTRATION BASIN 1 INLET		735	155.970	0.168	9.2	93.2705	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S52		1.000	S25	1.3	0.476	0.031	0.0791
720 minute summer	S25		1.001	S27	2.7	0.756	0.043	0.1436
720 minute summer	S27		1.002	S28	3.2	0.956	0.046	0.0855
720 minute summer	S28		1.003	S33	4.4	1.359	0.036	0.1107
720 minute summer	S33		1.004	S34	5.3	1.386	0.045	0.0678
720 minute summer	S34		1.005	S36	6.7	1.550	0.057	0.1326
720 minute summer	S36		1.006	S158	8.2	1.597	0.064	0.2352
720 minute summer	S42		2.000	S158	0.5	0.145	0.013	0.0677
720 minute summer	S158		1.007	S159	9.2	1.714	0.082	0.0589
720 minute summer	S159		1.008	S160	9.2	0.277	0.001	0.6261
720 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	9.2	0.907	0.088	0.4728
720 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.4			

Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.96%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S52		345	166.359	0.023	0.9	0.0260	0.0000	OK
720 minute winter	S25		375	166.103	0.028	2.0	0.0395	0.0000	OK
720 minute winter	S27		375	165.529	0.029	2.4	0.0333	0.0000	OK
720 minute winter	S28		375	165.065	0.025	3.3	0.0286	0.0000	OK
720 minute winter	S33		375	163.149	0.028	4.0	0.0321	0.0000	OK
720 minute winter	S34		375	162.252	0.032	5.1	0.0361	0.0000	OK
720 minute winter	S36		375	160.704	0.034	6.2	0.0379	0.0000	OK
720 minute winter	S42		360	158.016	0.016	0.4	0.0234	0.0000	OK
720 minute winter	S158		375	157.940	0.040	7.0	0.0454	0.0000	OK
720 minute winter	S159		375	157.435	0.035	7.0	0.0397	0.0000	OK
720 minute winter	S160		375	157.253	0.053	7.0	0.0601	0.0000	OK
720 minute winter	INFILTRATION BASIN 1 INLET		720	156.048	0.246	7.0	108.0109	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S52		1.000	S25	0.9	0.427	0.022	0.0611
720 minute winter	S25		1.001	S27	2.0	0.689	0.032	0.1168
720 minute winter	S27		1.002	S28	2.4	0.877	0.034	0.0698
720 minute winter	S28		1.003	S33	3.3	1.241	0.027	0.0908
720 minute winter	S33		1.004	S34	4.0	1.270	0.034	0.0558
720 minute winter	S34		1.005	S36	5.1	1.435	0.043	0.1091
720 minute winter	S36		1.006	S158	6.2	1.468	0.048	0.1934
720 minute winter	S42		2.000	S158	0.4	0.144	0.011	0.0362
720 minute winter	S158		1.007	S159	7.0	1.606	0.063	0.0478
720 minute winter	S159		1.008	S160	7.0	0.251	0.001	0.5262
720 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	7.0	0.836	0.067	0.7144
720 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.4			

Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.96%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S52		495	166.360	0.024	1.0	0.0274	0.0000	OK
960 minute summer	S25		495	166.104	0.029	2.2	0.0413	0.0000	OK
960 minute summer	S27		495	165.531	0.031	2.6	0.0346	0.0000	OK
960 minute summer	S28		495	165.066	0.026	3.5	0.0294	0.0000	OK
960 minute summer	S33		495	163.150	0.029	4.2	0.0328	0.0000	OK
960 minute summer	S34		495	162.253	0.033	5.4	0.0371	0.0000	OK
960 minute summer	S36		495	160.705	0.035	6.6	0.0391	0.0000	OK
960 minute summer	S42		480	158.016	0.016	0.4	0.0234	0.0000	OK
960 minute summer	S158		495	157.941	0.041	7.4	0.0467	0.0000	OK
960 minute summer	S159		495	157.436	0.036	7.4	0.0410	0.0000	OK
960 minute summer	S160		495	157.255	0.055	7.4	0.0618	0.0000	OK
960 minute summer	INFILTRATION BASIN 1 INLET		975	155.981	0.179	7.4	95.3732	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S52		1.000	S25	1.0	0.440	0.024	0.0658
960 minute summer	S25		1.001	S27	2.2	0.712	0.035	0.1243
960 minute summer	S27		1.002	S28	2.6	0.903	0.037	0.0735
960 minute summer	S28		1.003	S33	3.5	1.268	0.028	0.0943
960 minute summer	S33		1.004	S34	4.2	1.284	0.036	0.0579
960 minute summer	S34		1.005	S36	5.4	1.457	0.046	0.1137
960 minute summer	S36		1.006	S158	6.6	1.499	0.051	0.2016
960 minute summer	S42		2.000	S158	0.4	0.144	0.011	0.0580
960 minute summer	S158		1.007	S159	7.4	1.629	0.066	0.0499
960 minute summer	S159		1.008	S160	7.4	0.256	0.001	0.5448
960 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	7.4	0.850	0.071	0.5109
960 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.4			

Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.96%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S52		495	166.358	0.022	0.8	0.0246	0.0000	OK
960 minute winter	S25		495	166.101	0.026	1.7	0.0366	0.0000	OK
960 minute winter	S27		495	165.527	0.027	2.0	0.0306	0.0000	OK
960 minute winter	S28		495	165.063	0.023	2.7	0.0260	0.0000	OK
960 minute winter	S33		495	163.147	0.026	3.3	0.0293	0.0000	OK
960 minute winter	S34		495	162.249	0.029	4.2	0.0329	0.0000	OK
960 minute winter	S36		495	160.701	0.031	5.1	0.0345	0.0000	OK
960 minute winter	S42		435	158.014	0.014	0.3	0.0205	0.0000	OK
960 minute winter	S158		495	157.936	0.036	5.7	0.0411	0.0000	OK
960 minute winter	S159		495	157.431	0.031	5.7	0.0353	0.0000	OK
960 minute winter	S160		495	157.248	0.048	5.7	0.0543	0.0000	OK
960 minute winter	INFILTRATION BASIN 1 INLET		960	156.072	0.270	5.7	112.7493	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S52		1.000	S25	0.8	0.412	0.019	0.0563
960 minute winter	S25		1.001	S27	1.7	0.659	0.027	0.1037
960 minute winter	S27		1.002	S28	2.0	0.836	0.029	0.0613
960 minute winter	S28		1.003	S33	2.7	1.167	0.022	0.0792
960 minute winter	S33		1.004	S34	3.3	1.197	0.028	0.0488
960 minute winter	S34		1.005	S36	4.2	1.356	0.036	0.0951
960 minute winter	S36		1.006	S158	5.1	1.391	0.040	0.1679
960 minute winter	S42		2.000	S158	0.3	0.136	0.008	0.0481
960 minute winter	S158		1.007	S159	5.7	1.532	0.051	0.0409
960 minute winter	S159		1.008	S160	5.7	0.232	0.001	0.4623
960 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	5.7	0.787	0.055	0.7683
960 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.4			

Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S52	750	166.356	0.020	0.7	0.0231	0.0000	OK
1440 minute summer	S25	750	166.099	0.024	1.5	0.0345	0.0000	OK
1440 minute summer	S27	750	165.526	0.026	1.8	0.0290	0.0000	OK
1440 minute summer	S28	750	165.062	0.022	2.5	0.0251	0.0000	OK
1440 minute summer	S33	750	163.146	0.025	3.0	0.0280	0.0000	OK
1440 minute summer	S34	750	162.248	0.028	3.8	0.0314	0.0000	OK
1440 minute summer	S36	750	160.699	0.029	4.7	0.0332	0.0000	OK
1440 minute summer	S42	750	158.014	0.014	0.3	0.0205	0.0000	OK
1440 minute summer	S158	750	157.935	0.035	5.3	0.0396	0.0000	OK
1440 minute summer	S159	750	157.430	0.030	5.3	0.0339	0.0000	OK
1440 minute summer	S160	750	157.246	0.046	5.3	0.0525	0.0000	OK
1440 minute summer	INFILTRATION BASIN 1 INLET	1470	156.001	0.199	5.3	98.9623	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S52	1.000	S25	0.7	0.396	0.017	0.0512
1440 minute summer	S25	1.001	S27	1.5	0.633	0.024	0.0955
1440 minute summer	S27	1.002	S28	1.8	0.804	0.026	0.0573
1440 minute summer	S28	1.003	S33	2.5	1.145	0.020	0.0745
1440 minute summer	S33	1.004	S34	3.0	1.165	0.025	0.0456
1440 minute summer	S34	1.005	S36	3.8	1.305	0.032	0.0893
1440 minute summer	S36	1.006	S158	4.7	1.353	0.037	0.1590
1440 minute summer	S42	2.000	S158	0.3	0.128	0.008	0.0461
1440 minute summer	S158	1.007	S159	5.3	1.505	0.048	0.0386
1440 minute summer	S159	1.008	S160	5.3	0.226	0.001	0.4420
1440 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	5.3	0.771	0.051	0.5734
1440 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.4			

Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S52	750	166.355	0.019	0.6	0.0215	0.0000	OK
1440 minute winter	S25	750	166.097	0.022	1.2	0.0310	0.0000	OK
1440 minute winter	S27	750	165.523	0.023	1.4	0.0257	0.0000	OK
1440 minute winter	S28	750	165.060	0.020	1.9	0.0221	0.0000	OK
1440 minute winter	S33	750	163.143	0.022	2.3	0.0247	0.0000	OK
1440 minute winter	S34	750	162.244	0.024	2.9	0.0276	0.0000	OK
1440 minute winter	S36	750	160.696	0.026	3.6	0.0293	0.0000	OK
1440 minute winter	S42	630	158.012	0.012	0.2	0.0169	0.0000	OK
1440 minute winter	S158	750	157.931	0.031	4.0	0.0346	0.0000	OK
1440 minute winter	S159	750	157.426	0.025	4.0	0.0288	0.0000	OK
1440 minute winter	S160	750	157.241	0.040	4.0	0.0458	0.0000	OK
1440 minute winter	INFILTRATION BASIN 1 INLET	1410	156.066	0.264	4.0	111.5721	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S52	1.000	S25	0.6	0.378	0.014	0.0460
1440 minute winter	S25	1.001	S27	1.2	0.596	0.019	0.0809
1440 minute winter	S27	1.002	S28	1.4	0.749	0.020	0.0477
1440 minute winter	S28	1.003	S33	1.9	1.053	0.015	0.0617
1440 minute winter	S33	1.004	S34	2.3	1.077	0.020	0.0378
1440 minute winter	S34	1.005	S36	2.9	1.201	0.025	0.0741
1440 minute winter	S36	1.006	S158	3.6	1.254	0.028	0.1314
1440 minute winter	S42	2.000	S158	0.2	0.127	0.005	0.0373
1440 minute winter	S158	1.007	S159	4.0	1.409	0.036	0.0312
1440 minute winter	S159	1.008	S160	4.0	0.203	0.001	0.3722
1440 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	4.0	0.709	0.038	0.7559
1440 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.4			

Results for 100 year +40% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.53%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S52		10	166.449	0.113	20.0	0.1276	0.0000	OK
15 minute summer	S25		10	166.213	0.138	42.1	0.1978	0.0000	OK
15 minute summer	S27		11	165.651	0.151	49.2	0.1706	0.0000	OK
15 minute summer	S28		11	165.157	0.117	66.8	0.1326	0.0000	OK
15 minute summer	S33		11	163.267	0.146	80.9	0.1656	0.0000	OK
15 minute summer	S34		11	162.392	0.172	102.9	0.1943	0.0000	OK
15 minute summer	S36		12	161.204	0.534	125.5	0.6034	0.0000	SURCHARGED
15 minute summer	S42		12	158.604	0.604	10.6	0.8645	0.0000	SURCHARGED
15 minute summer	S158		12	158.598	0.698	128.8	0.7897	0.0000	SURCHARGED
15 minute summer	S159		14	157.586	0.186	128.5	0.2105	0.0000	OK
15 minute summer	S160		14	157.579	0.379	128.4	0.4291	0.0000	SURCHARGED
15 minute summer	INFILTRATION BASIN 1 INLET		32	155.789	-0.013	109.9	62.4242	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S52		1.000	S25	19.6	1.017	0.471	0.5599
15 minute summer	S25		1.001	S27	41.7	1.553	0.669	1.0781
15 minute summer	S27		1.002	S28	49.1	1.992	0.702	0.6272
15 minute summer	S28		1.003	S33	67.1	2.776	0.541	0.8236
15 minute summer	S33		1.004	S34	81.4	2.713	0.690	0.5297
15 minute summer	S34		1.005	S36	101.5	3.008	0.864	1.1088
15 minute summer	S36		1.006	S158	120.7	3.069	0.938	1.8175
15 minute summer	S42		2.000	S158	12.3	0.315	0.324	0.7386
15 minute summer	S158		1.007	S159	128.5	3.361	1.152	0.4106
15 minute summer	S159		1.008	S160	128.4	0.542	0.017	7.6468
15 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	109.9	1.647	1.054	1.5157
15 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 100 year +40% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.62%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S52		10	166.452	0.116	21.0	0.1311	0.0000	OK
15 minute winter	S25		10	166.218	0.143	44.2	0.2044	0.0000	OK
15 minute winter	S27		11	165.656	0.156	51.5	0.1761	0.0000	OK
15 minute winter	S28		11	165.161	0.121	69.8	0.1366	0.0000	OK
15 minute winter	S33		10	163.271	0.150	84.4	0.1691	0.0000	OK
15 minute winter	S34		12	162.636	0.416	106.9	0.4710	0.0000	SURCHARGED
15 minute winter	S36		12	161.346	0.676	131.6	0.7647	0.0000	SURCHARGED
15 minute winter	S42		12	158.648	0.648	15.3	0.9271	0.0000	SURCHARGED
15 minute winter	S158		12	158.643	0.743	131.5	0.8406	0.0000	SURCHARGED
15 minute winter	S159		14	157.615	0.215	131.5	0.2434	0.0000	OK
15 minute winter	S160		14	157.610	0.410	128.9	0.4642	0.0000	SURCHARGED
15 minute winter	INFILTRATION BASIN 1 INLET		32	155.836	0.034	110.9	69.9305	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S52		1.000	S25	20.5	1.028	0.492	0.5791
15 minute winter	S25		1.001	S27	43.6	1.566	0.700	1.1184
15 minute winter	S27		1.002	S28	51.3	2.007	0.733	0.6503
15 minute winter	S28		1.003	S33	69.8	2.834	0.563	0.8454
15 minute winter	S33		1.004	S34	84.3	2.713	0.715	0.5980
15 minute winter	S34		1.005	S36	106.4	3.035	0.906	1.2199
15 minute winter	S36		1.006	S158	118.3	2.974	0.919	1.8175
15 minute winter	S42		2.000	S158	14.6	0.547	0.384	0.7386
15 minute winter	S158		1.007	S159	131.5	3.423	1.179	0.4326
15 minute winter	S159		1.008	S160	128.9	0.541	0.017	8.9398
15 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	110.9	1.638	1.064	1.5179
15 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 100 year +40% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S52	18	166.443	0.107	18.1	0.1212	0.0000	OK
30 minute summer	S25	18	166.205	0.130	38.4	0.1863	0.0000	OK
30 minute summer	S27	18	165.642	0.142	45.2	0.1609	0.0000	OK
30 minute summer	S28	18	165.152	0.112	61.7	0.1263	0.0000	OK
30 minute summer	S33	18	163.258	0.137	74.7	0.1553	0.0000	OK
30 minute summer	S34	18	162.380	0.160	94.7	0.1813	0.0000	OK
30 minute summer	S36	18	160.842	0.172	116.3	0.1943	0.0000	OK
30 minute summer	S42	19	158.545	0.545	7.7	0.7797	0.0000	SURCHARGED
30 minute summer	S158	19	158.536	0.636	126.9	0.7190	0.0000	SURCHARGED
30 minute summer	S159	19	157.563	0.163	124.4	0.1843	0.0000	OK
30 minute summer	S160	21	157.547	0.347	123.9	0.3924	0.0000	SURCHARGED
30 minute summer	INFILTRATION BASIN 1 INLET	46	155.905	0.103	108.8	81.6830	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S52	1.000	S25	18.1	0.997	0.435	0.5258
30 minute summer	S25	1.001	S27	38.4	1.527	0.617	1.0100
30 minute summer	S27	1.002	S28	45.0	1.951	0.643	0.5878
30 minute summer	S28	1.003	S33	61.6	2.734	0.497	0.7685
30 minute summer	S33	1.004	S34	74.4	2.683	0.631	0.4922
30 minute summer	S34	1.005	S36	94.6	3.026	0.805	0.9629
30 minute summer	S36	1.006	S158	114.5	2.967	0.889	1.6520
30 minute summer	S42	2.000	S158	10.5	0.458	0.275	0.7386
30 minute summer	S158	1.007	S159	124.4	3.269	1.115	0.3869
30 minute summer	S159	1.008	S160	123.9	0.531	0.016	6.4704
30 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	108.8	1.649	1.043	1.5131
30 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.3			

Results for 100 year +40% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event			US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S52			18	166.437	0.101	16.3	0.1140	0.0000	OK
30 minute winter	S25			18	166.197	0.122	34.7	0.1745	0.0000	OK
30 minute winter	S27			18	165.633	0.133	40.8	0.1503	0.0000	OK
30 minute winter	S28			18	165.145	0.105	55.8	0.1190	0.0000	OK
30 minute winter	S33			18	163.249	0.128	67.5	0.1450	0.0000	OK
30 minute winter	S34			18	162.370	0.149	85.8	0.1691	0.0000	OK
30 minute winter	S36			18	160.823	0.153	105.3	0.1734	0.0000	OK
30 minute winter	S42			19	158.402	0.402	6.5	0.5750	0.0000	SURCHARGED
30 minute winter	S158			19	158.396	0.496	116.4	0.5608	0.0000	SURCHARGED
30 minute winter	S159			19	157.557	0.157	114.7	0.1772	0.0000	OK
30 minute winter	S160			21	157.492	0.291	114.4	0.3297	0.0000	OK
30 minute winter	INFILTRATION BASIN 1 INLET			45	155.960	0.158	108.1	91.4093	0.0000	OK
Link Event			US Node	Link		DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S52			1.000	S25		16.3	0.971	0.392	0.4861
30 minute winter	S25			1.001	S27		34.7	1.496	0.557	0.9318
30 minute winter	S27			1.002	S28		40.7	1.910	0.582	0.5433
30 minute winter	S28			1.003	S33		55.7	2.682	0.450	0.7094
30 minute winter	S33			1.004	S34		67.4	2.623	0.572	0.4544
30 minute winter	S34			1.005	S36		85.7	3.017	0.729	0.8713
30 minute winter	S36			1.006	S158		105.1	2.809	0.816	1.5670
30 minute winter	S42			2.000	S158		10.0	0.286	0.263	0.7386
30 minute winter	S158			1.007	S159		114.7	3.046	1.028	0.3798
30 minute winter	S159			1.008	S160		114.4	0.514	0.015	5.0910
30 minute winter	S160			1.009	INFILTRATION BASIN 1 INLET		108.1	1.645	1.036	1.5046
30 minute winter	INFILTRATION BASIN 1 INLET			Infiltration			0.4			

Results for 100 year +40% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S52		33	166.427	0.090	13.5	0.1024	0.0000	OK
60 minute summer	S25		33	166.184	0.109	28.7	0.1553	0.0000	OK
60 minute summer	S27		33	165.618	0.118	33.8	0.1334	0.0000	OK
60 minute summer	S28		33	165.135	0.095	46.2	0.1070	0.0000	OK
60 minute summer	S33		33	163.235	0.113	55.9	0.1284	0.0000	OK
60 minute summer	S34		33	162.351	0.131	71.0	0.1482	0.0000	OK
60 minute summer	S36		33	160.805	0.135	87.1	0.1522	0.0000	OK
60 minute summer	S42		34	158.109	0.109	5.4	0.1554	0.0000	OK
60 minute summer	S158		34	158.106	0.206	96.9	0.2328	0.0000	OK
60 minute summer	S159		34	157.544	0.144	96.4	0.1629	0.0000	OK
60 minute summer	S160		35	157.432	0.232	96.6	0.2627	0.0000	OK
60 minute summer	INFILTRATION BASIN 1 INLET		75	156.017	0.215	95.2	102.0326	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S52		1.000	S25	13.5	0.925	0.325	0.4225
60 minute summer	S25		1.001	S27	28.7	1.435	0.461	0.8038
60 minute summer	S27		1.002	S28	33.7	1.829	0.482	0.4703
60 minute summer	S28		1.003	S33	46.1	2.572	0.372	0.6126
60 minute summer	S33		1.004	S34	55.8	2.534	0.473	0.3896
60 minute summer	S34		1.005	S36	70.9	2.909	0.604	0.7476
60 minute summer	S36		1.006	S158	86.9	2.748	0.675	1.4319
60 minute summer	S42		2.000	S158	5.7	0.249	0.150	0.5299
60 minute summer	S158		1.007	S159	96.4	2.921	0.864	0.3560
60 minute summer	S159		1.008	S160	96.6	0.506	0.012	3.8337
60 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	95.2	1.648	0.913	1.3033
60 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.4			

Results for 100 year +40% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S52		33	166.417	0.081	11.0	0.0914	0.0000	OK
60 minute winter	S25		33	166.171	0.096	23.3	0.1375	0.0000	OK
60 minute winter	S27		33	165.604	0.104	27.4	0.1176	0.0000	OK
60 minute winter	S28		33	165.124	0.084	37.4	0.0954	0.0000	OK
60 minute winter	S33		33	163.221	0.100	45.3	0.1129	0.0000	OK
60 minute winter	S34		33	162.335	0.115	57.6	0.1296	0.0000	OK
60 minute winter	S36		33	160.788	0.118	70.6	0.1336	0.0000	OK
60 minute winter	S42		34	158.067	0.067	4.4	0.0959	0.0000	OK
60 minute winter	S158		33	158.066	0.166	79.0	0.1872	0.0000	OK
60 minute winter	S159		34	157.530	0.130	78.8	0.1473	0.0000	OK
60 minute winter	S160		34	157.399	0.199	78.9	0.2252	0.0000	OK
60 minute winter	INFILTRATION BASIN 1 INLET		74	156.080	0.278	78.6	114.3732	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S52		1.000	S25	11.0	0.877	0.265	0.3634
60 minute winter	S25		1.001	S27	23.3	1.367	0.374	0.6850
60 minute winter	S27		1.002	S28	27.3	1.738	0.391	0.4017
60 minute winter	S28		1.003	S33	37.4	2.448	0.302	0.5221
60 minute winter	S33		1.004	S34	45.3	2.428	0.384	0.3301
60 minute winter	S34		1.005	S36	57.5	2.778	0.490	0.6351
60 minute winter	S36		1.006	S158	70.5	2.678	0.548	1.1978
60 minute winter	S42		2.000	S158	4.4	0.235	0.115	0.3826
60 minute winter	S158		1.007	S159	78.8	2.852	0.707	0.3021
60 minute winter	S159		1.008	S160	78.9	0.488	0.010	3.1245
60 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	78.6	1.601	0.753	1.1076
60 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.4			

Results for 100 year +40% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S52	64	166.408	0.072	8.8	0.0810	0.0000	OK
120 minute summer	S25	64	166.160	0.085	18.7	0.1216	0.0000	OK
120 minute summer	S27	64	165.592	0.092	22.0	0.1037	0.0000	OK
120 minute summer	S28	64	165.115	0.075	30.1	0.0851	0.0000	OK
120 minute summer	S33	64	163.209	0.088	36.5	0.0996	0.0000	OK
120 minute summer	S34	64	162.321	0.101	46.4	0.1139	0.0000	OK
120 minute summer	S36	64	160.774	0.104	57.0	0.1179	0.0000	OK
120 minute summer	S42	64	158.046	0.046	3.5	0.0655	0.0000	OK
120 minute summer	S158	64	158.040	0.140	63.8	0.1586	0.0000	OK
120 minute summer	S159	64	157.517	0.117	63.7	0.1320	0.0000	OK
120 minute summer	S160	64	157.372	0.172	63.6	0.1941	0.0000	OK
120 minute summer	INFILTRATION BASIN 1 INLET	134	156.124	0.322	63.0	123.3360	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S52	1.000	S25	8.8	0.825	0.212	0.3089
120 minute summer	S25	1.001	S27	18.7	1.295	0.300	0.5807
120 minute summer	S27	1.002	S28	22.0	1.644	0.314	0.3417
120 minute summer	S28	1.003	S33	30.1	2.317	0.243	0.4437
120 minute summer	S33	1.004	S34	36.5	2.313	0.309	0.2793
120 minute summer	S34	1.005	S36	46.4	2.638	0.395	0.5393
120 minute summer	S36	1.006	S158	57.0	2.587	0.443	1.0050
120 minute summer	S42	2.000	S158	3.5	0.230	0.092	0.2951
120 minute summer	S158	1.007	S159	63.7	2.722	0.571	0.2565
120 minute summer	S159	1.008	S160	63.6	0.475	0.008	2.5543
120 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	63.0	1.529	0.604	0.9307
120 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.4			

Results for 100 year +40% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S52	64	166.399	0.063	6.8	0.0707	0.0000	OK
120 minute winter	S25	64	166.149	0.074	14.4	0.1056	0.0000	OK
120 minute winter	S27	64	165.579	0.079	16.9	0.0896	0.0000	OK
120 minute winter	S28	64	165.106	0.066	23.2	0.0743	0.0000	OK
120 minute winter	S33	64	163.197	0.076	28.1	0.0860	0.0000	OK
120 minute winter	S34	64	162.307	0.087	35.7	0.0980	0.0000	OK
120 minute winter	S36	64	160.760	0.090	43.8	0.1018	0.0000	OK
120 minute winter	S42	64	158.040	0.040	2.7	0.0578	0.0000	OK
120 minute winter	S158	64	158.017	0.117	49.0	0.1323	0.0000	OK
120 minute winter	S159	64	157.502	0.102	49.0	0.1153	0.0000	OK
120 minute winter	S160	64	157.347	0.147	49.0	0.1661	0.0000	OK
120 minute winter	INFILTRATION BASIN 1 INLET	134	156.196	0.394	48.8	138.6912	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S52	1.000	S25	6.8	0.769	0.164	0.2562
120 minute winter	S25	1.001	S27	14.4	1.212	0.231	0.4778
120 minute winter	S27	1.002	S28	16.9	1.533	0.241	0.2817
120 minute winter	S28	1.003	S33	23.2	2.168	0.187	0.3656
120 minute winter	S33	1.004	S34	28.1	2.173	0.238	0.2289
120 minute winter	S34	1.005	S36	35.7	2.470	0.304	0.4432
120 minute winter	S36	1.006	S158	43.8	2.458	0.340	0.8149
120 minute winter	S42	2.000	S158	2.7	0.221	0.071	0.2383
120 minute winter	S158	1.007	S159	49.0	2.557	0.439	0.2101
120 minute winter	S159	1.008	S160	49.0	0.451	0.006	2.0575
120 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	48.8	1.439	0.468	0.9878
120 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.4			

Results for 100 year +40% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S52	96	166.397	0.061	6.5	0.0691	0.0000	OK
180 minute summer	S25	96	166.147	0.072	13.8	0.1032	0.0000	OK
180 minute summer	S27	96	165.577	0.077	16.2	0.0876	0.0000	OK
180 minute summer	S28	96	165.104	0.064	22.2	0.0726	0.0000	OK
180 minute summer	S33	96	163.195	0.074	26.9	0.0840	0.0000	OK
180 minute summer	S34	96	162.305	0.085	34.2	0.0957	0.0000	OK
180 minute summer	S36	96	160.758	0.088	42.0	0.0995	0.0000	OK
180 minute summer	S42	96	158.040	0.040	2.6	0.0567	0.0000	OK
180 minute summer	S158	96	158.014	0.114	47.0	0.1288	0.0000	OK
180 minute summer	S159	96	157.500	0.100	47.0	0.1129	0.0000	OK
180 minute summer	S160	96	157.344	0.143	47.0	0.1623	0.0000	OK
180 minute summer	INFILTRATION BASIN 1 INLET	196	156.185	0.383	47.0	136.2897	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S52	1.000	S25	6.5	0.759	0.156	0.2480
180 minute summer	S25	1.001	S27	13.8	1.198	0.222	0.4632
180 minute summer	S27	1.002	S28	16.2	1.516	0.232	0.2730
180 minute summer	S28	1.003	S33	22.2	2.144	0.179	0.3540
180 minute summer	S33	1.004	S34	26.9	2.149	0.228	0.2216
180 minute summer	S34	1.005	S36	34.2	2.443	0.291	0.4295
180 minute summer	S36	1.006	S158	42.0	2.436	0.326	0.7889
180 minute summer	S42	2.000	S158	2.6	0.220	0.068	0.2306
180 minute summer	S158	1.007	S159	47.0	2.532	0.421	0.2036
180 minute summer	S159	1.008	S160	47.0	0.447	0.006	1.9927
180 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	47.0	1.425	0.450	0.9098
180 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.4			

Results for 100 year +40% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S52	96	166.389	0.053	5.0	0.0604	0.0000	OK
180 minute winter	S25	96	166.138	0.063	10.7	0.0903	0.0000	OK
180 minute winter	S27	96	165.568	0.068	12.6	0.0766	0.0000	OK
180 minute winter	S28	96	165.096	0.056	17.2	0.0638	0.0000	OK
180 minute winter	S33	96	163.186	0.065	20.8	0.0731	0.0000	OK
180 minute winter	S34	96	162.294	0.074	26.5	0.0833	0.0000	OK
180 minute winter	S36	96	160.747	0.077	32.5	0.0868	0.0000	OK
180 minute winter	S42	96	158.035	0.035	2.0	0.0499	0.0000	OK
180 minute winter	S158	96	157.997	0.097	36.4	0.1098	0.0000	OK
180 minute winter	S159	96	157.487	0.087	36.4	0.0987	0.0000	OK
180 minute winter	S160	96	157.324	0.124	36.4	0.1403	0.0000	OK
180 minute winter	INFILTRATION BASIN 1 INLET	192	156.260	0.458	36.4	152.9022	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S52	1.000	S25	5.0	0.705	0.120	0.2053
180 minute winter	S25	1.001	S27	10.7	1.119	0.172	0.3845
180 minute winter	S27	1.002	S28	12.6	1.417	0.180	0.2272
180 minute winter	S28	1.003	S33	17.2	2.004	0.139	0.2933
180 minute winter	S33	1.004	S34	20.8	2.014	0.176	0.1830
180 minute winter	S34	1.005	S36	26.5	2.283	0.226	0.3560
180 minute winter	S36	1.006	S158	32.5	2.299	0.253	0.6473
180 minute winter	S42	2.000	S158	2.0	0.207	0.053	0.1883
180 minute winter	S158	1.007	S159	36.4	2.380	0.326	0.1678
180 minute winter	S159	1.008	S160	36.4	0.422	0.005	1.6321
180 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	36.4	1.334	0.349	1.0059
180 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.4			

Results for 100 year +40% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S52	124	166.392	0.056	5.5	0.0631	0.0000	OK
240 minute summer	S25	124	166.141	0.066	11.6	0.0942	0.0000	OK
240 minute summer	S27	124	165.571	0.071	13.7	0.0798	0.0000	OK
240 minute summer	S28	124	165.099	0.059	18.7	0.0665	0.0000	OK
240 minute summer	S33	124	163.189	0.068	22.6	0.0764	0.0000	OK
240 minute summer	S34	124	162.297	0.077	28.8	0.0870	0.0000	OK
240 minute summer	S36	124	160.750	0.080	35.3	0.0905	0.0000	OK
240 minute summer	S42	124	158.036	0.036	2.2	0.0520	0.0000	OK
240 minute summer	S158	124	158.002	0.102	39.4	0.1151	0.0000	OK
240 minute summer	S159	124	157.491	0.091	39.2	0.1025	0.0000	OK
240 minute summer	S160	124	157.328	0.128	39.0	0.1451	0.0000	OK
240 minute summer	INFILTRATION BASIN 1 INLET	256	156.227	0.425	38.6	145.5251	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S52	1.000	S25	5.4	0.722	0.131	0.2184
240 minute summer	S25	1.001	S27	11.6	1.143	0.186	0.4075
240 minute summer	S27	1.002	S28	13.6	1.445	0.194	0.2405
240 minute summer	S28	1.003	S33	18.6	2.045	0.150	0.3113
240 minute summer	S33	1.004	S34	22.6	2.055	0.191	0.1944
240 minute summer	S34	1.005	S36	28.7	2.331	0.244	0.3773
240 minute summer	S36	1.006	S158	35.2	2.343	0.273	0.6870
240 minute summer	S42	2.000	S158	2.2	0.211	0.057	0.2003
240 minute summer	S158	1.007	S159	39.2	2.425	0.352	0.1775
240 minute summer	S159	1.008	S160	39.0	0.431	0.005	1.7132
240 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	38.6	1.354	0.370	0.9363
240 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.4			

Results for 100 year +40% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S52	124	166.384	0.048	4.1	0.0545	0.0000	OK
240 minute winter	S25	124	166.132	0.057	8.7	0.0811	0.0000	OK
240 minute winter	S27	124	165.560	0.060	10.2	0.0684	0.0000	OK
240 minute winter	S28	124	165.091	0.051	13.9	0.0574	0.0000	OK
240 minute winter	S33	124	163.179	0.058	16.9	0.0656	0.0000	OK
240 minute winter	S34	124	162.286	0.066	21.5	0.0745	0.0000	OK
240 minute winter	S36	124	160.739	0.069	26.4	0.0778	0.0000	OK
240 minute winter	S42	124	158.031	0.031	1.6	0.0448	0.0000	OK
240 minute winter	S158	124	157.986	0.086	29.5	0.0969	0.0000	OK
240 minute winter	S159	124	157.478	0.078	29.4	0.0881	0.0000	OK
240 minute winter	S160	124	157.310	0.110	29.4	0.1246	0.0000	OK
240 minute winter	INFILTRATION BASIN 1 INLET	252	156.305	0.503	29.3	163.5043	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S52	1.000	S25	4.1	0.666	0.098	0.1776
240 minute winter	S25	1.001	S27	8.7	1.059	0.139	0.3293
240 minute winter	S27	1.002	S28	10.1	1.333	0.145	0.1946
240 minute winter	S28	1.003	S33	13.9	1.890	0.112	0.2521
240 minute winter	S33	1.004	S34	16.9	1.909	0.143	0.1569
240 minute winter	S34	1.005	S36	21.5	2.158	0.183	0.3056
240 minute winter	S36	1.006	S158	26.4	2.190	0.205	0.5513
240 minute winter	S42	2.000	S158	1.6	0.200	0.042	0.1596
240 minute winter	S158	1.007	S159	29.4	2.261	0.264	0.1427
240 minute winter	S159	1.008	S160	29.4	0.401	0.004	1.3883
240 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	29.3	1.258	0.281	0.9973
240 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 100 year +40% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S52	184	166.384	0.048	4.1	0.0543	0.0000	OK
360 minute summer	S25	184	166.132	0.057	8.7	0.0809	0.0000	OK
360 minute summer	S27	184	165.560	0.060	10.1	0.0681	0.0000	OK
360 minute summer	S28	184	165.091	0.051	13.9	0.0572	0.0000	OK
360 minute summer	S33	184	163.179	0.058	16.8	0.0653	0.0000	OK
360 minute summer	S34	184	162.286	0.066	21.4	0.0741	0.0000	OK
360 minute summer	S36	184	160.739	0.068	26.2	0.0775	0.0000	OK
360 minute summer	S42	184	158.031	0.031	1.6	0.0446	0.0000	OK
360 minute summer	S158	184	157.985	0.085	29.2	0.0963	0.0000	OK
360 minute summer	S159	184	157.477	0.077	29.1	0.0874	0.0000	OK
360 minute summer	S160	184	157.309	0.109	28.9	0.1231	0.0000	OK
360 minute summer	INFILTRATION BASIN 1 INLET	376	156.278	0.476	28.7	157.2151	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S52	1.000	S25	4.1	0.665	0.098	0.1770
360 minute summer	S25	1.001	S27	8.6	1.057	0.138	0.3277
360 minute summer	S27	1.002	S28	10.1	1.329	0.144	0.1934
360 minute summer	S28	1.003	S33	13.8	1.885	0.111	0.2505
360 minute summer	S33	1.004	S34	16.8	1.904	0.142	0.1559
360 minute summer	S34	1.005	S36	21.3	2.152	0.181	0.3036
360 minute summer	S36	1.006	S158	26.1	2.186	0.203	0.5471
360 minute summer	S42	2.000	S158	1.6	0.196	0.042	0.1584
360 minute summer	S158	1.007	S159	29.1	2.256	0.261	0.1414
360 minute summer	S159	1.008	S160	28.9	0.399	0.004	1.3689
360 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	28.7	1.251	0.275	0.9506
360 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 100 year +40% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S52	184	166.377	0.041	3.0	0.0466	0.0000	OK
360 minute winter	S25	184	166.124	0.048	6.4	0.0694	0.0000	OK
360 minute winter	S27	184	165.552	0.052	7.5	0.0584	0.0000	OK
360 minute winter	S28	184	165.084	0.044	10.3	0.0494	0.0000	OK
360 minute winter	S33	184	163.170	0.049	12.5	0.0559	0.0000	OK
360 minute winter	S34	184	162.276	0.056	15.9	0.0635	0.0000	OK
360 minute winter	S36	184	160.729	0.059	19.4	0.0666	0.0000	OK
360 minute winter	S42	184	158.027	0.027	1.2	0.0391	0.0000	OK
360 minute winter	S158	184	157.972	0.072	21.7	0.0816	0.0000	OK
360 minute winter	S159	184	157.466	0.066	21.7	0.0748	0.0000	OK
360 minute winter	S160	184	157.293	0.093	21.7	0.1053	0.0000	OK
360 minute winter	INFILTRATION BASIN 1 INLET	368	156.362	0.560	21.6	177.1165	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S52	1.000	S25	3.0	0.609	0.072	0.1424
360 minute winter	S25	1.001	S27	6.4	0.973	0.103	0.2638
360 minute winter	S27	1.002	S28	7.5	1.222	0.107	0.1562
360 minute winter	S28	1.003	S33	10.3	1.736	0.083	0.2020
360 minute winter	S33	1.004	S34	12.5	1.760	0.106	0.1253
360 minute winter	S34	1.005	S36	15.8	1.983	0.135	0.2451
360 minute winter	S36	1.006	S158	19.4	2.026	0.151	0.4391
360 minute winter	S42	2.000	S158	1.2	0.187	0.032	0.1271
360 minute winter	S158	1.007	S159	21.7	2.102	0.195	0.1133
360 minute winter	S159	1.008	S160	21.7	0.369	0.003	1.1086
360 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	21.6	1.146	0.208	0.9732
360 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 100 year +40% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S52	248	166.379	0.043	3.2	0.0482	0.0000	OK
480 minute summer	S25	248	166.125	0.050	6.8	0.0716	0.0000	OK
480 minute summer	S27	248	165.554	0.053	8.0	0.0605	0.0000	OK
480 minute summer	S28	248	165.085	0.045	11.0	0.0511	0.0000	OK
480 minute summer	S33	248	163.172	0.051	13.3	0.0579	0.0000	OK
480 minute summer	S34	248	162.278	0.058	16.9	0.0657	0.0000	OK
480 minute summer	S36	248	160.731	0.061	20.7	0.0688	0.0000	OK
480 minute summer	S42	248	158.028	0.028	1.3	0.0406	0.0000	OK
480 minute summer	S158	248	157.975	0.075	23.2	0.0846	0.0000	OK
480 minute summer	S159	248	157.469	0.069	23.2	0.0775	0.0000	OK
480 minute summer	S160	248	157.297	0.096	23.2	0.1091	0.0000	OK
480 minute summer	INFILTRATION BASIN 1 INLET	496	156.312	0.510	23.2	165.0176	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S52	1.000	S25	3.2	0.621	0.077	0.1494
480 minute summer	S25	1.001	S27	6.8	0.989	0.109	0.2764
480 minute summer	S27	1.002	S28	8.0	1.246	0.114	0.1640
480 minute summer	S28	1.003	S33	11.0	1.772	0.089	0.2121
480 minute summer	S33	1.004	S34	13.3	1.792	0.113	0.1315
480 minute summer	S34	1.005	S36	16.9	2.020	0.144	0.2567
480 minute summer	S36	1.006	S158	20.7	2.057	0.161	0.4608
480 minute summer	S42	2.000	S158	1.3	0.190	0.034	0.1338
480 minute summer	S158	1.007	S159	23.2	2.135	0.208	0.1192
480 minute summer	S159	1.008	S160	23.2	0.376	0.003	1.1636
480 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	23.2	1.168	0.222	0.9439
480 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 100 year +40% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S52	248	166.373	0.037	2.4	0.0418	0.0000	OK
480 minute winter	S25	248	166.118	0.043	5.1	0.0620	0.0000	OK
480 minute winter	S27	248	165.546	0.046	6.0	0.0522	0.0000	OK
480 minute winter	S28	248	165.079	0.039	8.2	0.0443	0.0000	OK
480 minute winter	S33	248	163.165	0.044	9.9	0.0497	0.0000	OK
480 minute winter	S34	248	162.270	0.050	12.6	0.0565	0.0000	OK
480 minute winter	S36	248	160.722	0.052	15.4	0.0593	0.0000	OK
480 minute winter	S42	232	158.024	0.024	0.9	0.0341	0.0000	OK
480 minute winter	S158	248	157.964	0.064	17.2	0.0719	0.0000	OK
480 minute winter	S159	248	157.458	0.058	17.2	0.0658	0.0000	OK
480 minute winter	S160	248	157.283	0.083	17.2	0.0935	0.0000	OK
480 minute winter	INFILTRATION BASIN 1 INLET	488	156.401	0.599	17.2	186.7569	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S52	1.000	S25	2.4	0.571	0.058	0.1218
480 minute winter	S25	1.001	S27	5.1	0.912	0.082	0.2249
480 minute winter	S27	1.002	S28	6.0	1.149	0.086	0.1333
480 minute winter	S28	1.003	S33	8.2	1.631	0.066	0.1717
480 minute winter	S33	1.004	S34	9.9	1.652	0.084	0.1061
480 minute winter	S34	1.005	S36	12.6	1.862	0.107	0.2076
480 minute winter	S36	1.006	S158	15.4	1.907	0.120	0.3699
480 minute winter	S42	2.000	S158	0.9	0.173	0.024	0.1060
480 minute winter	S158	1.007	S159	17.2	1.988	0.154	0.0949
480 minute winter	S159	1.008	S160	17.2	0.343	0.002	0.9447
480 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	17.2	1.059	0.165	0.9581
480 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 100 year +40% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S52	315	166.375	0.038	2.6	0.0435	0.0000	OK
600 minute summer	S25	315	166.120	0.045	5.5	0.0644	0.0000	OK
600 minute summer	S27	315	165.548	0.048	6.5	0.0544	0.0000	OK
600 minute summer	S28	315	165.081	0.041	8.9	0.0461	0.0000	OK
600 minute summer	S33	315	163.167	0.046	10.8	0.0520	0.0000	OK
600 minute summer	S34	315	162.272	0.052	13.7	0.0590	0.0000	OK
600 minute summer	S36	315	160.725	0.055	16.8	0.0619	0.0000	OK
600 minute summer	S42	315	158.025	0.025	1.0	0.0359	0.0000	OK
600 minute summer	S158	315	157.967	0.067	18.8	0.0754	0.0000	OK
600 minute summer	S159	315	157.461	0.061	18.8	0.0691	0.0000	OK
600 minute summer	S160	315	157.287	0.087	18.8	0.0979	0.0000	OK
600 minute summer	INFILTRATION BASIN 1 INLET	615	156.337	0.535	18.8	171.0826	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S52	1.000	S25	2.6	0.584	0.063	0.1289
600 minute summer	S25	1.001	S27	5.5	0.930	0.088	0.2377
600 minute summer	S27	1.002	S28	6.5	1.176	0.093	0.1413
600 minute summer	S28	1.003	S33	8.9	1.666	0.072	0.1825
600 minute summer	S33	1.004	S34	10.8	1.695	0.092	0.1129
600 minute summer	S34	1.005	S36	13.7	1.904	0.117	0.2208
600 minute summer	S36	1.006	S158	16.8	1.950	0.131	0.3946
600 minute summer	S42	2.000	S158	1.0	0.173	0.026	0.1135
600 minute summer	S158	1.007	S159	18.8	2.031	0.169	0.1016
600 minute summer	S159	1.008	S160	18.8	0.353	0.002	1.0043
600 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	18.8	1.104	0.180	0.9363
600 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 100 year +40% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S52	315	166.370	0.034	2.0	0.0382	0.0000	OK
600 minute winter	S25	315	166.115	0.039	4.2	0.0565	0.0000	OK
600 minute winter	S27	315	165.542	0.042	4.9	0.0472	0.0000	OK
600 minute winter	S28	315	165.076	0.035	6.7	0.0401	0.0000	OK
600 minute winter	S33	315	163.161	0.040	8.1	0.0451	0.0000	OK
600 minute winter	S34	315	162.265	0.045	10.3	0.0510	0.0000	OK
600 minute winter	S36	315	160.718	0.048	12.7	0.0538	0.0000	OK
600 minute winter	S42	300	158.023	0.023	0.8	0.0322	0.0000	OK
600 minute winter	S158	315	157.957	0.057	14.2	0.0650	0.0000	OK
600 minute winter	S159	315	157.452	0.052	14.2	0.0592	0.0000	OK
600 minute winter	S160	315	157.275	0.075	14.2	0.0849	0.0000	OK
600 minute winter	INFILTRATION BASIN 1 INLET	615	156.420	0.618	14.2	191.3960	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S52	1.000	S25	2.0	0.542	0.048	0.1070
600 minute winter	S25	1.001	S27	4.2	0.864	0.067	0.1954
600 minute winter	S27	1.002	S28	4.9	1.084	0.070	0.1155
600 minute winter	S28	1.003	S33	6.7	1.536	0.054	0.1489
600 minute winter	S33	1.004	S34	8.1	1.562	0.069	0.0918
600 minute winter	S34	1.005	S36	10.3	1.753	0.088	0.1802
600 minute winter	S36	1.006	S158	12.7	1.809	0.099	0.3216
600 minute winter	S42	2.000	S158	0.8	0.172	0.021	0.0931
600 minute winter	S158	1.007	S159	14.2	1.900	0.127	0.0820
600 minute winter	S159	1.008	S160	14.2	0.322	0.002	0.8299
600 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	14.2	0.981	0.136	0.9367
600 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 100 year +40% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S52	375	166.372	0.036	2.3	0.0409	0.0000	OK
720 minute summer	S25	375	166.118	0.043	4.9	0.0608	0.0000	OK
720 minute summer	S27	375	165.545	0.045	5.8	0.0514	0.0000	OK
720 minute summer	S28	375	165.078	0.038	7.9	0.0435	0.0000	OK
720 minute summer	S33	375	163.164	0.043	9.6	0.0490	0.0000	OK
720 minute summer	S34	375	162.269	0.049	12.2	0.0556	0.0000	OK
720 minute summer	S36	375	160.722	0.052	14.9	0.0583	0.0000	OK
720 minute summer	S42	375	158.024	0.024	0.9	0.0341	0.0000	OK
720 minute summer	S158	375	157.963	0.063	16.7	0.0708	0.0000	OK
720 minute summer	S159	375	157.457	0.057	16.7	0.0648	0.0000	OK
720 minute summer	S160	375	157.282	0.081	16.7	0.0921	0.0000	OK
720 minute summer	INFILTRATION BASIN 1 INLET	735	156.362	0.560	16.7	177.0350	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S52	1.000	S25	2.3	0.564	0.055	0.1181
720 minute summer	S25	1.001	S27	4.9	0.899	0.079	0.2192
720 minute summer	S27	1.002	S28	5.8	1.139	0.083	0.1301
720 minute summer	S28	1.003	S33	7.9	1.610	0.064	0.1677
720 minute summer	S33	1.004	S34	9.6	1.639	0.081	0.1037
720 minute summer	S34	1.005	S36	12.2	1.845	0.104	0.2028
720 minute summer	S36	1.006	S158	14.9	1.887	0.116	0.3616
720 minute summer	S42	2.000	S158	0.9	0.171	0.024	0.1042
720 minute summer	S158	1.007	S159	16.7	1.974	0.150	0.0928
720 minute summer	S159	1.008	S160	16.7	0.340	0.002	0.9259
720 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	16.7	1.011	0.160	0.9313
720 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 100 year +40% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S52	360	166.367	0.031	1.7	0.0353	0.0000	OK
720 minute winter	S25	360	166.112	0.037	3.6	0.0523	0.0000	OK
720 minute winter	S27	390	165.539	0.039	4.2	0.0438	0.0000	OK
720 minute winter	S28	375	165.073	0.033	5.8	0.0374	0.0000	OK
720 minute winter	S33	375	163.158	0.037	7.0	0.0420	0.0000	OK
720 minute winter	S34	375	162.262	0.042	8.9	0.0474	0.0000	OK
720 minute winter	S36	375	160.714	0.044	11.0	0.0501	0.0000	OK
720 minute winter	S42	360	158.021	0.021	0.7	0.0303	0.0000	OK
720 minute winter	S158	375	157.953	0.053	12.3	0.0603	0.0000	OK
720 minute winter	S159	375	157.448	0.048	12.3	0.0547	0.0000	OK
720 minute winter	S160	375	157.270	0.070	12.3	0.0790	0.0000	OK
720 minute winter	INFILTRATION BASIN 1 INLET	735	156.440	0.638	12.3	196.5609	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S52	1.000	S25	1.7	0.516	0.041	0.0954
720 minute winter	S25	1.001	S27	3.6	0.827	0.058	0.1752
720 minute winter	S27	1.002	S28	4.2	1.039	0.060	0.1038
720 minute winter	S28	1.003	S33	5.8	1.476	0.047	0.1345
720 minute winter	S33	1.004	S34	7.0	1.499	0.059	0.0828
720 minute winter	S34	1.005	S36	8.9	1.679	0.076	0.1626
720 minute winter	S36	1.006	S158	11.0	1.738	0.085	0.2899
720 minute winter	S42	2.000	S158	0.7	0.165	0.018	0.0840
720 minute winter	S158	1.007	S159	12.3	1.836	0.110	0.0735
720 minute winter	S159	1.008	S160	12.3	0.307	0.002	0.7540
720 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	12.3	0.954	0.118	0.9265
720 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 100 year +40% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S52	495	166.368	0.032	1.8	0.0363	0.0000	OK
960 minute summer	S25	495	166.113	0.038	3.9	0.0544	0.0000	OK
960 minute summer	S27	495	165.541	0.040	4.6	0.0458	0.0000	OK
960 minute summer	S28	495	165.074	0.034	6.3	0.0389	0.0000	OK
960 minute summer	S33	495	163.160	0.039	7.6	0.0437	0.0000	OK
960 minute summer	S34	495	162.264	0.044	9.7	0.0495	0.0000	OK
960 minute summer	S36	495	160.716	0.046	11.9	0.0521	0.0000	OK
960 minute summer	S42	480	158.021	0.021	0.7	0.0303	0.0000	OK
960 minute summer	S158	495	157.956	0.056	13.3	0.0628	0.0000	OK
960 minute summer	S159	495	157.451	0.050	13.3	0.0571	0.0000	OK
960 minute summer	S160	495	157.273	0.073	13.3	0.0822	0.0000	OK
960 minute summer	INFILTRATION BASIN 1 INLET	975	156.392	0.590	13.3	184.3842	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S52	1.000	S25	1.8	0.525	0.043	0.0994
960 minute summer	S25	1.001	S27	3.9	0.843	0.063	0.1861
960 minute summer	S27	1.002	S28	4.6	1.063	0.066	0.1104
960 minute summer	S28	1.003	S33	6.3	1.510	0.051	0.1425
960 minute summer	S33	1.004	S34	7.6	1.531	0.064	0.0879
960 minute summer	S34	1.005	S36	9.7	1.726	0.083	0.1725
960 minute summer	S36	1.006	S158	11.9	1.777	0.092	0.3067
960 minute summer	S42	2.000	S158	0.7	0.167	0.018	0.0879
960 minute summer	S158	1.007	S159	13.3	1.870	0.119	0.0780
960 minute summer	S159	1.008	S160	13.3	0.315	0.002	0.7944
960 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	13.3	0.928	0.128	0.9196
960 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 100 year +40% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S52	495	166.364	0.028	1.4	0.0322	0.0000	OK
960 minute winter	S25	495	166.108	0.033	2.9	0.0471	0.0000	OK
960 minute winter	S27	495	165.535	0.035	3.4	0.0394	0.0000	OK
960 minute winter	S28	495	165.070	0.030	4.7	0.0338	0.0000	OK
960 minute winter	S33	495	163.155	0.034	5.7	0.0380	0.0000	OK
960 minute winter	S34	495	162.258	0.038	7.2	0.0427	0.0000	OK
960 minute winter	S36	495	160.710	0.040	8.8	0.0450	0.0000	OK
960 minute winter	S42	435	158.018	0.018	0.5	0.0259	0.0000	OK
960 minute winter	S158	495	157.947	0.047	9.8	0.0537	0.0000	OK
960 minute winter	S159	495	157.443	0.043	9.8	0.0481	0.0000	OK
960 minute winter	S160	495	157.262	0.062	9.8	0.0705	0.0000	OK
960 minute winter	INFILTRATION BASIN 1 INLET	960	156.478	0.676	9.8	206.3091	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S52	1.000	S25	1.4	0.487	0.034	0.0833
960 minute winter	S25	1.001	S27	2.9	0.776	0.047	0.1503
960 minute winter	S27	1.002	S28	3.4	0.971	0.049	0.0893
960 minute winter	S28	1.003	S33	4.7	1.381	0.038	0.1162
960 minute winter	S33	1.004	S34	5.7	1.414	0.048	0.0714
960 minute winter	S34	1.005	S36	7.2	1.584	0.061	0.1395
960 minute winter	S36	1.006	S158	8.8	1.634	0.068	0.2466
960 minute winter	S42	2.000	S158	0.5	0.152	0.013	0.0702
960 minute winter	S158	1.007	S159	9.8	1.741	0.088	0.0618
960 minute winter	S159	1.008	S160	9.8	0.284	0.001	0.6496
960 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	9.8	0.879	0.094	0.9094
960 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 100 year +40% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S52	750	166.363	0.027	1.3	0.0310	0.0000	OK
1440 minute summer	S25	750	166.107	0.032	2.8	0.0463	0.0000	OK
1440 minute summer	S27	750	165.534	0.034	3.3	0.0389	0.0000	OK
1440 minute summer	S28	750	165.069	0.029	4.5	0.0331	0.0000	OK
1440 minute summer	S33	750	163.154	0.033	5.5	0.0373	0.0000	OK
1440 minute summer	S34	750	162.257	0.037	7.0	0.0421	0.0000	OK
1440 minute summer	S36	750	160.709	0.039	8.6	0.0445	0.0000	OK
1440 minute summer	S42	750	158.018	0.018	0.5	0.0259	0.0000	OK
1440 minute summer	S158	750	157.947	0.047	9.6	0.0531	0.0000	OK
1440 minute summer	S159	750	157.442	0.042	9.6	0.0476	0.0000	OK
1440 minute summer	S160	750	157.262	0.062	9.6	0.0698	0.0000	OK
1440 minute summer	INFILTRATION BASIN 1 INLET	1440	156.408	0.606	9.6	188.4925	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S52	1.000	S25	1.3	0.476	0.031	0.0791
1440 minute summer	S25	1.001	S27	2.8	0.766	0.045	0.1470
1440 minute summer	S27	1.002	S28	3.3	0.966	0.047	0.0872
1440 minute summer	S28	1.003	S33	4.5	1.360	0.036	0.1131
1440 minute summer	S33	1.004	S34	5.5	1.397	0.047	0.0698
1440 minute summer	S34	1.005	S36	7.0	1.568	0.060	0.1369
1440 minute summer	S36	1.006	S158	8.6	1.621	0.067	0.2429
1440 minute summer	S42	2.000	S158	0.5	0.145	0.013	0.0694
1440 minute summer	S158	1.007	S159	9.6	1.732	0.086	0.0609
1440 minute summer	S159	1.008	S160	9.6	0.282	0.001	0.6410
1440 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	9.6	0.813	0.092	0.8978
1440 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 100 year +40% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S52	720	166.360	0.024	1.0	0.0274	0.0000	OK
1440 minute winter	S25	720	166.103	0.028	2.1	0.0404	0.0000	OK
1440 minute winter	S27	720	165.530	0.030	2.5	0.0340	0.0000	OK
1440 minute winter	S28	720	165.066	0.026	3.4	0.0290	0.0000	OK
1440 minute winter	S33	720	163.150	0.029	4.1	0.0325	0.0000	OK
1440 minute winter	S34	780	162.252	0.032	5.2	0.0364	0.0000	OK
1440 minute winter	S36	750	160.704	0.034	6.4	0.0385	0.0000	OK
1440 minute winter	S42	690	158.016	0.016	0.4	0.0234	0.0000	OK
1440 minute winter	S158	750	157.941	0.041	7.2	0.0460	0.0000	OK
1440 minute winter	S159	750	157.436	0.036	7.2	0.0404	0.0000	OK
1440 minute winter	S160	750	157.254	0.054	7.2	0.0607	0.0000	OK
1440 minute winter	INFILTRATION BASIN 1 INLET	1410	156.521	0.719	7.2	217.7288	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S52	1.000	S25	1.0	0.440	0.024	0.0658
1440 minute winter	S25	1.001	S27	2.1	0.701	0.034	0.1206
1440 minute winter	S27	1.002	S28	2.5	0.890	0.036	0.0717
1440 minute winter	S28	1.003	S33	3.4	1.254	0.027	0.0925
1440 minute winter	S33	1.004	S34	4.1	1.282	0.035	0.0567
1440 minute winter	S34	1.005	S36	5.2	1.444	0.044	0.1110
1440 minute winter	S36	1.006	S158	6.4	1.484	0.050	0.1975
1440 minute winter	S42	2.000	S158	0.4	0.146	0.011	0.0571
1440 minute winter	S158	1.007	S159	7.2	1.618	0.065	0.0489
1440 minute winter	S159	1.008	S160	7.2	0.254	0.001	0.5338
1440 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	7.2	0.769	0.069	0.8903
1440 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 1000 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 98.88%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S52		10	166.460	0.124	23.3	0.1402	0.0000	OK
15 minute summer	S25		10	166.229	0.154	49.0	0.2208	0.0000	OK
15 minute summer	S27		11	165.670	0.170	57.2	0.1918	0.0000	OK
15 minute summer	S28		11	165.169	0.128	77.6	0.1453	0.0000	OK
15 minute summer	S33		12	163.699	0.578	94.0	0.6540	0.0000	SURCHARGED
15 minute summer	S34		12	163.128	0.908	115.6	1.0264	0.0000	SURCHARGED
15 minute summer	S36		12	161.719	1.049	128.1	1.1862	0.0000	SURCHARGED
15 minute summer	S42		12	158.752	0.752	10.4	1.0767	0.0000	SURCHARGED
15 minute summer	S158		12	158.745	0.845	138.6	0.9556	0.0000	SURCHARGED
15 minute summer	S159		15	157.650	0.250	138.9	0.2822	0.0000	OK
15 minute summer	S160		15	157.648	0.448	134.7	0.5071	0.0000	SURCHARGED
15 minute summer	INFILTRATION BASIN 1 INLET		32	155.855	0.053	112.2	73.0221	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S52		1.000	S25	22.8	1.055	0.549	0.6290
15 minute summer	S25		1.001	S27	48.5	1.594	0.779	1.2225
15 minute summer	S27		1.002	S28	57.1	2.047	0.816	0.7080
15 minute summer	S28		1.003	S33	77.9	2.830	0.628	1.0785
15 minute summer	S33		1.004	S34	89.4	2.654	0.758	0.7037
15 minute summer	S34		1.005	S36	102.1	3.045	0.869	1.2199
15 minute summer	S36		1.006	S158	124.0	3.118	0.963	1.8175
15 minute summer	S42		2.000	S158	22.3	0.560	0.585	0.7386
15 minute summer	S158		1.007	S159	138.9	3.534	1.245	0.4360
15 minute summer	S159		1.008	S160	134.7	0.553	0.017	10.6397
15 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	112.2	1.643	1.076	1.5210
15 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 1000 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 98.79%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S52		10	166.463	0.127	24.4	0.1441	0.0000	OK
15 minute winter	S25		10	166.235	0.160	51.3	0.2286	0.0000	OK
15 minute winter	S27		11	165.676	0.176	59.8	0.1991	0.0000	OK
15 minute winter	S28		11	165.173	0.133	81.0	0.1505	0.0000	OK
15 minute winter	S33		12	163.956	0.835	97.9	0.9440	0.0000	SURCHARGED
15 minute winter	S34		12	163.358	1.138	114.1	1.2873	0.0000	SURCHARGED
15 minute winter	S36		12	161.891	1.221	135.1	1.3812	0.0000	SURCHARGED
15 minute winter	S42		12	158.794	0.794	10.3	1.1367	0.0000	SURCHARGED
15 minute winter	S158		12	158.789	0.889	141.7	1.0053	0.0000	SURCHARGED
15 minute winter	S159		15	157.683	0.283	142.5	0.3199	0.0000	OK
15 minute winter	S160		15	157.681	0.481	137.9	0.5442	0.0000	SURCHARGED
15 minute winter	INFILTRATION BASIN 1 INLET		32	155.906	0.104	113.3	81.8544	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S52		1.000	S25	23.8	1.065	0.573	0.6499
15 minute winter	S25		1.001	S27	50.6	1.602	0.813	1.2684
15 minute winter	S27		1.002	S28	59.7	2.052	0.853	0.7365
15 minute winter	S28		1.003	S33	80.2	2.785	0.648	1.0960
15 minute winter	S33		1.004	S34	86.6	2.680	0.734	0.7037
15 minute winter	S34		1.005	S36	107.5	2.985	0.915	1.2199
15 minute winter	S36		1.006	S158	126.6	3.184	0.984	1.8175
15 minute winter	S42		2.000	S158	15.5	0.467	0.407	0.7386
15 minute winter	S158		1.007	S159	142.5	3.596	1.278	0.4360
15 minute winter	S159		1.008	S160	137.9	0.542	0.018	12.2973
15 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	113.3	1.644	1.086	1.5232
15 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.3			

Results for 1000 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.47%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S52		18	166.455	0.119	21.4	0.1341	0.0000	OK
30 minute summer	S25		18	166.221	0.146	45.4	0.2091	0.0000	OK
30 minute summer	S27		18	165.661	0.161	53.4	0.1816	0.0000	OK
30 minute summer	S28		18	165.164	0.124	73.0	0.1402	0.0000	OK
30 minute summer	S33		19	163.315	0.194	88.3	0.2197	0.0000	OK
30 minute summer	S34		19	162.850	0.630	109.5	0.7120	0.0000	SURCHARGED
30 minute summer	S36		19	161.503	0.833	131.1	0.9416	0.0000	SURCHARGED
30 minute summer	S42		19	158.689	0.689	12.5	0.9855	0.0000	SURCHARGED
30 minute summer	S158		19	158.684	0.783	134.8	0.8861	0.0000	SURCHARGED
30 minute summer	S159		22	157.643	0.243	134.8	0.2750	0.0000	OK
30 minute summer	S160		22	157.639	0.439	132.7	0.4970	0.0000	SURCHARGED
30 minute summer	INFILTRATION BASIN 1 INLET		46	155.990	0.188	111.9	96.9007	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S52		1.000	S25	21.4	1.038	0.515	0.5971
30 minute summer	S25		1.001	S27	45.4	1.575	0.729	1.1577
30 minute summer	S27		1.002	S28	53.2	2.018	0.760	0.6722
30 minute summer	S28		1.003	S33	72.8	2.827	0.587	0.9918
30 minute summer	S33		1.004	S34	85.5	2.699	0.725	0.6744
30 minute summer	S34		1.005	S36	105.5	3.016	0.898	1.2199
30 minute summer	S36		1.006	S158	123.4	3.105	0.959	1.8175
30 minute summer	S42		2.000	S158	13.0	0.501	0.342	0.7386
30 minute summer	S158		1.007	S159	134.8	3.485	1.208	0.4360
30 minute summer	S159		1.008	S160	132.7	0.531	0.017	10.2560
30 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	111.9	1.654	1.073	1.5202
30 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.4			

Results for 1000 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event			US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S52			18	166.447	0.111	19.3	0.1259	0.0000	OK
30 minute winter	S25			18	166.211	0.136	41.0	0.1947	0.0000	OK
30 minute winter	S27			18	165.649	0.149	48.2	0.1684	0.0000	OK
30 minute winter	S28			18	165.156	0.116	66.0	0.1314	0.0000	OK
30 minute winter	S33			18	163.266	0.145	79.9	0.1638	0.0000	OK
30 minute winter	S34			19	162.397	0.177	101.3	0.2003	0.0000	OK
30 minute winter	S36			20	161.226	0.556	125.6	0.6287	0.0000	SURCHARGED
30 minute winter	S42			18	158.624	0.623	7.7	0.8922	0.0000	SURCHARGED
30 minute winter	S158			20	158.604	0.704	129.8	0.7963	0.0000	SURCHARGED
30 minute winter	S159			22	157.630	0.230	130.2	0.2604	0.0000	OK
30 minute winter	S160			22	157.628	0.428	128.3	0.4836	0.0000	SURCHARGED
30 minute winter	INFILTRATION BASIN 1 INLET			45	156.047	0.245	111.5	107.9652	0.0000	OK
Link Event			US Node	Link		DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S52			1.000	S25		19.3	1.013	0.464	0.5520
30 minute winter	S25			1.001	S27		41.0	1.547	0.658	1.0647
30 minute winter	S27			1.002	S28		48.1	1.978	0.687	0.6190
30 minute winter	S28			1.003	S33		65.9	2.773	0.532	0.8136
30 minute winter	S33			1.004	S34		79.6	2.744	0.675	0.5282
30 minute winter	S34			1.005	S36		102.4	3.029	0.872	1.1241
30 minute winter	S36			1.006	S158		118.1	3.018	0.917	1.8175
30 minute winter	S42			2.000	S158		17.2	0.432	0.452	0.7386
30 minute winter	S158			1.007	S159		130.2	3.362	1.167	0.4360
30 minute winter	S159			1.008	S160		128.3	0.520	0.017	9.6829
30 minute winter	S160			1.009	INFILTRATION BASIN 1 INLET		111.5	1.645	1.069	1.5193
30 minute winter	INFILTRATION BASIN 1 INLET			Infiltration			0.4			

Results for 1000 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S52		33	166.436	0.100	16.2	0.1136	0.0000	OK
60 minute summer	S25		33	166.196	0.121	34.4	0.1736	0.0000	OK
60 minute summer	S27		33	165.632	0.132	40.5	0.1496	0.0000	OK
60 minute summer	S28		33	165.145	0.105	55.4	0.1185	0.0000	OK
60 minute summer	S33		33	163.249	0.128	67.1	0.1444	0.0000	OK
60 minute summer	S34		33	162.369	0.149	85.2	0.1682	0.0000	OK
60 minute summer	S36		33	160.823	0.153	104.6	0.1726	0.0000	OK
60 minute summer	S42		34	158.392	0.392	6.5	0.5613	0.0000	SURCHARGED
60 minute summer	S158		34	158.388	0.487	116.1	0.5514	0.0000	SURCHARGED
60 minute summer	S159		34	157.556	0.156	114.1	0.1767	0.0000	OK
60 minute summer	S160		36	157.487	0.287	113.8	0.3247	0.0000	OK
60 minute summer	INFILTRATION BASIN 1 INLET		75	156.119	0.317	108.0	122.3707	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S52		1.000	S25	16.2	0.969	0.390	0.4839
60 minute summer	S25		1.001	S27	34.4	1.493	0.552	0.9259
60 minute summer	S27		1.002	S28	40.4	1.907	0.577	0.5402
60 minute summer	S28		1.003	S33	55.3	2.676	0.447	0.7058
60 minute summer	S33		1.004	S34	67.0	2.622	0.568	0.4519
60 minute summer	S34		1.005	S36	85.1	3.013	0.724	0.8664
60 minute summer	S36		1.006	S158	104.4	2.795	0.811	1.5636
60 minute summer	S42		2.000	S158	9.6	0.291	0.252	0.7386
60 minute summer	S158		1.007	S159	114.1	3.033	1.022	0.3794
60 minute summer	S159		1.008	S160	113.8	0.511	0.015	4.9942
60 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	108.0	1.652	1.036	1.4997
60 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.4			

Results for 1000 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S52		33	166.425	0.089	13.1	0.1006	0.0000	OK
60 minute winter	S25		33	166.182	0.107	27.9	0.1527	0.0000	OK
60 minute winter	S27		33	165.616	0.116	32.8	0.1310	0.0000	OK
60 minute winter	S28		33	165.133	0.093	44.9	0.1053	0.0000	OK
60 minute winter	S33		33	163.233	0.112	54.3	0.1261	0.0000	OK
60 minute winter	S34		33	162.349	0.129	69.1	0.1456	0.0000	OK
60 minute winter	S36		33	160.802	0.132	84.8	0.1497	0.0000	OK
60 minute winter	S42		34	158.101	0.101	5.2	0.1445	0.0000	OK
60 minute winter	S158		34	158.099	0.199	94.6	0.2252	0.0000	OK
60 minute winter	S159		34	157.543	0.143	94.5	0.1612	0.0000	OK
60 minute winter	S160		35	157.430	0.230	94.5	0.2596	0.0000	OK
60 minute winter	INFILTRATION BASIN 1 INLET		74	156.189	0.387	94.0	137.1199	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S52		1.000	S25	13.1	0.918	0.315	0.4133
60 minute winter	S25		1.001	S27	27.9	1.426	0.448	0.7864
60 minute winter	S27		1.002	S28	32.8	1.817	0.468	0.4603
60 minute winter	S28		1.003	S33	44.8	2.555	0.362	0.5995
60 minute winter	S33		1.004	S34	54.3	2.521	0.461	0.3812
60 minute winter	S34		1.005	S36	69.1	2.894	0.588	0.7322
60 minute winter	S36		1.006	S158	84.7	2.725	0.658	1.4035
60 minute winter	S42		2.000	S158	5.3	0.237	0.141	0.5056
60 minute winter	S158		1.007	S159	94.5	2.920	0.847	0.3492
60 minute winter	S159		1.008	S160	94.5	0.496	0.012	3.7781
60 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	94.0	1.646	0.901	1.2883
60 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.4			

Results for 1000 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S52	64	166.415	0.079	10.6	0.0896	0.0000	OK
120 minute summer	S25	64	166.169	0.094	22.5	0.1348	0.0000	OK
120 minute summer	S27	64	165.602	0.102	26.5	0.1154	0.0000	OK
120 minute summer	S28	64	165.123	0.083	36.3	0.0939	0.0000	OK
120 minute summer	S33	64	163.219	0.098	44.0	0.1110	0.0000	OK
120 minute summer	S34	64	162.333	0.113	55.9	0.1273	0.0000	OK
120 minute summer	S36	64	160.786	0.116	68.6	0.1314	0.0000	OK
120 minute summer	S42	64	158.063	0.063	4.2	0.0904	0.0000	OK
120 minute summer	S158	64	158.062	0.162	76.8	0.1830	0.0000	OK
120 minute summer	S159	64	157.528	0.128	76.7	0.1451	0.0000	OK
120 minute summer	S160	64	157.394	0.194	76.6	0.2194	0.0000	OK
120 minute summer	INFILTRATION BASIN 1 INLET	134	156.244	0.441	75.7	149.2581	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S52	1.000	S25	10.6	0.868	0.255	0.3538
120 minute summer	S25	1.001	S27	22.5	1.355	0.361	0.6678
120 minute summer	S27	1.002	S28	26.5	1.724	0.379	0.3924
120 minute summer	S28	1.003	S33	36.3	2.429	0.293	0.5106
120 minute summer	S33	1.004	S34	44.0	2.413	0.373	0.3227
120 minute summer	S34	1.005	S36	55.9	2.760	0.476	0.6212
120 minute summer	S36	1.006	S158	68.6	2.667	0.533	1.1704
120 minute summer	S42	2.000	S158	4.2	0.236	0.110	0.3685
120 minute summer	S158	1.007	S159	76.7	2.836	0.687	0.2957
120 minute summer	S159	1.008	S160	76.6	0.487	0.010	3.0213
120 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	75.7	1.590	0.726	1.0753
120 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.4			

Results for 1000 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.83%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S52		64	166.405	0.069	8.2	0.0781	0.0000	OK
120 minute winter	S25		64	166.157	0.082	17.4	0.1168	0.0000	OK
120 minute winter	S27		64	165.588	0.088	20.5	0.0997	0.0000	OK
120 minute winter	S28		64	165.113	0.073	28.1	0.0821	0.0000	OK
120 minute winter	S33		64	163.206	0.085	34.0	0.0957	0.0000	OK
120 minute winter	S34		64	162.317	0.097	43.2	0.1093	0.0000	OK
120 minute winter	S36		64	160.770	0.100	53.0	0.1132	0.0000	OK
120 minute winter	S42		64	158.045	0.045	3.3	0.0637	0.0000	OK
120 minute winter	S158		64	158.033	0.133	59.4	0.1507	0.0000	OK
120 minute winter	S159		64	157.513	0.113	59.4	0.1274	0.0000	OK
120 minute winter	S160		64	157.365	0.165	59.4	0.1866	0.0000	OK
120 minute winter	INFILTRATION BASIN 1 INLET		132	156.322	0.520	59.2	167.3910	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S52		1.000	S25	8.2	0.810	0.197	0.2934
120 minute winter	S25		1.001	S27	17.4	1.271	0.279	0.5505
120 minute winter	S27		1.002	S28	20.5	1.613	0.293	0.3245
120 minute winter	S28		1.003	S33	28.1	2.280	0.227	0.4212
120 minute winter	S33		1.004	S34	34.0	2.275	0.288	0.2645
120 minute winter	S34		1.005	S36	43.2	2.593	0.368	0.5110
120 minute winter	S36		1.006	S158	53.0	2.551	0.412	0.9488
120 minute winter	S42		2.000	S158	3.3	0.227	0.087	0.2788
120 minute winter	S158		1.007	S159	59.4	2.677	0.532	0.2431
120 minute winter	S159		1.008	S160	59.4	0.467	0.008	2.4147
120 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	59.2	1.507	0.568	1.1491
120 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.5			

Results for 1000 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S52		96	166.404	0.068	7.9	0.0765	0.0000	OK
180 minute summer	S25		96	166.155	0.080	16.7	0.1143	0.0000	OK
180 minute summer	S27		96	165.586	0.086	19.6	0.0972	0.0000	OK
180 minute summer	S28		96	165.111	0.071	26.9	0.0802	0.0000	OK
180 minute summer	S33		96	163.204	0.083	32.6	0.0934	0.0000	OK
180 minute summer	S34		96	162.314	0.094	41.4	0.1066	0.0000	OK
180 minute summer	S36		96	160.768	0.098	50.8	0.1105	0.0000	OK
180 minute summer	S42		96	158.043	0.043	3.1	0.0618	0.0000	OK
180 minute summer	S158		96	158.029	0.129	56.8	0.1461	0.0000	OK
180 minute summer	S159		96	157.510	0.110	56.8	0.1245	0.0000	OK
180 minute summer	S160		96	157.361	0.161	56.8	0.1818	0.0000	OK
180 minute summer	INFILTRATION BASIN 1 INLET		196	156.310	0.508	56.8	164.6980	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S52		1.000	S25	7.9	0.802	0.190	0.2855
180 minute summer	S25		1.001	S27	16.7	1.259	0.268	0.5332
180 minute summer	S27		1.002	S28	19.6	1.594	0.280	0.3140
180 minute summer	S28		1.003	S33	26.9	2.252	0.217	0.4081
180 minute summer	S33		1.004	S34	32.6	2.253	0.276	0.2562
180 minute summer	S34		1.005	S36	41.4	2.565	0.352	0.4950
180 minute summer	S36		1.006	S158	50.8	2.534	0.395	0.9163
180 minute summer	S42		2.000	S158	3.1	0.225	0.082	0.2682
180 minute summer	S158		1.007	S159	56.8	2.649	0.509	0.2351
180 minute summer	S159		1.008	S160	56.8	0.464	0.007	2.3287
180 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	56.8	1.492	0.544	1.0793
180 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.5			

Results for 1000 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.79%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S52		96	166.395	0.059	6.1	0.0669	0.0000	OK
180 minute winter	S25		96	166.145	0.070	12.9	0.0995	0.0000	OK
180 minute winter	S27		96	165.575	0.075	15.2	0.0846	0.0000	OK
180 minute winter	S28		96	165.102	0.062	20.8	0.0703	0.0000	OK
180 minute winter	S33		96	163.193	0.072	25.2	0.0811	0.0000	OK
180 minute winter	S34		96	162.302	0.082	32.0	0.0922	0.0000	OK
180 minute winter	S36		96	160.755	0.085	39.3	0.0960	0.0000	OK
180 minute winter	S42		96	158.038	0.038	2.4	0.0545	0.0000	OK
180 minute winter	S158		96	158.009	0.109	44.0	0.1235	0.0000	OK
180 minute winter	S159		96	157.496	0.096	44.0	0.1091	0.0000	OK
180 minute winter	S160		92	157.337	0.137	44.0	0.1544	0.0000	OK
180 minute winter	INFILTRATION BASIN 1 INLET		192	156.396	0.594	44.0	185.5225	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S52		1.000	S25	6.1	0.746	0.147	0.2369
180 minute winter	S25		1.001	S27	12.9	1.176	0.207	0.4412
180 minute winter	S27		1.002	S28	15.2	1.491	0.217	0.2606
180 minute winter	S28		1.003	S33	20.8	2.107	0.168	0.3375
180 minute winter	S33		1.004	S34	25.2	2.116	0.214	0.2109
180 minute winter	S34		1.005	S36	32.0	2.400	0.272	0.4090
180 minute winter	S36		1.006	S158	39.3	2.400	0.305	0.7491
180 minute winter	S42		2.000	S158	2.4	0.214	0.063	0.2184
180 minute winter	S158		1.007	S159	44.0	2.491	0.394	0.1937
180 minute winter	S159		1.008	S160	44.0	0.445	0.006	1.8698
180 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	44.0	1.394	0.422	1.1073
180 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.5			

Results for 1000 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S52	124	166.397	0.061	6.6	0.0694	0.0000	OK
240 minute summer	S25	124	166.147	0.072	13.9	0.1036	0.0000	OK
240 minute summer	S27	124	165.578	0.078	16.4	0.0879	0.0000	OK
240 minute summer	S28	124	165.104	0.064	22.4	0.0729	0.0000	OK
240 minute summer	S33	124	163.196	0.075	27.1	0.0843	0.0000	OK
240 minute summer	S34	124	162.305	0.085	34.4	0.0960	0.0000	OK
240 minute summer	S36	124	160.758	0.088	42.3	0.0997	0.0000	OK
240 minute summer	S42	124	158.040	0.040	2.6	0.0566	0.0000	OK
240 minute summer	S158	124	158.014	0.114	47.2	0.1290	0.0000	OK
240 minute summer	S159	124	157.500	0.100	47.0	0.1127	0.0000	OK
240 minute summer	S160	124	157.343	0.142	46.8	0.1611	0.0000	OK
240 minute summer	INFILTRATION BASIN 1 INLET	256	156.354	0.552	46.4	175.2190	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S52	1.000	S25	6.5	0.760	0.158	0.2493
240 minute summer	S25	1.001	S27	13.9	1.199	0.223	0.4657
240 minute summer	S27	1.002	S28	16.3	1.517	0.233	0.2743
240 minute summer	S28	1.003	S33	22.3	2.146	0.180	0.3556
240 minute summer	S33	1.004	S34	27.0	2.151	0.229	0.2226
240 minute summer	S34	1.005	S36	34.4	2.445	0.293	0.4311
240 minute summer	S36	1.006	S158	42.1	2.439	0.327	0.7905
240 minute summer	S42	2.000	S158	2.6	0.219	0.068	0.2308
240 minute summer	S158	1.007	S159	47.0	2.533	0.422	0.2036
240 minute summer	S159	1.008	S160	46.8	0.448	0.006	1.9779
240 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	46.4	1.420	0.445	1.0641
240 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 1000 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.77%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S52		124	166.389	0.053	4.9	0.0597	0.0000	OK
240 minute winter	S25		124	166.137	0.062	10.4	0.0889	0.0000	OK
240 minute winter	S27		124	165.566	0.066	12.2	0.0751	0.0000	OK
240 minute winter	S28		124	165.096	0.056	16.7	0.0628	0.0000	OK
240 minute winter	S33		124	163.185	0.064	20.2	0.0720	0.0000	OK
240 minute winter	S34		124	162.292	0.072	25.7	0.0819	0.0000	OK
240 minute winter	S36		124	160.746	0.076	31.6	0.0855	0.0000	OK
240 minute winter	S42		124	158.035	0.035	2.0	0.0498	0.0000	OK
240 minute winter	S158		124	157.995	0.095	35.4	0.1079	0.0000	OK
240 minute winter	S159		124	157.486	0.086	35.3	0.0971	0.0000	OK
240 minute winter	S160		124	157.321	0.121	35.3	0.1363	0.0000	OK
240 minute winter	INFILTRATION BASIN 1 INLET		252	156.443	0.641	35.2	197.1564	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S52		1.000	S25	4.9	0.701	0.118	0.2020
240 minute winter	S25		1.001	S27	10.4	1.111	0.167	0.3753
240 minute winter	S27		1.002	S28	12.2	1.401	0.174	0.2215
240 minute winter	S28		1.003	S33	16.6	1.982	0.134	0.2870
240 minute winter	S33		1.004	S34	20.2	2.001	0.172	0.1791
240 minute winter	S34		1.005	S36	25.7	2.264	0.219	0.3485
240 minute winter	S36		1.006	S158	31.6	2.284	0.245	0.6332
240 minute winter	S42		2.000	S158	2.0	0.209	0.052	0.1847
240 minute winter	S158		1.007	S159	35.3	2.363	0.317	0.1640
240 minute winter	S159		1.008	S160	35.3	0.422	0.005	1.5777
240 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	35.2	1.301	0.338	1.0792
240 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.5			

Results for 1000 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.78%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S52		184	166.389	0.053	4.9	0.0595	0.0000	OK
360 minute summer	S25		184	166.137	0.062	10.4	0.0887	0.0000	OK
360 minute summer	S27		184	165.566	0.066	12.1	0.0748	0.0000	OK
360 minute summer	S28		184	165.095	0.055	16.5	0.0625	0.0000	OK
360 minute summer	S33		184	163.184	0.063	20.1	0.0717	0.0000	OK
360 minute summer	S34		184	162.292	0.072	25.5	0.0815	0.0000	OK
360 minute summer	S36		184	160.745	0.075	31.4	0.0851	0.0000	OK
360 minute summer	S42		184	158.035	0.035	2.0	0.0497	0.0000	OK
360 minute summer	S158		184	157.995	0.095	35.0	0.1072	0.0000	OK
360 minute summer	S159		184	157.485	0.085	34.9	0.0963	0.0000	OK
360 minute summer	S160		184	157.319	0.119	34.8	0.1347	0.0000	OK
360 minute summer	INFILTRATION BASIN 1 INLET		376	156.410	0.608	34.5	189.0081	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S52		1.000	S25	4.9	0.699	0.117	0.2011
360 minute summer	S25		1.001	S27	10.3	1.110	0.166	0.3735
360 minute summer	S27		1.002	S28	12.0	1.397	0.172	0.2201
360 minute summer	S28		1.003	S33	16.5	1.977	0.133	0.2851
360 minute summer	S33		1.004	S34	20.0	1.994	0.170	0.1779
360 minute summer	S34		1.005	S36	25.5	2.257	0.217	0.3461
360 minute summer	S36		1.006	S158	31.3	2.280	0.243	0.6280
360 minute summer	S42		2.000	S158	2.0	0.210	0.052	0.1833
360 minute summer	S158		1.007	S159	34.9	2.357	0.313	0.1624
360 minute summer	S159		1.008	S160	34.8	0.422	0.004	1.5551
360 minute summer	S160		1.009	INFILTRATION BASIN 1 INLET	34.5	1.260	0.331	1.0378
360 minute summer	INFILTRATION BASIN 1 INLET		Infiltration		0.5			

Results for 1000 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.74%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S52		184	166.381	0.045	3.6	0.0511	0.0000	OK
360 minute winter	S25		184	166.128	0.053	7.6	0.0757	0.0000	OK
360 minute winter	S27		184	165.556	0.056	8.9	0.0638	0.0000	OK
360 minute winter	S28		184	165.088	0.047	12.2	0.0537	0.0000	OK
360 minute winter	S33		184	163.175	0.054	14.8	0.0611	0.0000	OK
360 minute winter	S34		184	162.281	0.061	18.8	0.0693	0.0000	OK
360 minute winter	S36		184	160.734	0.064	23.0	0.0726	0.0000	OK
360 minute winter	S42		184	158.029	0.029	1.4	0.0420	0.0000	OK
360 minute winter	S158		184	157.979	0.079	25.7	0.0896	0.0000	OK
360 minute winter	S159		184	157.473	0.072	25.7	0.0819	0.0000	OK
360 minute winter	S160		184	157.302	0.102	25.7	0.1150	0.0000	OK
360 minute winter	INFILTRATION BASIN 1 INLET		368	156.497	0.695	25.7	211.3264	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S52		1.000	S25	3.6	0.642	0.086	0.1621
360 minute winter	S25		1.001	S27	7.6	1.021	0.122	0.2988
360 minute winter	S27		1.002	S28	8.9	1.284	0.127	0.1766
360 minute winter	S28		1.003	S33	12.2	1.820	0.098	0.2285
360 minute winter	S33		1.004	S34	14.8	1.842	0.125	0.1419
360 minute winter	S34		1.005	S36	18.7	2.077	0.160	0.2768
360 minute winter	S36		1.006	S158	23.0	2.118	0.179	0.4980
360 minute winter	S42		2.000	S158	1.4	0.192	0.037	0.1440
360 minute winter	S158		1.007	S159	25.7	2.189	0.230	0.1289
360 minute winter	S159		1.008	S160	25.7	0.388	0.003	1.2503
360 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	25.7	1.180	0.246	1.0212
360 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.5			

Results for 1000 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S52	248	166.382	0.046	3.8	0.0525	0.0000	OK
480 minute summer	S25	248	166.130	0.055	8.1	0.0783	0.0000	OK
480 minute summer	S27	248	165.558	0.058	9.5	0.0661	0.0000	OK
480 minute summer	S28	248	165.089	0.049	13.0	0.0555	0.0000	OK
480 minute summer	S33	248	163.177	0.056	15.7	0.0630	0.0000	OK
480 minute summer	S34	248	162.283	0.063	20.0	0.0717	0.0000	OK
480 minute summer	S36	248	160.736	0.066	24.5	0.0749	0.0000	OK
480 minute summer	S42	248	158.030	0.030	1.5	0.0435	0.0000	OK
480 minute summer	S158	248	157.982	0.082	27.4	0.0929	0.0000	OK
480 minute summer	S159	248	157.475	0.075	27.4	0.0848	0.0000	OK
480 minute summer	S160	248	157.305	0.105	27.4	0.1191	0.0000	OK
480 minute summer	INFILTRATION BASIN 1 INLET	496	156.439	0.637	27.4	196.2941	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S52	1.000	S25	3.8	0.653	0.091	0.1687
480 minute summer	S25	1.001	S27	8.1	1.038	0.130	0.3136
480 minute summer	S27	1.002	S28	9.5	1.310	0.136	0.1854
480 minute summer	S28	1.003	S33	13.0	1.857	0.105	0.2392
480 minute summer	S33	1.004	S34	15.7	1.871	0.133	0.1486
480 minute summer	S34	1.005	S36	20.0	2.117	0.170	0.2899
480 minute summer	S36	1.006	S158	24.5	2.150	0.190	0.5221
480 minute summer	S42	2.000	S158	1.5	0.194	0.039	0.1513
480 minute summer	S158	1.007	S159	27.4	2.222	0.246	0.1353
480 minute summer	S159	1.008	S160	27.4	0.395	0.004	1.3103
480 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	27.4	1.175	0.263	1.0028
480 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 1000 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.72%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S52		248	166.376	0.040	2.8	0.0451	0.0000	OK
480 minute winter	S25		248	166.122	0.047	6.0	0.0672	0.0000	OK
480 minute winter	S27		248	165.550	0.050	7.1	0.0569	0.0000	OK
480 minute winter	S28		248	165.083	0.042	9.7	0.0480	0.0000	OK
480 minute winter	S33		248	163.169	0.048	11.7	0.0541	0.0000	OK
480 minute winter	S34		248	162.274	0.054	14.9	0.0616	0.0000	OK
480 minute winter	S36		248	160.727	0.057	18.3	0.0646	0.0000	OK
480 minute winter	S42		232	158.026	0.026	1.1	0.0375	0.0000	OK
480 minute winter	S158		248	157.970	0.070	20.5	0.0790	0.0000	OK
480 minute winter	S159		248	157.464	0.064	20.5	0.0725	0.0000	OK
480 minute winter	S160		248	157.291	0.090	20.5	0.1023	0.0000	OK
480 minute winter	INFILTRATION BASIN 1 INLET		488	156.541	0.739	20.5	223.0317	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S52		1.000	S25	2.8	0.597	0.067	0.1359
480 minute winter	S25		1.001	S27	6.0	0.953	0.096	0.2531
480 minute winter	S27		1.002	S28	7.1	1.207	0.101	0.1503
480 minute winter	S28		1.003	S33	9.7	1.713	0.078	0.1936
480 minute winter	S33		1.004	S34	11.7	1.730	0.099	0.1198
480 minute winter	S34		1.005	S36	14.9	1.948	0.127	0.2346
480 minute winter	S36		1.006	S158	18.3	1.993	0.142	0.4205
480 minute winter	S42		2.000	S158	1.1	0.184	0.029	0.1212
480 minute winter	S158		1.007	S159	20.5	2.072	0.184	0.1085
480 minute winter	S159		1.008	S160	20.5	0.362	0.003	1.0666
480 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	20.5	1.084	0.197	0.9929
480 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.5			

Results for 1000 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S52	315	166.377	0.041	3.0	0.0467	0.0000	OK
600 minute summer	S25	315	166.124	0.049	6.4	0.0695	0.0000	OK
600 minute summer	S27	315	165.552	0.052	7.5	0.0585	0.0000	OK
600 minute summer	S28	315	165.084	0.044	10.3	0.0495	0.0000	OK
600 minute summer	S33	315	163.171	0.050	12.5	0.0560	0.0000	OK
600 minute summer	S34	315	162.276	0.056	15.9	0.0636	0.0000	OK
600 minute summer	S36	315	160.729	0.059	19.6	0.0669	0.0000	OK
600 minute summer	S42	315	158.027	0.027	1.2	0.0391	0.0000	OK
600 minute summer	S158	315	157.973	0.072	21.9	0.0820	0.0000	OK
600 minute summer	S159	315	157.466	0.066	21.9	0.0752	0.0000	OK
600 minute summer	S160	315	157.294	0.094	21.9	0.1059	0.0000	OK
600 minute summer	INFILTRATION BASIN 1 INLET	615	156.459	0.657	21.9	201.4539	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S52	1.000	S25	3.0	0.609	0.072	0.1427
600 minute summer	S25	1.001	S27	6.4	0.974	0.103	0.2643
600 minute summer	S27	1.002	S28	7.5	1.224	0.107	0.1566
600 minute summer	S28	1.003	S33	10.3	1.737	0.083	0.2026
600 minute summer	S33	1.004	S34	12.5	1.762	0.106	0.1256
600 minute summer	S34	1.005	S36	15.9	1.982	0.135	0.2461
600 minute summer	S36	1.006	S158	19.6	2.031	0.152	0.4420
600 minute summer	S42	2.000	S158	1.2	0.184	0.032	0.1278
600 minute summer	S158	1.007	S159	21.9	2.106	0.196	0.1141
600 minute summer	S159	1.008	S160	21.9	0.370	0.003	1.1172
600 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	21.9	1.087	0.210	0.9818
600 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 1000 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.71%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S52		315	166.372	0.036	2.3	0.0409	0.0000	OK
600 minute winter	S25		315	166.118	0.043	4.9	0.0608	0.0000	OK
600 minute winter	S27		315	165.545	0.045	5.8	0.0513	0.0000	OK
600 minute winter	S28		315	165.079	0.039	8.0	0.0437	0.0000	OK
600 minute winter	S33		315	163.165	0.044	9.7	0.0493	0.0000	OK
600 minute winter	S34		315	162.269	0.049	12.3	0.0558	0.0000	OK
600 minute winter	S36		315	160.722	0.052	15.1	0.0587	0.0000	OK
600 minute winter	S42		300	158.024	0.024	0.9	0.0341	0.0000	OK
600 minute winter	S158		315	157.963	0.063	16.9	0.0712	0.0000	OK
600 minute winter	S159		315	157.458	0.058	16.9	0.0652	0.0000	OK
600 minute winter	S160		315	157.282	0.082	16.9	0.0927	0.0000	OK
600 minute winter	INFILTRATION BASIN 1 INLET		615	156.565	0.763	16.9	229.5828	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S52		1.000	S25	2.3	0.564	0.055	0.1181
600 minute winter	S25		1.001	S27	4.9	0.900	0.079	0.2190
600 minute winter	S27		1.002	S28	5.8	1.136	0.083	0.1305
600 minute winter	S28		1.003	S33	8.0	1.617	0.065	0.1691
600 minute winter	S33		1.004	S34	9.7	1.645	0.082	0.1044
600 minute winter	S34		1.005	S36	12.3	1.847	0.105	0.2043
600 minute winter	S36		1.006	S158	15.1	1.895	0.117	0.3649
600 minute winter	S42		2.000	S158	0.9	0.173	0.024	0.1049
600 minute winter	S158		1.007	S159	16.9	1.980	0.151	0.0937
600 minute winter	S159		1.008	S160	16.9	0.341	0.002	0.9334
600 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	16.9	0.998	0.162	0.9705
600 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.5			

Results for 1000 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S52	375	166.375	0.039	2.7	0.0443	0.0000	OK
720 minute summer	S25	375	166.121	0.046	5.7	0.0655	0.0000	OK
720 minute summer	S27	375	165.549	0.049	6.7	0.0552	0.0000	OK
720 minute summer	S28	375	165.081	0.041	9.2	0.0468	0.0000	OK
720 minute summer	S33	375	163.168	0.047	11.1	0.0527	0.0000	OK
720 minute summer	S34	375	162.273	0.053	14.1	0.0598	0.0000	OK
720 minute summer	S36	375	160.726	0.056	17.3	0.0628	0.0000	OK
720 minute summer	S42	375	158.026	0.026	1.1	0.0375	0.0000	OK
720 minute summer	S158	375	157.968	0.068	19.4	0.0767	0.0000	OK
720 minute summer	S159	375	157.462	0.062	19.4	0.0703	0.0000	OK
720 minute summer	S160	375	157.288	0.088	19.4	0.0995	0.0000	OK
720 minute summer	INFILTRATION BASIN 1 INLET	735	156.478	0.676	19.4	206.2836	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S52	1.000	S25	2.7	0.591	0.065	0.1324
720 minute summer	S25	1.001	S27	5.7	0.942	0.092	0.2433
720 minute summer	S27	1.002	S28	6.7	1.185	0.096	0.1444
720 minute summer	S28	1.003	S33	9.2	1.687	0.074	0.1865
720 minute summer	S33	1.004	S34	11.1	1.707	0.094	0.1152
720 minute summer	S34	1.005	S36	14.1	1.919	0.120	0.2254
720 minute summer	S36	1.006	S158	17.3	1.963	0.134	0.4036
720 minute summer	S42	2.000	S158	1.1	0.184	0.029	0.1173
720 minute summer	S158	1.007	S159	19.4	2.046	0.174	0.1040
720 minute summer	S159	1.008	S160	19.4	0.356	0.003	1.0264
720 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	19.4	1.000	0.186	0.9681
720 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 1000 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.71%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S52		375	166.370	0.034	2.0	0.0382	0.0000	OK
720 minute winter	S25		375	166.115	0.040	4.3	0.0571	0.0000	OK
720 minute winter	S27		375	165.543	0.043	5.1	0.0482	0.0000	OK
720 minute winter	S28		375	165.076	0.036	7.0	0.0410	0.0000	OK
720 minute winter	S33		375	163.162	0.041	8.5	0.0462	0.0000	OK
720 minute winter	S34		375	162.266	0.046	10.8	0.0523	0.0000	OK
720 minute winter	S36		375	160.719	0.049	13.2	0.0549	0.0000	OK
720 minute winter	S42		360	158.023	0.023	0.8	0.0322	0.0000	OK
720 minute winter	S158		375	157.959	0.059	14.8	0.0664	0.0000	OK
720 minute winter	S159		375	157.454	0.054	14.8	0.0606	0.0000	OK
720 minute winter	S160		375	157.277	0.077	14.8	0.0867	0.0000	OK
720 minute winter	INFILTRATION BASIN 1 INLET		720	156.577	0.775	14.8	232.8810	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S52		1.000	S25	2.0	0.542	0.048	0.1070
720 minute winter	S25		1.001	S27	4.3	0.865	0.069	0.1999
720 minute winter	S27		1.002	S28	5.1	1.096	0.073	0.1190
720 minute winter	S28		1.003	S33	7.0	1.555	0.056	0.1539
720 minute winter	S33		1.004	S34	8.5	1.584	0.072	0.0951
720 minute winter	S34		1.005	S36	10.8	1.782	0.092	0.1860
720 minute winter	S36		1.006	S158	13.2	1.826	0.103	0.3311
720 minute winter	S42		2.000	S158	0.8	0.170	0.021	0.0954
720 minute winter	S158		1.007	S159	14.8	1.918	0.133	0.0846
720 minute winter	S159		1.008	S160	14.8	0.327	0.002	0.8532
720 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	14.8	0.979	0.142	0.9547
720 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.5			

Results for 1000 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S52	495	166.371	0.035	2.2	0.0401	0.0000	OK
960 minute summer	S25	495	166.116	0.041	4.6	0.0590	0.0000	OK
960 minute summer	S27	495	165.544	0.044	5.4	0.0496	0.0000	OK
960 minute summer	S28	495	165.077	0.037	7.4	0.0421	0.0000	OK
960 minute summer	S33	495	163.163	0.042	9.0	0.0475	0.0000	OK
960 minute summer	S34	495	162.268	0.047	11.4	0.0537	0.0000	OK
960 minute summer	S36	495	160.720	0.050	14.0	0.0565	0.0000	OK
960 minute summer	S42	495	158.024	0.024	0.9	0.0341	0.0000	OK
960 minute summer	S158	495	157.961	0.061	15.7	0.0685	0.0000	OK
960 minute summer	S159	495	157.455	0.055	15.7	0.0626	0.0000	OK
960 minute summer	S160	495	157.279	0.079	15.7	0.0893	0.0000	OK
960 minute summer	INFILTRATION BASIN 1 INLET	975	156.508	0.705	15.7	214.0687	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S52	1.000	S25	2.2	0.557	0.053	0.1144
960 minute summer	S25	1.001	S27	4.6	0.885	0.074	0.2089
960 minute summer	S27	1.002	S28	5.4	1.115	0.077	0.1238
960 minute summer	S28	1.003	S33	7.4	1.581	0.060	0.1602
960 minute summer	S33	1.004	S34	9.0	1.613	0.076	0.0989
960 minute summer	S34	1.005	S36	11.4	1.807	0.097	0.1935
960 minute summer	S36	1.006	S158	14.0	1.856	0.109	0.3456
960 minute summer	S42	2.000	S158	0.9	0.176	0.024	0.1004
960 minute summer	S158	1.007	S159	15.7	1.945	0.141	0.0885
960 minute summer	S159	1.008	S160	15.7	0.333	0.002	0.8879
960 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	15.7	0.928	0.151	0.9492
960 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 1000 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.70%

Node Event		US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S52		480	166.366	0.030	1.6	0.0343	0.0000	OK
960 minute winter	S25		480	166.111	0.036	3.4	0.0509	0.0000	OK
960 minute winter	S27		510	165.538	0.038	4.0	0.0428	0.0000	OK
960 minute winter	S28		495	165.072	0.032	5.5	0.0365	0.0000	OK
960 minute winter	S33		495	163.157	0.036	6.7	0.0411	0.0000	OK
960 minute winter	S34		495	162.261	0.041	8.5	0.0464	0.0000	OK
960 minute winter	S36		495	160.713	0.043	10.4	0.0488	0.0000	OK
960 minute winter	S42		450	158.020	0.020	0.6	0.0282	0.0000	OK
960 minute winter	S158		495	157.952	0.052	11.6	0.0585	0.0000	OK
960 minute winter	S159		495	157.447	0.047	11.6	0.0529	0.0000	OK
960 minute winter	S160		495	157.268	0.068	11.6	0.0767	0.0000	OK
960 minute winter	INFILTRATION BASIN 1 INLET		960	156.608	0.806	11.6	241.5199	0.0000	OK

Link Event		US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S52		1.000	S25	1.6	0.507	0.039	0.0914
960 minute winter	S25		1.001	S27	3.4	0.810	0.055	0.1688
960 minute winter	S27		1.002	S28	4.0	1.026	0.057	0.1002
960 minute winter	S28		1.003	S33	5.5	1.447	0.044	0.1300
960 minute winter	S33		1.004	S34	6.7	1.480	0.057	0.0802
960 minute winter	S34		1.005	S36	8.5	1.661	0.072	0.1569
960 minute winter	S36		1.006	S158	10.4	1.712	0.081	0.2782
960 minute winter	S42		2.000	S158	0.6	0.159	0.016	0.0794
960 minute winter	S158		1.007	S159	11.6	1.811	0.104	0.0703
960 minute winter	S159		1.008	S160	11.6	0.301	0.001	0.7254
960 minute winter	S160		1.009	INFILTRATION BASIN 1 INLET	11.6	0.901	0.111	0.9292
960 minute winter	INFILTRATION BASIN 1 INLET		Infiltration		0.6			

Results for 1000 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.73%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S52	750	166.365	0.029	1.5	0.0332	0.0000	OK
1440 minute summer	S25	750	166.110	0.035	3.2	0.0495	0.0000	OK
1440 minute summer	S27	750	165.537	0.037	3.8	0.0417	0.0000	OK
1440 minute summer	S28	750	165.071	0.031	5.2	0.0355	0.0000	OK
1440 minute summer	S33	750	163.156	0.035	6.3	0.0399	0.0000	OK
1440 minute summer	S34	750	162.260	0.040	8.0	0.0450	0.0000	OK
1440 minute summer	S36	750	160.712	0.042	9.8	0.0474	0.0000	OK
1440 minute summer	S42	750	158.020	0.020	0.6	0.0282	0.0000	OK
1440 minute summer	S158	750	157.950	0.050	11.0	0.0569	0.0000	OK
1440 minute summer	S159	750	157.445	0.045	11.0	0.0513	0.0000	OK
1440 minute summer	S160	750	157.266	0.066	11.0	0.0747	0.0000	OK
1440 minute summer	INFILTRATION BASIN 1 INLET	1470	156.552	0.750	11.0	226.0319	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S52	1.000	S25	1.5	0.497	0.036	0.0874
1440 minute summer	S25	1.001	S27	3.2	0.794	0.051	0.1621
1440 minute summer	S27	1.002	S28	3.8	1.007	0.054	0.0965
1440 minute summer	S28	1.003	S33	5.2	1.425	0.042	0.1247
1440 minute summer	S33	1.004	S34	6.3	1.452	0.053	0.0768
1440 minute summer	S34	1.005	S36	8.0	1.632	0.068	0.1504
1440 minute summer	S36	1.006	S158	9.8	1.680	0.076	0.2672
1440 minute summer	S42	2.000	S158	0.6	0.153	0.016	0.0769
1440 minute summer	S158	1.007	S159	11.0	1.788	0.099	0.0675
1440 minute summer	S159	1.008	S160	11.0	0.296	0.001	0.7005
1440 minute summer	S160	1.009	INFILTRATION BASIN 1 INLET	11.0	0.802	0.105	0.9242
1440 minute summer	INFILTRATION BASIN 1 INLET	Infiltration		0.5			

Results for 1000 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S52	720	166.361	0.025	1.1	0.0287	0.0000	OK
1440 minute winter	S25	750	166.105	0.030	2.4	0.0431	0.0000	OK
1440 minute winter	S27	750	165.532	0.032	2.8	0.0358	0.0000	OK
1440 minute winter	S28	750	165.067	0.027	3.9	0.0310	0.0000	OK
1440 minute winter	S33	750	163.152	0.031	4.7	0.0346	0.0000	OK
1440 minute winter	S34	750	162.255	0.035	6.0	0.0390	0.0000	OK
1440 minute winter	S36	750	160.707	0.037	7.4	0.0413	0.0000	OK
1440 minute winter	S42	750	158.018	0.018	0.5	0.0259	0.0000	OK
1440 minute winter	S158	750	157.944	0.044	8.3	0.0494	0.0000	OK
1440 minute winter	S159	750	157.439	0.039	8.3	0.0438	0.0000	OK
1440 minute winter	S160	750	157.258	0.057	8.3	0.0650	0.0000	OK
1440 minute winter	INFILTRATION BASIN 1 INLET	1410	156.642	0.840	8.3	251.0414	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S52	1.000	S25	1.1	0.453	0.026	0.0703
1440 minute winter	S25	1.001	S27	2.4	0.735	0.039	0.1313
1440 minute winter	S27	1.002	S28	2.8	0.917	0.040	0.0781
1440 minute winter	S28	1.003	S33	3.9	1.310	0.031	0.1018
1440 minute winter	S33	1.004	S34	4.7	1.331	0.040	0.0625
1440 minute winter	S34	1.005	S36	6.0	1.499	0.051	0.1228
1440 minute winter	S36	1.006	S158	7.4	1.552	0.057	0.2186
1440 minute winter	S42	2.000	S158	0.5	0.153	0.013	0.0639
1440 minute winter	S158	1.007	S159	8.3	1.673	0.074	0.0544
1440 minute winter	S159	1.008	S160	8.3	0.268	0.001	0.5839
1440 minute winter	S160	1.009	INFILTRATION BASIN 1 INLET	8.3	0.785	0.080	0.9009
1440 minute winter	INFILTRATION BASIN 1 INLET	Infiltration		0.6			