

Design Settings

Rainfall Methodology	FEH-22	Minimum Velocity (m/s)	1.00
Return Period (years)	100	Connection Type	Level Inverts
Additional Flow (%)	0	Minimum Backdrop Height (m)	0.200
CV	1.000	Preferred Cover Depth (m)	0.500
Time of Entry (mins)	6.00	Include Intermediate Ground	✓
Maximum Time of Concentration (mins)	30.00	Enforce best practice design rules	x
Maximum Rainfall (mm/hr)	50.0		

Circular -Gravity Link Type

Template	Freeform Carrier	Minimum Velocity (m/s)	1.00
Shape	Circular	Follow Ground	✓
Barrels	1	Velocity	Colebrook-White
Auto Increment (mm)	50	ks (mm) / n	120.000

Available Diameters (mm)

100 | 150

Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Node Type
Development	0.023	6.00	100.000	Manhole
Soakaway			100.000	Junction
Dummy			100.000	Manhole

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	Development	Soakaway	15.000	120.000	99.350	98.100	1.250	12.0	150	6.38	50.0
1.001	Soakaway	Dummy	10.000	120.000	98.100	97.975	0.125	80.0	150	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	0.659	11.6	4.2	0.500	1.750	0.023	0.0	64	0.582
1.001	0.255	4.5	4.2	1.750	1.875	0.023	0.0	106	0.310

Node Soakaway Online Pump Control

Flap Valve	x	Design Depth (m)	0.800	Switch off depth (m)	0.010
Replaces Downstream Link	✓	Design Flow (l/s)	0.1		
Invert Level (m)	98.100	Switch on depth (m)	0.800		

Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)
0.100	0.000	0.300	0.000	0.500	0.000	0.700	0.000
0.200	0.000	0.400	0.000	0.600	0.000	0.800	0.000

Node Soakaway Soakaway Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	98.100	Depth (m)	1.200
Side Inf Coefficient (m/hr)	0.00421	Time to half empty (mins)		Inf Depth (m)	
Safety Factor	2.0	Pit Width (m)	7.000	Number Required	1
Porosity	0.95	Pit Length (m)	5.500		

Approval Settings

Node Size	x	Crossings	x	Surcharged Depth	x	Discharge Volume	x
Node Losses	x	Cover Depth	x	Flooding	x	First Flush	x
Link Size	x	Backdrops	x	Time to Half Empty	✓		
Link Length	x	Full Bore Velocity	x	Return Period (years)	10		
Coordinates	x	Proportional Velocity	x	Discharge Rates	x		

Rainfall

Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)	Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)
1 year 15 minute summer	103.774	29.365	2 year 360 minute winter	12.102	4.791
1 year 15 minute winter	72.824	29.365	2 year 480 minute summer	14.827	3.918
1 year 30 minute summer	69.344	19.622	2 year 480 minute winter	9.851	3.918
1 year 30 minute winter	48.663	19.622	2 year 600 minute summer	12.256	3.352
1 year 60 minute summer	48.435	12.800	2 year 600 minute winter	8.374	3.352
1 year 60 minute winter	32.179	12.800	2 year 720 minute summer	11.010	2.951
1 year 120 minute summer	31.043	8.204	2 year 720 minute winter	7.399	2.951
1 year 120 minute winter	20.625	8.204	2 year 960 minute summer	9.163	2.413
1 year 180 minute summer	24.484	6.301	2 year 960 minute winter	6.069	2.413
1 year 180 minute winter	15.916	6.301	2 year 1440 minute summer	6.778	1.817
1 year 240 minute summer	19.723	5.212	2 year 1440 minute winter	4.555	1.817
1 year 240 minute winter	13.103	5.212	30 year 15 minute summer	254.354	71.973
1 year 360 minute summer	15.370	3.955	30 year 15 minute winter	178.494	71.973
1 year 360 minute winter	9.991	3.955	30 year 30 minute summer	170.055	48.120
1 year 480 minute summer	12.303	3.251	30 year 30 minute winter	119.337	48.120
1 year 480 minute winter	8.174	3.251	30 year 60 minute summer	116.589	30.811
1 year 600 minute summer	10.212	2.793	30 year 60 minute winter	77.459	30.811
1 year 600 minute winter	6.977	2.793	30 year 120 minute summer	72.382	19.129
1 year 720 minute summer	9.206	2.467	30 year 120 minute winter	48.089	19.129
1 year 720 minute winter	6.187	2.467	30 year 180 minute summer	55.551	14.295
1 year 960 minute summer	7.707	2.029	30 year 180 minute winter	36.110	14.295
1 year 960 minute winter	5.105	2.029	30 year 240 minute summer	43.799	11.575
1 year 1440 minute summer	5.750	1.541	30 year 240 minute winter	29.099	11.575
1 year 1440 minute winter	3.865	1.541	30 year 360 minute summer	33.404	8.596
2 year 15 minute summer	134.201	37.974	30 year 360 minute winter	21.714	8.596
2 year 15 minute winter	94.176	37.974	30 year 480 minute summer	26.301	6.950
2 year 30 minute summer	89.213	25.244	30 year 480 minute winter	17.474	6.950
2 year 30 minute winter	62.606	25.244	30 year 600 minute summer	21.535	5.890
2 year 60 minute summer	61.301	16.200	30 year 600 minute winter	14.714	5.890
2 year 60 minute winter	40.727	16.200	30 year 720 minute summer	19.190	5.143
2 year 120 minute summer	38.586	10.197	30 year 720 minute winter	12.897	5.143
2 year 120 minute winter	25.636	10.197	30 year 960 minute summer	15.756	4.149
2 year 180 minute summer	30.084	7.742	30 year 960 minute winter	10.437	4.149
2 year 180 minute winter	19.555	7.742	30 year 1440 minute summer	11.422	3.061
2 year 240 minute summer	24.048	6.355	30 year 1440 minute winter	7.676	3.061
2 year 240 minute winter	15.977	6.355	30 year +40% CC 15 minute summer	356.095	100.763
2 year 360 minute summer	18.617	4.791	30 year +40% CC 15 minute winter	249.891	100.763

Rainfall

Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)	Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)
30 year +40% CC 30 minute summer	238.077	67.367	100 year 360 minute winter	28.037	11.100
30 year +40% CC 30 minute winter	167.071	67.367	100 year 480 minute summer	33.791	8.930
30 year +40% CC 60 minute summer	163.225	43.136	100 year 480 minute winter	22.450	8.930
30 year +40% CC 60 minute winter	108.443	43.136	100 year 600 minute summer	27.554	7.537
30 year +40% CC 120 minute summer	101.335	26.780	100 year 600 minute winter	18.826	7.537
30 year +40% CC 120 minute winter	67.325	26.780	100 year 720 minute summer	24.467	6.557
30 year +40% CC 180 minute summer	77.772	20.013	100 year 720 minute winter	16.444	6.557
30 year +40% CC 180 minute winter	50.554	20.013	100 year 960 minute summer	19.973	5.259
30 year +40% CC 240 minute summer	61.319	16.205	100 year 960 minute winter	13.231	5.259
30 year +40% CC 240 minute winter	40.739	16.205	100 year 1440 minute summer	14.351	3.846
30 year +40% CC 360 minute summer	46.766	12.034	100 year 1440 minute winter	9.645	3.846
30 year +40% CC 360 minute winter	30.399	12.034	100 year +45% CC 15 minute summer	477.732	135.182
30 year +40% CC 480 minute summer	36.821	9.731	100 year +45% CC 15 minute winter	335.251	135.182
30 year +40% CC 480 minute winter	24.463	9.731	100 year +45% CC 30 minute summer	322.491	91.254
30 year +40% CC 600 minute summer	30.149	8.246	100 year +45% CC 30 minute winter	226.309	91.254
30 year +40% CC 600 minute winter	20.599	8.246	100 year +45% CC 60 minute summer	222.268	58.739
30 year +40% CC 720 minute summer	26.865	7.200	100 year +45% CC 60 minute winter	147.669	58.739
30 year +40% CC 720 minute winter	18.055	7.200	100 year +45% CC 120 minute summer	137.832	36.425
30 year +40% CC 960 minute summer	22.059	5.809	100 year +45% CC 120 minute winter	91.572	36.425
30 year +40% CC 960 minute winter	14.612	5.809	100 year +45% CC 180 minute summer	105.255	27.086
30 year +40% CC 1440 minute summer	15.991	4.286	100 year +45% CC 180 minute winter	68.418	27.086
30 year +40% CC 1440 minute winter	10.747	4.286	100 year +45% CC 240 minute summer	82.544	21.814
100 year 15 minute summer	329.470	93.229	100 year +45% CC 240 minute winter	54.840	21.814
100 year 15 minute winter	231.207	93.229	100 year +45% CC 360 minute summer	62.543	16.094
100 year 30 minute summer	222.407	62.934	100 year +45% CC 360 minute winter	40.654	16.094
100 year 30 minute winter	156.075	62.934	100 year +45% CC 480 minute summer	48.996	12.948
100 year 60 minute summer	153.288	40.510	100 year +45% CC 480 minute winter	32.552	12.948
100 year 60 minute winter	101.841	40.510	100 year +45% CC 600 minute summer	39.953	10.928
100 year 120 minute summer	95.057	25.121	100 year +45% CC 600 minute winter	27.298	10.928
100 year 120 minute winter	63.153	25.121	100 year +45% CC 720 minute summer	35.478	9.508
100 year 180 minute summer	72.589	18.680	100 year +45% CC 720 minute winter	23.843	9.508
100 year 180 minute winter	47.185	18.680	100 year +45% CC 960 minute summer	28.961	7.626
100 year 240 minute summer	56.927	15.044	100 year +45% CC 960 minute winter	19.184	7.626
100 year 240 minute winter	37.821	15.044	100 year +45% CC 1440 minute summer	20.809	5.577
100 year 360 minute summer	43.133	11.100	100 year +45% CC 1440 minute winter	13.985	5.577

Results for 1 year Critical Storm Duration. Lowest mass balance: 99.56%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	Development	10	99.397	0.047	3.5	0.0531	0.0000	OK
960 minute winter	Soakaway	930	98.314	0.214	0.3	7.8355	0.0000	SURCHARGED
15 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Development	1.000	Soakaway	3.6	1.326	0.305	0.0491	
960 minute winter	Soakaway	Pump	Dummy	0.0				0.0
960 minute winter	Soakaway	Infiltration		0.0				

Results for 2 year Critical Storm Duration. Lowest mass balance: 99.31%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	Development	10	99.403	0.053	4.5	0.0594	0.0000	OK
1440 minute winter	Soakaway	1350	98.385	0.285	0.3	10.4164	0.0000	SURCHARGED
15 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Development	1.000	Soakaway	4.6	1.373	0.392	0.0626	
1440 minute winter	Soakaway	Pump	Dummy	0.0				0.0
1440 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.02%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	Development	10	99.421	0.071	8.5	0.0805	0.0000	OK
1440 minute summer	Soakaway	1470	98.563	0.463	0.7	16.9198	0.0000	SURCHARGED
15 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Development	1.000	Soakaway	8.6	1.507	0.740	0.1226	
1440 minute summer	Soakaway	Pump	Dummy	0.0				0.0
1440 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC Critical Storm Duration. Lowest mass balance: 98.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	Development	10	99.435	0.085	11.9	0.0957	0.0000	OK
1440 minute winter	Soakaway	1440	98.727	0.627	0.7	22.9475	0.0000	SURCHARGED
15 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Development	1.000	Soakaway	12.0	1.565	1.035	0.1710	
1440 minute winter	Soakaway	Pump	Dummy	0.0				0.0
1440 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year Critical Storm Duration. Lowest mass balance: 98.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	Development	10	99.431	0.081	11.0	0.0918	0.0000	OK
1440 minute winter	Soakaway	1440	98.661	0.561	0.6	20.5059	0.0000	SURCHARGED
15 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Development	1.000	Soakaway	11.1	1.557	0.957	0.1584	
1440 minute winter	Soakaway	Pump	Dummy	0.0				0.0
1440 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 98.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	Development	10	99.450	0.100	15.9	0.1134	0.0000	OK
1440 minute winter	Soakaway	1440	98.928	0.828	0.9	30.2721	0.0000	SURCHARGED
15 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Development	1.000	Soakaway	15.9	1.607	1.368	0.2106	
1440 minute winter	Soakaway	Pump	Dummy	0.0				0.0
1440 minute winter	Soakaway	Infiltration		0.0				

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	Development	10	99.397	0.047	3.5	0.0531	0.0000	OK
15 minute summer	Soakaway	42	98.146	0.046	3.6	1.6689	0.0000	OK
15 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Development	1.000	Soakaway	3.6	1.326	0.305	0.0491	
15 minute summer	Soakaway	Pump	Dummy	0.0				0.0
15 minute summer	Soakaway	Infiltration		0.0				

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	Development	10	99.395	0.045	3.3	0.0510	0.0000	OK
15 minute winter	Soakaway	43	98.145	0.045	3.3	1.6455	0.0000	OK
15 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	Development	1.000	Soakaway	3.3	1.272	0.288	0.0465	
15 minute winter	Soakaway	Pump	Dummy	0.0				0.0
15 minute winter	Soakaway	Infiltration		0.0				

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 (m ³)	Flood (m ³)	Status
30 minute summer	Development	18	99.394	0.044	3.4	0.0493	0.0000	OK
30 minute summer	Soakaway	55	98.161	0.061	3.4	2.2173	0.0000	OK
30 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m ³)	Discharge Vol (m ³)
30 minute summer	Development	1.000	Soakaway	3.4	1.130	0.293	0.0546	
30 minute summer	Soakaway	Pump	Dummy	0.0				0.0
30 minute summer	Soakaway	Infiltration		0.0				

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	Development	17	99.389	0.039	2.8	0.0447	0.0000	OK
30 minute winter	Soakaway	54	98.161	0.061	2.8	2.2318	0.0000	OK
30 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	Development	1.000	Soakaway	2.8	1.061	0.244	0.0552	
30 minute winter	Soakaway	Pump	Dummy	0.0				0.0
30 minute winter	Soakaway	Infiltration		0.0				

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 (m ³)	Flood (m ³)	Status
60 minute summer	Development	33	99.386	0.036	2.7	0.0407	0.0000	OK
60 minute summer	Soakaway	82	98.178	0.078	2.7	2.8660	0.0000	OK
60 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m ³)	Discharge Vol (m ³)
60 minute summer	Development	1.000	Soakaway	2.7	0.874	0.230	0.0731	
60 minute summer	Soakaway	Pump	Dummy	0.0				0.0
60 minute summer	Soakaway	Infiltration		0.0				

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	Development	34	99.381	0.031	2.0	0.0351	0.0000	OK
60 minute winter	Soakaway	81	98.179	0.079	2.0	2.8719	0.0000	OK
60 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	Development	1.000	Soakaway	2.0	0.800	0.172	0.0733	
60 minute winter	Soakaway	Pump	Dummy	0.0				0.0
60 minute winter	Soakaway	Infiltration		0.0				

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	Development	64	99.380	0.030	1.9	0.0343	0.0000	OK
120 minute summer	Soakaway	142	98.200	0.100	1.9	3.6666	0.0000	OK
120 minute summer	Dummy	2	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	Development	1.000	Soakaway	1.9	0.700	0.163	0.0963	
120 minute summer	Soakaway	Pump	Dummy	0.0				0.0
120 minute summer	Soakaway	Infiltration		0.0				

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	Development	64	99.375	0.025	1.3	0.0285	0.0000	OK
120 minute winter	Soakaway	138	98.200	0.100	1.3	3.6493	0.0000	OK
120 minute winter	Dummy	2	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	Development	1.000	Soakaway	1.3	0.707	0.112	0.0961	
120 minute winter	Soakaway	Pump	Dummy	0.0				0.0
120 minute winter	Soakaway	Infiltration		0.0				

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	Development	96	99.377	0.027	1.5	0.0305	0.0000	OK
180 minute summer	Soakaway	200	98.216	0.116	1.5	4.2394	0.0000	OK
180 minute summer	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	Development	1.000	Soakaway	1.5	0.576	0.129	0.1114	
180 minute summer	Soakaway	Pump	Dummy	0.0				0.0
180 minute summer	Soakaway	Infiltration		0.0				

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	Development	96	99.372	0.022	1.0	0.0251	0.0000	OK
180 minute winter	Soakaway	196	98.216	0.116	1.0	4.2513	0.0000	OK
180 minute winter	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	Development	1.000	Soakaway	1.0	0.651	0.086	0.1117	
180 minute winter	Soakaway	Pump	Dummy	0.0				0.0
180 minute winter	Soakaway	Infiltration		0.0				

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	Development	124	99.375	0.025	1.3	0.0284	0.0000	OK
240 minute summer	Soakaway	260	98.224	0.124	1.3	4.5386	0.0000	OK
240 minute summer	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	Development	1.000	Soakaway	1.3	0.576	0.111	0.1188	
240 minute summer	Soakaway	Pump	Dummy	0.0				0.0
240 minute summer	Soakaway	Infiltration		0.0				

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	Development	120	99.370	0.020	0.8	0.0225	0.0000	OK
240 minute winter	Soakaway	252	98.225	0.125	0.8	4.5742	0.0000	OK
240 minute winter	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	Development	1.000	Soakaway	0.8	0.575	0.069	0.1196	
240 minute winter	Soakaway	Pump	Dummy	0.0				0.0
240 minute winter	Soakaway	Infiltration		0.0				

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	Development	184	99.372	0.022	1.0	0.0249	0.0000	OK
360 minute summer	Soakaway	376	98.245	0.145	1.0	5.2888	0.0000	OK
360 minute summer	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	Development	1.000	Soakaway	1.0	0.560	0.085	0.1326	
360 minute summer	Soakaway	Pump	Dummy	0.0				0.0
360 minute summer	Soakaway	Infiltration		0.0				

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	Development	176	99.367	0.017	0.6	0.0197	0.0000	OK
360 minute winter	Soakaway	368	98.240	0.140	0.6	5.1259	0.0000	OK
360 minute winter	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	Development	1.000	Soakaway	0.6	0.555	0.052	0.1303	
360 minute winter	Soakaway	Pump	Dummy	0.0				0.0
360 minute winter	Soakaway	Infiltration		0.0				

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	Development	248	99.370	0.020	0.8	0.0225	0.0000	OK
480 minute summer	Soakaway	496	98.265	0.165	0.8	6.0309	0.0000	SURCHARGED
480 minute summer	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	Development	1.000	Soakaway	0.8	0.560	0.069	0.1345	
480 minute summer	Soakaway	Pump	Dummy	0.0				0.0
480 minute summer	Soakaway	Infiltration		0.0				

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	Development	224	99.366	0.016	0.5	0.0180	0.0000	OK
480 minute winter	Soakaway	480	98.260	0.160	0.5	5.8686	0.0000	SURCHARGED
480 minute winter	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	Development	1.000	Soakaway	0.5	0.555	0.043	0.1345	
480 minute winter	Soakaway	Pump	Dummy	0.0				0.0
480 minute winter	Soakaway	Infiltration		0.0				

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	Development	315	99.369	0.019	0.7	0.0211	0.0000	OK
600 minute summer	Soakaway	630	98.280	0.180	0.7	6.5863	0.0000	SURCHARGED
600 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	Development	1.000	Soakaway	0.7	0.502	0.060	0.1352	
600 minute summer	Soakaway	Pump	Dummy	0.0				0.0
600 minute summer	Soakaway	Infiltration		0.0				

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	Development	285	99.364	0.014	0.4	0.0162	0.0000	OK
600 minute winter	Soakaway	600	98.267	0.167	0.4	6.1069	0.0000	SURCHARGED
600 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	Development	1.000	Soakaway	0.4	0.547	0.034	0.1345	
600 minute winter	Soakaway	Pump	Dummy	0.0				0.0
600 minute winter	Soakaway	Infiltration		0.0				

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	Development	375	99.367	0.017	0.6	0.0197	0.0000	OK
720 minute summer	Soakaway	750	98.299	0.199	0.6	7.2781	0.0000	SURCHARGED

720 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK
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Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	Development	1.000	Soakaway	0.6	0.502	0.052	0.1361	
720 minute summer	Soakaway	Pump	Dummy	0.0				0.0
720 minute summer	Soakaway	Infiltration		0.0				

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	Development	345	99.364	0.014	0.4	0.0162	0.0000	OK
720 minute winter	Soakaway	720	98.291	0.191	0.4	6.9757	0.0000	SURCHARGED
720 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	Development	1.000	Soakaway	0.4	0.547	0.034	0.1360	
720 minute winter	Soakaway	Pump	Dummy	0.0				0.0
720 minute winter	Soakaway	Infiltration		0.0				

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	Development	495	99.366	0.016	0.5	0.0180	0.0000	OK
960 minute summer	Soakaway	870	98.295	0.195	0.5	7.1456	0.0000	SURCHARGED
960 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	Development	1.000	Soakaway	0.5	0.547	0.043	0.1360	
960 minute summer	Soakaway	Pump	Dummy	0.0				0.0
960 minute summer	Soakaway	Infiltration		0.0				

Results for 1 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.56%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	Development	420	99.363	0.013	0.3	0.0142	0.0000	OK
960 minute winter	Soakaway	930	98.314	0.214	0.3	7.8355	0.0000	SURCHARGED
960 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	Development	1.000	Soakaway	0.3	0.547	0.026	0.1364	
960 minute winter	Soakaway	Pump	Dummy	0.0				0.0
960 minute winter	Soakaway	Infiltration		0.0				

Results for 1 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.59%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	Development	750	99.364	0.014	0.4	0.0162	0.0000	OK
1440 minute summer	Soakaway	1140	98.310	0.210	0.4	7.6649	0.0000	SURCHARGED
1440 minute summer	Dummy	30	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	Development	1.000	Soakaway	0.4	0.493	0.034	0.1361	
1440 minute summer	Soakaway	Pump	Dummy	0.0				0.0
1440 minute summer	Soakaway	Infiltration		0.0				

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	Development	600	99.360	0.010	0.2	0.0118	0.0000	OK
1440 minute winter	Soakaway	1170	98.290	0.190	0.2	6.9566	0.0000	SURCHARGED
1440 minute winter	Dummy	30	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	Development	1.000	Soakaway	0.2	0.493	0.017	0.1355	
1440 minute winter	Soakaway	Pump	Dummy	0.0				0.0
1440 minute winter	Soakaway	Infiltration		0.0				

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 (m ³)	Flood (m ³)	Status
15 minute summer	Development	10	99.403	0.053	4.5	0.0594	0.0000	OK
15 minute summer	Soakaway	41	98.159	0.059	4.6	2.1478	0.0000	OK
15 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m ³)	Discharge Vol (m ³)
15 minute summer	Development	1.000	Soakaway	4.6	1.373	0.392	0.0626	
15 minute summer	Soakaway	Pump	Dummy	0.0				0.0
15 minute summer	Soakaway	Infiltration		0.0				

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	Development	10	99.401	0.051	4.3	0.0575	0.0000	OK
15 minute winter	Soakaway	41	98.159	0.059	4.4	2.1478	0.0000	OK
15 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	Development	1.000	Soakaway	4.4	1.330	0.375	0.0603	
15 minute winter	Soakaway	Pump	Dummy	0.0				0.0
15 minute winter	Soakaway	Infiltration		0.0				

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 (m ³)	Flood (m ³)	Status
30 minute summer	Development	17	99.398	0.048	4.3	0.0546	0.0000	OK
30 minute summer	Soakaway	53	98.178	0.078	4.3	2.8411	0.0000	OK
30 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m ³)	Discharge Vol (m ³)
30 minute summer	Development	1.000	Soakaway	4.3	1.158	0.372	0.0738	
30 minute summer	Soakaway	Pump	Dummy	0.0				0.0
30 minute summer	Soakaway	Infiltration		0.0				

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	Development	17	99.393	0.043	3.6	0.0491	0.0000	OK
30 minute winter	Soakaway	53	98.177	0.077	3.6	2.8265	0.0000	OK
30 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	Development	1.000	Soakaway	3.6	1.092	0.310	0.0739	
30 minute winter	Soakaway	Pump	Dummy	0.0				0.0
30 minute winter	Soakaway	Infiltration		0.0				

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 (m ³)	Flood (m ³)	Status
60 minute summer	Development	33	99.390	0.040	3.4	0.0457	0.0000	OK
60 minute summer	Soakaway	82	98.199	0.099	3.4	3.6260	0.0000	OK
60 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m ³)	Discharge Vol (m ³)
60 minute summer	Development	1.000	Soakaway	3.4	0.875	0.290	0.0965	
60 minute summer	Soakaway	Pump	Dummy	0.0				0.0
60 minute summer	Soakaway	Infiltration		0.0				

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	Development	34	99.385	0.035	2.5	0.0393	0.0000	OK
60 minute winter	Soakaway	80	98.200	0.100	2.5	3.6464	0.0000	OK
60 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	Development	1.000	Soakaway	2.5	0.844	0.215	0.0973	
60 minute winter	Soakaway	Pump	Dummy	0.0				0.0
60 minute winter	Soakaway	Infiltration		0.0				

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	Development	64	99.384	0.034	2.4	0.0385	0.0000	OK
120 minute summer	Soakaway	140	98.226	0.126	2.4	4.6221	0.0000	OK
120 minute summer	Dummy	2	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	Development	1.000	Soakaway	2.4	0.700	0.206	0.1216	
120 minute summer	Soakaway	Pump	Dummy	0.0				0.0
120 minute summer	Soakaway	Infiltration		0.0				

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	Development	64	99.378	0.028	1.6	0.0315	0.0000	OK
120 minute winter	Soakaway	138	98.223	0.123	1.6	4.5112	0.0000	OK
120 minute winter	Dummy	2	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	Development	1.000	Soakaway	1.6	0.723	0.137	0.1190	
120 minute winter	Soakaway	Pump	Dummy	0.0				0.0
120 minute winter	Soakaway	Infiltration		0.0				

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	Development	96	99.379	0.029	1.8	0.0334	0.0000	OK
180 minute summer	Soakaway	200	98.243	0.143	1.8	5.2198	0.0000	OK
180 minute summer	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	Development	1.000	Soakaway	1.8	0.690	0.155	0.1328	
180 minute summer	Soakaway	Pump	Dummy	0.0				0.0
180 minute summer	Soakaway	Infiltration		0.0				

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	Development	96	99.374	0.024	1.2	0.0274	0.0000	OK
180 minute winter	Soakaway	196	98.242	0.142	1.2	5.1850	0.0000	OK
180 minute winter	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	Development	1.000	Soakaway	1.2	0.684	0.103	0.1323	
180 minute winter	Soakaway	Pump	Dummy	0.0				0.0
180 minute winter	Soakaway	Infiltration		0.0				

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	Development	124	99.377	0.027	1.5	0.0304	0.0000	OK
240 minute summer	Soakaway	260	98.255	0.155	1.5	5.6619	0.0000	SURCHARGED
240 minute summer	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	Development	1.000	Soakaway	1.5	0.576	0.128	0.1359	
240 minute summer	Soakaway	Pump	Dummy	0.0				0.0
240 minute summer	Soakaway	Infiltration		0.0				

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	Development	124	99.372	0.022	1.0	0.0251	0.0000	OK
240 minute winter	Soakaway	256	98.257	0.157	1.0	5.7447	0.0000	SURCHARGED
240 minute winter	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	Development	1.000	Soakaway	1.0	0.618	0.086	0.1360	
240 minute winter	Soakaway	Pump	Dummy	0.0				0.0
240 minute winter	Soakaway	Infiltration		0.0				

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	Development	184	99.374	0.024	1.2	0.0273	0.0000	OK
360 minute summer	Soakaway	376	98.270	0.170	1.2	6.2292	0.0000	SURCHARGED
360 minute summer	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	Development	1.000	Soakaway	1.2	0.560	0.102	0.1360	
360 minute summer	Soakaway	Pump	Dummy	0.0				0.0
360 minute summer	Soakaway	Infiltration		0.0				

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	Development	184	99.370	0.020	0.8	0.0225	0.0000	OK
360 minute winter	Soakaway	368	98.274	0.174	0.8	6.3479	0.0000	SURCHARGED
360 minute winter	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	Development	1.000	Soakaway	0.8	0.555	0.069	0.1372	
360 minute winter	Soakaway	Pump	Dummy	0.0				0.0
360 minute winter	Soakaway	Infiltration		0.0				

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	Development	248	99.371	0.021	0.9	0.0238	0.0000	OK
480 minute summer	Soakaway	496	98.288	0.188	0.9	6.8769	0.0000	SURCHARGED
480 minute summer	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	Development	1.000	Soakaway	0.9	0.560	0.077	0.1373	
480 minute summer	Soakaway	Pump	Dummy	0.0				0.0
480 minute summer	Soakaway	Infiltration		0.0				

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	Development	224	99.367	0.017	0.6	0.0197	0.0000	OK
480 minute winter	Soakaway	488	98.289	0.189	0.6	6.9015	0.0000	SURCHARGED
480 minute winter	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	Development	1.000	Soakaway	0.6	0.555	0.052	0.1383	
480 minute winter	Soakaway	Pump	Dummy	0.0				0.0
480 minute winter	Soakaway	Infiltration		0.0				

Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.58%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	Development	315	99.370	0.020	0.8	0.0225	0.0000	OK
600 minute summer	Soakaway	630	98.309	0.209	0.8	7.6420	0.0000	SURCHARGED
600 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	Development	1.000	Soakaway	0.8	0.502	0.069	0.1385	
600 minute summer	Soakaway	Pump	Dummy	0.0				0.0
600 minute summer	Soakaway	Infiltration		0.0				

Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.60%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	Development	285	99.366	0.016	0.5	0.0180	0.0000	OK
600 minute winter	Soakaway	615	98.305	0.205	0.5	7.5125	0.0000	SURCHARGED
600 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	Development	1.000	Soakaway	0.5	0.547	0.043	0.1384	
600 minute winter	Soakaway	Pump	Dummy	0.0				0.0
600 minute winter	Soakaway	Infiltration		0.0				

Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.50%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	Development	375	99.369	0.019	0.7	0.0211	0.0000	OK
720 minute summer	Soakaway	750	98.328	0.228	0.7	8.3323	0.0000	SURCHARGED
720 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	Development	1.000	Soakaway	0.7	0.502	0.060	0.1394	
720 minute summer	Soakaway	Pump	Dummy	0.0				0.0
720 minute summer	Soakaway	Infiltration		0.0				

Results for 2 year 720 minute winter. 960 minute analysis at 15 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
720 minute winter	Development	360	99.366	0.016	0.5	0.0180	0.0000	OK
720 minute winter	Soakaway	720	98.320	0.220	0.5	8.0307	0.0000	SURCHARGED
720 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	Development	1.000	Soakaway	0.5	0.547	0.043	0.1384	
720 minute winter	Soakaway	Pump	Dummy	0.0				0.0
720 minute winter	Soakaway	Infiltration		0.0				

Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.40%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	Development	495	99.367	0.017	0.6	0.0197	0.0000	OK
960 minute summer	Soakaway	975	98.352	0.252	0.6	9.2280	0.0000	SURCHARGED

960 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK
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Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	Development	1.000	Soakaway	0.6	0.547	0.052	0.1386	
960 minute summer	Soakaway	Pump	Dummy	0.0				0.0
960 minute summer	Soakaway	Infiltration		0.0				

Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.42%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	Development	465	99.364	0.014	0.4	0.0162	0.0000	OK
960 minute winter	Soakaway	945	98.348	0.248	0.4	9.0600	0.0000	SURCHARGED
960 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	Development	1.000	Soakaway	0.4	0.547	0.034	0.1379	
960 minute winter	Soakaway	Pump	Dummy	0.0				0.0
960 minute winter	Soakaway	Infiltration		0.0				

Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.40%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	Development	720	99.364	0.014	0.4	0.0162	0.0000	OK
1440 minute summer	Soakaway	1230	98.357	0.257	0.4	9.3983	0.0000	SURCHARGED
1440 minute summer	Dummy	30	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	Development	1.000	Soakaway	0.4	0.493	0.034	0.1384	
1440 minute summer	Soakaway	Pump	Dummy	0.0				0.0
1440 minute summer	Soakaway	Infiltration		0.0				

Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.31%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	Development	690	99.363	0.013	0.3	0.0142	0.0000	OK
1440 minute winter	Soakaway	1350	98.385	0.285	0.3	10.4164	0.0000	SURCHARGED
1440 minute winter	Dummy	30	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	Development	1.000	Soakaway	0.3	0.493	0.026	0.1373	
1440 minute winter	Soakaway	Pump	Dummy	0.0				0.0
1440 minute winter	Soakaway	Infiltration		0.0				

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	Development	10	99.421	0.071	8.5	0.0805	0.0000	OK
15 minute summer	Soakaway	37	98.211	0.111	8.6	4.0425	0.0000	OK
15 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Development	1.000	Soakaway	8.6	1.507	0.740	0.1226	
15 minute summer	Soakaway	Pump	Dummy	0.0				0.0
15 minute summer	Soakaway	Infiltration		0.0				

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	Development	10	99.419	0.069	8.2	0.0781	0.0000	OK
15 minute winter	Soakaway	36	98.211	0.111	8.3	4.0453	0.0000	OK
15 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	Development	1.000	Soakaway	8.3	1.465	0.714	0.1213	
15 minute winter	Soakaway	Pump	Dummy	0.0				0.0
15 minute winter	Soakaway	Infiltration		0.0				

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	Development	17	99.415	0.065	8.3	0.0733	0.0000	OK
30 minute summer	Soakaway	49	98.247	0.147	8.3	5.3717	0.0000	OK
30 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	Development	1.000	Soakaway	8.3	1.223	0.709	0.1427	
30 minute summer	Soakaway	Pump	Dummy	0.0				0.0
30 minute summer	Soakaway	Infiltration		0.0				

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	Development	18	99.408	0.058	6.9	0.0661	0.0000	OK
30 minute winter	Soakaway	49	98.248	0.148	6.9	5.3980	0.0000	OK
30 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	Development	1.000	Soakaway	6.9	1.146	0.589	0.1436	
30 minute winter	Soakaway	Pump	Dummy	0.0				0.0
30 minute winter	Soakaway	Infiltration		0.0				

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	Development	33	99.407	0.057	6.5	0.0641	0.0000	OK
60 minute summer	Soakaway	77	98.289	0.189	6.5	6.9307	0.0000	SURCHARGED
60 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	Development	1.000	Soakaway	6.5	0.969	0.556	0.1582	
60 minute summer	Soakaway	Pump	Dummy	0.0				0.0
60 minute summer	Soakaway	Infiltration		0.0				

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	Development	33	99.398	0.048	4.8	0.0546	0.0000	OK
60 minute winter	Soakaway	76	98.289	0.189	4.8	6.9278	0.0000	SURCHARGED
60 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	Development	1.000	Soakaway	4.8	0.980	0.410	0.1572	
60 minute winter	Soakaway	Pump	Dummy	0.0				0.0
60 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year 120 minute summer. 360 minute analysis at 2 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
120 minute summer	Development	64	99.396	0.046	4.4	0.0523	0.0000	OK
120 minute summer	Soakaway	136	98.335	0.235	4.4	8.6044	0.0000	SURCHARGED
120 minute summer	Dummy	2	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	Development	1.000	Soakaway	4.4	0.840	0.378	0.1611	
120 minute summer	Soakaway	Pump	Dummy	0.0				0.0
120 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.48%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	Development	64	99.388	0.038	3.0	0.0430	0.0000	OK
120 minute winter	Soakaway	134	98.333	0.233	3.0	8.5161	0.0000	SURCHARGED
120 minute winter	Dummy	2	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	Development	1.000	Soakaway	3.0	0.829	0.258	0.1559	
120 minute winter	Soakaway	Pump	Dummy	0.0				0.0
120 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.37%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	Development	96	99.390	0.040	3.3	0.0451	0.0000	OK
180 minute summer	Soakaway	196	98.364	0.264	3.3	9.6532	0.0000	SURCHARGED
180 minute summer	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	Development	1.000	Soakaway	3.3	0.767	0.284	0.1573	
180 minute summer	Soakaway	Pump	Dummy	0.0				0.0
180 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.37%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	Development	96	99.383	0.033	2.3	0.0377	0.0000	OK
180 minute winter	Soakaway	192	98.366	0.266	2.3	9.7127	0.0000	SURCHARGED
180 minute winter	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	Development	1.000	Soakaway	2.3	0.750	0.198	0.1532	
180 minute winter	Soakaway	Pump	Dummy	0.0				0.0
180 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.31%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	Development	124	99.387	0.037	2.8	0.0415	0.0000	OK
240 minute summer	Soakaway	256	98.383	0.283	2.8	10.3527	0.0000	SURCHARGED
240 minute summer	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	Development	1.000	Soakaway	2.8	0.690	0.239	0.1559	
240 minute summer	Soakaway	Pump	Dummy	0.0				0.0
240 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.31%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	Development	124	99.380	0.030	1.9	0.0342	0.0000	OK
240 minute winter	Soakaway	252	98.385	0.285	1.9	10.4360	0.0000	SURCHARGED
240 minute winter	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	Development	1.000	Soakaway	1.9	0.721	0.163	0.1504	
240 minute winter	Soakaway	Pump	Dummy	0.0				0.0
240 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.24%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	Development	184	99.382	0.032	2.1	0.0359	0.0000	OK
360 minute summer	Soakaway	376	98.413	0.313	2.1	11.4312	0.0000	SURCHARGED
360 minute summer	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	Development	1.000	Soakaway	2.1	0.648	0.179	0.1524	
360 minute summer	Soakaway	Pump	Dummy	0.0				0.0
360 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.24%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	Development	184	99.376	0.026	1.4	0.0295	0.0000	OK
360 minute winter	Soakaway	376	98.412	0.312	1.4	11.4075	0.0000	SURCHARGED
360 minute winter	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	Development	1.000	Soakaway	1.4	0.603	0.120	0.1473	
360 minute winter	Soakaway	Pump	Dummy	0.0				0.0
360 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.18%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	Development	248	99.379	0.029	1.7	0.0324	0.0000	OK
480 minute summer	Soakaway	496	98.445	0.345	1.7	12.6119	0.0000	SURCHARGED
480 minute summer	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	Development	1.000	Soakaway	1.7	0.603	0.146	0.1496	
480 minute summer	Soakaway	Pump	Dummy	0.0				0.0
480 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.18%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	Development	240	99.373	0.023	1.1	0.0262	0.0000	OK
480 minute winter	Soakaway	488	98.440	0.340	1.1	12.4494	0.0000	SURCHARGED
480 minute winter	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	Development	1.000	Soakaway	1.1	0.575	0.095	0.1450	
480 minute winter	Soakaway	Pump	Dummy	0.0				0.0
480 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.16%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	Development	315	99.376	0.026	1.4	0.0295	0.0000	OK
600 minute summer	Soakaway	615	98.453	0.353	1.4	12.9226	0.0000	SURCHARGED
600 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	Development	1.000	Soakaway	1.4	0.502	0.120	0.1474	
600 minute summer	Soakaway	Pump	Dummy	0.0				0.0
600 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.14%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	Development	300	99.371	0.021	0.9	0.0238	0.0000	OK
600 minute winter	Soakaway	600	98.464	0.364	0.9	13.3228	0.0000	SURCHARGED
600 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	Development	1.000	Soakaway	0.9	0.547	0.077	0.1433	
600 minute winter	Soakaway	Pump	Dummy	0.0				0.0
600 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.13%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	Development	375	99.374	0.024	1.2	0.0274	0.0000	OK
720 minute summer	Soakaway	735	98.472	0.372	1.2	13.6057	0.0000	SURCHARGED

720 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK
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Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	Development	1.000	Soakaway	1.2	0.502	0.103	0.1458	
720 minute summer	Soakaway	Pump	Dummy	0.0				0.0
720 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.13%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	Development	360	99.370	0.020	0.8	0.0225	0.0000	OK
720 minute winter	Soakaway	720	98.469	0.369	0.8	13.4781	0.0000	SURCHARGED
720 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	Development	1.000	Soakaway	0.8	0.547	0.069	0.1424	
720 minute winter	Soakaway	Pump	Dummy	0.0				0.0
720 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.08%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	Development	495	99.372	0.022	1.0	0.0251	0.0000	OK
960 minute summer	Soakaway	975	98.509	0.409	1.0	14.9658	0.0000	SURCHARGED
960 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	Development	1.000	Soakaway	1.0	0.502	0.086	0.1441	
960 minute summer	Soakaway	Pump	Dummy	0.0				0.0
960 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.08%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	Development	480	99.369	0.019	0.7	0.0211	0.0000	OK
960 minute winter	Soakaway	960	98.506	0.406	0.7	14.8390	0.0000	SURCHARGED
960 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	Development	1.000	Soakaway	0.7	0.547	0.060	0.1415	
960 minute winter	Soakaway	Pump	Dummy	0.0				0.0
960 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.02%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	Development	750	99.369	0.019	0.7	0.0211	0.0000	OK
1440 minute summer	Soakaway	1470	98.563	0.463	0.7	16.9198	0.0000	SURCHARGED

1440 minute summer	Dummy	30	97.975	0.000	0.0	0.0000	0.0000	OK
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Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	Development	1.000	Soakaway	0.7	0.400	0.060	0.1415	
1440 minute summer	Soakaway	Pump	Dummy	0.0				0.0
1440 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.02%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	Development	720	99.366	0.016	0.5	0.0180	0.0000	OK
1440 minute winter	Soakaway	1410	98.556	0.456	0.5	16.6820	0.0000	SURCHARGED
1440 minute winter	Dummy	30	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	Development	1.000	Soakaway	0.5	0.493	0.043	0.1395	
1440 minute winter	Soakaway	Pump	Dummy	0.0				0.0
1440 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 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	Development	10	99.435	0.085	11.9	0.0957	0.0000	OK
15 minute summer	Soakaway	34	98.255	0.155	12.0	5.6681	0.0000	SURCHARGED
15 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Development	1.000	Soakaway	12.0	1.565	1.035	0.1710	
15 minute summer	Soakaway	Pump	Dummy	0.0				0.0
15 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 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	Development	10	99.432	0.082	11.5	0.0928	0.0000	OK
15 minute winter	Soakaway	34	98.255	0.155	11.6	5.6591	0.0000	SURCHARGED
15 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	Development	1.000	Soakaway	11.6	1.523	1.000	0.1677	
15 minute winter	Soakaway	Pump	Dummy	0.0				0.0
15 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.60%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	Development	18	99.429	0.079	11.6	0.0888	0.0000	OK
30 minute summer	Soakaway	47	98.307	0.207	11.5	7.5635	0.0000	SURCHARGED
30 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	Development	1.000	Soakaway	11.5	1.242	0.989	0.1877	
30 minute summer	Soakaway	Pump	Dummy	0.0				0.0
30 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.61%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	Development	18	99.421	0.071	9.7	0.0800	0.0000	OK
30 minute winter	Soakaway	47	98.307	0.207	9.6	7.5605	0.0000	SURCHARGED
30 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	Development	1.000	Soakaway	9.6	1.179	0.828	0.1821	
30 minute winter	Soakaway	Pump	Dummy	0.0				0.0
30 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.39%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	Development	33	99.418	0.068	9.1	0.0772	0.0000	OK
60 minute summer	Soakaway	75	98.366	0.266	9.1	9.7326	0.0000	SURCHARGED
60 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	Development	1.000	Soakaway	9.1	1.043	0.778	0.1877	
60 minute summer	Soakaway	Pump	Dummy	0.0				0.0
60 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.39%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	Development	33	99.408	0.058	6.7	0.0652	0.0000	OK
60 minute winter	Soakaway	74	98.365	0.265	6.7	9.6762	0.0000	SURCHARGED
60 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	Development	1.000	Soakaway	6.7	1.051	0.574	0.1778	
60 minute winter	Soakaway	Pump	Dummy	0.0				0.0
60 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.23%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	Development	64	99.405	0.055	6.2	0.0626	0.0000	OK
120 minute summer	Soakaway	134	98.429	0.329	6.2	12.0484	0.0000	SURCHARGED
120 minute summer	Dummy	2	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	Development	1.000	Soakaway	6.2	0.932	0.533	0.1763	
120 minute summer	Soakaway	Pump	Dummy	0.0				0.0
120 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	Development	64	99.396	0.046	4.3	0.0517	0.0000	OK
120 minute winter	Soakaway	132	98.431	0.331	4.3	12.1068	0.0000	SURCHARGED
120 minute winter	Dummy	2	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	Development	1.000	Soakaway	4.3	0.889	0.369	0.1660	
120 minute winter	Soakaway	Pump	Dummy	0.0				0.0
120 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.15%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	Development	96	99.397	0.047	4.6	0.0535	0.0000	OK
180 minute summer	Soakaway	196	98.469	0.369	4.6	13.5130	0.0000	SURCHARGED
180 minute summer	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	Development	1.000	Soakaway	4.6	0.836	0.395	0.1677	
180 minute summer	Soakaway	Pump	Dummy	0.0				0.0
180 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.14%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	Development	96	99.389	0.039	3.2	0.0444	0.0000	OK
180 minute winter	Soakaway	196	98.472	0.372	3.2	13.6182	0.0000	SURCHARGED
180 minute winter	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	Development	1.000	Soakaway	3.2	0.797	0.275	0.1596	
180 minute winter	Soakaway	Pump	Dummy	0.0				0.0
180 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.10%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	Development	124	99.393	0.043	3.9	0.0491	0.0000	OK
240 minute summer	Soakaway	256	98.502	0.402	3.9	14.7045	0.0000	SURCHARGED
240 minute summer	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	Development	1.000	Soakaway	3.9	0.776	0.334	0.1637	
240 minute summer	Soakaway	Pump	Dummy	0.0				0.0
240 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.09%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	Development	124	99.385	0.035	2.6	0.0400	0.0000	OK
240 minute winter	Soakaway	248	98.503	0.403	2.6	14.7520	0.0000	SURCHARGED
240 minute winter	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	Development	1.000	Soakaway	2.6	0.775	0.223	0.1558	
240 minute winter	Soakaway	Pump	Dummy	0.0				0.0
240 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.04%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	Development	184	99.388	0.038	3.0	0.0429	0.0000	OK
360 minute summer	Soakaway	376	98.547	0.447	3.0	16.3529	0.0000	SURCHARGED
360 minute summer	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	Development	1.000	Soakaway	3.0	0.701	0.256	0.1583	
360 minute summer	Soakaway	Pump	Dummy	0.0				0.0
360 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.04%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	Development	184	99.380	0.030	1.9	0.0343	0.0000	OK
360 minute winter	Soakaway	376	98.539	0.439	1.9	16.0694	0.0000	SURCHARGED
360 minute winter	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	Development	1.000	Soakaway	1.9	0.667	0.163	0.1510	
360 minute winter	Soakaway	Pump	Dummy	0.0				0.0
360 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.01%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	Development	248	99.384	0.034	2.4	0.0385	0.0000	OK
480 minute summer	Soakaway	496	98.573	0.473	2.4	17.2910	0.0000	SURCHARGED
480 minute summer	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	Development	1.000	Soakaway	2.4	0.648	0.206	0.1545	
480 minute summer	Soakaway	Pump	Dummy	0.0				0.0
480 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	Development	248	99.378	0.028	1.6	0.0315	0.0000	OK
480 minute winter	Soakaway	488	98.584	0.484	1.6	17.7165	0.0000	SURCHARGED
480 minute winter	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	Development	1.000	Soakaway	1.6	0.634	0.137	0.1489	
480 minute winter	Soakaway	Pump	Dummy	0.0				0.0
480 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 98.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	Development	315	99.380	0.030	1.9	0.0343	0.0000	OK
600 minute summer	Soakaway	615	98.606	0.506	1.9	18.5124	0.0000	SURCHARGED
600 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	Development	1.000	Soakaway	1.9	0.551	0.163	0.1510	
600 minute summer	Soakaway	Pump	Dummy	0.0				0.0
600 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 98.99%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	Development	300	99.375	0.025	1.3	0.0285	0.0000	OK
600 minute winter	Soakaway	615	98.593	0.493	1.3	18.0285	0.0000	SURCHARGED
600 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	Development	1.000	Soakaway	1.3	0.502	0.112	0.1466	
600 minute winter	Soakaway	Pump	Dummy	0.0				0.0
600 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 98.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	Development	375	99.379	0.029	1.7	0.0324	0.0000	OK
720 minute summer	Soakaway	735	98.635	0.535	1.7	19.5835	0.0000	SURCHARGED
720 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	Development	1.000	Soakaway	1.7	0.593	0.146	0.1496	
720 minute summer	Soakaway	Pump	Dummy	0.0				0.0
720 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 98.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	Development	375	99.374	0.024	1.2	0.0274	0.0000	OK
720 minute winter	Soakaway	720	98.632	0.532	1.2	19.4579	0.0000	SURCHARGED
720 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	Development	1.000	Soakaway	1.2	0.547	0.103	0.1458	
720 minute winter	Soakaway	Pump	Dummy	0.0				0.0
720 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 98.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	Development	495	99.376	0.026	1.4	0.0295	0.0000	OK
960 minute summer	Soakaway	975	98.658	0.558	1.4	20.4007	0.0000	SURCHARGED
960 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	Development	1.000	Soakaway	1.4	0.502	0.120	0.1474	
960 minute summer	Soakaway	Pump	Dummy	0.0				0.0
960 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 98.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	Development	465	99.371	0.021	0.9	0.0238	0.0000	OK
960 minute winter	Soakaway	960	98.674	0.574	0.9	20.9766	0.0000	SURCHARGED
960 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	Development	1.000	Soakaway	0.9	0.547	0.077	0.1433	
960 minute winter	Soakaway	Pump	Dummy	0.0				0.0
960 minute winter	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 98.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	Development	750	99.372	0.022	1.0	0.0251	0.0000	OK
1440 minute summer	Soakaway	1470	98.715	0.615	1.0	22.4969	0.0000	SURCHARGED
1440 minute summer	Dummy	30	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	Development	1.000	Soakaway	1.0	0.400	0.086	0.1441	
1440 minute summer	Soakaway	Pump	Dummy	0.0				0.0
1440 minute summer	Soakaway	Infiltration		0.0				

Results for 30 year +40% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 98.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m ³)	Flood (m ³)	Status
1440 minute winter	Development	720	99.369	0.019	0.7	0.0211	0.0000	OK
1440 minute winter	Soakaway	1440	98.727	0.627	0.7	22.9475	0.0000	SURCHARGED
1440 minute winter	Dummy	30	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m ³)	Discharge Vol (m ³)
1440 minute winter	Development	1.000	Soakaway	0.7	0.493	0.060	0.1415	
1440 minute winter	Soakaway	Pump	Dummy	0.0				0.0
1440 minute winter	Soakaway	Infiltration		0.0				

Results for 100 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 (m ³)	Flood (m ³)	Status
15 minute summer	Development	10	99.431	0.081	11.0	0.0918	0.0000	OK
15 minute summer	Soakaway	35	98.242	0.142	11.1	5.2115	0.0000	OK
15 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m ³)	Discharge Vol (m ³)
15 minute summer	Development	1.000	Soakaway	11.1	1.557	0.957	0.1584	
15 minute summer	Soakaway	Pump	Dummy	0.0				0.0
15 minute summer	Soakaway	Infiltration		0.0				

Results for 100 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	Development	10	99.429	0.079	10.6	0.0889	0.0000	OK
15 minute winter	Soakaway	35	98.243	0.143	10.7	5.2260	0.0000	OK
15 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	Development	1.000	Soakaway	10.7	1.508	0.922	0.1564	
15 minute winter	Soakaway	Pump	Dummy	0.0				0.0
15 minute winter	Soakaway	Infiltration		0.0				

Results for 100 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	Development	18	99.425	0.075	10.8	0.0851	0.0000	OK
30 minute summer	Soakaway	48	98.293	0.193	10.7	7.0432	0.0000	SURCHARGED
30 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	Development	1.000	Soakaway	10.7	1.238	0.920	0.1795	
30 minute summer	Soakaway	Pump	Dummy	0.0				0.0
30 minute summer	Soakaway	Infiltration		0.0				

Results for 100 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	Development	18	99.418	0.068	9.0	0.0767	0.0000	OK
30 minute winter	Soakaway	47	98.293	0.193	9.0	7.0579	0.0000	SURCHARGED
30 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	Development	1.000	Soakaway	9.0	1.168	0.769	0.1748	
30 minute winter	Soakaway	Pump	Dummy	0.0				0.0
30 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.43%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	Development	33	99.416	0.066	8.6	0.0747	0.0000	OK
60 minute summer	Soakaway	76	98.349	0.249	8.6	9.1234	0.0000	SURCHARGED
60 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	Development	1.000	Soakaway	8.6	1.015	0.735	0.1841	
60 minute summer	Soakaway	Pump	Dummy	0.0				0.0
60 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.43%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	Development	33	99.406	0.056	6.3	0.0631	0.0000	OK
60 minute winter	Soakaway	74	98.349	0.249	6.3	9.0967	0.0000	SURCHARGED
60 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	Development	1.000	Soakaway	6.3	1.032	0.539	0.1744	
60 minute winter	Soakaway	Pump	Dummy	0.0				0.0
60 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.27%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	Development	64	99.403	0.053	5.8	0.0604	0.0000	OK
120 minute summer	Soakaway	134	98.409	0.309	5.8	11.3156	0.0000	SURCHARGED

120 minute summer	Dummy	2	97.975	0.000	0.0	0.0000	0.0000	OK
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Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	Development	1.000	Soakaway	5.8	0.896	0.498	0.1742	
120 minute summer	Soakaway	Pump	Dummy	0.0				0.0
120 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.26%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	Development	64	99.394	0.044	4.0	0.0498	0.0000	OK
120 minute winter	Soakaway	132	98.409	0.309	4.0	11.3035	0.0000	SURCHARGED
120 minute winter	Dummy	2	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	Development	1.000	Soakaway	4.0	0.901	0.344	0.1643	
120 minute winter	Soakaway	Pump	Dummy	0.0				0.0
120 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.20%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	Development	96	99.396	0.046	4.3	0.0517	0.0000	OK
180 minute summer	Soakaway	196	98.441	0.341	4.3	12.4741	0.0000	SURCHARGED

180 minute summer	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK
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Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	Development	1.000	Soakaway	4.3	0.836	0.369	0.1660	
180 minute summer	Soakaway	Pump	Dummy	0.0				0.0
180 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.19%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	Development	96	99.388	0.038	3.0	0.0430	0.0000	OK
180 minute winter	Soakaway	196	98.444	0.344	3.0	12.5797	0.0000	SURCHARGED
180 minute winter	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	Development	1.000	Soakaway	3.0	0.797	0.258	0.1583	
180 minute winter	Soakaway	Pump	Dummy	0.0				0.0
180 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.15%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	Development	124	99.392	0.042	3.6	0.0471	0.0000	OK
240 minute summer	Soakaway	256	98.469	0.369	3.6	13.5014	0.0000	SURCHARGED

240 minute summer	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK
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Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	Development	1.000	Soakaway	3.6	0.776	0.308	0.1619	
240 minute summer	Soakaway	Pump	Dummy	0.0				0.0
240 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.14%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	Development	124	99.384	0.034	2.4	0.0385	0.0000	OK
240 minute winter	Soakaway	252	98.467	0.367	2.4	13.4311	0.0000	SURCHARGED
240 minute winter	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	Development	1.000	Soakaway	2.4	0.723	0.206	0.1545	
240 minute winter	Soakaway	Pump	Dummy	0.0				0.0
240 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.08%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	Development	184	99.387	0.037	2.8	0.0415	0.0000	OK
360 minute summer	Soakaway	376	98.509	0.409	2.8	14.9633	0.0000	SURCHARGED

360 minute summer	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK
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Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	Development	1.000	Soakaway	2.8	0.648	0.239	0.1570	
360 minute summer	Soakaway	Pump	Dummy	0.0				0.0
360 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.08%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	Development	184	99.379	0.029	1.8	0.0333	0.0000	OK
360 minute winter	Soakaway	376	98.507	0.407	1.8	14.8919	0.0000	SURCHARGED
360 minute winter	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	Development	1.000	Soakaway	1.8	0.667	0.154	0.1503	
360 minute winter	Soakaway	Pump	Dummy	0.0				0.0
360 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.05%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	Development	248	99.383	0.033	2.2	0.0368	0.0000	OK
480 minute summer	Soakaway	496	98.537	0.437	2.2	15.9742	0.0000	SURCHARGED
480 minute summer	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	Development	1.000	Soakaway	2.2	0.648	0.189	0.1531	
480 minute summer	Soakaway	Pump	Dummy	0.0				0.0
480 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.04%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	Development	240	99.376	0.026	1.4	0.0295	0.0000	OK
480 minute winter	Soakaway	488	98.541	0.441	1.4	16.1174	0.0000	SURCHARGED
480 minute winter	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	Development	1.000	Soakaway	1.4	0.634	0.120	0.1474	
480 minute winter	Soakaway	Pump	Dummy	0.0				0.0
480 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.02%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	Development	315	99.379	0.029	1.8	0.0334	0.0000	OK
600 minute summer	Soakaway	615	98.563	0.463	1.8	16.9275	0.0000	SURCHARGED
600 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	Development	1.000	Soakaway	1.8	0.551	0.155	0.1503	
600 minute summer	Soakaway	Pump	Dummy	0.0				0.0
600 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.03%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	Development	315	99.374	0.024	1.2	0.0274	0.0000	OK
600 minute winter	Soakaway	615	98.550	0.450	1.2	16.4436	0.0000	SURCHARGED
600 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	Development	1.000	Soakaway	1.2	0.502	0.103	0.1458	
600 minute winter	Soakaway	Pump	Dummy	0.0				0.0
600 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 98.99%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	Development	375	99.378	0.028	1.6	0.0315	0.0000	OK
720 minute summer	Soakaway	735	98.587	0.487	1.6	17.8254	0.0000	SURCHARGED
720 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	Development	1.000	Soakaway	1.6	0.502	0.137	0.1489	
720 minute summer	Soakaway	Pump	Dummy	0.0				0.0
720 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	Development	375	99.373	0.023	1.1	0.0262	0.0000	OK
720 minute winter	Soakaway	720	98.579	0.479	1.1	17.5231	0.0000	SURCHARGED
720 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	Development	1.000	Soakaway	1.1	0.547	0.095	0.1450	
720 minute winter	Soakaway	Pump	Dummy	0.0				0.0
720 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 98.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	Development	495	99.375	0.025	1.3	0.0285	0.0000	OK
960 minute summer	Soakaway	975	98.600	0.500	1.3	18.2969	0.0000	SURCHARGED
960 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	Development	1.000	Soakaway	1.3	0.502	0.112	0.1466	
960 minute summer	Soakaway	Pump	Dummy	0.0				0.0
960 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 98.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	Development	450	99.370	0.020	0.8	0.0225	0.0000	OK
960 minute winter	Soakaway	960	98.611	0.511	0.8	18.6970	0.0000	SURCHARGED
960 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	Development	1.000	Soakaway	0.8	0.547	0.069	0.1424	
960 minute winter	Soakaway	Pump	Dummy	0.0				0.0
960 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 98.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	Development	750	99.371	0.021	0.9	0.0238	0.0000	OK
1440 minute summer	Soakaway	1470	98.648	0.548	0.9	20.0570	0.0000	SURCHARGED
1440 minute summer	Dummy	30	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	Development	1.000	Soakaway	0.9	0.400	0.077	0.1433	
1440 minute summer	Soakaway	Pump	Dummy	0.0				0.0
1440 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 98.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m ³)	Flood (m ³)	Status
1440 minute winter	Development	690	99.367	0.017	0.6	0.0197	0.0000	OK
1440 minute winter	Soakaway	1440	98.661	0.561	0.6	20.5059	0.0000	SURCHARGED
1440 minute winter	Dummy	30	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m ³)	Discharge Vol (m ³)
1440 minute winter	Development	1.000	Soakaway	0.6	0.493	0.052	0.1405	
1440 minute winter	Soakaway	Pump	Dummy	0.0				0.0
1440 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 15 minute summer. 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 summer	Development	10	99.450	0.100	15.9	0.1134	0.0000	OK
15 minute summer	Soakaway	32	98.308	0.208	15.9	7.5939	0.0000	SURCHARGED
15 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Development	1.000	Soakaway	15.9	1.607	1.368	0.2106	
15 minute summer	Soakaway	Pump	Dummy	0.0				0.0
15 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year +45% 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	Development	10	99.447	0.097	15.4	0.1094	0.0000	OK
15 minute winter	Soakaway	32	98.307	0.207	15.4	7.5873	0.0000	SURCHARGED
15 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	Development	1.000	Soakaway	15.4	1.574	1.324	0.2056	
15 minute winter	Soakaway	Pump	Dummy	0.0				0.0
15 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.39%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	Development	18	99.445	0.095	15.7	0.1077	0.0000	OK
30 minute summer	Soakaway	45	98.381	0.281	15.6	10.2793	0.0000	SURCHARGED
30 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	Development	1.000	Soakaway	15.6	1.253	1.340	0.2190	
30 minute summer	Soakaway	Pump	Dummy	0.0				0.0
30 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.38%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	Development	18	99.435	0.085	13.1	0.0958	0.0000	OK
30 minute winter	Soakaway	45	98.382	0.282	13.0	10.2964	0.0000	SURCHARGED
30 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	Development	1.000	Soakaway	13.0	1.247	1.120	0.2080	
30 minute winter	Soakaway	Pump	Dummy	0.0				0.0
30 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.23%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	Development	33	99.432	0.082	12.4	0.0926	0.0000	OK
60 minute summer	Soakaway	74	98.462	0.362	12.3	13.2531	0.0000	SURCHARGED
60 minute summer	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	Development	1.000	Soakaway	12.3	1.113	1.060	0.2058	
60 minute summer	Soakaway	Pump	Dummy	0.0				0.0
60 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.21%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	Development	33	99.418	0.068	9.1	0.0774	0.0000	OK
60 minute winter	Soakaway	73	98.462	0.362	9.1	13.2446	0.0000	SURCHARGED
60 minute winter	Dummy	1	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	Development	1.000	Soakaway	9.1	1.120	0.782	0.1907	
60 minute winter	Soakaway	Pump	Dummy	0.0				0.0
60 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.09%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	Development	64	99.415	0.065	8.4	0.0739	0.0000	OK
120 minute summer	Soakaway	132	98.550	0.450	8.4	16.4412	0.0000	SURCHARGED
120 minute summer	Dummy	2	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	Development	1.000	Soakaway	8.4	1.000	0.722	0.1873	
120 minute summer	Soakaway	Pump	Dummy	0.0				0.0
120 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.07%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	Development	64	99.403	0.053	5.8	0.0604	0.0000	OK
120 minute winter	Soakaway	132	98.548	0.448	5.8	16.4029	0.0000	SURCHARGED
120 minute winter	Dummy	2	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	Development	1.000	Soakaway	5.8	0.949	0.498	0.1742	
120 minute winter	Soakaway	Pump	Dummy	0.0				0.0
120 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.02%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	Development	96	99.406	0.056	6.3	0.0632	0.0000	OK
180 minute summer	Soakaway	192	98.600	0.500	6.3	18.2724	0.0000	SURCHARGED
180 minute summer	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	Development	1.000	Soakaway	6.3	0.930	0.541	0.1768	
180 minute summer	Soakaway	Pump	Dummy	0.0				0.0
180 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.01%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	Development	96	99.396	0.046	4.3	0.0517	0.0000	OK
180 minute winter	Soakaway	192	98.601	0.501	4.3	18.3410	0.0000	SURCHARGED
180 minute winter	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	Development	1.000	Soakaway	4.3	0.836	0.369	0.1660	
180 minute winter	Soakaway	Pump	Dummy	0.0				0.0
180 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 98.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	Development	124	99.401	0.051	5.3	0.0575	0.0000	OK
240 minute summer	Soakaway	252	98.636	0.536	5.3	19.6128	0.0000	SURCHARGED
240 minute summer	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	Development	1.000	Soakaway	5.3	0.891	0.453	0.1715	
240 minute summer	Soakaway	Pump	Dummy	0.0				0.0
240 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 98.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	Development	124	99.391	0.041	3.5	0.0465	0.0000	OK
240 minute winter	Soakaway	248	98.638	0.538	3.5	19.6827	0.0000	SURCHARGED
240 minute winter	Dummy	4	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	Development	1.000	Soakaway	3.5	0.811	0.301	0.1614	
240 minute winter	Soakaway	Pump	Dummy	0.0				0.0
240 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 98.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	Development	184	99.394	0.044	4.0	0.0497	0.0000	OK
360 minute summer	Soakaway	376	98.697	0.597	4.0	21.8175	0.0000	SURCHARGED
360 minute summer	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	Development	1.000	Soakaway	4.0	0.701	0.342	0.1642	
360 minute summer	Soakaway	Pump	Dummy	0.0				0.0
360 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 98.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	Development	184	99.385	0.035	2.6	0.0400	0.0000	OK
360 minute winter	Soakaway	368	98.698	0.598	2.6	21.8626	0.0000	SURCHARGED
360 minute winter	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	Development	1.000	Soakaway	2.6	0.735	0.223	0.1558	
360 minute winter	Soakaway	Pump	Dummy	0.0				0.0
360 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 98.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	Development	248	99.389	0.039	3.1	0.0437	0.0000	OK
480 minute summer	Soakaway	496	98.737	0.637	3.1	23.2877	0.0000	SURCHARGED
480 minute summer	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	Development	1.000	Soakaway	3.1	0.701	0.266	0.1590	
480 minute summer	Soakaway	Pump	Dummy	0.0				0.0
480 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 98.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	Development	248	99.382	0.032	2.1	0.0360	0.0000	OK
480 minute winter	Soakaway	488	98.735	0.635	2.1	23.2393	0.0000	SURCHARGED
480 minute winter	Dummy	8	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	Development	1.000	Soakaway	2.1	0.667	0.180	0.1524	
480 minute winter	Soakaway	Pump	Dummy	0.0				0.0
480 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 600 minute summer. 840 minute analysis at 15 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
600 minute summer	Development	315	99.385	0.035	2.6	0.0400	0.0000	OK
600 minute summer	Soakaway	615	98.775	0.675	2.6	24.6767	0.0000	SURCHARGED
600 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	Development	1.000	Soakaway	2.6	0.551	0.223	0.1558	
600 minute summer	Soakaway	Pump	Dummy	0.0				0.0
600 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 98.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	Development	300	99.379	0.029	1.7	0.0324	0.0000	OK
600 minute winter	Soakaway	615	98.776	0.676	1.7	24.7202	0.0000	SURCHARGED
600 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	Development	1.000	Soakaway	1.7	0.593	0.146	0.1496	
600 minute winter	Soakaway	Pump	Dummy	0.0				0.0
600 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 98.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	Development	375	99.383	0.033	2.3	0.0377	0.0000	OK
720 minute summer	Soakaway	735	98.793	0.693	2.3	25.3423	0.0000	SURCHARGED
720 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	Development	1.000	Soakaway	2.3	0.551	0.198	0.1538	
720 minute summer	Soakaway	Pump	Dummy	0.0				0.0
720 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 98.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	Development	360	99.377	0.027	1.5	0.0305	0.0000	OK
720 minute winter	Soakaway	735	98.813	0.713	1.5	26.0890	0.0000	SURCHARGED
720 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	Development	1.000	Soakaway	1.5	0.593	0.129	0.1481	
720 minute winter	Soakaway	Pump	Dummy	0.0				0.0
720 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 98.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	Development	495	99.380	0.030	1.9	0.0343	0.0000	OK
960 minute summer	Soakaway	975	98.858	0.758	1.9	27.7198	0.0000	SURCHARGED
960 minute summer	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	Development	1.000	Soakaway	1.9	0.551	0.163	0.1510	
960 minute summer	Soakaway	Pump	Dummy	0.0				0.0
960 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 98.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	Development	480	99.374	0.024	1.2	0.0274	0.0000	OK
960 minute winter	Soakaway	960	98.837	0.737	1.2	26.9399	0.0000	SURCHARGED
960 minute winter	Dummy	15	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	Development	1.000	Soakaway	1.2	0.547	0.103	0.1458	
960 minute winter	Soakaway	Pump	Dummy	0.0				0.0
960 minute winter	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 98.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	Development	750	99.375	0.025	1.3	0.0285	0.0000	OK
1440 minute summer	Soakaway	1470	98.896	0.796	1.3	29.1201	0.0000	SURCHARGED
1440 minute summer	Dummy	30	97.975	0.000	0.0	0.0000	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	Development	1.000	Soakaway	1.3	0.400	0.112	0.1466	
1440 minute summer	Soakaway	Pump	Dummy	0.0				0.0
1440 minute summer	Soakaway	Infiltration		0.0				

Results for 100 year +45% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 98.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	Development	720	99.371	0.021	0.9	0.0238	0.0000	OK
1440 minute winter	Soakaway	1440	98.928	0.828	0.9	30.2721	0.0000	SURCHARGED
1440 minute winter	Dummy	30	97.975	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	Development	1.000	Soakaway	0.9	0.493	0.077	0.1433	
1440 minute winter	Soakaway	Pump	Dummy	0.0				0.0
1440 minute winter	Soakaway	Infiltration		0.0				