

Design Settings

Rainfall Methodology	FEH-22	Minimum Velocity (m/s)	1.00
Return Period (years)	100	Connection Type	Level Soffits
Additional Flow (%)	40	Minimum Backdrop Height (m)	0.200
CV	1.000	Preferred Cover Depth (m)	1.200
Time of Entry (mins)	5.00	Include Intermediate Ground	✓
Maximum Time of Concentration (mins)	30.00	Enforce best practice design rules	x
Maximum Rainfall (mm/hr)	50.0		

Adoptable Manhole Type

Max Width (mm)	Diameter (mm)	Max Width (mm)	Diameter (mm)
374	1200	749	1500
499	1350	900	1800

>900 Link+900 mm

Max Depth (m)	Diameter (mm)	Max Depth (m)	Diameter (mm)
1.500	1050	99.999	1200

Circular Link Type

Shape	Circular	Auto Increment (mm)	75
Barrels	1	Follow Ground	x

Available Diameters (mm)

100 | 150

Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
Outfall			16.400	1200	138.260	108.039	1.180
PP2b	0.030	5.00	17.900		-28.548	79.084	0.780
PP3a	0.048	5.00	17.920		97.583	53.368	1.520
SWMH04	0.025	5.00	17.998	1500	-17.140	30.046	1.848
Roof 3	0.048	5.00	17.900	1200	-8.469	77.697	0.641
Clean Tank 2			18.000		-23.325	79.056	2.030
SWMH02	0.178	5.00	17.994	1500	28.855	23.571	1.594
SWMH01	0.148	5.00	18.027	1500	66.367	26.336	1.477
SWMH17	0.032	5.00	17.855	1200	36.531	79.515	1.689
SWMH14	0.009	5.00	17.838	1350	89.558	79.477	1.559
Clean Tank 3			17.700		36.242	85.324	1.940
SWMH20			17.914	1200	15.633	99.394	2.144
Grasscrete1	0.004	5.00	18.000		-13.197	47.235	0.650
PP4	0.007	5.00	17.500		93.321	85.942	0.980
PP5a	0.006	5.00	17.950		29.782	92.382	0.950
SWMH15			17.815	1200	47.142	85.408	1.823
SWMH22	0.262	5.00	18.240	1350	1.924	99.411	1.205
SWMH10			17.300	1500	83.844	100.936	1.708
SWMH06			17.900	1500	-17.170	86.039	1.940
SWMH08			17.764	1500	38.780	90.112	2.011

Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
SWMH03	0.000	5.00	18.281	1500	-14.098	23.759	2.031
Access Road Tank	0.000	5.00	16.400		121.671	106.741	1.100
SWMH05			18.046	1500	-17.820	61.817	2.044
SWMH11			16.400	1500	129.739	107.647	1.140
SWMH16	0.025	5.00	17.900	1350	-14.043	78.458	1.673
Roof 4	0.048	5.00	17.900	1200	-7.570	24.778	0.900
RoofX	0.027	5.00	18.000	1200	96.655	69.854	1.600
Road Tank 1			17.900		9.473	99.256	2.116
Access Road	0.041	5.00	16.400	1200	122.676	98.707	0.900
Clean Tank 1			18.000		-17.956	43.038	1.900
SWMH09			17.872	1200	44.405	99.491	2.239
SWMH13			17.920	1350	96.966	79.524	1.583
PP2a	0.009	5.00	17.900		-13.168	55.672	0.590
SWMH07			17.720	1200	20.017	85.727	1.890
PP5b	0.022	5.00	17.700		29.644	77.457	1.500
Road Tank 2			17.800		50.717	99.938	2.181

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)
1.004	Clean Tank 1	SWMH05	5.200	0.600	16.100	16.002	0.098	53.1	525	5.13	50.0
1.003	SWMH04	Clean Tank 1	1.000	0.600	16.150	16.100	0.050	20.0	525	5.10	50.0
1.001	SWMH02	SWMH03	48.000	0.600	16.400	16.250	0.150	320.0	525	3.00	50.0
1.000	SWMH01	SWMH02	43.400	0.600	16.550	16.400	0.150	289.3	525	5.55	50.0
5.000	SWMH17	Clean Tank 3	1.000	0.600	16.166	15.900	0.266	3.8	300	5.15	50.0
4.000	SWMH14	SWMH15	37.500	0.600	16.279	15.992	0.287	130.7	300	6.75	50.0
1.007	SWMH06	SWMH07	35.000	0.600	15.960	15.830	0.130	269.2	300	5.90	50.0
12.002	SWMH20	SWMH09	28.500	0.600	15.770	15.633	0.137	208.0	300	5.54	50.0
3.001	PP3a	SWMH13	43.000	0.600	16.400	16.337	0.063	682.5	300	6.21	50.0
3.002	PP4	SWMH14	9.600	0.600	16.520	16.429	0.091	105.5	150	5.16	50.0
6.000	PP5a	SWMH08	2.899	0.600	17.000	15.800	1.200	2.4	300	5.00	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)
1.004	3.079	666.6	100.9	1.375	1.519	0.399	0.0	137	2.247
1.003	5.024	1087.6	100.9	1.323	1.375	0.399	0.0	107	3.202
1.001	1.246	269.8	82.5	1.069	1.506	0.326	0.0	199	1.101
1.000	1.311	283.9	37.4	0.952	1.069	0.148	0.0	127	0.919
5.000	8.161	576.9	13.7	1.389	1.500	0.054	0.0	31	3.451
4.000	1.374	97.1	23.0	1.259	1.523	0.091	0.0	99	1.133
1.007	0.953	67.4	130.3	1.640	1.590	0.515	0.0	300	0.965
12.002	1.086	76.8	66.3	1.844	1.939	0.262	0.0	216	1.217
3.001	0.594	42.0	12.1	1.220	1.283	0.048	0.0	110	0.516
3.002	0.978	17.3	1.8	0.830	1.259	0.007	0.0	33	0.632
6.000	10.184	719.9	1.5	0.650	1.664	0.006	0.0	10	2.062

Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
1.009	SWMH08	SWMH09	6.000	0.600	15.753	15.633	0.120	50.0	300	6.90	50.0
1.015	SWMH11	Outfall	5.000	0.600	15.260	15.220	0.040	125.0	300	7.64	50.0
7.000	SWMH22	Road Tank 1	10.000	0.600	17.035	16.300	0.735	13.6	300	5.04	50.0
1.013	SWMH10	Access Road Tank	38.269	0.600	15.592	15.300	0.292	131.1	300	7.54	50.0
1.008	Clean Tank 3	SWMH08	1.700	0.600	15.760	15.753	0.007	242.9	300	6.11	50.0
1.002	SWMH03	SWMH04	9.500	0.600	16.250	16.150	0.100	95.0	525	5.09	50.0
8.001	SWMH13	SWMH14	7.408	0.600	16.337	16.279	0.058	127.7	300	6.29	50.0
1.005	SWMH05	Clean Tank 2	10.000	0.600	16.002	15.970	0.032	312.5	525	5.26	50.0
1.012	Access Road Tank	SWMH11	3.500	0.600	15.300	15.278	0.022	159.1	300	7.59	50.0
3.001_1	SWMH16	Clean Tank 2	2.500	0.600	16.227	16.000	0.227	11.0	150	5.14	50.0
2.000	Roof 4	SWMH03	6.607	0.600	17.000	16.475	0.525	12.6	300	5.02	50.0
9.000	RoofX	SWMH13	9.675	0.600	16.400	16.337	0.063	153.6	300	5.13	50.0
1.012_1	Road Tank 2	SWMH10	8.000	0.600	15.619	15.592	0.027	296.3	525	7.07	50.0
12.001	Road Tank 1	SWMH20	3.500	0.600	15.784	15.770	0.014	250.0	300	5.10	50.0
4.000_1	Grasscrete1	SWMH16	5.000	0.600	17.350	17.310	0.040	125.0	100	5.12	50.0
13.000	Access Road	Access Road Tank	8.097	0.600	15.500	15.300	0.200	40.5	300	5.05	50.0
4.001	PP2b	Clean Tank 2	6.084	0.600	17.120	15.984	1.136	5.4	225	5.02	50.0
3.000	Roof 3	SWMH16	5.626	0.600	17.259	16.277	0.982	5.7	150	5.02	50.0
1.007_1	Clean Tank 2	SWMH06	2.200	0.600	15.970	15.960	0.010	220.0	300	5.29	50.0
1.011	SWMH09	Road Tank 2	3.857	0.600	15.633	15.620	0.013	296.7	300	6.97	50.0
8.003	SWMH15	SWMH08	13.300	0.600	15.992	15.753	0.239	55.6	300	6.85	50.0
5.000_1	PP2a	SWMH16	2.000	0.600	17.310	16.277	1.033	1.9	100	5.01	50.0

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
1.009	2.228	157.5	168.5	1.711	1.939	0.666	0.0	279	2.462
1.015	1.405	99.3	245.1	0.840	0.880	0.969	0.0	300	1.423
7.000	4.284	302.8	66.3	0.905	1.300	0.262	0.0	95	3.450
1.013	1.372	96.9	234.8	1.408	0.800	0.928	0.0	300	1.389
1.008	1.004	71.0	143.9	1.640	1.711	0.569	0.0	300	1.017
1.002	2.298	497.5	94.6	1.506	1.323	0.374	0.0	154	1.787
8.001	1.389	98.2	19.0	1.283	1.259	0.075	0.0	89	1.080
1.005	1.261	273.1	100.9	1.519	1.505	0.399	0.0	220	1.170
1.012	1.244	87.9	245.1	0.800	0.822	0.969	0.0	300	1.260
3.001_1	3.053	53.9	21.8	1.523	1.850	0.086	0.0	67	2.897
2.000	4.455	314.9	12.1	0.600	1.506	0.048	0.0	40	2.173
9.000	1.266	89.5	6.8	1.300	1.283	0.027	0.0	56	0.758
1.012_1	1.296	280.5	234.8	1.656	1.183	0.928	0.0	369	1.443
12.001	0.990	70.0	66.3	1.816	1.844	0.262	0.0	234	1.120
4.000_1	0.686	5.4	1.0	0.550	0.490	0.004	0.0	29	0.524
13.000	2.478	175.1	10.4	0.600	0.800	0.041	0.0	49	1.373
4.001	5.691	226.3	7.6	0.555	1.791	0.030	0.0	28	2.643
3.000	4.238	74.9	12.1	0.491	1.473	0.048	0.0	41	3.130
1.007_1	1.056	74.6	130.3	1.730	1.640	0.515	0.0	300	1.069
1.011	0.907	64.1	234.8	1.939	1.880	0.928	0.0	300	0.919
8.003	2.112	149.3	23.0	1.523	1.711	0.091	0.0	79	1.547
5.000_1	5.603	44.0	2.3	0.490	1.523	0.009	0.0	15	2.911

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)
1.008_1	SWMH07	Clean Tank 3	10.200	0.600	15.830	15.790	0.040	255.0	300	6.08	50.0
7.000_1	PP5b	SWMH17	7.188	0.600	16.200	16.166	0.034	211.4	300	5.11	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)
1.008_1	0.980	69.3	130.3	1.590	1.610	0.515	0.0	300	0.992
7.000_1	1.077	76.1	5.6	1.200	1.389	0.022	0.0	55	0.636

Pipeline Schedule

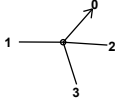
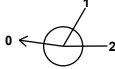
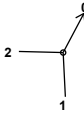
Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.004	5.200	53.1	525	Circular	18.000	16.100	1.375	18.046	16.002	1.519
1.003	1.000	20.0	525	Circular	17.998	16.150	1.323	18.000	16.100	1.375
1.001	48.000	320.0	525	Circular	17.994	16.400	1.069	18.281	16.250	1.506
1.000	43.400	289.3	525	Circular	18.027	16.550	0.952	17.994	16.400	1.069
5.000	1.000	3.8	300	Circular	17.855	16.166	1.389	17.700	15.900	1.500
4.000	37.500	130.7	300	Circular	17.838	16.279	1.259	17.815	15.992	1.523
1.007	35.000	269.2	300	Circular	17.900	15.960	1.640	17.720	15.830	1.590
12.002	28.500	208.0	300	Circular	17.914	15.770	1.844	17.872	15.633	1.939
3.001	43.000	682.5	300	Circular	17.920	16.400	1.220	17.920	16.337	1.283
3.002	9.600	105.5	150	Circular	17.500	16.520	0.830	17.838	16.429	1.259
6.000	2.899	2.4	300	Circular	17.950	17.000	0.650	17.764	15.800	1.664
1.009	6.000	50.0	300	Circular	17.764	15.753	1.711	17.872	15.633	1.939
1.015	5.000	125.0	300	Circular	16.400	15.260	0.840	16.400	15.220	0.880
7.000	10.000	13.6	300	Circular	18.240	17.035	0.905	17.900	16.300	1.300
1.013	38.269	131.1	300	Circular	17.300	15.592	1.408	16.400	15.300	0.800
1.008	1.700	242.9	300	Circular	17.700	15.760	1.640	17.764	15.753	1.711

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.004	Clean Tank 1		Junction		SWMH05	1500	Manhole	Adoptable
1.003	SWMH04	1500	Manhole	Adoptable	Clean Tank 1		Junction	
1.001	SWMH02	1500	Manhole	Adoptable	SWMH03	1500	Manhole	Adoptable
1.000	SWMH01	1500	Manhole	Adoptable	SWMH02	1500	Manhole	Adoptable
5.000	SWMH17	1200	Manhole	Adoptable	Clean Tank 3		Junction	
4.000	SWMH14	1350	Manhole	Adoptable	SWMH15	1200	Manhole	Adoptable
1.007	SWMH06	1500	Manhole	Adoptable	SWMH07	1200	Manhole	Adoptable
12.002	SWMH20	1200	Manhole	Adoptable	SWMH09	1200	Manhole	Adoptable
3.001	PP3a		Junction		SWMH13	1350	Manhole	Adoptable
3.002	PP4		Junction		SWMH14	1350	Manhole	Adoptable
6.000	PP5a		Junction		SWMH08	1500	Manhole	Adoptable
1.009	SWMH08	1500	Manhole	Adoptable	SWMH09	1200	Manhole	Adoptable
1.015	SWMH11	1500	Manhole	Adoptable	Outfall	1200	Manhole	Adoptable
7.000	SWMH22	1350	Manhole	Adoptable	Road Tank 1		Junction	
1.013	SWMH10	1500	Manhole	Adoptable	Access Road Tank		Junction	
1.008	Clean Tank 3		Junction		SWMH08	1500	Manhole	Adoptable

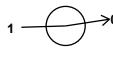
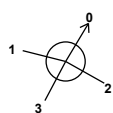
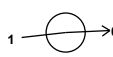
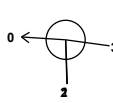
Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)	
1.002	9.500	95.0	525	Circular	18.281	16.250	1.506	17.998	16.150	1.323	
8.001	7.408	127.7	300	Circular	17.920	16.337	1.283	17.838	16.279	1.259	
1.005	10.000	312.5	525	Circular	18.046	16.002	1.519	18.000	15.970	1.505	
1.012	3.500	159.1	300	Circular	16.400	15.300	0.800	16.400	15.278	0.822	
3.001_1	2.500	11.0	150	Circular	17.900	16.227	1.523	18.000	16.000	1.850	
2.000	6.607	12.6	300	Circular	17.900	17.000	0.600	18.281	16.475	1.506	
9.000	9.675	153.6	300	Circular	18.000	16.400	1.300	17.920	16.337	1.283	
1.012_1	8.000	296.3	525	Circular	17.800	15.619	1.656	17.300	15.592	1.183	
12.001	3.500	250.0	300	Circular	17.900	15.784	1.816	17.914	15.770	1.844	
4.000_1	5.000	125.0	100	Circular	18.000	17.350	0.550	17.900	17.310	0.490	
13.000	8.097	40.5	300	Circular	16.400	15.500	0.600	16.400	15.300	0.800	
4.001	6.084	5.4	225	Circular	17.900	17.120	0.555	18.000	15.984	1.791	
3.000	5.626	5.7	150	Circular	17.900	17.259	0.491	17.900	16.277	1.473	
1.007_1	2.200	220.0	300	Circular	18.000	15.970	1.730	17.900	15.960	1.640	
1.011	3.857	296.7	300	Circular	17.872	15.633	1.939	17.800	15.620	1.880	
8.003	13.300	55.6	300	Circular	17.815	15.992	1.523	17.764	15.753	1.711	
5.000_1	2.000	1.9	100	Circular	17.900	17.310	0.490	17.900	16.277	1.523	
1.008_1	10.200	255.0	300	Circular	17.720	15.830	1.590	17.700	15.790	1.610	
7.000_1	7.188	211.4	300	Circular	17.700	16.200	1.200	17.855	16.166	1.389	
Link	US Node		Dia (mm)	Node Type	MH Type		DS Node		Dia (mm)	Node Type	MH Type
1.002	SWMH03		1500	Manhole	Adoptable		SWMH04		1500	Manhole	Adoptable
8.001	SWMH13		1350	Manhole	Adoptable		SWMH14		1350	Manhole	Adoptable
1.005	SWMH05		1500	Manhole	Adoptable		Clean Tank 2			Junction	
1.012	Access Road Tank			Junction			SWMH11		1500	Manhole	Adoptable
3.001_1	SWMH16		1350	Manhole	Adoptable		Clean Tank 2			Junction	
2.000	Roof 4		1200	Manhole	Adoptable		SWMH03		1500	Manhole	Adoptable
9.000	RoofX		1200	Manhole	Adoptable		SWMH13		1350	Manhole	Adoptable
1.012_1	Road Tank 2			Junction			SWMH10		1500	Manhole	Adoptable
12.001	Road Tank 1			Junction			SWMH20		1200	Manhole	Adoptable
4.000_1	Grasscrete1			Junction			SWMH16		1350	Manhole	Adoptable
13.000	Access Road		1200	Manhole	Adoptable		Access Road Tank			Junction	
4.001	PP2b			Junction			Clean Tank 2			Junction	
3.000	Roof 3		1200	Manhole	Adoptable		SWMH16		1350	Manhole	Adoptable
1.007_1	Clean Tank 2			Junction			SWMH06		1500	Manhole	Adoptable
1.011	SWMH09		1200	Manhole	Adoptable		Road Tank 2			Junction	
8.003	SWMH15		1200	Manhole	Adoptable		SWMH08		1500	Manhole	Adoptable
5.000_1	PP2a			Junction			SWMH16		1350	Manhole	Adoptable
1.008_1	SWMH07		1200	Manhole	Adoptable		Clean Tank 3			Junction	
7.000_1	PP5b			Junction			SWMH17		1200	Manhole	Adoptable

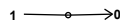
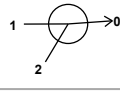
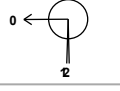
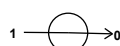
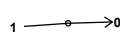
Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
Outfall	138.260	108.039	16.400	1.180	1200	1 	1.015	15.220	300
PP2b	-28.548	79.084	17.900	0.780		0 	4.001	17.120	225
PP3a	97.583	53.368	17.920	1.520		0 	3.001	16.400	300
SWMH04	-17.140	30.046	17.998	1.848	1500	1 	1.002	16.150	525
Roof 3	-8.469	77.697	17.900	0.641	1200	0 	1.003	16.150	525
Clean Tank 2	-23.325	79.056	18.000	2.030		1 	4.001	15.984	225
						2	3.001_1	16.000	150
						3	1.005	15.970	525
						0	1.007_1	15.970	300
SWMH02	28.855	23.571	17.994	1.594	1500	1 	1.000	16.400	525
						0	1.001	16.400	525
SWMH01	66.367	26.336	18.027	1.477	1500	0 	1.000	16.550	525
SWMH17	36.531	79.515	17.855	1.689	1200	1 	7.000_1	16.166	300
						0	5.000	16.166	300
SWMH14	89.558	79.477	17.838	1.559	1350	1 	3.002	16.429	150
						2	8.001	16.279	300
						0	4.000	16.279	300
Clean Tank 3	36.242	85.324	17.700	1.940		1 	5.000	15.900	300
						2	1.008_1	15.790	300
						0	1.008	15.760	300
SWMH20	15.633	99.394	17.914	2.144	1200	1 	12.001	15.770	300
						0	12.002	15.770	300
Grasscrete1	-13.197	47.235	18.000	0.650		0 	4.000_1	17.350	100

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
PP4	93.321	85.942	17.500	0.980			0	3.002	16.520	150
PP5a	29.782	92.382	17.950	0.950			0	6.000	17.000	300
SWMH15	47.142	85.408	17.815	1.823	1200		1	4.000	15.992	300
							0	8.003	15.992	300
SWMH22	1.924	99.411	18.240	1.205	1350		0	7.000	17.035	300
SWMH10	83.844	100.936	17.300	1.708	1500		1	1.012_1	15.592	525
							0	1.013	15.592	300
SWMH06	-17.170	86.039	17.900	1.940	1500		1	1.007_1	15.960	300
							0	1.007	15.960	300
SWMH08	38.780	90.112	17.764	2.011	1500		1	6.000	15.800	300
							2	8.003	15.753	300
							3	1.008	15.753	300
							0	1.009	15.753	300
SWMH03	-14.098	23.759	18.281	2.031	1500		1	2.000	16.475	300
							2	1.001	16.250	525
							0	1.002	16.250	525
Access Road Tank	121.671	106.741	16.400	1.100			1	13.000	15.300	300
							2	1.013	15.300	300
							0	1.012	15.300	300
SWMH05	-17.820	61.817	18.046	2.044	1500		1	1.004	16.002	525
							0	1.005	16.002	525
SWMH11	129.739	107.647	16.400	1.140	1500		1	1.012	15.278	300
							0	1.015	15.260	300
SWMH16	-14.043	78.458	17.900	1.673	1350		1	5.000_1	16.277	100
							2	4.000_1	17.310	100
							3	3.000	16.277	150
							0	3.001_1	16.227	150
Roof 4	-7.570	24.778	17.900	0.900	1200		0	2.000	17.000	300

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
RoofX	96.655	69.854	18.000	1.600	1200				
						0	9.000	16.400	300
Road Tank 1	9.473	99.256	17.900	2.116			1	7.000	16.300
						0	12.001	15.784	300
Access Road	122.676	98.707	16.400	0.900	1200				
						0	13.000	15.500	300
Clean Tank 1	-17.956	43.038	18.000	1.900			1	1.003	16.100
						0	1.004	16.100	525
SWMH09	44.405	99.491	17.872	2.239	1200		1	12.002	15.633
						2	1.009	15.633	300
						0	1.011	15.633	300
SWMH13	96.966	79.524	17.920	1.583	1350		1	9.000	16.337
						2	3.001	16.337	300
						0	8.001	16.337	300
PP2a	-13.168	55.672	17.900	0.590					
						0	5.000_1	17.310	100
SWMH07	20.017	85.727	17.720	1.890	1200		1	1.007	15.830
						0	1.008_1	15.830	300
PP5b	29.644	77.457	17.700	1.500					
						0	7.000_1	16.200	300
Road Tank 2	50.717	99.938	17.800	2.181			1	1.011	15.620
						0	1.012_1	15.619	525

Simulation Settings

Rainfall Methodology	FEH-22	Analysis Speed	Detailed	Starting Level (m)
Rainfall Events	Singular	Skip Steady State	x	Check Discharge Rate(s) x
Summer CV	1.000	Drain Down Time (mins)	240	Check Discharge Volume x
Winter CV	1.000	Additional Storage (m³/ha)	0.0	

Storm Durations

15	60	180	360	600	960	2160	4320	7200	10080
30	120	240	480	720	1440	2880	5760	8640	

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

Node SWMH06 Online Orifice Control

Flap Valve	x	Design Depth (m)	1.960	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Flow (l/s)	12.0		
Invert Level (m)	15.960	Diameter (m)	0.064		

Node SWMH08 Online Orifice Control

Flap Valve	x	Design Depth (m)	1.870	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Flow (l/s)	7.5		
Invert Level (m)	15.753	Diameter (m)	0.051		

Node SWMH11 Online Hydro-Brake® Control

Flap Valve	x	Objective	(HE) Minimise upstream storage
Replaces Downstream Link	x	Sump Available	✓
Invert Level (m)	15.260	Product Number	CTL-SHE-0143-9800-1100-9800
Design Depth (m)	1.100	Min Outlet Diameter (m)	0.225
Design Flow (l/s)	9.8	Min Node Diameter (mm)	1500

Node SWMH10 Online Hydro-Brake® Control

Flap Valve	x	Objective	(HE) Minimise upstream storage
Replaces Downstream Link	x	Sump Available	✓
Invert Level (m)	15.592	Product Number	CTL-SHE-0123-8300-1700-8300
Design Depth (m)	1.700	Min Outlet Diameter (m)	0.150
Design Flow (l/s)	8.3	Min Node Diameter (mm)	1500

Node SWMH20 Online Orifice Control

Flap Valve	x	Design Depth (m)	1.900	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Flow (l/s)	80.0		
Invert Level (m)	15.769	Diameter (m)	0.168		

Node Clean Tank 2 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	15.970
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Time to half empty (mins)	

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	175.0	175.0	1.000	175.0	221.9	1.001	0.0	221.9

Node Clean Tank 3 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	15.760
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Time to half empty (mins)	

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	155.0	155.0	1.100	155.0	203.5	1.101	0.0	203.5

Node Access Road Tank Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	15.300
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Time to half empty (mins)	

Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)
0.000	30.0	30.0	0.500	30.0	39.7	0.501	0.0	39.7

Node PP2b Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	17.120	Slope (1:X)	500.0
Side Inf Coefficient (m/hr)	0.00000	Time to half empty (mins)		Depth (m)	0.500
Safety Factor	2.0	Width (m)	17.200	Inf Depth (m)	
Porosity	0.30	Length (m)	17.200		

Node PP3a Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	17.330	Slope (1:X)	588.0
Side Inf Coefficient (m/hr)	0.00000	Time to half empty (mins)	0	Depth (m)	0.500
Safety Factor	2.0	Width (m)	46.000	Inf Depth (m)	
Porosity	0.30	Length (m)	2.000		

Node PP5a Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	17.360	Slope (1:X)	500.0
Side Inf Coefficient (m/hr)	0.00000	Time to half empty (mins)	0	Depth (m)	0.500
Safety Factor	2.0	Width (m)	7.800	Inf Depth (m)	
Porosity	0.30	Length (m)	7.800		

Node Road Tank 1 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.8	Invert Level (m)	15.784
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Time to half empty (mins)	47

Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)
0.000	95.0	95.0	0.900	95.0	126.1	0.901	0.0	126.1

Node PP4 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	16.532	Slope (1:X)	25.0
Side Inf Coefficient (m/hr)	0.00000	Time to half empty (mins)		Depth (m)	0.500
Safety Factor	2.0	Width (m)	13.200	Inf Depth (m)	
Porosity	0.30	Length (m)	5.100		

Node Road Tank 2 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	15.619
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Time to half empty (mins)	

Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)
0.000	120.0	120.0	0.800	120.0	151.1	0.801	0.0	151.1

Node Clean Tank 1 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	16.100
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Time to half empty (mins)	

Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)
0.000	180.0	180.0	1.000	180.0	227.6	1.001	0.0	227.6	1.900	0.0	227.6

Node PP2a Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	17.310	Slope (1:X)	625.0
Side Inf Coefficient (m/hr)	0.00000	Time to half empty (mins)	184	Depth (m)	0.500
Safety Factor	2.0	Width (m)	61.000	Inf Depth (m)	
Porosity	0.30	Length (m)	1.500		

Node PP5b Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	16.920	Slope (1:X)	500.0
Side Inf Coefficient (m/hr)	0.00000	Time to half empty (mins)		Depth (m)	0.500
Safety Factor	2.0	Width (m)	14.700	Inf Depth (m)	
Porosity	0.30	Length (m)	14.700		

Node Grasscrete1 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	17.350	Slope (1:X)	500.0
Side Inf Coefficient (m/hr)	0.00000	Time to half empty (mins)	0	Depth (m)	
Safety Factor	2.0	Width (m)	12.600	Inf Depth (m)	
Porosity	1.00	Length (m)	30.000		

Other (defaults)

Entry Loss (manhole)	0.250	Entry Loss (junction)	0.000	Apply Recommended Losses	x
Exit Loss (manhole)	0.250	Exit Loss (junction)	0.000	Flood Risk (m)	0.300

Approval Settings

Node Size	✓	Minimum Full Bore Velocity (m/s)	
Node Losses	✓	Maximum Full Bore Velocity (m/s)	3.000
Link Size	✓	Proportional Velocity	✓
Minimum Diameter (mm)	150	Return Period (years)	
Link Length	✓	Minimum Proportional Velocity (m/s)	0.750
Maximum Length (m)	100.000	Maximum Proportional Velocity (m/s)	3.000
Coordinates	✓	Surcharged Depth	✓
Accuracy (m)	1.000	Return Period (years)	
Crossings	✓	Maximum Surcharged Depth (m)	0.100
Cover Depth	✓	Flooding	✓
Minimum Cover Depth (m)		Return Period (years)	30
Maximum Cover Depth (m)	3.000	Time to Half Empty	x
Backdrops	✓	Discharge Rates	✓
Minimum Backdrop Height (m)		Discharge Volume	✓
Maximum Backdrop Height (m)	1.500	100 year 360 minute (m ³)	
Full Bore Velocity	✓		

Rainfall

Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)
100 year +40% CC 15 minute summer	579.145	163.878
100 year +40% CC 15 minute winter	406.418	163.878
100 year +40% CC 30 minute summer	371.937	105.245
100 year +40% CC 30 minute winter	261.009	105.245
100 year +40% CC 60 minute summer	243.426	64.330
100 year +40% CC 60 minute winter	161.727	64.330
100 year +40% CC 120 minute summer	153.606	40.594
100 year +40% CC 120 minute winter	102.052	40.594
100 year +40% CC 180 minute summer	118.834	30.580
100 year +40% CC 180 minute winter	77.245	30.580
100 year +40% CC 240 minute summer	93.847	24.801
100 year +40% CC 240 minute winter	62.350	24.801
100 year +40% CC 360 minute summer	70.682	18.189
100 year +40% CC 360 minute winter	45.945	18.189
100 year +40% CC 480 minute summer	54.658	14.444
100 year +40% CC 480 minute winter	36.313	14.444
100 year +40% CC 600 minute summer	43.914	12.012
100 year +40% CC 600 minute winter	30.005	12.012
100 year +40% CC 720 minute summer	38.422	10.298
100 year +40% CC 720 minute winter	25.822	10.298
100 year +40% CC 960 minute summer	30.495	8.030
100 year +40% CC 960 minute winter	20.200	8.030
100 year +40% CC 1440 minute summer	20.902	5.602
100 year +40% CC 1440 minute winter	14.048	5.602
100 year +40% CC 2160 minute summer	14.052	3.883
100 year +40% CC 2160 minute winter	9.682	3.883
100 year +40% CC 2880 minute summer	11.181	2.997
100 year +40% CC 2880 minute winter	7.514	2.997
100 year +40% CC 4320 minute summer	8.002	2.092
100 year +40% CC 4320 minute winter	5.269	2.092
100 year +40% CC 5760 minute summer	6.376	1.632
100 year +40% CC 5760 minute winter	4.127	1.632
100 year +40% CC 7200 minute summer	5.322	1.358
100 year +40% CC 7200 minute winter	3.435	1.358
100 year +40% CC 8640 minute summer	4.605	1.175
100 year +40% CC 8640 minute winter	2.972	1.175
100 year +40% CC 10080 minute summer	4.095	1.045
100 year +40% CC 10080 minute winter	2.643	1.045

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.28%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	Outfall	316	15.283	0.063	9.8	0.0000	0.0000	OK
360 minute winter	PP2b	344	17.544	0.424	29.5	35.8860	0.0000	SURCHARGED
720 minute winter	PP3a	705	17.381	0.981	3.4	1.2128	0.0000	SURCHARGED
360 minute winter	SWMH04	344	17.544	1.394	71.5	2.4636	0.0000	SURCHARGED
480 minute winter	Roof 3	456	17.543	0.284	4.8	0.3213	0.0000	SURCHARGED
360 minute winter	Clean Tank 2	344	17.544	1.574	60.2	166.3331	0.0000	SURCHARGED
360 minute winter	SWMH02	344	17.544	1.144	40.4	2.0220	0.0000	SURCHARGED
360 minute winter	SWMH01	344	17.544	0.994	18.9	1.7569	0.0000	SURCHARGED
720 minute winter	SWMH17	705	17.381	1.215	18.2	1.3742	0.0000	SURCHARGED
720 minute winter	SWMH14	705	17.381	1.102	6.3	1.5769	0.0000	SURCHARGED
720 minute winter	Clean Tank 3	705	17.381	1.621	13.6	162.0486	0.0000	SURCHARGED
30 minute summer	SWMH20	23	17.611	1.841	83.8	2.0828	0.0000	SURCHARGED
480 minute winter	Grasscrete1	480	17.531	0.181	8.9	56.9357	0.0000	SURCHARGED
720 minute winter	PP4	705	17.381	0.861	1.5	8.0584	0.0000	FLOOD RISK
720 minute winter	PP5a	705	17.381	0.381	0.4	0.2374	0.0000	SURCHARGED
720 minute winter	SWMH15	705	17.381	1.389	5.9	1.5709	0.0000	SURCHARGED
30 minute summer	SWMH22	22	17.697	0.662	218.3	0.9478	0.0000	SURCHARGED
240 minute winter	SWMH10	184	17.106	1.514	9.7	2.6755	0.0000	FLOOD RISK
360 minute winter	SWMH06	344	17.544	1.584	7.4	2.7990	0.0000	SURCHARGED
720 minute winter	SWMH08	705	17.381	1.628	8.5	2.8766	0.0000	SURCHARGED
360 minute winter	SWMH03	344	17.544	1.294	42.7	2.2869	0.0000	SURCHARGED
240 minute winter	Access Road Tank	160	16.400	1.100	16.5	14.2643	0.2401	FLOOD

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	PP2b	4.001	Clean Tank 2	-27.2	1.238	-0.120	0.2420	
720 minute winter	PP3a	3.001	SWMH13	3.4	0.391	0.081	3.0280	
360 minute winter	SWMH04	1.003	Clean Tank 1	96.8	2.262	0.089	0.2160	
480 minute winter	Roof 3	3.000	SWMH16	4.8	1.936	0.064	0.0990	
360 minute winter	Clean Tank 2	1.007_1	SWMH06	7.4	0.236	0.099	0.1549	
360 minute winter	SWMH02	1.001	SWMH03	36.7	0.887	0.136	10.3696	
360 minute winter	SWMH01	1.000	SWMH02	18.3	0.528	0.065	9.3758	
720 minute winter	SWMH17	5.000	Clean Tank 3	-12.4	1.446	-0.021	0.0704	
720 minute winter	SWMH14	4.000	SWMH15	5.9	0.651	0.060	2.6407	
720 minute winter	Clean Tank 3	1.008	SWMH08	4.8	-0.392	0.068	0.1197	
30 minute summer	SWMH20	12.002	SWMH09	74.5	1.159	0.970	2.0070	
480 minute winter	Grasscrete1	4.000_1	SWMH16	-8.8	-1.195	-1.626	0.0391	
720 minute winter	PP4	3.002	SWMH14	-1.3	0.433	-0.076	0.1690	
720 minute winter	PP5a	6.000	SWMH08	0.4	0.388	0.001	0.2041	
720 minute winter	SWMH15	8.003	SWMH08	5.6	0.379	0.038	0.9366	
30 minute summer	SWMH22	7.000	Road Tank 1	218.3	4.384	0.721	0.7042	
240 minute winter	SWMH10	1.013	Access Road Tank	8.9	0.370	0.092	2.6949	
360 minute winter	SWMH06	1.007	SWMH07	7.1	0.495	0.105	2.4647	
720 minute winter	SWMH08	1.009	SWMH09	5.0	0.287	0.032	0.4225	
360 minute winter	SWMH03	1.002	SWMH04	39.8	1.022	0.080	2.0523	
240 minute winter	Access Road Tank	1.012	SWMH11	11.1	0.320	0.126	0.2465	

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.28%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	SWMH05	344	17.544	1.542	56.7	2.7250	0.0000	SURCHARGED
180 minute summer	SWMH11	128	16.400	1.140	10.6	2.0143	0.0000	FLOOD RISK
480 minute winter	SWMH16	456	17.543	1.316	8.9	1.8831	0.0000	SURCHARGED
360 minute winter	Roof 4	344	17.544	0.544	6.1	0.6155	0.0000	SURCHARGED
720 minute winter	RoofX	705	17.381	0.981	1.9	1.1095	0.0000	SURCHARGED
30 minute summer	Road Tank 1	23	17.638	1.854	218.3	81.2701	0.0000	FLOOD RISK
240 minute winter	Access Road	160	16.400	0.900	12.1	1.0179	1.3592	FLOOD
360 minute winter	Clean Tank 1	344	17.544	1.444	96.8	171.0855	0.0000	SURCHARGED
240 minute winter	SWMH09	184	17.107	1.474	28.4	1.6666	0.0000	SURCHARGED
720 minute winter	SWMH13	705	17.381	1.044	5.3	1.4939	0.0000	SURCHARGED
480 minute winter	PP2a	456	17.543	0.233	4.8	5.5544	0.0000	SURCHARGED
720 minute winter	SWMH07	705	17.381	1.551	6.6	1.7543	0.0000	SURCHARGED
720 minute winter	PP5b	705	17.381	1.181	4.9	28.7294	0.0000	SURCHARGED
240 minute winter	Road Tank 2	184	17.106	1.487	28.2	91.2570	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	SWMH05	1.005	Clean Tank 2	58.3	0.786	0.214	2.1603	
180 minute summer	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	200.6
480 minute winter	SWMH16	3.001_1	Clean Tank 2	8.3	1.276	0.155	0.0440	
360 minute winter	Roof 4	2.000	SWMH03	6.1	1.639	0.019	0.4653	
720 minute winter	RoofX	9.000	SWMH13	1.9	0.364	0.021	0.6813	
30 minute summer	Road Tank 1	12.001	SWMH20	83.8	1.190	1.198	0.2465	
240 minute winter	Access Road	13.000	Access Road Tank	8.4	0.928	0.048	0.5702	
360 minute winter	Clean Tank 1	1.004	SWMH05	56.7	0.751	0.085	1.1234	
240 minute winter	SWMH09	1.011	Road Tank 2	28.2	0.634	0.439	0.2716	
720 minute winter	SWMH13	8.001	SWMH14	5.2	0.651	0.053	0.5217	
480 minute winter	PP2a	5.000_1	SWMH16	-4.3	1.826	-0.097	0.0156	
720 minute winter	SWMH07	1.008_1	Clean Tank 3	6.5	0.467	0.094	0.7183	
720 minute winter	PP5b	7.000_1	SWMH17	-4.2	0.538	-0.055	0.5062	
240 minute winter	Road Tank 2	1.012_1	SWMH10	9.7	0.229	0.035	1.7283	

Results for 100 year +40% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	Outfall	18	15.283	0.063	9.8	0.0000	0.0000	OK
15 minute summer	PP2b	11	17.170	0.050	28.4	2.8855	0.0000	OK
15 minute summer	PP3a	11	16.647	0.247	45.4	0.0000	0.0000	OK
15 minute summer	SWMH04	20	16.596	0.446	360.4	0.7879	0.0000	OK
15 minute summer	Roof 3	11	17.388	0.129	45.4	0.1462	0.0000	OK
15 minute summer	Clean Tank 2	21	16.597	0.627	323.7	104.1992	0.0000	SURCHARGED
15 minute summer	SWMH02	11	16.886	0.486	300.9	0.8581	0.0000	OK
15 minute summer	SWMH01	11	16.918	0.368	140.0	0.6495	0.0000	OK
15 minute summer	SWMH17	230	16.285	0.119	51.0	0.1342	0.0000	OK
15 minute summer	SWMH14	11	16.505	0.226	83.1	0.3232	0.0000	OK
15 minute summer	Clean Tank 3	230	16.285	0.525	131.4	77.2510	0.0000	SURCHARGED
15 minute summer	SWMH20	15	16.644	0.874	49.0	0.9885	0.0000	SURCHARGED
15 minute summer	Grasscrete1	17	17.371	0.021	3.8	1.3633	0.0000	OK
15 minute summer	PP4	11	16.585	0.065	6.6	0.1447	0.0000	OK
15 minute summer	PP5a	10	17.019	0.019	5.7	0.0000	0.0000	OK
15 minute summer	SWMH15	232	16.285	0.293	83.1	0.3309	0.0000	OK
15 minute summer	SWMH22	10	17.272	0.237	247.8	0.3397	0.0000	OK
15 minute summer	SWMH10	46	16.122	0.530	11.1	0.9365	0.0000	SURCHARGED
15 minute summer	SWMH06	21	16.597	0.637	8.4	1.1249	0.0000	SURCHARGED
15 minute summer	SWMH08	230	16.285	0.532	87.5	0.9393	0.0000	SURCHARGED
15 minute summer	SWMH03	11	16.646	0.396	340.0	0.6999	0.0000	OK
15 minute summer	Access Road Tank	18	15.641	0.341	38.6	9.7323	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	PP2b	4.001	Clean Tank 2	24.7	2.600	0.109	0.1408	
15 minute summer	PP3a	3.001	SWMH13	43.9	0.736	1.046	2.6112	
15 minute summer	SWMH04	1.003	Clean Tank 1	358.5	4.381	0.330	0.2034	
15 minute summer	Roof 3	3.000	SWMH16	44.9	3.400	0.599	0.0949	
15 minute summer	Clean Tank 2	1.007_1	SWMH06	8.4	0.438	0.112	0.1549	
15 minute summer	SWMH02	1.001	SWMH03	296.6	1.540	1.099	9.2031	
15 minute summer	SWMH01	1.000	SWMH02	134.7	0.775	0.475	8.0323	
15 minute summer	SWMH17	5.000	Clean Tank 3	50.9	4.260	0.088	0.0482	
15 minute summer	SWMH14	4.000	SWMH15	83.1	1.602	0.856	1.9422	
15 minute summer	Clean Tank 3	1.008	SWMH08	-82.6	-1.978	-1.163	0.1197	
15 minute summer	SWMH20	12.002	SWMH09	48.9	1.034	0.637	2.0070	
15 minute summer	Grasscrete1	4.000_1	SWMH16	0.5	0.427	0.092	0.0058	
15 minute summer	PP4	3.002	SWMH14	6.4	0.856	0.371	0.0781	
15 minute summer	PP5a	6.000	SWMH08	5.7	1.765	0.008	0.1030	
15 minute summer	SWMH15	8.003	SWMH08	82.1	1.608	0.550	0.9335	
15 minute summer	SWMH22	7.000	Road Tank 1	247.1	4.455	0.816	0.5533	
15 minute summer	SWMH10	1.013	Access Road Tank	8.3	0.341	0.085	1.5315	
15 minute summer	SWMH06	1.007	SWMH07	7.1	0.533	0.105	2.4647	
15 minute summer	SWMH08	1.009	SWMH09	3.6	0.600	0.023	0.4225	
15 minute summer	SWMH03	1.002	SWMH04	337.8	2.227	0.679	1.6434	
15 minute summer	Access Road Tank	1.012	SWMH11	11.4	0.464	0.130	0.2465	

Results for 100 year +40% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	SWMH05	20	16.595	0.593	240.3	1.0473	0.0000	SURCHARGED
15 minute summer	SWMH11	18	15.641	0.381	11.4	0.6739	0.0000	SURCHARGED
15 minute summer	SWMH16	11	16.934	0.707	76.7	1.0122	0.0000	SURCHARGED
15 minute summer	Roof 4	9	17.079	0.079	45.4	0.0899	0.0000	OK
15 minute summer	RoofX	11	16.578	0.178	25.5	0.2014	0.0000	OK
15 minute summer	Road Tank 1	15	16.657	0.873	247.1	78.7685	0.0000	SURCHARGED
15 minute summer	Access Road	16	15.650	0.150	38.8	0.1694	0.0000	OK
15 minute summer	Clean Tank 1	20	16.596	0.496	358.5	84.8065	0.0000	OK
15 minute summer	SWMH09	46	16.121	0.488	52.4	0.5517	0.0000	SURCHARGED
15 minute summer	SWMH13	11	16.573	0.236	68.8	0.3373	0.0000	OK
15 minute summer	PP2a	11	17.338	0.028	8.5	0.6316	0.0000	OK
15 minute summer	SWMH07	230	16.285	0.455	7.7	0.5143	0.0000	SURCHARGED
15 minute summer	PP5b	10	16.306	0.106	20.8	0.0000	0.0000	OK
15 minute summer	Road Tank 2	47	16.120	0.501	51.8	57.1627	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	SWMH05	1.005	Clean Tank 2	234.2	1.774	0.858	2.1603	
15 minute summer	SWMH11	1.015	Outfall	9.8	0.850	0.098	0.0576	125.6
15 minute summer	SWMH16	3.001_1	Clean Tank 2	73.2	4.157	1.356	0.0440	
15 minute summer	Roof 4	2.000	SWMH03	45.4	2.718	0.144	0.1825	
15 minute summer	RoofX	9.000	SWMH13	24.9	0.703	0.278	0.4981	
15 minute summer	Road Tank 1	12.001	SWMH20	49.0	0.695	0.700	0.2465	
15 minute summer	Access Road	13.000	Access Road Tank	38.4	1.685	0.219	0.4274	
15 minute summer	Clean Tank 1	1.004	SWMH05	240.3	1.663	0.361	1.1112	
15 minute summer	SWMH09	1.011	Road Tank 2	51.8	1.126	0.807	0.2716	
15 minute summer	SWMH13	8.001	SWMH14	68.6	1.179	0.698	0.4307	
15 minute summer	PP2a	5.000_1	SWMH16	7.9	1.855	0.180	0.0097	
15 minute summer	SWMH07	1.008_1	Clean Tank 3	7.3	-0.234	0.105	0.7183	
15 minute summer	PP5b	7.000_1	SWMH17	20.7	1.148	0.272	0.1517	
15 minute summer	Road Tank 2	1.012_1	SWMH10	11.1	0.404	0.040	1.7141	

Results for 100 year +40% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	Outfall	18	15.283	0.063	9.8	0.0000	0.0000	OK
15 minute winter	PP2b	11	17.168	0.048	26.6	2.7502	0.0000	OK
15 minute winter	PP3a	10	16.633	0.233	42.6	0.0000	0.0000	OK
15 minute winter	SWMH04	20	16.597	0.447	337.2	0.7895	0.0000	OK
15 minute winter	Roof 3	11	17.365	0.106	42.6	0.1203	0.0000	OK
15 minute winter	Clean Tank 2	21	16.598	0.628	304.3	104.3240	0.0000	SURCHARGED
15 minute winter	SWMH02	11	16.853	0.453	282.3	0.8006	0.0000	OK
15 minute winter	SWMH01	11	16.883	0.333	131.4	0.5885	0.0000	OK
15 minute winter	SWMH17	231	16.285	0.119	47.8	0.1346	0.0000	OK
15 minute winter	SWMH14	11	16.493	0.214	77.6	0.3068	0.0000	OK
15 minute winter	Clean Tank 3	231	16.285	0.525	122.1	77.3044	0.0000	SURCHARGED
15 minute winter	SWMH20	16	16.644	0.874	49.0	0.9887	0.0000	SURCHARGED
15 minute winter	Grasscrete1	17	17.371	0.021	3.6	1.3695	0.0000	OK
15 minute winter	PP4	10	16.582	0.062	6.2	0.1298	0.0000	OK
15 minute winter	PP5a	10	17.018	0.018	5.3	0.0000	0.0000	OK
15 minute winter	SWMH15	228	16.285	0.293	77.9	0.3313	0.0000	OK
15 minute winter	SWMH22	10	17.259	0.224	232.6	0.3207	0.0000	OK
15 minute winter	SWMH10	45	16.122	0.530	11.2	0.9373	0.0000	SURCHARGED
15 minute winter	SWMH06	21	16.597	0.637	8.4	1.1263	0.0000	SURCHARGED
15 minute winter	SWMH08	230	16.285	0.532	81.9	0.9399	0.0000	SURCHARGED
15 minute winter	SWMH03	11	16.629	0.379	317.6	0.6694	0.0000	OK
15 minute winter	Access Road Tank	17	15.641	0.341	36.2	9.7269	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	PP2b	4.001	Clean Tank 2	23.2	2.700	0.102	0.1400	
15 minute winter	PP3a	3.001	SWMH13	41.2	0.726	0.980	2.4646	
15 minute winter	SWMH04	1.003	Clean Tank 1	335.5	4.422	0.308	0.2038	
15 minute winter	Roof 3	3.000	SWMH16	42.2	3.334	0.563	0.0871	
15 minute winter	Clean Tank 2	1.007_1	SWMH06	8.4	0.458	0.112	0.1549	
15 minute winter	SWMH02	1.001	SWMH03	277.4	1.516	1.028	8.7604	
15 minute winter	SWMH01	1.000	SWMH02	125.5	0.767	0.442	7.4342	
15 minute winter	SWMH17	5.000	Clean Tank 3	47.7	4.200	0.083	0.0482	
15 minute winter	SWMH14	4.000	SWMH15	77.9	1.584	0.802	1.8396	
15 minute winter	Clean Tank 3	1.008	SWMH08	-76.7	-1.943	-1.081	0.1197	
15 minute winter	SWMH20	12.002	SWMH09	48.9	1.033	0.637	2.0070	
15 minute winter	Grasscrete1	4.000_1	SWMH16	0.5	0.427	0.092	0.0058	
15 minute winter	PP4	3.002	SWMH14	6.0	0.872	0.345	0.0678	
15 minute winter	PP5a	6.000	SWMH08	5.3	1.765	0.007	0.1031	
15 minute winter	SWMH15	8.003	SWMH08	76.9	1.557	0.515	0.9337	
15 minute winter	SWMH22	7.000	Road Tank 1	231.8	4.419	0.766	0.5238	
15 minute winter	SWMH10	1.013	Access Road Tank	8.3	0.341	0.085	1.5314	
15 minute winter	SWMH06	1.007	SWMH07	7.1	0.525	0.105	2.4647	
15 minute winter	SWMH08	1.009	SWMH09	3.6	0.599	0.023	0.4225	
15 minute winter	SWMH03	1.002	SWMH04	316.3	2.163	0.636	1.6429	
15 minute winter	Access Road Tank	1.012	SWMH11	11.6	0.469	0.132	0.2465	

Results for 100 year +40% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	SWMH05	20	16.595	0.593	227.2	1.0483	0.0000	SURCHARGED
15 minute winter	SWMH11	17	15.641	0.381	11.6	0.6737	0.0000	SURCHARGED
15 minute winter	SWMH16	11	16.853	0.626	72.1	0.8958	0.0000	SURCHARGED
15 minute winter	Roof 4	9	17.077	0.077	42.6	0.0869	0.0000	OK
15 minute winter	RoofX	11	16.564	0.164	24.0	0.1858	0.0000	OK
15 minute winter	Road Tank 1	16	16.657	0.873	231.8	78.7705	0.0000	SURCHARGED
15 minute winter	Access Road	19	15.652	0.152	36.4	0.1718	0.0000	OK
15 minute winter	Clean Tank 1	20	16.597	0.497	335.5	84.9965	0.0000	OK
15 minute winter	SWMH09	46	16.121	0.488	52.3	0.5519	0.0000	SURCHARGED
15 minute winter	SWMH13	11	16.560	0.223	64.5	0.3185	0.0000	OK
15 minute winter	PP2a	11	17.337	0.027	8.0	0.6044	0.0000	OK
15 minute winter	SWMH07	229	16.285	0.455	7.2	0.5148	0.0000	SURCHARGED
15 minute winter	PP5b	10	16.302	0.102	19.5	0.0000	0.0000	OK
15 minute winter	Road Tank 2	46	16.121	0.502	51.9	57.1923	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	SWMH05	1.005	Clean Tank 2	221.3	1.717	0.811	2.1603	
15 minute winter	SWMH11	1.015	Outfall	9.8	0.850	0.098	0.0576	125.7
15 minute winter	SWMH16	3.001_1	Clean Tank 2	68.2	3.875	1.264	0.0440	
15 minute winter	Roof 4	2.000	SWMH03	42.6	2.682	0.135	0.1630	
15 minute winter	RoofX	9.000	SWMH13	23.3	0.693	0.261	0.4621	
15 minute winter	Road Tank 1	12.001	SWMH20	49.0	0.696	0.700	0.2465	
15 minute winter	Access Road	13.000	Access Road Tank	36.0	1.706	0.206	0.4300	
15 minute winter	Clean Tank 1	1.004	SWMH05	227.2	1.590	0.341	1.1119	
15 minute winter	SWMH09	1.011	Road Tank 2	51.9	1.126	0.809	0.2716	
15 minute winter	SWMH13	8.001	SWMH14	64.1	1.167	0.653	0.4071	
15 minute winter	PP2a	5.000_1	SWMH16	7.6	1.633	0.173	0.0096	
15 minute winter	SWMH07	1.008_1	Clean Tank 3	7.2	-0.197	0.103	0.7183	
15 minute winter	PP5b	7.000_1	SWMH17	19.4	1.130	0.255	0.1525	
15 minute winter	Road Tank 2	1.012_1	SWMH10	11.2	0.398	0.040	1.7143	

Results for 100 year +40% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	Outfall	67	15.283	0.063	9.8	0.0000	0.0000	OK
30 minute summer	PP2b	19	17.168	0.048	25.0	2.7043	0.0000	OK
30 minute summer	PP3a	18	16.627	0.227	40.0	0.0000	0.0000	OK
30 minute summer	SWMH04	35	16.735	0.585	322.1	1.0339	0.0000	SURCHARGED
30 minute summer	Roof 3	18	17.370	0.111	40.0	0.1260	0.0000	OK
30 minute summer	Clean Tank 2	35	16.736	0.766	272.3	127.2887	0.0000	SURCHARGED
30 minute summer	SWMH02	18	16.839	0.439	269.1	0.7752	0.0000	OK
30 minute summer	SWMH01	18	16.867	0.317	123.3	0.5601	0.0000	OK
30 minute summer	SWMH17	253	16.412	0.246	45.0	0.2779	0.0000	OK
30 minute summer	SWMH14	18	16.486	0.207	74.4	0.2960	0.0000	OK
30 minute summer	Clean Tank 3	250	16.412	0.652	118.4	95.9605	0.0000	SURCHARGED
30 minute summer	SWMH20	23	17.611	1.841	83.8	2.0828	0.0000	SURCHARGED
30 minute summer	Grasscrete1	26	17.372	0.022	3.3	1.5734	0.0000	OK
30 minute summer	PP4	18	16.581	0.061	5.8	0.1243	0.0000	OK
30 minute summer	PP5a	18	17.018	0.018	5.0	0.0000	0.0000	OK
30 minute summer	SWMH15	252	16.412	0.420	73.7	0.4746	0.0000	SURCHARGED
30 minute summer	SWMH22	22	17.697	0.662	218.3	0.9478	0.0000	SURCHARGED
30 minute summer	SWMH10	56	16.258	0.666	9.3	1.1765	0.0000	SURCHARGED
30 minute summer	SWMH06	35	16.736	0.775	8.1	1.3703	0.0000	SURCHARGED
30 minute summer	SWMH08	251	16.412	0.659	79.3	1.1638	0.0000	SURCHARGED
30 minute summer	SWMH03	34	16.735	0.485	305.7	0.8567	0.0000	OK
30 minute summer	Access Road Tank	33	15.732	0.432	37.7	12.3061	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	PP2b	4.001	Clean Tank 2	22.7	2.095	0.100	0.1397	
30 minute summer	PP3a	3.001	SWMH13	39.7	0.719	0.945	2.3887	
30 minute summer	SWMH04	1.003	Clean Tank 1	319.9	3.909	0.294	0.2160	
30 minute summer	Roof 3	3.000	SWMH16	39.7	3.373	0.530	0.0890	
30 minute summer	Clean Tank 2	1.007_1	SWMH06	8.1	0.379	0.109	0.1549	
30 minute summer	SWMH02	1.001	SWMH03	265.6	1.488	0.984	8.5398	
30 minute summer	SWMH01	1.000	SWMH02	120.8	0.761	0.425	7.1407	
30 minute summer	SWMH17	5.000	Clean Tank 3	45.0	4.138	0.078	0.0661	
30 minute summer	SWMH14	4.000	SWMH15	73.7	1.599	0.759	1.8835	
30 minute summer	Clean Tank 3	1.008	SWMH08	-75.0	-1.307	-1.057	0.1197	
30 minute summer	SWMH20	12.002	SWMH09	74.5	1.159	0.970	2.0070	
30 minute summer	Grasscrete1	4.000_1	SWMH16	0.6	0.444	0.106	0.0064	
30 minute summer	PP4	3.002	SWMH14	5.7	0.868	0.332	0.0635	
30 minute summer	PP5a	6.000	SWMH08	5.0	1.558	0.007	0.1039	
30 minute summer	SWMH15	8.003	SWMH08	74.8	1.349	0.501	0.9366	
30 minute summer	SWMH22	7.000	Road Tank 1	218.3	4.384	0.721	0.7042	
30 minute summer	SWMH10	1.013	Access Road Tank	8.5	0.337	0.088	1.9696	
30 minute summer	SWMH06	1.007	SWMH07	7.8	0.499	0.116	2.4647	
30 minute summer	SWMH08	1.009	SWMH09	3.7	0.578	0.024	0.4225	
30 minute summer	SWMH03	1.002	SWMH04	301.3	2.050	0.606	2.0163	
30 minute summer	Access Road Tank	1.012	SWMH11	11.3	0.418	0.129	0.2465	

Results for 100 year +40% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	SWMH05	35	16.735	0.733	191.7	1.2959	0.0000	SURCHARGED
30 minute summer	SWMH11	33	15.731	0.471	11.3	0.8328	0.0000	SURCHARGED
30 minute summer	SWMH16	19	16.954	0.727	68.2	1.0398	0.0000	SURCHARGED
30 minute summer	Roof 4	16	17.075	0.075	40.0	0.0848	0.0000	OK
30 minute summer	RoofX	18	16.556	0.156	22.5	0.1767	0.0000	OK
30 minute summer	Road Tank 1	23	17.638	1.854	218.3	81.2701	0.0000	FLOOD RISK
30 minute summer	Access Road	33	15.731	0.231	34.2	0.2607	0.0000	OK
30 minute summer	Clean Tank 1	35	16.735	0.635	319.9	108.6213	0.0000	SURCHARGED
30 minute summer	SWMH09	56	16.258	0.625	76.1	0.7070	0.0000	SURCHARGED
30 minute summer	SWMH13	18	16.552	0.215	62.0	0.3070	0.0000	OK
30 minute summer	PP2a	18	17.337	0.027	7.5	0.5916	0.0000	OK
30 minute summer	SWMH07	250	16.412	0.582	10.0	0.6580	0.0000	SURCHARGED
30 minute summer	PP5b	253	16.412	0.212	18.3	0.0000	0.0000	OK
30 minute summer	Road Tank 2	56	16.258	0.639	73.3	72.8266	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	SWMH05	1.005	Clean Tank 2	185.2	1.304	0.678	2.1603	
30 minute summer	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	138.8
30 minute summer	SWMH16	3.001_1	Clean Tank 2	65.4	3.712	1.211	0.0440	
30 minute summer	Roof 4	2.000	SWMH03	40.0	2.597	0.127	0.2184	
30 minute summer	RoofX	9.000	SWMH13	22.3	0.606	0.249	0.4402	
30 minute summer	Road Tank 1	12.001	SWMH20	83.8	1.190	1.198	0.2465	
30 minute summer	Access Road	13.000	Access Road Tank	34.5	1.512	0.197	0.5203	
30 minute summer	Clean Tank 1	1.004	SWMH05	191.7	1.354	0.288	1.1234	
30 minute summer	SWMH09	1.011	Road Tank 2	73.3	1.274	1.143	0.2716	
30 minute summer	SWMH13	8.001	SWMH14	61.2	1.157	0.623	0.3916	
30 minute summer	PP2a	5.000_1	SWMH16	7.3	2.517	0.166	0.0095	
30 minute summer	SWMH07	1.008_1	Clean Tank 3	-10.0	0.369	-0.145	0.7183	
30 minute summer	PP5b	7.000_1	SWMH17	18.3	1.117	0.240	0.4132	
30 minute summer	Road Tank 2	1.012_1	SWMH10	9.3	0.321	0.033	1.7283	

Results for 100 year +40% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	Outfall	66	15.283	0.063	9.8	0.0000	0.0000	OK
30 minute winter	PP2b	19	17.164	0.044	20.2	2.3432	0.0000	OK
30 minute winter	PP3a	18	16.595	0.195	32.3	0.0000	0.0000	OK
30 minute winter	SWMH04	34	16.736	0.586	262.6	1.0357	0.0000	SURCHARGED
30 minute winter	Roof 3	18	17.339	0.080	32.3	0.0900	0.0000	OK
30 minute winter	Clean Tank 2	35	16.736	0.766	227.1	127.3724	0.0000	SURCHARGED
30 minute winter	SWMH02	18	16.773	0.373	218.4	0.6584	0.0000	OK
30 minute winter	SWMH01	18	16.799	0.249	99.6	0.4400	0.0000	OK
30 minute winter	SWMH17	249	16.412	0.246	36.3	0.2781	0.0000	OK
30 minute winter	SWMH14	18	16.459	0.180	60.6	0.2579	0.0000	OK
30 minute winter	Clean Tank 3	251	16.412	0.652	98.6	95.9874	0.0000	SURCHARGED
30 minute winter	SWMH20	24	17.434	1.664	83.7	1.8827	0.0000	SURCHARGED
30 minute winter	Grasscrete1	27	17.372	0.022	2.7	1.5647	0.0000	OK
30 minute winter	PP4	18	16.575	0.055	4.7	0.0938	0.0000	OK
30 minute winter	PP5a	18	17.016	0.016	4.0	0.0000	0.0000	OK
30 minute winter	SWMH15	253	16.412	0.420	60.3	0.4749	0.0000	SURCHARGED
30 minute winter	SWMH22	24	17.509	0.474	176.3	0.6777	0.0000	SURCHARGED
30 minute winter	SWMH10	56	16.258	0.666	9.5	1.1765	0.0000	SURCHARGED
30 minute winter	SWMH06	35	16.736	0.776	7.6	1.3712	0.0000	SURCHARGED
30 minute winter	SWMH08	250	16.412	0.659	65.4	1.1641	0.0000	SURCHARGED
30 minute winter	SWMH03	34	16.735	0.485	248.9	0.8577	0.0000	OK
30 minute winter	Access Road Tank	32	15.731	0.431	31.4	12.2881	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	PP2b	4.001	Clean Tank 2	18.9	2.158	0.083	0.1374	
30 minute winter	PP3a	3.001	SWMH13	32.2	0.686	0.767	2.0214	
30 minute winter	SWMH04	1.003	Clean Tank 1	260.9	3.985	0.240	0.2160	
30 minute winter	Roof 3	3.000	SWMH16	32.2	3.306	0.430	0.0762	
30 minute winter	Clean Tank 2	1.007_1	SWMH06	7.6	0.388	0.101	0.1549	
30 minute winter	SWMH02	1.001	SWMH03	216.6	1.422	0.803	8.5048	
30 minute winter	SWMH01	1.000	SWMH02	98.6	0.756	0.347	5.7446	
30 minute winter	SWMH17	5.000	Clean Tank 3	36.3	3.896	0.063	0.0661	
30 minute winter	SWMH14	4.000	SWMH15	60.3	1.604	0.621	1.8846	
30 minute winter	Clean Tank 3	1.008	SWMH08	-61.0	-1.365	-0.859	0.1197	
30 minute winter	SWMH20	12.002	SWMH09	69.6	1.095	0.907	2.0070	
30 minute winter	Grasscrete1	4.000_1	SWMH16	0.6	0.444	0.105	0.0064	
30 minute winter	PP4	3.002	SWMH14	4.7	0.822	0.271	0.0546	
30 minute winter	PP5a	6.000	SWMH08	4.0	1.558	0.006	0.1037	
30 minute winter	SWMH15	8.003	SWMH08	61.6	1.284	0.412	0.9366	
30 minute winter	SWMH22	7.000	Road Tank 1	176.3	4.214	0.582	0.7042	
30 minute winter	SWMH10	1.013	Access Road Tank	8.5	0.337	0.088	1.9698	
30 minute winter	SWMH06	1.007	SWMH07	7.0	0.493	0.104	2.4647	
30 minute winter	SWMH08	1.009	SWMH09	3.7	0.595	0.024	0.4225	
30 minute winter	SWMH03	1.002	SWMH04	245.8	1.926	0.494	2.0171	
30 minute winter	Access Road Tank	1.012	SWMH11	10.7	0.419	0.121	0.2465	

Results for 100 year +40% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	SWMH05	34	16.736	0.734	161.2	1.2969	0.0000	SURCHARGED
30 minute winter	SWMH11	32	15.731	0.471	10.7	0.8316	0.0000	SURCHARGED
30 minute winter	SWMH16	19	16.795	0.568	55.3	0.8134	0.0000	SURCHARGED
30 minute winter	Roof 4	16	17.069	0.069	32.3	0.0786	0.0000	OK
30 minute winter	RoofX	18	16.525	0.125	18.2	0.1412	0.0000	OK
30 minute winter	Road Tank 1	24	17.460	1.676	176.3	81.2701	0.0000	SURCHARGED
30 minute winter	Access Road	32	15.731	0.231	27.6	0.2617	0.0000	OK
30 minute winter	Clean Tank 1	34	16.736	0.636	260.9	108.7871	0.0000	SURCHARGED
30 minute winter	SWMH09	56	16.258	0.625	71.8	0.7070	0.0000	SURCHARGED
30 minute winter	SWMH13	18	16.521	0.184	50.3	0.2639	0.0000	OK
30 minute winter	PP2a	18	17.334	0.024	6.1	0.5320	0.0000	OK
30 minute winter	SWMH07	251	16.412	0.582	7.0	0.6583	0.0000	SURCHARGED
30 minute winter	PP5b	249	16.412	0.212	14.8	0.0000	0.0000	OK
30 minute winter	Road Tank 2	56	16.258	0.639	69.5	72.8243	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	SWMH05	1.005	Clean Tank 2	155.8	1.335	0.571	2.1603	
30 minute winter	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	138.9
30 minute winter	SWMH16	3.001_1	Clean Tank 2	53.0	3.012	0.983	0.0440	
30 minute winter	Roof 4	2.000	SWMH03	32.3	2.568	0.103	0.2182	
30 minute winter	RoofX	9.000	SWMH13	18.1	0.580	0.203	0.3538	
30 minute winter	Road Tank 1	12.001	SWMH20	83.7	1.189	1.197	0.2465	
30 minute winter	Access Road	13.000	Access Road Tank	27.6	1.528	0.158	0.5212	
30 minute winter	Clean Tank 1	1.004	SWMH05	161.2	1.381	0.242	1.1234	
30 minute winter	SWMH09	1.011	Road Tank 2	69.5	1.144	1.084	0.2716	
30 minute winter	SWMH13	8.001	SWMH14	49.9	1.113	0.508	0.3319	
30 minute winter	PP2a	5.000_1	SWMH16	6.0	2.455	0.136	0.0093	
30 minute winter	SWMH07	1.008_1	Clean Tank 3	7.0	0.335	0.101	0.7183	
30 minute winter	PP5b	7.000_1	SWMH17	14.8	1.068	0.194	0.4135	
30 minute winter	Road Tank 2	1.012_1	SWMH10	9.5	0.334	0.034	1.7283	

Results for 100 year +40% CC 60 minute summer. 300 minute analysis at 1 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
60 minute summer	Outfall	151	15.283	0.063	9.8	0.0000	0.0000	OK
60 minute summer	PP2b	34	17.162	0.042	18.2	2.1540	0.0000	OK
60 minute summer	PP3a	33	16.583	0.183	29.1	0.0000	0.0000	OK
60 minute summer	SWMH04	64	16.873	0.723	234.2	1.2769	0.0000	SURCHARGED
60 minute summer	Roof 3	33	17.334	0.075	29.1	0.0843	0.0000	OK
60 minute summer	Clean Tank 2	65	16.873	0.903	207.7	150.0938	0.0000	SURCHARGED
60 minute summer	SWMH02	67	16.873	0.473	196.8	0.8353	0.0000	OK
60 minute summer	SWMH01	67	16.873	0.323	89.8	0.5709	0.0000	OK
60 minute summer	SWMH17	278	16.536	0.370	32.8	0.4180	0.0000	SURCHARGED
60 minute summer	SWMH14	278	16.536	0.257	54.6	0.3671	0.0000	OK
60 minute summer	Clean Tank 3	280	16.536	0.776	86.1	114.2069	0.0000	SURCHARGED
60 minute summer	SWMH20	39	17.395	1.625	68.2	1.8388	0.0000	SURCHARGED
60 minute summer	Grasscrete1	43	17.373	0.023	2.4	1.6642	0.0000	OK
60 minute summer	PP4	33	16.571	0.051	4.2	0.0805	0.0000	OK
60 minute summer	PP5a	33	17.015	0.015	3.6	0.0000	0.0000	OK
60 minute summer	SWMH15	283	16.536	0.544	54.4	0.6148	0.0000	SURCHARGED
60 minute summer	SWMH22	39	17.473	0.438	159.0	0.6268	0.0000	SURCHARGED
60 minute summer	SWMH10	75	16.385	0.793	9.3	1.4006	0.0000	SURCHARGED
60 minute summer	SWMH06	65	16.873	0.913	7.5	1.6127	0.0000	SURCHARGED
60 minute summer	SWMH08	279	16.536	0.783	57.7	1.3828	0.0000	SURCHARGED
60 minute summer	SWMH03	64	16.872	0.622	224.4	1.0997	0.0000	SURCHARGED
60 minute summer	Access Road Tank	64	15.997	0.697	31.4	14.2643	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	PP2b	4.001	Clean Tank 2	17.0	1.750	0.075	0.1363	
60 minute summer	PP3a	3.001	SWMH13	29.0	0.670	0.691	1.8644	
60 minute summer	SWMH04	1.003	Clean Tank 1	230.8	3.489	0.212	0.2160	
60 minute summer	Roof 3	3.000	SWMH16	29.0	3.005	0.388	0.0741	
60 minute summer	Clean Tank 2	1.007_1	SWMH06	7.5	0.327	0.101	0.1549	
60 minute summer	SWMH02	1.001	SWMH03	195.3	1.332	0.724	10.1009	
60 minute summer	SWMH01	1.000	SWMH02	88.8	0.750	0.313	7.4696	
60 minute summer	SWMH17	5.000	Clean Tank 3	45.1	3.577	0.078	0.0704	
60 minute summer	SWMH14	4.000	SWMH15	54.4	1.588	0.561	2.5233	
60 minute summer	Clean Tank 3	1.008	SWMH08	-53.4	-1.038	-0.753	0.1197	
60 minute summer	SWMH20	12.002	SWMH09	66.9	0.950	0.871	2.0070	
60 minute summer	Grasscrete1	4.000_1	SWMH16	0.6	0.451	0.112	0.0067	
60 minute summer	PP4	3.002	SWMH14	4.2	0.798	0.242	0.0689	
60 minute summer	PP5a	6.000	SWMH08	3.6	1.413	0.005	0.1039	
60 minute summer	SWMH15	8.003	SWMH08	54.1	1.010	0.362	0.9366	
60 minute summer	SWMH22	7.000	Road Tank 1	159.2	4.117	0.526	0.7042	
60 minute summer	SWMH10	1.013	Access Road Tank	8.9	0.335	0.092	2.6949	
60 minute summer	SWMH06	1.007	SWMH07	6.8	0.511	0.101	2.4647	
60 minute summer	SWMH08	1.009	SWMH09	3.8	0.533	0.024	0.4225	
60 minute summer	SWMH03	1.002	SWMH04	219.0	1.761	0.440	2.0523	
60 minute summer	Access Road Tank	1.012	SWMH11	10.8	0.400	0.123	0.2465	

Results for 100 year +40% CC 60 minute summer. 300 minute analysis at 1 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
60 minute summer	SWMH05	64	16.873	0.871	153.6	1.5383	0.0000	SURCHARGED
60 minute summer	SWMH11	64	15.996	0.736	10.8	1.3009	0.0000	SURCHARGED
60 minute summer	SWMH16	65	16.873	0.646	50.0	0.9241	0.0000	SURCHARGED
60 minute summer	Roof 4	31	17.066	0.066	29.1	0.0747	0.0000	OK
60 minute summer	RoofX	283	16.536	0.136	16.4	0.1534	0.0000	OK
60 minute summer	Road Tank 1	39	17.421	1.637	159.2	81.2701	0.0000	SURCHARGED
60 minute summer	Access Road	64	15.997	0.497	24.9	0.5616	0.0000	SURCHARGED
60 minute summer	Clean Tank 1	64	16.873	0.773	230.8	132.1217	0.0000	SURCHARGED
60 minute summer	SWMH09	75	16.385	0.752	69.1	0.8506	0.0000	SURCHARGED
60 minute summer	SWMH13	278	16.536	0.199	45.4	0.2842	0.0000	OK
60 minute summer	PP2a	33	17.333	0.023	5.5	0.5036	0.0000	OK
60 minute summer	SWMH07	279	16.536	0.706	6.8	0.7982	0.0000	SURCHARGED
60 minute summer	PP5b	278	16.536	0.336	13.4	0.0000	0.0000	SURCHARGED
60 minute summer	Road Tank 2	75	16.385	0.766	68.6	87.2911	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	SWMH05	1.005	Clean Tank 2	145.7	1.149	0.533	2.1603	
60 minute summer	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	154.9
60 minute summer	SWMH16	3.001_1	Clean Tank 2	48.7	2.768	0.903	0.0440	
60 minute summer	Roof 4	2.000	SWMH03	29.2	2.539	0.093	0.2438	
60 minute summer	RoofX	9.000	SWMH13	16.3	0.534	0.182	0.3889	
60 minute summer	Road Tank 1	12.001	SWMH20	68.2	0.969	0.975	0.2465	
60 minute summer	Access Road	13.000	Access Road Tank	24.8	1.362	0.142	0.5702	
60 minute summer	Clean Tank 1	1.004	SWMH05	153.6	1.055	0.230	1.1234	
60 minute summer	SWMH09	1.011	Road Tank 2	68.6	0.974	1.070	0.2716	
60 minute summer	SWMH13	8.001	SWMH14	45.0	1.084	0.458	0.4209	
60 minute summer	PP2a	5.000_1	SWMH16	5.4	2.514	0.123	0.0092	
60 minute summer	SWMH07	1.008_1	Clean Tank 3	6.7	0.459	0.097	0.7183	
60 minute summer	PP5b	7.000_1	SWMH17	13.4	1.069	0.176	0.5062	
60 minute summer	Road Tank 2	1.012_1	SWMH10	9.3	0.284	0.033	1.7283	

Results for 100 year +40% CC 60 minute winter. 300 minute analysis at 1 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
60 minute winter	Outfall	144	15.283	0.063	9.8	0.0000	0.0000	OK
60 minute winter	PP2b	34	17.156	0.036	13.2	1.6725	0.0000	OK
60 minute winter	PP3a	33	16.550	0.150	21.0	0.0000	0.0000	OK
60 minute winter	SWMH04	63	16.873	0.723	171.2	1.2781	0.0000	SURCHARGED
60 minute winter	Roof 3	33	17.313	0.054	21.0	0.0613	0.0000	OK
60 minute winter	Clean Tank 2	63	16.873	0.903	161.0	150.1789	0.0000	SURCHARGED
60 minute winter	SWMH02	65	16.872	0.472	142.8	0.8348	0.0000	OK
60 minute winter	SWMH01	66	16.873	0.323	64.9	0.5702	0.0000	OK
60 minute winter	SWMH17	278	16.535	0.369	34.9	0.4179	0.0000	SURCHARGED
60 minute winter	SWMH14	280	16.535	0.256	39.7	0.3670	0.0000	OK
60 minute winter	Clean Tank 3	281	16.535	0.775	65.4	114.1868	0.0000	SURCHARGED
60 minute winter	SWMH20	43	16.941	1.171	55.3	1.3252	0.0000	SURCHARGED
60 minute winter	Grasscrete1	46	17.373	0.023	1.8	1.6174	0.0000	OK
60 minute winter	PP4	33	16.564	0.044	3.1	0.0530	0.0000	OK
60 minute winter	PP5a	32	17.013	0.013	2.6	0.0000	0.0000	OK
60 minute winter	SWMH15	280	16.535	0.543	39.7	0.6146	0.0000	SURCHARGED
60 minute winter	SWMH22	33	17.173	0.138	114.9	0.1975	0.0000	OK
60 minute winter	SWMH10	76	16.383	0.791	9.1	1.3974	0.0000	SURCHARGED
60 minute winter	SWMH06	63	16.873	0.913	7.0	1.6136	0.0000	SURCHARGED
60 minute winter	SWMH08	278	16.535	0.782	42.3	1.3825	0.0000	SURCHARGED
60 minute winter	SWMH03	63	16.873	0.623	163.1	1.1011	0.0000	SURCHARGED
60 minute winter	Access Road Tank	62	15.953	0.653	26.8	14.2643	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	PP2b	4.001	Clean Tank 2	12.7	1.830	0.056	0.1334	
60 minute winter	PP3a	3.001	SWMH13	21.0	0.622	0.500	1.7267	
60 minute winter	SWMH04	1.003	Clean Tank 1	169.2	3.482	0.156	0.2160	
60 minute winter	Roof 3	3.000	SWMH16	21.0	3.044	0.280	0.0657	
60 minute winter	Clean Tank 2	1.007_1	SWMH06	7.0	0.339	0.094	0.1549	
60 minute winter	SWMH02	1.001	SWMH03	142.0	1.253	0.526	10.0988	
60 minute winter	SWMH01	1.000	SWMH02	64.8	0.729	0.228	7.4617	
60 minute winter	SWMH17	5.000	Clean Tank 3	31.1	3.366	0.054	0.0704	
60 minute winter	SWMH14	4.000	SWMH15	39.7	1.467	0.408	2.5229	
60 minute winter	Clean Tank 3	1.008	SWMH08	-38.4	-1.094	-0.541	0.1197	
60 minute winter	SWMH20	12.002	SWMH09	53.0	0.915	0.690	2.0070	
60 minute winter	Grasscrete1	4.000_1	SWMH16	0.6	0.448	0.109	0.0066	
60 minute winter	PP4	3.002	SWMH14	3.1	0.735	0.179	0.0688	
60 minute winter	PP5a	6.000	SWMH08	2.6	1.413	0.004	0.1035	
60 minute winter	SWMH15	8.003	SWMH08	39.7	0.903	0.266	0.9366	
60 minute winter	SWMH22	7.000	Road Tank 1	114.9	3.831	0.379	0.4732	
60 minute winter	SWMH10	1.013	Access Road Tank	8.9	0.336	0.092	2.6949	
60 minute winter	SWMH06	1.007	SWMH07	5.9	0.510	0.087	2.4647	
60 minute winter	SWMH08	1.009	SWMH09	3.8	0.534	0.024	0.4225	
60 minute winter	SWMH03	1.002	SWMH04	160.5	1.671	0.323	2.0523	
60 minute winter	Access Road Tank	1.012	SWMH11	10.7	0.406	0.121	0.2465	

Results for 100 year +40% CC 60 minute winter. 300 minute analysis at 1 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
60 minute winter	SWMH05	63	16.873	0.871	115.3	1.5396	0.0000	SURCHARGED
60 minute winter	SWMH11	62	15.952	0.692	10.7	1.2230	0.0000	SURCHARGED
60 minute winter	SWMH16	63	16.873	0.646	36.3	0.9251	0.0000	SURCHARGED
60 minute winter	Roof 4	32	17.057	0.057	21.0	0.0644	0.0000	OK
60 minute winter	RoofX	277	16.535	0.135	11.8	0.1532	0.0000	OK
60 minute winter	Road Tank 1	43	16.957	1.173	114.9	81.2701	0.0000	SURCHARGED
60 minute winter	Access Road	62	15.953	0.453	18.0	0.5118	0.0000	SURCHARGED
60 minute winter	Clean Tank 1	63	16.873	0.773	196.5	132.2399	0.0000	SURCHARGED
60 minute winter	SWMH09	76	16.383	0.750	55.1	0.8484	0.0000	SURCHARGED
60 minute winter	SWMH13	277	16.535	0.198	32.8	0.2840	0.0000	OK
60 minute winter	PP2a	34	17.329	0.019	3.9	0.4246	0.0000	OK
60 minute winter	SWMH07	279	16.536	0.706	5.9	0.7981	0.0000	SURCHARGED
60 minute winter	PP5b	278	16.536	0.336	9.6	0.0000	0.0000	SURCHARGED
60 minute winter	Road Tank 2	76	16.383	0.764	54.7	87.0787	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	SWMH05	1.005	Clean Tank 2	116.1	1.166	0.425	2.1603	
60 minute winter	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	155.3
60 minute winter	SWMH16	3.001_1	Clean Tank 2	35.7	2.080	0.661	0.0440	
60 minute winter	Roof 4	2.000	SWMH03	21.1	2.403	0.067	0.2456	
60 minute winter	RoofX	9.000	SWMH13	11.8	0.512	0.132	0.3886	
60 minute winter	Road Tank 1	12.001	SWMH20	55.3	0.786	0.791	0.2465	
60 minute winter	Access Road	13.000	Access Road Tank	19.7	1.345	0.112	0.5702	
60 minute winter	Clean Tank 1	1.004	SWMH05	115.3	1.091	0.173	1.1234	
60 minute winter	SWMH09	1.011	Road Tank 2	54.7	0.957	0.852	0.2716	
60 minute winter	SWMH13	8.001	SWMH14	32.7	1.024	0.333	0.4207	
60 minute winter	PP2a	5.000_1	SWMH16	3.9	2.565	0.088	0.0089	
60 minute winter	SWMH07	1.008_1	Clean Tank 3	5.8	0.459	0.084	0.7183	
60 minute winter	PP5b	7.000_1	SWMH17	9.6	1.045	0.126	0.5062	
60 minute winter	Road Tank 2	1.012_1	SWMH10	9.1	0.292	0.032	1.7283	

Results for 100 year +40% CC 120 minute summer. 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 summer	Outfall	316	15.283	0.063	9.8	0.0000	0.0000	OK
120 minute summer	PP2b	124	17.221	0.101	14.8	7.4074	0.0000	OK
120 minute summer	PP3a	302	16.743	0.343	19.6	0.0000	0.0000	SURCHARGED
120 minute summer	SWMH04	136	17.232	1.082	152.3	1.9116	0.0000	SURCHARGED
120 minute summer	Roof 3	64	17.312	0.053	19.6	0.0601	0.0000	OK
120 minute summer	Clean Tank 2	136	17.221	1.251	151.6	166.3331	0.0000	SURCHARGED
120 minute summer	SWMH02	136	17.233	0.833	133.0	1.4720	0.0000	SURCHARGED
120 minute summer	SWMH01	136	17.232	0.682	60.4	1.2057	0.0000	SURCHARGED
120 minute summer	SWMH17	296	16.743	0.577	35.6	0.6526	0.0000	SURCHARGED
120 minute summer	SWMH14	296	16.743	0.464	37.4	0.6641	0.0000	SURCHARGED
120 minute summer	Clean Tank 3	296	16.743	0.983	84.9	144.7558	0.0000	SURCHARGED
120 minute summer	SWMH20	74	16.956	1.186	51.1	1.3416	0.0000	SURCHARGED
120 minute summer	Grasscrete1	78	17.373	0.023	1.6	1.6821	0.0000	OK
120 minute summer	PP4	294	16.743	0.223	2.9	2.2132	0.0000	SURCHARGED
120 minute summer	PP5a	64	17.013	0.013	2.4	0.0000	0.0000	OK
120 minute summer	SWMH15	296	16.743	0.751	38.0	0.8494	0.0000	SURCHARGED
120 minute summer	SWMH22	62	17.167	0.132	106.9	0.1891	0.0000	OK
120 minute summer	SWMH10	122	16.641	1.049	8.8	1.8535	0.0000	SURCHARGED
120 minute summer	SWMH06	124	17.220	1.260	8.8	2.2269	0.0000	SURCHARGED
120 minute summer	SWMH08	296	16.743	0.990	36.5	1.7493	0.0000	SURCHARGED
120 minute summer	SWMH03	136	17.234	0.984	151.0	1.7394	0.0000	SURCHARGED
120 minute summer	Access Road Tank	110	16.357	1.057	23.6	14.2643	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	PP2b	4.001	Clean Tank 2	22.7	1.501	0.100	0.1737	
120 minute summer	PP3a	3.001	SWMH13	19.6	0.616	0.466	3.0280	
120 minute summer	SWMH04	1.003	Clean Tank 1	150.1	3.124	0.138	0.2160	
120 minute summer	Roof 3	3.000	SWMH16	19.6	2.652	0.261	0.0652	
120 minute summer	Clean Tank 2	1.007_1	SWMH06	8.8	0.285	0.118	0.1549	
120 minute summer	SWMH02	1.001	SWMH03	131.4	1.133	0.487	10.3696	
120 minute summer	SWMH01	1.000	SWMH02	60.4	0.716	0.213	9.3758	
120 minute summer	SWMH17	5.000	Clean Tank 3	51.2	2.681	0.089	0.0704	
120 minute summer	SWMH14	4.000	SWMH15	38.0	1.379	0.391	2.6407	
120 minute summer	Clean Tank 3	1.008	SWMH08	-33.0	-0.833	-0.464	0.1197	
120 minute summer	SWMH20	12.002	SWMH09	49.8	0.732	0.649	2.0070	
120 minute summer	Grasscrete1	4.000_1	SWMH16	0.6	0.453	0.113	0.0067	
120 minute summer	PP4	3.002	SWMH14	2.9	0.722	0.168	0.1690	
120 minute summer	PP5a	6.000	SWMH08	2.4	1.312	0.003	0.1035	
120 minute summer	SWMH15	8.003	SWMH08	34.1	0.657	0.229	0.9366	
120 minute summer	SWMH22	7.000	Road Tank 1	107.1	3.761	0.354	0.4649	
120 minute summer	SWMH10	1.013	Access Road Tank	8.9	0.343	0.092	2.6949	
120 minute summer	SWMH06	1.007	SWMH07	6.5	0.514	0.097	2.4647	
120 minute summer	SWMH08	1.009	SWMH09	4.0	0.443	0.026	0.4225	
120 minute summer	SWMH03	1.002	SWMH04	142.1	1.350	0.286	2.0523	
120 minute summer	Access Road Tank	1.012	SWMH11	12.1	0.345	0.137	0.2465	

Results for 100 year +40% CC 120 minute summer. 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 summer	SWMH05	136	17.228	1.226	123.1	2.1671	0.0000	SURCHARGED
120 minute summer	SWMH11	110	16.356	1.096	12.1	1.9367	0.0000	FLOOD RISK
120 minute summer	SWMH16	136	17.229	1.002	33.9	1.4343	0.0000	SURCHARGED
120 minute summer	Roof 4	136	17.235	0.235	19.6	0.2663	0.0000	OK
120 minute summer	RoofX	296	16.743	0.343	11.0	0.3882	0.0000	SURCHARGED
120 minute summer	Road Tank 1	74	16.970	1.186	107.1	81.2701	0.0000	SURCHARGED
120 minute summer	Access Road	110	16.357	0.857	16.7	0.9687	0.0000	FLOOD RISK
120 minute summer	Clean Tank 1	136	17.231	1.131	150.1	171.0855	0.0000	SURCHARGED
120 minute summer	SWMH09	122	16.641	1.008	51.8	1.1405	0.0000	SURCHARGED
120 minute summer	SWMH13	298	16.743	0.406	30.6	0.5811	0.0000	SURCHARGED
120 minute summer	PP2a	64	17.329	0.019	3.7	0.4124	0.0000	OK
120 minute summer	SWMH07	296	16.743	0.913	6.5	1.0329	0.0000	SURCHARGED
120 minute summer	PP5b	294	16.743	0.543	9.0	0.0000	0.0000	SURCHARGED
120 minute summer	Road Tank 2	122	16.641	1.022	51.4	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	SWMH05	1.005	Clean Tank 2	118.6	1.006	0.434	2.1603	
120 minute summer	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	176.4
120 minute summer	SWMH16	3.001_1	Clean Tank 2	32.8	1.865	0.608	0.0440	
120 minute summer	Roof 4	2.000	SWMH03	19.7	2.301	0.063	0.4286	
120 minute summer	RoofX	9.000	SWMH13	11.0	0.512	0.123	0.6813	
120 minute summer	Road Tank 1	12.001	SWMH20	51.1	0.726	0.731	0.2465	
120 minute summer	Access Road	13.000	Access Road Tank	17.4	1.218	0.099	0.5702	
120 minute summer	Clean Tank 1	1.004	SWMH05	123.1	0.910	0.185	1.1234	
120 minute summer	SWMH09	1.011	Road Tank 2	51.4	0.730	0.801	0.2716	
120 minute summer	SWMH13	8.001	SWMH14	30.8	1.046	0.314	0.5217	
120 minute summer	PP2a	5.000_1	SWMH16	3.7	2.380	0.084	0.0089	
120 minute summer	SWMH07	1.008_1	Clean Tank 3	6.5	0.477	0.094	0.7183	
120 minute summer	PP5b	7.000_1	SWMH17	9.0	1.039	0.118	0.5062	
120 minute summer	Road Tank 2	1.012_1	SWMH10	8.8	0.254	0.031	1.7283	

Results for 100 year +40% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.49%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	Outfall	316	15.283	0.063	9.8	0.0000	0.0000	OK
120 minute winter	PP2b	122	17.228	0.108	16.1	7.9760	0.0000	OK
120 minute winter	PP3a	292	16.742	0.342	13.5	0.0000	0.0000	SURCHARGED
120 minute winter	SWMH04	136	17.231	1.081	105.9	1.9107	0.0000	SURCHARGED
120 minute winter	Roof 3	64	17.302	0.043	13.5	0.0487	0.0000	OK
120 minute winter	Clean Tank 2	122	17.227	1.257	128.1	166.3331	0.0000	SURCHARGED
120 minute winter	SWMH02	136	17.235	0.835	91.6	1.4763	0.0000	SURCHARGED
120 minute winter	SWMH01	136	17.240	0.690	41.6	1.2187	0.0000	SURCHARGED
120 minute winter	SWMH17	298	16.742	0.576	41.9	0.6515	0.0000	SURCHARGED
120 minute winter	SWMH14	298	16.742	0.463	25.6	0.6629	0.0000	SURCHARGED
120 minute winter	Clean Tank 3	296	16.742	0.982	66.7	144.6051	0.0000	SURCHARGED
120 minute winter	SWMH20	118	16.673	0.903	37.4	1.0220	0.0000	SURCHARGED
120 minute winter	Grasscrete1	82	17.372	0.022	1.1	1.5717	0.0000	OK
120 minute winter	PP4	300	16.742	0.222	2.0	2.1915	0.0000	SURCHARGED
120 minute winter	PP5a	64	17.011	0.011	1.7	0.0000	0.0000	OK
120 minute winter	SWMH15	296	16.742	0.750	25.7	0.8483	0.0000	SURCHARGED
120 minute winter	SWMH22	64	17.142	0.107	73.6	0.1524	0.0000	OK
120 minute winter	SWMH10	118	16.648	1.056	12.5	1.8660	0.0000	SURCHARGED
120 minute winter	SWMH06	122	17.227	1.267	8.1	2.2387	0.0000	SURCHARGED
120 minute winter	SWMH08	296	16.742	0.989	25.1	1.7475	0.0000	SURCHARGED
120 minute winter	SWMH03	136	17.233	0.983	104.2	1.7372	0.0000	SURCHARGED
120 minute winter	Access Road Tank	114	16.378	1.078	24.5	14.2643	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	PP2b	4.001	Clean Tank 2	22.9	1.587	0.101	0.1781	
120 minute winter	PP3a	3.001	SWMH13	13.5	0.564	0.321	3.0280	
120 minute winter	SWMH04	1.003	Clean Tank 1	103.6	2.954	0.095	0.2160	
120 minute winter	Roof 3	3.000	SWMH16	13.5	2.706	0.180	0.0613	
120 minute winter	Clean Tank 2	1.007_1	SWMH06	8.1	0.291	0.109	0.1549	
120 minute winter	SWMH02	1.001	SWMH03	90.7	1.069	0.336	10.3696	
120 minute winter	SWMH01	1.000	SWMH02	41.6	0.666	0.147	9.3758	
120 minute winter	SWMH17	5.000	Clean Tank 3	41.4	2.779	0.072	0.0704	
120 minute winter	SWMH14	4.000	SWMH15	25.7	1.270	0.264	2.6407	
120 minute winter	Clean Tank 3	1.008	SWMH08	-22.1	-0.845	-0.311	0.1197	
120 minute winter	SWMH20	12.002	SWMH09	36.9	0.773	0.480	2.0070	
120 minute winter	Grasscrete1	4.000_1	SWMH16	0.6	0.444	0.106	0.0064	
120 minute winter	PP4	3.002	SWMH14	2.0	0.650	0.116	0.1690	
120 minute winter	PP5a	6.000	SWMH08	1.7	1.312	0.002	0.1032	
120 minute winter	SWMH15	8.003	SWMH08	23.4	0.712	0.157	0.9366	
120 minute winter	SWMH22	7.000	Road Tank 1	73.6	3.431	0.243	0.4317	
120 minute winter	SWMH10	1.013	Access Road Tank	8.9	0.329	0.092	2.6949	
120 minute winter	SWMH06	1.007	SWMH07	6.6	0.518	0.098	2.4647	
120 minute winter	SWMH08	1.009	SWMH09	4.0	0.472	0.026	0.4225	
120 minute winter	SWMH03	1.002	SWMH04	98.9	1.415	0.199	2.0523	
120 minute winter	Access Road Tank	1.012	SWMH11	11.2	0.354	0.128	0.2465	

Results for 100 year +40% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.49%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	SWMH05	136	17.228	1.226	104.6	2.1670	0.0000	SURCHARGED
120 minute winter	SWMH11	114	16.378	1.118	11.2	1.9747	0.0000	FLOOD RISK
120 minute winter	SWMH16	136	17.233	1.006	23.4	1.4395	0.0000	SURCHARGED
120 minute winter	Roof 4	136	17.233	0.233	13.5	0.2636	0.0000	OK
120 minute winter	RoofX	298	16.742	0.342	7.6	0.3872	0.0000	SURCHARGED
120 minute winter	Road Tank 1	118	16.674	0.890	73.6	80.2832	0.0000	SURCHARGED
120 minute winter	Access Road	114	16.378	0.878	11.5	0.9931	0.0000	FLOOD RISK
120 minute winter	Clean Tank 1	136	17.231	1.131	103.6	171.0855	0.0000	SURCHARGED
120 minute winter	SWMH09	118	16.648	1.015	38.9	1.1485	0.0000	SURCHARGED
120 minute winter	SWMH13	298	16.742	0.405	21.1	0.5799	0.0000	SURCHARGED
120 minute winter	PP2a	66	17.326	0.016	2.5	0.3375	0.0000	OK
120 minute winter	SWMH07	298	16.742	0.912	6.6	1.0317	0.0000	SURCHARGED
120 minute winter	PP5b	302	16.742	0.542	6.2	0.0000	0.0000	SURCHARGED
120 minute winter	Road Tank 2	118	16.648	1.029	38.6	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	SWMH05	1.005	Clean Tank 2	101.8	1.054	0.373	2.1603	
120 minute winter	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	177.6
120 minute winter	SWMH16	3.001_1	Clean Tank 2	22.8	1.756	0.422	0.0440	
120 minute winter	Roof 4	2.000	SWMH03	13.5	2.125	0.043	0.4266	
120 minute winter	RoofX	9.000	SWMH13	7.6	0.486	0.085	0.6813	
120 minute winter	Road Tank 1	12.001	SWMH20	37.4	0.531	0.535	0.2465	
120 minute winter	Access Road	13.000	Access Road Tank	16.6	1.131	0.095	0.5702	
120 minute winter	Clean Tank 1	1.004	SWMH05	104.6	0.944	0.157	1.1234	
120 minute winter	SWMH09	1.011	Road Tank 2	38.6	0.799	0.602	0.2716	
120 minute winter	SWMH13	8.001	SWMH14	21.1	0.962	0.215	0.5217	
120 minute winter	PP2a	5.000_1	SWMH16	2.5	2.396	0.057	0.0086	
120 minute winter	SWMH07	1.008_1	Clean Tank 3	6.5	0.477	0.094	0.7183	
120 minute winter	PP5b	7.000_1	SWMH17	8.3	0.924	0.108	0.5062	
120 minute winter	Road Tank 2	1.012_1	SWMH10	12.5	0.261	0.045	1.7283	

Results for 100 year +40% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.44%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	Outfall	408	15.283	0.063	9.8	0.0000	0.0000	OK
180 minute summer	PP2b	180	17.452	0.332	19.9	27.7284	0.0000	SURCHARGED
180 minute summer	PP3a	300	16.983	0.583	14.8	0.0000	0.0000	SURCHARGED
180 minute summer	SWMH04	180	17.452	1.302	109.7	2.3009	0.0000	SURCHARGED
180 minute summer	Roof 3	180	17.451	0.192	14.8	0.2173	0.0000	SURCHARGED
180 minute summer	Clean Tank 2	180	17.452	1.482	103.4	166.3331	0.0000	SURCHARGED
180 minute summer	SWMH02	180	17.452	1.052	99.7	1.8596	0.0000	SURCHARGED
180 minute summer	SWMH01	180	17.452	0.902	45.5	1.5946	0.0000	SURCHARGED
180 minute summer	SWMH17	296	16.983	0.817	16.6	0.9240	0.0000	SURCHARGED
180 minute summer	SWMH14	296	16.983	0.704	28.1	1.0075	0.0000	SURCHARGED
180 minute summer	Clean Tank 3	292	16.983	1.223	78.0	162.0486	0.0000	SURCHARGED
180 minute summer	SWMH20	140	16.978	1.208	37.0	1.3668	0.0000	SURCHARGED
180 minute summer	Grasscrete1	196	17.406	0.056	5.1	9.9576	0.0000	OK
180 minute summer	PP4	296	16.983	0.463	2.2	7.0577	0.0000	SURCHARGED
180 minute summer	PP5a	96	17.011	0.011	1.8	0.0000	0.0000	OK
180 minute summer	SWMH15	296	16.983	0.991	28.1	1.1208	0.0000	SURCHARGED
180 minute summer	SWMH22	92	17.147	0.112	80.6	0.1604	0.0000	OK
180 minute summer	SWMH10	144	16.938	1.346	9.3	2.3786	0.0000	SURCHARGED
180 minute summer	SWMH06	180	17.452	1.492	9.3	2.6359	0.0000	SURCHARGED
180 minute summer	SWMH08	292	16.983	1.230	28.0	2.1733	0.0000	SURCHARGED
180 minute summer	SWMH03	180	17.452	1.202	111.4	2.1243	0.0000	SURCHARGED
180 minute summer	Access Road Tank	128	16.400	1.100	19.4	14.2643	0.1737	FLOOD

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	PP2b	4.001	Clean Tank 2	-18.3	1.380	-0.081	0.2420	
180 minute summer	PP3a	3.001	SWMH13	14.8	0.578	0.352	3.0280	
180 minute summer	SWMH04	1.003	Clean Tank 1	141.2	2.919	0.130	0.2160	
180 minute summer	Roof 3	3.000	SWMH16	14.8	2.359	0.198	0.0990	
180 minute summer	Clean Tank 2	1.007_1	SWMH06	9.3	0.252	0.125	0.1549	
180 minute summer	SWMH02	1.001	SWMH03	96.7	1.036	0.358	10.3696	
180 minute summer	SWMH01	1.000	SWMH02	44.9	0.675	0.158	9.3758	
180 minute summer	SWMH17	5.000	Clean Tank 3	52.7	2.229	0.091	0.0704	
180 minute summer	SWMH14	4.000	SWMH15	28.1	1.188	0.289	2.6407	
180 minute summer	Clean Tank 3	1.008	SWMH08	-23.5	-0.744	-0.331	0.1197	
180 minute summer	SWMH20	12.002	SWMH09	36.4	0.620	0.474	2.0070	
180 minute summer	Grasscrete1	4.000_1	SWMH16	-5.0	-0.759	-0.925	0.0307	
180 minute summer	PP4	3.002	SWMH14	2.2	0.668	0.127	0.1690	
180 minute summer	PP5a	6.000	SWMH08	1.8	1.175	0.003	0.1032	
180 minute summer	SWMH15	8.003	SWMH08	26.2	0.585	0.175	0.9366	
180 minute summer	SWMH22	7.000	Road Tank 1	80.7	3.508	0.267	0.4363	
180 minute summer	SWMH10	1.013	Access Road Tank	8.9	0.363	0.092	2.6949	
180 minute summer	SWMH06	1.007	SWMH07	6.9	0.510	0.103	2.4647	
180 minute summer	SWMH08	1.009	SWMH09	4.3	0.403	0.028	0.4225	
180 minute summer	SWMH03	1.002	SWMH04	102.0	1.182	0.205	2.0523	
180 minute summer	Access Road Tank	1.012	SWMH11	10.6	0.304	0.121	0.2465	

Results for 100 year +40% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.44%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	SWMH05	180	17.452	1.450	78.6	2.5622	0.0000	SURCHARGED
180 minute summer	SWMH11	128	16.400	1.140	10.6	2.0143	0.0000	FLOOD RISK
180 minute summer	SWMH16	180	17.451	1.224	25.8	1.7511	0.0000	SURCHARGED
180 minute summer	Roof 4	180	17.452	0.452	14.8	0.5115	0.0000	SURCHARGED
180 minute summer	RoofX	296	16.983	0.583	8.3	0.6596	0.0000	SURCHARGED
180 minute summer	Road Tank 1	140	16.979	1.195	80.7	81.2701	0.0000	SURCHARGED
180 minute summer	Access Road	128	16.400	0.900	12.6	1.0179	0.6059	FLOOD
180 minute summer	Clean Tank 1	180	17.452	1.352	141.2	171.0855	0.0000	SURCHARGED
180 minute summer	SWMH09	144	16.939	1.306	38.6	1.4766	0.0000	SURCHARGED
180 minute summer	SWMH13	296	16.983	0.646	23.1	0.9245	0.0000	SURCHARGED
180 minute summer	PP2a	180	17.451	0.141	2.8	3.2849	0.0000	SURCHARGED
180 minute summer	SWMH07	308	16.983	1.153	6.9	1.3044	0.0000	SURCHARGED
180 minute summer	PP5b	300	16.983	0.783	6.8	3.1041	0.0000	SURCHARGED
180 minute summer	Road Tank 2	144	16.938	1.319	38.3	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	SWMH05	1.005	Clean Tank 2	75.9	0.912	0.278	2.1603	
180 minute summer	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	200.6
180 minute summer	SWMH16	3.001_1	Clean Tank 2	25.1	1.540	0.465	0.0440	
180 minute summer	Roof 4	2.000	SWMH03	14.8	2.092	0.047	0.4653	
180 minute summer	RoofX	9.000	SWMH13	8.3	0.502	0.093	0.6813	
180 minute summer	Road Tank 1	12.001	SWMH20	37.0	0.525	0.528	0.2465	
180 minute summer	Access Road	13.000	Access Road Tank	13.6	1.105	0.078	0.5702	
180 minute summer	Clean Tank 1	1.004	SWMH05	78.6	0.839	0.118	1.1234	
180 minute summer	SWMH09	1.011	Road Tank 2	38.3	0.662	0.597	0.2716	
180 minute summer	SWMH13	8.001	SWMH14	23.1	0.983	0.235	0.5217	
180 minute summer	PP2a	5.000_1	SWMH16	2.8	2.227	0.064	0.0156	
180 minute summer	SWMH07	1.008_1	Clean Tank 3	6.8	0.480	0.099	0.7183	
180 minute summer	PP5b	7.000_1	SWMH17	6.8	0.949	0.089	0.5062	
180 minute summer	Road Tank 2	1.012_1	SWMH10	9.3	0.223	0.033	1.7283	

Results for 100 year +40% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.44%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	Outfall	404	15.283	0.063	9.8	0.0000	0.0000	OK
180 minute winter	PP2b	176	17.462	0.342	38.9	28.6223	0.0000	SURCHARGED
180 minute winter	PP3a	300	16.982	0.582	10.2	0.0000	0.0000	SURCHARGED
180 minute winter	SWMH04	176	17.462	1.312	79.1	2.3183	0.0000	SURCHARGED
180 minute winter	Roof 3	176	17.460	0.201	10.2	0.2278	0.0000	SURCHARGED
180 minute winter	Clean Tank 2	176	17.462	1.492	96.8	166.3331	0.0000	SURCHARGED
180 minute winter	SWMH02	176	17.462	1.062	68.9	1.8766	0.0000	SURCHARGED
180 minute winter	SWMH01	176	17.462	0.912	31.3	1.6115	0.0000	SURCHARGED
180 minute winter	SWMH17	296	16.982	0.816	38.0	0.9234	0.0000	SURCHARGED
180 minute winter	SWMH14	296	16.982	0.703	19.3	1.0066	0.0000	SURCHARGED
180 minute winter	Clean Tank 3	296	16.982	1.222	65.3	162.0486	0.0000	SURCHARGED
180 minute winter	SWMH20	148	16.978	1.208	31.0	1.3672	0.0000	SURCHARGED
180 minute winter	Grasscrete1	192	17.410	0.060	6.1	11.1909	0.0000	OK
180 minute winter	PP4	296	16.982	0.462	1.7	7.0465	0.0000	SURCHARGED
180 minute winter	PP5a	96	17.010	0.010	1.3	0.0000	0.0000	OK
180 minute winter	SWMH15	296	16.982	0.990	19.3	1.1201	0.0000	SURCHARGED
180 minute winter	SWMH22	96	17.126	0.091	55.4	0.1303	0.0000	OK
180 minute winter	SWMH10	148	16.940	1.348	9.3	2.3819	0.0000	SURCHARGED
180 minute winter	SWMH06	176	17.462	1.502	7.8	2.6535	0.0000	SURCHARGED
180 minute winter	SWMH08	296	16.982	1.229	19.1	2.1723	0.0000	SURCHARGED
180 minute winter	SWMH03	176	17.462	1.212	74.9	2.1417	0.0000	SURCHARGED
180 minute winter	Access Road Tank	136	16.400	1.100	26.5	14.2643	0.0276	FLOOD

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	PP2b	4.001	Clean Tank 2	-36.8	1.441	-0.163	0.2420	
180 minute winter	PP3a	3.001	SWMH13	10.2	0.524	0.243	3.0280	
180 minute winter	SWMH04	1.003	Clean Tank 1	157.2	2.632	0.145	0.2160	
180 minute winter	Roof 3	3.000	SWMH16	10.2	2.511	0.136	0.0990	
180 minute winter	Clean Tank 2	1.007_1	SWMH06	7.8	0.271	0.104	0.1549	
180 minute winter	SWMH02	1.001	SWMH03	65.2	0.986	0.242	10.3696	
180 minute winter	SWMH01	1.000	SWMH02	31.2	0.631	0.110	9.3758	
180 minute winter	SWMH17	5.000	Clean Tank 3	43.9	2.346	0.076	0.0704	
180 minute winter	SWMH14	4.000	SWMH15	19.3	1.132	0.199	2.6407	
180 minute winter	Clean Tank 3	1.008	SWMH08	-18.3	-0.722	-0.258	0.1197	
180 minute winter	SWMH20	12.002	SWMH09	30.5	0.647	0.398	2.0070	
180 minute winter	Grasscrete1	4.000_1	SWMH16	-6.0	-0.910	-1.116	0.0317	
180 minute winter	PP4	3.002	SWMH14	-1.7	0.599	-0.098	0.1690	
180 minute winter	PP5a	6.000	SWMH08	1.3	1.175	0.002	0.1030	
180 minute winter	SWMH15	8.003	SWMH08	17.8	0.629	0.119	0.9366	
180 minute winter	SWMH22	7.000	Road Tank 1	55.4	3.187	0.183	0.4086	
180 minute winter	SWMH10	1.013	Access Road Tank	8.9	0.358	0.092	2.6949	
180 minute winter	SWMH06	1.007	SWMH07	7.0	0.511	0.104	2.4647	
180 minute winter	SWMH08	1.009	SWMH09	4.4	0.463	0.028	0.4225	
180 minute winter	SWMH03	1.002	SWMH04	74.0	1.236	0.149	2.0523	
180 minute winter	Access Road Tank	1.012	SWMH11	11.7	0.335	0.133	0.2465	

Results for 100 year +40% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.44%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	SWMH05	176	17.462	1.460	83.5	2.5797	0.0000	SURCHARGED
180 minute winter	SWMH11	136	16.399	1.139	11.7	2.0135	0.0000	FLOOD RISK
180 minute winter	SWMH16	176	17.460	1.233	17.8	1.7643	0.0000	SURCHARGED
180 minute winter	Roof 4	176	17.462	0.462	10.2	0.5226	0.0000	SURCHARGED
180 minute winter	RoofX	296	16.982	0.582	5.7	0.6587	0.0000	SURCHARGED
180 minute winter	Road Tank 1	148	16.979	1.195	55.4	81.2701	0.0000	SURCHARGED
180 minute winter	Access Road	132	16.400	0.900	8.7	1.0179	0.9957	FLOOD
180 minute winter	Clean Tank 1	176	17.462	1.362	158.6	171.0855	0.0000	SURCHARGED
180 minute winter	SWMH09	148	16.940	1.307	32.6	1.4787	0.0000	SURCHARGED
180 minute winter	SWMH13	296	16.982	0.645	15.9	0.9236	0.0000	SURCHARGED
180 minute winter	PP2a	176	17.460	0.150	3.0	3.5116	0.0000	SURCHARGED
180 minute winter	SWMH07	296	16.983	1.153	7.0	1.3036	0.0000	SURCHARGED
180 minute winter	PP5b	296	16.982	0.782	4.7	3.0697	0.0000	SURCHARGED
180 minute winter	Road Tank 2	148	16.940	1.321	32.3	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	SWMH05	1.005	Clean Tank 2	80.9	0.938	0.296	2.1603	
180 minute winter	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	202.2
180 minute winter	SWMH16	3.001_1	Clean Tank 2	17.4	1.602	0.322	0.0440	
180 minute winter	Roof 4	2.000	SWMH03	10.2	1.916	0.032	0.4653	
180 minute winter	RoofX	9.000	SWMH13	5.7	0.454	0.064	0.6813	
180 minute winter	Road Tank 1	12.001	SWMH20	31.0	0.440	0.443	0.2465	
180 minute winter	Access Road	13.000	Access Road Tank	18.4	1.002	0.105	0.5702	
180 minute winter	Clean Tank 1	1.004	SWMH05	83.5	0.874	0.125	1.1234	
180 minute winter	SWMH09	1.011	Road Tank 2	32.3	0.674	0.504	0.2716	
180 minute winter	SWMH13	8.001	SWMH14	15.9	0.896	0.162	0.5217	
180 minute winter	PP2a	5.000_1	SWMH16	-2.7	2.305	-0.061	0.0156	
180 minute winter	SWMH07	1.008_1	Clean Tank 3	6.9	0.481	0.100	0.7183	
180 minute winter	PP5b	7.000_1	SWMH17	6.0	0.847	0.078	0.5062	
180 minute winter	Road Tank 2	1.012_1	SWMH10	9.3	0.221	0.033	1.7283	

Results for 100 year +40% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.32%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	Outfall	120	15.283	0.063	9.8	0.0000	0.0000	OK
240 minute summer	PP2b	240	17.493	0.373	39.0	31.3163	0.0000	SURCHARGED
240 minute summer	PP3a	324	17.141	0.741	12.5	0.0000	0.0000	SURCHARGED
240 minute summer	SWMH04	240	17.493	1.343	90.0	2.3724	0.0000	SURCHARGED
240 minute summer	Roof 3	240	17.491	0.232	12.5	0.2626	0.0000	SURCHARGED
240 minute summer	Clean Tank 2	240	17.493	1.523	84.9	166.3331	0.0000	SURCHARGED
240 minute summer	SWMH02	240	17.493	1.093	84.6	1.9311	0.0000	SURCHARGED
240 minute summer	SWMH01	240	17.493	0.943	38.6	1.6661	0.0000	SURCHARGED
240 minute summer	SWMH17	324	17.141	0.975	40.2	1.1027	0.0000	SURCHARGED
240 minute summer	SWMH14	324	17.141	0.862	23.3	1.2338	0.0000	SURCHARGED
240 minute summer	Clean Tank 3	324	17.141	1.381	40.1	162.0486	0.0000	SURCHARGED
240 minute summer	SWMH20	172	17.135	1.365	33.3	1.5444	0.0000	SURCHARGED
240 minute summer	Grasscrete1	256	17.452	0.102	6.4	27.3459	0.0000	SURCHARGED
240 minute summer	PP4	320	17.141	0.621	6.6	8.0584	0.0000	SURCHARGED
240 minute summer	PP5a	324	17.141	0.141	1.6	0.0000	0.0000	OK
240 minute summer	SWMH15	324	17.141	1.149	23.2	1.2994	0.0000	SURCHARGED
240 minute summer	SWMH22	124	17.137	0.102	68.3	0.1462	0.0000	OK
240 minute summer	SWMH10	172	17.091	1.499	9.7	2.6485	0.0000	FLOOD RISK
240 minute summer	SWMH06	240	17.492	1.532	7.3	2.7077	0.0000	SURCHARGED
240 minute summer	SWMH08	324	17.141	1.388	23.1	2.4524	0.0000	SURCHARGED
240 minute summer	SWMH03	240	17.493	1.243	88.7	2.1958	0.0000	SURCHARGED
240 minute summer	Access Road Tank	156	16.400	1.100	21.3	14.2643	0.1480	FLOOD

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	PP2b	4.001	Clean Tank 2	-36.7	1.294	-0.162	0.2420	
240 minute summer	PP3a	3.001	SWMH13	12.4	0.552	0.295	3.0280	
240 minute summer	SWMH04	1.003	Clean Tank 1	89.0	2.726	0.082	0.2160	
240 minute summer	Roof 3	3.000	SWMH16	12.5	2.253	0.167	0.0990	
240 minute summer	Clean Tank 2	1.007_1	SWMH06	7.3	0.253	0.098	0.1549	
240 minute summer	SWMH02	1.001	SWMH03	76.2	0.965	0.282	10.3696	
240 minute summer	SWMH01	1.000	SWMH02	38.2	0.637	0.135	9.3758	
240 minute summer	SWMH17	5.000	Clean Tank 3	-23.0	2.001	-0.040	0.0704	
240 minute summer	SWMH14	4.000	SWMH15	23.2	1.041	0.239	2.6407	
240 minute summer	Clean Tank 3	1.008	SWMH08	-22.6	-0.651	-0.319	0.1197	
240 minute summer	SWMH20	12.002	SWMH09	32.8	0.573	0.427	2.0070	
240 minute summer	Grasscrete1	4.000_1	SWMH16	-6.3	-0.931	-1.162	0.0391	
240 minute summer	PP4	3.002	SWMH14	-6.4	0.630	-0.371	0.1690	
240 minute summer	PP5a	6.000	SWMH08	1.6	1.175	0.002	0.1492	
240 minute summer	SWMH15	8.003	SWMH08	21.5	0.553	0.144	0.9366	
240 minute summer	SWMH22	7.000	Road Tank 1	68.2	3.364	0.225	0.4545	
240 minute summer	SWMH10	1.013	Access Road Tank	8.9	0.377	0.092	2.6949	
240 minute summer	SWMH06	1.007	SWMH07	7.0	0.506	0.104	2.4647	
240 minute summer	SWMH08	1.009	SWMH09	4.7	0.317	0.030	0.4225	
240 minute summer	SWMH03	1.002	SWMH04	83.5	1.089	0.168	2.0523	
240 minute summer	Access Road Tank	1.012	SWMH11	11.9	0.326	0.135	0.2465	

Results for 100 year +40% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.32%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMH05	240	17.493	1.491	69.2	2.6338	0.0000	SURCHARGED
240 minute summer	SWMH11	160	16.399	1.139	11.9	2.0135	0.0000	FLOOD RISK
240 minute summer	SWMH16	240	17.491	1.264	21.7	1.8086	0.0000	SURCHARGED
240 minute summer	Roof 4	240	17.493	0.493	12.5	0.5573	0.0000	SURCHARGED
240 minute summer	RoofX	324	17.141	0.741	7.0	0.8384	0.0000	SURCHARGED
240 minute summer	Road Tank 1	172	17.136	1.352	68.2	81.2701	0.0000	SURCHARGED
240 minute summer	Access Road	156	16.400	0.900	10.7	1.0179	0.9085	FLOOD
240 minute summer	Clean Tank 1	240	17.493	1.393	89.0	171.0855	0.0000	SURCHARGED
240 minute summer	SWMH09	172	17.091	1.458	35.0	1.6493	0.0000	SURCHARGED
240 minute summer	SWMH13	324	17.141	0.804	19.4	1.1508	0.0000	SURCHARGED
240 minute summer	PP2a	240	17.491	0.181	3.7	4.2642	0.0000	SURCHARGED
240 minute summer	SWMH07	324	17.141	1.311	7.0	1.4830	0.0000	SURCHARGED
240 minute summer	PP5b	324	17.141	0.941	6.4	13.2371	0.0000	SURCHARGED
240 minute summer	Road Tank 2	172	17.091	1.472	34.8	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	SWMH05	1.005	Clean Tank 2	68.6	0.846	0.251	2.1603	
240 minute summer	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	225.4
240 minute summer	SWMH16	3.001_1	Clean Tank 2	21.1	1.430	0.391	0.0440	
240 minute summer	Roof 4	2.000	SWMH03	12.5	1.891	0.040	0.4653	
240 minute summer	RoofX	9.000	SWMH13	7.0	0.478	0.078	0.6813	
240 minute summer	Road Tank 1	12.001	SWMH20	33.3	0.472	0.476	0.2465	
240 minute summer	Access Road	13.000	Access Road Tank	13.3	1.048	0.076	0.5702	
240 minute summer	Clean Tank 1	1.004	SWMH05	69.2	0.815	0.104	1.1234	
240 minute summer	SWMH09	1.011	Road Tank 2	34.8	0.623	0.542	0.2716	
240 minute summer	SWMH13	8.001	SWMH14	19.2	0.941	0.196	0.5217	
240 minute summer	PP2a	5.000_1	SWMH16	-3.3	2.103	-0.075	0.0156	
240 minute summer	SWMH07	1.008_1	Clean Tank 3	6.9	0.482	0.100	0.7183	
240 minute summer	PP5b	7.000_1	SWMH17	9.4	0.837	0.123	0.5062	
240 minute summer	Road Tank 2	1.012_1	SWMH10	9.7	0.227	0.035	1.7283	

Results for 100 year +40% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.33%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	Outfall	120	15.283	0.063	9.8	0.0000	0.0000	OK
240 minute winter	PP2b	232	17.513	0.393	28.7	33.1336	0.0000	SURCHARGED
240 minute winter	PP3a	332	17.140	0.740	8.3	0.0000	0.0000	SURCHARGED
240 minute winter	SWMH04	232	17.513	1.363	75.6	2.4086	0.0000	SURCHARGED
240 minute winter	Roof 3	232	17.511	0.252	8.3	0.2846	0.0000	SURCHARGED
240 minute winter	Clean Tank 2	232	17.513	1.543	73.0	166.3331	0.0000	SURCHARGED
240 minute winter	SWMH02	232	17.513	1.113	55.6	1.9670	0.0000	SURCHARGED
240 minute winter	SWMH01	232	17.513	0.963	25.6	1.7019	0.0000	SURCHARGED
240 minute winter	SWMH17	324	17.140	0.974	29.9	1.1014	0.0000	SURCHARGED
240 minute winter	SWMH14	324	17.140	0.861	15.8	1.2321	0.0000	SURCHARGED
240 minute winter	Clean Tank 3	324	17.140	1.380	39.9	162.0486	0.0000	SURCHARGED
240 minute winter	SWMH20	184	17.148	1.378	26.6	1.5595	0.0000	SURCHARGED
240 minute winter	Grasscrete1	252	17.456	0.106	7.2	28.6743	0.0000	SURCHARGED
240 minute winter	PP4	324	17.140	0.620	6.0	8.0584	0.0000	SURCHARGED
240 minute winter	PP5a	324	17.140	0.140	1.0	0.0000	0.0000	OK
240 minute winter	SWMH15	324	17.140	1.148	15.7	1.2981	0.0000	SURCHARGED
240 minute winter	SWMH22	184	17.148	0.113	45.4	0.1611	0.0000	OK
240 minute winter	SWMH10	184	17.106	1.514	9.7	2.6755	0.0000	FLOOD RISK
240 minute winter	SWMH06	232	17.513	1.553	8.5	2.7439	0.0000	SURCHARGED
240 minute winter	SWMH08	324	17.140	1.387	15.8	2.4504	0.0000	SURCHARGED
240 minute winter	SWMH03	232	17.513	1.263	58.1	2.2320	0.0000	SURCHARGED
240 minute winter	Access Road Tank	160	16.400	1.100	16.5	14.2643	0.2401	FLOOD

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	PP2b	4.001	Clean Tank 2	-26.2	1.361	-0.116	0.2420	
240 minute winter	PP3a	3.001	SWMH13	8.3	0.496	0.197	3.0280	
240 minute winter	SWMH04	1.003	Clean Tank 1	137.2	2.439	0.126	0.2160	
240 minute winter	Roof 3	3.000	SWMH16	8.3	2.253	0.111	0.0990	
240 minute winter	Clean Tank 2	1.007_1	SWMH06	8.5	0.255	0.114	0.1549	
240 minute winter	SWMH02	1.001	SWMH03	50.5	0.935	0.187	10.3696	
240 minute winter	SWMH01	1.000	SWMH02	25.2	0.588	0.089	9.3758	
240 minute winter	SWMH17	5.000	Clean Tank 3	21.2	2.146	0.037	0.0704	
240 minute winter	SWMH14	4.000	SWMH15	15.7	1.003	0.162	2.6407	
240 minute winter	Clean Tank 3	1.008	SWMH08	-14.6	-0.636	-0.206	0.1197	
240 minute winter	SWMH20	12.002	SWMH09	26.3	0.596	0.342	2.0070	
240 minute winter	Grasscrete1	4.000_1	SWMH16	-7.1	-1.010	-1.310	0.0391	
240 minute winter	PP4	3.002	SWMH14	-5.8	0.561	-0.337	0.1690	
240 minute winter	PP5a	6.000	SWMH08	1.0	1.175	0.001	0.1487	
240 minute winter	SWMH15	8.003	SWMH08	14.8	0.581	0.099	0.9366	
240 minute winter	SWMH22	7.000	Road Tank 1	45.4	3.022	0.150	0.4728	
240 minute winter	SWMH10	1.013	Access Road Tank	8.9	0.370	0.092	2.6949	
240 minute winter	SWMH06	1.007	SWMH07	7.1	0.510	0.105	2.4647	
240 minute winter	SWMH08	1.009	SWMH09	4.8	0.463	0.030	0.4225	
240 minute winter	SWMH03	1.002	SWMH04	59.0	1.156	0.119	2.0523	
240 minute winter	Access Road Tank	1.012	SWMH11	11.1	0.320	0.126	0.2465	

Results for 100 year +40% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.33%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	SWMH05	232	17.513	1.511	58.9	2.6700	0.0000	SURCHARGED
240 minute winter	SWMH11	172	16.399	1.139	11.1	2.0135	0.0000	FLOOD RISK
240 minute winter	SWMH16	232	17.510	1.283	14.6	1.8364	0.0000	SURCHARGED
240 minute winter	Roof 4	232	17.513	0.513	8.3	0.5804	0.0000	SURCHARGED
240 minute winter	RoofX	324	17.140	0.740	4.7	0.8369	0.0000	SURCHARGED
240 minute winter	Road Tank 1	184	17.149	1.365	45.4	81.2701	0.0000	SURCHARGED
240 minute winter	Access Road	160	16.400	0.900	12.1	1.0179	1.3592	FLOOD
240 minute winter	Clean Tank 1	232	17.513	1.413	142.8	171.0855	0.0000	SURCHARGED
240 minute winter	SWMH09	184	17.107	1.474	28.4	1.6666	0.0000	SURCHARGED
240 minute winter	SWMH13	324	17.140	0.803	13.0	1.1490	0.0000	SURCHARGED
240 minute winter	PP2a	232	17.510	0.200	4.6	4.7448	0.0000	SURCHARGED
240 minute winter	SWMH07	324	17.140	1.310	7.1	1.4816	0.0000	SURCHARGED
240 minute winter	PP5b	324	17.140	0.940	7.1	13.1627	0.0000	SURCHARGED
240 minute winter	Road Tank 2	184	17.106	1.487	28.2	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	SWMH05	1.005	Clean Tank 2	58.3	0.878	0.214	2.1603	
240 minute winter	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	227.2
240 minute winter	SWMH16	3.001_1	Clean Tank 2	14.5	1.539	0.269	0.0440	
240 minute winter	Roof 4	2.000	SWMH03	8.3	1.788	0.026	0.4653	
240 minute winter	RoofX	9.000	SWMH13	4.7	0.434	0.052	0.6813	
240 minute winter	Road Tank 1	12.001	SWMH20	26.6	0.412	0.381	0.2465	
240 minute winter	Access Road	13.000	Access Road Tank	8.4	0.928	0.048	0.5702	
240 minute winter	Clean Tank 1	1.004	SWMH05	58.9	0.824	0.088	1.1234	
240 minute winter	SWMH09	1.011	Road Tank 2	28.2	0.634	0.439	0.2716	
240 minute winter	SWMH13	8.001	SWMH14	13.0	0.850	0.132	0.5217	
240 minute winter	PP2a	5.000_1	SWMH16	-4.1	2.111	-0.094	0.0156	
240 minute winter	SWMH07	1.008_1	Clean Tank 3	7.0	0.482	0.101	0.7183	
240 minute winter	PP5b	7.000_1	SWMH17	-6.4	0.771	-0.084	0.5062	
240 minute winter	Road Tank 2	1.012_1	SWMH10	9.7	0.229	0.035	1.7283	

Results for 100 year +40% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.28%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	Outfall	176	15.283	0.063	9.8	0.0000	0.0000	OK
360 minute summer	PP2b	360	17.523	0.403	27.3	34.0296	0.0000	SURCHARGED
360 minute summer	PP3a	368	17.323	0.923	9.4	0.0000	0.0000	SURCHARGED
360 minute summer	SWMH04	360	17.523	1.373	65.6	2.4265	0.0000	SURCHARGED
360 minute summer	Roof 3	360	17.523	0.264	9.4	0.2981	0.0000	SURCHARGED
360 minute summer	Clean Tank 2	360	17.523	1.553	60.3	166.3331	0.0000	SURCHARGED
360 minute summer	SWMH02	360	17.523	1.123	60.7	1.9850	0.0000	SURCHARGED
360 minute summer	SWMH01	360	17.523	0.973	29.1	1.7199	0.0000	SURCHARGED
360 minute summer	SWMH17	368	17.323	1.157	39.6	1.3088	0.0000	SURCHARGED
360 minute summer	SWMH14	368	17.323	1.044	17.6	1.4938	0.0000	SURCHARGED
360 minute summer	Clean Tank 3	368	17.323	1.563	58.9	162.0486	0.0000	SURCHARGED
360 minute summer	SWMH20	240	17.088	1.318	27.5	1.4908	0.0000	SURCHARGED
360 minute summer	Grasscrete1	376	17.503	0.153	7.6	46.6206	0.0000	SURCHARGED
360 minute summer	PP4	368	17.323	0.803	6.9	8.0584	0.0000	FLOOD RISK
360 minute summer	PP5a	368	17.323	0.323	1.2	0.0000	0.0000	SURCHARGED
360 minute summer	SWMH15	368	17.323	1.331	17.5	1.5054	0.0000	SURCHARGED
360 minute summer	SWMH22	184	17.122	0.087	51.4	0.1251	0.0000	OK
360 minute summer	SWMH10	248	17.048	1.456	9.1	2.5725	0.0000	FLOOD RISK
360 minute summer	SWMH06	360	17.523	1.563	7.4	2.7620	0.0000	SURCHARGED
360 minute summer	SWMH08	368	17.323	1.570	18.1	2.7744	0.0000	SURCHARGED
360 minute summer	SWMH03	360	17.523	1.273	64.4	2.2499	0.0000	SURCHARGED
360 minute summer	Access Road Tank	232	16.400	1.100	17.9	14.2643	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	PP2b	4.001	Clean Tank 2	-25.1	1.175	-0.111	0.2420	
360 minute summer	PP3a	3.001	SWMH13	9.3	0.511	0.221	3.0280	
360 minute summer	SWMH04	1.003	Clean Tank 1	129.3	2.177	0.119	0.2160	
360 minute summer	Roof 3	3.000	SWMH16	9.4	2.096	0.125	0.0990	
360 minute summer	Clean Tank 2	1.007_1	SWMH06	7.4	0.224	0.099	0.1549	
360 minute summer	SWMH02	1.001	SWMH03	55.0	0.883	0.204	10.3696	
360 minute summer	SWMH01	1.000	SWMH02	25.8	0.568	0.091	9.3758	
360 minute summer	SWMH17	5.000	Clean Tank 3	44.1	1.789	0.076	0.0704	
360 minute summer	SWMH14	4.000	SWMH15	17.5	0.869	0.181	2.6407	
360 minute summer	Clean Tank 3	1.008	SWMH08	-14.0	-0.571	-0.197	0.1197	
360 minute summer	SWMH20	12.002	SWMH09	27.1	0.515	0.353	2.0070	
360 minute summer	Grasscrete1	4.000_1	SWMH16	-7.5	-1.073	-1.398	0.0391	
360 minute summer	PP4	3.002	SWMH14	-6.7	0.585	-0.389	0.1690	
360 minute summer	PP5a	6.000	SWMH08	1.2	0.216	0.002	0.2041	
360 minute summer	SWMH15	8.003	SWMH08	16.9	0.474	0.113	0.9366	
360 minute summer	SWMH22	7.000	Road Tank 1	51.3	3.123	0.170	0.3978	
360 minute summer	SWMH10	1.013	Access Road Tank	8.9	0.387	0.092	2.6949	
360 minute summer	SWMH06	1.007	SWMH07	7.0	0.501	0.104	2.4647	
360 minute summer	SWMH08	1.009	SWMH09	5.0	0.312	0.032	0.4225	
360 minute summer	SWMH03	1.002	SWMH04	60.7	0.999	0.122	2.0523	
360 minute summer	Access Road Tank	1.012	SWMH11	10.3	0.297	0.117	0.2465	

Results for 100 year +40% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.28%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	SWMH05	360	17.523	1.521	56.6	2.6880	0.0000	SURCHARGED
360 minute summer	SWMH11	232	16.399	1.139	10.3	2.0134	0.0000	FLOOD RISK
360 minute summer	SWMH16	360	17.522	1.295	16.4	1.8537	0.0000	SURCHARGED
360 minute summer	Roof 4	360	17.523	0.523	9.4	0.5918	0.0000	SURCHARGED
360 minute summer	RoofX	368	17.323	0.923	5.3	1.0437	0.0000	SURCHARGED
360 minute summer	Road Tank 1	240	17.088	1.304	51.3	81.2701	0.0000	SURCHARGED
360 minute summer	Access Road	224	16.400	0.900	8.0	1.0179	1.1125	FLOOD
360 minute summer	Clean Tank 1	360	17.523	1.423	129.3	171.0855	0.0000	SURCHARGED
360 minute summer	SWMH09	248	17.048	1.415	29.5	1.6006	0.0000	SURCHARGED
360 minute summer	SWMH13	368	17.323	0.986	14.6	1.4108	0.0000	SURCHARGED
360 minute summer	PP2a	360	17.522	0.212	4.8	5.0409	0.0000	SURCHARGED
360 minute summer	SWMH07	368	17.323	1.493	7.0	1.6890	0.0000	SURCHARGED
360 minute summer	PP5b	368	17.323	1.123	6.0	24.9923	0.0000	SURCHARGED
360 minute summer	Road Tank 2	248	17.048	1.429	29.3	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	SWMH05	1.005	Clean Tank 2	55.2	0.743	0.202	2.1603	
360 minute summer	SWMH11	1.015	Outfall	9.8	0.850	0.098	0.0576	274.8
360 minute summer	SWMH16	3.001_1	Clean Tank 2	16.0	1.340	0.297	0.0440	
360 minute summer	Roof 4	2.000	SWMH03	9.4	1.758	0.030	0.4653	
360 minute summer	RoofX	9.000	SWMH13	5.3	0.448	0.059	0.6813	
360 minute summer	Road Tank 1	12.001	SWMH20	27.5	0.390	0.393	0.2465	
360 minute summer	Access Road	13.000	Access Road Tank	10.7	0.741	0.061	0.5702	
360 minute summer	Clean Tank 1	1.004	SWMH05	56.6	0.826	0.085	1.1234	
360 minute summer	SWMH09	1.011	Road Tank 2	29.3	0.560	0.457	0.2716	
360 minute summer	SWMH13	8.001	SWMH14	14.5	0.875	0.147	0.5217	
360 minute summer	PP2a	5.000_1	SWMH16	-4.3	1.827	-0.097	0.0156	
360 minute summer	SWMH07	1.008_1	Clean Tank 3	6.9	0.480	0.100	0.7183	
360 minute summer	PP5b	7.000_1	SWMH17	6.2	0.742	0.081	0.5062	
360 minute summer	Road Tank 2	1.012_1	SWMH10	9.1	0.157	0.033	1.7283	

Results for 100 year +40% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.28%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	Outfall	176	15.283	0.063	9.8	0.0000	0.0000	OK
360 minute winter	PP2b	344	17.544	0.424	29.5	35.8860	0.0000	SURCHARGED
360 minute winter	PP3a	360	17.336	0.936	6.1	0.1165	0.0000	SURCHARGED
360 minute winter	SWMH04	344	17.544	1.394	71.5	2.4636	0.0000	SURCHARGED
360 minute winter	Roof 3	344	17.543	0.284	6.1	0.3208	0.0000	SURCHARGED
360 minute winter	Clean Tank 2	344	17.544	1.574	60.2	166.3331	0.0000	SURCHARGED
360 minute winter	SWMH02	344	17.544	1.144	40.4	2.0220	0.0000	SURCHARGED
360 minute winter	SWMH01	344	17.544	0.994	18.9	1.7569	0.0000	SURCHARGED
360 minute winter	SWMH17	360	17.337	1.171	33.1	1.3239	0.0000	SURCHARGED
360 minute winter	SWMH14	360	17.336	1.057	11.4	1.5130	0.0000	SURCHARGED
360 minute winter	Clean Tank 3	360	17.337	1.577	34.0	162.0486	0.0000	SURCHARGED
360 minute winter	SWMH20	264	17.084	1.314	20.9	1.4870	0.0000	SURCHARGED
360 minute winter	Grasscrete1	368	17.510	0.160	8.9	49.2604	0.0000	SURCHARGED
360 minute winter	PP4	360	17.336	0.816	3.7	8.0584	0.0000	FLOOD RISK
360 minute winter	PP5a	360	17.337	0.336	0.8	0.0000	0.0000	SURCHARGED
360 minute winter	SWMH15	360	17.336	1.344	11.3	1.5205	0.0000	SURCHARGED
360 minute winter	SWMH22	184	17.105	0.070	33.4	0.0996	0.0000	OK
360 minute winter	SWMH10	264	17.049	1.457	9.2	2.5751	0.0000	FLOOD RISK
360 minute winter	SWMH06	344	17.544	1.584	7.4	2.7990	0.0000	SURCHARGED
360 minute winter	SWMH08	360	17.337	1.583	11.2	2.7980	0.0000	SURCHARGED
360 minute winter	SWMH03	344	17.544	1.294	42.7	2.2869	0.0000	SURCHARGED
360 minute winter	Access Road Tank	232	16.400	1.100	15.8	14.2643	0.2161	FLOOD

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	PP2b	4.001	Clean Tank 2	-27.2	1.238	-0.120	0.2420	
360 minute winter	PP3a	3.001	SWMH13	6.2	0.454	0.147	3.0280	
360 minute winter	SWMH04	1.003	Clean Tank 1	96.8	2.262	0.089	0.2160	
360 minute winter	Roof 3	3.000	SWMH16	6.1	2.043	0.081	0.0990	
360 minute winter	Clean Tank 2	1.007_1	SWMH06	7.4	0.236	0.099	0.1549	
360 minute winter	SWMH02	1.001	SWMH03	36.7	0.887	0.136	10.3696	
360 minute winter	SWMH01	1.000	SWMH02	18.3	0.528	0.065	9.3758	
360 minute winter	SWMH17	5.000	Clean Tank 3	-24.2	1.816	-0.042	0.0704	
360 minute winter	SWMH14	4.000	SWMH15	11.3	0.882	0.116	2.6407	
360 minute winter	Clean Tank 3	1.008	SWMH08	-10.0	-0.538	-0.140	0.1197	
360 minute winter	SWMH20	12.002	SWMH09	20.6	0.541	0.269	2.0070	
360 minute winter	Grasscrete1	4.000_1	SWMH16	-8.8	-1.220	-1.641	0.0391	
360 minute winter	PP4	3.002	SWMH14	-3.5	0.516	-0.202	0.1690	
360 minute winter	PP5a	6.000	SWMH08	0.8	0.215	0.001	0.2041	
360 minute winter	SWMH15	8.003	SWMH08	10.5	0.505	0.070	0.9366	
360 minute winter	SWMH22	7.000	Road Tank 1	33.4	2.780	0.110	0.3925	
360 minute winter	SWMH10	1.013	Access Road Tank	8.9	0.387	0.092	2.6949	
360 minute winter	SWMH06	1.007	SWMH07	7.1	0.495	0.105	2.4647	
360 minute winter	SWMH08	1.009	SWMH09	5.0	0.428	0.032	0.4225	
360 minute winter	SWMH03	1.002	SWMH04	39.8	1.022	0.080	2.0523	
360 minute winter	Access Road Tank	1.012	SWMH11	10.6	0.291	0.120	0.2465	

Results for 100 year +40% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.28%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	SWMH05	344	17.544	1.542	56.7	2.7250	0.0000	SURCHARGED
360 minute winter	SWMH11	264	16.399	1.139	10.6	2.0134	0.0000	FLOOD RISK
360 minute winter	SWMH16	344	17.542	1.315	10.7	1.8824	0.0000	SURCHARGED
360 minute winter	Roof 4	344	17.544	0.544	6.1	0.6155	0.0000	SURCHARGED
360 minute winter	RoofX	360	17.336	0.936	3.4	1.0588	0.0000	SURCHARGED
360 minute winter	Road Tank 1	264	17.085	1.301	33.4	81.2701	0.0000	SURCHARGED
360 minute winter	Access Road	232	16.400	0.900	5.2	1.0179	1.1686	FLOOD
360 minute winter	Clean Tank 1	344	17.544	1.444	96.8	171.0855	0.0000	SURCHARGED
360 minute winter	SWMH09	264	17.050	1.417	23.0	1.6023	0.0000	SURCHARGED
360 minute winter	SWMH13	360	17.336	0.999	9.6	1.4300	0.0000	SURCHARGED
360 minute winter	PP2a	344	17.542	0.232	4.7	5.5411	0.0000	SURCHARGED
360 minute winter	SWMH07	360	17.337	1.507	7.1	1.7041	0.0000	SURCHARGED
360 minute winter	PP5b	360	17.337	1.137	8.3	25.8548	0.0000	SURCHARGED
360 minute winter	Road Tank 2	264	17.049	1.430	22.9	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	SWMH05	1.005	Clean Tank 2	58.3	0.786	0.214	2.1603	
360 minute winter	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	277.5
360 minute winter	SWMH16	3.001_1	Clean Tank 2	10.5	1.410	0.194	0.0440	
360 minute winter	Roof 4	2.000	SWMH03	6.1	1.639	0.019	0.4653	
360 minute winter	RoofX	9.000	SWMH13	3.4	0.401	0.038	0.6813	
360 minute winter	Road Tank 1	12.001	SWMH20	20.9	0.379	0.299	0.2465	
360 minute winter	Access Road	13.000	Access Road Tank	8.1	0.810	0.046	0.5702	
360 minute winter	Clean Tank 1	1.004	SWMH05	56.7	0.751	0.085	1.1234	
360 minute winter	SWMH09	1.011	Road Tank 2	22.9	0.598	0.356	0.2716	
360 minute winter	SWMH13	8.001	SWMH14	9.4	0.782	0.095	0.5217	
360 minute winter	PP2a	5.000_1	SWMH16	-4.1	1.833	-0.093	0.0156	
360 minute winter	SWMH07	1.008_1	Clean Tank 3	6.9	0.483	0.100	0.7183	
360 minute winter	PP5b	7.000_1	SWMH17	-7.6	0.682	-0.100	0.5062	
360 minute winter	Road Tank 2	1.012_1	SWMH10	9.2	0.199	0.033	1.7283	

Results for 100 year +40% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.30%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	Outfall	240	15.283	0.063	9.8	0.0000	0.0000	OK
480 minute summer	PP2b	480	17.536	0.416	27.7	35.1396	0.0000	SURCHARGED
480 minute summer	PP3a	480	17.367	0.967	7.3	0.8669	0.0000	SURCHARGED
480 minute summer	SWMH04	480	17.536	1.386	55.7	2.4486	0.0000	SURCHARGED
480 minute summer	Roof 3	480	17.536	0.277	7.3	0.3127	0.0000	SURCHARGED
480 minute summer	Clean Tank 2	480	17.536	1.566	50.2	166.3331	0.0000	SURCHARGED
480 minute summer	SWMH02	480	17.536	1.136	47.0	2.0070	0.0000	SURCHARGED
480 minute summer	SWMH01	480	17.536	0.986	22.5	1.7420	0.0000	SURCHARGED
480 minute summer	SWMH17	480	17.367	1.201	29.9	1.3582	0.0000	SURCHARGED
480 minute summer	SWMH14	480	17.367	1.088	13.5	1.5568	0.0000	SURCHARGED
480 minute summer	Clean Tank 3	480	17.367	1.607	56.5	162.0486	0.0000	SURCHARGED
480 minute summer	SWMH20	344	16.955	1.185	23.3	1.3405	0.0000	SURCHARGED
480 minute summer	Grasscrete1	488	17.528	0.178	8.0	55.8409	0.0000	SURCHARGED
480 minute summer	PP4	480	17.367	0.847	5.4	8.0584	0.0000	FLOOD RISK
480 minute summer	PP5a	480	17.367	0.367	0.9	0.0273	0.0000	SURCHARGED
480 minute summer	SWMH15	480	17.367	1.375	12.0	1.5550	0.0000	SURCHARGED
480 minute summer	SWMH22	248	17.111	0.076	39.8	0.1092	0.0000	OK
480 minute summer	SWMH10	344	16.940	1.348	9.1	2.3825	0.0000	SURCHARGED
480 minute summer	SWMH06	480	17.536	1.576	11.5	2.7842	0.0000	SURCHARGED
480 minute summer	SWMH08	480	17.367	1.614	12.3	2.8517	0.0000	SURCHARGED
480 minute summer	SWMH03	480	17.536	1.286	49.9	2.2720	0.0000	SURCHARGED
480 minute summer	Access Road Tank	304	16.400	1.100	15.2	14.2643	0.0314	FLOOD

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	PP2b	4.001	Clean Tank 2	-25.6	1.099	-0.113	0.2420	
480 minute summer	PP3a	3.001	SWMH13	7.4	0.476	0.175	3.0280	
480 minute summer	SWMH04	1.003	Clean Tank 1	51.4	2.150	0.047	0.2160	
480 minute summer	Roof 3	3.000	SWMH16	7.3	1.979	0.097	0.0990	
480 minute summer	Clean Tank 2	1.007_1	SWMH06	11.5	0.215	0.154	0.1549	
480 minute summer	SWMH02	1.001	SWMH03	42.6	0.846	0.158	10.3696	
480 minute summer	SWMH01	1.000	SWMH02	20.0	0.536	0.070	9.3758	
480 minute summer	SWMH17	5.000	Clean Tank 3	44.1	1.628	0.076	0.0704	
480 minute summer	SWMH14	4.000	SWMH15	12.0	0.746	0.123	2.6407	
480 minute summer	Clean Tank 3	1.008	SWMH08	-8.6	-0.495	-0.121	0.1197	
480 minute summer	SWMH20	12.002	SWMH09	23.0	0.482	0.299	2.0070	
480 minute summer	Grasscrete1	4.000_1	SWMH16	-7.9	-1.109	-1.469	0.0391	
480 minute summer	PP4	3.002	SWMH14	-5.2	0.547	-0.301	0.1690	
480 minute summer	PP5a	6.000	SWMH08	0.9	0.315	0.001	0.2041	
480 minute summer	SWMH15	8.003	SWMH08	11.4	0.442	0.077	0.9366	
480 minute summer	SWMH22	7.000	Road Tank 1	39.8	2.916	0.131	0.3904	
480 minute summer	SWMH10	1.013	Access Road Tank	8.9	0.402	0.092	2.6949	
480 minute summer	SWMH06	1.007	SWMH07	7.0	0.493	0.104	2.4647	
480 minute summer	SWMH08	1.009	SWMH09	5.1	0.344	0.032	0.4225	
480 minute summer	SWMH03	1.002	SWMH04	48.0	0.938	0.096	2.0523	
480 minute summer	Access Road Tank	1.012	SWMH11	10.3	0.292	0.117	0.2465	

Results for 100 year +40% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.30%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	SWMH05	480	17.536	1.534	47.9	2.7101	0.0000	SURCHARGED
480 minute summer	SWMH11	304	16.399	1.139	10.3	2.0135	0.0000	FLOOD RISK
480 minute summer	SWMH16	480	17.535	1.308	12.9	1.8723	0.0000	SURCHARGED
480 minute summer	Roof 4	480	17.536	0.536	7.3	0.6060	0.0000	SURCHARGED
480 minute summer	RoofX	480	17.367	0.967	4.1	1.0936	0.0000	SURCHARGED
480 minute summer	Road Tank 1	344	16.955	1.171	39.8	81.2701	0.0000	SURCHARGED
480 minute summer	Access Road	296	16.400	0.900	11.0	1.0179	0.5115	FLOOD
480 minute summer	Clean Tank 1	480	17.536	1.436	51.4	171.0855	0.0000	SURCHARGED
480 minute summer	SWMH09	344	16.941	1.308	25.6	1.4791	0.0000	SURCHARGED
480 minute summer	SWMH13	480	17.367	1.030	11.5	1.4738	0.0000	SURCHARGED
480 minute summer	PP2a	480	17.535	0.225	4.4	5.3659	0.0000	SURCHARGED
480 minute summer	SWMH07	480	17.367	1.537	7.0	1.7384	0.0000	SURCHARGED
480 minute summer	PP5b	480	17.367	1.167	6.4	27.8151	0.0000	SURCHARGED
480 minute summer	Road Tank 2	344	16.940	1.321	25.4	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	SWMH05	1.005	Clean Tank 2	45.8	0.703	0.168	2.1603	
480 minute summer	SWMH11	1.015	Outfall	9.8	0.850	0.098	0.0576	326.4
480 minute summer	SWMH16	3.001_1	Clean Tank 2	12.6	1.239	0.233	0.0440	
480 minute summer	Roof 4	2.000	SWMH03	7.3	1.583	0.023	0.4653	
480 minute summer	RoofX	9.000	SWMH13	4.1	0.417	0.046	0.6813	
480 minute summer	Road Tank 1	12.001	SWMH20	23.3	0.355	0.333	0.2465	
480 minute summer	Access Road	13.000	Access Road Tank	7.6	0.718	0.044	0.5702	
480 minute summer	Clean Tank 1	1.004	SWMH05	47.9	0.819	0.072	1.1234	
480 minute summer	SWMH09	1.011	Road Tank 2	25.4	0.538	0.396	0.2716	
480 minute summer	SWMH13	8.001	SWMH14	11.0	0.791	0.112	0.5217	
480 minute summer	PP2a	5.000_1	SWMH16	-3.9	1.735	-0.088	0.0156	
480 minute summer	SWMH07	1.008_1	Clean Tank 3	6.9	0.470	0.099	0.7183	
480 minute summer	PP5b	7.000_1	SWMH17	-5.8	0.651	-0.076	0.5062	
480 minute summer	Road Tank 2	1.012_1	SWMH10	9.1	0.177	0.033	1.7283	

Results for 100 year +40% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.30%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	Outfall	240	15.283	0.063	9.8	0.0000	0.0000	OK
480 minute winter	PP2b	456	17.544	0.424	38.1	35.8541	0.0000	SURCHARGED
480 minute winter	PP3a	472	17.377	0.977	4.8	1.1266	0.0000	SURCHARGED
480 minute winter	SWMH04	456	17.544	1.394	57.9	2.4629	0.0000	SURCHARGED
480 minute winter	Roof 3	456	17.543	0.284	4.8	0.3213	0.0000	SURCHARGED
480 minute winter	Clean Tank 2	456	17.544	1.574	54.1	166.3331	0.0000	SURCHARGED
480 minute winter	SWMH02	456	17.544	1.144	31.8	2.0213	0.0000	SURCHARGED
480 minute winter	SWMH01	456	17.544	0.994	14.9	1.7562	0.0000	SURCHARGED
480 minute winter	SWMH17	472	17.377	1.211	26.4	1.3698	0.0000	SURCHARGED
480 minute winter	SWMH14	472	17.377	1.098	9.2	1.5717	0.0000	SURCHARGED
480 minute winter	Clean Tank 3	472	17.377	1.617	36.8	162.0486	0.0000	SURCHARGED
480 minute winter	SWMH20	360	17.015	1.245	17.2	1.4091	0.0000	SURCHARGED
480 minute winter	Grasscrete1	480	17.531	0.181	8.9	56.9357	0.0000	SURCHARGED
480 minute winter	PP4	472	17.377	0.857	2.2	8.0584	0.0000	FLOOD RISK
480 minute winter	PP5a	472	17.377	0.377	0.6	0.1665	0.0000	SURCHARGED
480 minute winter	SWMH15	472	17.377	1.385	8.8	1.5666	0.0000	SURCHARGED
480 minute winter	SWMH22	248	17.097	0.062	26.4	0.0882	0.0000	OK
480 minute winter	SWMH10	360	16.999	1.407	8.6	2.4870	0.0000	SURCHARGED
480 minute winter	SWMH06	456	17.544	1.584	7.2	2.7984	0.0000	SURCHARGED
480 minute winter	SWMH08	472	17.377	1.624	9.1	2.8697	0.0000	SURCHARGED
480 minute winter	SWMH03	456	17.544	1.294	33.6	2.2862	0.0000	SURCHARGED
480 minute winter	Access Road Tank	336	16.400	1.100	19.8	14.2643	0.0099	FLOOD

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	PP2b	4.001	Clean Tank 2	-36.0	-1.318	-0.159	0.2420	
480 minute winter	PP3a	3.001	SWMH13	4.8	0.437	0.114	3.0280	
480 minute winter	SWMH04	1.003	Clean Tank 1	48.6	2.054	0.045	0.2160	
480 minute winter	Roof 3	3.000	SWMH16	4.8	1.936	0.064	0.0990	
480 minute winter	Clean Tank 2	1.007_1	SWMH06	7.2	0.214	0.096	0.1549	
480 minute winter	SWMH02	1.001	SWMH03	28.9	0.829	0.107	10.3696	
480 minute winter	SWMH01	1.000	SWMH02	13.9	0.489	0.049	9.3758	
480 minute winter	SWMH17	5.000	Clean Tank 3	21.7	1.664	0.038	0.0704	
480 minute winter	SWMH14	4.000	SWMH15	8.8	0.796	0.091	2.6407	
480 minute winter	Clean Tank 3	1.008	SWMH08	-10.3	-0.452	-0.144	0.1197	
480 minute winter	SWMH20	12.002	SWMH09	17.0	0.504	0.222	2.0070	
480 minute winter	Grasscrete1	4.000_1	SWMH16	-8.8	-1.195	-1.626	0.0391	
480 minute winter	PP4	3.002	SWMH14	-2.0	0.479	-0.116	0.1690	
480 minute winter	PP5a	6.000	SWMH08	0.6	0.425	0.001	0.2041	
480 minute winter	SWMH15	8.003	SWMH08	8.5	0.509	0.057	0.9366	
480 minute winter	SWMH22	7.000	Road Tank 1	26.4	2.605	0.087	0.3853	
480 minute winter	SWMH10	1.013	Access Road Tank	8.8	0.398	0.091	2.6949	
480 minute winter	SWMH06	1.007	SWMH07	7.0	0.496	0.103	2.4647	
480 minute winter	SWMH08	1.009	SWMH09	5.1	0.237	0.032	0.4225	
480 minute winter	SWMH03	1.002	SWMH04	33.7	0.939	0.068	2.0523	
480 minute winter	Access Road Tank	1.012	SWMH11	10.5	0.298	0.120	0.2465	

Results for 100 year +40% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.30%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	SWMH05	456	17.544	1.542	48.6	2.7244	0.0000	SURCHARGED
480 minute winter	SWMH11	336	16.400	1.139	10.5	2.0135	0.0000	FLOOD RISK
480 minute winter	SWMH16	456	17.543	1.316	8.9	1.8831	0.0000	SURCHARGED
480 minute winter	Roof 4	456	17.544	0.544	4.8	0.6151	0.0000	SURCHARGED
480 minute winter	RoofX	472	17.377	0.977	2.7	1.1053	0.0000	SURCHARGED
480 minute winter	Road Tank 1	360	17.016	1.232	26.4	81.2701	0.0000	SURCHARGED
480 minute winter	Access Road	336	16.400	0.900	9.0	1.0179	0.0930	FLOOD
480 minute winter	Clean Tank 1	456	17.544	1.444	48.6	171.0855	0.0000	SURCHARGED
480 minute winter	SWMH09	360	17.000	1.367	19.7	1.5460	0.0000	SURCHARGED
480 minute winter	SWMH13	472	17.377	1.040	7.5	1.4887	0.0000	SURCHARGED
480 minute winter	PP2a	456	17.543	0.233	4.8	5.5544	0.0000	SURCHARGED
480 minute winter	SWMH07	472	17.377	1.547	7.0	1.7499	0.0000	SURCHARGED
480 minute winter	PP5b	472	17.377	1.177	7.8	28.4759	0.0000	SURCHARGED
480 minute winter	Road Tank 2	360	17.000	1.381	19.5	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	SWMH05	1.005	Clean Tank 2	49.8	0.706	0.182	2.1603	
480 minute winter	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	329.5
480 minute winter	SWMH16	3.001_1	Clean Tank 2	8.3	1.276	0.155	0.0440	
480 minute winter	Roof 4	2.000	SWMH03	5.1	1.517	0.016	0.4653	
480 minute winter	RoofX	9.000	SWMH13	2.7	0.398	0.030	0.6813	
480 minute winter	Road Tank 1	12.001	SWMH20	17.2	0.357	0.246	0.2465	
480 minute winter	Access Road	13.000	Access Road Tank	11.5	0.767	0.066	0.5702	
480 minute winter	Clean Tank 1	1.004	SWMH05	48.6	0.816	0.073	1.1234	
480 minute winter	SWMH09	1.011	Road Tank 2	19.5	0.564	0.305	0.2716	
480 minute winter	SWMH13	8.001	SWMH14	7.6	0.731	0.077	0.5217	
480 minute winter	PP2a	5.000_1	SWMH16	-4.3	1.826	-0.097	0.0156	
480 minute winter	SWMH07	1.008_1	Clean Tank 3	6.9	0.470	0.100	0.7183	
480 minute winter	PP5b	7.000_1	SWMH17	-7.0	0.610	-0.092	0.5062	
480 minute winter	Road Tank 2	1.012_1	SWMH10	8.6	0.159	0.031	1.7283	

Results for 100 year +40% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.34%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	Outfall	300	15.283	0.063	9.8	0.0000	0.0000	OK
600 minute summer	PP2b	600	17.529	0.409	22.8	34.5208	0.0000	SURCHARGED
600 minute summer	PP3a	600	17.363	0.963	5.9	0.7618	0.0000	SURCHARGED
600 minute summer	SWMH04	600	17.529	1.379	61.3	2.4363	0.0000	SURCHARGED
600 minute summer	Roof 3	600	17.529	0.270	5.9	0.3051	0.0000	SURCHARGED
600 minute summer	Clean Tank 2	600	17.529	1.559	40.2	166.3331	0.0000	SURCHARGED
600 minute summer	SWMH02	600	17.529	1.129	38.0	1.9946	0.0000	SURCHARGED
600 minute summer	SWMH01	600	17.529	0.979	18.1	1.7296	0.0000	SURCHARGED
600 minute summer	SWMH17	600	17.363	1.197	6.4	1.3534	0.0000	SURCHARGED
600 minute summer	SWMH14	600	17.363	1.084	11.2	1.5507	0.0000	SURCHARGED
600 minute summer	Clean Tank 3	600	17.363	1.603	27.4	162.0486	0.0000	SURCHARGED
600 minute summer	SWMH20	420	16.906	1.136	20.1	1.2850	0.0000	SURCHARGED
600 minute summer	Grasscrete1	615	17.525	0.175	7.4	54.8766	0.0000	SURCHARGED
600 minute summer	PP4	600	17.363	0.843	1.5	8.0584	0.0000	FLOOD RISK
600 minute summer	PP5a	600	17.363	0.363	0.7	0.0041	0.0000	SURCHARGED
600 minute summer	SWMH15	600	17.363	1.371	10.1	1.5501	0.0000	SURCHARGED
600 minute summer	SWMH22	315	17.103	0.068	32.0	0.0974	0.0000	OK
600 minute summer	SWMH10	420	16.893	1.301	8.5	2.2982	0.0000	SURCHARGED
600 minute summer	SWMH06	600	17.529	1.569	7.0	2.7719	0.0000	SURCHARGED
600 minute summer	SWMH08	600	17.363	1.610	10.3	2.8441	0.0000	SURCHARGED
600 minute summer	SWMH03	600	17.529	1.279	40.4	2.2596	0.0000	SURCHARGED
600 minute summer	Access Road Tank	375	16.364	1.064	16.8	14.2643	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	PP2b	4.001	Clean Tank 2	-21.0	1.005	-0.093	0.2420	
600 minute summer	PP3a	3.001	SWMH13	5.8	0.451	0.139	3.0280	
600 minute summer	SWMH04	1.003	Clean Tank 1	67.2	1.534	0.062	0.2160	
600 minute summer	Roof 3	3.000	SWMH16	5.9	1.835	0.079	0.0990	
600 minute summer	Clean Tank 2	1.007_1	SWMH06	7.0	0.207	0.094	0.1549	
600 minute summer	SWMH02	1.001	SWMH03	34.5	0.782	0.128	10.3696	
600 minute summer	SWMH01	1.000	SWMH02	16.3	0.479	0.057	9.3758	
600 minute summer	SWMH17	5.000	Clean Tank 3	17.8	1.496	0.031	0.0704	
600 minute summer	SWMH14	4.000	SWMH15	10.1	0.674	0.104	2.6407	
600 minute summer	Clean Tank 3	1.008	SWMH08	-7.2	-0.446	-0.101	0.1197	
600 minute summer	SWMH20	12.002	SWMH09	19.8	0.452	0.258	2.0070	
600 minute summer	Grasscrete1	4.000_1	SWMH16	-7.3	-1.034	-1.350	0.0391	
600 minute summer	PP4	3.002	SWMH14	-1.3	0.515	-0.076	0.1690	
600 minute summer	PP5a	6.000	SWMH08	0.7	0.594	0.001	0.2041	
600 minute summer	SWMH15	8.003	SWMH08	9.6	0.386	0.064	0.9366	
600 minute summer	SWMH22	7.000	Road Tank 1	32.0	2.748	0.106	0.3808	
600 minute summer	SWMH10	1.013	Access Road Tank	8.5	0.404	0.088	2.6949	
600 minute summer	SWMH06	1.007	SWMH07	6.8	0.479	0.101	2.4647	
600 minute summer	SWMH08	1.009	SWMH09	5.1	0.214	0.032	0.4225	
600 minute summer	SWMH03	1.002	SWMH04	39.4	0.890	0.079	2.0523	
600 minute summer	Access Road Tank	1.012	SWMH11	10.1	0.298	0.115	0.2465	

Results for 100 year +40% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.34%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	SWMH05	600	17.529	1.527	33.0	2.6978	0.0000	SURCHARGED
600 minute summer	SWMH11	375	16.364	1.104	10.1	1.9507	0.0000	FLOOD RISK
600 minute summer	SWMH16	600	17.529	1.302	10.3	1.8627	0.0000	SURCHARGED
600 minute summer	Roof 4	600	17.529	0.529	5.9	0.5981	0.0000	SURCHARGED
600 minute summer	RoofX	600	17.363	0.963	3.3	1.0887	0.0000	SURCHARGED
600 minute summer	Road Tank 1	420	16.906	1.122	32.0	81.2701	0.0000	SURCHARGED
600 minute summer	Access Road	375	16.365	0.865	5.0	0.9778	0.0000	FLOOD RISK
600 minute summer	Clean Tank 1	600	17.529	1.429	69.3	171.0855	0.0000	SURCHARGED
600 minute summer	SWMH09	420	16.893	1.260	22.6	1.4251	0.0000	SURCHARGED
600 minute summer	SWMH13	600	17.363	1.026	9.1	1.4677	0.0000	SURCHARGED
600 minute summer	PP2a	600	17.529	0.219	2.9	5.1977	0.0000	SURCHARGED
600 minute summer	SWMH07	600	17.363	1.533	6.8	1.7336	0.0000	SURCHARGED
600 minute summer	PP5b	600	17.363	1.163	6.1	27.5388	0.0000	SURCHARGED
600 minute summer	Road Tank 2	420	16.893	1.274	22.4	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	SWMH05	1.005	Clean Tank 2	33.5	0.635	0.123	2.1603	
600 minute summer	SWMH11	1.015	Outfall	9.8	0.850	0.098	0.0576	373.9
600 minute summer	SWMH16	3.001_1	Clean Tank 2	10.1	1.161	0.187	0.0440	
600 minute summer	Roof 4	2.000	SWMH03	5.9	1.481	0.019	0.4653	
600 minute summer	RoofX	9.000	SWMH13	3.3	0.399	0.037	0.6813	
600 minute summer	Road Tank 1	12.001	SWMH20	20.1	0.353	0.287	0.2465	
600 minute summer	Access Road	13.000	Access Road Tank	8.6	0.575	0.049	0.5702	
600 minute summer	Clean Tank 1	1.004	SWMH05	33.0	0.646	0.050	1.1234	
600 minute summer	SWMH09	1.011	Road Tank 2	22.4	0.500	0.350	0.2716	
600 minute summer	SWMH13	8.001	SWMH14	9.2	0.732	0.094	0.5217	
600 minute summer	PP2a	5.000_1	SWMH16	-2.5	1.694	-0.057	0.0156	
600 minute summer	SWMH07	1.008_1	Clean Tank 3	6.7	0.468	0.097	0.7183	
600 minute summer	PP5b	7.000_1	SWMH17	-5.5	0.575	-0.073	0.5062	
600 minute summer	Road Tank 2	1.012_1	SWMH10	8.5	0.140	0.030	1.7283	

Results for 100 year +40% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.35%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	Outfall	315	15.283	0.063	9.8	0.0000	0.0000	OK
600 minute winter	PP2b	570	17.529	0.409	21.3	34.5740	0.0000	SURCHARGED
600 minute winter	PP3a	600	17.351	0.951	4.0	0.4742	0.0000	SURCHARGED
600 minute winter	SWMH04	570	17.529	1.379	64.5	2.4373	0.0000	SURCHARGED
600 minute winter	Roof 3	570	17.529	0.270	4.0	0.3055	0.0000	SURCHARGED
600 minute winter	Clean Tank 2	570	17.529	1.559	38.6	166.3331	0.0000	SURCHARGED
600 minute winter	SWMH02	570	17.529	1.129	25.9	1.9957	0.0000	SURCHARGED
600 minute winter	SWMH01	570	17.529	0.979	12.3	1.7307	0.0000	SURCHARGED
600 minute winter	SWMH17	600	17.351	1.185	15.3	1.3401	0.0000	SURCHARGED
600 minute winter	SWMH14	600	17.351	1.072	7.2	1.5339	0.0000	SURCHARGED
600 minute winter	Clean Tank 3	600	17.351	1.591	33.4	162.0486	0.0000	SURCHARGED
600 minute winter	SWMH20	465	16.787	1.017	14.7	1.1512	0.0000	SURCHARGED
600 minute winter	Grasscrete1	600	17.525	0.175	8.0	54.8119	0.0000	SURCHARGED
600 minute winter	PP4	600	17.351	0.831	1.5	8.0584	0.0000	FLOOD RISK
600 minute winter	PP5a	600	17.351	0.351	0.5	0.0000	0.0000	SURCHARGED
600 minute winter	SWMH15	600	17.351	1.359	7.1	1.5369	0.0000	SURCHARGED
600 minute winter	SWMH22	315	17.091	0.056	21.8	0.0800	0.0000	OK
600 minute winter	SWMH10	465	16.779	1.187	8.5	2.0975	0.0000	SURCHARGED
600 minute winter	SWMH06	570	17.529	1.569	6.9	2.7729	0.0000	SURCHARGED
600 minute winter	SWMH08	600	17.351	1.598	7.6	2.8234	0.0000	SURCHARGED
600 minute winter	SWMH03	570	17.529	1.279	34.8	2.2607	0.0000	SURCHARGED
600 minute winter	Access Road Tank	420	16.323	1.023	11.4	14.2643	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	PP2b	4.001	Clean Tank 2	-19.6	1.084	-0.087	0.2420	
600 minute winter	PP3a	3.001	SWMH13	4.1	0.408	0.097	3.0280	
600 minute winter	SWMH04	1.003	Clean Tank 1	38.6	1.747	0.035	0.2160	
600 minute winter	Roof 3	3.000	SWMH16	4.0	1.798	0.053	0.0990	
600 minute winter	Clean Tank 2	1.007_1	SWMH06	6.9	0.200	0.093	0.1549	
600 minute winter	SWMH02	1.001	SWMH03	23.8	0.794	0.088	10.3696	
600 minute winter	SWMH01	1.000	SWMH02	11.7	0.454	0.041	9.3758	
600 minute winter	SWMH17	5.000	Clean Tank 3	21.0	1.544	0.036	0.0704	
600 minute winter	SWMH14	4.000	SWMH15	7.1	0.699	0.074	2.6407	
600 minute winter	Clean Tank 3	1.008	SWMH08	-8.1	-0.401	-0.114	0.1197	
600 minute winter	SWMH20	12.002	SWMH09	14.6	0.480	0.190	2.0070	
600 minute winter	Grasscrete1	4.000_1	SWMH16	-7.9	-1.096	-1.457	0.0391	
600 minute winter	PP4	3.002	SWMH14	-1.3	0.458	-0.074	0.1690	
600 minute winter	PP5a	6.000	SWMH08	0.5	0.120	0.001	0.2041	
600 minute winter	SWMH15	8.003	SWMH08	7.1	0.402	0.047	0.9366	
600 minute winter	SWMH22	7.000	Road Tank 1	21.8	2.466	0.072	0.3780	
600 minute winter	SWMH10	1.013	Access Road Tank	8.8	0.394	0.091	2.6949	
600 minute winter	SWMH06	1.007	SWMH07	6.7	0.485	0.100	2.4647	
600 minute winter	SWMH08	1.009	SWMH09	5.1	0.270	0.032	0.4225	
600 minute winter	SWMH03	1.002	SWMH04	34.0	0.903	0.068	2.0523	
600 minute winter	Access Road Tank	1.012	SWMH11	9.8	0.321	0.112	0.2465	

Results for 100 year +40% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.35%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	SWMH05	570	17.529	1.527	31.9	2.6988	0.0000	SURCHARGED
600 minute winter	SWMH11	420	16.323	1.063	9.8	1.8779	0.0000	FLOOD RISK
600 minute winter	SWMH16	570	17.529	1.302	8.1	1.8632	0.0000	SURCHARGED
600 minute winter	Roof 4	570	17.529	0.529	4.0	0.5987	0.0000	SURCHARGED
600 minute winter	RoofX	600	17.351	0.951	2.3	1.0755	0.0000	SURCHARGED
600 minute winter	Road Tank 1	465	16.788	1.004	21.8	81.2701	0.0000	SURCHARGED
600 minute winter	Access Road	420	16.323	0.823	9.3	0.9311	0.0000	FLOOD RISK
600 minute winter	Clean Tank 1	570	17.529	1.429	60.0	171.0855	0.0000	SURCHARGED
600 minute winter	SWMH09	465	16.779	1.146	17.4	1.2967	0.0000	SURCHARGED
600 minute winter	SWMH13	600	17.351	1.014	6.4	1.4509	0.0000	SURCHARGED
600 minute winter	PP2a	570	17.529	0.219	4.1	5.2072	0.0000	SURCHARGED
600 minute winter	SWMH07	600	17.351	1.521	6.7	1.7203	0.0000	SURCHARGED
600 minute winter	PP5b	600	17.351	1.151	5.6	26.7808	0.0000	SURCHARGED
600 minute winter	Road Tank 2	465	16.779	1.160	17.3	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	SWMH05	1.005	Clean Tank 2	31.6	0.662	0.116	2.1603	
600 minute winter	SWMH11	1.015	Outfall	9.8	0.850	0.098	0.0576	378.7
600 minute winter	SWMH16	3.001_1	Clean Tank 2	10.3	1.235	0.191	0.0440	
600 minute winter	Roof 4	2.000	SWMH03	4.0	1.405	0.013	0.4653	
600 minute winter	RoofX	9.000	SWMH13	2.3	0.361	0.026	0.6813	
600 minute winter	Road Tank 1	12.001	SWMH20	14.7	0.349	0.210	0.2465	
600 minute winter	Access Road	13.000	Access Road Tank	-6.1	0.655	-0.035	0.5702	
600 minute winter	Clean Tank 1	1.004	SWMH05	31.9	0.674	0.048	1.1234	
600 minute winter	SWMH09	1.011	Road Tank 2	17.3	0.539	0.270	0.2716	
600 minute winter	SWMH13	8.001	SWMH14	5.9	0.689	0.060	0.5217	
600 minute winter	PP2a	5.000_1	SWMH16	-3.7	1.721	-0.085	0.0156	
600 minute winter	SWMH07	1.008_1	Clean Tank 3	6.7	0.469	0.096	0.7183	
600 minute winter	PP5b	7.000_1	SWMH17	-4.9	0.572	-0.065	0.5062	
600 minute winter	Road Tank 2	1.012_1	SWMH10	8.5	0.173	0.030	1.7283	

Results for 100 year +40% CC 720 minute summer. 960 minute analysis at 15 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
720 minute summer	Outfall	945	15.283	0.063	9.8	0.0000	0.0000	OK
720 minute summer	PP2b	720	17.517	0.397	14.8	33.4762	0.0000	SURCHARGED
720 minute summer	PP3a	720	17.347	0.947	5.1	0.3767	0.0000	SURCHARGED
720 minute summer	SWMH04	720	17.517	1.367	61.0	2.4154	0.0000	SURCHARGED
720 minute summer	Roof 3	720	17.517	0.258	5.1	0.2918	0.0000	SURCHARGED
720 minute summer	Clean Tank 2	720	17.517	1.547	49.5	166.3331	0.0000	SURCHARGED
720 minute summer	SWMH02	720	17.517	1.117	33.9	1.9737	0.0000	SURCHARGED
720 minute summer	SWMH01	720	17.517	0.967	15.8	1.7087	0.0000	SURCHARGED
720 minute summer	SWMH17	720	17.347	1.181	9.4	1.3357	0.0000	SURCHARGED
720 minute summer	SWMH14	720	17.347	1.068	9.1	1.5282	0.0000	SURCHARGED
720 minute summer	Clean Tank 3	720	17.347	1.587	25.9	162.0486	0.0000	SURCHARGED
720 minute summer	SWMH20	525	16.672	0.902	17.9	1.0212	0.0000	SURCHARGED
720 minute summer	Grasscrete1	720	17.515	0.165	6.7	51.2144	0.0000	SURCHARGED
720 minute summer	PP4	720	17.347	0.827	2.2	8.0584	0.0000	FLOOD RISK
720 minute summer	PP5a	720	17.347	0.347	0.6	0.0000	0.0000	SURCHARGED
720 minute summer	SWMH15	720	17.347	1.355	8.4	1.5324	0.0000	SURCHARGED
720 minute summer	SWMH22	375	17.099	0.064	28.0	0.0909	0.0000	OK
720 minute summer	SWMH10	525	16.666	1.074	8.5	1.8971	0.0000	SURCHARGED
720 minute summer	SWMH06	720	17.517	1.557	7.5	2.7510	0.0000	SURCHARGED
720 minute summer	SWMH08	720	17.347	1.594	8.7	2.8164	0.0000	SURCHARGED
720 minute summer	SWMH03	720	17.517	1.267	35.6	2.2387	0.0000	SURCHARGED
720 minute summer	Access Road Tank	450	16.312	1.012	14.8	14.2643	0.0000	FLOOD RISK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	PP2b	4.001	Clean Tank 2	-13.0	1.006	-0.058	0.2420	
720 minute summer	PP3a	3.001	SWMH13	5.1	0.436	0.122	3.0280	
720 minute summer	SWMH04	1.003	Clean Tank 1	36.6	1.527	0.034	0.2160	
720 minute summer	Roof 3	3.000	SWMH16	5.1	1.770	0.068	0.0990	
720 minute summer	Clean Tank 2	1.007_1	SWMH06	7.5	0.193	0.101	0.1549	
720 minute summer	SWMH02	1.001	SWMH03	30.5	0.760	0.113	10.3696	
720 minute summer	SWMH01	1.000	SWMH02	14.9	0.471	0.052	9.3758	
720 minute summer	SWMH17	5.000	Clean Tank 3	22.0	1.389	0.038	0.0704	
720 minute summer	SWMH14	4.000	SWMH15	8.4	0.625	0.087	2.6407	
720 minute summer	Clean Tank 3	1.008	SWMH08	-9.0	-0.442	-0.127	0.1197	
720 minute summer	SWMH20	12.002	SWMH09	17.7	0.432	0.231	2.0070	
720 minute summer	Grasscrete1	4.000_1	SWMH16	-6.6	-0.974	-1.220	0.0391	
720 minute summer	PP4	3.002	SWMH14	-2.0	0.478	-0.118	0.1690	
720 minute summer	PP5a	6.000	SWMH08	0.6	0.224	0.001	0.2041	
720 minute summer	SWMH15	8.003	SWMH08	8.1	0.380	0.054	0.9366	
720 minute summer	SWMH22	7.000	Road Tank 1	28.0	2.648	0.092	0.3745	
720 minute summer	SWMH10	1.013	Access Road Tank	8.5	0.413	0.088	2.6949	
720 minute summer	SWMH06	1.007	SWMH07	6.7	0.474	0.099	2.4647	
720 minute summer	SWMH08	1.009	SWMH09	7.6	0.299	0.048	0.4225	
720 minute summer	SWMH03	1.002	SWMH04	42.7	0.909	0.086	2.0523	
720 minute summer	Access Road Tank	1.012	SWMH11	10.1	0.309	0.115	0.2465	

Results for 100 year +40% CC 720 minute summer. 960 minute analysis at 15 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
720 minute summer	SWMH05	720	17.517	1.515	46.6	2.6769	0.0000	SURCHARGED
720 minute summer	SWMH11	450	16.312	1.052	10.1	1.8584	0.0000	FLOOD RISK
720 minute summer	SWMH16	720	17.517	1.290	9.1	1.8459	0.0000	SURCHARGED
720 minute summer	Roof 4	720	17.517	0.517	5.1	0.5847	0.0000	SURCHARGED
720 minute summer	RoofX	720	17.347	0.947	2.9	1.0710	0.0000	SURCHARGED
720 minute summer	Road Tank 1	525	16.673	0.889	28.0	80.1876	0.0000	SURCHARGED
720 minute summer	Access Road	450	16.312	0.812	8.6	0.9187	0.0000	FLOOD RISK
720 minute summer	Clean Tank 1	720	17.517	1.417	36.6	171.0855	0.0000	SURCHARGED
720 minute summer	SWMH09	525	16.666	1.033	20.6	1.1684	0.0000	SURCHARGED
720 minute summer	SWMH13	720	17.347	1.010	8.0	1.4452	0.0000	SURCHARGED
720 minute summer	PP2a	720	17.517	0.207	2.0	4.9065	0.0000	SURCHARGED
720 minute summer	SWMH07	720	17.347	1.517	6.7	1.7158	0.0000	SURCHARGED
720 minute summer	PP5b	720	17.347	1.147	4.5	26.5252	0.0000	SURCHARGED
720 minute summer	Road Tank 2	525	16.666	1.047	20.5	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	SWMH05	1.005	Clean Tank 2	46.6	0.615	0.171	2.1603	
720 minute summer	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	423.3
720 minute summer	SWMH16	3.001_1	Clean Tank 2	8.9	1.128	0.165	0.0440	
720 minute summer	Roof 4	2.000	SWMH03	5.1	1.457	0.016	0.4653	
720 minute summer	RoofX	9.000	SWMH13	2.9	0.386	0.032	0.6813	
720 minute summer	Road Tank 1	12.001	SWMH20	17.9	0.347	0.257	0.2465	
720 minute summer	Access Road	13.000	Access Road Tank	7.0	0.538	0.040	0.5702	
720 minute summer	Clean Tank 1	1.004	SWMH05	46.6	0.726	0.070	1.1234	
720 minute summer	SWMH09	1.011	Road Tank 2	20.5	0.499	0.320	0.2716	
720 minute summer	SWMH13	8.001	SWMH14	7.4	0.715	0.075	0.5217	
720 minute summer	PP2a	5.000_1	SWMH16	-1.6	1.668	-0.036	0.0156	
720 minute summer	SWMH07	1.008_1	Clean Tank 3	6.6	0.454	0.096	0.7183	
720 minute summer	PP5b	7.000_1	SWMH17	-3.9	0.561	-0.051	0.5062	
720 minute summer	Road Tank 2	1.012_1	SWMH10	8.5	0.144	0.030	1.7283	

Results for 100 year +40% CC 720 minute winter. 960 minute analysis at 15 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
720 minute winter	Outfall	555	15.283	0.063	9.8	0.0000	0.0000	OK
720 minute winter	PP2b	690	17.527	0.407	16.1	34.3703	0.0000	SURCHARGED
720 minute winter	PP3a	705	17.381	0.981	3.4	1.2128	0.0000	SURCHARGED
720 minute winter	SWMH04	690	17.527	1.377	66.3	2.4333	0.0000	SURCHARGED
720 minute winter	Roof 3	690	17.527	0.268	3.4	0.3031	0.0000	SURCHARGED
720 minute winter	Clean Tank 2	690	17.527	1.557	38.8	166.3331	0.0000	SURCHARGED
720 minute winter	SWMH02	690	17.527	1.127	22.5	1.9916	0.0000	SURCHARGED
720 minute winter	SWMH01	690	17.527	0.977	10.6	1.7265	0.0000	SURCHARGED
720 minute winter	SWMH17	705	17.381	1.215	18.2	1.3742	0.0000	SURCHARGED
720 minute winter	SWMH14	705	17.381	1.102	6.3	1.5769	0.0000	SURCHARGED
720 minute winter	Clean Tank 3	705	17.381	1.621	13.6	162.0486	0.0000	SURCHARGED
720 minute winter	SWMH20	660	16.856	1.086	13.0	1.2288	0.0000	SURCHARGED
720 minute winter	Grasscrete1	705	17.525	0.175	7.3	54.7839	0.0000	SURCHARGED
720 minute winter	PP4	705	17.381	0.861	1.5	8.0584	0.0000	FLOOD RISK
720 minute winter	PP5a	705	17.381	0.381	0.4	0.2374	0.0000	SURCHARGED
720 minute winter	SWMH15	705	17.381	1.389	5.9	1.5709	0.0000	SURCHARGED
720 minute winter	SWMH22	375	17.087	0.052	18.8	0.0743	0.0000	OK
720 minute winter	SWMH10	660	16.852	1.260	8.4	2.2269	0.0000	SURCHARGED
720 minute winter	SWMH06	690	17.527	1.567	6.7	2.7689	0.0000	SURCHARGED
720 minute winter	SWMH08	705	17.381	1.628	8.5	2.8766	0.0000	SURCHARGED
720 minute winter	SWMH03	690	17.527	1.277	27.2	2.2566	0.0000	SURCHARGED
720 minute winter	Access Road Tank	480	15.773	0.472	12.6	13.4661	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	PP2b	4.001	Clean Tank 2	-14.7	0.987	-0.065	0.2420	
720 minute winter	PP3a	3.001	SWMH13	3.4	0.391	0.081	3.0280	
720 minute winter	SWMH04	1.003	Clean Tank 1	54.3	1.711	0.050	0.2160	
720 minute winter	Roof 3	3.000	SWMH16	3.4	1.745	0.045	0.0990	
720 minute winter	Clean Tank 2	1.007_1	SWMH06	6.7	0.194	0.090	0.1549	
720 minute winter	SWMH02	1.001	SWMH03	20.4	0.750	0.076	10.3696	
720 minute winter	SWMH01	1.000	SWMH02	10.2	0.440	0.036	9.3758	
720 minute winter	SWMH17	5.000	Clean Tank 3	-12.4	1.446	-0.021	0.0704	
720 minute winter	SWMH14	4.000	SWMH15	5.9	0.651	0.060	2.6407	
720 minute winter	Clean Tank 3	1.008	SWMH08	4.8	-0.392	0.068	0.1197	
720 minute winter	SWMH20	12.002	SWMH09	12.8	0.449	0.167	2.0070	
720 minute winter	Grasscrete1	4.000_1	SWMH16	-7.2	-1.015	-1.329	0.0391	
720 minute winter	PP4	3.002	SWMH14	-1.3	0.433	-0.076	0.1690	
720 minute winter	PP5a	6.000	SWMH08	0.4	0.388	0.001	0.2041	
720 minute winter	SWMH15	8.003	SWMH08	5.6	0.379	0.038	0.9366	
720 minute winter	SWMH22	7.000	Road Tank 1	18.8	2.365	0.062	0.3716	
720 minute winter	SWMH10	1.013	Access Road Tank	8.3	0.402	0.085	2.2027	
720 minute winter	SWMH06	1.007	SWMH07	6.6	0.479	0.098	2.4647	
720 minute winter	SWMH08	1.009	SWMH09	5.0	0.287	0.032	0.4225	
720 minute winter	SWMH03	1.002	SWMH04	39.5	0.900	0.079	2.0523	
720 minute winter	Access Road Tank	1.012	SWMH11	10.0	0.300	0.114	0.2465	

Results for 100 year +40% CC 720 minute winter. 960 minute analysis at 15 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
720 minute winter	SWMH05	690	17.527	1.525	39.0	2.6948	0.0000	SURCHARGED
720 minute winter	SWMH11	480	15.772	0.512	10.0	0.9047	0.0000	SURCHARGED
720 minute winter	SWMH16	690	17.527	1.300	7.4	1.8602	0.0000	SURCHARGED
720 minute winter	Roof 4	690	17.527	0.527	3.4	0.5961	0.0000	SURCHARGED
720 minute winter	RoofX	705	17.381	0.981	1.9	1.1095	0.0000	SURCHARGED
720 minute winter	Road Tank 1	660	16.856	1.072	18.8	81.2701	0.0000	SURCHARGED
720 minute winter	Access Road	480	15.773	0.273	7.3	0.3082	0.0000	OK
720 minute winter	Clean Tank 1	690	17.527	1.427	54.3	171.0855	0.0000	SURCHARGED
720 minute winter	SWMH09	660	16.853	1.220	15.8	1.3794	0.0000	SURCHARGED
720 minute winter	SWMH13	705	17.381	1.044	5.3	1.4939	0.0000	SURCHARGED
720 minute winter	PP2a	690	17.527	0.217	3.5	5.1548	0.0000	SURCHARGED
720 minute winter	SWMH07	705	17.381	1.551	6.6	1.7543	0.0000	SURCHARGED
720 minute winter	PP5b	705	17.381	1.181	4.9	28.7294	0.0000	SURCHARGED
720 minute winter	Road Tank 2	660	16.852	1.233	15.8	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	SWMH05	1.005	Clean Tank 2	35.8	0.596	0.131	2.1603	
720 minute winter	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	410.1
720 minute winter	SWMH16	3.001_1	Clean Tank 2	7.1	1.162	0.131	0.0440	
720 minute winter	Roof 4	2.000	SWMH03	3.4	1.378	0.011	0.4653	
720 minute winter	RoofX	9.000	SWMH13	1.9	0.364	0.021	0.6813	
720 minute winter	Road Tank 1	12.001	SWMH20	13.0	0.346	0.185	0.2465	
720 minute winter	Access Road	13.000	Access Road Tank	4.5	0.624	0.026	0.5573	
720 minute winter	Clean Tank 1	1.004	SWMH05	39.0	0.668	0.059	1.1234	
720 minute winter	SWMH09	1.011	Road Tank 2	15.8	0.501	0.246	0.2716	
720 minute winter	SWMH13	8.001	SWMH14	5.2	0.651	0.053	0.5217	
720 minute winter	PP2a	5.000_1	SWMH16	-3.1	1.598	-0.070	0.0156	
720 minute winter	SWMH07	1.008_1	Clean Tank 3	6.5	0.467	0.094	0.7183	
720 minute winter	PP5b	7.000_1	SWMH17	-4.2	0.538	-0.055	0.5062	
720 minute winter	Road Tank 2	1.012_1	SWMH10	8.4	0.128	0.030	1.7283	

Results for 100 year +40% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.46%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	Outfall	675	15.283	0.063	9.8	0.0000	0.0000	OK
960 minute summer	PP2b	960	17.485	0.365	13.2	30.6233	0.0000	SURCHARGED
960 minute summer	PP3a	915	17.309	0.909	4.1	0.0000	0.0000	SURCHARGED
960 minute summer	SWMH04	960	17.485	1.335	54.6	2.3584	0.0000	SURCHARGED
960 minute summer	Roof 3	960	17.485	0.226	4.1	0.2553	0.0000	SURCHARGED
960 minute summer	Clean Tank 2	960	17.485	1.515	43.0	166.3331	0.0000	SURCHARGED
960 minute summer	SWMH02	960	17.485	1.085	26.3	1.9167	0.0000	SURCHARGED
960 minute summer	SWMH01	960	17.485	0.935	12.5	1.6517	0.0000	SURCHARGED
960 minute summer	SWMH17	915	17.309	1.143	10.7	1.2925	0.0000	SURCHARGED
960 minute summer	SWMH14	915	17.309	1.030	7.2	1.4736	0.0000	SURCHARGED
960 minute summer	Clean Tank 3	915	17.309	1.549	12.5	162.0486	0.0000	SURCHARGED
960 minute summer	SWMH20	750	16.575	0.805	14.8	0.9105	0.0000	SURCHARGED
960 minute summer	Grasscrete1	960	17.485	0.135	4.9	39.5934	0.0000	SURCHARGED
960 minute summer	PP4	915	17.309	0.789	1.3	8.0584	0.0000	FLOOD RISK
960 minute summer	PP5a	915	17.309	0.309	0.5	0.0000	0.0000	SURCHARGED
960 minute summer	SWMH15	915	17.309	1.317	6.2	1.4893	0.0000	SURCHARGED
960 minute summer	SWMH22	495	17.091	0.056	22.2	0.0807	0.0000	OK
960 minute summer	SWMH10	750	16.572	0.979	8.5	1.7308	0.0000	SURCHARGED
960 minute summer	SWMH06	960	17.485	1.525	6.5	2.6940	0.0000	SURCHARGED
960 minute summer	SWMH08	915	17.309	1.556	7.6	2.7490	0.0000	SURCHARGED
960 minute summer	SWMH03	960	17.485	1.235	33.1	2.1817	0.0000	SURCHARGED
960 minute summer	Access Road Tank	585	15.779	0.479	19.8	13.6462	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	PP2b	4.001	Clean Tank 2	-12.0	0.884	-0.053	0.2420	
960 minute summer	PP3a	3.001	SWMH13	4.1	0.403	0.097	3.0280	
960 minute summer	SWMH04	1.003	Clean Tank 1	57.0	1.519	0.052	0.2160	
960 minute summer	Roof 3	3.000	SWMH16	4.1	1.699	0.055	0.0990	
960 minute summer	Clean Tank 2	1.007_1	SWMH06	6.5	0.185	0.087	0.1549	
960 minute summer	SWMH02	1.001	SWMH03	23.9	0.722	0.089	10.3696	
960 minute summer	SWMH01	1.000	SWMH02	11.2	0.434	0.039	9.3758	
960 minute summer	SWMH17	5.000	Clean Tank 3	8.7	1.251	0.015	0.0704	
960 minute summer	SWMH14	4.000	SWMH15	6.2	0.543	0.064	2.6407	
960 minute summer	Clean Tank 3	1.008	SWMH08	4.9	-0.377	0.069	0.1197	
960 minute summer	SWMH20	12.002	SWMH09	14.6	0.401	0.190	2.0070	
960 minute summer	Grasscrete1	4.000_1	SWMH16	-4.8	-0.736	-0.895	0.0391	
960 minute summer	PP4	3.002	SWMH14	-1.1	0.457	-0.063	0.1690	
960 minute summer	PP5a	6.000	SWMH08	0.5	0.089	0.001	0.2041	
960 minute summer	SWMH15	8.003	SWMH08	6.1	0.363	0.041	0.9366	
960 minute summer	SWMH22	7.000	Road Tank 1	22.2	2.479	0.073	0.3487	
960 minute summer	SWMH10	1.013	Access Road Tank	8.3	0.421	0.085	2.2381	
960 minute summer	SWMH06	1.007	SWMH07	6.4	0.463	0.095	2.4647	
960 minute summer	SWMH08	1.009	SWMH09	8.8	0.277	0.056	0.4225	
960 minute summer	SWMH03	1.002	SWMH04	35.9	0.911	0.072	2.0523	
960 minute summer	Access Road Tank	1.012	SWMH11	10.4	0.305	0.119	0.2465	

Results for 100 year +40% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.46%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMH05	960	17.485	1.483	37.5	2.6199	0.0000	SURCHARGED
960 minute summer	SWMH11	585	15.778	0.518	10.4	0.9158	0.0000	SURCHARGED
960 minute summer	SWMH16	960	17.485	1.258	7.3	1.7998	0.0000	SURCHARGED
960 minute summer	Roof 4	960	17.485	0.485	4.1	0.5482	0.0000	SURCHARGED
960 minute summer	RoofX	915	17.309	0.909	2.3	1.0278	0.0000	SURCHARGED
960 minute summer	Road Tank 1	750	16.575	0.791	22.2	71.3524	0.0000	SURCHARGED
960 minute summer	Access Road	585	15.779	0.279	3.5	0.3154	0.0000	OK
960 minute summer	Clean Tank 1	960	17.485	1.385	57.8	171.0855	0.0000	SURCHARGED
960 minute summer	SWMH09	750	16.572	0.939	17.7	1.0618	0.0000	SURCHARGED
960 minute summer	SWMH13	915	17.309	0.972	6.3	1.3906	0.0000	SURCHARGED
960 minute summer	PP2a	960	17.485	0.175	2.6	4.1139	0.0000	SURCHARGED
960 minute summer	SWMH07	915	17.309	1.479	6.4	1.6727	0.0000	SURCHARGED
960 minute summer	PP5b	915	17.309	1.109	4.1	24.0586	0.0000	SURCHARGED
960 minute summer	Road Tank 2	750	16.572	0.953	17.6	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	SWMH05	1.005	Clean Tank 2	40.7	0.579	0.149	2.1603	
960 minute summer	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	506.2
960 minute summer	SWMH16	3.001_1	Clean Tank 2	9.0	1.046	0.166	0.0440	
960 minute summer	Roof 4	2.000	SWMH03	4.1	1.350	0.013	0.4653	
960 minute summer	RoofX	9.000	SWMH13	2.2	0.367	0.025	0.6813	
960 minute summer	Road Tank 1	12.001	SWMH20	14.8	0.340	0.211	0.2465	
960 minute summer	Access Road	13.000	Access Road Tank	11.5	0.527	0.066	0.5614	
960 minute summer	Clean Tank 1	1.004	SWMH05	37.5	0.715	0.056	1.1234	
960 minute summer	SWMH09	1.011	Road Tank 2	17.6	0.461	0.275	0.2716	
960 minute summer	SWMH13	8.001	SWMH14	5.8	0.650	0.059	0.5217	
960 minute summer	PP2a	5.000_1	SWMH16	-2.3	1.560	-0.053	0.0156	
960 minute summer	SWMH07	1.008_1	Clean Tank 3	6.3	0.446	0.092	0.7183	
960 minute summer	PP5b	7.000_1	SWMH17	-3.5	0.499	-0.047	0.5062	
960 minute summer	Road Tank 2	1.012_1	SWMH10	8.5	0.163	0.030	1.7283	

Results for 100 year +40% CC 960 minute winter. 1200 minute analysis at 15 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
960 minute winter	Outfall	630	15.283	0.063	9.8	0.0000	0.0000	OK
960 minute winter	PP2b	930	17.492	0.372	11.4	31.2495	0.0000	SURCHARGED
960 minute winter	PP3a	915	17.311	0.911	2.7	0.0000	0.0000	SURCHARGED
960 minute winter	SWMH04	930	17.492	1.342	45.4	2.3709	0.0000	SURCHARGED
960 minute winter	Roof 3	930	17.492	0.233	2.7	0.2634	0.0000	SURCHARGED
960 minute winter	Clean Tank 2	930	17.492	1.522	47.7	166.3331	0.0000	SURCHARGED
960 minute winter	SWMH02	930	17.492	1.092	17.5	1.9292	0.0000	SURCHARGED
960 minute winter	SWMH01	930	17.492	0.942	8.3	1.6641	0.0000	SURCHARGED
960 minute winter	SWMH17	915	17.311	1.145	13.2	1.2948	0.0000	SURCHARGED
960 minute winter	SWMH14	915	17.311	1.032	4.8	1.4765	0.0000	SURCHARGED
960 minute winter	Clean Tank 3	915	17.311	1.551	16.7	162.0486	0.0000	SURCHARGED
960 minute winter	SWMH20	765	16.523	0.753	10.6	0.8521	0.0000	SURCHARGED
960 minute winter	Grasscrete1	930	17.492	0.142	5.4	42.2952	0.0000	SURCHARGED
960 minute winter	PP4	915	17.311	0.791	4.1	8.0584	0.0000	FLOOD RISK
960 minute winter	PP5a	915	17.311	0.311	0.3	0.0000	0.0000	SURCHARGED
960 minute winter	SWMH15	915	17.311	1.319	4.7	1.4915	0.0000	SURCHARGED
960 minute winter	SWMH22	495	17.081	0.046	14.7	0.0656	0.0000	OK
960 minute winter	SWMH10	765	16.520	0.928	8.6	1.6392	0.0000	SURCHARGED
960 minute winter	SWMH06	930	17.492	1.532	8.8	2.7065	0.0000	SURCHARGED
960 minute winter	SWMH08	915	17.311	1.558	6.8	2.7525	0.0000	SURCHARGED
960 minute winter	SWMH03	930	17.492	1.242	25.8	2.1942	0.0000	SURCHARGED
960 minute winter	Access Road Tank	585	15.677	0.377	14.0	10.7420	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	PP2b	4.001	Clean Tank 2	-10.3	0.884	-0.045	0.2420	
960 minute winter	PP3a	3.001	SWMH13	2.6	0.359	0.062	3.0280	
960 minute winter	SWMH04	1.003	Clean Tank 1	31.7	1.598	0.029	0.2160	
960 minute winter	Roof 3	3.000	SWMH16	2.7	1.676	0.036	0.0990	
960 minute winter	Clean Tank 2	1.007_1	SWMH06	8.8	0.175	0.118	0.1549	
960 minute winter	SWMH02	1.001	SWMH03	17.6	0.711	0.065	10.3696	
960 minute winter	SWMH01	1.000	SWMH02	7.8	0.412	0.027	9.3758	
960 minute winter	SWMH17	5.000	Clean Tank 3	11.7	1.251	0.020	0.0704	
960 minute winter	SWMH14	4.000	SWMH15	4.7	0.588	0.048	2.6407	
960 minute winter	Clean Tank 3	1.008	SWMH08	6.6	-0.298	0.093	0.1197	
960 minute winter	SWMH20	12.002	SWMH09	10.5	0.416	0.136	2.0070	
960 minute winter	Grasscrete1	4.000_1	SWMH16	-5.3	-0.763	-0.978	0.0391	
960 minute winter	PP4	3.002	SWMH14	-3.9	0.405	-0.226	0.1690	
960 minute winter	PP5a	6.000	SWMH08	0.3	0.146	0.000	0.2041	
960 minute winter	SWMH15	8.003	SWMH08	4.6	0.390	0.031	0.9366	
960 minute winter	SWMH22	7.000	Road Tank 1	14.7	2.206	0.049	0.2920	
960 minute winter	SWMH10	1.013	Access Road Tank	8.3	0.406	0.086	1.6676	
960 minute winter	SWMH06	1.007	SWMH07	6.1	0.469	0.091	2.4647	
960 minute winter	SWMH08	1.009	SWMH09	7.1	0.232	0.045	0.4225	
960 minute winter	SWMH03	1.002	SWMH04	44.3	0.911	0.089	2.0523	
960 minute winter	Access Road Tank	1.012	SWMH11	10.0	0.298	0.114	0.2465	

Results for 100 year +40% CC 960 minute winter. 1200 minute analysis at 15 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
960 minute winter	SWMH05	930	17.492	1.490	45.6	2.6324	0.0000	SURCHARGED
960 minute winter	SWMH11	585	15.676	0.416	10.0	0.7357	0.0000	SURCHARGED
960 minute winter	SWMH16	930	17.492	1.265	5.4	1.8100	0.0000	SURCHARGED
960 minute winter	Roof 4	930	17.492	0.492	2.7	0.5562	0.0000	SURCHARGED
960 minute winter	RoofX	915	17.311	0.911	1.5	1.0301	0.0000	SURCHARGED
960 minute winter	Road Tank 1	765	16.523	0.739	14.7	66.6938	0.0000	SURCHARGED
960 minute winter	Access Road	585	15.678	0.178	4.3	0.2012	0.0000	OK
960 minute winter	Clean Tank 1	930	17.492	1.392	36.8	171.0855	0.0000	SURCHARGED
960 minute winter	SWMH09	765	16.520	0.887	15.4	1.0033	0.0000	SURCHARGED
960 minute winter	SWMH13	915	17.311	0.974	4.6	1.3935	0.0000	SURCHARGED
960 minute winter	PP2a	930	17.492	0.182	2.2	4.2882	0.0000	SURCHARGED
960 minute winter	SWMH07	915	17.311	1.481	6.1	1.6750	0.0000	SURCHARGED
960 minute winter	PP5b	915	17.311	1.111	4.7	24.1884	0.0000	SURCHARGED
960 minute winter	Road Tank 2	765	16.520	0.901	13.7	91.2570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	SWMH05	1.005	Clean Tank 2	44.7	0.574	0.164	2.1603	
960 minute winter	SWMH11	1.015	Outfall	9.8	0.850	0.099	0.0576	517.0
960 minute winter	SWMH16	3.001_1	Clean Tank 2	4.7	1.046	0.087	0.0440	
960 minute winter	Roof 4	2.000	SWMH03	2.7	1.286	0.009	0.4653	
960 minute winter	RoofX	9.000	SWMH13	2.1	0.331	0.024	0.6813	
960 minute winter	Road Tank 1	12.001	SWMH20	10.6	0.341	0.151	0.2465	
960 minute winter	Access Road	13.000	Access Road Tank	5.7	0.579	0.032	0.4613	
960 minute winter	Clean Tank 1	1.004	SWMH05	45.6	0.718	0.068	1.1234	
960 minute winter	SWMH09	1.011	Road Tank 2	13.7	0.474	0.213	0.2716	
960 minute winter	SWMH13	8.001	SWMH14	3.9	0.609	0.040	0.5217	
960 minute winter	PP2a	5.000_1	SWMH16	-1.9	1.570	-0.043	0.0156	
960 minute winter	SWMH07	1.008_1	Clean Tank 3	6.1	0.456	0.088	0.7183	
960 minute winter	PP5b	7.000_1	SWMH17	-4.2	0.477	-0.055	0.5062	
960 minute winter	Road Tank 2	1.012_1	SWMH10	8.6	0.156	0.031	1.7283	

Results for 100 year +40% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.66%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	Outfall	810	15.283	0.063	9.8	0.0000	0.0000	OK
1440 minute summer	PP2b	1110	17.402	0.282	7.4	23.3022	0.0000	SURCHARGED
1440 minute summer	PP3a	1170	17.185	0.785	2.8	0.0000	0.0000	SURCHARGED
1440 minute summer	SWMH04	1110	17.402	1.252	38.4	2.2120	0.0000	SURCHARGED
1440 minute summer	Roof 3	1110	17.402	0.143	2.8	0.1617	0.0000	OK
1440 minute summer	Clean Tank 2	1110	17.402	1.432	40.0	166.3331	0.0000	SURCHARGED
1440 minute summer	SWMH02	1110	17.402	1.002	18.0	1.7703	0.0000	SURCHARGED
1440 minute summer	SWMH01	1110	17.402	0.852	8.6	1.5053	0.0000	SURCHARGED
1440 minute summer	SWMH17	1170	17.185	1.019	3.9	1.1524	0.0000	SURCHARGED
1440 minute summer	SWMH14	1170	17.185	0.906	4.6	1.2963	0.0000	SURCHARGED
1440 minute summer	Clean Tank 3	1170	17.185	1.425	11.6	162.0486	0.0000	SURCHARGED
1440 minute summer	SWMH20	960	16.368	0.598	10.8	0.6771	0.0000	SURCHARGED
1440 minute summer	Grasscrete1	1110	17.402	0.052	1.3	8.4866	0.0000	OK
1440 minute summer	PP4	1170	17.185	0.665	0.7	8.0584	0.0000	SURCHARGED
1440 minute summer	PP5a	1170	17.185	0.185	0.3	0.0000	0.0000	OK
1440 minute summer	SWMH15	1170	17.185	1.193	4.7	1.3491	0.0000	SURCHARGED
1440 minute summer	SWMH22	750	17.082	0.047	15.2	0.0668	0.0000	OK
1440 minute summer	SWMH10	960	16.363	0.771	8.4	1.3630	0.0000	SURCHARGED
1440 minute summer	SWMH06	1110	17.402	1.442	5.8	2.5476	0.0000	SURCHARGED
1440 minute summer	SWMH08	1170	17.185	1.432	5.6	2.5300	0.0000	SURCHARGED
1440 minute summer	SWMH03	1110	17.402	1.152	20.0	2.0354	0.0000	SURCHARGED
1440 minute summer	Access Road Tank	810	15.652	0.352	17.5	10.0236	0.0000	SURCHARGED
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	PP2b	4.001	Clean Tank 2	21.3	0.884	0.094	0.2420	
1440 minute summer	PP3a	3.001	SWMH13	2.8	0.345	0.066	3.0280	
1440 minute summer	SWMH04	1.003	Clean Tank 1	37.4	1.060	0.034	0.2160	
1440 minute summer	Roof 3	3.000	SWMH16	2.8	1.587	0.037	0.0982	
1440 minute summer	Clean Tank 2	1.007_1	SWMH06	5.8	0.173	0.078	0.1549	
1440 minute summer	SWMH02	1.001	SWMH03	17.2	0.669	0.064	10.3696	
1440 minute summer	SWMH01	1.000	SWMH02	7.7	0.392	0.027	9.3758	
1440 minute summer	SWMH17	5.000	Clean Tank 3	7.1	1.173	0.012	0.0704	
1440 minute summer	SWMH14	4.000	SWMH15	4.7	0.503	0.049	2.6407	
1440 minute summer	Clean Tank 3	1.008	SWMH08	5.0	-0.180	0.071	0.1197	
1440 minute summer	SWMH20	12.002	SWMH09	10.7	0.359	0.139	2.0070	
1440 minute summer	Grasscrete1	4.000_1	SWMH16	-1.3	0.326	-0.249	0.0291	
1440 minute summer	PP4	3.002	SWMH14	0.9	0.404	0.052	0.1690	
1440 minute summer	PP5a	6.000	SWMH08	0.3	0.007	0.000	0.1681	
1440 minute summer	SWMH15	8.003	SWMH08	5.2	0.266	0.035	0.9366	
1440 minute summer	SWMH22	7.000	Road Tank 1	15.2	2.229	0.050	0.0727	
1440 minute summer	SWMH10	1.013	Access Road Tank	8.3	0.423	0.086	1.5436	
1440 minute summer	SWMH06	1.007	SWMH07	5.7	0.448	0.085	2.4647	
1440 minute summer	SWMH08	1.009	SWMH09	8.8	0.288	0.056	0.4225	
1440 minute summer	SWMH03	1.002	SWMH04	37.4	0.897	0.075	2.0523	
1440 minute summer	Access Road Tank	1.012	SWMH11	10.2	0.297	0.116	0.2465	

Results for 100 year +40% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.66%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	SWMH05	1110	17.402	1.400	38.6	2.4735	0.0000	SURCHARGED
1440 minute summer	SWMH11	810	15.651	0.391	10.2	0.6914	0.0000	SURCHARGED
1440 minute summer	SWMH16	1110	17.402	1.175	5.3	1.6813	0.0000	SURCHARGED
1440 minute summer	Roof 4	1110	17.402	0.402	2.8	0.4545	0.0000	SURCHARGED
1440 minute summer	RoofX	1170	17.185	0.785	1.6	0.8877	0.0000	SURCHARGED
1440 minute summer	Road Tank 1	960	16.368	0.584	15.2	52.7295	0.0000	SURCHARGED
1440 minute summer	Access Road	840	15.650	0.150	2.4	0.1696	0.0000	OK
1440 minute summer	Clean Tank 1	1110	17.402	1.302	39.6	171.0855	0.0000	SURCHARGED
1440 minute summer	SWMH09	960	16.364	0.731	16.2	0.8265	0.0000	SURCHARGED
1440 minute summer	SWMH13	1170	17.185	0.848	4.4	1.2133	0.0000	SURCHARGED
1440 minute summer	PP2a	1110	17.402	0.092	0.5	2.1181	0.0000	OK
1440 minute summer	SWMH07	1170	17.185	1.355	5.7	1.5326	0.0000	SURCHARGED
1440 minute summer	PP5b	1170	17.185	0.985	2.5	16.0663	0.0000	SURCHARGED
1440 minute summer	Road Tank 2	960	16.363	0.744	14.0	84.8640	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	SWMH05	1.005	Clean Tank 2	37.7	0.500	0.138	2.1603	
1440 minute summer	SWMH11	1.015	Outfall	9.8	0.850	0.098	0.0576	688.2
1440 minute summer	SWMH16	3.001_1	Clean Tank 2	4.9	0.882	0.090	0.0440	
1440 minute summer	Roof 4	2.000	SWMH03	2.8	1.262	0.009	0.4653	
1440 minute summer	RoofX	9.000	SWMH13	1.6	0.318	0.018	0.6813	
1440 minute summer	Road Tank 1	12.001	SWMH20	10.8	0.337	0.154	0.2465	
1440 minute summer	Access Road	13.000	Access Road Tank	9.2	0.372	0.053	0.4277	
1440 minute summer	Clean Tank 1	1.004	SWMH05	38.6	0.571	0.058	1.1234	
1440 minute summer	SWMH09	1.011	Road Tank 2	14.0	0.427	0.218	0.2716	
1440 minute summer	SWMH13	8.001	SWMH14	3.7	0.570	0.037	0.5217	
1440 minute summer	PP2a	5.000_1	SWMH16	0.5	1.423	0.011	0.0154	
1440 minute summer	SWMH07	1.008_1	Clean Tank 3	5.7	0.433	0.082	0.7183	
1440 minute summer	PP5b	7.000_1	SWMH17	-2.1	0.433	-0.027	0.5062	
1440 minute summer	Road Tank 2	1.012_1	SWMH10	8.4	0.107	0.030	1.7283	

Results for 100 year +40% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	Outfall	840	15.282	0.062	9.6	0.0000	0.0000	OK
1440 minute winter	PP2b	1080	17.403	0.283	5.6	23.4448	0.0000	SURCHARGED
1440 minute winter	PP3a	1200	17.171	0.771	1.9	0.0000	0.0000	SURCHARGED
1440 minute winter	SWMH04	1080	17.403	1.253	26.4	2.2149	0.0000	SURCHARGED
1440 minute winter	Roof 3	1080	17.404	0.145	1.9	0.1635	0.0000	OK
1440 minute winter	Clean Tank 2	1080	17.403	1.433	24.4	166.3331	0.0000	SURCHARGED
1440 minute winter	SWMH02	1080	17.404	1.004	12.3	1.7732	0.0000	SURCHARGED
1440 minute winter	SWMH01	1080	17.404	0.854	5.8	1.5082	0.0000	SURCHARGED
1440 minute winter	SWMH17	1200	17.171	1.005	2.0	1.1366	0.0000	SURCHARGED
1440 minute winter	SWMH14	1200	17.171	0.892	3.7	1.2762	0.0000	SURCHARGED
1440 minute winter	Clean Tank 3	1200	17.171	1.411	12.0	162.0486	0.0000	SURCHARGED
1440 minute winter	SWMH20	1050	16.304	0.534	7.8	0.6043	0.0000	SURCHARGED
1440 minute winter	Grasscrete1	1140	17.403	0.053	1.5	8.9603	0.0000	OK
1440 minute winter	PP4	1200	17.171	0.651	2.4	8.0584	0.0000	SURCHARGED
1440 minute winter	PP5a	1200	17.171	0.171	0.2	0.0000	0.0000	OK
1440 minute winter	SWMH15	1200	17.171	1.179	3.0	1.3333	0.0000	SURCHARGED
1440 minute winter	SWMH22	750	17.073	0.038	10.2	0.0548	0.0000	OK
1440 minute winter	SWMH10	1050	16.300	0.708	8.4	1.2510	0.0000	SURCHARGED
1440 minute winter	SWMH06	1080	17.403	1.443	5.5	2.5504	0.0000	SURCHARGED
1440 minute winter	SWMH08	1200	17.171	1.418	5.8	2.5053	0.0000	SURCHARGED
1440 minute winter	SWMH03	1080	17.404	1.153	18.5	2.0382	0.0000	SURCHARGED
1440 minute winter	Access Road Tank	840	15.566	0.266	13.7	7.5670	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	PP2b	4.001	Clean Tank 2	-4.9	0.871	-0.021	0.2420	
1440 minute winter	PP3a	3.001	SWMH13	1.8	0.313	0.044	3.0280	
1440 minute winter	SWMH04	1.003	Clean Tank 1	26.2	1.250	0.024	0.2160	
1440 minute winter	Roof 3	3.000	SWMH16	1.9	1.512	0.025	0.0985	
1440 minute winter	Clean Tank 2	1.007_1	SWMH06	5.5	0.159	0.074	0.1549	
1440 minute winter	SWMH02	1.001	SWMH03	11.4	0.641	0.042	10.3696	
1440 minute winter	SWMH01	1.000	SWMH02	5.6	0.369	0.020	9.3758	
1440 minute winter	SWMH17	5.000	Clean Tank 3	8.5	1.175	0.015	0.0704	
1440 minute winter	SWMH14	4.000	SWMH15	3.0	0.516	0.031	2.6407	
1440 minute winter	Clean Tank 3	1.008	SWMH08	5.7	-0.160	0.080	0.1197	
1440 minute winter	SWMH20	12.002	SWMH09	7.8	0.373	0.101	2.0070	
1440 minute winter	Grasscrete1	4.000_1	SWMH16	-1.5	0.322	-0.283	0.0296	
1440 minute winter	PP4	3.002	SWMH14	-2.3	0.371	-0.133	0.1690	
1440 minute winter	PP5a	6.000	SWMH08	0.2	0.007	0.000	0.1621	
1440 minute winter	SWMH15	8.003	SWMH08	2.9	0.281	0.019	0.9366	
1440 minute winter	SWMH22	7.000	Road Tank 1	10.2	1.982	0.034	0.0515	
1440 minute winter	SWMH10	1.013	Access Road Tank	8.3	0.411	0.086	1.4477	
1440 minute winter	SWMH06	1.007	SWMH07	5.4	0.454	0.080	2.4647	
1440 minute winter	SWMH08	1.009	SWMH09	6.0	0.255	0.038	0.4225	
1440 minute winter	SWMH03	1.002	SWMH04	25.6	0.865	0.052	2.0523	
1440 minute winter	Access Road Tank	1.012	SWMH11	9.9	0.297	0.112	0.2368	

Results for 100 year +40% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	SWMH05	1080	17.403	1.401	23.3	2.4764	0.0000	SURCHARGED
1440 minute winter	SWMH11	840	15.565	0.305	9.9	0.5389	0.0000	SURCHARGED
1440 minute winter	SWMH16	1080	17.403	1.176	3.6	1.6835	0.0000	SURCHARGED
1440 minute winter	Roof 4	1080	17.404	0.404	1.9	0.4564	0.0000	SURCHARGED
1440 minute winter	RoofX	1200	17.171	0.771	1.1	0.8718	0.0000	SURCHARGED
1440 minute winter	Road Tank 1	1050	16.304	0.520	10.2	46.9198	0.0000	SURCHARGED
1440 minute winter	Access Road	840	15.575	0.075	4.4	0.0851	0.0000	OK
1440 minute winter	Clean Tank 1	1080	17.403	1.303	26.2	171.0855	0.0000	SURCHARGED
1440 minute winter	SWMH09	1050	16.300	0.667	11.6	0.7548	0.0000	SURCHARGED
1440 minute winter	SWMH13	1200	17.171	0.834	2.9	1.1932	0.0000	SURCHARGED
1440 minute winter	PP2a	1080	17.403	0.093	0.5	2.1552	0.0000	OK
1440 minute winter	SWMH07	1200	17.171	1.341	5.4	1.5168	0.0000	SURCHARGED
1440 minute winter	PP5b	1200	17.171	0.971	2.2	15.1658	0.0000	SURCHARGED
1440 minute winter	Road Tank 2	1050	16.300	0.681	15.0	77.6364	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	SWMH05	1.005	Clean Tank 2	23.7	0.497	0.087	2.1603	
1440 minute winter	SWMH11	1.015	Outfall	9.6	0.846	0.097	0.0568	700.6
1440 minute winter	SWMH16	3.001_1	Clean Tank 2	5.7	0.980	0.105	0.0440	
1440 minute winter	Roof 4	2.000	SWMH03	1.9	1.175	0.006	0.4653	
1440 minute winter	RoofX	9.000	SWMH13	1.2	0.292	0.014	0.6813	
1440 minute winter	Road Tank 1	12.001	SWMH20	7.8	0.335	0.112	0.2465	
1440 minute winter	Access Road	13.000	Access Road Tank	5.4	0.429	0.031	0.3229	
1440 minute winter	Clean Tank 1	1.004	SWMH05	23.3	0.536	0.035	1.1234	
1440 minute winter	SWMH09	1.011	Road Tank 2	15.0	0.429	0.233	0.2716	
1440 minute winter	SWMH13	8.001	SWMH14	3.1	0.547	0.031	0.5217	
1440 minute winter	PP2a	5.000_1	SWMH16	3.2	1.423	0.073	0.0154	
1440 minute winter	SWMH07	1.008_1	Clean Tank 3	5.3	0.452	0.077	0.7183	
1440 minute winter	PP5b	7.000_1	SWMH17	-1.9	0.439	-0.025	0.5062	
1440 minute winter	Road Tank 2	1.012_1	SWMH10	8.4	0.108	0.030	1.7283	

Results for 100 year +40% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	Outfall	1200	15.282	0.062	9.5	0.0000	0.0000	OK
2160 minute summer	PP2b	1500	17.157	0.037	1.2	1.7359	0.0000	OK
2160 minute summer	PP3a	1560	16.946	0.546	1.9	0.0000	0.0000	SURCHARGED
2160 minute summer	SWMH04	1500	17.157	1.007	13.7	1.7790	0.0000	SURCHARGED
2160 minute summer	Roof 3	1140	17.276	0.017	1.9	0.0187	0.0000	OK
2160 minute summer	Clean Tank 2	1500	17.157	1.187	19.9	166.3331	0.0000	SURCHARGED
2160 minute summer	SWMH02	1500	17.157	0.757	12.7	1.3373	0.0000	SURCHARGED
2160 minute summer	SWMH01	1500	17.157	0.607	5.8	1.0722	0.0000	SURCHARGED
2160 minute summer	SWMH17	1560	16.946	0.780	3.7	0.8820	0.0000	SURCHARGED
2160 minute summer	SWMH14	1560	16.946	0.667	4.3	0.9542	0.0000	SURCHARGED
2160 minute summer	Clean Tank 3	1560	16.946	1.186	8.4	162.0486	0.0000	SURCHARGED
2160 minute summer	SWMH20	1320	16.207	0.437	7.8	0.4951	0.0000	SURCHARGED
2160 minute summer	Grasscrete1	1140	17.363	0.013	0.2	0.5190	0.0000	OK
2160 minute summer	PP4	1560	16.946	0.426	0.3	6.3078	0.0000	SURCHARGED
2160 minute summer	PP5a	1080	17.004	0.004	0.2	0.0000	0.0000	OK
2160 minute summer	SWMH15	1560	16.946	0.954	2.9	1.0788	0.0000	SURCHARGED
2160 minute summer	SWMH22	1140	17.073	0.038	10.2	0.0548	0.0000	OK
2160 minute summer	SWMH10	1380	16.201	0.609	8.4	1.0757	0.0000	SURCHARGED
2160 minute summer	SWMH06	1500	17.157	1.197	4.6	2.1146	0.0000	SURCHARGED
2160 minute summer	SWMH08	1560	16.946	1.193	5.2	2.1077	0.0000	SURCHARGED
2160 minute summer	SWMH03	1500	17.157	0.907	19.0	1.6023	0.0000	SURCHARGED
2160 minute summer	Access Road Tank	1200	15.558	0.258	13.5	7.3483	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	PP2b	4.001	Clean Tank 2	1.5	0.734	0.007	0.1338	
2160 minute summer	PP3a	3.001	SWMH13	2.0	0.323	0.046	3.0280	
2160 minute summer	SWMH04	1.003	Clean Tank 1	39.9	0.919	0.037	0.2160	
2160 minute summer	Roof 3	3.000	SWMH16	1.9	1.420	0.025	0.0525	
2160 minute summer	Clean Tank 2	1.007_1	SWMH06	4.6	0.153	0.062	0.1549	
2160 minute summer	SWMH02	1.001	SWMH03	13.4	0.628	0.050	10.3696	
2160 minute summer	SWMH01	1.000	SWMH02	5.8	0.362	0.020	9.3758	
2160 minute summer	SWMH17	5.000	Clean Tank 3	5.2	1.097	0.009	0.0704	
2160 minute summer	SWMH14	4.000	SWMH15	2.9	0.466	0.030	2.6407	
2160 minute summer	Clean Tank 3	1.008	SWMH08	5.0	-0.115	0.070	0.1197	
2160 minute summer	SWMH20	12.002	SWMH09	7.7	0.313	0.101	2.0070	
2160 minute summer	Grasscrete1	4.000_1	SWMH16	0.2	0.320	0.034	0.0029	
2160 minute summer	PP4	3.002	SWMH14	0.3	0.371	0.017	0.1690	
2160 minute summer	PP5a	6.000	SWMH08	0.2	0.005	0.000	0.1023	
2160 minute summer	SWMH15	8.003	SWMH08	2.7	0.246	0.018	0.9366	
2160 minute summer	SWMH22	7.000	Road Tank 1	10.2	1.982	0.034	0.0515	
2160 minute summer	SWMH10	1.013	Access Road Tank	8.3	0.397	0.086	1.4186	
2160 minute summer	SWMH06	1.007	SWMH07	4.6	0.421	0.068	2.4647	
2160 minute summer	SWMH08	1.009	SWMH09	7.2	0.327	0.045	0.4225	
2160 minute summer	SWMH03	1.002	SWMH04	12.7	0.856	0.025	2.0523	
2160 minute summer	Access Road Tank	1.012	SWMH11	9.8	0.306	0.112	0.2323	

Results for 100 year +40% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	SWMH05	1500	17.157	1.155	25.7	2.0405	0.0000	SURCHARGED
2160 minute summer	SWMH11	1200	15.557	0.297	9.8	0.5255	0.0000	OK
2160 minute summer	SWMH16	1500	17.157	0.930	3.5	1.3306	0.0000	SURCHARGED
2160 minute summer	Roof 4	1500	17.157	0.157	1.9	0.1773	0.0000	OK
2160 minute summer	RoofX	1560	16.946	0.546	1.1	0.6173	0.0000	SURCHARGED
2160 minute summer	Road Tank 1	1320	16.207	0.423	10.2	38.2058	0.0000	SURCHARGED
2160 minute summer	Access Road	1200	15.561	0.061	3.0	0.0688	0.0000	OK
2160 minute summer	Clean Tank 1	1500	17.157	1.057	46.3	171.0855	0.0000	SURCHARGED
2160 minute summer	SWMH09	1380	16.201	0.568	11.3	0.6426	0.0000	SURCHARGED
2160 minute summer	SWMH13	1560	16.946	0.609	3.1	0.8712	0.0000	SURCHARGED
2160 minute summer	PP2a	1140	17.317	0.007	0.4	0.1296	0.0000	OK
2160 minute summer	SWMH07	1560	16.946	1.116	4.6	1.2623	0.0000	SURCHARGED
2160 minute summer	PP5b	1560	16.946	0.746	0.9	0.7398	0.0000	SURCHARGED
2160 minute summer	Road Tank 2	1380	16.201	0.582	14.4	66.3281	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	SWMH05	1.005	Clean Tank 2	-25.7	0.425	-0.094	2.1603	
2160 minute summer	SWMH11	1.015	Outfall	9.5	0.844	0.096	0.0566	893.7
2160 minute summer	SWMH16	3.001_1	Clean Tank 2	3.4	0.809	0.063	0.0440	
2160 minute summer	Roof 4	2.000	SWMH03	1.9	1.135	0.006	0.3557	
2160 minute summer	RoofX	9.000	SWMH13	1.1	0.288	0.012	0.6813	
2160 minute summer	Road Tank 1	12.001	SWMH20	7.8	0.331	0.112	0.2465	
2160 minute summer	Access Road	13.000	Access Road Tank	5.2	0.291	0.030	0.3022	
2160 minute summer	Clean Tank 1	1.004	SWMH05	-28.8	-0.476	-0.043	1.1234	
2160 minute summer	SWMH09	1.011	Road Tank 2	14.4	0.379	0.224	0.2716	
2160 minute summer	SWMH13	8.001	SWMH14	3.6	0.532	0.037	0.5217	
2160 minute summer	PP2a	5.000_1	SWMH16	0.4	1.407	0.009	0.0080	
2160 minute summer	SWMH07	1.008_1	Clean Tank 3	4.6	0.427	0.066	0.7183	
2160 minute summer	PP5b	7.000_1	SWMH17	1.2	0.407	0.016	0.5062	
2160 minute summer	Road Tank 2	1.012_1	SWMH10	8.4	0.107	0.030	1.7283	

Results for 100 year +40% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	Outfall	1260	15.281	0.061	9.1	0.0000	0.0000	OK
2160 minute winter	PP2b	1080	17.130	0.010	0.8	0.1275	0.0000	OK
2160 minute winter	PP3a	1680	16.857	0.457	1.3	0.0000	0.0000	SURCHARGED
2160 minute winter	SWMH04	1620	17.085	0.935	17.5	1.6515	0.0000	SURCHARGED
2160 minute winter	Roof 3	1140	17.273	0.014	1.3	0.0156	0.0000	OK
2160 minute winter	Clean Tank 2	1620	17.085	1.115	20.1	166.3331	0.0000	SURCHARGED
2160 minute winter	SWMH02	1620	17.085	0.685	8.8	1.2098	0.0000	SURCHARGED
2160 minute winter	SWMH01	1620	17.085	0.535	4.0	0.9448	0.0000	SURCHARGED
2160 minute winter	SWMH17	1680	16.857	0.691	6.0	0.7815	0.0000	SURCHARGED
2160 minute winter	SWMH14	1680	16.857	0.578	2.9	0.8271	0.0000	SURCHARGED
2160 minute winter	Clean Tank 3	1680	16.857	1.097	6.3	161.5369	0.0000	SURCHARGED
2160 minute winter	SWMH20	1440	16.113	0.343	5.9	0.3890	0.0000	SURCHARGED
2160 minute winter	Grasscrete1	1440	17.360	0.010	0.1	0.2881	0.0000	OK
2160 minute winter	PP4	1680	16.857	0.337	0.3	4.5133	0.0000	SURCHARGED
2160 minute winter	PP5a	1080	17.004	0.004	0.2	0.0000	0.0000	OK
2160 minute winter	SWMH15	1680	16.857	0.865	2.2	0.9783	0.0000	SURCHARGED
2160 minute winter	SWMH22	1140	17.067	0.032	7.0	0.0457	0.0000	OK
2160 minute winter	SWMH10	1440	16.109	0.517	8.3	0.9127	0.0000	SURCHARGED
2160 minute winter	SWMH06	1620	17.085	1.125	4.3	1.9871	0.0000	SURCHARGED
2160 minute winter	SWMH08	1680	16.857	1.104	5.1	1.9507	0.0000	SURCHARGED
2160 minute winter	SWMH03	1620	17.085	0.835	9.4	1.4748	0.0000	SURCHARGED
2160 minute winter	Access Road Tank	1260	15.502	0.202	9.2	5.7647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	PP2b	4.001	Clean Tank 2	0.8	0.724	0.004	0.1228	
2160 minute winter	PP3a	3.001	SWMH13	1.3	0.283	0.031	3.0280	
2160 minute winter	SWMH04	1.003	Clean Tank 1	35.0	0.952	0.032	0.2160	
2160 minute winter	Roof 3	3.000	SWMH16	1.3	1.370	0.017	0.0518	
2160 minute winter	Clean Tank 2	1.007_1	SWMH06	4.3	0.155	0.057	0.1549	
2160 minute winter	SWMH02	1.001	SWMH03	8.2	0.582	0.030	10.3696	
2160 minute winter	SWMH01	1.000	SWMH02	4.0	0.332	0.014	9.3758	
2160 minute winter	SWMH17	5.000	Clean Tank 3	-4.2	1.097	-0.007	0.0704	
2160 minute winter	SWMH14	4.000	SWMH15	2.2	0.487	0.023	2.6407	
2160 minute winter	Clean Tank 3	1.008	SWMH08	4.9	-0.148	0.069	0.1197	
2160 minute winter	SWMH20	12.002	SWMH09	5.8	0.326	0.075	2.0070	
2160 minute winter	Grasscrete1	4.000_1	SWMH16	0.1	0.266	0.019	0.0019	
2160 minute winter	PP4	3.002	SWMH14	0.2	0.328	0.012	0.1690	
2160 minute winter	PP5a	6.000	SWMH08	0.2	0.005	0.000	0.1023	
2160 minute winter	SWMH15	8.003	SWMH08	2.2	0.243	0.015	0.9366	
2160 minute winter	SWMH22	7.000	Road Tank 1	7.0	1.773	0.023	0.0395	
2160 minute winter	SWMH10	1.013	Access Road Tank	8.3	0.417	0.085	1.1519	
2160 minute winter	SWMH06	1.007	SWMH07	4.3	0.428	0.063	2.4647	
2160 minute winter	SWMH08	1.009	SWMH09	8.6	0.336	0.055	0.4225	
2160 minute winter	SWMH03	1.002	SWMH04	16.8	0.864	0.034	2.0523	
2160 minute winter	Access Road Tank	1.012	SWMH11	9.1	0.287	0.104	0.1871	

Results for 100 year +40% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	SWMH05	1620	17.085	1.083	17.0	1.9130	0.0000	SURCHARGED
2160 minute winter	SWMH11	1260	15.502	0.242	9.1	0.4275	0.0000	OK
2160 minute winter	SWMH16	1620	17.085	0.858	2.3	1.2274	0.0000	SURCHARGED
2160 minute winter	Roof 4	1620	17.085	0.085	1.3	0.0957	0.0000	OK
2160 minute winter	RoofX	1680	16.857	0.457	0.7	0.5168	0.0000	SURCHARGED
2160 minute winter	Road Tank 1	1440	16.114	0.330	7.0	29.7433	0.0000	SURCHARGED
2160 minute winter	Access Road	1140	15.517	0.017	1.1	0.0193	0.0000	OK
2160 minute winter	Clean Tank 1	1620	17.085	0.985	35.0	168.3742	0.0000	SURCHARGED
2160 minute winter	SWMH09	1440	16.109	0.476	14.2	0.5383	0.0000	SURCHARGED
2160 minute winter	SWMH13	1680	16.857	0.520	2.0	0.7441	0.0000	SURCHARGED
2160 minute winter	PP2a	840	17.315	0.005	0.2	0.0907	0.0000	OK
2160 minute winter	SWMH07	1680	16.857	1.027	4.3	1.1618	0.0000	SURCHARGED
2160 minute winter	PP5b	1680	16.857	0.657	0.6	0.0000	0.0000	SURCHARGED
2160 minute winter	Road Tank 2	1440	16.109	0.490	10.7	55.8096	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	SWMH05	1.005	Clean Tank 2	17.4	0.434	0.064	2.1603	
2160 minute winter	SWMH11	1.015	Outfall	9.1	0.834	0.092	0.0548	904.3
2160 minute winter	SWMH16	3.001_1	Clean Tank 2	2.3	0.809	0.042	0.0440	
2160 minute winter	Roof 4	2.000	SWMH03	1.3	1.067	0.004	0.2865	
2160 minute winter	RoofX	9.000	SWMH13	0.8	0.270	0.009	0.6813	
2160 minute winter	Road Tank 1	12.001	SWMH20	5.9	0.331	0.084	0.2465	
2160 minute winter	Access Road	13.000	Access Road Tank	1.1	0.265	0.006	0.2101	
2160 minute winter	Clean Tank 1	1.004	SWMH05	17.0	0.481	0.026	1.1234	
2160 minute winter	SWMH09	1.011	Road Tank 2	10.7	0.390	0.167	0.2716	
2160 minute winter	SWMH13	8.001	SWMH14	2.5	0.486	0.025	0.5217	
2160 minute winter	PP2a	5.000_1	SWMH16	0.2	1.407	0.005	0.0080	
2160 minute winter	SWMH07	1.008_1	Clean Tank 3	4.2	0.424	0.061	0.7183	
2160 minute winter	PP5b	7.000_1	SWMH17	1.0	0.395	0.013	0.5062	
2160 minute winter	Road Tank 2	1.012_1	SWMH10	8.3	0.123	0.030	1.6996	

Results for 100 year +40% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	Outfall	1560	15.281	0.061	9.3	0.0000	0.0000	OK
2880 minute summer	PP2b	1500	17.130	0.010	0.9	0.1411	0.0000	OK
2880 minute summer	PP3a	1980	16.757	0.357	1.5	0.0000	0.0000	SURCHARGED
2880 minute summer	SWMH04	1920	16.944	0.794	14.2	1.4032	0.0000	SURCHARGED
2880 minute summer	Roof 3	1500	17.274	0.015	1.5	0.0167	0.0000	OK
2880 minute summer	Clean Tank 2	1920	16.944	0.974	12.8	161.9457	0.0000	SURCHARGED
2880 minute summer	SWMH02	1920	16.944	0.544	10.1	0.9615	0.0000	SURCHARGED
2880 minute summer	SWMH01	1920	16.944	0.394	4.6	0.6964	0.0000	OK
2880 minute summer	SWMH17	1980	16.757	0.591	6.4	0.6688	0.0000	SURCHARGED
2880 minute summer	SWMH14	1980	16.757	0.478	2.9	0.6845	0.0000	SURCHARGED
2880 minute summer	Clean Tank 3	1980	16.757	0.997	10.5	146.8636	0.0000	SURCHARGED
2880 minute summer	SWMH20	1740	16.093	0.323	7.2	0.3664	0.0000	SURCHARGED
2880 minute summer	Grasscrete1	1740	17.360	0.010	0.1	0.2881	0.0000	OK
2880 minute summer	PP4	1980	16.757	0.237	0.2	2.5009	0.0000	SURCHARGED
2880 minute summer	PP5a	1440	17.004	0.004	0.2	0.0000	0.0000	OK
2880 minute summer	SWMH15	1980	16.757	0.765	2.6	0.8656	0.0000	SURCHARGED
2880 minute summer	SWMH22	1500	17.069	0.034	8.1	0.0491	0.0000	OK
2880 minute summer	SWMH10	1740	16.088	0.496	8.3	0.8767	0.0000	SURCHARGED
2880 minute summer	SWMH06	1920	16.944	0.984	3.9	1.7388	0.0000	SURCHARGED
2880 minute summer	SWMH08	1980	16.757	1.004	5.0	1.7746	0.0000	SURCHARGED
2880 minute summer	SWMH03	1920	16.944	0.694	22.0	1.2265	0.0000	SURCHARGED
2880 minute summer	Access Road Tank	1560	15.515	0.215	9.4	6.1192	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	PP2b	4.001	Clean Tank 2	0.9	0.734	0.004	0.1229	
2880 minute summer	PP3a	3.001	SWMH13	1.5	0.305	0.036	3.0280	
2880 minute summer	SWMH04	1.003	Clean Tank 1	13.6	0.944	0.013	0.2160	
2880 minute summer	Roof 3	3.000	SWMH16	1.5	1.370	0.020	0.0520	
2880 minute summer	Clean Tank 2	1.007_1	SWMH06	3.9	0.159	0.052	0.1549	
2880 minute summer	SWMH02	1.001	SWMH03	9.5	0.588	0.035	10.3696	
2880 minute summer	SWMH01	1.000	SWMH02	4.6	0.343	0.016	8.4620	
2880 minute summer	SWMH17	5.000	Clean Tank 3	7.1	0.988	0.012	0.0704	
2880 minute summer	SWMH14	4.000	SWMH15	2.6	0.466	0.027	2.6407	
2880 minute summer	Clean Tank 3	1.008	SWMH08	4.6	0.090	0.064	0.1197	
2880 minute summer	SWMH20	12.002	SWMH09	6.5	0.288	0.084	2.0070	
2880 minute summer	Grasscrete1	4.000_1	SWMH16	0.1	0.266	0.019	0.0019	
2880 minute summer	PP4	3.002	SWMH14	0.2	0.328	0.012	0.1690	
2880 minute summer	PP5a	6.000	SWMH08	0.2	0.005	0.000	0.1023	
2880 minute summer	SWMH15	8.003	SWMH08	2.5	0.218	0.016	0.9366	
2880 minute summer	SWMH22	7.000	Road Tank 1	8.1	1.851	0.027	0.0438	
2880 minute summer	SWMH10	1.013	Access Road Tank	8.3	0.426	0.085	1.2168	
2880 minute summer	SWMH06	1.007	SWMH07	3.8	0.407	0.057	2.4647	
2880 minute summer	SWMH08	1.009	SWMH09	11.5	0.447	0.073	0.4225	
2880 minute summer	SWMH03	1.002	SWMH04	12.9	0.890	0.026	2.0523	
2880 minute summer	Access Road Tank	1.012	SWMH11	9.3	0.292	0.105	0.1986	

Results for 100 year +40% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	SWMH05	1920	16.944	0.942	15.9	1.6647	0.0000	SURCHARGED
2880 minute summer	SWMH11	1560	15.514	0.254	9.3	0.4495	0.0000	OK
2880 minute summer	SWMH16	1920	16.944	0.717	2.7	1.0263	0.0000	SURCHARGED
2880 minute summer	Roof 4	1500	17.015	0.015	1.5	0.0170	0.0000	OK
2880 minute summer	RoofX	1980	16.757	0.357	0.8	0.4041	0.0000	SURCHARGED
2880 minute summer	Road Tank 1	1740	16.094	0.310	8.1	27.9332	0.0000	SURCHARGED
2880 minute summer	Access Road	1500	15.519	0.019	1.3	0.0210	0.0000	OK
2880 minute summer	Clean Tank 1	1920	16.944	0.844	20.5	144.3443	0.0000	SURCHARGED
2880 minute summer	SWMH09	1740	16.089	0.456	13.2	0.5152	0.0000	SURCHARGED
2880 minute summer	SWMH13	1980	16.757	0.420	2.3	0.6015	0.0000	SURCHARGED
2880 minute summer	PP2a	1500	17.316	0.006	0.3	0.1098	0.0000	OK
2880 minute summer	SWMH07	1980	16.758	0.928	3.8	1.0490	0.0000	SURCHARGED
2880 minute summer	PP5b	1980	16.757	0.557	0.7	0.0000	0.0000	SURCHARGED
2880 minute summer	Road Tank 2	1740	16.088	0.469	17.1	53.4861	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	SWMH05	1.005	Clean Tank 2	-15.9	0.409	-0.058	2.1603	
2880 minute summer	SWMH11	1.015	Outfall	9.3	0.837	0.093	0.0553	1042.5
2880 minute summer	SWMH16	3.001_1	Clean Tank 2	2.6	0.721	0.049	0.0440	
2880 minute summer	Roof 4	2.000	SWMH03	1.5	1.067	0.005	0.2359	
2880 minute summer	RoofX	9.000	SWMH13	0.8	0.275	0.009	0.6813	
2880 minute summer	Road Tank 1	12.001	SWMH20	7.2	0.331	0.103	0.2465	
2880 minute summer	Access Road	13.000	Access Road Tank	1.3	0.253	0.007	0.2249	
2880 minute summer	Clean Tank 1	1.004	SWMH05	-15.5	0.447	-0.023	1.1234	
2880 minute summer	SWMH09	1.011	Road Tank 2	17.1	0.375	0.267	0.2716	
2880 minute summer	SWMH13	8.001	SWMH14	2.4	0.504	0.024	0.5217	
2880 minute summer	PP2a	5.000_1	SWMH16	0.3	1.407	0.007	0.0080	
2880 minute summer	SWMH07	1.008_1	Clean Tank 3	3.8	0.391	0.055	0.7183	
2880 minute summer	PP5b	7.000_1	SWMH17	0.8	0.387	0.011	0.5062	
2880 minute summer	Road Tank 2	1.012_1	SWMH10	8.3	0.107	0.030	1.6603	

Results for 100 year +40% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	Outfall	1620	15.280	0.060	8.8	0.0000	0.0000	OK
2880 minute winter	PP2b	1380	17.129	0.009	0.6	0.0980	0.0000	OK
2880 minute winter	PP3a	2100	16.720	0.320	1.0	0.0000	0.0000	SURCHARGED
2880 minute winter	SWMH04	2040	16.916	0.766	41.8	1.3536	0.0000	SURCHARGED
2880 minute winter	Roof 3	1440	17.271	0.012	1.0	0.0138	0.0000	OK
2880 minute winter	Clean Tank 2	2040	16.916	0.946	11.5	157.2792	0.0000	SURCHARGED
2880 minute winter	SWMH02	2040	16.916	0.516	6.8	0.9119	0.0000	OK
2880 minute winter	SWMH01	2040	16.916	0.366	3.1	0.6469	0.0000	OK
2880 minute winter	SWMH17	2100	16.720	0.554	2.8	0.6263	0.0000	SURCHARGED
2880 minute winter	SWMH14	2100	16.720	0.441	1.8	0.6306	0.0000	SURCHARGED
2880 minute winter	Clean Tank 3	2100	16.720	0.960	4.8	141.3188	0.0000	SURCHARGED
2880 minute winter	SWMH20	1800	15.995	0.225	4.9	0.2549	0.0000	OK
2880 minute winter	Grasscrete1	1800	17.360	0.010	0.1	0.2881	0.0000	OK
2880 minute winter	PP4	2100	16.720	0.200	0.1	1.7535	0.0000	SURCHARGED
2880 minute winter	PP5a	1020	17.003	0.003	0.1	0.0000	0.0000	OK
2880 minute winter	SWMH15	2100	16.720	0.728	1.8	0.8230	0.0000	SURCHARGED
2880 minute winter	SWMH22	1500	17.063	0.028	5.5	0.0407	0.0000	OK
2880 minute winter	SWMH10	1800	15.990	0.398	8.2	0.7038	0.0000	SURCHARGED
2880 minute winter	SWMH06	2040	16.916	0.956	3.9	1.6892	0.0000	SURCHARGED
2880 minute winter	SWMH08	2100	16.720	0.967	5.1	1.7081	0.0000	SURCHARGED
2880 minute winter	SWMH03	2040	16.916	0.666	7.5	1.1769	0.0000	SURCHARGED
2880 minute winter	Access Road Tank	1620	15.481	0.181	8.8	5.1598	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	PP2b	4.001	Clean Tank 2	0.6	0.724	0.003	0.1225	
2880 minute winter	PP3a	3.001	SWMH13	1.0	0.267	0.025	3.0280	
2880 minute winter	SWMH04	1.003	Clean Tank 1	-31.7	0.943	-0.029	0.2160	
2880 minute winter	Roof 3	3.000	SWMH16	1.0	1.370	0.013	0.0514	
2880 minute winter	Clean Tank 2	1.007_1	SWMH06	3.9	0.150	0.052	0.1549	
2880 minute winter	SWMH02	1.001	SWMH03	6.5	0.567	0.024	10.3482	
2880 minute winter	SWMH01	1.000	SWMH02	3.1	0.313	0.011	8.1572	
2880 minute winter	SWMH17	5.000	Clean Tank 3	1.7	0.988	0.003	0.0704	
2880 minute winter	SWMH14	4.000	SWMH15	1.8	0.466	0.019	2.6407	
2880 minute winter	Clean Tank 3	1.008	SWMH08	4.7	-0.112	0.066	0.1197	
2880 minute winter	SWMH20	12.002	SWMH09	5.1	0.290	0.067	1.7961	
2880 minute winter	Grasscrete1	4.000_1	SWMH16	0.1	0.266	0.019	0.0019	
2880 minute winter	PP4	3.002	SWMH14	0.1	0.265	0.006	0.1690	
2880 minute winter	PP5a	6.000	SWMH08	0.1	0.004	0.000	0.1022	
2880 minute winter	SWMH15	8.003	SWMH08	1.8	0.212	0.012	0.9366	
2880 minute winter	SWMH22	7.000	Road Tank 1	5.5	1.652	0.018	0.0333	
2880 minute winter	SWMH10	1.013	Access Road Tank	8.1	0.439	0.083	1.0311	
2880 minute winter	SWMH06	1.007	SWMH07	3.8	0.413	0.057	2.4647	
2880 minute winter	SWMH08	1.009	SWMH09	9.1	0.355	0.058	0.3909	
2880 minute winter	SWMH03	1.002	SWMH04	17.8	0.868	0.036	2.0523	
2880 minute winter	Access Road Tank	1.012	SWMH11	8.8	0.288	0.100	0.1664	

Results for 100 year +40% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	SWMH05	2040	16.916	0.914	25.3	1.6151	0.0000	SURCHARGED
2880 minute winter	SWMH11	1620	15.481	0.221	8.8	0.3900	0.0000	OK
2880 minute winter	SWMH16	2040	16.916	0.689	1.8	0.9861	0.0000	SURCHARGED
2880 minute winter	Roof 4	1380	17.013	0.013	1.0	0.0144	0.0000	OK
2880 minute winter	RoofX	2100	16.720	0.320	0.6	0.3615	0.0000	SURCHARGED
2880 minute winter	Road Tank 1	1800	15.995	0.211	5.5	19.0389	0.0000	OK
2880 minute winter	Access Road	1500	15.516	0.016	0.9	0.0176	0.0000	OK
2880 minute winter	Clean Tank 1	2040	16.916	0.816	36.7	139.5446	0.0000	SURCHARGED
2880 minute winter	SWMH09	1800	15.991	0.358	14.2	0.4045	0.0000	SURCHARGED
2880 minute winter	SWMH13	2100	16.720	0.383	1.8	0.5476	0.0000	SURCHARGED
2880 minute winter	PP2a	1320	17.315	0.005	0.2	0.0872	0.0000	OK
2880 minute winter	SWMH07	2100	16.720	0.890	3.8	1.0065	0.0000	SURCHARGED
2880 minute winter	PP5b	2100	16.720	0.520	0.5	0.0000	0.0000	SURCHARGED
2880 minute winter	Road Tank 2	1800	15.990	0.371	11.7	42.3265	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	SWMH05	1.005	Clean Tank 2	-25.3	0.336	-0.092	2.1603	
2880 minute winter	SWMH11	1.015	Outfall	8.8	0.825	0.088	0.0531	1056.0
2880 minute winter	SWMH16	3.001_1	Clean Tank 2	5.6	0.786	0.103	0.0440	
2880 minute winter	Roof 4	2.000	SWMH03	1.0	1.016	0.003	0.2354	
2880 minute winter	RoofX	9.000	SWMH13	0.8	0.245	0.009	0.6813	
2880 minute winter	Road Tank 1	12.001	SWMH20	4.9	0.330	0.070	0.1918	
2880 minute winter	Access Road	13.000	Access Road Tank	0.9	0.358	0.005	0.1850	
2880 minute winter	Clean Tank 1	1.004	SWMH05	-23.9	0.453	-0.036	1.1234	
2880 minute winter	SWMH09	1.011	Road Tank 2	11.7	0.378	0.182	0.2716	
2880 minute winter	SWMH13	8.001	SWMH14	1.5	0.463	0.015	0.5217	
2880 minute winter	PP2a	5.000_1	SWMH16	0.2	1.172	0.005	0.0080	
2880 minute winter	SWMH07	1.008_1	Clean Tank 3	3.8	0.397	0.055	0.7183	
2880 minute winter	PP5b	7.000_1	SWMH17	0.6	0.358	0.007	0.5062	
2880 minute winter	Road Tank 2	1.012_1	SWMH10	8.2	0.107	0.029	1.3562	

Results for 100 year +40% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	Outfall	2280	15.279	0.059	8.6	0.0000	0.0000	OK
4320 minute summer	PP2b	2220	17.129	0.009	0.7	0.1128	0.0000	OK
4320 minute summer	PP3a	2760	16.626	0.226	1.1	0.0000	0.0000	OK
4320 minute summer	SWMH04	2760	16.806	0.656	17.9	1.1595	0.0000	SURCHARGED
4320 minute summer	Roof 3	2220	17.272	0.013	1.1	0.0144	0.0000	OK
4320 minute summer	Clean Tank 2	2760	16.806	0.836	16.3	139.0143	0.0000	SURCHARGED
4320 minute summer	SWMH02	2760	16.806	0.406	7.3	0.7178	0.0000	OK
4320 minute summer	SWMH01	2760	16.806	0.256	3.3	0.4527	0.0000	OK
4320 minute summer	SWMH17	2760	16.626	0.460	4.5	0.5203	0.0000	SURCHARGED
4320 minute summer	SWMH14	2760	16.626	0.347	2.1	0.4965	0.0000	SURCHARGED
4320 minute summer	Clean Tank 3	2760	16.626	0.866	8.8	127.5206	0.0000	SURCHARGED
4320 minute summer	SWMH20	2400	15.958	0.188	5.1	0.2136	0.0000	OK
4320 minute summer	Grasscrete1	2460	17.360	0.010	0.1	0.2881	0.0000	OK
4320 minute summer	PP4	2760	16.626	0.106	0.2	0.4443	0.0000	OK
4320 minute summer	PP5a	1800	17.003	0.003	0.1	0.0000	0.0000	OK
4320 minute summer	SWMH15	2760	16.626	0.634	2.1	0.7170	0.0000	SURCHARGED
4320 minute summer	SWMH22	2220	17.064	0.029	5.8	0.0417	0.0000	OK
4320 minute summer	SWMH10	2460	15.954	0.362	8.0	0.6396	0.0000	SURCHARGED
4320 minute summer	SWMH06	2760	16.806	0.846	3.7	1.4951	0.0000	SURCHARGED
4320 minute summer	SWMH08	2760	16.626	0.873	4.8	1.5425	0.0000	SURCHARGED
4320 minute summer	SWMH03	2760	16.806	0.556	8.7	0.9828	0.0000	SURCHARGED
4320 minute summer	Access Road Tank	2280	15.478	0.178	8.6	5.0598	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	PP2b	4.001	Clean Tank 2	0.7	0.734	0.003	0.1226	
4320 minute summer	PP3a	3.001	SWMH13	1.1	0.275	0.026	2.7206	
4320 minute summer	SWMH04	1.003	Clean Tank 1	49.8	0.935	0.046	0.2160	
4320 minute summer	Roof 3	3.000	SWMH16	1.1	1.316	0.015	0.0515	
4320 minute summer	Clean Tank 2	1.007_1	SWMH06	3.7	0.155	0.049	0.1549	
4320 minute summer	SWMH02	1.001	SWMH03	7.5	0.565	0.028	9.4881	
4320 minute summer	SWMH01	1.000	SWMH02	3.3	0.317	0.012	6.1608	
4320 minute summer	SWMH17	5.000	Clean Tank 3	5.7	0.988	0.010	0.0704	
4320 minute summer	SWMH14	4.000	SWMH15	2.1	0.466	0.022	2.6407	
4320 minute summer	Clean Tank 3	1.008	SWMH08	4.4	-0.112	0.062	0.1197	
4320 minute summer	SWMH20	12.002	SWMH09	5.3	0.256	0.069	1.6509	
4320 minute summer	Grasscrete1	4.000_1	SWMH16	0.1	0.266	0.019	0.0019	
4320 minute summer	PP4	3.002	SWMH14	0.2	0.328	0.012	0.1484	
4320 minute summer	PP5a	6.000	SWMH08	0.1	0.004	0.000	0.1022	
4320 minute summer	SWMH15	8.003	SWMH08	2.2	0.219	0.015	0.9366	
4320 minute summer	SWMH22	7.000	Road Tank 1	5.8	1.677	0.019	0.0346	
4320 minute summer	SWMH10	1.013	Access Road Tank	7.9	0.434	0.082	1.0091	
4320 minute summer	SWMH06	1.007	SWMH07	3.6	0.381	0.054	2.4647	
4320 minute summer	SWMH08	1.009	SWMH09	8.9	0.363	0.056	0.3620	
4320 minute summer	SWMH03	1.002	SWMH04	17.3	0.811	0.035	2.0523	
4320 minute summer	Access Road Tank	1.012	SWMH11	8.6	0.293	0.098	0.1629	

Results for 100 year +40% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	SWMH05	2760	16.806	0.804	11.3	1.4210	0.0000	SURCHARGED
4320 minute summer	SWMH11	2280	15.477	0.217	8.6	0.3838	0.0000	OK
4320 minute summer	SWMH16	2760	16.806	0.579	2.0	0.8289	0.0000	SURCHARGED
4320 minute summer	Roof 4	2160	17.013	0.013	1.1	0.0151	0.0000	OK
4320 minute summer	RoofX	2760	16.626	0.226	0.6	0.2556	0.0000	OK
4320 minute summer	Road Tank 1	2400	15.958	0.174	5.8	15.7477	0.0000	OK
4320 minute summer	Access Road	2220	15.516	0.016	0.9	0.0176	0.0000	OK
4320 minute summer	Clean Tank 1	2760	16.806	0.706	49.8	120.7576	0.0000	SURCHARGED
4320 minute summer	SWMH09	2460	15.954	0.321	13.7	0.3633	0.0000	SURCHARGED
4320 minute summer	SWMH13	2760	16.626	0.289	2.1	0.4135	0.0000	OK
4320 minute summer	PP2a	2100	17.315	0.005	0.2	0.0872	0.0000	OK
4320 minute summer	SWMH07	2760	16.626	0.796	3.6	0.9005	0.0000	SURCHARGED
4320 minute summer	PP5b	2760	16.626	0.426	0.5	0.0000	0.0000	SURCHARGED
4320 minute summer	Road Tank 2	2460	15.954	0.335	13.5	38.1735	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	SWMH05	1.005	Clean Tank 2	14.9	0.359	0.054	2.1603	
4320 minute summer	SWMH11	1.015	Outfall	8.6	0.821	0.087	0.0525	1279.8
4320 minute summer	SWMH16	3.001_1	Clean Tank 2	2.0	0.718	0.037	0.0440	
4320 minute summer	Roof 4	2.000	SWMH03	1.1	1.043	0.003	0.2346	
4320 minute summer	RoofX	9.000	SWMH13	0.9	0.249	0.010	0.6121	
4320 minute summer	Road Tank 1	12.001	SWMH20	5.1	0.329	0.073	0.1559	
4320 minute summer	Access Road	13.000	Access Road Tank	0.9	0.263	0.005	0.1808	
4320 minute summer	Clean Tank 1	1.004	SWMH05	-11.3	0.443	-0.017	1.1234	
4320 minute summer	SWMH09	1.011	Road Tank 2	13.5	0.350	0.210	0.2716	
4320 minute summer	SWMH13	8.001	SWMH14	1.7	0.473	0.017	0.5187	
4320 minute summer	PP2a	5.000_1	SWMH16	0.2	1.172	0.005	0.0080	
4320 minute summer	SWMH07	1.008_1	Clean Tank 3	3.6	0.375	0.053	0.7183	
4320 minute summer	PP5b	7.000_1	SWMH17	0.8	0.358	0.010	0.5062	
4320 minute summer	Road Tank 2	1.012_1	SWMH10	8.0	0.108	0.028	1.2165	

Results for 100 year +40% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	Outfall	2340	15.277	0.057	7.9	0.0000	0.0000	OK
4320 minute winter	PP2b	1920	17.127	0.007	0.4	0.0681	0.0000	OK
4320 minute winter	PP3a	2880	16.556	0.156	0.7	0.0000	0.0000	OK
4320 minute winter	SWMH04	2940	16.730	0.580	21.1	1.0245	0.0000	SURCHARGED
4320 minute winter	Roof 3	2100	17.269	0.010	0.7	0.0117	0.0000	OK
4320 minute winter	Clean Tank 2	2940	16.730	0.760	19.4	126.3173	0.0000	SURCHARGED
4320 minute winter	SWMH02	2940	16.730	0.330	4.8	0.5828	0.0000	OK
4320 minute winter	SWMH01	2940	16.730	0.180	2.2	0.3178	0.0000	OK
4320 minute winter	SWMH17	2880	16.556	0.390	3.0	0.4406	0.0000	SURCHARGED
4320 minute winter	SWMH14	2880	16.556	0.276	1.3	0.3957	0.0000	OK
4320 minute winter	Clean Tank 3	2880	16.556	0.796	6.1	117.1456	0.0000	SURCHARGED
4320 minute winter	SWMH20	2520	15.872	0.102	3.7	0.1164	0.0000	OK
4320 minute winter	Grasscrete1	2460	17.360	0.010	0.1	0.2881	0.0000	OK
4320 minute winter	PP4	2880	16.555	0.035	0.1	0.0295	0.0000	OK
4320 minute winter	PP5a	1680	17.003	0.003	0.1	0.0000	0.0000	OK
4320 minute winter	SWMH15	2880	16.556	0.564	1.5	0.6374	0.0000	SURCHARGED
4320 minute winter	SWMH22	2160	17.059	0.024	3.8	0.0341	0.0000	OK
4320 minute winter	SWMH10	2520	15.866	0.274	7.8	0.4841	0.0000	OK
4320 minute winter	SWMH06	2940	16.730	0.770	3.6	1.3601	0.0000	SURCHARGED
4320 minute winter	SWMH08	2880	16.556	0.803	4.7	1.4180	0.0000	SURCHARGED
4320 minute winter	SWMH03	2940	16.730	0.480	12.2	0.8478	0.0000	OK
4320 minute winter	Access Road Tank	2340	15.461	0.161	7.9	4.6007	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	PP2b	4.001	Clean Tank 2	0.4	0.724	0.002	0.1221	
4320 minute winter	PP3a	3.001	SWMH13	0.7	0.239	0.017	1.9749	
4320 minute winter	SWMH04	1.003	Clean Tank 1	-15.4	0.915	-0.014	0.2160	
4320 minute winter	Roof 3	3.000	SWMH16	0.7	1.257	0.009	0.0510	
4320 minute winter	Clean Tank 2	1.007_1	SWMH06	3.6	0.155	0.048	0.1549	
4320 minute winter	SWMH02	1.001	SWMH03	5.5	0.520	0.020	8.3945	
4320 minute winter	SWMH01	1.000	SWMH02	2.2	0.287	0.008	4.5163	
4320 minute winter	SWMH17	5.000	Clean Tank 3	3.1	0.988	0.005	0.0704	
4320 minute winter	SWMH14	4.000	SWMH15	1.5	0.448	0.016	2.5934	
4320 minute winter	Clean Tank 3	1.008	SWMH08	4.3	0.093	0.061	0.1197	
4320 minute winter	SWMH20	12.002	SWMH09	4.3	0.258	0.057	1.1422	
4320 minute winter	Grasscrete1	4.000_1	SWMH16	0.1	0.266	0.019	0.0019	
4320 minute winter	PP4	3.002	SWMH14	0.2	0.265	0.011	0.0913	
4320 minute winter	PP5a	6.000	SWMH08	0.1	0.004	0.000	0.1022	
4320 minute winter	SWMH15	8.003	SWMH08	1.9	0.218	0.013	0.9366	
4320 minute winter	SWMH22	7.000	Road Tank 1	3.8	1.477	0.013	0.0257	
4320 minute winter	SWMH10	1.013	Access Road Tank	7.4	0.436	0.076	0.9105	
4320 minute winter	SWMH06	1.007	SWMH07	3.6	0.389	0.053	2.4647	
4320 minute winter	SWMH08	1.009	SWMH09	13.3	0.398	0.084	0.2548	
4320 minute winter	SWMH03	1.002	SWMH04	13.6	0.820	0.027	2.0093	
4320 minute winter	Access Road Tank	1.012	SWMH11	7.9	0.270	0.090	0.1464	

Results for 100 year +40% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	SWMH05	2940	16.730	0.728	15.3	1.2860	0.0000	SURCHARGED
4320 minute winter	SWMH11	2340	15.461	0.201	7.9	0.3554	0.0000	OK
4320 minute winter	SWMH16	2940	16.730	0.503	1.3	0.7196	0.0000	SURCHARGED
4320 minute winter	Roof 4	2100	17.011	0.011	0.7	0.0123	0.0000	OK
4320 minute winter	RoofX	2880	16.556	0.156	0.4	0.1759	0.0000	OK
4320 minute winter	Road Tank 1	2520	15.873	0.089	3.8	7.9913	0.0000	OK
4320 minute winter	Access Road	2100	15.513	0.013	0.6	0.0147	0.0000	OK
4320 minute winter	Clean Tank 1	2940	16.730	0.630	19.8	107.6979	0.0000	SURCHARGED
4320 minute winter	SWMH09	2460	15.875	0.242	19.7	0.2740	0.0000	OK
4320 minute winter	SWMH13	2880	16.556	0.219	2.0	0.3128	0.0000	OK
4320 minute winter	PP2a	1500	17.314	0.004	0.1	0.0618	0.0000	OK
4320 minute winter	SWMH07	2880	16.556	0.726	3.6	0.8208	0.0000	SURCHARGED
4320 minute winter	PP5b	2880	16.556	0.356	0.3	0.0000	0.0000	SURCHARGED
4320 minute winter	Road Tank 2	2520	15.866	0.247	14.4	28.1461	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	SWMH05	1.005	Clean Tank 2	14.8	0.383	0.054	2.1603	
4320 minute winter	SWMH11	1.015	Outfall	7.9	0.802	0.080	0.0493	1293.6
4320 minute winter	SWMH16	3.001_1	Clean Tank 2	4.3	0.720	0.079	0.0440	
4320 minute winter	Roof 4	2.000	SWMH03	0.7	0.918	0.002	0.2121	
4320 minute winter	RoofX	9.000	SWMH13	0.8	0.232	0.009	0.4443	
4320 minute winter	Road Tank 1	12.001	SWMH20	3.7	0.328	0.053	0.0675	
4320 minute winter	Access Road	13.000	Access Road Tank	0.6	0.349	0.003	0.1606	
4320 minute winter	Clean Tank 1	1.004	SWMH05	-15.6	0.443	-0.023	1.1234	
4320 minute winter	SWMH09	1.011	Road Tank 2	14.4	0.356	0.225	0.2363	
4320 minute winter	SWMH13	8.001	SWMH14	1.1	0.434	0.011	0.4552	
4320 minute winter	PP2a	5.000_1	SWMH16	0.1	1.172	0.002	0.0079	
4320 minute winter	SWMH07	1.008_1	Clean Tank 3	3.6	0.382	0.052	0.7183	
4320 minute winter	PP5b	7.000_1	SWMH17	0.5	0.358	0.006	0.5062	
4320 minute winter	Road Tank 2	1.012_1	SWMH10	7.8	0.107	0.028	0.8546	

Results for 100 year +40% CC 5760 minute summer. 6000 minute analysis at 60 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
5760 minute summer	Outfall	3060	15.277	0.057	8.1	0.0000	0.0000	OK
5760 minute summer	PP2b	2880	17.128	0.008	0.5	0.0831	0.0000	OK
5760 minute summer	PP3a	3540	16.530	0.130	0.9	0.0000	0.0000	OK
5760 minute summer	SWMH04	3540	16.700	0.550	21.3	0.9715	0.0000	SURCHARGED
5760 minute summer	Roof 3	2940	17.271	0.012	0.9	0.0132	0.0000	OK
5760 minute summer	Clean Tank 2	3540	16.700	0.730	23.1	121.3307	0.0000	SURCHARGED
5760 minute summer	SWMH02	3540	16.700	0.300	5.8	0.5298	0.0000	OK
5760 minute summer	SWMH01	3540	16.700	0.150	2.6	0.2648	0.0000	OK
5760 minute summer	SWMH17	3540	16.530	0.364	1.7	0.4121	0.0000	SURCHARGED
5760 minute summer	SWMH14	3540	16.530	0.251	2.7	0.3597	0.0000	OK
5760 minute summer	Clean Tank 3	3540	16.530	0.770	8.6	113.4390	0.0000	SURCHARGED
5760 minute summer	SWMH20	3120	15.889	0.119	4.3	0.1348	0.0000	OK
5760 minute summer	Grasscrete1	3120	17.360	0.010	0.1	0.2881	0.0000	OK
5760 minute summer	PP4	3540	16.530	0.010	0.1	0.0000	0.0000	OK
5760 minute summer	PP5a	2520	17.003	0.003	0.1	0.0000	0.0000	OK
5760 minute summer	SWMH15	3540	16.530	0.538	1.7	0.6088	0.0000	SURCHARGED
5760 minute summer	SWMH22	2940	17.061	0.026	4.6	0.0374	0.0000	OK
5760 minute summer	SWMH10	3120	15.883	0.291	7.7	0.5145	0.0000	OK
5760 minute summer	SWMH06	3540	16.700	0.740	3.5	1.3071	0.0000	SURCHARGED
5760 minute summer	SWMH08	3540	16.530	0.777	4.7	1.3735	0.0000	SURCHARGED
5760 minute summer	SWMH03	3540	16.700	0.450	13.4	0.7948	0.0000	OK
5760 minute summer	Access Road Tank	3060	15.466	0.166	8.1	4.7337	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
5760 minute summer	PP2b	4.001	Clean Tank 2	0.5	0.125	0.002	0.1223	
5760 minute summer	PP3a	3.001	SWMH13	0.9	0.259	0.021	1.6630	
5760 minute summer	SWMH04	1.003	Clean Tank 1	18.4	0.921	0.017	0.2160	
5760 minute summer	Roof 3	3.000	SWMH16	0.9	1.257	0.012	0.0513	
5760 minute summer	Clean Tank 2	1.007_1	SWMH06	3.5	0.155	0.047	0.1549	
5760 minute summer	SWMH02	1.001	SWMH03	6.0	0.542	0.022	7.7855	
5760 minute summer	SWMH01	1.000	SWMH02	2.6	0.304	0.009	3.8653	
5760 minute summer	SWMH17	5.000	Clean Tank 3	5.5	0.988	0.010	0.0704	
5760 minute summer	SWMH14	4.000	SWMH15	1.7	0.466	0.017	2.5022	
5760 minute summer	Clean Tank 3	1.008	SWMH08	4.2	0.107	0.060	0.1197	
5760 minute summer	SWMH20	12.002	SWMH09	5.0	0.245	0.065	1.2490	
5760 minute summer	Grasscrete1	4.000_1	SWMH16	0.1	0.266	0.019	0.0019	
5760 minute summer	PP4	3.002	SWMH14	0.1	0.265	0.006	0.0633	
5760 minute summer	PP5a	6.000	SWMH08	0.1	0.004	0.000	0.1022	
5760 minute summer	SWMH15	8.003	SWMH08	1.6	0.177	0.010	0.9366	
5760 minute summer	SWMH22	7.000	Road Tank 1	4.6	1.569	0.015	0.0293	
5760 minute summer	SWMH10	1.013	Access Road Tank	7.5	0.425	0.078	0.9391	
5760 minute summer	SWMH06	1.007	SWMH07	3.5	0.379	0.052	2.4647	
5760 minute summer	SWMH08	1.009	SWMH09	14.2	0.428	0.090	0.2754	
5760 minute summer	SWMH03	1.002	SWMH04	18.1	0.789	0.036	1.9619	
5760 minute summer	Access Road Tank	1.012	SWMH11	8.1	0.318	0.092	0.1512	

Results for 100 year +40% CC 5760 minute summer. 6000 minute analysis at 60 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
5760 minute summer	SWMH05	3540	16.700	0.698	19.0	1.2330	0.0000	SURCHARGED
5760 minute summer	SWMH11	3060	15.466	0.206	8.1	0.3636	0.0000	OK
5760 minute summer	SWMH16	3540	16.700	0.473	2.5	0.6767	0.0000	SURCHARGED
5760 minute summer	Roof 4	2940	17.012	0.012	0.9	0.0138	0.0000	OK
5760 minute summer	RoofX	3540	16.530	0.130	0.5	0.1475	0.0000	OK
5760 minute summer	Road Tank 1	3120	15.889	0.105	4.6	9.4706	0.0000	OK
5760 minute summer	Access Road	2880	15.514	0.014	0.7	0.0157	0.0000	OK
5760 minute summer	Clean Tank 1	3540	16.700	0.600	18.4	102.5688	0.0000	SURCHARGED
5760 minute summer	SWMH09	3120	15.885	0.252	18.8	0.2851	0.0000	OK
5760 minute summer	SWMH13	3540	16.530	0.193	1.4	0.2767	0.0000	OK
5760 minute summer	PP2a	2940	17.315	0.005	0.2	0.0872	0.0000	OK
5760 minute summer	SWMH07	3540	16.531	0.701	3.5	0.7923	0.0000	SURCHARGED
5760 minute summer	PP5b	3540	16.530	0.330	0.4	0.0000	0.0000	SURCHARGED
5760 minute summer	Road Tank 2	3120	15.883	0.264	14.3	30.1125	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
5760 minute summer	SWMH05	1.005	Clean Tank 2	21.9	0.365	0.080	2.1603	
5760 minute summer	SWMH11	1.015	Outfall	8.1	0.808	0.082	0.0503	1452.4
5760 minute summer	SWMH16	3.001_1	Clean Tank 2	2.2	0.592	0.042	0.0440	
5760 minute summer	Roof 4	2.000	SWMH03	0.9	0.987	0.003	0.1885	
5760 minute summer	RoofX	9.000	SWMH13	0.5	0.242	0.006	0.3742	
5760 minute summer	Road Tank 1	12.001	SWMH20	4.3	0.329	0.062	0.0837	
5760 minute summer	Access Road	13.000	Access Road Tank	0.7	0.267	0.004	0.1666	
5760 minute summer	Clean Tank 1	1.004	SWMH05	19.0	0.514	0.029	1.1234	
5760 minute summer	SWMH09	1.011	Road Tank 2	14.3	0.337	0.224	0.2482	
5760 minute summer	SWMH13	8.001	SWMH14	2.5	0.463	0.026	0.4112	
5760 minute summer	PP2a	5.000_1	SWMH16	0.2	1.172	0.005	0.0080	
5760 minute summer	SWMH07	1.008_1	Clean Tank 3	3.5	0.364	0.051	0.7183	
5760 minute summer	PP5b	7.000_1	SWMH17	0.5	0.358	0.007	0.5062	
5760 minute summer	Road Tank 2	1.012_1	SWMH10	7.7	0.107	0.028	0.9267	

Results for 100 year +40% CC 5760 minute winter. 6000 minute analysis at 60 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
5760 minute winter	Outfall	3060	15.274	0.054	7.3	0.0000	0.0000	OK
5760 minute winter	PP2b	2400	17.126	0.006	0.3	0.0528	0.0000	OK
5760 minute winter	PP3a	3660	16.438	0.038	0.6	0.0000	0.0000	OK
5760 minute winter	SWMH04	3720	16.594	0.444	13.9	0.7851	0.0000	OK
5760 minute winter	Roof 3	2940	17.269	0.010	0.6	0.0109	0.0000	OK
5760 minute winter	Clean Tank 2	3720	16.594	0.624	20.2	103.7914	0.0000	SURCHARGED
5760 minute winter	SWMH02	3720	16.594	0.194	3.7	0.3434	0.0000	OK
5760 minute winter	SWMH01	3720	16.594	0.044	1.7	0.0784	0.0000	OK
5760 minute winter	SWMH17	3660	16.437	0.271	2.1	0.3071	0.0000	OK
5760 minute winter	SWMH14	3660	16.438	0.159	1.6	0.2274	0.0000	OK
5760 minute winter	Clean Tank 3	3660	16.437	0.677	5.9	99.7600	0.0000	SURCHARGED
5760 minute winter	SWMH20	3000	15.833	0.063	3.0	0.0714	0.0000	OK
5760 minute winter	Grasscrete1	60	17.350	0.000	0.0	0.0000	0.0000	OK
5760 minute winter	PP4	2280	16.528	0.008	0.1	0.0000	0.0000	OK
5760 minute winter	PP5a	2400	17.003	0.003	0.1	0.0000	0.0000	OK
5760 minute winter	SWMH15	3660	16.438	0.446	1.1	0.5041	0.0000	SURCHARGED
5760 minute winter	SWMH22	2880	17.056	0.021	3.0	0.0306	0.0000	OK
5760 minute winter	SWMH10	3180	15.807	0.215	7.1	0.3798	0.0000	OK
5760 minute winter	SWMH06	3720	16.594	0.634	3.4	1.1207	0.0000	SURCHARGED
5760 minute winter	SWMH08	3660	16.437	0.684	4.4	1.2095	0.0000	SURCHARGED
5760 minute winter	SWMH03	3720	16.594	0.344	10.9	0.6085	0.0000	OK
5760 minute winter	Access Road Tank	3060	15.448	0.148	7.3	4.2233	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
5760 minute winter	PP2b	4.001	Clean Tank 2	0.3	0.354	0.001	0.1219	
5760 minute winter	PP3a	3.001	SWMH13	0.6	0.227	0.014	0.5506	
5760 minute winter	SWMH04	1.003	Clean Tank 1	21.3	0.877	0.020	0.2029	
5760 minute winter	Roof 3	3.000	SWMH16	0.6	1.188	0.008	0.0507	
5760 minute winter	Clean Tank 2	1.007_1	SWMH06	3.4	0.155	0.046	0.1549	
5760 minute winter	SWMH02	1.001	SWMH03	4.1	0.500	0.015	5.3448	
5760 minute winter	SWMH01	1.000	SWMH02	1.7	0.272	0.006	1.7640	
5760 minute winter	SWMH17	5.000	Clean Tank 3	3.0	0.988	0.005	0.0687	
5760 minute winter	SWMH14	4.000	SWMH15	1.1	0.428	0.011	2.0306	
5760 minute winter	Clean Tank 3	1.008	SWMH08	4.1	0.091	0.057	0.1197	
5760 minute winter	SWMH20	12.002	SWMH09	3.0	0.239	0.039	0.6973	
5760 minute winter	Grasscrete1	4.000_1	SWMH16	0.0	0.000	0.000	0.0000	
5760 minute winter	PP4	3.002	SWMH14	0.1	0.265	0.006	0.0036	
5760 minute winter	PP5a	6.000	SWMH08	0.1	0.003	0.000	0.1022	
5760 minute winter	SWMH15	8.003	SWMH08	1.1	0.176	0.007	0.9366	
5760 minute winter	SWMH22	7.000	Road Tank 1	3.0	1.373	0.010	0.0218	
5760 minute winter	SWMH10	1.013	Access Road Tank	6.8	0.428	0.070	0.8244	
5760 minute winter	SWMH06	1.007	SWMH07	3.4	0.374	0.051	2.4647	
5760 minute winter	SWMH08	1.009	SWMH09	9.0	0.375	0.057	0.1538	
5760 minute winter	SWMH03	1.002	SWMH04	12.6	0.784	0.025	1.6388	
5760 minute winter	Access Road Tank	1.012	SWMH11	7.3	0.319	0.082	0.1327	

Results for 100 year +40% CC 5760 minute winter. 6000 minute analysis at 60 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
5760 minute winter	SWMH05	3780	16.594	0.592	21.9	1.0466	0.0000	SURCHARGED
5760 minute winter	SWMH11	3060	15.448	0.188	7.3	0.3321	0.0000	OK
5760 minute winter	SWMH16	3720	16.594	0.367	1.0	0.5257	0.0000	SURCHARGED
5760 minute winter	Roof 4	2940	17.010	0.010	0.6	0.0114	0.0000	OK
5760 minute winter	RoofX	3660	16.438	0.038	0.3	0.0429	0.0000	OK
5760 minute winter	Road Tank 1	3000	15.835	0.051	3.0	4.5850	0.0000	OK
5760 minute winter	Access Road	2820	15.512	0.012	0.5	0.0135	0.0000	OK
5760 minute winter	Clean Tank 1	3780	16.594	0.494	21.3	84.5281	0.0000	OK
5760 minute winter	SWMH09	3180	15.811	0.178	12.0	0.2009	0.0000	OK
5760 minute winter	SWMH13	3660	16.437	0.100	0.9	0.1431	0.0000	OK
5760 minute winter	PP2a	2100	17.314	0.004	0.1	0.0618	0.0000	OK
5760 minute winter	SWMH07	3660	16.438	0.608	3.4	0.6872	0.0000	SURCHARGED
5760 minute winter	PP5b	3660	16.437	0.237	0.3	0.0000	0.0000	OK
5760 minute winter	Road Tank 2	3180	15.807	0.188	11.1	21.3891	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
5760 minute winter	SWMH05	1.005	Clean Tank 2	19.2	0.339	0.070	2.1603	
5760 minute winter	SWMH11	1.015	Outfall	7.3	0.783	0.073	0.0463	1472.4
5760 minute winter	SWMH16	3.001_1	Clean Tank 2	3.6	0.592	0.067	0.0440	
5760 minute winter	Roof 4	2.000	SWMH03	0.6	0.878	0.002	0.0876	
5760 minute winter	RoofX	9.000	SWMH13	0.3	0.208	0.004	0.1242	
5760 minute winter	Road Tank 1	12.001	SWMH20	3.0	0.325	0.043	0.0324	
5760 minute winter	Access Road	13.000	Access Road Tank	0.5	0.283	0.003	0.1440	
5760 minute winter	Clean Tank 1	1.004	SWMH05	21.9	0.541	0.033	1.1101	
5760 minute winter	SWMH09	1.011	Road Tank 2	11.1	0.352	0.173	0.1726	
5760 minute winter	SWMH13	8.001	SWMH14	1.4	0.404	0.015	0.2163	
5760 minute winter	PP2a	5.000_1	SWMH16	0.1	1.172	0.002	0.0079	
5760 minute winter	SWMH07	1.008_1	Clean Tank 3	3.4	0.364	0.049	0.7183	
5760 minute winter	PP5b	7.000_1	SWMH17	0.3	0.323	0.004	0.4560	
5760 minute winter	Road Tank 2	1.012_1	SWMH10	7.1	0.106	0.025	0.6094	