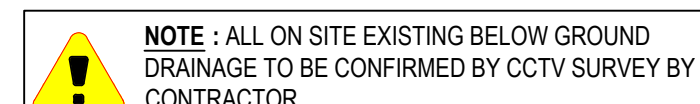


1. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES, ARCHITECTURAL, SERVICES AND ENGINEERING DRAWINGS.
2. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE. TBC ON SITE
4. ALL LEVELS ARE IN METRES RELATED TO ORDNANCE DATUM. TBC ON SITE
5. DRAWINGS ARE NOT TO BE SCALED.
6. ALL TEMPORARY WORKS TO CONTRACTORS DETAILS.
7. CONTRACTOR TO APPROVE ALL SET OUT INFORMATION PRIOR TO CONSTRUCTION.

 SITE BOUNDARY
 EXISTING THAMES FOUL WATER SEWER
 EXISTING THAMES FOUL WATER SEWER TO BE ABANDONED
 EXISTING THAMES SURFACE WATER SEWER
 EXISTING THAMES SURFACE WATER SEWER ABANDONED
 EXISTING PRIVATE FOUL WATER PIPE
 EXISTING PRIVATE SURFACE WATER SEWER
 NEW SURFACE WATER SEWER



 **NOTE: ALL EXISTING THAMES WATER ASSETS ARE SHOWN APPROXIMATELY AND NEED TO BE CONFIRMED ON SITE BY CONTRACTOR**

P01	05.03.26	issued for information	DO	

Tangmere

TITLE:

SEWER ABANDONMENT

CLIENT:

Formation D&B Ltd

MWP
ENGINEERING AND ENVIRONMENTAL CONSULTANTS
CORIE | TRALEE | LONDON | LIMERICK

DRAWN: VH	CHECKED: SZ	APPROVED: RS
PROJECT NUMBER: 26015	DATE: 02/02/26	SCALE @ A: As indicated
STATUS DESCRIPTION: FOR INFORMATION		STATUS: S2
DRAWING NUMBER: TAN-MWP-XX-00-DR-CV-2300		REV: P01

SCALE1 : 150

Appendix E

MWP – Existing Runoff Rates Calculations

Tangmere Main Block

Project No.	26015
Date	Mar-26
Design By	DO
Checked By	RS
Calc Pg No.	1

Surface Water Run-off Calculation:

SW run-off from pre-developed site:

Impermeable area =	5094	m ²
Permeable area =	0	m ²
Proposed Discharge from Site =	2.5	l/s

Formula for calculating run-off from impermeable areas:

$$Q = 2.78 C i A$$

C = Run-off Coefficient =	0.9
i = rainfall intensity (50mm/hr)	50 mm/h for an average 1 in 2 year storm event
A = impermeable area	0.5094 hectares

Hydrological Growth Curve Factors:

1 year factor =	0.85
30 year factor =	2.3
100 year factor =	3.19

Run-off from impermeable Surfaces:

Surface	Area (ha) (ha)	Coefficient © ©	Storm Event (1 in x yr)	Growth Curve Factor	Surface Water Run-off Discharge Rate (l/s)
Hard Standing	0.5094	0.9	1	0.85	54.17
	0.5094	0.9	30	2.3	146.57
	0.5094	0.9	100	3.19	203.29
	0.5094	0.9	100 + 40% CC	3.19	284.60

Summary of Existing Run-off:

Storm Event (1 in x yr)	Discharge from permeable area of site (l/s)	Discharge from impermeable area of site (l/s)	Total Discharge from Site (l/s)
1	0	54.17	54.17
30	0	146.57	146.57
100	0	203.29	203.29
100+40%CC	0	284.60	284.60

Existing vs Proposed Runoff rates:

Storm Event (1 in x yr)	Existing Discharge from Site (l/s)	Proposed Discharge from Site (l/s)	Reduction (l/s)
1	54.17	2.50	95%
30	146.57	2.50	98%
100	203.29	2.50	99%
100+40%CC	284.60	2.50	99%

Appendix F

MWP – Greenfield Runoff Rate

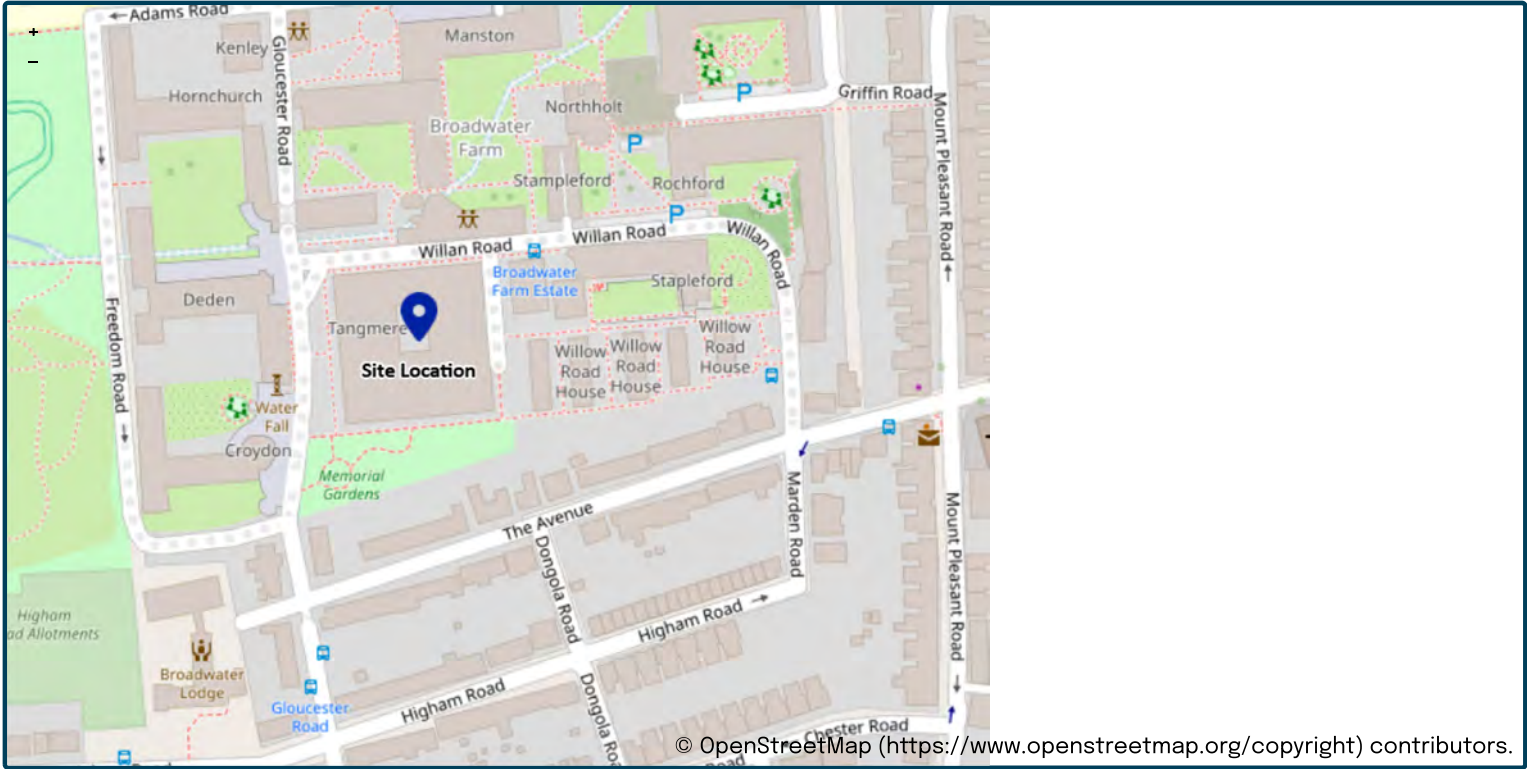
This is an estimation of the greenfield runoff rates that are used to meet normal best practice criteria in line with Environment Agency guidance “Rainfall runoff management for developments”, SC030219 (2013), the SuDS Manual C753 (CIRIA, 2015) and the non-statutory standards for SuDS (Defra, 2015). This information on greenfield runoff rates may be the basis for setting consents for the drainage of surface water runoff from sites.

Project details

Date	03/03/2026
Calculated by	David Omonitan
Reference	Tangmere
Model version	2.2.3

Location

Site name	Tangmere
Site location	Harringey



Site easting (British National Grid)	532952
Site northing (British National Grid)	190087

Site details

Total site area (ha)	0.5094	ha
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Greenfield runoff

Method

Method	IH124
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IH124

	<u>My value</u>		<u>Map value</u>
SAAR (mm)	631	mm	631
How should SPR be derived?	WRAP soil type		
WRAP soil type	2		2
SPR	0.3		
QBar (IH124) (l/s)	0.8	l/s	

Growth curve factors

	<u>My value</u>		<u>Map value</u>
Hydrological region	6		6
1 year growth factor	0.85		
2 year growth factor	0.88		
10 year growth factor	1.62		
30 year growth factor	2.3		
100 year growth factor	3.19		
200 year growth factor	3.74		

Results

Method	IH124	
Flow rate 1 year (l/s)	0.7	l/s
Flow rate 2 year (l/s)	0.7	l/s
Flow rate 10 years (l/s)	1.3	l/s
Flow rate 30 years (l/s)	1.9	l/s
Flow rate 100 years (l/s)	2.6	l/s
Flow rate 200 years (l/s)	3.1	l/s

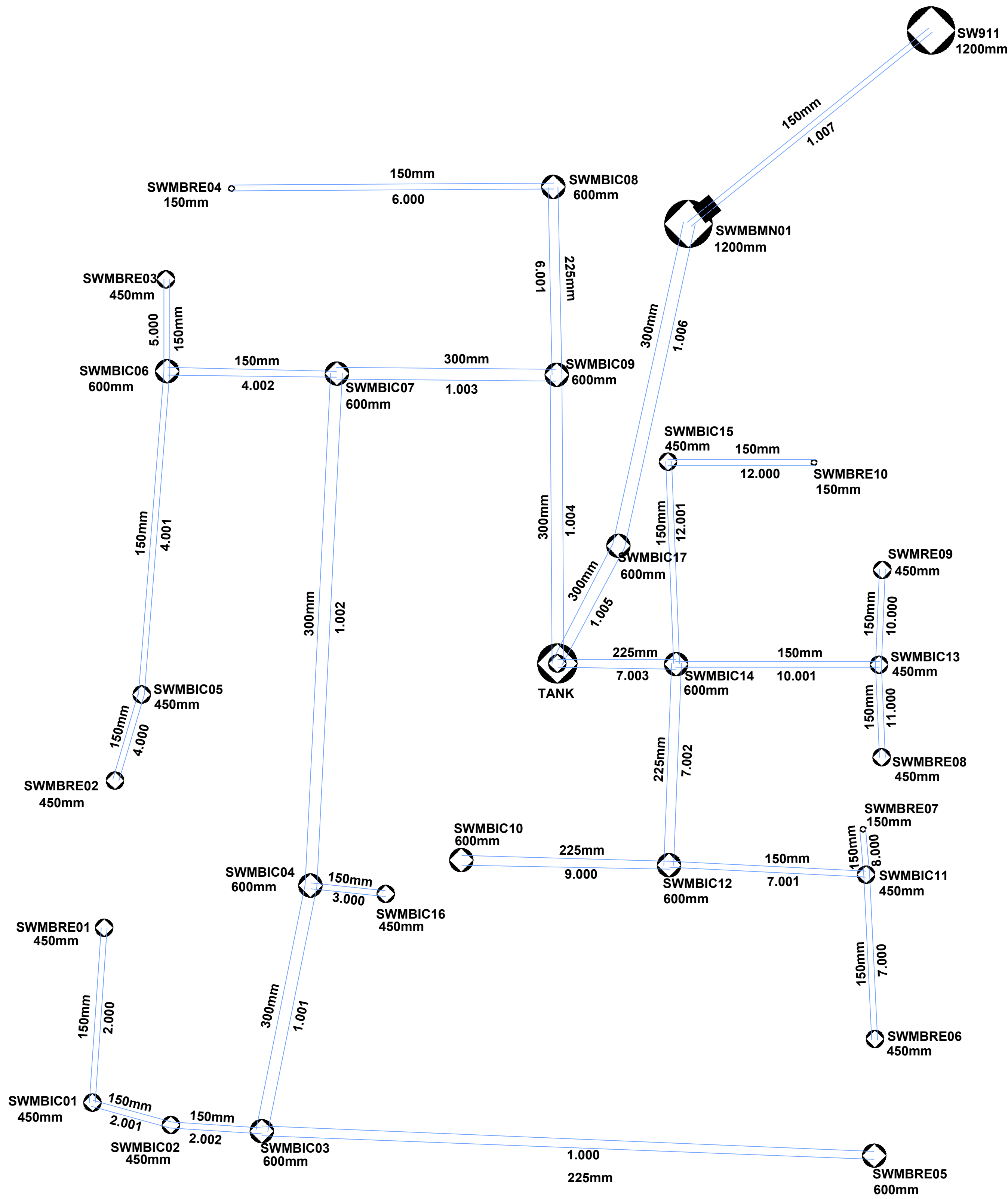
Please note runoff estimation is subject to significant uncertainty. Results are therefore normally reported to only 1 decimal place. Where 2 decimal places are provided, this does not indicate accuracy to this level, it has been adopted to prevent 'zero' figures from being reported. Outputs less than 0.01 l/s are reported as 0.01 l/s.

Disclaimer

This report was produced using the Greenfield runoff rate estimation tool (2.2.3) developed by HR Wallingford and available at [uksuds.com](https://www.uksuds.com) (<https://www.uksuds.com/>). The use of this tool is subject to the UK SuDS terms and conditions and licence agreement, which can both be found at [uksuds.com/terms-conditions](https://www.uksuds.com/terms-conditions) (<https://www.uksuds.com/terms-conditions>). The outputs from this tool have been used to estimate Greenfield runoff rates. The use of these results is the responsibility of the users of this tool. No liability will be accepted by HR Wallingford, the Environment Agency, Centre for Ecology and Hydrology, Wallingford Hydrosolutions or any other organisation for the use of these data in the design or operational characteristics of any drainage scheme.

Appendix G

MWP – Causeway Flow Simulation Report



Design Settings

Rainfall Methodology	FEH-22	Minimum Velocity (m/s)	1.00
Return Period (years)	100	Connection Type	Level Soffits
Additional Flow (%)	0	Minimum Backdrop Height (m)	0.200
CV	0.750	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		

Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
SWMBRE04		5.00	16.150	150	22.237	64.784	0.800	15.350
SWMBIC08	0.028	5.00	16.150	600	30.297	64.824	1.120	15.030
SWMBIC09	0.031	5.00	16.140	600	30.382	60.100	1.410	14.730
SWMBRE03		5.00	16.150	450	20.596	62.501	0.600	15.550
SWMBIC06	0.015	5.00	16.000	600	20.627	60.190	0.820	15.180
SWMBIC07	0.031	5.00	16.130	600	24.878	60.131	1.265	14.865
SWMBRE02	0.005	5.00	16.100	450	19.321	49.898	0.550	15.550
SWMBIC05	0.010	5.00	16.150	450	19.990	52.061	0.675	15.475
SWMBRE01	0.004	5.00	16.250	450	19.050	46.198	0.550	15.700
SWMBIC01	0.004	5.00	16.300	450	18.756	41.803	0.650	15.650
SWMBIC02			16.280	450	20.720	41.239	0.680	15.600
SWMBIC03	0.055	5.00	16.300	600	22.996	41.084	0.940	15.360
SWMBRE05	0.020	5.00	16.480	600	38.332	40.469	0.725	15.755
SWMBIC04	0.035	5.00	16.345	600	24.214	47.259	1.075	15.270
SWMBIC10	0.030	5.00	16.165	600	27.993	47.899	0.800	15.365
SWMBIC12			16.290	600	33.195	47.772	1.150	15.140
SWMBRE06		5.00	16.500	450	38.352	43.402	0.950	15.550
SWMBIC11	0.014	5.00	16.275	450	38.129	47.533	0.885	15.390
SWMBIC14	0.050	5.00	16.150	600	33.374	52.826	1.195	14.955
SWMBIC13	0.014	5.00	16.200	450	38.453	52.811	0.665	15.535
SWMBRE08		5.00	16.200	450	38.518	50.485	0.600	15.600
SWMBRE09		5.00	16.200	450	38.535	55.196	0.600	15.600
SWMBRE10	0.006	5.00	16.085	150	36.826	57.895	0.790	15.295
SWMBIC15			16.085	450	33.169	57.916	0.900	15.185
TANK			16.070	450	30.397	52.841	1.370	14.700
SWMBMN01	0.040	5.00	16.100	1200	33.680	63.895	1.530	14.570
SW911			15.925	1200	39.757	68.757	2.306	13.619
SWMBRE07		5.00	16.200	150	38.053	48.675	0.600	15.600
SWMBIC16		5.00	16.180	450	26.100	47.048	0.695	15.485
SWMBIC17			16.085	600	31.927	55.800	1.405	14.680

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)
6.000	SWMBRE04	SWMBIC08	36.765	0.600	15.350	15.105	0.245	150.1	150	5.75	50.0
6.001	SWMBIC08	SWMBIC09	17.969	0.600	15.030	14.805	0.225	79.9	225	5.95	50.0
5.000	SWMBRE03	SWMBIC06	7.603	0.600	15.550	15.180	0.370	20.5	150	5.06	50.0
4.002	SWMBIC06	SWMBIC07	18.101	0.600	15.180	15.015	0.165	109.7	150	5.99	50.0
1.003	SWMBIC07	SWMBIC09	21.162	0.600	14.865	14.730	0.135	156.8	300	6.77	50.0
4.000	SWMBRE02	SWMBIC05	7.738	0.600	15.550	15.475	0.075	103.2	150	5.13	50.0
4.001	SWMBIC05	SWMBIC06	31.854	0.600	15.475	15.180	0.295	108.0	150	5.68	50.0
2.000	SWMBRE01	SWMBIC01	6.045	0.600	15.700	15.650	0.050	120.9	150	5.11	50.0
2.001	SWMBIC01	SWMBIC02	6.522	0.600	15.650	15.600	0.050	130.4	150	5.23	50.0
2.002	SWMBIC02	SWMBIC03	11.368	0.600	15.600	15.510	0.090	126.3	150	5.45	50.0
1.000	SWMBRE05	SWMBIC03	48.275	0.600	15.755	15.435	0.320	150.9	225	5.76	50.0
1.001	SWMBIC03	SWMBIC04	20.297	0.600	15.360	15.270	0.090	225.5	300	6.08	50.0
1.002	SWMBIC04	SWMBIC07	38.877	0.600	15.270	14.865	0.405	96.0	300	6.49	50.0
9.000	SWMBIC10	SWMBIC12	17.913	0.600	15.365	15.140	0.225	79.6	225	5.20	50.0
7.000	SWMBRE06	SWMBIC11	15.091	0.600	15.550	15.390	0.160	94.3	150	5.24	50.0
7.001	SWMBIC11	SWMBIC12	13.203	0.600	15.390	15.215	0.175	75.4	150	5.43	50.0
7.002	SWMBIC12	SWMBIC14	25.340	0.600	15.140	14.955	0.185	137.0	225	5.81	50.0
10.001	SWMBIC13	SWMBIC14	13.222	0.600	15.535	15.030	0.505	26.2	150	5.24	50.0
11.000	SWMBRE08	SWMBIC13	3.566	0.600	15.600	15.535	0.065	54.9	150	5.04	50.0
10.000	SWMRE09	SWMBIC13	7.365	0.600	15.600	15.535	0.065	113.3	150	5.13	50.0
12.000	SWMBRE10	SWMBIC15	4.430	0.600	15.295	15.185	0.110	40.3	150	5.05	50.0
12.001	SWMBIC15	SWMBIC14	15.049	0.600	15.185	15.030	0.155	97.1	150	5.29	50.0
7.003	SWMBIC14	TANK	6.750	0.600	14.955	14.910	0.045	150.0	225	5.92	50.0
1.004	SWMBIC09	TANK	7.500	0.600	14.730	14.700	0.030	250.0	300	6.89	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)
6.000	0.818	14.5	0.0	0.650	0.895	0.000	0.0	0	0.000
6.001	1.464	58.2	3.8	0.895	1.110	0.028	0.0	39	0.837
5.000	2.231	39.4	0.0	0.450	0.670	0.000	0.0	0	0.000
4.002	0.959	16.9	4.1	0.670	0.965	0.030	0.0	50	0.790
1.003	1.253	88.6	24.3	0.965	1.110	0.179	0.0	107	1.073
4.000	0.989	17.5	0.7	0.400	0.525	0.005	0.0	20	0.476
4.001	0.966	17.1	2.0	0.525	0.670	0.015	0.0	35	0.650
2.000	0.913	16.1	0.5	0.400	0.500	0.004	0.0	19	0.422
2.001	0.878	15.5	1.1	0.500	0.530	0.008	0.0	27	0.503
2.002	0.893	15.8	1.1	0.530	0.640	0.008	0.0	27	0.511
1.000	1.062	42.2	2.7	0.500	0.640	0.020	0.0	38	0.597
1.001	1.043	73.7	11.2	0.640	0.775	0.083	0.0	79	0.759
1.002	1.605	113.4	16.0	0.775	0.965	0.118	0.0	76	1.146
9.000	1.467	58.3	4.1	0.575	0.925	0.030	0.0	40	0.849
7.000	1.035	18.3	0.0	0.800	0.735	0.000	0.0	0	0.000
7.001	1.158	20.5	1.9	0.735	0.925	0.014	0.0	31	0.725
7.002	1.115	44.3	6.0	0.925	0.970	0.044	0.0	56	0.784
10.001	1.975	34.9	1.9	0.515	0.970	0.014	0.0	24	1.058
11.000	1.361	24.0	0.0	0.450	0.515	0.000	0.0	0	0.000
10.000	0.943	16.7	0.0	0.450	0.515	0.000	0.0	0	0.000
12.000	1.590	28.1	0.8	0.640	0.750	0.006	0.0	17	0.695
12.001	1.020	18.0	0.8	0.750	0.970	0.006	0.0	22	0.518
7.003	1.065	42.3	15.4	0.970	0.935	0.114	0.0	94	0.982
1.004	0.990	70.0	32.3	1.110	1.070	0.238	0.0	143	0.971

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)
1.007	SWMBMN01	SW911	11.479	0.600	14.570	13.619	0.951	12.1	150	7.31	50.0
8.000	SWMBRE07	SWMBIC11	12.500	0.600	15.600	15.390	0.210	59.5	150	5.16	50.0
3.000	SWMBIC16	SWMBIC04	6.522	0.600	15.485	15.420	0.065	100.3	150	5.11	50.0
1.005	TANK	SWMBIC17	2.447	0.600	14.700	14.680	0.020	122.4	300	6.92	50.0
1.006	SWMBIC17	SWMBMN01	21.632	0.600	14.680	14.570	0.110	196.7	300	7.25	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)
1.007	2.915	51.5	53.1	1.380	2.156	0.392	0.0	128	3.302
8.000	1.306	23.1	0.0	0.450	0.735	0.000	0.0	0	0.000
3.000	1.003	17.7	0.0	0.545	0.775	0.000	0.0	0	0.000
1.005	1.420	100.4	47.7	1.070	1.105	0.352	0.0	146	1.403
1.006	1.117	79.0	47.7	1.105	1.230	0.352	0.0	168	1.168

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)
6.000	36.765	150.1	150	Circular	16.150	15.350	0.650	16.150	15.105	0.895
6.001	17.969	79.9	225	Circular	16.150	15.030	0.895	16.140	14.805	1.110
5.000	7.603	20.5	150	Circular	16.150	15.550	0.450	16.000	15.180	0.670
4.002	18.101	109.7	150	Circular	16.000	15.180	0.670	16.130	15.015	0.965
1.003	21.162	156.8	300	Circular	16.130	14.865	0.965	16.140	14.730	1.110
4.000	7.738	103.2	150	Circular	16.100	15.550	0.400	16.150	15.475	0.525
4.001	31.854	108.0	150	Circular	16.150	15.475	0.525	16.000	15.180	0.670
2.000	6.045	120.9	150	Circular	16.250	15.700	0.400	16.300	15.650	0.500
2.001	6.522	130.4	150	Circular	16.300	15.650	0.500	16.280	15.600	0.530
2.002	11.368	126.3	150	Circular	16.280	15.600	0.530	16.300	15.510	0.640
1.000	48.275	150.9	225	Circular	16.480	15.755	0.500	16.300	15.435	0.640
1.001	20.297	225.5	300	Circular	16.300	15.360	0.640	16.345	15.270	0.775
1.002	38.877	96.0	300	Circular	16.345	15.270	0.775	16.130	14.865	0.965
9.000	17.913	79.6	225	Circular	16.165	15.365	0.575	16.290	15.140	0.925

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
6.000	SWMBRE04	150	Manhole	Adoptable	SWMBIC08	600	Manhole	Adoptable
6.001	SWMBIC08	600	Manhole	Adoptable	SWMBIC09	600	Manhole	Adoptable
5.000	SWMBRE03	450	Manhole	Adoptable	SWMBIC06	600	Manhole	Adoptable
4.002	SWMBIC06	600	Manhole	Adoptable	SWMBIC07	600	Manhole	Adoptable
1.003	SWMBIC07	600	Manhole	Adoptable	SWMBIC09	600	Manhole	Adoptable
4.000	SWMBRE02	450	Manhole	Adoptable	SWMBIC05	450	Manhole	Adoptable
4.001	SWMBIC05	450	Manhole	Adoptable	SWMBIC06	600	Manhole	Adoptable
2.000	SWMBRE01	450	Manhole	Adoptable	SWMBIC01	450	Manhole	Adoptable
2.001	SWMBIC01	450	Manhole	Adoptable	SWMBIC02	450	Manhole	Adoptable
2.002	SWMBIC02	450	Manhole	Adoptable	SWMBIC03	600	Manhole	Adoptable
1.000	SWMBRE05	600	Manhole	Adoptable	SWMBIC03	600	Manhole	Adoptable
1.001	SWMBIC03	600	Manhole	Adoptable	SWMBIC04	600	Manhole	Adoptable
1.002	SWMBIC04	600	Manhole	Adoptable	SWMBIC07	600	Manhole	Adoptable
9.000	SWMBIC10	600	Manhole	Adoptable	SWMBIC12	600	Manhole	Adoptable

Pipeline Schedule

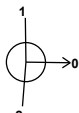
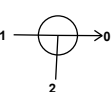
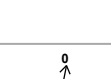
Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
7.000	15.091	94.3	150	Circular	16.500	15.550	0.800	16.275	15.390	0.735
7.001	13.203	75.4	150	Circular	16.275	15.390	0.735	16.290	15.215	0.925
7.002	25.340	137.0	225	Circular	16.290	15.140	0.925	16.150	14.955	0.970
10.001	13.222	26.2	150	Circular	16.200	15.535	0.515	16.150	15.030	0.970
11.000	3.566	54.9	150	Circular	16.200	15.600	0.450	16.200	15.535	0.515
10.000	7.365	113.3	150	Circular	16.200	15.600	0.450	16.200	15.535	0.515
12.000	4.430	40.3	150	Circular	16.085	15.295	0.640	16.085	15.185	0.750
12.001	15.049	97.1	150	Circular	16.085	15.185	0.750	16.150	15.030	0.970
7.003	6.750	150.0	225	Circular	16.150	14.955	0.970	16.070	14.910	0.935
1.004	7.500	250.0	300	Circular	16.140	14.730	1.110	16.070	14.700	1.070
1.007	11.479	12.1	150	Circular	16.100	14.570	1.380	15.925	13.619	2.156
8.000	12.500	59.5	150	Circular	16.200	15.600	0.450	16.275	15.390	0.735
3.000	6.522	100.3	150	Circular	16.180	15.485	0.545	16.345	15.420	0.775
1.005	2.447	122.4	300	Circular	16.070	14.700	1.070	16.085	14.680	1.105
1.006	21.632	196.7	300	Circular	16.085	14.680	1.105	16.100	14.570	1.230

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
7.000	SWMBRE06	450	Manhole	Adoptable	SWMBIC11	450	Manhole	Adoptable
7.001	SWMBIC11	450	Manhole	Adoptable	SWMBIC12	600	Manhole	Adoptable
7.002	SWMBIC12	600	Manhole	Adoptable	SWMBIC14	600	Manhole	Adoptable
10.001	SWMBIC13	450	Manhole	Adoptable	SWMBIC14	600	Manhole	Adoptable
11.000	SWMBRE08	450	Manhole	Adoptable	SWMBIC13	450	Manhole	Adoptable
10.000	SWMBRE09	450	Manhole	Adoptable	SWMBIC13	450	Manhole	Adoptable
12.000	SWMBRE10	150	Manhole	Adoptable	SWMBIC15	450	Manhole	Adoptable
12.001	SWMBIC15	450	Manhole	Adoptable	SWMBIC14	600	Manhole	Adoptable
7.003	SWMBIC14	600	Manhole	Adoptable	TANK	450	Manhole	Adoptable
1.004	SWMBIC09	600	Manhole	Adoptable	TANK	450	Manhole	Adoptable
1.007	SWMBMN01	1200	Manhole	Adoptable	SW911	1200	Manhole	Adoptable
8.000	SWMBRE07	150	Manhole	Adoptable	SWMBIC11	450	Manhole	Adoptable
3.000	SWMBIC16	450	Manhole	Adoptable	SWMBIC04	600	Manhole	Adoptable
1.005	TANK	450	Manhole	Adoptable	SWMBIC17	600	Manhole	Adoptable
1.006	SWMBIC17	600	Manhole	Adoptable	SWMBMN01	1200	Manhole	Adoptable

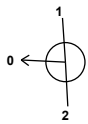
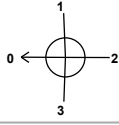
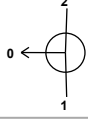
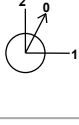
Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
SWMBRE04	22.237	64.784	16.150	0.800	150					
						0	6.000	15.350	150	
SWMBIC08	30.297	64.824	16.150	1.120	600		1	6.000	15.105	150
						0	6.001	15.030	225	
SWMBIC09	30.382	60.100	16.140	1.410	600		1	6.001	14.805	225
						2	1.003	14.730	300	
						0	1.004	14.730	300	

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
SWMBRE03	20.596	62.501	16.150	0.600	450		0	5.000	15.550	150
SWMBIC06	20.627	60.190	16.000	0.820	600		1 2	5.000 4.001	15.180 15.180	150 150
SWMBIC07	24.878	60.131	16.130	1.265	600		1 2	4.002 1.002	15.015 14.865	150 300
SWMBRE02	19.321	49.898	16.100	0.550	450		0	1.003	14.865	300
SWMBIC05	19.990	52.061	16.150	0.675	450		0	4.000	15.550	150
SWMBRE01	19.050	46.198	16.250	0.550	450		1	4.000	15.475	150
SWMBIC01	18.756	41.803	16.300	0.650	450		0	4.001	15.475	150
SWMBIC02	20.720	41.239	16.280	0.680	450		0	2.000	15.700	150
SWMBIC03	22.996	41.084	16.300	0.940	600		1 0	2.000 2.001	15.650 15.650	150 150
SWMBIC02	20.720	41.239	16.280	0.680	450		1 0	2.001 2.002	15.600 15.600	150 150
SWMBIC03	22.996	41.084	16.300	0.940	600		1 2	2.002 1.000	15.510 15.435	150 225
SWMBRE05	38.332	40.469	16.480	0.725	600		0	1.001	15.360	300
SWMBIC04	24.214	47.259	16.345	1.075	600		0	1.000	15.755	225
SWMBIC04	24.214	47.259	16.345	1.075	600		1 2	3.000 1.001	15.420 15.270	150 300
SWMBIC10	27.993	47.899	16.165	0.800	600		0	1.002	15.270	300
SWMBIC12	33.195	47.772	16.290	1.150	600		0	9.000	15.365	225
SWMBIC12	33.195	47.772	16.290	1.150	600		1 2	9.000 7.001	15.140 15.215	225 150
							0	7.002	15.140	225

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
SWMBRE06	38.352	43.402	16.500	0.950	450				
						0	7.000	15.550	150
SWMBIC11	38.129	47.533	16.275	0.885	450		1 2	8.000 7.000	15.390 15.390
						0	7.001	15.390	150
SWMBIC14	33.374	52.826	16.150	1.195	600		1 2 3	12.001 10.001 7.002	15.030 15.030 14.955
						0	7.003	14.955	225
SWMBIC13	38.453	52.811	16.200	0.665	450		1 2	11.000 10.000	15.535 15.535
						0	10.001	15.535	150
SWMBRE08	38.518	50.485	16.200	0.600	450				
						0	11.000	15.600	150
SWMRE09	38.535	55.196	16.200	0.600	450				
						0	10.000	15.600	150
SWMBRE10	36.826	57.895	16.085	0.790	150				
						0	12.000	15.295	150
SWMBIC15	33.169	57.916	16.085	0.900	450		1	12.000	15.185
						0	12.001	15.185	150
TANK	30.397	52.841	16.070	1.370	450		1 2	7.003 1.004	14.910 14.700
						0	1.005	14.700	300
SWMBMN01	33.680	63.895	16.100	1.530	1200		1	1.006	14.570
						0	1.007	14.570	150
SW911	39.757	68.757	15.925	2.306	1200		1	1.007	13.619
SWMBRE07	38.053	48.675	16.200	0.600	150		0	8.000	15.600
SWMBIC16	26.100	47.048	16.180	0.695	450		0	3.000	15.485
								150	

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
SWMBIC17	31.927	55.800	16.085	1.405	600	0	1.005	14.680	300
						1	1.006	14.680	300



Simulation Settings

Rainfall Methodology	FEH-22	Skip Steady State	x	Check Discharge Rate(s)	x
Rainfall Events	Singular	Drain Down Time (mins)	240	Check Discharge Volume	x
Summer CV	0.750	Additional Storage (m³/ha)	20.0		
Analysis Speed	Normal	Starting Level (m)			

Storm Durations

15 | 30 | 60 | 120 | 180

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

Node SWMBMN01 Online Hydro-Brake® Control

Flap Valve	x	Objective	(HE) Minimise upstream storage
Replaces Downstream Link	x	Sump Available	✓
Invert Level (m)	14.570	Product Number	CTL-SHE-0077-2500-0914-2500
Design Depth (m)	0.914	Min Outlet Diameter (m)	0.100
Design Flow (l/s)	2.5	Min Node Diameter (mm)	1200

Node TANK Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	14.700
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.97	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	267.4	267.4	0.914	267.4	320.4	0.915	0.0	320.4

Results for 1 year Critical Storm Duration. Lowest mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	SWMBRE04	1	15.350	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC08	10	15.059	0.029	2.1	0.0227	0.0000	OK
15 minute summer	SWMBIC09	9	14.908	0.178	16.9	0.1287	0.0000	OK
15 minute summer	SWMBRE03	1	15.550	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC06	11	15.217	0.037	2.2	0.0241	0.0000	OK
15 minute summer	SWMBIC07	11	14.941	0.076	12.9	0.0588	0.0000	OK
15 minute summer	SWMBRE02	11	15.566	0.016	0.4	0.0054	0.0000	OK
15 minute summer	SWMBIC05	11	15.501	0.026	1.2	0.0119	0.0000	OK
15 minute summer	SWMBRE01	11	15.714	0.014	0.3	0.0043	0.0000	OK
15 minute summer	SWMBIC01	11	15.671	0.021	0.6	0.0058	0.0000	OK
15 minute summer	SWMBIC02	11	15.620	0.020	0.6	0.0032	0.0000	OK
15 minute summer	SWMBIC03	11	15.419	0.059	5.9	0.0855	0.0000	OK
15 minute summer	SWMBRE05	11	15.783	0.028	1.5	0.0230	0.0000	OK
15 minute summer	SWMBIC04	11	15.325	0.055	8.5	0.0515	0.0000	OK
15 minute summer	SWMBIC10	10	15.395	0.030	2.3	0.0312	0.0000	OK
15 minute summer	SWMBIC12	11	15.181	0.041	3.3	0.0117	0.0000	OK
15 minute summer	SWMBRE06	1	15.550	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC11	11	15.413	0.023	1.1	0.0111	0.0000	OK
15 minute summer	SWMBIC14	11	15.028	0.073	8.4	0.0819	0.0000	OK
15 minute summer	SWMBIC13	10	15.553	0.018	1.1	0.0106	0.0000	OK
15 minute summer	SWMBRE08	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBRE09	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBRE10	10	15.309	0.014	0.5	0.0023	0.0000	OK
15 minute summer	SWMBIC15	11	15.202	0.017	0.5	0.0026	0.0000	OK
180 minute summer	TANK	132	14.791	0.091	12.1	23.7182	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
15 minute summer	SWMBIC08	6.001	SWMBIC09	2.1	0.600	0.036	0.1848	
15 minute summer	SWMBIC09	1.004	TANK	20.2	1.513	0.288	0.1646	
15 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0129	
15 minute summer	SWMBIC06	4.002	SWMBIC07	2.2	0.655	0.129	0.0603	
15 minute summer	SWMBIC07	1.003	SWMBIC09	12.7	0.687	0.143	0.5738	
15 minute summer	SWMBRE02	4.000	SWMBIC05	0.4	0.271	0.023	0.0117	
15 minute summer	SWMBIC05	4.001	SWMBIC06	1.1	0.432	0.067	0.0866	
15 minute summer	SWMBRE01	2.000	SWMBIC01	0.3	0.264	0.019	0.0069	
15 minute summer	SWMBIC01	2.001	SWMBIC02	0.6	0.426	0.039	0.0093	
15 minute summer	SWMBIC02	2.002	SWMBIC03	0.6	0.427	0.038	0.0159	
15 minute summer	SWMBIC03	1.001	SWMBIC04	6.0	0.644	0.081	0.1887	
15 minute summer	SWMBRE05	1.000	SWMBIC03	1.3	0.487	0.032	0.1334	
15 minute summer	SWMBIC04	1.002	SWMBIC07	8.5	0.748	0.075	0.4448	
15 minute summer	SWMBIC10	9.000	SWMBIC12	2.3	0.579	0.039	0.0725	
15 minute summer	SWMBIC12	7.002	SWMBIC14	3.3	0.415	0.074	0.2046	
15 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0131	
15 minute summer	SWMBIC11	7.001	SWMBIC12	1.0	0.605	0.051	0.0227	
15 minute summer	SWMBIC14	7.003	TANK	8.5	0.798	0.200	0.0716	
15 minute summer	SWMBIC13	10.001	SWMBIC14	1.1	0.881	0.030	0.0159	
15 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0022	
15 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0045	
15 minute summer	SWMBRE10	12.000	SWMBIC15	0.5	0.523	0.017	0.0040	
15 minute summer	SWMBIC15	12.001	SWMBIC14	0.5	0.434	0.025	0.0158	
180 minute summer	TANK	1.005	SWMBIC17	2.5	0.502	0.025	0.0512	

Results for 1 year Critical Storm Duration. Lowest mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	SWMBMN01	124	14.791	0.221	3.2	0.3658	0.0000	SURCHARGED
180 minute summer	SW911	124	13.641	0.022	2.5	0.0000	0.0000	OK
15 minute summer	SWMBRE07	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC16	1	15.485	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC17	128	14.791	0.111	2.5	0.0315	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	SWMBMN01	1.007	SW911	2.5	1.483	0.048	0.0190	37.0
15 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0109	
15 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
180 minute summer	SWMBIC17	1.006	SWMBMN01	2.4	0.148	0.030	0.8582	

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	SWMBRE04	1	15.350	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC08	184	15.154	0.124	3.6	0.0969	0.0000	OK
180 minute summer	SWMBIC09	184	15.154	0.424	30.2	0.3060	0.0000	SURCHARGED
15 minute summer	SWMBRE03	1	15.550	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC06	11	15.275	0.095	11.7	0.0618	0.0000	OK
180 minute summer	SWMBIC07	184	15.154	0.289	22.7	0.2232	0.0000	OK
15 minute summer	SWMBRE02	10	15.584	0.034	2.0	0.0116	0.0000	OK
15 minute summer	SWMBIC05	10	15.535	0.060	5.9	0.0273	0.0000	OK
15 minute summer	SWMBRE01	10	15.732	0.032	1.6	0.0096	0.0000	OK
15 minute summer	SWMBIC01	10	15.699	0.049	3.2	0.0137	0.0000	OK
15 minute summer	SWMBIC02	10	15.647	0.047	3.1	0.0074	0.0000	OK
15 minute summer	SWMBIC03	10	15.505	0.145	32.4	0.2101	0.0000	OK
15 minute summer	SWMBRE05	10	15.820	0.065	7.9	0.0546	0.0000	OK
15 minute summer	SWMBIC04	11	15.400	0.130	45.6	0.1218	0.0000	OK
15 minute summer	SWMBIC10	10	15.434	0.069	11.8	0.0709	0.0000	OK
15 minute summer	SWMBIC12	11	15.236	0.096	17.1	0.0270	0.0000	OK
15 minute summer	SWMBRE06	1	15.550	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC11	10	15.445	0.055	5.5	0.0260	0.0000	OK
15 minute summer	SWMBIC14	11	15.175	0.220	44.4	0.2463	0.0000	OK
15 minute summer	SWMBIC13	10	15.575	0.040	5.5	0.0233	0.0000	OK
15 minute summer	SWMBRE08	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBRE09	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBRE10	10	15.326	0.031	2.4	0.0052	0.0000	OK
15 minute summer	SWMBIC15	10	15.222	0.037	2.4	0.0058	0.0000	OK
180 minute summer	TANK	184	15.154	0.454	45.8	117.7688	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)
15 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
180 minute summer	SWMBIC08	6.001	SWMBIC09	3.6	0.633	0.062	0.5583	
180 minute summer	SWMBIC09	1.004	TANK	29.1	0.891	0.416	0.5281	
15 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0448	
15 minute summer	SWMBIC06	4.002	SWMBIC07	11.5	1.007	0.679	0.2069	
180 minute summer	SWMBIC07	1.003	SWMBIC09	22.7	0.675	0.256	1.4813	
15 minute summer	SWMBRE02	4.000	SWMBIC05	2.0	0.420	0.114	0.0371	
15 minute summer	SWMBIC05	4.001	SWMBIC06	5.8	0.642	0.340	0.2922	
15 minute summer	SWMBRE01	2.000	SWMBIC01	1.6	0.419	0.098	0.0231	
15 minute summer	SWMBIC01	2.001	SWMBIC02	3.1	0.656	0.203	0.0313	
15 minute summer	SWMBIC02	2.002	SWMBIC03	3.1	0.683	0.197	0.0517	
15 minute summer	SWMBIC03	1.001	SWMBIC04	31.8	1.017	0.432	0.6355	
15 minute summer	SWMBRE05	1.000	SWMBIC03	7.8	0.786	0.184	0.4831	
15 minute summer	SWMBIC04	1.002	SWMBIC07	45.4	1.062	0.400	1.6845	
15 minute summer	SWMBIC10	9.000	SWMBIC12	11.7	0.896	0.201	0.2352	
15 minute summer	SWMBIC12	7.002	SWMBIC14	16.9	0.586	0.382	0.7039	
15 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0439	
15 minute summer	SWMBIC11	7.001	SWMBIC12	5.4	0.957	0.264	0.0746	
15 minute summer	SWMBIC14	7.003	TANK	43.8	1.186	1.035	0.2453	
15 minute summer	SWMBIC13	10.001	SWMBIC14	5.5	1.035	0.157	0.1398	
15 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0068	
15 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0140	
15 minute summer	SWMBRE10	12.000	SWMBIC15	2.4	0.811	0.085	0.0131	
15 minute summer	SWMBIC15	12.001	SWMBIC14	2.4	0.473	0.131	0.1559	
180 minute summer	TANK	1.005	SWMBIC17	5.3	0.507	0.053	0.1723	

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	SWMBMN01	184	15.153	0.583	5.1	0.9651	0.0000	SURCHARGED
60 minute summer	SW911	33	13.642	0.023	2.5	0.0000	0.0000	OK
15 minute summer	SWMBRE07	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC16	1	15.485	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC17	184	15.154	0.474	5.3	0.1341	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)
180 minute summer	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	53.4
15 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0364	
15 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
180 minute summer	SWMBIC17	1.006	SWMBMN01	2.9	0.137	0.037	1.5233	

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.09%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	SWMBRE04	184	15.568	0.218	0.5	0.0039	0.0000	SURCHARGED
180 minute summer	SWMBIC08	184	15.568	0.538	6.6	0.4213	0.0000	SURCHARGED
180 minute summer	SWMBIC09	184	15.568	0.838	52.2	0.6051	0.0000	SURCHARGED
15 minute summer	SWMBRE03	12	15.646	0.096	1.3	0.0153	0.0000	OK
15 minute summer	SWMBIC06	12	15.644	0.464	19.9	0.3008	0.0000	SURCHARGED
180 minute summer	SWMBIC07	184	15.568	0.703	41.0	0.5434	0.0000	SURCHARGED
15 minute summer	SWMBRE02	12	15.730	0.180	3.6	0.0614	0.0000	SURCHARGED
15 minute summer	SWMBIC05	12	15.724	0.249	10.8	0.1132	0.0000	SURCHARGED
15 minute summer	SWMBRE01	10	15.743	0.043	2.9	0.0130	0.0000	OK
15 minute summer	SWMBIC01	10	15.718	0.068	5.8	0.0192	0.0000	OK
15 minute summer	SWMBIC02	12	15.702	0.102	5.7	0.0161	0.0000	OK
15 minute summer	SWMBIC03	12	15.693	0.333	59.2	0.4835	0.0000	SURCHARGED
15 minute summer	SWMBRE05	10	15.844	0.089	14.4	0.0741	0.0000	OK
15 minute summer	SWMBIC04	12	15.633	0.363	80.1	0.3389	0.0000	SURCHARGED
180 minute summer	SWMBIC10	184	15.568	0.203	7.0	0.2096	0.0000	OK
180 minute summer	SWMBIC12	184	15.568	0.428	10.3	0.1211	0.0000	SURCHARGED
180 minute summer	SWMBRE06	188	15.568	0.018	0.0	0.0028	0.0000	OK
180 minute summer	SWMBIC11	188	15.568	0.178	3.3	0.0845	0.0000	SURCHARGED
180 minute summer	SWMBIC14	184	15.568	0.613	26.7	0.6866	0.0000	SURCHARGED
15 minute summer	SWMBIC13	10	15.590	0.055	10.1	0.0320	0.0000	OK
15 minute summer	SWMBRE08	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBRE09	1	15.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBRE10	184	15.568	0.273	1.4	0.0464	0.0000	SURCHARGED
180 minute summer	SWMBIC15	184	15.568	0.383	1.4	0.0609	0.0000	SURCHARGED
180 minute summer	TANK	184	15.568	0.868	83.9	225.3152	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)
180 minute summer	SWMBRE04	6.000	SWMBIC08	-0.5	-0.045	-0.033	0.6472	
180 minute summer	SWMBIC08	6.001	SWMBIC09	5.4	0.596	0.094	0.7146	
180 minute summer	SWMBIC09	1.004	TANK	51.8	1.059	0.741	0.5281	
15 minute summer	SWMBRE03	5.000	SWMBIC06	1.4	0.111	0.037	0.1122	
15 minute summer	SWMBIC06	4.002	SWMBIC07	16.9	0.997	0.999	0.3187	
180 minute summer	SWMBIC07	1.003	SWMBIC09	39.7	0.614	0.448	1.4902	
15 minute summer	SWMBRE02	4.000	SWMBIC05	3.6	0.480	0.205	0.1362	
15 minute summer	SWMBIC05	4.001	SWMBIC06	9.7	0.703	0.566	0.5608	
15 minute summer	SWMBRE01	2.000	SWMBIC01	2.9	0.484	0.178	0.0361	
15 minute summer	SWMBIC01	2.001	SWMBIC02	5.7	0.773	0.368	0.0647	
15 minute summer	SWMBIC02	2.002	SWMBIC03	5.6	0.769	0.357	0.1722	
15 minute summer	SWMBIC03	1.001	SWMBIC04	55.0	1.112	0.746	1.4293	
15 minute summer	SWMBRE05	1.000	SWMBIC03	14.1	0.743	0.334	1.3036	
15 minute summer	SWMBIC04	1.002	SWMBIC07	70.4	1.114	0.621	2.7377	
180 minute summer	SWMBIC10	9.000	SWMBIC12	7.0	0.777	0.120	0.6940	
180 minute summer	SWMBIC12	7.002	SWMBIC14	10.3	0.519	0.232	1.0078	
180 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	-0.003	-0.001	0.1418	
180 minute summer	SWMBIC11	7.001	SWMBIC12	3.3	0.838	0.161	0.2324	
180 minute summer	SWMBIC14	7.003	TANK	25.5	0.980	0.603	0.2685	
15 minute summer	SWMBIC13	10.001	SWMBIC14	10.0	1.049	0.288	0.1551	
15 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0105	
15 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0216	
180 minute summer	SWMBRE10	12.000	SWMBIC15	1.4	0.701	0.050	0.0780	
180 minute summer	SWMBIC15	12.001	SWMBIC14	1.4	0.473	0.078	0.2649	
180 minute summer	TANK	1.005	SWMBIC17	-6.5	0.511	-0.065	0.1723	

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.09%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	SWMBMN01	188	15.567	0.997	9.4	1.6496	0.0000	SURCHARGED
180 minute summer	SW911	192	13.642	0.023	2.6	0.0000	0.0000	OK
15 minute summer	SWMBRE07	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC16	12	15.633	0.148	1.5	0.0235	0.0000	OK
180 minute summer	SWMBIC17	188	15.567	0.887	6.8	0.2511	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)
180 minute summer	SWMBMN01	1.007	SW911	2.6	1.505	0.050	0.0197	59.9
15 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0873	
15 minute summer	SWMBIC16	3.000	SWMBIC04	-1.5	-0.234	-0.086	0.1146	
180 minute summer	SWMBIC17	1.006	SWMBMN01	-6.8	0.126	-0.086	1.5233	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	SWMBRE04	1	15.350	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC08	10	15.059	0.029	2.1	0.0227	0.0000	OK
15 minute summer	SWMBIC09	9	14.908	0.178	16.9	0.1287	0.0000	OK
15 minute summer	SWMBRE03	1	15.550	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC06	11	15.217	0.037	2.2	0.0241	0.0000	OK
15 minute summer	SWMBIC07	11	14.941	0.076	12.9	0.0588	0.0000	OK
15 minute summer	SWMBRE02	11	15.566	0.016	0.4	0.0054	0.0000	OK
15 minute summer	SWMBIC05	11	15.501	0.026	1.2	0.0119	0.0000	OK
15 minute summer	SWMBRE01	11	15.714	0.014	0.3	0.0043	0.0000	OK
15 minute summer	SWMBIC01	11	15.671	0.021	0.6	0.0058	0.0000	OK
15 minute summer	SWMBIC02	11	15.620	0.020	0.6	0.0032	0.0000	OK
15 minute summer	SWMBIC03	11	15.419	0.059	5.9	0.0855	0.0000	OK
15 minute summer	SWMBRE05	11	15.783	0.028	1.5	0.0230	0.0000	OK
15 minute summer	SWMBIC04	11	15.325	0.055	8.5	0.0515	0.0000	OK
15 minute summer	SWMBIC10	10	15.395	0.030	2.3	0.0312	0.0000	OK
15 minute summer	SWMBIC12	11	15.181	0.041	3.3	0.0117	0.0000	OK
15 minute summer	SWMBRE06	1	15.550	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC11	11	15.413	0.023	1.1	0.0111	0.0000	OK
15 minute summer	SWMBIC14	11	15.028	0.073	8.4	0.0819	0.0000	OK
15 minute summer	SWMBIC13	10	15.553	0.018	1.1	0.0106	0.0000	OK
15 minute summer	SWMBRE08	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBRE09	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBRE10	10	15.309	0.014	0.5	0.0023	0.0000	OK
15 minute summer	SWMBIC15	11	15.202	0.017	0.5	0.0026	0.0000	OK
15 minute summer	TANK	20	14.738	0.038	28.4	9.8451	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
15 minute summer	SWMBIC08	6.001	SWMBIC09	2.1	0.600	0.036	0.1848	
15 minute summer	SWMBIC09	1.004	TANK	20.2	1.513	0.288	0.1646	
15 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0129	
15 minute summer	SWMBIC06	4.002	SWMBIC07	2.2	0.655	0.129	0.0603	
15 minute summer	SWMBIC07	1.003	SWMBIC09	12.7	0.687	0.143	0.5738	
15 minute summer	SWMBRE02	4.000	SWMBIC05	0.4	0.271	0.023	0.0117	
15 minute summer	SWMBIC05	4.001	SWMBIC06	1.1	0.432	0.067	0.0866	
15 minute summer	SWMBRE01	2.000	SWMBIC01	0.3	0.264	0.019	0.0069	
15 minute summer	SWMBIC01	2.001	SWMBIC02	0.6	0.426	0.039	0.0093	
15 minute summer	SWMBIC02	2.002	SWMBIC03	0.6	0.427	0.038	0.0159	
15 minute summer	SWMBIC03	1.001	SWMBIC04	6.0	0.644	0.081	0.1887	
15 minute summer	SWMBRE05	1.000	SWMBIC03	1.3	0.487	0.032	0.1334	
15 minute summer	SWMBIC04	1.002	SWMBIC07	8.5	0.748	0.075	0.4448	
15 minute summer	SWMBIC10	9.000	SWMBIC12	2.3	0.579	0.039	0.0725	
15 minute summer	SWMBIC12	7.002	SWMBIC14	3.3	0.415	0.074	0.2046	
15 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0131	
15 minute summer	SWMBIC11	7.001	SWMBIC12	1.0	0.605	0.051	0.0227	
15 minute summer	SWMBIC14	7.003	TANK	8.5	0.798	0.200	0.0716	
15 minute summer	SWMBIC13	10.001	SWMBIC14	1.1	0.881	0.030	0.0159	
15 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0022	
15 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0045	
15 minute summer	SWMBRE10	12.000	SWMBIC15	0.5	0.523	0.017	0.0040	
15 minute summer	SWMBIC15	12.001	SWMBIC14	0.5	0.434	0.025	0.0158	
15 minute summer	TANK	1.005	SWMBIC17	2.5	0.475	0.025	0.0172	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	SWMBMN01	21	14.735	0.165	3.1	0.2736	0.0000	SURCHARGED
15 minute summer	SW911	22	13.641	0.022	2.3	0.0000	0.0000	OK
15 minute summer	SWMBRE07	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC16	1	15.485	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC17	22	14.736	0.056	2.5	0.0157	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	SWMBMN01	1.007	SW911	2.3	1.461	0.045	0.0184	10.6
15 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0109	
15 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
15 minute summer	SWMBIC17	1.006	SWMBMN01	2.4	0.148	0.030	0.5275	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	SWMBRE04	1	15.350	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBIC08	18	15.057	0.027	1.8	0.0215	0.0000	OK
30 minute summer	SWMBIC09	18	14.831	0.101	14.8	0.0732	0.0000	OK
30 minute summer	SWMBRE03	1	15.550	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBIC06	19	15.215	0.035	2.0	0.0224	0.0000	OK
30 minute summer	SWMBIC07	19	14.936	0.071	11.3	0.0553	0.0000	OK
30 minute summer	SWMBRE02	19	15.564	0.014	0.3	0.0047	0.0000	OK
30 minute summer	SWMBIC05	18	15.499	0.024	1.0	0.0111	0.0000	OK
30 minute summer	SWMBRE01	18	15.714	0.014	0.3	0.0043	0.0000	OK
30 minute summer	SWMBIC01	18	15.671	0.021	0.6	0.0058	0.0000	OK
30 minute summer	SWMBIC02	18	15.620	0.020	0.6	0.0031	0.0000	OK
30 minute summer	SWMBIC03	18	15.416	0.056	5.3	0.0806	0.0000	OK
30 minute summer	SWMBRE05	19	15.781	0.026	1.3	0.0220	0.0000	OK
30 minute summer	SWMBIC04	19	15.322	0.052	7.6	0.0483	0.0000	OK
30 minute summer	SWMBIC10	18	15.393	0.028	2.0	0.0294	0.0000	OK
30 minute summer	SWMBIC12	18	15.178	0.038	2.9	0.0109	0.0000	OK
30 minute summer	SWMBRE06	1	15.550	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBIC11	18	15.412	0.022	0.9	0.0103	0.0000	OK
30 minute summer	SWMBIC14	18	15.023	0.068	7.4	0.0760	0.0000	OK
30 minute summer	SWMBIC13	18	15.552	0.017	0.9	0.0098	0.0000	OK
30 minute summer	SWMBRE08	1	15.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBRE09	1	15.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBRE10	19	15.308	0.013	0.4	0.0021	0.0000	OK
30 minute summer	SWMBIC15	19	15.201	0.016	0.4	0.0025	0.0000	OK
30 minute summer	TANK	33	14.746	0.046	22.4	12.0365	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
30 minute summer	SWMBIC08	6.001	SWMBIC09	1.8	0.660	0.031	0.0489	
30 minute summer	SWMBIC09	1.004	TANK	15.1	1.429	0.216	0.0867	
30 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0116	
30 minute summer	SWMBIC06	4.002	SWMBIC07	1.9	0.633	0.113	0.0547	
30 minute summer	SWMBIC07	1.003	SWMBIC09	11.2	0.691	0.127	0.3543	
30 minute summer	SWMBRE02	4.000	SWMBIC05	0.3	0.237	0.017	0.0103	
30 minute summer	SWMBIC05	4.001	SWMBIC06	1.0	0.406	0.058	0.0781	
30 minute summer	SWMBRE01	2.000	SWMBIC01	0.3	0.263	0.018	0.0069	
30 minute summer	SWMBIC01	2.001	SWMBIC02	0.6	0.424	0.038	0.0091	
30 minute summer	SWMBIC02	2.002	SWMBIC03	0.6	0.419	0.035	0.0152	
30 minute summer	SWMBIC03	1.001	SWMBIC04	5.3	0.621	0.072	0.1724	
30 minute summer	SWMBRE05	1.000	SWMBIC03	1.2	0.474	0.029	0.1247	
30 minute summer	SWMBIC04	1.002	SWMBIC07	7.4	0.723	0.066	0.4065	
30 minute summer	SWMBIC10	9.000	SWMBIC12	2.0	0.552	0.034	0.0661	
30 minute summer	SWMBIC12	7.002	SWMBIC14	2.8	0.398	0.064	0.1843	
30 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0118	
30 minute summer	SWMBIC11	7.001	SWMBIC12	0.9	0.576	0.043	0.0203	
30 minute summer	SWMBIC14	7.003	TANK	7.3	0.767	0.173	0.0645	
30 minute summer	SWMBIC13	10.001	SWMBIC14	0.9	0.839	0.026	0.0142	
30 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0019	
30 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0040	
30 minute summer	SWMBRE10	12.000	SWMBIC15	0.4	0.501	0.014	0.0037	
30 minute summer	SWMBIC15	12.001	SWMBIC14	0.4	0.416	0.022	0.0145	
30 minute summer	TANK	1.005	SWMBIC17	2.8	0.474	0.028	0.0227	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	SWMBMN01	31	14.748	0.178	3.5	0.2944	0.0000	SURCHARGED
30 minute summer	SW911	34	13.641	0.022	2.4	0.0000	0.0000	OK
30 minute summer	SWMBRE07	1	15.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBIC16	1	15.485	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBIC17	31	14.747	0.067	2.8	0.0189	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	SWMBMN01	1.007	SW911	2.4	1.468	0.046	0.0186	13.9
30 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0097	
30 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
30 minute summer	SWMBIC17	1.006	SWMBMN01	2.8	0.148	0.035	0.5974	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	SWMBRE04	1	15.350	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC08	34	15.054	0.024	1.3	0.0184	0.0000	OK
60 minute summer	SWMBIC09	33	14.812	0.082	11.0	0.0590	0.0000	OK
60 minute summer	SWMBRE03	1	15.550	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC06	34	15.209	0.029	1.4	0.0189	0.0000	OK
60 minute summer	SWMBIC07	34	14.926	0.061	8.3	0.0474	0.0000	OK
60 minute summer	SWMBRE02	36	15.561	0.011	0.2	0.0039	0.0000	OK
60 minute summer	SWMBIC05	33	15.496	0.021	0.7	0.0094	0.0000	OK
60 minute summer	SWMBRE01	35	15.712	0.012	0.2	0.0036	0.0000	OK
60 minute summer	SWMBIC01	32	15.667	0.017	0.4	0.0048	0.0000	OK
60 minute summer	SWMBIC02	35	15.617	0.017	0.4	0.0027	0.0000	OK
60 minute summer	SWMBIC03	33	15.407	0.047	3.9	0.0687	0.0000	OK
60 minute summer	SWMBRE05	34	15.778	0.023	0.9	0.0188	0.0000	OK
60 minute summer	SWMBIC04	33	15.315	0.045	5.5	0.0416	0.0000	OK
60 minute summer	SWMBIC10	33	15.389	0.024	1.4	0.0248	0.0000	OK
60 minute summer	SWMBIC12	33	15.173	0.033	2.1	0.0093	0.0000	OK
60 minute summer	SWMBRE06	1	15.550	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC11	33	15.409	0.019	0.7	0.0091	0.0000	OK
60 minute summer	SWMBIC14	33	15.012	0.057	5.4	0.0643	0.0000	OK
60 minute summer	SWMBIC13	33	15.550	0.015	0.7	0.0087	0.0000	OK
60 minute summer	SWMBRE08	1	15.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBRE09	1	15.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBRE10	34	15.306	0.011	0.3	0.0019	0.0000	OK
60 minute summer	SWMBIC15	34	15.199	0.014	0.3	0.0022	0.0000	OK
60 minute summer	TANK	56	14.751	0.051	16.4	13.2746	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
60 minute summer	SWMBIC08	6.001	SWMBIC09	1.3	0.600	0.022	0.0390	
60 minute summer	SWMBIC09	1.004	TANK	11.1	1.249	0.158	0.0719	
60 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0091	
60 minute summer	SWMBIC06	4.002	SWMBIC07	1.4	0.574	0.081	0.0430	
60 minute summer	SWMBIC07	1.003	SWMBIC09	8.3	0.646	0.093	0.2724	
60 minute summer	SWMBRE02	4.000	SWMBIC05	0.2	0.224	0.011	0.0079	
60 minute summer	SWMBIC05	4.001	SWMBIC06	0.7	0.364	0.040	0.0609	
60 minute summer	SWMBRE01	2.000	SWMBIC01	0.2	0.234	0.012	0.0052	
60 minute summer	SWMBIC01	2.001	SWMBIC02	0.4	0.381	0.026	0.0070	
60 minute summer	SWMBIC02	2.002	SWMBIC03	0.4	0.379	0.025	0.0120	
60 minute summer	SWMBIC03	1.001	SWMBIC04	3.8	0.566	0.052	0.1381	
60 minute summer	SWMBRE05	1.000	SWMBIC03	0.9	0.429	0.021	0.0990	
60 minute summer	SWMBIC04	1.002	SWMBIC07	5.5	0.661	0.048	0.3272	
60 minute summer	SWMBIC10	9.000	SWMBIC12	1.4	0.488	0.024	0.0522	
60 minute summer	SWMBIC12	7.002	SWMBIC14	2.1	0.365	0.046	0.1462	
60 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0098	
60 minute summer	SWMBIC11	7.001	SWMBIC12	0.7	0.534	0.034	0.0170	
60 minute summer	SWMBIC14	7.003	TANK	5.4	0.706	0.127	0.0514	
60 minute summer	SWMBIC13	10.001	SWMBIC14	0.7	0.778	0.020	0.0119	
60 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0016	
60 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0033	
60 minute summer	SWMBRE10	12.000	SWMBIC15	0.3	0.498	0.011	0.0030	
60 minute summer	SWMBIC15	12.001	SWMBIC14	0.3	0.382	0.017	0.0118	
60 minute summer	TANK	1.005	SWMBIC17	2.9	0.494	0.029	0.0257	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	SWMBMN01	50	14.753	0.183	3.6	0.3028	0.0000	SURCHARGED
60 minute summer	SW911	50	13.641	0.022	2.4	0.0000	0.0000	OK
60 minute summer	SWMBRE07	1	15.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC16	1	15.485	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC17	55	14.752	0.072	2.9	0.0205	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	SWMBMN01	1.007	SW911	2.4	1.470	0.046	0.0186	17.3
60 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0081	
60 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
60 minute summer	SWMBIC17	1.006	SWMBMN01	2.6	0.148	0.033	0.6257	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	SWMBRE04	2	15.350	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBIC08	64	15.053	0.023	1.2	0.0177	0.0000	OK
120 minute summer	SWMBIC09	64	14.806	0.076	10.0	0.0548	0.0000	OK
120 minute summer	SWMBRE03	2	15.550	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBIC06	66	15.207	0.027	1.2	0.0178	0.0000	OK
120 minute summer	SWMBIC07	64	14.923	0.058	7.5	0.0451	0.0000	OK
120 minute summer	SWMBRE02	64	15.561	0.011	0.2	0.0039	0.0000	OK
120 minute summer	SWMBIC05	66	15.494	0.019	0.6	0.0088	0.0000	OK
120 minute summer	SWMBRE01	66	15.712	0.012	0.2	0.0036	0.0000	OK
120 minute summer	SWMBIC01	62	15.667	0.017	0.4	0.0048	0.0000	OK
120 minute summer	SWMBIC02	66	15.617	0.017	0.4	0.0027	0.0000	OK
120 minute summer	SWMBIC03	64	15.405	0.045	3.5	0.0655	0.0000	OK
120 minute summer	SWMBRE05	66	15.777	0.022	0.8	0.0179	0.0000	OK
120 minute summer	SWMBIC04	64	15.313	0.043	5.0	0.0398	0.0000	OK
120 minute summer	SWMBIC10	64	15.388	0.023	1.3	0.0240	0.0000	OK
120 minute summer	SWMBIC12	64	15.172	0.032	1.9	0.0089	0.0000	OK
120 minute summer	SWMBRE06	2	15.550	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBIC11	64	15.408	0.018	0.6	0.0085	0.0000	OK
120 minute summer	SWMBIC14	64	15.010	0.055	4.9	0.0611	0.0000	OK
120 minute summer	SWMBIC13	64	15.549	0.014	0.6	0.0081	0.0000	OK
120 minute summer	SWMBRE08	2	15.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBRE09	2	15.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBRE10	64	15.306	0.011	0.3	0.0019	0.0000	OK
120 minute summer	SWMBIC15	64	15.199	0.014	0.3	0.0022	0.0000	OK
120 minute summer	TANK	94	14.780	0.080	14.8	20.7370	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
120 minute summer	SWMBIC08	6.001	SWMBIC09	1.2	0.586	0.021	0.0368	
120 minute summer	SWMBIC09	1.004	TANK	9.9	1.008	0.142	0.0877	
120 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0083	
120 minute summer	SWMBIC06	4.002	SWMBIC07	1.2	0.553	0.071	0.0393	
120 minute summer	SWMBIC07	1.003	SWMBIC09	7.5	0.635	0.084	0.2496	
120 minute summer	SWMBRE02	4.000	SWMBIC05	0.2	0.225	0.011	0.0074	
120 minute summer	SWMBIC05	4.001	SWMBIC06	0.6	0.347	0.035	0.0559	
120 minute summer	SWMBRE01	2.000	SWMBIC01	0.2	0.234	0.012	0.0052	
120 minute summer	SWMBIC01	2.001	SWMBIC02	0.4	0.373	0.026	0.0070	
120 minute summer	SWMBIC02	2.002	SWMBIC03	0.4	0.379	0.025	0.0120	
120 minute summer	SWMBIC03	1.001	SWMBIC04	3.5	0.550	0.047	0.1290	
120 minute summer	SWMBRE05	1.000	SWMBIC03	0.8	0.417	0.019	0.0924	
120 minute summer	SWMBIC04	1.002	SWMBIC07	5.0	0.640	0.044	0.3051	
120 minute summer	SWMBIC10	9.000	SWMBIC12	1.3	0.479	0.022	0.0494	
120 minute summer	SWMBIC12	7.002	SWMBIC14	1.9	0.358	0.043	0.1365	
120 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0089	
120 minute summer	SWMBIC11	7.001	SWMBIC12	0.6	0.512	0.029	0.0154	
120 minute summer	SWMBIC14	7.003	TANK	4.9	0.688	0.115	0.0479	
120 minute summer	SWMBIC13	10.001	SWMBIC14	0.6	0.744	0.017	0.0107	
120 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0014	
120 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0030	
120 minute summer	SWMBRE10	12.000	SWMBIC15	0.3	0.450	0.011	0.0030	
120 minute summer	SWMBIC15	12.001	SWMBIC14	0.3	0.382	0.017	0.0118	
120 minute summer	TANK	1.005	SWMBIC17	2.4	0.488	0.024	0.0435	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	SWMBMN01	90	14.781	0.211	3.7	0.3482	0.0000	SURCHARGED
120 minute summer	SW911	90	13.641	0.022	2.4	0.0000	0.0000	OK
120 minute summer	SWMBRE07	2	15.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBIC16	2	15.485	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBIC17	92	14.780	0.100	2.4	0.0283	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	SWMBMN01	1.007	SW911	2.4	1.480	0.047	0.0189	29.7
120 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0074	
120 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
120 minute summer	SWMBIC17	1.006	SWMBMN01	2.4	0.148	0.030	0.7932	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	SWMBRE04	4	15.350	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC08	96	15.051	0.021	1.0	0.0162	0.0000	OK
180 minute summer	SWMBIC09	96	14.800	0.070	8.2	0.0508	0.0000	OK
180 minute summer	SWMBRE03	4	15.550	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC06	96	15.205	0.025	1.0	0.0162	0.0000	OK
180 minute summer	SWMBIC07	96	14.918	0.053	6.1	0.0408	0.0000	OK
180 minute summer	SWMBRE02	96	15.561	0.011	0.2	0.0039	0.0000	OK
180 minute summer	SWMBIC05	96	15.493	0.018	0.5	0.0080	0.0000	OK
180 minute summer	SWMBRE01	88	15.709	0.009	0.1	0.0026	0.0000	OK
180 minute summer	SWMBIC01	80	15.662	0.012	0.2	0.0034	0.0000	OK
180 minute summer	SWMBIC02	88	15.612	0.012	0.2	0.0019	0.0000	OK
180 minute summer	SWMBIC03	96	15.400	0.040	2.8	0.0588	0.0000	OK
180 minute summer	SWMBRE05	96	15.775	0.020	0.7	0.0168	0.0000	OK
180 minute summer	SWMBIC04	96	15.308	0.038	4.0	0.0358	0.0000	OK
180 minute summer	SWMBIC10	96	15.386	0.021	1.0	0.0212	0.0000	OK
180 minute summer	SWMBIC12	96	15.168	0.028	1.5	0.0080	0.0000	OK
180 minute summer	SWMBRE06	4	15.550	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC11	96	15.406	0.016	0.5	0.0078	0.0000	OK
180 minute summer	SWMBIC14	96	15.003	0.048	3.9	0.0543	0.0000	OK
180 minute summer	SWMBIC13	96	15.548	0.013	0.5	0.0074	0.0000	OK
180 minute summer	SWMBRE08	4	15.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBRE09	4	15.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBRE10	96	15.304	0.009	0.2	0.0016	0.0000	OK
180 minute summer	SWMBIC15	100	15.196	0.011	0.2	0.0018	0.0000	OK
180 minute summer	TANK	132	14.791	0.091	12.1	23.7182	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
180 minute summer	SWMBIC08	6.001	SWMBIC09	1.0	0.555	0.017	0.0324	
180 minute summer	SWMBIC09	1.004	TANK	8.2	0.825	0.117	0.1070	
180 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0073	
180 minute summer	SWMBIC06	4.002	SWMBIC07	1.0	0.524	0.059	0.0345	
180 minute summer	SWMBIC07	1.003	SWMBIC09	6.1	0.585	0.069	0.2211	
180 minute summer	SWMBRE02	4.000	SWMBIC05	0.2	0.231	0.011	0.0068	
180 minute summer	SWMBIC05	4.001	SWMBIC06	0.5	0.327	0.029	0.0491	
180 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
180 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.347	0.013	0.0043	
180 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
180 minute summer	SWMBIC03	1.001	SWMBIC04	2.8	0.515	0.038	0.1103	
180 minute summer	SWMBRE05	1.000	SWMBIC03	0.7	0.401	0.017	0.0839	
180 minute summer	SWMBIC04	1.002	SWMBIC07	4.0	0.594	0.035	0.2632	
180 minute summer	SWMBIC10	9.000	SWMBIC12	1.0	0.438	0.017	0.0417	
180 minute summer	SWMBIC12	7.002	SWMBIC14	1.5	0.335	0.034	0.1157	
180 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0078	
180 minute summer	SWMBIC11	7.001	SWMBIC12	0.5	0.486	0.024	0.0136	
180 minute summer	SWMBIC14	7.003	TANK	3.9	0.647	0.092	0.0407	
180 minute summer	SWMBIC13	10.001	SWMBIC14	0.5	0.705	0.014	0.0094	
180 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0013	
180 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0026	
180 minute summer	SWMBRE10	12.000	SWMBIC15	0.2	0.413	0.007	0.0023	
180 minute summer	SWMBIC15	12.001	SWMBIC14	0.2	0.337	0.011	0.0089	
180 minute summer	TANK	1.005	SWMBIC17	2.5	0.502	0.025	0.0512	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	SWMBMN01	124	14.791	0.221	3.2	0.3658	0.0000	SURCHARGED
180 minute summer	SW911	124	13.641	0.022	2.5	0.0000	0.0000	OK
180 minute summer	SWMBRE07	4	15.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC16	4	15.485	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC17	128	14.791	0.111	2.5	0.0315	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	SWMBMN01	1.007	SW911	2.5	1.483	0.048	0.0190	37.0
180 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0065	
180 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
180 minute summer	SWMBIC17	1.006	SWMBMN01	2.4	0.148	0.030	0.8582	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	SWMBRE04	1	15.350	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC08	10	15.096	0.066	11.0	0.0514	0.0000	OK
15 minute summer	SWMBIC09	11	14.978	0.248	91.1	0.1790	0.0000	OK
15 minute summer	SWMBRE03	1	15.550	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC06	11	15.275	0.095	11.7	0.0618	0.0000	OK
15 minute summer	SWMBIC07	11	15.092	0.227	68.5	0.1757	0.0000	OK
15 minute summer	SWMBRE02	10	15.584	0.034	2.0	0.0116	0.0000	OK
15 minute summer	SWMBIC05	10	15.535	0.060	5.9	0.0273	0.0000	OK
15 minute summer	SWMBRE01	10	15.732	0.032	1.6	0.0096	0.0000	OK
15 minute summer	SWMBIC01	10	15.699	0.049	3.2	0.0137	0.0000	OK
15 minute summer	SWMBIC02	10	15.647	0.047	3.1	0.0074	0.0000	OK
15 minute summer	SWMBIC03	10	15.505	0.145	32.4	0.2101	0.0000	OK
15 minute summer	SWMBRE05	10	15.820	0.065	7.9	0.0546	0.0000	OK
15 minute summer	SWMBIC04	11	15.400	0.130	45.6	0.1218	0.0000	OK
15 minute summer	SWMBIC10	10	15.434	0.069	11.8	0.0709	0.0000	OK
15 minute summer	SWMBIC12	11	15.236	0.096	17.1	0.0270	0.0000	OK
15 minute summer	SWMBRE06	1	15.550	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC11	10	15.445	0.055	5.5	0.0260	0.0000	OK
15 minute summer	SWMBIC14	11	15.175	0.220	44.4	0.2463	0.0000	OK
15 minute summer	SWMBIC13	10	15.575	0.040	5.5	0.0233	0.0000	OK
15 minute summer	SWMBRE08	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBRE09	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBRE10	10	15.326	0.031	2.4	0.0052	0.0000	OK
15 minute summer	SWMBIC15	10	15.222	0.037	2.4	0.0058	0.0000	OK
15 minute summer	TANK	22	14.930	0.230	145.1	59.7097	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
15 minute summer	SWMBIC08	6.001	SWMBIC09	10.9	0.526	0.188	0.3787	
15 minute summer	SWMBIC09	1.004	TANK	91.3	2.185	1.306	0.4045	
15 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0448	
15 minute summer	SWMBIC06	4.002	SWMBIC07	11.5	1.007	0.679	0.2069	
15 minute summer	SWMBIC07	1.003	SWMBIC09	68.9	1.152	0.778	1.2650	
15 minute summer	SWMBRE02	4.000	SWMBIC05	2.0	0.420	0.114	0.0371	
15 minute summer	SWMBIC05	4.001	SWMBIC06	5.8	0.642	0.340	0.2922	
15 minute summer	SWMBRE01	2.000	SWMBIC01	1.6	0.419	0.098	0.0231	
15 minute summer	SWMBIC01	2.001	SWMBIC02	3.1	0.656	0.203	0.0313	
15 minute summer	SWMBIC02	2.002	SWMBIC03	3.1	0.683	0.197	0.0517	
15 minute summer	SWMBIC03	1.001	SWMBIC04	31.8	1.017	0.432	0.6355	
15 minute summer	SWMBRE05	1.000	SWMBIC03	7.8	0.786	0.184	0.4831	
15 minute summer	SWMBIC04	1.002	SWMBIC07	45.4	1.062	0.400	1.6845	
15 minute summer	SWMBIC10	9.000	SWMBIC12	11.7	0.896	0.201	0.2352	
15 minute summer	SWMBIC12	7.002	SWMBIC14	16.9	0.586	0.382	0.7039	
15 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0439	
15 minute summer	SWMBIC11	7.001	SWMBIC12	5.4	0.957	0.264	0.0746	
15 minute summer	SWMBIC14	7.003	TANK	43.8	1.186	1.035	0.2453	
15 minute summer	SWMBIC13	10.001	SWMBIC14	5.5	1.035	0.157	0.1398	
15 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0068	
15 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0140	
15 minute summer	SWMBRE10	12.000	SWMBIC15	2.4	0.811	0.085	0.0131	
15 minute summer	SWMBIC15	12.001	SWMBIC14	2.4	0.473	0.131	0.1559	
15 minute summer	TANK	1.005	SWMBIC17	-10.8	-0.637	-0.108	0.1477	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	SWMBMN01	24	14.930	0.360	15.7	0.5961	0.0000	SURCHARGED
15 minute summer	SW911	131	13.642	0.023	2.5	0.0000	0.0000	OK
15 minute summer	SWMBRE07	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC16	1	15.485	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC17	22	14.930	0.250	12.1	0.0708	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	37.4
15 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0364	
15 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
15 minute summer	SWMBIC17	1.006	SWMBMN01	-12.1	-0.276	-0.153	1.4403	

Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	SWMBRE04	1	15.350	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBIC08	18	15.092	0.062	9.7	0.0484	0.0000	OK
30 minute summer	SWMBIC09	36	14.990	0.260	80.8	0.1880	0.0000	OK
30 minute summer	SWMBRE03	1	15.550	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBIC06	18	15.268	0.088	10.3	0.0569	0.0000	OK
30 minute summer	SWMBIC07	18	15.069	0.204	61.2	0.1579	0.0000	OK
30 minute summer	SWMBRE02	18	15.582	0.032	1.7	0.0108	0.0000	OK
30 minute summer	SWMBIC05	18	15.531	0.056	5.1	0.0255	0.0000	OK
30 minute summer	SWMBRE01	18	15.730	0.030	1.4	0.0091	0.0000	OK
30 minute summer	SWMBIC01	18	15.695	0.045	2.8	0.0128	0.0000	OK
30 minute summer	SWMBIC02	18	15.644	0.044	2.8	0.0070	0.0000	OK
30 minute summer	SWMBIC03	18	15.495	0.135	28.5	0.1961	0.0000	OK
30 minute summer	SWMBRE05	18	15.816	0.061	6.9	0.0512	0.0000	OK
30 minute summer	SWMBIC04	18	15.392	0.122	40.6	0.1143	0.0000	OK
30 minute summer	SWMBIC10	18	15.429	0.064	10.3	0.0658	0.0000	OK
30 minute summer	SWMBIC12	18	15.230	0.090	15.1	0.0254	0.0000	OK
30 minute summer	SWMBRE06	1	15.550	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBIC11	18	15.441	0.051	4.8	0.0243	0.0000	OK
30 minute summer	SWMBIC14	18	15.150	0.195	39.2	0.2184	0.0000	OK
30 minute summer	SWMBIC13	18	15.573	0.038	4.8	0.0218	0.0000	OK
30 minute summer	SWMBRE08	1	15.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBRE09	1	15.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBRE10	18	15.324	0.029	2.1	0.0048	0.0000	OK
30 minute summer	SWMBIC15	18	15.220	0.035	2.1	0.0055	0.0000	OK
30 minute summer	TANK	35	14.991	0.291	126.3	75.4082	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
30 minute summer	SWMBIC08	6.001	SWMBIC09	9.7	0.713	0.167	0.3472	
30 minute summer	SWMBIC09	1.004	TANK	79.7	1.889	1.140	0.5052	
30 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0407	
30 minute summer	SWMBIC06	4.002	SWMBIC07	10.2	0.979	0.599	0.1878	
30 minute summer	SWMBIC07	1.003	SWMBIC09	60.4	1.106	0.682	1.1620	
30 minute summer	SWMBRE02	4.000	SWMBIC05	1.7	0.401	0.097	0.0336	
30 minute summer	SWMBIC05	4.001	SWMBIC06	5.1	0.617	0.298	0.2657	
30 minute summer	SWMBRE01	2.000	SWMBIC01	1.4	0.405	0.087	0.0211	
30 minute summer	SWMBIC01	2.001	SWMBIC02	2.8	0.635	0.180	0.0288	
30 minute summer	SWMBIC02	2.002	SWMBIC03	2.8	0.663	0.177	0.0480	
30 minute summer	SWMBIC03	1.001	SWMBIC04	28.5	0.987	0.386	0.5858	
30 minute summer	SWMBRE05	1.000	SWMBIC03	6.7	0.780	0.160	0.4175	
30 minute summer	SWMBIC04	1.002	SWMBIC07	40.4	1.034	0.356	1.5182	
30 minute summer	SWMBIC10	9.000	SWMBIC12	10.3	0.869	0.177	0.2146	
30 minute summer	SWMBIC12	7.002	SWMBIC14	15.1	0.575	0.340	0.6500	
30 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0400	
30 minute summer	SWMBIC11	7.001	SWMBIC12	4.8	0.927	0.234	0.0683	
30 minute summer	SWMBIC14	7.003	TANK	38.7	1.137	0.914	0.2287	
30 minute summer	SWMBIC13	10.001	SWMBIC14	4.8	1.018	0.138	0.1227	
30 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0062	
30 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0127	
30 minute summer	SWMBRE10	12.000	SWMBIC15	2.1	0.783	0.075	0.0119	
30 minute summer	SWMBIC15	12.001	SWMBIC14	2.1	0.483	0.117	0.1366	
30 minute summer	TANK	1.005	SWMBIC17	-8.4	0.469	-0.084	0.1715	

Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	SWMBMN01	36	14.990	0.420	13.8	0.6951	0.0000	SURCHARGED
30 minute summer	SW911	260	13.642	0.023	2.5	0.0000	0.0000	OK
30 minute summer	SWMBRE07	1	15.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBIC16	1	15.485	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBIC17	37	14.992	0.312	9.8	0.0882	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	39.0
30 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0332	
30 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
30 minute summer	SWMBIC17	1.006	SWMBMN01	-9.8	-0.206	-0.124	1.5233	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	SWMBRE04	1	15.350	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC08	33	15.082	0.052	7.0	0.0410	0.0000	OK
60 minute summer	SWMBIC09	65	15.044	0.314	58.6	0.2265	0.0000	SURCHARGED
60 minute summer	SWMBRE03	1	15.550	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC06	33	15.252	0.072	7.4	0.0465	0.0000	OK
60 minute summer	SWMBIC07	65	15.044	0.179	44.2	0.1381	0.0000	OK
60 minute summer	SWMBRE02	33	15.577	0.027	1.2	0.0091	0.0000	OK
60 minute summer	SWMBIC05	33	15.522	0.047	3.7	0.0215	0.0000	OK
60 minute summer	SWMBRE01	33	15.725	0.025	1.0	0.0077	0.0000	OK
60 minute summer	SWMBIC01	33	15.688	0.038	2.0	0.0107	0.0000	OK
60 minute summer	SWMBIC02	33	15.637	0.037	2.0	0.0059	0.0000	OK
60 minute summer	SWMBIC03	33	15.472	0.112	20.6	0.1633	0.0000	OK
60 minute summer	SWMBRE05	33	15.807	0.052	5.0	0.0435	0.0000	OK
60 minute summer	SWMBIC04	33	15.373	0.103	29.3	0.0959	0.0000	OK
60 minute summer	SWMBIC10	33	15.419	0.054	7.5	0.0560	0.0000	OK
60 minute summer	SWMBIC12	33	15.216	0.076	11.0	0.0214	0.0000	OK
60 minute summer	SWMBRE06	1	15.550	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC11	33	15.433	0.043	3.5	0.0205	0.0000	OK
60 minute summer	SWMBIC14	33	15.105	0.150	28.5	0.1682	0.0000	OK
60 minute summer	SWMBIC13	33	15.567	0.032	3.5	0.0186	0.0000	OK
60 minute summer	SWMBRE08	1	15.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBRE09	1	15.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBRE10	33	15.319	0.024	1.5	0.0041	0.0000	OK
60 minute summer	SWMBIC15	33	15.214	0.029	1.5	0.0046	0.0000	OK
60 minute summer	TANK	64	15.044	0.344	90.8	89.2296	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
60 minute summer	SWMBIC08	6.001	SWMBIC09	7.0	0.720	0.120	0.3712	
60 minute summer	SWMBIC09	1.004	TANK	57.3	1.370	0.820	0.5281	
60 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0316	
60 minute summer	SWMBIC06	4.002	SWMBIC07	7.4	0.908	0.434	0.1466	
60 minute summer	SWMBIC07	1.003	SWMBIC09	44.0	0.976	0.496	1.2078	
60 minute summer	SWMBRE02	4.000	SWMBIC05	1.2	0.365	0.069	0.0265	
60 minute summer	SWMBIC05	4.001	SWMBIC06	3.7	0.571	0.217	0.2081	
60 minute summer	SWMBRE01	2.000	SWMBIC01	1.0	0.370	0.062	0.0165	
60 minute summer	SWMBIC01	2.001	SWMBIC02	2.0	0.582	0.129	0.0224	
60 minute summer	SWMBIC02	2.002	SWMBIC03	2.0	0.604	0.126	0.0376	
60 minute summer	SWMBIC03	1.001	SWMBIC04	20.6	0.906	0.279	0.4605	
60 minute summer	SWMBRE05	1.000	SWMBIC03	4.9	0.713	0.116	0.3322	
60 minute summer	SWMBIC04	1.002	SWMBIC07	29.1	0.976	0.257	1.1648	
60 minute summer	SWMBIC10	9.000	SWMBIC12	7.5	0.796	0.129	0.1707	
60 minute summer	SWMBIC12	7.002	SWMBIC14	11.0	0.551	0.247	0.5050	
60 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0317	
60 minute summer	SWMBIC11	7.001	SWMBIC12	3.5	0.851	0.171	0.0542	
60 minute summer	SWMBIC14	7.003	TANK	28.3	1.076	0.668	0.1774	
60 minute summer	SWMBIC13	10.001	SWMBIC14	3.5	1.019	0.100	0.0766	
60 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0049	
60 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0102	
60 minute summer	SWMBRE10	12.000	SWMBIC15	1.5	0.716	0.053	0.0093	
60 minute summer	SWMBIC15	12.001	SWMBIC14	1.5	0.498	0.083	0.0845	
60 minute summer	TANK	1.005	SWMBIC17	5.2	0.503	0.051	0.1723	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	SWMBMN01	65	15.043	0.473	10.0	0.7827	0.0000	SURCHARGED
60 minute summer	SW911	33	13.642	0.023	2.5	0.0000	0.0000	OK
60 minute summer	SWMBRE07	1	15.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC16	1	15.485	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC17	65	15.043	0.363	6.4	0.1029	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	42.1
60 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0262	
60 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
60 minute summer	SWMBIC17	1.006	SWMBMN01	-6.4	0.114	-0.081	1.5233	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	SWMBRE04	2	15.350	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBIC08	124	15.119	0.089	4.7	0.0697	0.0000	OK
120 minute summer	SWMBIC09	124	15.119	0.389	40.2	0.2809	0.0000	SURCHARGED
120 minute summer	SWMBRE03	2	15.550	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBIC06	64	15.237	0.057	5.0	0.0373	0.0000	OK
120 minute summer	SWMBIC07	124	15.119	0.254	30.3	0.1963	0.0000	OK
120 minute summer	SWMBRE02	64	15.572	0.022	0.8	0.0074	0.0000	OK
120 minute summer	SWMBIC05	64	15.514	0.039	2.5	0.0176	0.0000	OK
120 minute summer	SWMBRE01	64	15.721	0.021	0.7	0.0065	0.0000	OK
120 minute summer	SWMBIC01	64	15.682	0.032	1.4	0.0089	0.0000	OK
120 minute summer	SWMBIC02	64	15.631	0.031	1.4	0.0049	0.0000	OK
120 minute summer	SWMBIC03	64	15.452	0.092	14.1	0.1331	0.0000	OK
120 minute summer	SWMBRE05	64	15.798	0.043	3.4	0.0360	0.0000	OK
120 minute summer	SWMBIC04	64	15.354	0.084	20.0	0.0788	0.0000	OK
120 minute summer	SWMBIC10	64	15.410	0.045	5.1	0.0462	0.0000	OK
120 minute summer	SWMBIC12	64	15.202	0.062	7.5	0.0176	0.0000	OK
120 minute summer	SWMBRE06	2	15.550	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBIC11	64	15.426	0.036	2.4	0.0169	0.0000	OK
120 minute summer	SWMBIC14	124	15.119	0.164	19.4	0.1838	0.0000	OK
120 minute summer	SWMBIC13	64	15.562	0.027	2.4	0.0155	0.0000	OK
120 minute summer	SWMBRE08	2	15.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBRE09	2	15.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBRE10	64	15.314	0.019	1.0	0.0033	0.0000	OK
120 minute summer	SWMBIC15	64	15.209	0.024	1.0	0.0038	0.0000	OK
120 minute summer	TANK	126	15.119	0.419	61.7	108.7697	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0151	
120 minute summer	SWMBIC08	6.001	SWMBIC09	4.7	0.681	0.081	0.4884	
120 minute summer	SWMBIC09	1.004	TANK	39.1	0.997	0.560	0.5281	
120 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0236	
120 minute summer	SWMBIC06	4.002	SWMBIC07	5.0	0.823	0.295	0.1272	
120 minute summer	SWMBIC07	1.003	SWMBIC09	30.2	0.793	0.341	1.4179	
120 minute summer	SWMBRE02	4.000	SWMBIC05	0.8	0.329	0.046	0.0200	
120 minute summer	SWMBIC05	4.001	SWMBIC06	2.5	0.515	0.146	0.1560	
120 minute summer	SWMBRE01	2.000	SWMBIC01	0.7	0.337	0.043	0.0127	
120 minute summer	SWMBIC01	2.001	SWMBIC02	1.4	0.529	0.090	0.0173	
120 minute summer	SWMBIC02	2.002	SWMBIC03	1.4	0.547	0.089	0.0291	
120 minute summer	SWMBIC03	1.001	SWMBIC04	14.1	0.818	0.191	0.3492	
120 minute summer	SWMBRE05	1.000	SWMBIC03	3.4	0.641	0.080	0.2550	
120 minute summer	SWMBIC04	1.002	SWMBIC07	20.0	0.947	0.176	1.2898	
120 minute summer	SWMBIC10	9.000	SWMBIC12	5.1	0.711	0.087	0.1299	
120 minute summer	SWMBIC12	7.002	SWMBIC14	7.5	0.507	0.169	0.4100	
120 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0240	
120 minute summer	SWMBIC11	7.001	SWMBIC12	2.4	0.767	0.117	0.0413	
120 minute summer	SWMBIC14	7.003	TANK	19.4	0.986	0.458	0.2346	
120 minute summer	SWMBIC13	10.001	SWMBIC14	2.4	1.027	0.069	0.0736	
120 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0038	
120 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0078	
120 minute summer	SWMBRE10	12.000	SWMBIC15	1.0	0.638	0.036	0.0070	
120 minute summer	SWMBIC15	12.001	SWMBIC14	1.0	0.488	0.055	0.0839	
120 minute summer	TANK	1.005	SWMBIC17	5.8	0.513	0.058	0.1723	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	SWMBMN01	124	15.120	0.550	6.8	0.9105	0.0000	SURCHARGED
120 minute summer	SW911	60	13.642	0.023	2.5	0.0000	0.0000	OK
120 minute summer	SWMBRE07	2	15.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBIC16	2	15.485	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBIC17	124	15.119	0.439	5.8	0.1243	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	47.8
120 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0199	
120 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
120 minute summer	SWMBIC17	1.006	SWMBMN01	-3.8	0.130	-0.048	1.5233	

Results for 30 year 180 minute summer. 420 minute analysis at 4 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
180 minute summer	SWMBRE04	4	15.350	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC08	184	15.154	0.124	3.6	0.0969	0.0000	OK
180 minute summer	SWMBIC09	184	15.154	0.424	30.2	0.3060	0.0000	SURCHARGED
180 minute summer	SWMBRE03	4	15.550	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC06	96	15.229	0.049	3.8	0.0321	0.0000	OK
180 minute summer	SWMBIC07	184	15.154	0.289	22.7	0.2232	0.0000	OK
180 minute summer	SWMBRE02	96	15.569	0.019	0.6	0.0065	0.0000	OK
180 minute summer	SWMBIC05	96	15.509	0.034	1.9	0.0153	0.0000	OK
180 minute summer	SWMBRE01	96	15.718	0.018	0.5	0.0055	0.0000	OK
180 minute summer	SWMBIC01	96	15.677	0.027	1.0	0.0075	0.0000	OK
180 minute summer	SWMBIC02	96	15.626	0.026	1.0	0.0041	0.0000	OK
180 minute summer	SWMBIC03	96	15.439	0.079	10.5	0.1141	0.0000	OK
180 minute summer	SWMBRE05	96	15.792	0.037	2.5	0.0310	0.0000	OK
180 minute summer	SWMBIC04	96	15.343	0.073	15.0	0.0682	0.0000	OK
180 minute summer	SWMBIC10	96	15.404	0.039	3.8	0.0401	0.0000	OK
180 minute summer	SWMBIC12	96	15.194	0.054	5.6	0.0152	0.0000	OK
180 minute summer	SWMBRE06	4	15.550	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC11	96	15.421	0.031	1.8	0.0146	0.0000	OK
180 minute summer	SWMBIC14	184	15.154	0.199	14.6	0.2226	0.0000	OK
180 minute summer	SWMBIC13	92	15.558	0.023	1.8	0.0136	0.0000	OK
180 minute summer	SWMBRE08	4	15.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBRE09	4	15.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBRE10	96	15.312	0.017	0.8	0.0030	0.0000	OK
180 minute summer	SWMBIC15	96	15.207	0.022	0.8	0.0034	0.0000	OK
180 minute summer	TANK	184	15.154	0.454	45.8	117.7688	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0912	
180 minute summer	SWMBIC08	6.001	SWMBIC09	3.6	0.633	0.062	0.5583	
180 minute summer	SWMBIC09	1.004	TANK	29.1	0.891	0.416	0.5281	
180 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0192	
180 minute summer	SWMBIC06	4.002	SWMBIC07	3.8	0.765	0.224	0.1620	
180 minute summer	SWMBIC07	1.003	SWMBIC09	22.7	0.675	0.256	1.4813	
180 minute summer	SWMBRE02	4.000	SWMBIC05	0.6	0.289	0.034	0.0164	
180 minute summer	SWMBIC05	4.001	SWMBIC06	1.9	0.478	0.111	0.1277	
180 minute summer	SWMBRE01	2.000	SWMBIC01	0.5	0.306	0.031	0.0100	
180 minute summer	SWMBIC01	2.001	SWMBIC02	1.0	0.483	0.064	0.0135	
180 minute summer	SWMBIC02	2.002	SWMBIC03	1.0	0.496	0.063	0.0229	
180 minute summer	SWMBIC03	1.001	SWMBIC04	10.5	0.753	0.142	0.2832	
180 minute summer	SWMBRE05	1.000	SWMBIC03	2.5	0.586	0.059	0.2057	
180 minute summer	SWMBIC04	1.002	SWMBIC07	15.0	0.875	0.132	1.3948	
180 minute summer	SWMBIC10	9.000	SWMBIC12	3.8	0.653	0.065	0.1056	
180 minute summer	SWMBIC12	7.002	SWMBIC14	5.6	0.471	0.126	0.4856	
180 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0195	
180 minute summer	SWMBIC11	7.001	SWMBIC12	1.8	0.707	0.088	0.0336	
180 minute summer	SWMBIC14	7.003	TANK	14.6	0.919	0.345	0.2596	
180 minute summer	SWMBIC13	10.001	SWMBIC14	1.8	1.027	0.052	0.1044	
180 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0031	
180 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0065	
180 minute summer	SWMBRE10	12.000	SWMBIC15	0.8	0.598	0.028	0.0060	
180 minute summer	SWMBIC15	12.001	SWMBIC14	0.8	0.486	0.044	0.1185	
180 minute summer	TANK	1.005	SWMBIC17	5.3	0.507	0.053	0.1723	

Results for 30 year 180 minute summer. 420 minute analysis at 4 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
180 minute summer	SWMBMN01	184	15.153	0.583	5.1	0.9651	0.0000	SURCHARGED
180 minute summer	SW911	88	13.642	0.023	2.5	0.0000	0.0000	OK
180 minute summer	SWMBRE07	4	15.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC16	4	15.485	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC17	184	15.154	0.474	5.3	0.1341	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	53.4
180 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0161	
180 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
180 minute summer	SWMBIC17	1.006	SWMBMN01	2.9	0.137	0.037	1.5233	

Results for 100 year +40% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	SWMBRE04	1	15.350	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC08	12	15.207	0.177	20.1	0.1387	0.0000	OK
15 minute summer	SWMBIC09	12	15.194	0.464	143.7	0.3350	0.0000	SURCHARGED
15 minute summer	SWMBRE03	12	15.646	0.096	1.3	0.0153	0.0000	OK
15 minute summer	SWMBIC06	12	15.644	0.464	19.9	0.3008	0.0000	SURCHARGED
15 minute summer	SWMBIC07	12	15.445	0.580	104.8	0.4487	0.0000	SURCHARGED
15 minute summer	SWMBRE02	12	15.730	0.180	3.6	0.0614	0.0000	SURCHARGED
15 minute summer	SWMBIC05	12	15.724	0.249	10.8	0.1132	0.0000	SURCHARGED
15 minute summer	SWMBRE01	10	15.743	0.043	2.9	0.0130	0.0000	OK
15 minute summer	SWMBIC01	10	15.718	0.068	5.8	0.0192	0.0000	OK
15 minute summer	SWMBIC02	12	15.702	0.102	5.7	0.0161	0.0000	OK
15 minute summer	SWMBIC03	12	15.693	0.333	59.2	0.4835	0.0000	SURCHARGED
15 minute summer	SWMBRE05	10	15.844	0.089	14.4	0.0741	0.0000	OK
15 minute summer	SWMBIC04	12	15.633	0.363	80.1	0.3389	0.0000	SURCHARGED
15 minute summer	SWMBIC10	11	15.491	0.126	21.6	0.1298	0.0000	OK
15 minute summer	SWMBIC12	11	15.471	0.331	29.5	0.0937	0.0000	SURCHARGED
15 minute summer	SWMBRE06	1	15.550	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC11	11	15.501	0.111	10.1	0.0527	0.0000	OK
15 minute summer	SWMBIC14	11	15.375	0.420	77.1	0.4698	0.0000	SURCHARGED
15 minute summer	SWMBIC13	10	15.590	0.055	10.1	0.0320	0.0000	OK
15 minute summer	SWMBRE08	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBRE09	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBRE10	11	15.387	0.092	4.3	0.0157	0.0000	OK
15 minute summer	SWMBIC15	11	15.383	0.198	4.2	0.0315	0.0000	SURCHARGED
15 minute summer	TANK	21	15.125	0.425	241.3	110.3701	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.2349	
15 minute summer	SWMBIC08	6.001	SWMBIC09	18.0	0.651	0.310	0.6587	
15 minute summer	SWMBIC09	1.004	TANK	143.3	2.295	2.048	0.5281	
15 minute summer	SWMBRE03	5.000	SWMBIC06	1.4	0.111	0.037	0.1122	
15 minute summer	SWMBIC06	4.002	SWMBIC07	16.9	0.997	0.999	0.3187	
15 minute summer	SWMBIC07	1.003	SWMBIC09	105.0	1.491	1.185	1.4902	
15 minute summer	SWMBRE02	4.000	SWMBIC05	3.6	0.480	0.205	0.1362	
15 minute summer	SWMBIC05	4.001	SWMBIC06	9.7	0.703	0.566	0.5608	
15 minute summer	SWMBRE01	2.000	SWMBIC01	2.9	0.484	0.178	0.0361	
15 minute summer	SWMBIC01	2.001	SWMBIC02	5.7	0.773	0.368	0.0647	
15 minute summer	SWMBIC02	2.002	SWMBIC03	5.6	0.769	0.357	0.1722	
15 minute summer	SWMBIC03	1.001	SWMBIC04	55.0	1.112	0.746	1.4293	
15 minute summer	SWMBRE05	1.000	SWMBIC03	14.1	0.743	0.334	1.3036	
15 minute summer	SWMBIC04	1.002	SWMBIC07	70.4	1.114	0.621	2.7377	
15 minute summer	SWMBIC10	9.000	SWMBIC12	20.3	0.998	0.348	0.5603	
15 minute summer	SWMBIC12	7.002	SWMBIC14	30.4	0.764	0.685	1.0078	
15 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.1054	
15 minute summer	SWMBIC11	7.001	SWMBIC12	10.0	0.999	0.489	0.2084	
15 minute summer	SWMBIC14	7.003	TANK	77.2	1.941	1.823	0.2656	
15 minute summer	SWMBIC13	10.001	SWMBIC14	10.0	1.049	0.288	0.1551	
15 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0105	
15 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0216	
15 minute summer	SWMBRE10	12.000	SWMBIC15	4.2	0.893	0.151	0.0641	
15 minute summer	SWMBIC15	12.001	SWMBIC14	5.0	0.477	0.278	0.2649	
15 minute summer	TANK	1.005	SWMBIC17	-22.6	-0.810	-0.225	0.1723	

Results for 100 year +40% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	SWMBMN01	20	15.126	0.556	28.7	0.9194	0.0000	SURCHARGED
15 minute summer	SW911	9	13.642	0.023	2.5	0.0000	0.0000	OK
15 minute summer	SWMBRE07	1	15.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWMBIC16	12	15.633	0.148	1.5	0.0235	0.0000	OK
15 minute summer	SWMBIC17	21	15.125	0.445	24.7	0.1260	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	35.0
15 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0873	
15 minute summer	SWMBIC16	3.000	SWMBIC04	-1.5	-0.234	-0.086	0.1146	
15 minute summer	SWMBIC17	1.006	SWMBMN01	-24.7	-0.394	-0.313	1.5233	

Results for 100 year +40% CC 30 minute summer. 270 minute analysis at 1 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
30 minute summer	SWMBRE04	1	15.350	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBIC08	36	15.243	0.213	17.7	0.1667	0.0000	OK
30 minute summer	SWMBIC09	36	15.243	0.513	130.5	0.3702	0.0000	SURCHARGED
30 minute summer	SWMBRE03	20	15.570	0.020	0.1	0.0032	0.0000	OK
30 minute summer	SWMBIC06	19	15.567	0.387	18.7	0.2511	0.0000	SURCHARGED
30 minute summer	SWMBIC07	20	15.408	0.543	99.9	0.4194	0.0000	SURCHARGED
30 minute summer	SWMBRE02	20	15.638	0.088	3.2	0.0302	0.0000	OK
30 minute summer	SWMBIC05	20	15.636	0.161	9.5	0.0731	0.0000	SURCHARGED
30 minute summer	SWMBRE01	18	15.740	0.040	2.5	0.0121	0.0000	OK
30 minute summer	SWMBIC01	18	15.713	0.063	5.0	0.0177	0.0000	OK
30 minute summer	SWMBIC02	18	15.661	0.061	5.0	0.0096	0.0000	OK
30 minute summer	SWMBIC03	19	15.572	0.212	52.5	0.3078	0.0000	OK
30 minute summer	SWMBRE05	18	15.839	0.084	12.7	0.0699	0.0000	OK
30 minute summer	SWMBIC04	19	15.538	0.268	73.1	0.2506	0.0000	OK
30 minute summer	SWMBIC10	18	15.453	0.088	19.0	0.0906	0.0000	OK
30 minute summer	SWMBIC12	18	15.420	0.280	27.9	0.0792	0.0000	SURCHARGED
30 minute summer	SWMBRE06	1	15.550	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBIC11	17	15.460	0.070	8.9	0.0330	0.0000	OK
30 minute summer	SWMBIC14	18	15.333	0.378	71.1	0.4238	0.0000	SURCHARGED
30 minute summer	SWMBIC13	18	15.587	0.052	8.9	0.0300	0.0000	OK
30 minute summer	SWMBRE08	1	15.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBRE09	1	15.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBRE10	19	15.337	0.042	3.8	0.0072	0.0000	OK
30 minute summer	SWMBIC15	18	15.342	0.157	3.9	0.0249	0.0000	SURCHARGED
30 minute summer	TANK	35	15.243	0.543	220.0	140.8756	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.3115	
30 minute summer	SWMBIC08	6.001	SWMBIC09	16.2	0.626	0.278	0.7070	
30 minute summer	SWMBIC09	1.004	TANK	129.2	1.915	1.848	0.5281	
30 minute summer	SWMBRE03	5.000	SWMBIC06	0.2	0.021	0.006	0.0721	
30 minute summer	SWMBIC06	4.002	SWMBIC07	15.2	0.986	0.896	0.3187	
30 minute summer	SWMBIC07	1.003	SWMBIC09	98.1	1.393	1.107	1.4902	
30 minute summer	SWMBRE02	4.000	SWMBIC05	3.2	0.473	0.183	0.1099	
30 minute summer	SWMBIC05	4.001	SWMBIC06	9.2	0.686	0.540	0.5608	
30 minute summer	SWMBRE01	2.000	SWMBIC01	2.5	0.469	0.155	0.0325	
30 minute summer	SWMBIC01	2.001	SWMBIC02	5.0	0.732	0.322	0.0446	
30 minute summer	SWMBIC02	2.002	SWMBIC03	5.0	0.774	0.317	0.0753	
30 minute summer	SWMBIC03	1.001	SWMBIC04	50.9	1.094	0.690	1.2143	
30 minute summer	SWMBRE05	1.000	SWMBIC03	12.7	0.755	0.300	0.9208	
30 minute summer	SWMBIC04	1.002	SWMBIC07	65.3	1.087	0.576	2.6608	
30 minute summer	SWMBIC10	9.000	SWMBIC12	19.0	0.942	0.326	0.4845	
30 minute summer	SWMBIC12	7.002	SWMBIC14	27.4	0.689	0.618	1.0078	
30 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0602	
30 minute summer	SWMBIC11	7.001	SWMBIC12	9.0	1.033	0.441	0.1684	
30 minute summer	SWMBIC14	7.003	TANK	70.5	1.773	1.665	0.2685	
30 minute summer	SWMBIC13	10.001	SWMBIC14	8.9	1.025	0.255	0.1519	
30 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0096	
30 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0198	
30 minute summer	SWMBRE10	12.000	SWMBIC15	3.9	0.848	0.139	0.0476	
30 minute summer	SWMBIC15	12.001	SWMBIC14	4.4	0.491	0.242	0.2649	
30 minute summer	TANK	1.005	SWMBIC17	-20.3	-0.380	-0.202	0.1723	

Results for 100 year +40% CC 30 minute summer. 270 minute analysis at 1 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
30 minute summer	SWMBMN01	37	15.244	0.674	25.3	1.1146	0.0000	SURCHARGED
30 minute summer	SW911	16	13.642	0.023	2.5	0.0000	0.0000	OK
30 minute summer	SWMBRE07	1	15.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWMBIC16	19	15.543	0.058	0.2	0.0092	0.0000	OK
30 minute summer	SWMBIC17	37	15.243	0.563	21.4	0.1593	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0192	33.5
30 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0499	
30 minute summer	SWMBIC16	3.000	SWMBIC04	0.4	0.224	0.024	0.0691	
30 minute summer	SWMBIC17	1.006	SWMBMN01	-21.4	-0.303	-0.270	1.5233	

Results for 100 year +40% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	SWMBRE04	66	15.351	0.001	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC08	67	15.351	0.321	12.9	0.2510	0.0000	SURCHARGED
60 minute summer	SWMBIC09	65	15.351	0.621	101.2	0.4481	0.0000	SURCHARGED
60 minute summer	SWMBRE03	1	15.550	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC06	35	15.426	0.246	13.8	0.1594	0.0000	SURCHARGED
60 minute summer	SWMBIC07	67	15.351	0.486	79.0	0.3756	0.0000	SURCHARGED
60 minute summer	SWMBRE02	33	15.587	0.037	2.3	0.0125	0.0000	OK
60 minute summer	SWMBIC05	33	15.541	0.066	6.9	0.0301	0.0000	OK
60 minute summer	SWMBRE01	33	15.734	0.034	1.8	0.0103	0.0000	OK
60 minute summer	SWMBIC01	33	15.702	0.052	3.6	0.0147	0.0000	OK
60 minute summer	SWMBIC02	33	15.651	0.051	3.6	0.0080	0.0000	OK
60 minute summer	SWMBIC03	33	15.520	0.160	38.1	0.2329	0.0000	OK
60 minute summer	SWMBRE05	33	15.826	0.071	9.2	0.0590	0.0000	OK
60 minute summer	SWMBIC04	33	15.414	0.144	54.1	0.1346	0.0000	OK
60 minute summer	SWMBIC10	32	15.440	0.075	13.8	0.0776	0.0000	OK
60 minute summer	SWMBIC12	66	15.351	0.211	20.2	0.0598	0.0000	OK
60 minute summer	SWMBRE06	1	15.550	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC11	33	15.450	0.060	6.4	0.0286	0.0000	OK
60 minute summer	SWMBIC14	66	15.351	0.396	52.1	0.4433	0.0000	SURCHARGED
60 minute summer	SWMBIC13	33	15.579	0.044	6.4	0.0253	0.0000	OK
60 minute summer	SWMBRE08	1	15.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBRE09	1	15.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBRE10	66	15.351	0.056	2.8	0.0096	0.0000	OK
60 minute summer	SWMBIC15	66	15.351	0.166	2.8	0.0264	0.0000	SURCHARGED
60 minute summer	TANK	65	15.351	0.651	165.7	168.9560	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	SWMBRE04	6.000	SWMBIC08	0.0	-0.001	-0.001	0.3239	
60 minute summer	SWMBIC08	6.001	SWMBIC09	12.5	0.720	0.215	0.7146	
60 minute summer	SWMBIC09	1.004	TANK	100.2	1.423	1.432	0.5281	
60 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0669	
60 minute summer	SWMBIC06	4.002	SWMBIC07	12.3	0.981	0.726	0.3187	
60 minute summer	SWMBIC07	1.003	SWMBIC09	77.3	1.098	0.873	1.4902	
60 minute summer	SWMBRE02	4.000	SWMBIC05	2.3	0.433	0.132	0.0418	
60 minute summer	SWMBIC05	4.001	SWMBIC06	6.9	0.649	0.404	0.3995	
60 minute summer	SWMBRE01	2.000	SWMBIC01	1.8	0.433	0.112	0.0254	
60 minute summer	SWMBIC01	2.001	SWMBIC02	3.6	0.676	0.232	0.0347	
60 minute summer	SWMBIC02	2.002	SWMBIC03	3.6	0.710	0.228	0.0577	
60 minute summer	SWMBIC03	1.001	SWMBIC04	38.0	1.060	0.516	0.7280	
60 minute summer	SWMBRE05	1.000	SWMBIC03	9.2	0.792	0.218	0.5903	
60 minute summer	SWMBIC04	1.002	SWMBIC07	54.0	1.034	0.476	2.0188	
60 minute summer	SWMBIC10	9.000	SWMBIC12	13.8	0.929	0.237	0.3596	
60 minute summer	SWMBIC12	7.002	SWMBIC14	20.3	0.604	0.457	0.9947	
60 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0497	
60 minute summer	SWMBIC11	7.001	SWMBIC12	6.4	1.000	0.312	0.1157	
60 minute summer	SWMBIC14	7.003	TANK	52.0	1.318	1.227	0.2685	
60 minute summer	SWMBIC13	10.001	SWMBIC14	6.4	1.014	0.183	0.1444	
60 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0076	
60 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0156	
60 minute summer	SWMBRE10	12.000	SWMBIC15	2.8	0.845	0.100	0.0523	
60 minute summer	SWMBIC15	12.001	SWMBIC14	2.8	0.498	0.155	0.2649	
60 minute summer	TANK	1.005	SWMBIC17	-14.4	0.482	-0.143	0.1723	

Results for 100 year +40% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	SWMBMN01	66	15.351	0.781	18.4	1.2921	0.0000	SURCHARGED
60 minute summer	SW911	28	13.642	0.023	2.5	0.0000	0.0000	OK
60 minute summer	SWMBRE07	1	15.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC16	1	15.485	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWMBIC17	64	15.351	0.671	15.0	0.1900	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	39.4
60 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0412	
60 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
60 minute summer	SWMBIC17	1.006	SWMBMN01	-15.0	-0.213	-0.190	1.5233	

Results for 100 year +40% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.24%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	SWMBRE04	124	15.494	0.144	0.3	0.0026	0.0000	OK
120 minute summer	SWMBIC08	124	15.494	0.464	8.7	0.3631	0.0000	SURCHARGED
120 minute summer	SWMBIC09	124	15.494	0.764	69.5	0.5515	0.0000	SURCHARGED
120 minute summer	SWMBRE03	2	15.550	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBIC06	126	15.493	0.313	9.4	0.2034	0.0000	SURCHARGED
120 minute summer	SWMBIC07	124	15.494	0.629	54.6	0.4859	0.0000	SURCHARGED
120 minute summer	SWMBRE02	64	15.581	0.031	1.6	0.0104	0.0000	OK
120 minute summer	SWMBIC05	64	15.529	0.054	4.7	0.0244	0.0000	OK
120 minute summer	SWMBRE01	64	15.728	0.028	1.2	0.0084	0.0000	OK
120 minute summer	SWMBIC01	64	15.692	0.042	2.4	0.0118	0.0000	OK
120 minute summer	SWMBIC02	64	15.641	0.041	2.4	0.0065	0.0000	OK
120 minute summer	SWMBIC03	128	15.493	0.133	25.7	0.1938	0.0000	OK
120 minute summer	SWMBRE05	64	15.814	0.059	6.2	0.0489	0.0000	OK
120 minute summer	SWMBIC04	124	15.493	0.223	36.6	0.2086	0.0000	OK
120 minute summer	SWMBIC10	126	15.494	0.129	9.3	0.1330	0.0000	OK
120 minute summer	SWMBIC12	126	15.494	0.354	13.6	0.1001	0.0000	SURCHARGED
120 minute summer	SWMBRE06	2	15.550	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBIC11	126	15.494	0.104	4.3	0.0493	0.0000	OK
120 minute summer	SWMBIC14	124	15.494	0.539	35.3	0.6035	0.0000	SURCHARGED
120 minute summer	SWMBIC13	64	15.571	0.036	4.3	0.0207	0.0000	OK
120 minute summer	SWMBRE08	2	15.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBRE09	2	15.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBRE10	126	15.494	0.199	1.9	0.0338	0.0000	SURCHARGED
120 minute summer	SWMBIC15	126	15.494	0.309	1.9	0.0491	0.0000	SURCHARGED
120 minute summer	TANK	124	15.494	0.794	111.7	206.0655	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	SWMBRE04	6.000	SWMBIC08	-0.3	-0.032	-0.023	0.6431	
120 minute summer	SWMBIC08	6.001	SWMBIC09	7.8	0.643	0.134	0.7146	
120 minute summer	SWMBIC09	1.004	TANK	68.9	1.167	0.985	0.5281	
120 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0669	
120 minute summer	SWMBIC06	4.002	SWMBIC07	9.1	0.925	0.539	0.3187	
120 minute summer	SWMBIC07	1.003	SWMBIC09	53.3	0.769	0.601	1.4902	
120 minute summer	SWMBRE02	4.000	SWMBIC05	1.6	0.396	0.092	0.0318	
120 minute summer	SWMBIC05	4.001	SWMBIC06	4.7	0.620	0.275	0.3518	
120 minute summer	SWMBRE01	2.000	SWMBIC01	1.2	0.389	0.074	0.0188	
120 minute summer	SWMBIC01	2.001	SWMBIC02	2.4	0.610	0.155	0.0257	
120 minute summer	SWMBIC02	2.002	SWMBIC03	2.4	0.636	0.152	0.0429	
120 minute summer	SWMBIC03	1.001	SWMBIC04	25.7	0.960	0.348	0.8778	
120 minute summer	SWMBRE05	1.000	SWMBIC03	6.2	0.762	0.147	0.3921	
120 minute summer	SWMBIC04	1.002	SWMBIC07	36.6	0.974	0.322	2.4624	
120 minute summer	SWMBIC10	9.000	SWMBIC12	9.3	0.843	0.159	0.5665	
120 minute summer	SWMBIC12	7.002	SWMBIC14	13.6	0.565	0.307	1.0078	
120 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0981	
120 minute summer	SWMBIC11	7.001	SWMBIC12	4.3	0.900	0.210	0.2020	
120 minute summer	SWMBIC14	7.003	TANK	34.0	1.098	0.803	0.2685	
120 minute summer	SWMBIC13	10.001	SWMBIC14	4.3	1.023	0.123	0.1365	
120 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0057	
120 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0118	
120 minute summer	SWMBRE10	12.000	SWMBIC15	1.9	0.762	0.068	0.0780	
120 minute summer	SWMBIC15	12.001	SWMBIC14	1.9	0.494	0.105	0.2649	
120 minute summer	TANK	1.005	SWMBIC17	-9.1	0.507	-0.090	0.1723	

Results for 100 year +40% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.24%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	SWMBMN01	124	15.495	0.925	12.4	1.5307	0.0000	SURCHARGED
120 minute summer	SW911	50	13.642	0.023	2.5	0.0000	0.0000	OK
120 minute summer	SWMBRE07	2	15.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWMBIC16	124	15.493	0.008	0.0	0.0013	0.0000	OK
120 minute summer	SWMBIC17	124	15.494	0.814	9.5	0.2303	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	50.3
120 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0812	
120 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	-0.014	-0.002	0.0292	
120 minute summer	SWMBIC17	1.006	SWMBMN01	-9.5	-0.135	-0.120	1.5233	

Results for 100 year +40% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.09%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	SWMBRE04	184	15.568	0.218	0.5	0.0039	0.0000	SURCHARGED
180 minute summer	SWMBIC08	184	15.568	0.538	6.6	0.4213	0.0000	SURCHARGED
180 minute summer	SWMBIC09	184	15.568	0.838	52.2	0.6051	0.0000	SURCHARGED
180 minute summer	SWMBRE03	184	15.568	0.018	0.0	0.0029	0.0000	OK
180 minute summer	SWMBIC06	184	15.568	0.388	7.0	0.2518	0.0000	SURCHARGED
180 minute summer	SWMBIC07	184	15.568	0.703	41.0	0.5434	0.0000	SURCHARGED
180 minute summer	SWMBRE02	96	15.577	0.027	1.2	0.0091	0.0000	OK
180 minute summer	SWMBIC05	184	15.568	0.093	3.5	0.0423	0.0000	OK
180 minute summer	SWMBRE01	96	15.724	0.024	0.9	0.0073	0.0000	OK
180 minute summer	SWMBIC01	96	15.686	0.036	1.8	0.0101	0.0000	OK
180 minute summer	SWMBIC02	96	15.635	0.035	1.8	0.0056	0.0000	OK
180 minute summer	SWMBIC03	184	15.568	0.208	19.4	0.3020	0.0000	OK
180 minute summer	SWMBRE05	96	15.806	0.051	4.7	0.0425	0.0000	OK
180 minute summer	SWMBIC04	184	15.568	0.298	27.6	0.2782	0.0000	OK
180 minute summer	SWMBIC10	184	15.568	0.203	7.0	0.2096	0.0000	OK
180 minute summer	SWMBIC12	184	15.568	0.428	10.3	0.1211	0.0000	SURCHARGED
180 minute summer	SWMBRE06	188	15.568	0.018	0.0	0.0028	0.0000	OK
180 minute summer	SWMBIC11	188	15.568	0.178	3.3	0.0845	0.0000	SURCHARGED
180 minute summer	SWMBIC14	184	15.568	0.613	26.7	0.6866	0.0000	SURCHARGED
180 minute summer	SWMBIC13	184	15.568	0.033	3.3	0.0191	0.0000	OK
180 minute summer	SWMBRE08	4	15.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBRE09	4	15.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBRE10	184	15.568	0.273	1.4	0.0464	0.0000	SURCHARGED
180 minute summer	SWMBIC15	184	15.568	0.383	1.4	0.0609	0.0000	SURCHARGED
180 minute summer	TANK	184	15.568	0.868	83.9	225.3152	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	SWMBRE04	6.000	SWMBIC08	-0.5	-0.045	-0.033	0.6472	
180 minute summer	SWMBIC08	6.001	SWMBIC09	5.4	0.596	0.094	0.7146	
180 minute summer	SWMBIC09	1.004	TANK	51.8	1.059	0.741	0.5281	
180 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.004	0.001	0.0715	
180 minute summer	SWMBIC06	4.002	SWMBIC07	6.8	0.851	0.403	0.3187	
180 minute summer	SWMBIC07	1.003	SWMBIC09	39.7	0.614	0.448	1.4902	
180 minute summer	SWMBRE02	4.000	SWMBIC05	1.2	0.366	0.069	0.0489	
180 minute summer	SWMBIC05	4.001	SWMBIC06	3.5	0.577	0.205	0.4630	
180 minute summer	SWMBRE01	2.000	SWMBIC01	0.9	0.360	0.056	0.0153	
180 minute summer	SWMBIC01	2.001	SWMBIC02	1.8	0.566	0.116	0.0207	
180 minute summer	SWMBIC02	2.002	SWMBIC03	1.8	0.587	0.114	0.0376	
180 minute summer	SWMBIC03	1.001	SWMBIC04	19.4	0.892	0.263	1.2424	
180 minute summer	SWMBRE05	1.000	SWMBIC03	4.7	0.705	0.111	0.6108	
180 minute summer	SWMBIC04	1.002	SWMBIC07	27.6	0.883	0.243	2.7361	
180 minute summer	SWMBIC10	9.000	SWMBIC12	7.0	0.777	0.120	0.6940	
180 minute summer	SWMBIC12	7.002	SWMBIC14	10.3	0.519	0.232	1.0078	
180 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	-0.003	-0.001	0.1418	
180 minute summer	SWMBIC11	7.001	SWMBIC12	3.3	0.838	0.161	0.2324	
180 minute summer	SWMBIC14	7.003	TANK	25.5	0.980	0.603	0.2685	
180 minute summer	SWMBIC13	10.001	SWMBIC14	3.3	1.015	0.095	0.1353	
180 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0051	
180 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0105	
180 minute summer	SWMBRE10	12.000	SWMBIC15	1.4	0.701	0.050	0.0780	
180 minute summer	SWMBIC15	12.001	SWMBIC14	1.4	0.473	0.078	0.2649	
180 minute summer	TANK	1.005	SWMBIC17	-6.5	0.511	-0.065	0.1723	

Results for 100 year +40% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.09%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	SWMBMN01	188	15.567	0.997	9.4	1.6496	0.0000	SURCHARGED
180 minute summer	SW911	192	13.642	0.023	2.6	0.0000	0.0000	OK
180 minute summer	SWMBRE07	4	15.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWMBIC16	184	15.568	0.083	0.0	0.0132	0.0000	OK
180 minute summer	SWMBIC17	188	15.567	0.887	6.8	0.2511	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	SWMBMN01	1.007	SW911	2.6	1.505	0.050	0.0197	59.9
180 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.1100	
180 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	-0.017	-0.003	0.0898	
180 minute summer	SWMBIC17	1.006	SWMBMN01	-6.8	0.126	-0.086	1.5233	

Results for 1 year Critical Storm Duration. Lowest mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMBRE04	4	15.350	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC08	124	15.050	0.020	0.9	0.0153	0.0000	OK
240 minute summer	SWMBIC09	164	14.799	0.069	7.3	0.0495	0.0000	OK
240 minute summer	SWMBRE03	4	15.550	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC06	124	15.204	0.024	1.0	0.0156	0.0000	OK
240 minute summer	SWMBIC07	124	14.915	0.050	5.5	0.0385	0.0000	OK
240 minute summer	SWMBRE02	124	15.561	0.011	0.2	0.0038	0.0000	OK
240 minute summer	SWMBIC05	124	15.492	0.017	0.5	0.0078	0.0000	OK
240 minute summer	SWMBRE01	112	15.709	0.009	0.1	0.0026	0.0000	OK
240 minute summer	SWMBIC01	104	15.662	0.012	0.2	0.0034	0.0000	OK
240 minute summer	SWMBIC02	112	15.612	0.012	0.2	0.0019	0.0000	OK
240 minute summer	SWMBIC03	124	15.398	0.038	2.5	0.0555	0.0000	OK
240 minute summer	SWMBRE05	128	15.774	0.019	0.6	0.0157	0.0000	OK
240 minute summer	SWMBIC04	124	15.306	0.036	3.6	0.0338	0.0000	OK
240 minute summer	SWMBIC10	124	15.385	0.020	0.9	0.0202	0.0000	OK
240 minute summer	SWMBIC12	128	15.166	0.026	1.3	0.0075	0.0000	OK
240 minute summer	SWMBRE06	4	15.550	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC11	128	15.405	0.015	0.4	0.0070	0.0000	OK
240 minute summer	SWMBIC14	124	15.001	0.046	3.5	0.0512	0.0000	OK
240 minute summer	SWMBIC13	124	15.546	0.011	0.4	0.0067	0.0000	OK
240 minute summer	SWMBRE08	4	15.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBRE09	4	15.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBRE10	124	15.304	0.009	0.2	0.0016	0.0000	OK
240 minute summer	SWMBIC15	128	15.196	0.011	0.2	0.0018	0.0000	OK
240 minute summer	TANK	168	14.798	0.098	10.7	25.5080	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
240 minute summer	SWMBIC08	6.001	SWMBIC09	0.9	0.536	0.015	0.0297	
240 minute summer	SWMBIC09	1.004	TANK	7.2	0.736	0.103	0.1205	
240 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0069	
240 minute summer	SWMBIC06	4.002	SWMBIC07	0.9	0.511	0.054	0.0326	
240 minute summer	SWMBIC07	1.003	SWMBIC09	5.4	0.562	0.061	0.2069	
240 minute summer	SWMBRE02	4.000	SWMBIC05	0.2	0.226	0.011	0.0065	
240 minute summer	SWMBIC05	4.001	SWMBIC06	0.5	0.324	0.028	0.0466	
240 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
240 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.347	0.013	0.0043	
240 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
240 minute summer	SWMBIC03	1.001	SWMBIC04	2.5	0.496	0.034	0.1016	
240 minute summer	SWMBRE05	1.000	SWMBIC03	0.6	0.383	0.014	0.0757	
240 minute summer	SWMBIC04	1.002	SWMBIC07	3.6	0.574	0.031	0.2423	
240 minute summer	SWMBIC10	9.000	SWMBIC12	0.9	0.426	0.015	0.0381	
240 minute summer	SWMBIC12	7.002	SWMBIC14	1.3	0.321	0.029	0.1060	
240 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0067	
240 minute summer	SWMBIC11	7.001	SWMBIC12	0.4	0.455	0.020	0.0116	
240 minute summer	SWMBIC14	7.003	TANK	3.5	0.628	0.082	0.0375	
240 minute summer	SWMBIC13	10.001	SWMBIC14	0.4	0.657	0.011	0.0081	
240 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0011	
240 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0023	
240 minute summer	SWMBRE10	12.000	SWMBIC15	0.2	0.413	0.007	0.0023	
240 minute summer	SWMBIC15	12.001	SWMBIC14	0.2	0.337	0.011	0.0089	
240 minute summer	TANK	1.005	SWMBIC17	2.4	0.496	0.024	0.0561	

Results for 1 year Critical Storm Duration. Lowest mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMBMN01	168	14.798	0.228	3.2	0.3777	0.0000	SURCHARGED
240 minute summer	SW911	168	13.641	0.022	2.5	0.0000	0.0000	OK
240 minute summer	SWMBRE07	4	15.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC16	4	15.485	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC17	168	14.798	0.118	2.4	0.0335	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	SWMBMN01	1.007	SW911	2.5	1.485	0.048	0.0191	42.8
240 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0055	
240 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
240 minute summer	SWMBIC17	1.006	SWMBMN01	2.4	0.148	0.030	0.9011	

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMBRE04	4	15.350	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC08	244	15.166	0.136	3.0	0.1067	0.0000	OK
240 minute summer	SWMBIC09	244	15.166	0.436	25.1	0.3150	0.0000	SURCHARGED
240 minute summer	SWMBRE03	4	15.550	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC06	124	15.225	0.045	3.2	0.0291	0.0000	OK
240 minute summer	SWMBIC07	244	15.166	0.301	18.9	0.2328	0.0000	SURCHARGED
240 minute summer	SWMBRE02	124	15.567	0.017	0.5	0.0060	0.0000	OK
240 minute summer	SWMBIC05	124	15.506	0.031	1.6	0.0140	0.0000	OK
240 minute summer	SWMBRE01	124	15.716	0.016	0.4	0.0050	0.0000	OK
240 minute summer	SWMBIC01	124	15.674	0.024	0.8	0.0067	0.0000	OK
240 minute summer	SWMBIC02	128	15.623	0.023	0.8	0.0037	0.0000	OK
240 minute summer	SWMBIC03	124	15.431	0.071	8.8	0.1039	0.0000	OK
240 minute summer	SWMBRE05	124	15.789	0.034	2.1	0.0283	0.0000	OK
240 minute summer	SWMBIC04	124	15.337	0.067	12.5	0.0622	0.0000	OK
240 minute summer	SWMBIC10	124	15.401	0.036	3.2	0.0368	0.0000	OK
240 minute summer	SWMBIC12	124	15.189	0.049	4.7	0.0138	0.0000	OK
240 minute summer	SWMBRE06	4	15.550	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC11	124	15.418	0.028	1.5	0.0132	0.0000	OK
240 minute summer	SWMBIC14	244	15.166	0.211	12.1	0.2366	0.0000	OK
240 minute summer	SWMBIC13	124	15.557	0.022	1.5	0.0125	0.0000	OK
240 minute summer	SWMBRE08	4	15.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBRE09	4	15.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBRE10	124	15.310	0.015	0.6	0.0026	0.0000	OK
240 minute summer	SWMBIC15	128	15.204	0.019	0.6	0.0030	0.0000	OK
240 minute summer	TANK	244	15.166	0.466	37.4	121.0173	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)
240 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.1243	
240 minute summer	SWMBIC08	6.001	SWMBIC09	3.0	0.623	0.051	0.5832	
240 minute summer	SWMBIC09	1.004	TANK	24.1	0.822	0.345	0.5281	
240 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0168	
240 minute summer	SWMBIC06	4.002	SWMBIC07	3.2	0.727	0.186	0.1673	
240 minute summer	SWMBIC07	1.003	SWMBIC09	18.8	0.608	0.212	1.4898	
240 minute summer	SWMBRE02	4.000	SWMBIC05	0.5	0.280	0.029	0.0145	
240 minute summer	SWMBIC05	4.001	SWMBIC06	1.6	0.456	0.093	0.1118	
240 minute summer	SWMBRE01	2.000	SWMBIC01	0.4	0.287	0.025	0.0085	
240 minute summer	SWMBIC01	2.001	SWMBIC02	0.8	0.454	0.052	0.0115	
240 minute summer	SWMBIC02	2.002	SWMBIC03	0.8	0.466	0.051	0.0195	
240 minute summer	SWMBIC03	1.001	SWMBIC04	8.7	0.715	0.118	0.2480	
240 minute summer	SWMBRE05	1.000	SWMBIC03	2.1	0.555	0.049	0.1800	
240 minute summer	SWMBIC04	1.002	SWMBIC07	12.5	0.832	0.110	1.4100	
240 minute summer	SWMBIC10	9.000	SWMBIC12	3.2	0.620	0.055	0.0927	
240 minute summer	SWMBIC12	7.002	SWMBIC14	4.6	0.451	0.105	0.5232	
240 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0170	
240 minute summer	SWMBIC11	7.001	SWMBIC12	1.5	0.669	0.073	0.0293	
240 minute summer	SWMBIC14	7.003	TANK	12.1	0.875	0.285	0.2650	
240 minute summer	SWMBIC13	10.001	SWMBIC14	1.5	0.975	0.043	0.1126	
240 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0028	
240 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0057	
240 minute summer	SWMBRE10	12.000	SWMBIC15	0.6	0.546	0.021	0.0049	
240 minute summer	SWMBIC15	12.001	SWMBIC14	0.6	0.470	0.033	0.1288	
240 minute summer	TANK	1.005	SWMBIC17	5.6	0.500	0.056	0.1723	

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMBMN01	244	15.166	0.596	4.3	0.9855	0.0000	SURCHARGED
240 minute summer	SW911	116	13.642	0.023	2.5	0.0000	0.0000	OK
240 minute summer	SWMBRE07	4	15.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC16	4	15.485	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC17	244	15.163	0.483	5.6	0.1368	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)
240 minute summer	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	59.7
240 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0141	
240 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
240 minute summer	SWMBIC17	1.006	SWMBMN01	2.8	0.137	0.035	1.5233	

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 98.31%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	SWMBRE04	480	16.000	0.650	0.4	0.0117	0.0000	FLOOD RISK
480 minute summer	SWMBIC08	472	16.000	0.970	3.2	0.7598	0.0000	FLOOD RISK
480 minute summer	SWMBIC09	472	16.000	1.270	25.7	0.9173	0.0000	FLOOD RISK
480 minute summer	SWMBRE03	480	16.000	0.450	0.3	0.0715	0.0000	FLOOD RISK
480 minute summer	SWMBIC06	472	16.000	0.820	3.5	0.5322	0.7865	FLOOD
480 minute summer	SWMBIC07	472	16.001	1.136	20.4	0.8781	0.0000	FLOOD RISK
480 minute summer	SWMBRE02	480	16.000	0.450	0.6	0.1535	0.0000	FLOOD RISK
480 minute summer	SWMBIC05	480	16.000	0.525	1.8	0.2389	0.0000	FLOOD RISK
480 minute summer	SWMBRE01	472	16.001	0.301	0.5	0.0916	0.0000	FLOOD RISK
480 minute summer	SWMBIC01	472	16.001	0.351	1.0	0.0991	0.0000	FLOOD RISK
480 minute summer	SWMBIC02	472	16.001	0.401	1.0	0.0638	0.0000	FLOOD RISK
480 minute summer	SWMBIC03	472	16.001	0.641	9.6	0.9319	0.0000	FLOOD RISK
480 minute summer	SWMBRE05	472	16.002	0.247	2.3	0.2058	0.0000	SURCHARGED
480 minute summer	SWMBIC04	472	16.001	0.731	13.6	0.6830	0.0000	SURCHARGED
480 minute summer	SWMBIC10	472	16.001	0.636	3.5	0.6565	0.0000	FLOOD RISK
480 minute summer	SWMBIC12	472	16.001	0.861	5.1	0.2435	0.0000	FLOOD RISK
480 minute summer	SWMBRE06	464	16.001	0.451	0.2	0.0717	0.0000	SURCHARGED
480 minute summer	SWMBIC11	464	16.001	0.611	1.6	0.2902	0.0000	FLOOD RISK
480 minute summer	SWMBIC14	472	16.001	1.046	13.1	1.1710	0.0000	FLOOD RISK
480 minute summer	SWMBIC13	472	16.000	0.465	1.6	0.2700	0.0000	FLOOD RISK
480 minute summer	SWMBRE08	472	16.000	0.400	0.2	0.0637	0.0000	FLOOD RISK
480 minute summer	SWMBRE09	472	16.001	0.401	0.2	0.0637	0.0000	FLOOD RISK
480 minute summer	SWMBRE10	472	16.001	0.706	0.7	0.1200	0.0000	FLOOD RISK
480 minute summer	SWMBIC15	472	16.001	0.816	0.7	0.1297	0.0000	FLOOD RISK
480 minute summer	TANK	472	16.001	1.301	40.0	237.4080	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	SWMBRE04	6.000	SWMBIC08	-0.4	-0.022	-0.026	0.6472	
480 minute summer	SWMBIC08	6.001	SWMBIC09	2.7	0.496	0.047	0.7146	
480 minute summer	SWMBIC09	1.004	TANK	25.6	0.846	0.365	0.5281	
480 minute summer	SWMBRE03	5.000	SWMBIC06	-0.3	-0.016	-0.007	0.1338	
480 minute summer	SWMBIC06	4.002	SWMBIC07	3.4	0.685	0.203	0.3187	
480 minute summer	SWMBIC07	1.003	SWMBIC09	19.7	0.464	0.223	1.4902	
480 minute summer	SWMBRE02	4.000	SWMBIC05	0.6	0.296	0.034	0.1362	
480 minute summer	SWMBIC05	4.001	SWMBIC06	1.8	0.486	0.105	0.5608	
480 minute summer	SWMBRE01	2.000	SWMBIC01	0.5	0.306	0.031	0.1064	
480 minute summer	SWMBIC01	2.001	SWMBIC02	1.0	0.483	0.064	0.1148	
480 minute summer	SWMBIC02	2.002	SWMBIC03	1.0	0.496	0.063	0.2001	
480 minute summer	SWMBIC03	1.001	SWMBIC04	9.6	0.737	0.130	1.4293	
480 minute summer	SWMBRE05	1.000	SWMBIC03	2.3	0.573	0.054	1.9199	
480 minute summer	SWMBIC04	1.002	SWMBIC07	13.6	0.683	0.120	2.7377	
480 minute summer	SWMBIC10	9.000	SWMBIC12	3.5	0.638	0.060	0.7124	
480 minute summer	SWMBIC12	7.002	SWMBIC14	5.0	0.397	0.114	1.0078	
480 minute summer	SWMBRE06	7.000	SWMBIC11	-0.2	0.010	-0.009	0.2657	
480 minute summer	SWMBIC11	7.001	SWMBIC12	1.6	0.682	0.079	0.2324	
480 minute summer	SWMBIC14	7.003	TANK	12.3	0.764	0.291	0.2685	
480 minute summer	SWMBIC13	10.001	SWMBIC14	1.6	0.912	0.046	0.2328	
480 minute summer	SWMBRE08	11.000	SWMBIC13	-0.2	-0.021	-0.010	0.0628	
480 minute summer	SWMBRE09	10.000	SWMBIC13	-0.2	-0.019	-0.014	0.1297	
480 minute summer	SWMBRE10	12.000	SWMBIC15	0.7	0.573	0.025	0.0780	
480 minute summer	SWMBIC15	12.001	SWMBIC14	0.7	0.442	0.038	0.2649	
480 minute summer	TANK	1.005	SWMBIC17	10.2	0.482	0.101	0.1723	

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 98.31%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	SWMBMN01	472	16.000	1.430	4.6	2.3653	0.0000	FLOOD RISK
480 minute summer	SW911	472	13.644	0.025	3.0	0.0000	0.0000	OK
480 minute summer	SWMBRE07	472	16.000	0.400	0.1	0.0072	0.0000	FLOOD RISK
480 minute summer	SWMBIC16	472	16.001	0.516	0.2	0.0821	0.0000	FLOOD RISK
480 minute summer	SWMBIC17	472	16.000	1.320	10.2	0.3736	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	SWMBMN01	1.007	SW911	3.0	1.577	0.059	0.0222	106.4
480 minute summer	SWMBRE07	8.000	SWMBIC11	-0.1	-0.008	-0.006	0.2201	
480 minute summer	SWMBIC16	3.000	SWMBIC04	0.2	-0.023	0.009	0.1148	
480 minute summer	SWMBIC17	1.006	SWMBMN01	3.5	0.140	0.044	1.5233	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMBRE04	4	15.350	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC08	124	15.050	0.020	0.9	0.0153	0.0000	OK
240 minute summer	SWMBIC09	164	14.799	0.069	7.3	0.0495	0.0000	OK
240 minute summer	SWMBRE03	4	15.550	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC06	124	15.204	0.024	1.0	0.0156	0.0000	OK
240 minute summer	SWMBIC07	124	14.915	0.050	5.5	0.0385	0.0000	OK
240 minute summer	SWMBRE02	124	15.561	0.011	0.2	0.0038	0.0000	OK
240 minute summer	SWMBIC05	124	15.492	0.017	0.5	0.0078	0.0000	OK
240 minute summer	SWMBRE01	112	15.709	0.009	0.1	0.0026	0.0000	OK
240 minute summer	SWMBIC01	104	15.662	0.012	0.2	0.0034	0.0000	OK
240 minute summer	SWMBIC02	112	15.612	0.012	0.2	0.0019	0.0000	OK
240 minute summer	SWMBIC03	124	15.398	0.038	2.5	0.0555	0.0000	OK
240 minute summer	SWMBRE05	128	15.774	0.019	0.6	0.0157	0.0000	OK
240 minute summer	SWMBIC04	124	15.306	0.036	3.6	0.0338	0.0000	OK
240 minute summer	SWMBIC10	124	15.385	0.020	0.9	0.0202	0.0000	OK
240 minute summer	SWMBIC12	128	15.166	0.026	1.3	0.0075	0.0000	OK
240 minute summer	SWMBRE06	4	15.550	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC11	128	15.405	0.015	0.4	0.0070	0.0000	OK
240 minute summer	SWMBIC14	124	15.001	0.046	3.5	0.0512	0.0000	OK
240 minute summer	SWMBIC13	124	15.546	0.011	0.4	0.0067	0.0000	OK
240 minute summer	SWMBRE08	4	15.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBRE09	4	15.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBRE10	124	15.304	0.009	0.2	0.0016	0.0000	OK
240 minute summer	SWMBIC15	128	15.196	0.011	0.2	0.0018	0.0000	OK
240 minute summer	TANK	168	14.798	0.098	10.7	25.5080	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
240 minute summer	SWMBIC08	6.001	SWMBIC09	0.9	0.536	0.015	0.0297	
240 minute summer	SWMBIC09	1.004	TANK	7.2	0.736	0.103	0.1205	
240 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0069	
240 minute summer	SWMBIC06	4.002	SWMBIC07	0.9	0.511	0.054	0.0326	
240 minute summer	SWMBIC07	1.003	SWMBIC09	5.4	0.562	0.061	0.2069	
240 minute summer	SWMBRE02	4.000	SWMBIC05	0.2	0.226	0.011	0.0065	
240 minute summer	SWMBIC05	4.001	SWMBIC06	0.5	0.324	0.028	0.0466	
240 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
240 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.347	0.013	0.0043	
240 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
240 minute summer	SWMBIC03	1.001	SWMBIC04	2.5	0.496	0.034	0.1016	
240 minute summer	SWMBRE05	1.000	SWMBIC03	0.6	0.383	0.014	0.0757	
240 minute summer	SWMBIC04	1.002	SWMBIC07	3.6	0.574	0.031	0.2423	
240 minute summer	SWMBIC10	9.000	SWMBIC12	0.9	0.426	0.015	0.0381	
240 minute summer	SWMBIC12	7.002	SWMBIC14	1.3	0.321	0.029	0.1060	
240 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0067	
240 minute summer	SWMBIC11	7.001	SWMBIC12	0.4	0.455	0.020	0.0116	
240 minute summer	SWMBIC14	7.003	TANK	3.5	0.628	0.082	0.0375	
240 minute summer	SWMBIC13	10.001	SWMBIC14	0.4	0.657	0.011	0.0081	
240 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0011	
240 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0023	
240 minute summer	SWMBRE10	12.000	SWMBIC15	0.2	0.413	0.007	0.0023	
240 minute summer	SWMBIC15	12.001	SWMBIC14	0.2	0.337	0.011	0.0089	
240 minute summer	TANK	1.005	SWMBIC17	2.4	0.496	0.024	0.0561	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMBMN01	168	14.798	0.228	3.2	0.3777	0.0000	SURCHARGED
240 minute summer	SW911	168	13.641	0.022	2.5	0.0000	0.0000	OK
240 minute summer	SWMBRE07	4	15.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC16	4	15.485	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC17	168	14.798	0.118	2.4	0.0335	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	SWMBMN01	1.007	SW911	2.5	1.485	0.048	0.0191	42.8
240 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0055	
240 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
240 minute summer	SWMBIC17	1.006	SWMBMN01	2.4	0.148	0.030	0.9011	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	SWMBRE04	8	15.350	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBIC08	184	15.047	0.017	0.7	0.0136	0.0000	OK
360 minute summer	SWMBIC09	240	14.798	0.068	5.8	0.0494	0.0000	OK
360 minute summer	SWMBRE03	8	15.550	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBIC06	184	15.201	0.021	0.7	0.0135	0.0000	OK
360 minute summer	SWMBIC07	184	14.910	0.045	4.4	0.0347	0.0000	OK
360 minute summer	SWMBRE02	168	15.558	0.008	0.1	0.0028	0.0000	OK
360 minute summer	SWMBIC05	184	15.489	0.014	0.3	0.0063	0.0000	OK
360 minute summer	SWMBRE01	176	15.709	0.009	0.1	0.0026	0.0000	OK
360 minute summer	SWMBIC01	168	15.662	0.012	0.2	0.0034	0.0000	OK
360 minute summer	SWMBIC02	176	15.612	0.012	0.2	0.0019	0.0000	OK
360 minute summer	SWMBIC03	184	15.395	0.035	2.1	0.0508	0.0000	OK
360 minute summer	SWMBRE05	184	15.772	0.017	0.5	0.0141	0.0000	OK
360 minute summer	SWMBIC04	184	15.303	0.033	3.0	0.0309	0.0000	OK
360 minute summer	SWMBIC10	184	15.382	0.017	0.7	0.0179	0.0000	OK
360 minute summer	SWMBIC12	184	15.163	0.023	1.0	0.0066	0.0000	OK
360 minute summer	SWMBRE06	8	15.550	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBIC11	192	15.403	0.013	0.3	0.0061	0.0000	OK
360 minute summer	SWMBIC14	184	14.994	0.039	2.6	0.0439	0.0000	OK
360 minute summer	SWMBIC13	184	15.545	0.010	0.3	0.0058	0.0000	OK
360 minute summer	SWMBRE08	8	15.600	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBRE09	8	15.600	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBRE10	152	15.302	0.007	0.1	0.0011	0.0000	OK
360 minute summer	SWMBIC15	160	15.193	0.008	0.1	0.0013	0.0000	OK
360 minute summer	TANK	240	14.798	0.098	8.4	25.4945	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
360 minute summer	SWMBIC08	6.001	SWMBIC09	0.7	0.496	0.012	0.0251	
360 minute summer	SWMBIC09	1.004	TANK	5.8	0.628	0.083	0.1204	
360 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0056	
360 minute summer	SWMBIC06	4.002	SWMBIC07	0.7	0.469	0.040	0.0265	
360 minute summer	SWMBIC07	1.003	SWMBIC09	4.4	0.516	0.049	0.1800	
360 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0046	
360 minute summer	SWMBIC05	4.001	SWMBIC06	0.3	0.283	0.018	0.0364	
360 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
360 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
360 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
360 minute summer	SWMBIC03	1.001	SWMBIC04	2.1	0.470	0.028	0.0890	
360 minute summer	SWMBRE05	1.000	SWMBIC03	0.5	0.356	0.011	0.0648	
360 minute summer	SWMBIC04	1.002	SWMBIC07	2.9	0.546	0.026	0.2094	
360 minute summer	SWMBIC10	9.000	SWMBIC12	0.7	0.397	0.012	0.0316	
360 minute summer	SWMBIC12	7.002	SWMBIC14	1.0	0.298	0.022	0.0856	
360 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0055	
360 minute summer	SWMBIC11	7.001	SWMBIC12	0.3	0.418	0.015	0.0095	
360 minute summer	SWMBIC14	7.003	TANK	2.6	0.576	0.061	0.0301	
360 minute summer	SWMBIC13	10.001	SWMBIC14	0.3	0.602	0.009	0.0066	
360 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0009	
360 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0018	
360 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.327	0.004	0.0014	
360 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
360 minute summer	TANK	1.005	SWMBIC17	2.3	0.499	0.023	0.0560	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	SWMBMN01	240	14.798	0.228	2.8	0.3772	0.0000	SURCHARGED
360 minute summer	SW911	240	13.641	0.022	2.5	0.0000	0.0000	OK
360 minute summer	SWMBRE07	8	15.600	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBIC16	8	15.485	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBIC17	240	14.798	0.118	2.3	0.0334	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	SWMBMN01	1.007	SW911	2.5	1.485	0.048	0.0191	49.8
360 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0045	
360 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
360 minute summer	SWMBIC17	1.006	SWMBMN01	2.4	0.148	0.030	0.9001	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	SWMBRE04	8	15.350	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBIC08	240	15.045	0.015	0.5	0.0118	0.0000	OK
480 minute summer	SWMBIC09	304	14.795	0.065	4.7	0.0468	0.0000	OK
480 minute summer	SWMBRE03	8	15.550	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBIC06	248	15.200	0.019	0.6	0.0127	0.0000	OK
480 minute summer	SWMBIC07	248	14.906	0.041	3.6	0.0317	0.0000	OK
480 minute summer	SWMBRE02	224	15.558	0.008	0.1	0.0028	0.0000	OK
480 minute summer	SWMBIC05	248	15.489	0.014	0.3	0.0063	0.0000	OK
480 minute summer	SWMBRE01	232	15.709	0.009	0.1	0.0026	0.0000	OK
480 minute summer	SWMBIC01	224	15.662	0.012	0.2	0.0034	0.0000	OK
480 minute summer	SWMBIC02	232	15.612	0.012	0.2	0.0019	0.0000	OK
480 minute summer	SWMBIC03	248	15.392	0.032	1.7	0.0463	0.0000	OK
480 minute summer	SWMBRE05	248	15.771	0.016	0.4	0.0131	0.0000	OK
480 minute summer	SWMBIC04	248	15.300	0.030	2.4	0.0281	0.0000	OK
480 minute summer	SWMBIC10	248	15.381	0.016	0.6	0.0167	0.0000	OK
480 minute summer	SWMBIC12	248	15.162	0.022	0.9	0.0063	0.0000	OK
480 minute summer	SWMBRE06	8	15.550	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBIC11	248	15.403	0.013	0.3	0.0061	0.0000	OK
480 minute summer	SWMBIC14	248	14.992	0.037	2.3	0.0414	0.0000	OK
480 minute summer	SWMBIC13	248	15.545	0.010	0.3	0.0058	0.0000	OK
480 minute summer	SWMBRE08	8	15.600	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBRE09	8	15.600	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBRE10	208	15.302	0.007	0.1	0.0011	0.0000	OK
480 minute summer	SWMBIC15	216	15.193	0.008	0.1	0.0013	0.0000	OK
480 minute summer	TANK	312	14.795	0.094	7.0	24.5255	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
480 minute summer	SWMBIC08	6.001	SWMBIC09	0.5	0.449	0.009	0.0200	
480 minute summer	SWMBIC09	1.004	TANK	4.7	0.571	0.067	0.1131	
480 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0051	
480 minute summer	SWMBIC06	4.002	SWMBIC07	0.6	0.451	0.035	0.0241	
480 minute summer	SWMBIC07	1.003	SWMBIC09	3.6	0.490	0.041	0.1566	
480 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0046	
480 minute summer	SWMBIC05	4.001	SWMBIC06	0.3	0.283	0.018	0.0342	
480 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
480 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
480 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
480 minute summer	SWMBIC03	1.001	SWMBIC04	1.7	0.445	0.023	0.0775	
480 minute summer	SWMBRE05	1.000	SWMBIC03	0.4	0.341	0.009	0.0565	
480 minute summer	SWMBIC04	1.002	SWMBIC07	2.4	0.514	0.021	0.1830	
480 minute summer	SWMBIC10	9.000	SWMBIC12	0.6	0.374	0.010	0.0292	
480 minute summer	SWMBIC12	7.002	SWMBIC14	0.9	0.294	0.020	0.0793	
480 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0055	
480 minute summer	SWMBIC11	7.001	SWMBIC12	0.3	0.418	0.015	0.0095	
480 minute summer	SWMBIC14	7.003	TANK	2.3	0.559	0.054	0.0278	
480 minute summer	SWMBIC13	10.001	SWMBIC14	0.3	0.602	0.009	0.0066	
480 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0009	
480 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0018	
480 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.327	0.004	0.0014	
480 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
480 minute summer	TANK	1.005	SWMBIC17	2.3	0.503	0.023	0.0534	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	SWMBMN01	304	14.794	0.224	2.7	0.3709	0.0000	SURCHARGED
480 minute summer	SW911	304	13.641	0.022	2.5	0.0000	0.0000	OK
480 minute summer	SWMBRE07	8	15.600	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBIC16	8	15.485	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBIC17	304	14.794	0.114	2.3	0.0324	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	SWMBMN01	1.007	SW911	2.5	1.484	0.048	0.0190	55.9
480 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0045	
480 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
480 minute summer	SWMBIC17	1.006	SWMBMN01	2.3	0.148	0.030	0.8777	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	SWMBRE04	15	15.350	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBIC08	315	15.045	0.015	0.5	0.0118	0.0000	OK
600 minute summer	SWMBIC09	375	14.787	0.057	4.0	0.0414	0.0000	OK
600 minute summer	SWMBRE03	15	15.550	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBIC06	315	15.198	0.018	0.5	0.0116	0.0000	OK
600 minute summer	SWMBIC07	315	14.903	0.038	3.0	0.0290	0.0000	OK
600 minute summer	SWMBRE02	285	15.558	0.008	0.1	0.0028	0.0000	OK
600 minute summer	SWMBIC05	315	15.489	0.014	0.3	0.0063	0.0000	OK
600 minute summer	SWMBRE01	300	15.709	0.009	0.1	0.0026	0.0000	OK
600 minute summer	SWMBIC01	300	15.662	0.012	0.2	0.0034	0.0000	OK
600 minute summer	SWMBIC02	300	15.612	0.012	0.2	0.0019	0.0000	OK
600 minute summer	SWMBIC03	315	15.389	0.029	1.4	0.0422	0.0000	OK
600 minute summer	SWMBRE05	315	15.769	0.014	0.3	0.0115	0.0000	OK
600 minute summer	SWMBIC04	315	15.298	0.028	2.0	0.0258	0.0000	OK
600 minute summer	SWMBIC10	315	15.380	0.015	0.5	0.0154	0.0000	OK
600 minute summer	SWMBIC12	315	15.160	0.020	0.7	0.0056	0.0000	OK
600 minute summer	SWMBRE06	15	15.550	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBIC11	300	15.401	0.011	0.2	0.0051	0.0000	OK
600 minute summer	SWMBIC14	315	14.988	0.033	1.8	0.0366	0.0000	OK
600 minute summer	SWMBIC13	300	15.543	0.008	0.2	0.0048	0.0000	OK
600 minute summer	SWMBRE08	15	15.600	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBRE09	15	15.600	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBRE10	285	15.302	0.007	0.1	0.0011	0.0000	OK
600 minute summer	SWMBIC15	285	15.193	0.008	0.1	0.0013	0.0000	OK
600 minute summer	TANK	375	14.787	0.087	5.8	22.5850	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
600 minute summer	SWMBIC08	6.001	SWMBIC09	0.5	0.449	0.009	0.0200	
600 minute summer	SWMBIC09	1.004	TANK	4.0	0.546	0.057	0.0987	
600 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0045	
600 minute summer	SWMBIC06	4.002	SWMBIC07	0.5	0.427	0.030	0.0212	
600 minute summer	SWMBIC07	1.003	SWMBIC09	3.0	0.465	0.034	0.1376	
600 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0046	
600 minute summer	SWMBIC05	4.001	SWMBIC06	0.3	0.304	0.018	0.0317	
600 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
600 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
600 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
600 minute summer	SWMBIC03	1.001	SWMBIC04	1.4	0.419	0.019	0.0679	
600 minute summer	SWMBRE05	1.000	SWMBIC03	0.3	0.315	0.007	0.0460	
600 minute summer	SWMBIC04	1.002	SWMBIC07	2.0	0.487	0.018	0.1611	
600 minute summer	SWMBIC10	9.000	SWMBIC12	0.5	0.359	0.009	0.0250	
600 minute summer	SWMBIC12	7.002	SWMBIC14	0.7	0.273	0.016	0.0663	
600 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0041	
600 minute summer	SWMBIC11	7.001	SWMBIC12	0.2	0.368	0.010	0.0072	
600 minute summer	SWMBIC14	7.003	TANK	1.8	0.521	0.043	0.0233	
600 minute summer	SWMBIC13	10.001	SWMBIC14	0.2	0.531	0.006	0.0050	
600 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0007	
600 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0014	
600 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.320	0.004	0.0014	
600 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
600 minute summer	TANK	1.005	SWMBIC17	2.3	0.486	0.023	0.0482	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	SWMBMN01	375	14.787	0.217	2.6	0.3585	0.0000	SURCHARGED
600 minute summer	SW911	375	13.641	0.022	2.5	0.0000	0.0000	OK
600 minute summer	SWMBRE07	15	15.600	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBIC16	15	15.485	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBIC17	375	14.787	0.107	2.3	0.0302	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	SWMBMN01	1.007	SW911	2.5	1.482	0.048	0.0190	57.6
600 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0034	
600 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
600 minute summer	SWMBIC17	1.006	SWMBMN01	2.3	0.142	0.029	0.8329	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	SWMBRE04	15	15.350	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBIC08	375	15.043	0.013	0.4	0.0106	0.0000	OK
720 minute summer	SWMBIC09	435	14.778	0.048	3.4	0.0348	0.0000	OK
720 minute summer	SWMBRE03	15	15.550	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBIC06	375	15.196	0.016	0.4	0.0104	0.0000	OK
720 minute summer	SWMBIC07	375	14.900	0.035	2.6	0.0271	0.0000	OK
720 minute summer	SWMBRE02	360	15.558	0.008	0.1	0.0028	0.0000	OK
720 minute summer	SWMBIC05	360	15.486	0.011	0.2	0.0052	0.0000	OK
720 minute summer	SWMBRE01	375	15.709	0.009	0.1	0.0026	0.0000	OK
720 minute summer	SWMBIC01	375	15.662	0.012	0.2	0.0034	0.0000	OK
720 minute summer	SWMBIC02	375	15.612	0.012	0.2	0.0019	0.0000	OK
720 minute summer	SWMBIC03	375	15.388	0.028	1.3	0.0408	0.0000	OK
720 minute summer	SWMBRE05	375	15.769	0.014	0.3	0.0115	0.0000	OK
720 minute summer	SWMBIC04	375	15.296	0.026	1.8	0.0246	0.0000	OK
720 minute summer	SWMBIC10	360	15.378	0.013	0.4	0.0138	0.0000	OK
720 minute summer	SWMBIC12	360	15.158	0.018	0.6	0.0052	0.0000	OK
720 minute summer	SWMBRE06	15	15.550	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBIC11	360	15.401	0.011	0.2	0.0051	0.0000	OK
720 minute summer	SWMBIC14	375	14.986	0.031	1.6	0.0345	0.0000	OK
720 minute summer	SWMBIC13	360	15.543	0.008	0.2	0.0048	0.0000	OK
720 minute summer	SWMBRE08	15	15.600	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBRE09	15	15.600	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBRE10	345	15.302	0.007	0.1	0.0011	0.0000	OK
720 minute summer	SWMBIC15	345	15.193	0.008	0.1	0.0013	0.0000	OK
720 minute summer	TANK	435	14.778	0.078	5.0	20.1288	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
720 minute summer	SWMBIC08	6.001	SWMBIC09	0.4	0.419	0.007	0.0172	
720 minute summer	SWMBIC09	1.004	TANK	3.4	0.496	0.049	0.0814	
720 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0038	
720 minute summer	SWMBIC06	4.002	SWMBIC07	0.4	0.399	0.024	0.0181	
720 minute summer	SWMBIC07	1.003	SWMBIC09	2.6	0.453	0.029	0.1222	
720 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0038	
720 minute summer	SWMBIC05	4.001	SWMBIC06	0.2	0.249	0.012	0.0258	
720 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
720 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
720 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
720 minute summer	SWMBIC03	1.001	SWMBIC04	1.3	0.414	0.018	0.0638	
720 minute summer	SWMBRE05	1.000	SWMBIC03	0.3	0.315	0.007	0.0460	
720 minute summer	SWMBIC04	1.002	SWMBIC07	1.8	0.478	0.016	0.1473	
720 minute summer	SWMBIC10	9.000	SWMBIC12	0.4	0.331	0.007	0.0221	
720 minute summer	SWMBIC12	7.002	SWMBIC14	0.6	0.264	0.014	0.0605	
720 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0041	
720 minute summer	SWMBIC11	7.001	SWMBIC12	0.2	0.368	0.010	0.0072	
720 minute summer	SWMBIC14	7.003	TANK	1.6	0.504	0.038	0.0214	
720 minute summer	SWMBIC13	10.001	SWMBIC14	0.2	0.531	0.006	0.0050	
720 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0007	
720 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0014	
720 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.320	0.004	0.0014	
720 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
720 minute summer	TANK	1.005	SWMBIC17	2.3	0.492	0.023	0.0419	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	SWMBMN01	435	14.777	0.207	2.5	0.3429	0.0000	SURCHARGED
720 minute summer	SW911	435	13.641	0.022	2.4	0.0000	0.0000	OK
720 minute summer	SWMBRE07	15	15.600	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBIC16	15	15.485	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBIC17	435	14.777	0.097	2.3	0.0276	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	SWMBMN01	1.007	SW911	2.4	1.479	0.047	0.0189	58.4
720 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0034	
720 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
720 minute summer	SWMBIC17	1.006	SWMBMN01	2.3	0.142	0.029	0.7760	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMBRE04	4	15.350	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC08	244	15.166	0.136	3.0	0.1067	0.0000	OK
240 minute summer	SWMBIC09	244	15.166	0.436	25.1	0.3150	0.0000	SURCHARGED
240 minute summer	SWMBRE03	4	15.550	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC06	124	15.225	0.045	3.2	0.0291	0.0000	OK
240 minute summer	SWMBIC07	244	15.166	0.301	18.9	0.2328	0.0000	SURCHARGED
240 minute summer	SWMBRE02	124	15.567	0.017	0.5	0.0060	0.0000	OK
240 minute summer	SWMBIC05	124	15.506	0.031	1.6	0.0140	0.0000	OK
240 minute summer	SWMBRE01	124	15.716	0.016	0.4	0.0050	0.0000	OK
240 minute summer	SWMBIC01	124	15.674	0.024	0.8	0.0067	0.0000	OK
240 minute summer	SWMBIC02	128	15.623	0.023	0.8	0.0037	0.0000	OK
240 minute summer	SWMBIC03	124	15.431	0.071	8.8	0.1039	0.0000	OK
240 minute summer	SWMBRE05	124	15.789	0.034	2.1	0.0283	0.0000	OK
240 minute summer	SWMBIC04	124	15.337	0.067	12.5	0.0622	0.0000	OK
240 minute summer	SWMBIC10	124	15.401	0.036	3.2	0.0368	0.0000	OK
240 minute summer	SWMBIC12	124	15.189	0.049	4.7	0.0138	0.0000	OK
240 minute summer	SWMBRE06	4	15.550	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC11	124	15.418	0.028	1.5	0.0132	0.0000	OK
240 minute summer	SWMBIC14	244	15.166	0.211	12.1	0.2366	0.0000	OK
240 minute summer	SWMBIC13	124	15.557	0.022	1.5	0.0125	0.0000	OK
240 minute summer	SWMBRE08	4	15.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBRE09	4	15.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBRE10	124	15.310	0.015	0.6	0.0026	0.0000	OK
240 minute summer	SWMBIC15	128	15.204	0.019	0.6	0.0030	0.0000	OK
240 minute summer	TANK	244	15.166	0.466	37.4	121.0173	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.1243	
240 minute summer	SWMBIC08	6.001	SWMBIC09	3.0	0.623	0.051	0.5832	
240 minute summer	SWMBIC09	1.004	TANK	24.1	0.822	0.345	0.5281	
240 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0168	
240 minute summer	SWMBIC06	4.002	SWMBIC07	3.2	0.727	0.186	0.1673	
240 minute summer	SWMBIC07	1.003	SWMBIC09	18.8	0.608	0.212	1.4898	
240 minute summer	SWMBRE02	4.000	SWMBIC05	0.5	0.280	0.029	0.0145	
240 minute summer	SWMBIC05	4.001	SWMBIC06	1.6	0.456	0.093	0.1118	
240 minute summer	SWMBRE01	2.000	SWMBIC01	0.4	0.287	0.025	0.0085	
240 minute summer	SWMBIC01	2.001	SWMBIC02	0.8	0.454	0.052	0.0115	
240 minute summer	SWMBIC02	2.002	SWMBIC03	0.8	0.466	0.051	0.0195	
240 minute summer	SWMBIC03	1.001	SWMBIC04	8.7	0.715	0.118	0.2480	
240 minute summer	SWMBRE05	1.000	SWMBIC03	2.1	0.555	0.049	0.1800	
240 minute summer	SWMBIC04	1.002	SWMBIC07	12.5	0.832	0.110	1.4100	
240 minute summer	SWMBIC10	9.000	SWMBIC12	3.2	0.620	0.055	0.0927	
240 minute summer	SWMBIC12	7.002	SWMBIC14	4.6	0.451	0.105	0.5232	
240 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0170	
240 minute summer	SWMBIC11	7.001	SWMBIC12	1.5	0.669	0.073	0.0293	
240 minute summer	SWMBIC14	7.003	TANK	12.1	0.875	0.285	0.2650	
240 minute summer	SWMBIC13	10.001	SWMBIC14	1.5	0.975	0.043	0.1126	
240 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0028	
240 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0057	
240 minute summer	SWMBRE10	12.000	SWMBIC15	0.6	0.546	0.021	0.0049	
240 minute summer	SWMBIC15	12.001	SWMBIC14	0.6	0.470	0.033	0.1288	
240 minute summer	TANK	1.005	SWMBIC17	5.6	0.500	0.056	0.1723	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMBMN01	244	15.166	0.596	4.3	0.9855	0.0000	SURCHARGED
240 minute summer	SW911	116	13.642	0.023	2.5	0.0000	0.0000	OK
240 minute summer	SWMBRE07	4	15.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC16	4	15.485	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWMBIC17	244	15.163	0.483	5.6	0.1368	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	59.7
240 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0141	
240 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
240 minute summer	SWMBIC17	1.006	SWMBMN01	2.8	0.137	0.035	1.5233	

Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	SWMBRE04	8	15.350	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBIC08	360	15.165	0.135	2.2	0.1053	0.0000	OK
360 minute summer	SWMBIC09	360	15.165	0.435	18.7	0.3137	0.0000	SURCHARGED
360 minute summer	SWMBRE03	8	15.550	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBIC06	184	15.218	0.038	2.4	0.0249	0.0000	OK
360 minute summer	SWMBIC07	360	15.165	0.300	14.1	0.2316	0.0000	OK
360 minute summer	SWMBRE02	184	15.566	0.016	0.4	0.0053	0.0000	OK
360 minute summer	SWMBIC05	184	15.502	0.027	1.2	0.0122	0.0000	OK
360 minute summer	SWMBRE01	184	15.714	0.014	0.3	0.0043	0.0000	OK
360 minute summer	SWMBIC01	184	15.671	0.021	0.6	0.0058	0.0000	OK
360 minute summer	SWMBIC02	184	15.620	0.020	0.6	0.0032	0.0000	OK
360 minute summer	SWMBIC03	184	15.422	0.062	6.6	0.0896	0.0000	OK
360 minute summer	SWMBRE05	184	15.785	0.030	1.6	0.0248	0.0000	OK
360 minute summer	SWMBIC04	184	15.328	0.058	9.3	0.0537	0.0000	OK
360 minute summer	SWMBIC10	184	15.396	0.031	2.4	0.0320	0.0000	OK
360 minute summer	SWMBIC12	184	15.182	0.042	3.5	0.0120	0.0000	OK
360 minute summer	SWMBRE06	8	15.550	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBIC11	184	15.414	0.024	1.1	0.0114	0.0000	OK
360 minute summer	SWMBIC14	360	15.165	0.210	9.0	0.2347	0.0000	OK
360 minute summer	SWMBIC13	184	15.554	0.019	1.1	0.0107	0.0000	OK
360 minute summer	SWMBRE08	8	15.600	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBRE09	8	15.600	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBRE10	184	15.309	0.014	0.5	0.0024	0.0000	OK
360 minute summer	SWMBIC15	184	15.202	0.017	0.5	0.0027	0.0000	OK
360 minute summer	TANK	360	15.165	0.465	27.3	120.5615	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.1196	
360 minute summer	SWMBIC08	6.001	SWMBIC09	2.2	0.589	0.038	0.5798	
360 minute summer	SWMBIC09	1.004	TANK	18.0	0.747	0.257	0.5281	
360 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0135	
360 minute summer	SWMBIC06	4.002	SWMBIC07	2.3	0.669	0.138	0.1648	
360 minute summer	SWMBIC07	1.003	SWMBIC09	14.0	0.541	0.158	1.4896	
360 minute summer	SWMBRE02	4.000	SWMBIC05	0.4	0.261	0.023	0.0119	
360 minute summer	SWMBIC05	4.001	SWMBIC06	1.2	0.421	0.069	0.0903	
360 minute summer	SWMBRE01	2.000	SWMBIC01	0.3	0.264	0.019	0.0069	
360 minute summer	SWMBIC01	2.001	SWMBIC02	0.6	0.418	0.039	0.0094	
360 minute summer	SWMBIC02	2.002	SWMBIC03	0.6	0.428	0.038	0.0159	
360 minute summer	SWMBIC03	1.001	SWMBIC04	6.5	0.660	0.089	0.2012	
360 minute summer	SWMBRE05	1.000	SWMBIC03	1.6	0.511	0.037	0.1481	
360 minute summer	SWMBIC04	1.002	SWMBIC07	9.3	0.764	0.082	1.4012	
360 minute summer	SWMBIC10	9.000	SWMBIC12	2.4	0.571	0.041	0.0755	
360 minute summer	SWMBIC12	7.002	SWMBIC14	3.5	0.418	0.078	0.5178	
360 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0136	
360 minute summer	SWMBIC11	7.001	SWMBIC12	1.1	0.612	0.053	0.0235	
360 minute summer	SWMBIC14	7.003	TANK	9.0	0.810	0.212	0.2643	
360 minute summer	SWMBIC13	10.001	SWMBIC14	1.1	0.890	0.031	0.1116	
360 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0022	
360 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0046	
360 minute summer	SWMBRE10	12.000	SWMBIC15	0.5	0.515	0.018	0.0043	
360 minute summer	SWMBIC15	12.001	SWMBIC14	0.5	0.442	0.027	0.1253	
360 minute summer	TANK	1.005	SWMBIC17	5.5	0.498	0.055	0.1723	

Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	SWMBMN01	360	15.164	0.594	3.2	0.9826	0.0000	SURCHARGED
360 minute summer	SW911	168	13.642	0.023	2.5	0.0000	0.0000	OK
360 minute summer	SWMBRE07	8	15.600	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBIC16	8	15.485	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWMBIC17	360	15.162	0.482	5.5	0.1364	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	SWMBMN01	1.007	SW911	2.5	1.491	0.048	0.0192	73.3
360 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0113	
360 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
360 minute summer	SWMBIC17	1.006	SWMBMN01	2.9	0.140	0.037	1.5233	

Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	SWMBRE04	8	15.350	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBIC08	480	15.147	0.117	1.7	0.0919	0.0000	OK
480 minute summer	SWMBIC09	480	15.147	0.417	14.2	0.3014	0.0000	SURCHARGED
480 minute summer	SWMBRE03	8	15.550	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBIC06	248	15.214	0.034	1.8	0.0218	0.0000	OK
480 minute summer	SWMBIC07	480	15.147	0.282	10.8	0.2183	0.0000	OK
480 minute summer	SWMBRE02	240	15.564	0.014	0.3	0.0047	0.0000	OK
480 minute summer	SWMBIC05	248	15.498	0.023	0.9	0.0106	0.0000	OK
480 minute summer	SWMBRE01	224	15.712	0.012	0.2	0.0036	0.0000	OK
480 minute summer	SWMBIC01	224	15.667	0.017	0.4	0.0048	0.0000	OK
480 minute summer	SWMBIC02	224	15.617	0.017	0.4	0.0027	0.0000	OK
480 minute summer	SWMBIC03	248	15.414	0.054	5.0	0.0783	0.0000	OK
480 minute summer	SWMBRE05	248	15.781	0.026	1.2	0.0218	0.0000	OK
480 minute summer	SWMBIC04	248	15.321	0.051	7.1	0.0472	0.0000	OK
480 minute summer	SWMBIC10	248	15.392	0.027	1.8	0.0280	0.0000	OK
480 minute summer	SWMBIC12	248	15.177	0.037	2.7	0.0106	0.0000	OK
480 minute summer	SWMBRE06	8	15.550	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBIC11	248	15.412	0.022	0.9	0.0103	0.0000	OK
480 minute summer	SWMBIC14	480	15.147	0.192	7.1	0.2155	0.0000	OK
480 minute summer	SWMBIC13	248	15.552	0.017	0.9	0.0098	0.0000	OK
480 minute summer	SWMBRE08	8	15.600	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBRE09	8	15.600	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBRE10	248	15.308	0.013	0.4	0.0021	0.0000	OK
480 minute summer	SWMBIC15	248	15.201	0.016	0.4	0.0025	0.0000	OK
480 minute summer	TANK	480	15.147	0.447	20.6	116.1208	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0750	
480 minute summer	SWMBIC08	6.001	SWMBIC09	1.7	0.537	0.029	0.5454	
480 minute summer	SWMBIC09	1.004	TANK	13.7	0.725	0.195	0.5281	
480 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0111	
480 minute summer	SWMBIC06	4.002	SWMBIC07	1.8	0.622	0.106	0.1545	
480 minute summer	SWMBIC07	1.003	SWMBIC09	10.6	0.509	0.120	1.4729	
480 minute summer	SWMBRE02	4.000	SWMBIC05	0.3	0.253	0.017	0.0098	
480 minute summer	SWMBIC05	4.001	SWMBIC06	0.9	0.388	0.053	0.0745	
480 minute summer	SWMBRE01	2.000	SWMBIC01	0.2	0.234	0.012	0.0052	
480 minute summer	SWMBIC01	2.001	SWMBIC02	0.4	0.372	0.026	0.0070	
480 minute summer	SWMBIC02	2.002	SWMBIC03	0.4	0.379	0.025	0.0120	
480 minute summer	SWMBIC03	1.001	SWMBIC04	5.0	0.611	0.068	0.1662	
480 minute summer	SWMBRE05	1.000	SWMBIC03	1.2	0.471	0.028	0.1230	
480 minute summer	SWMBIC04	1.002	SWMBIC07	7.1	0.704	0.063	1.3643	
480 minute summer	SWMBIC10	9.000	SWMBIC12	1.8	0.519	0.031	0.0629	
480 minute summer	SWMBIC12	7.002	SWMBIC14	2.7	0.390	0.061	0.4701	
480 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0119	
480 minute summer	SWMBIC11	7.001	SWMBIC12	0.9	0.579	0.044	0.0205	
480 minute summer	SWMBIC14	7.003	TANK	7.1	0.762	0.168	0.2563	
480 minute summer	SWMBIC13	10.001	SWMBIC14	0.9	0.839	0.026	0.0993	
480 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0019	
480 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0040	
480 minute summer	SWMBRE10	12.000	SWMBIC15	0.4	0.483	0.014	0.0037	
480 minute summer	SWMBIC15	12.001	SWMBIC14	0.4	0.416	0.022	0.1113	
480 minute summer	TANK	1.005	SWMBIC17	5.9	0.491	0.059	0.1723	

Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	SWMBMN01	480	15.147	0.577	3.0	0.9544	0.0000	SURCHARGED
480 minute summer	SW911	232	13.642	0.023	2.5	0.0000	0.0000	OK
480 minute summer	SWMBRE07	8	15.600	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBIC16	8	15.485	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWMBIC17	472	15.151	0.471	5.9	0.1334	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0192	88.7
480 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0098	
480 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
480 minute summer	SWMBIC17	1.006	SWMBMN01	3.0	0.139	0.037	1.5233	

Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	SWMBRE04	15	15.350	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBIC08	540	15.127	0.097	1.4	0.0762	0.0000	OK
600 minute summer	SWMBIC09	540	15.127	0.397	11.5	0.2869	0.0000	SURCHARGED
600 minute summer	SWMBRE03	15	15.550	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBIC06	315	15.210	0.030	1.4	0.0192	0.0000	OK
600 minute summer	SWMBIC07	540	15.127	0.262	8.7	0.2028	0.0000	OK
600 minute summer	SWMBRE02	285	15.561	0.011	0.2	0.0039	0.0000	OK
600 minute summer	SWMBIC05	315	15.496	0.021	0.7	0.0094	0.0000	OK
600 minute summer	SWMBRE01	300	15.712	0.012	0.2	0.0036	0.0000	OK
600 minute summer	SWMBIC01	300	15.667	0.017	0.4	0.0048	0.0000	OK
600 minute summer	SWMBIC02	300	15.617	0.017	0.4	0.0027	0.0000	OK
600 minute summer	SWMBIC03	315	15.409	0.049	4.1	0.0709	0.0000	OK
600 minute summer	SWMBRE05	315	15.779	0.024	1.0	0.0200	0.0000	OK
600 minute summer	SWMBIC04	315	15.316	0.046	5.8	0.0428	0.0000	OK
600 minute summer	SWMBIC10	315	15.390	0.025	1.5	0.0257	0.0000	OK
600 minute summer	SWMBIC12	315	15.174	0.034	2.2	0.0096	0.0000	OK
600 minute summer	SWMBRE06	15	15.550	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBIC11	315	15.409	0.019	0.7	0.0091	0.0000	OK
600 minute summer	SWMBIC14	540	15.127	0.172	5.7	0.1930	0.0000	OK
600 minute summer	SWMBIC13	315	15.550	0.015	0.7	0.0087	0.0000	OK
600 minute summer	SWMBRE08	15	15.600	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBRE09	15	15.600	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBRE10	315	15.306	0.011	0.3	0.0019	0.0000	OK
600 minute summer	SWMBIC15	315	15.199	0.014	0.3	0.0022	0.0000	OK
600 minute summer	TANK	540	15.127	0.427	16.7	110.9127	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0301	
600 minute summer	SWMBIC08	6.001	SWMBIC09	1.4	0.537	0.024	0.5051	
600 minute summer	SWMBIC09	1.004	TANK	11.0	0.634	0.158	0.5281	
600 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0093	
600 minute summer	SWMBIC06	4.002	SWMBIC07	1.4	0.578	0.083	0.1337	
600 minute summer	SWMBIC07	1.003	SWMBIC09	8.6	0.496	0.097	1.4365	
600 minute summer	SWMBRE02	4.000	SWMBIC05	0.2	0.230	0.011	0.0080	
600 minute summer	SWMBIC05	4.001	SWMBIC06	0.7	0.361	0.041	0.0623	
600 minute summer	SWMBRE01	2.000	SWMBIC01	0.2	0.234	0.012	0.0052	
600 minute summer	SWMBIC01	2.001	SWMBIC02	0.4	0.372	0.026	0.0070	
600 minute summer	SWMBIC02	2.002	SWMBIC03	0.4	0.379	0.025	0.0120	
600 minute summer	SWMBIC03	1.001	SWMBIC04	4.1	0.578	0.056	0.1441	
600 minute summer	SWMBRE05	1.000	SWMBIC03	1.0	0.446	0.024	0.1082	
600 minute summer	SWMBIC04	1.002	SWMBIC07	5.8	0.667	0.051	1.2974	
600 minute summer	SWMBIC10	9.000	SWMBIC12	1.5	0.495	0.026	0.0548	
600 minute summer	SWMBIC12	7.002	SWMBIC14	2.2	0.372	0.050	0.4255	
600 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0099	
600 minute summer	SWMBIC11	7.001	SWMBIC12	0.7	0.537	0.034	0.0172	
600 minute summer	SWMBIC14	7.003	TANK	5.7	0.718	0.135	0.2429	
600 minute summer	SWMBIC13	10.001	SWMBIC14	0.7	0.778	0.020	0.0815	
600 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0016	
600 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0033	
600 minute summer	SWMBRE10	12.000	SWMBIC15	0.3	0.442	0.011	0.0030	
600 minute summer	SWMBIC15	12.001	SWMBIC14	0.3	0.383	0.017	0.0910	
600 minute summer	TANK	1.005	SWMBIC17	4.3	0.490	0.042	0.1723	

Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	SWMBMN01	540	15.127	0.557	2.8	0.9217	0.0000	SURCHARGED
600 minute summer	SW911	285	13.642	0.023	2.5	0.0000	0.0000	OK
600 minute summer	SWMBRE07	15	15.600	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBIC16	15	15.485	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWMBIC17	540	15.127	0.447	4.3	0.1266	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	SWMBMN01	1.007	SW911	2.5	1.490	0.048	0.0192	103.1
600 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0082	
600 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
600 minute summer	SWMBIC17	1.006	SWMBMN01	2.8	0.146	0.035	1.5233	

Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	SWMBRE04	15	15.350	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBIC08	585	15.105	0.075	1.2	0.0587	0.0000	OK
720 minute summer	SWMBIC09	585	15.105	0.375	10.0	0.2708	0.0000	SURCHARGED
720 minute summer	SWMBRE03	15	15.550	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBIC06	375	15.207	0.027	1.2	0.0178	0.0000	OK
720 minute summer	SWMBIC07	585	15.105	0.240	7.7	0.1855	0.0000	OK
720 minute summer	SWMBRE02	360	15.561	0.011	0.2	0.0039	0.0000	OK
720 minute summer	SWMBIC05	360	15.494	0.019	0.6	0.0088	0.0000	OK
720 minute summer	SWMBRE01	375	15.712	0.012	0.2	0.0036	0.0000	OK
720 minute summer	SWMBIC01	375	15.667	0.017	0.4	0.0048	0.0000	OK
720 minute summer	SWMBIC02	375	15.617	0.017	0.4	0.0027	0.0000	OK
720 minute summer	SWMBIC03	375	15.406	0.046	3.7	0.0674	0.0000	OK
720 minute summer	SWMBRE05	375	15.778	0.023	0.9	0.0190	0.0000	OK
720 minute summer	SWMBIC04	375	15.313	0.043	5.2	0.0406	0.0000	OK
720 minute summer	SWMBIC10	375	15.388	0.023	1.3	0.0240	0.0000	OK
720 minute summer	SWMBIC12	375	15.172	0.032	1.9	0.0089	0.0000	OK
720 minute summer	SWMBRE06	15	15.550	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBIC11	375	15.408	0.018	0.6	0.0085	0.0000	OK
720 minute summer	SWMBIC14	585	15.105	0.150	4.9	0.1680	0.0000	OK
720 minute summer	SWMBIC13	375	15.549	0.014	0.6	0.0081	0.0000	OK
720 minute summer	SWMBRE08	15	15.600	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBRE09	15	15.600	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBRE10	375	15.306	0.011	0.3	0.0019	0.0000	OK
720 minute summer	SWMBIC15	375	15.199	0.014	0.3	0.0022	0.0000	OK
720 minute summer	TANK	585	15.105	0.405	14.5	105.1101	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
720 minute summer	SWMBIC08	6.001	SWMBIC09	1.2	0.518	0.021	0.4612	
720 minute summer	SWMBIC09	1.004	TANK	9.7	0.614	0.139	0.5281	
720 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0083	
720 minute summer	SWMBIC06	4.002	SWMBIC07	1.2	0.553	0.071	0.1055	
720 minute summer	SWMBIC07	1.003	SWMBIC09	7.6	0.481	0.085	1.3845	
720 minute summer	SWMBRE02	4.000	SWMBIC05	0.2	0.213	0.011	0.0074	
720 minute summer	SWMBIC05	4.001	SWMBIC06	0.6	0.357	0.035	0.0559	
720 minute summer	SWMBRE01	2.000	SWMBIC01	0.2	0.234	0.012	0.0052	
720 minute summer	SWMBIC01	2.001	SWMBIC02	0.4	0.372	0.026	0.0070	
720 minute summer	SWMBIC02	2.002	SWMBIC03	0.4	0.379	0.025	0.0120	
720 minute summer	SWMBIC03	1.001	SWMBIC04	3.7	0.562	0.050	0.1337	
720 minute summer	SWMBRE05	1.000	SWMBIC03	0.9	0.432	0.021	0.1005	
720 minute summer	SWMBIC04	1.002	SWMBIC07	5.2	0.648	0.046	1.2018	
720 minute summer	SWMBIC10	9.000	SWMBIC12	1.3	0.475	0.022	0.0495	
720 minute summer	SWMBIC12	7.002	SWMBIC14	1.9	0.359	0.043	0.3681	
720 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0089	
720 minute summer	SWMBIC11	7.001	SWMBIC12	0.6	0.513	0.029	0.0154	
720 minute summer	SWMBIC14	7.003	TANK	4.9	0.689	0.116	0.2183	
720 minute summer	SWMBIC13	10.001	SWMBIC14	0.6	0.744	0.017	0.0597	
720 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0014	
720 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0030	
720 minute summer	SWMBRE10	12.000	SWMBIC15	0.3	0.442	0.011	0.0030	
720 minute summer	SWMBIC15	12.001	SWMBIC14	0.3	0.383	0.017	0.0663	
720 minute summer	TANK	1.005	SWMBIC17	5.1	0.494	0.051	0.1723	

Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	SWMBMN01	570	15.105	0.535	3.4	0.8848	0.0000	SURCHARGED
720 minute summer	SW911	345	13.642	0.023	2.5	0.0000	0.0000	OK
720 minute summer	SWMBRE07	15	15.600	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBIC16	15	15.485	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWMBIC17	585	15.106	0.426	5.1	0.1205	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	SWMBMN01	1.007	SW911	2.5	1.491	0.048	0.0192	117.9
720 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0074	
720 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
720 minute summer	SWMBIC17	1.006	SWMBMN01	3.4	0.146	0.043	1.5233	

Results for 100 year +40% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 98.99%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMBRE04	248	15.627	0.277	0.4	0.0050	0.0000	SURCHARGED
240 minute summer	SWMBIC08	244	15.626	0.596	5.6	0.4664	0.0000	SURCHARGED
240 minute summer	SWMBIC09	244	15.627	0.897	44.2	0.6476	0.0000	SURCHARGED
240 minute summer	SWMBRE03	244	15.630	0.080	0.1	0.0127	0.0000	OK
240 minute summer	SWMBIC06	244	15.629	0.449	6.0	0.2911	0.0000	SURCHARGED
240 minute summer	SWMBIC07	244	15.627	0.762	35.1	0.5891	0.0000	SURCHARGED
240 minute summer	SWMBRE02	244	15.627	0.077	1.0	0.0261	0.0000	OK
240 minute summer	SWMBIC05	244	15.628	0.153	3.0	0.0694	0.0000	SURCHARGED
240 minute summer	SWMBRE01	124	15.723	0.023	0.8	0.0069	0.0000	OK
240 minute summer	SWMBIC01	124	15.684	0.034	1.6	0.0095	0.0000	OK
240 minute summer	SWMBIC02	124	15.633	0.033	1.6	0.0052	0.0000	OK
240 minute summer	SWMBIC03	244	15.627	0.267	16.4	0.3879	0.0000	OK
240 minute summer	SWMBRE05	124	15.802	0.047	4.0	0.0388	0.0000	OK
240 minute summer	SWMBIC04	244	15.628	0.358	23.2	0.3340	0.0000	SURCHARGED
240 minute summer	SWMBIC10	244	15.633	0.268	5.9	0.2764	0.0000	SURCHARGED
240 minute summer	SWMBIC12	244	15.632	0.492	8.7	0.1391	0.0000	SURCHARGED
240 minute summer	SWMBRE06	244	15.632	0.082	0.2	0.0130	0.0000	OK
240 minute summer	SWMBIC11	244	15.632	0.242	2.8	0.1151	0.0000	SURCHARGED
240 minute summer	SWMBIC14	244	15.628	0.673	22.5	0.7539	0.0000	SURCHARGED
240 minute summer	SWMBIC13	244	15.628	0.093	2.8	0.0538	0.0000	OK
240 minute summer	SWMBRE08	244	15.627	0.027	0.0	0.0043	0.0000	OK
240 minute summer	SWMBRE09	244	15.627	0.027	0.0	0.0043	0.0000	OK
240 minute summer	SWMBRE10	244	15.631	0.336	1.2	0.0571	0.0000	SURCHARGED
240 minute summer	SWMBIC15	244	15.630	0.445	1.2	0.0708	0.0000	SURCHARGED
240 minute summer	TANK	244	15.628	0.928	70.4	237.3487	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	SWMBRE04	6.000	SWMBIC08	-0.4	-0.023	-0.028	0.6472	
240 minute summer	SWMBIC08	6.001	SWMBIC09	4.5	0.569	0.077	0.7146	
240 minute summer	SWMBIC09	1.004	TANK	43.8	1.018	0.626	0.5281	
240 minute summer	SWMBRE03	5.000	SWMBIC06	-0.1	-0.006	-0.002	0.1030	
240 minute summer	SWMBIC06	4.002	SWMBIC07	5.9	0.790	0.350	0.3187	
240 minute summer	SWMBIC07	1.003	SWMBIC09	33.9	0.519	0.383	1.4902	
240 minute summer	SWMBRE02	4.000	SWMBIC05	1.0	0.343	0.057	0.1031	
240 minute summer	SWMBIC05	4.001	SWMBIC06	3.0	0.554	0.174	0.5608	
240 minute summer	SWMBRE01	2.000	SWMBIC01	0.8	0.348	0.049	0.0139	
240 minute summer	SWMBIC01	2.001	SWMBIC02	1.6	0.548	0.102	0.0188	
240 minute summer	SWMBIC02	2.002	SWMBIC03	1.6	0.564	0.099	0.0953	
240 minute summer	SWMBIC03	1.001	SWMBIC04	16.3	0.852	0.221	1.3867	
240 minute summer	SWMBRE05	1.000	SWMBIC03	3.9	0.669	0.093	0.8916	
240 minute summer	SWMBIC04	1.002	SWMBIC07	23.1	0.814	0.204	2.7377	
240 minute summer	SWMBIC10	9.000	SWMBIC12	5.9	0.739	0.101	0.7124	
240 minute summer	SWMBIC12	7.002	SWMBIC14	8.6	0.476	0.194	1.0078	
240 minute summer	SWMBRE06	7.000	SWMBIC11	0.2	0.011	0.009	0.2068	
240 minute summer	SWMBIC11	7.001	SWMBIC12	2.8	0.798	0.136	0.2324	
240 minute summer	SWMBIC14	7.003	TANK	21.4	0.926	0.506	0.2685	
240 minute summer	SWMBIC13	10.001	SWMBIC14	2.8	0.993	0.080	0.1920	
240 minute summer	SWMBRE08	11.000	SWMBIC13	0.2	0.038	0.010	0.0243	
240 minute summer	SWMBRE09	10.000	SWMBIC13	0.2	0.028	0.011	0.0500	
240 minute summer	SWMBRE10	12.000	SWMBIC15	1.2	0.672	0.043	0.0780	
240 minute summer	SWMBIC15	12.001	SWMBIC14	1.2	0.489	0.066	0.2649	
240 minute summer	TANK	1.005	SWMBIC17	-5.1	0.499	-0.051	0.1723	

Results for 100 year +40% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 98.99%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMBMN01	244	15.627	1.057	7.9	1.7479	0.0000	SURCHARGED
240 minute summer	SW911	244	13.642	0.023	2.6	0.0000	0.0000	OK
240 minute summer	SWMBRE07	244	15.633	0.033	0.2	0.0006	0.0000	OK
240 minute summer	SWMBIC16	244	15.629	0.144	0.5	0.0228	0.0000	OK
240 minute summer	SWMBIC17	244	15.627	0.947	5.4	0.2680	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	SWMBMN01	1.007	SW911	2.6	1.516	0.051	0.0201	69.3
240 minute summer	SWMBRE07	8.000	SWMBIC11	-0.2	-0.014	-0.007	0.1278	
240 minute summer	SWMBIC16	3.000	SWMBIC04	-0.5	-0.029	-0.029	0.1140	
240 minute summer	SWMBIC17	1.006	SWMBMN01	-5.4	0.131	-0.069	1.5233	

Results for 100 year +40% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 98.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	SWMBRE04	360	15.954	0.604	0.4	0.0109	0.0000	FLOOD RISK
360 minute summer	SWMBIC08	360	15.953	0.923	4.2	0.7225	0.0000	FLOOD RISK
360 minute summer	SWMBIC09	360	15.953	1.223	33.2	0.8828	0.0000	FLOOD RISK
360 minute summer	SWMBRE03	360	15.952	0.402	0.2	0.0640	0.0000	FLOOD RISK
360 minute summer	SWMBIC06	360	15.953	0.773	4.4	0.5014	0.0000	FLOOD RISK
360 minute summer	SWMBIC07	360	15.952	1.087	26.3	0.8406	0.0000	FLOOD RISK
360 minute summer	SWMBRE02	360	15.953	0.403	0.7	0.1373	0.0000	FLOOD RISK
360 minute summer	SWMBIC05	360	15.953	0.478	2.2	0.2173	0.0000	FLOOD RISK
360 minute summer	SWMBRE01	360	15.952	0.252	0.6	0.0765	0.0000	FLOOD RISK
360 minute summer	SWMBIC01	360	15.952	0.302	1.2	0.0851	0.0000	SURCHARGED
360 minute summer	SWMBIC02	360	15.952	0.352	1.2	0.0559	0.0000	SURCHARGED
360 minute summer	SWMBIC03	360	15.952	0.592	12.3	0.8604	0.0000	SURCHARGED
360 minute summer	SWMBRE05	360	15.953	0.198	3.0	0.1649	0.0000	OK
360 minute summer	SWMBIC04	360	15.952	0.682	17.5	0.6372	0.0000	SURCHARGED
360 minute summer	SWMBIC10	360	15.953	0.588	4.5	0.6074	0.0000	FLOOD RISK
360 minute summer	SWMBIC12	360	15.953	0.813	6.6	0.2301	0.0000	SURCHARGED
360 minute summer	SWMBRE06	360	15.953	0.403	0.2	0.0641	0.0000	SURCHARGED
360 minute summer	SWMBIC11	360	15.953	0.563	2.1	0.2674	0.0000	SURCHARGED
360 minute summer	SWMBIC14	360	15.953	0.998	16.3	1.1175	0.0000	FLOOD RISK
360 minute summer	SWMBIC13	360	15.953	0.418	2.1	0.2425	0.0000	FLOOD RISK
360 minute summer	SWMBRE08	360	15.953	0.353	0.2	0.0561	0.0000	FLOOD RISK
360 minute summer	SWMBRE09	360	15.953	0.353	0.1	0.0561	0.0000	FLOOD RISK
360 minute summer	SWMBRE10	360	15.953	0.658	0.9	0.1119	0.0000	FLOOD RISK
360 minute summer	SWMBIC15	360	15.953	0.768	0.9	0.1222	0.0000	FLOOD RISK
360 minute summer	TANK	360	15.953	1.253	52.1	237.4003	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	SWMBRE04	6.000	SWMBIC08	-0.4	-0.038	-0.028	0.6472	
360 minute summer	SWMBIC08	6.001	SWMBIC09	3.2	0.517	0.056	0.7146	
360 minute summer	SWMBIC09	1.004	TANK	32.9	0.888	0.471	0.5281	
360 minute summer	SWMBRE03	5.000	SWMBIC06	-0.2	-0.016	-0.006	0.1338	
360 minute summer	SWMBIC06	4.002	SWMBIC07	4.3	0.725	0.256	0.3187	
360 minute summer	SWMBIC07	1.003	SWMBIC09	25.4	0.487	0.287	1.4902	
360 minute summer	SWMBRE02	4.000	SWMBIC05	0.7	0.303	0.040	0.1362	
360 minute summer	SWMBIC05	4.001	SWMBIC06	2.2	0.508	0.128	0.5608	
360 minute summer	SWMBRE01	2.000	SWMBIC01	0.6	0.321	0.037	0.1064	
360 minute summer	SWMBIC01	2.001	SWMBIC02	1.2	0.507	0.077	0.1148	
360 minute summer	SWMBIC02	2.002	SWMBIC03	1.2	0.520	0.075	0.2001	
360 minute summer	SWMBIC03	1.001	SWMBIC04	12.3	0.788	0.166	1.4293	
360 minute summer	SWMBRE05	1.000	SWMBIC03	2.9	0.615	0.070	1.8528	
360 minute summer	SWMBIC04	1.002	SWMBIC07	17.4	0.732	0.153	2.7377	
360 minute summer	SWMBIC10	9.000	SWMBIC12	4.5	0.665	0.077	0.7124	
360 minute summer	SWMBIC12	7.002	SWMBIC14	5.8	0.427	0.131	1.0078	
360 minute summer	SWMBRE06	7.000	SWMBIC11	0.2	0.015	0.012	0.2657	
360 minute summer	SWMBIC11	7.001	SWMBIC12	2.1	0.737	0.102	0.2324	
360 minute summer	SWMBIC14	7.003	TANK	15.7	0.824	0.372	0.2685	
360 minute summer	SWMBIC13	10.001	SWMBIC14	2.1	0.974	0.060	0.2328	
360 minute summer	SWMBRE08	11.000	SWMBIC13	-0.2	-0.027	-0.008	0.0628	
360 minute summer	SWMBRE09	10.000	SWMBIC13	-0.1	0.027	-0.007	0.1297	
360 minute summer	SWMBRE10	12.000	SWMBIC15	0.9	0.619	0.032	0.0780	
360 minute summer	SWMBIC15	12.001	SWMBIC14	0.9	0.451	0.050	0.2649	
360 minute summer	TANK	1.005	SWMBIC17	4.5	0.492	0.045	0.1723	

Results for 100 year +40% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 98.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	SWMBMN01	360	15.952	1.382	6.0	2.2859	0.0000	FLOOD RISK
360 minute summer	SW911	360	13.644	0.025	3.0	0.0000	0.0000	OK
360 minute summer	SWMBRE07	360	15.953	0.353	0.2	0.0064	0.0000	FLOOD RISK
360 minute summer	SWMBIC16	360	15.952	0.467	0.2	0.0743	0.0000	FLOOD RISK
360 minute summer	SWMBIC17	360	15.953	1.273	4.5	0.3602	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	SWMBMN01	1.007	SW911	3.0	1.570	0.058	0.0219	88.3
360 minute summer	SWMBRE07	8.000	SWMBIC11	-0.2	0.012	-0.007	0.2201	
360 minute summer	SWMBIC16	3.000	SWMBIC04	-0.2	-0.011	-0.010	0.1148	
360 minute summer	SWMBIC17	1.006	SWMBMN01	-3.6	0.134	-0.045	1.5233	

Results for 100 year +40% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 98.99%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	SWMBRE04	480	16.000	0.650	0.4	0.0117	0.0000	FLOOD RISK
480 minute summer	SWMBIC08	472	16.000	0.970	3.2	0.7598	0.0000	FLOOD RISK
480 minute summer	SWMBIC09	472	16.000	1.270	25.7	0.9173	0.0000	FLOOD RISK
480 minute summer	SWMBRE03	480	16.000	0.450	0.3	0.0715	0.0000	FLOOD RISK
480 minute summer	SWMBIC06	472	16.000	0.820	3.5	0.5322	0.7865	FLOOD
480 minute summer	SWMBIC07	472	16.001	1.136	20.4	0.8781	0.0000	FLOOD RISK
480 minute summer	SWMBRE02	480	16.000	0.450	0.6	0.1535	0.0000	FLOOD RISK
480 minute summer	SWMBIC05	480	16.000	0.525	1.8	0.2389	0.0000	FLOOD RISK
480 minute summer	SWMBRE01	472	16.001	0.301	0.5	0.0916	0.0000	FLOOD RISK
480 minute summer	SWMBIC01	472	16.001	0.351	1.0	0.0991	0.0000	FLOOD RISK
480 minute summer	SWMBIC02	472	16.001	0.401	1.0	0.0638	0.0000	FLOOD RISK
480 minute summer	SWMBIC03	472	16.001	0.641	9.6	0.9319	0.0000	FLOOD RISK
480 minute summer	SWMBRE05	472	16.002	0.247	2.3	0.2058	0.0000	SURCHARGED
480 minute summer	SWMBIC04	472	16.001	0.731	13.6	0.6830	0.0000	SURCHARGED
480 minute summer	SWMBIC10	472	16.001	0.636	3.5	0.6565	0.0000	FLOOD RISK
480 minute summer	SWMBIC12	472	16.001	0.861	5.1	0.2435	0.0000	FLOOD RISK
480 minute summer	SWMBRE06	464	16.001	0.451	0.2	0.0717	0.0000	SURCHARGED
480 minute summer	SWMBIC11	464	16.001	0.611	1.6	0.2902	0.0000	FLOOD RISK
480 minute summer	SWMBIC14	472	16.001	1.046	13.1	1.1710	0.0000	FLOOD RISK
480 minute summer	SWMBIC13	472	16.000	0.465	1.6	0.2700	0.0000	FLOOD RISK
480 minute summer	SWMBRE08	472	16.000	0.400	0.2	0.0637	0.0000	FLOOD RISK
480 minute summer	SWMBRE09	472	16.001	0.401	0.2	0.0637	0.0000	FLOOD RISK
480 minute summer	SWMBRE10	472	16.001	0.706	0.7	0.1200	0.0000	FLOOD RISK
480 minute summer	SWMBIC15	472	16.001	0.816	0.7	0.1297	0.0000	FLOOD RISK
480 minute summer	TANK	472	16.001	1.301	40.0	237.4080	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)
480 minute summer	SWMBRE04	6.000	SWMBIC08	-0.4	-0.022	-0.026	0.6472	
480 minute summer	SWMBIC08	6.001	SWMBIC09	2.7	0.496	0.047	0.7146	
480 minute summer	SWMBIC09	1.004	TANK	25.6	0.846	0.365	0.5281	
480 minute summer	SWMBRE03	5.000	SWMBIC06	-0.3	-0.016	-0.007	0.1338	
480 minute summer	SWMBIC06	4.002	SWMBIC07	3.4	0.685	0.203	0.3187	
480 minute summer	SWMBIC07	1.003	SWMBIC09	19.7	0.464	0.223	1.4902	
480 minute summer	SWMBRE02	4.000	SWMBIC05	0.6	0.296	0.034	0.1362	
480 minute summer	SWMBIC05	4.001	SWMBIC06	1.8	0.486	0.105	0.5608	
480 minute summer	SWMBRE01	2.000	SWMBIC01	0.5	0.306	0.031	0.1064	
480 minute summer	SWMBIC01	2.001	SWMBIC02	1.0	0.483	0.064	0.1148	
480 minute summer	SWMBIC02	2.002	SWMBIC03	1.0	0.496	0.063	0.2001	
480 minute summer	SWMBIC03	1.001	SWMBIC04	9.6	0.737	0.130	1.4293	
480 minute summer	SWMBRE05	1.000	SWMBIC03	2.3	0.573	0.054	1.9199	
480 minute summer	SWMBIC04	1.002	SWMBIC07	13.6	0.683	0.120	2.7377	
480 minute summer	SWMBIC10	9.000	SWMBIC12	3.5	0.638	0.060	0.7124	
480 minute summer	SWMBIC12	7.002	SWMBIC14	5.0	0.397	0.114	1.0078	
480 minute summer	SWMBRE06	7.000	SWMBIC11	-0.2	0.010	-0.009	0.2657	
480 minute summer	SWMBIC11	7.001	SWMBIC12	1.6	0.682	0.079	0.2324	
480 minute summer	SWMBIC14	7.003	TANK	12.3	0.764	0.291	0.2685	
480 minute summer	SWMBIC13	10.001	SWMBIC14	1.6	0.912	0.046	0.2328	
480 minute summer	SWMBRE08	11.000	SWMBIC13	-0.2	-0.021	-0.010	0.0628	
480 minute summer	SWMBRE09	10.000	SWMBIC13	-0.2	-0.019	-0.014	0.1297	
480 minute summer	SWMBRE10	12.000	SWMBIC15	0.7	0.573	0.025	0.0780	
480 minute summer	SWMBIC15	12.001	SWMBIC14	0.7	0.442	0.038	0.2649	
480 minute summer	TANK	1.005	SWMBIC17	10.2	0.482	0.101	0.1723	

Results for 100 year +40% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 98.99%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	SWMBMN01	472	16.000	1.430	4.6	2.3653	0.0000	FLOOD RISK
480 minute summer	SW911	472	13.644	0.025	3.0	0.0000	0.0000	OK
480 minute summer	SWMBRE07	472	16.000	0.400	0.1	0.0072	0.0000	FLOOD RISK
480 minute summer	SWMBIC16	472	16.001	0.516	0.2	0.0821	0.0000	FLOOD RISK
480 minute summer	SWMBIC17	472	16.000	1.320	10.2	0.3736	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)
480 minute summer	SWMBMN01	1.007	SW911	3.0	1.577	0.059	0.0222	106.4
480 minute summer	SWMBRE07	8.000	SWMBIC11	-0.1	-0.008	-0.006	0.2201	
480 minute summer	SWMBIC16	3.000	SWMBIC04	0.2	-0.023	0.009	0.1148	
480 minute summer	SWMBIC17	1.006	SWMBMN01	3.5	0.140	0.044	1.5233	

Results for 100 year +40% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.04%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	SWMBRE04	600	15.895	0.545	0.2	0.0098	0.0000	FLOOD RISK
600 minute summer	SWMBIC08	600	15.895	0.865	2.6	0.6775	0.0000	FLOOD RISK
600 minute summer	SWMBIC09	600	15.895	1.165	20.9	0.8414	0.0000	FLOOD RISK
600 minute summer	SWMBRE03	600	15.895	0.345	0.1	0.0548	0.0000	FLOOD RISK
600 minute summer	SWMBIC06	600	15.895	0.715	2.8	0.4639	0.0000	FLOOD RISK
600 minute summer	SWMBIC07	600	15.895	1.030	16.5	0.7964	0.0000	FLOOD RISK
600 minute summer	SWMBRE02	600	15.895	0.345	0.5	0.1178	0.0000	FLOOD RISK
600 minute summer	SWMBIC05	600	15.895	0.420	1.4	0.1912	0.0000	FLOOD RISK
600 minute summer	SWMBRE01	600	15.895	0.195	0.4	0.0594	0.0000	SURCHARGED
600 minute summer	SWMBIC01	600	15.895	0.245	0.8	0.0692	0.0000	SURCHARGED
600 minute summer	SWMBIC02	600	15.895	0.295	0.8	0.0469	0.0000	SURCHARGED
600 minute summer	SWMBIC03	600	15.895	0.535	7.8	0.7776	0.0000	SURCHARGED
600 minute summer	SWMBRE05	600	15.895	0.140	1.9	0.1168	0.0000	OK
600 minute summer	SWMBIC04	600	15.895	0.625	11.0	0.5839	0.0000	SURCHARGED
600 minute summer	SWMBIC10	600	15.895	0.530	2.8	0.5477	0.0000	FLOOD RISK
600 minute summer	SWMBIC12	600	15.895	0.755	4.1	0.2138	0.0000	SURCHARGED
600 minute summer	SWMBRE06	600	15.896	0.346	0.0	0.0550	0.0000	SURCHARGED
600 minute summer	SWMBIC11	600	15.896	0.506	1.3	0.2403	0.0000	SURCHARGED
600 minute summer	SWMBIC14	600	15.896	0.941	10.5	1.0535	0.0000	FLOOD RISK
600 minute summer	SWMBIC13	600	15.896	0.361	1.3	0.2094	0.0000	SURCHARGED
600 minute summer	SWMBRE08	600	15.896	0.296	0.1	0.0471	0.0000	SURCHARGED
600 minute summer	SWMBRE09	600	15.896	0.296	0.1	0.0471	0.0000	SURCHARGED
600 minute summer	SWMBRE10	600	15.896	0.601	0.6	0.1021	0.0000	FLOOD RISK
600 minute summer	SWMBIC15	600	15.896	0.711	0.6	0.1130	0.0000	FLOOD RISK
600 minute summer	TANK	600	15.896	1.196	31.5	237.3913	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	SWMBRE04	6.000	SWMBIC08	0.2	-0.010	0.011	0.6472	
600 minute summer	SWMBIC08	6.001	SWMBIC09	2.3	0.473	0.040	0.7146	
600 minute summer	SWMBIC09	1.004	TANK	20.8	0.800	0.297	0.5281	
600 minute summer	SWMBRE03	5.000	SWMBIC06	-0.1	-0.008	-0.004	0.1338	
600 minute summer	SWMBIC06	4.002	SWMBIC07	2.8	0.649	0.163	0.3187	
600 minute summer	SWMBIC07	1.003	SWMBIC09	15.7	0.447	0.177	1.4902	
600 minute summer	SWMBRE02	4.000	SWMBIC05	0.5	0.290	0.029	0.1362	
600 minute summer	SWMBIC05	4.001	SWMBIC06	1.4	0.447	0.082	0.5608	
600 minute summer	SWMBRE01	2.000	SWMBIC01	0.4	0.287	0.025	0.1064	
600 minute summer	SWMBIC01	2.001	SWMBIC02	0.8	0.454	0.052	0.1148	
600 minute summer	SWMBIC02	2.002	SWMBIC03	0.8	0.466	0.051	0.2001	
600 minute summer	SWMBIC03	1.001	SWMBIC04	7.8	0.696	0.106	1.4293	
600 minute summer	SWMBRE05	1.000	SWMBIC03	1.9	0.541	0.045	1.5865	
600 minute summer	SWMBIC04	1.002	SWMBIC07	11.0	0.651	0.097	2.7377	
600 minute summer	SWMBIC10	9.000	SWMBIC12	2.8	0.597	0.048	0.7124	
600 minute summer	SWMBIC12	7.002	SWMBIC14	4.1	0.386	0.091	1.0078	
600 minute summer	SWMBRE06	7.000	SWMBIC11	0.1	0.010	0.007	0.2657	
600 minute summer	SWMBIC11	7.001	SWMBIC12	1.3	0.642	0.064	0.2324	
600 minute summer	SWMBIC14	7.003	TANK	9.8	0.740	0.231	0.2685	
600 minute summer	SWMBIC13	10.001	SWMBIC14	1.3	0.833	0.037	0.2328	
600 minute summer	SWMBRE08	11.000	SWMBIC13	-0.1	-0.013	-0.006	0.0628	
600 minute summer	SWMBRE09	10.000	SWMBIC13	-0.1	0.010	-0.006	0.1297	
600 minute summer	SWMBRE10	12.000	SWMBIC15	0.6	0.549	0.021	0.0780	
600 minute summer	SWMBIC15	12.001	SWMBIC14	0.6	0.414	0.033	0.2649	
600 minute summer	TANK	1.005	SWMBIC17	4.2	0.479	0.042	0.1723	

Results for 100 year +40% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.04%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	SWMBMN01	600	15.895	1.325	3.7	2.1917	0.0000	FLOOD RISK
600 minute summer	SW911	600	13.643	0.024	2.9	0.0000	0.0000	OK
600 minute summer	SWMBRE07	600	15.896	0.296	0.2	0.0053	0.0000	SURCHARGED
600 minute summer	SWMBIC16	600	15.895	0.410	0.2	0.0652	0.0000	FLOOD RISK
600 minute summer	SWMBIC17	600	15.896	1.216	4.2	0.3440	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	SWMBMN01	1.007	SW911	2.9	1.561	0.057	0.0216	121.4
600 minute summer	SWMBRE07	8.000	SWMBIC11	-0.2	0.012	-0.007	0.2201	
600 minute summer	SWMBIC16	3.000	SWMBIC04	-0.2	-0.012	-0.012	0.1148	
600 minute summer	SWMBIC17	1.006	SWMBMN01	3.1	0.136	0.040	1.5233	

Results for 100 year +40% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 98.31%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	SWMBRE04	645	15.616	0.266	0.1	0.0048	0.0000	SURCHARGED
720 minute summer	SWMBIC08	645	15.615	0.585	2.3	0.4584	0.0000	SURCHARGED
720 minute summer	SWMBIC09	675	15.615	0.885	17.9	0.6387	0.0000	SURCHARGED
720 minute summer	SWMBRE03	615	15.615	0.065	0.1	0.0103	0.0000	OK
720 minute summer	SWMBIC06	660	15.615	0.435	2.4	0.2822	0.0000	SURCHARGED
720 minute summer	SWMBIC07	675	15.615	0.750	14.3	0.5795	0.0000	SURCHARGED
720 minute summer	SWMBRE02	660	15.615	0.065	0.4	0.0220	0.0000	OK
720 minute summer	SWMBIC05	660	15.615	0.140	1.2	0.0636	0.0000	OK
720 minute summer	SWMBRE01	360	15.714	0.014	0.3	0.0043	0.0000	OK
720 minute summer	SWMBIC01	360	15.671	0.021	0.6	0.0058	0.0000	OK
720 minute summer	SWMBIC02	360	15.620	0.020	0.6	0.0032	0.0000	OK
720 minute summer	SWMBIC03	720	15.615	0.255	6.7	0.3699	0.0000	OK
720 minute summer	SWMBRE05	375	15.785	0.030	1.6	0.0250	0.0000	OK
720 minute summer	SWMBIC04	675	15.615	0.345	9.5	0.3219	0.0000	SURCHARGED
720 minute summer	SWMBIC10	615	15.615	0.250	2.4	0.2583	0.0000	SURCHARGED
720 minute summer	SWMBIC12	615	15.615	0.475	3.5	0.1344	0.0000	SURCHARGED
720 minute summer	SWMBRE06	690	15.615	0.065	0.0	0.0104	0.0000	OK
720 minute summer	SWMBIC11	615	15.615	0.225	1.1	0.1070	0.0000	SURCHARGED
720 minute summer	SWMBIC14	675	15.615	0.660	9.2	0.7393	0.0000	SURCHARGED
720 minute summer	SWMBIC13	615	15.616	0.081	1.1	0.0468	0.0000	OK
720 minute summer	SWMBRE08	615	15.616	0.016	0.1	0.0025	0.0000	OK
720 minute summer	SWMBRE09	615	15.616	0.016	0.1	0.0025	0.0000	OK
720 minute summer	SWMBRE10	660	15.615	0.320	0.5	0.0545	0.0000	SURCHARGED
720 minute summer	SWMBIC15	675	15.615	0.430	0.5	0.0684	0.0000	SURCHARGED
720 minute summer	TANK	675	15.615	0.915	27.0	237.3396	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	SWMBRE04	6.000	SWMBIC08	0.2	-0.011	0.012	0.6472	
720 minute summer	SWMBIC08	6.001	SWMBIC09	1.9	0.473	0.033	0.7146	
720 minute summer	SWMBIC09	1.004	TANK	17.8	0.750	0.255	0.5281	
720 minute summer	SWMBRE03	5.000	SWMBIC06	-0.1	-0.005	-0.002	0.0947	
720 minute summer	SWMBIC06	4.002	SWMBIC07	2.4	0.608	0.140	0.3187	
720 minute summer	SWMBIC07	1.003	SWMBIC09	13.5	0.436	0.153	1.4902	
720 minute summer	SWMBRE02	4.000	SWMBIC05	0.4	0.262	0.023	0.0942	
720 minute summer	SWMBIC05	4.001	SWMBIC06	1.2	0.428	0.070	0.5526	
720 minute summer	SWMBRE01	2.000	SWMBIC01	0.3	0.264	0.019	0.0069	
720 minute summer	SWMBIC01	2.001	SWMBIC02	0.6	0.418	0.039	0.0094	
720 minute summer	SWMBIC02	2.002	SWMBIC03	0.6	0.428	0.038	0.0798	
720 minute summer	SWMBIC03	1.001	SWMBIC04	6.7	0.665	0.091	1.3614	
720 minute summer	SWMBRE05	1.000	SWMBIC03	1.6	0.514	0.038	0.8378	
720 minute summer	SWMBIC04	1.002	SWMBIC07	9.5	0.602	0.084	2.7377	
720 minute summer	SWMBIC10	9.000	SWMBIC12	2.4	0.571	0.041	0.7124	
720 minute summer	SWMBIC12	7.002	SWMBIC14	3.5	0.377	0.078	1.0078	
720 minute summer	SWMBRE06	7.000	SWMBIC11	0.1	0.008	0.006	0.1884	
720 minute summer	SWMBIC11	7.001	SWMBIC12	1.1	0.614	0.054	0.2324	
720 minute summer	SWMBIC14	7.003	TANK	8.5	0.698	0.201	0.2685	
720 minute summer	SWMBIC13	10.001	SWMBIC14	1.1	0.808	0.032	0.1801	
720 minute summer	SWMBRE08	11.000	SWMBIC13	0.1	0.017	0.003	0.0190	
720 minute summer	SWMBRE09	10.000	SWMBIC13	0.1	0.020	0.006	0.0392	
720 minute summer	SWMBRE10	12.000	SWMBIC15	0.5	0.518	0.018	0.0780	
720 minute summer	SWMBIC15	12.001	SWMBIC14	0.5	0.383	0.028	0.2649	
720 minute summer	TANK	1.005	SWMBIC17	5.0	0.496	0.050	0.1723	

Results for 100 year +40% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 98.31%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	SWMBMN01	705	15.616	1.046	3.3	1.7305	0.0000	SURCHARGED
720 minute summer	SW911	675	13.642	0.023	2.6	0.0000	0.0000	OK
720 minute summer	SWMBRE07	615	15.616	0.016	0.1	0.0003	0.0000	OK
720 minute summer	SWMBIC16	615	15.615	0.130	0.2	0.0206	0.0000	OK
720 minute summer	SWMBIC17	660	15.616	0.936	5.0	0.2648	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	SWMBMN01	1.007	SW911	2.6	1.514	0.051	0.0200	134.3
720 minute summer	SWMBRE07	8.000	SWMBIC11	0.1	0.009	0.004	0.1162	
720 minute summer	SWMBIC16	3.000	SWMBIC04	-0.2	-0.009	-0.009	0.1102	
720 minute summer	SWMBIC17	1.006	SWMBMN01	3.3	0.141	0.042	1.5233	

Results for 1 year Critical Storm Duration. Lowest mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMBRE04	15	15.350	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC08	480	15.042	0.012	0.3	0.0092	0.0000	OK
960 minute summer	SWMBIC09	480	14.772	0.042	2.7	0.0301	0.0000	OK
960 minute summer	SWMBRE03	15	15.550	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC06	495	15.196	0.016	0.4	0.0104	0.0000	OK
960 minute summer	SWMBIC07	495	14.896	0.031	2.0	0.0240	0.0000	OK
960 minute summer	SWMBRE02	480	15.558	0.008	0.1	0.0028	0.0000	OK
960 minute summer	SWMBIC05	480	15.486	0.011	0.2	0.0052	0.0000	OK
960 minute summer	SWMBRE01	15	15.700	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC01	15	15.650	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC02	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC03	480	15.382	0.022	0.8	0.0323	0.0000	OK
960 minute summer	SWMBRE05	480	15.766	0.011	0.2	0.0095	0.0000	OK
960 minute summer	SWMBIC04	480	15.292	0.022	1.2	0.0203	0.0000	OK
960 minute summer	SWMBIC10	465	15.377	0.012	0.3	0.0121	0.0000	OK
960 minute summer	SWMBIC12	495	15.157	0.017	0.5	0.0048	0.0000	OK
960 minute summer	SWMBRE06	15	15.550	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC11	495	15.401	0.011	0.2	0.0051	0.0000	OK
960 minute summer	SWMBIC14	495	14.984	0.029	1.4	0.0323	0.0000	OK
960 minute summer	SWMBIC13	495	15.543	0.008	0.2	0.0048	0.0000	OK
960 minute summer	SWMBRE08	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBRE09	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBRE10	465	15.302	0.007	0.1	0.0011	0.0000	OK
960 minute summer	SWMBIC15	465	15.193	0.008	0.1	0.0013	0.0000	OK
960 minute summer	TANK	570	14.765	0.065	4.1	16.7954	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC08	6.001	SWMBIC09	0.3	0.384	0.005	0.0140	
960 minute summer	SWMBIC09	1.004	TANK	2.7	0.472	0.039	0.0598	
960 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0038	
960 minute summer	SWMBIC06	4.002	SWMBIC07	0.4	0.399	0.024	0.0181	
960 minute summer	SWMBIC07	1.003	SWMBIC09	2.0	0.427	0.023	0.1029	
960 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0038	
960 minute summer	SWMBIC05	4.001	SWMBIC06	0.2	0.249	0.012	0.0258	
960 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC03	1.001	SWMBIC04	0.8	0.348	0.011	0.0467	
960 minute summer	SWMBRE05	1.000	SWMBIC03	0.2	0.278	0.005	0.0348	
960 minute summer	SWMBIC04	1.002	SWMBIC07	1.2	0.410	0.011	0.1183	
960 minute summer	SWMBIC10	9.000	SWMBIC12	0.3	0.313	0.005	0.0189	
960 minute summer	SWMBIC12	7.002	SWMBIC14	0.5	0.238	0.011	0.0544	
960 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0041	
960 minute summer	SWMBIC11	7.001	SWMBIC12	0.2	0.368	0.010	0.0072	
960 minute summer	SWMBIC14	7.003	TANK	1.4	0.485	0.033	0.0195	
960 minute summer	SWMBIC13	10.001	SWMBIC14	0.2	0.531	0.006	0.0050	
960 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0007	
960 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0014	
960 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.320	0.004	0.0014	
960 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
960 minute summer	TANK	1.005	SWMBIC17	2.3	0.493	0.023	0.0335	

Results for 1 year Critical Storm Duration. Lowest mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMBMN01	570	14.764	0.194	2.4	0.3216	0.0000	SURCHARGED
960 minute summer	SW911	570	13.641	0.022	2.4	0.0000	0.0000	OK
960 minute summer	SWMBRE07	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC16	15	15.485	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC17	570	14.765	0.085	2.3	0.0239	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	SWMBMN01	1.007	SW911	2.4	1.475	0.047	0.0188	59.5
960 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0034	
960 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC17	1.006	SWMBMN01	2.3	0.143	0.029	0.6983	

Results for 30 year Critical Storm Duration. Lowest mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMBRE04	15	15.350	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC08	675	15.070	0.040	1.0	0.0316	0.0000	OK
960 minute summer	SWMBIC09	675	15.070	0.340	8.1	0.2458	0.0000	SURCHARGED
960 minute summer	SWMBRE03	15	15.550	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC06	495	15.205	0.025	1.0	0.0162	0.0000	OK
960 minute summer	SWMBIC07	675	15.070	0.205	6.1	0.1588	0.0000	OK
960 minute summer	SWMBRE02	495	15.561	0.011	0.2	0.0039	0.0000	OK
960 minute summer	SWMBIC05	495	15.493	0.018	0.5	0.0080	0.0000	OK
960 minute summer	SWMBRE01	405	15.709	0.009	0.1	0.0026	0.0000	OK
960 minute summer	SWMBIC01	405	15.662	0.012	0.2	0.0034	0.0000	OK
960 minute summer	SWMBIC02	405	15.612	0.012	0.2	0.0019	0.0000	OK
960 minute summer	SWMBIC03	495	15.400	0.040	2.8	0.0588	0.0000	OK
960 minute summer	SWMBRE05	495	15.775	0.020	0.7	0.0169	0.0000	OK
960 minute summer	SWMBIC04	495	15.308	0.038	4.0	0.0358	0.0000	OK
960 minute summer	SWMBIC10	495	15.386	0.021	1.0	0.0212	0.0000	OK
960 minute summer	SWMBIC12	495	15.168	0.028	1.5	0.0080	0.0000	OK
960 minute summer	SWMBRE06	15	15.550	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC11	495	15.406	0.016	0.5	0.0078	0.0000	OK
960 minute summer	SWMBIC14	675	15.070	0.115	3.9	0.1293	0.0000	OK
960 minute summer	SWMBIC13	495	15.548	0.013	0.5	0.0074	0.0000	OK
960 minute summer	SWMBRE08	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBRE09	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBRE10	465	15.304	0.009	0.2	0.0016	0.0000	OK
960 minute summer	SWMBIC15	465	15.196	0.011	0.2	0.0018	0.0000	OK
960 minute summer	TANK	675	15.070	0.370	11.8	96.1215	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)
960 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC08	6.001	SWMBIC09	1.0	0.473	0.017	0.4007	
960 minute summer	SWMBIC09	1.004	TANK	7.9	0.573	0.113	0.5281	
960 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0073	
960 minute summer	SWMBIC06	4.002	SWMBIC07	1.0	0.524	0.059	0.0590	
960 minute summer	SWMBIC07	1.003	SWMBIC09	6.0	0.470	0.068	1.2891	
960 minute summer	SWMBRE02	4.000	SWMBIC05	0.2	0.231	0.011	0.0068	
960 minute summer	SWMBIC05	4.001	SWMBIC06	0.5	0.327	0.029	0.0491	
960 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
960 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
960 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
960 minute summer	SWMBIC03	1.001	SWMBIC04	2.8	0.515	0.038	0.1104	
960 minute summer	SWMBRE05	1.000	SWMBIC03	0.7	0.402	0.017	0.0842	
960 minute summer	SWMBIC04	1.002	SWMBIC07	4.0	0.594	0.035	1.0292	
960 minute summer	SWMBIC10	9.000	SWMBIC12	1.0	0.435	0.017	0.0417	
960 minute summer	SWMBIC12	7.002	SWMBIC14	1.5	0.335	0.034	0.2715	
960 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0078	
960 minute summer	SWMBIC11	7.001	SWMBIC12	0.5	0.486	0.024	0.0136	
960 minute summer	SWMBIC14	7.003	TANK	3.9	0.647	0.092	0.1713	
960 minute summer	SWMBIC13	10.001	SWMBIC14	0.5	0.705	0.014	0.0268	
960 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0013	
960 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0026	
960 minute summer	SWMBRE10	12.000	SWMBIC15	0.2	0.393	0.007	0.0023	
960 minute summer	SWMBIC15	12.001	SWMBIC14	0.2	0.337	0.011	0.0288	
960 minute summer	TANK	1.005	SWMBIC17	5.9	0.493	0.059	0.1723	

Results for 30 year Critical Storm Duration. Lowest mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMBMN01	675	15.072	0.502	3.1	0.8296	0.0000	SURCHARGED
1440 minute summer	SW911	1440	13.642	0.023	2.5	0.0000	0.0000	OK
960 minute summer	SWMBRE07	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC16	15	15.485	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC17	675	15.071	0.391	5.9	0.1107	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)
960 minute summer	SWMBMN01	1.007	SW911	2.5	1.490	0.048	0.0192	145.4
960 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0065	
960 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC17	1.006	SWMBMN01	3.0	0.144	0.039	1.5233	

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.32%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMBRE04	825	15.579	0.229	0.1	0.0041	0.0000	SURCHARGED
960 minute summer	SWMBIC08	825	15.578	0.548	1.8	0.4293	0.0000	SURCHARGED
960 minute summer	SWMBIC09	810	15.578	0.848	14.7	0.6124	0.0000	SURCHARGED
960 minute summer	SWMBRE03	810	15.579	0.029	0.0	0.0045	0.0000	OK
960 minute summer	SWMBIC06	810	15.578	0.398	1.9	0.2586	0.0000	SURCHARGED
960 minute summer	SWMBIC07	810	15.578	0.713	11.6	0.5513	0.0000	SURCHARGED
960 minute summer	SWMBRE02	810	15.578	0.028	0.3	0.0096	0.0000	OK
960 minute summer	SWMBIC05	825	15.578	0.103	0.9	0.0469	0.0000	OK
960 minute summer	SWMBRE01	495	15.714	0.014	0.3	0.0043	0.0000	OK
960 minute summer	SWMBIC01	495	15.671	0.021	0.6	0.0058	0.0000	OK
960 minute summer	SWMBIC02	495	15.620	0.020	0.6	0.0032	0.0000	OK
960 minute summer	SWMBIC03	810	15.578	0.218	5.4	0.3170	0.0000	OK
960 minute summer	SWMBRE05	495	15.782	0.027	1.3	0.0226	0.0000	OK
960 minute summer	SWMBIC04	810	15.578	0.308	7.7	0.2879	0.0000	SURCHARGED
960 minute summer	SWMBIC10	825	15.578	0.213	1.9	0.2201	0.0000	OK
960 minute summer	SWMBIC12	810	15.578	0.438	2.8	0.1240	0.0000	SURCHARGED
960 minute summer	SWMBRE06	810	15.578	0.028	0.0	0.0045	0.0000	OK
960 minute summer	SWMBIC11	810	15.578	0.188	0.9	0.0894	0.0000	SURCHARGED
960 minute summer	SWMBIC14	810	15.578	0.623	7.3	0.6979	0.0000	SURCHARGED
960 minute summer	SWMBIC13	810	15.578	0.043	0.9	0.0250	0.0000	OK
960 minute summer	SWMBRE08	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBRE09	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBRE10	825	15.578	0.283	0.4	0.0481	0.0000	SURCHARGED
960 minute summer	SWMBIC15	825	15.578	0.393	0.4	0.0625	0.0000	SURCHARGED
960 minute summer	TANK	810	15.578	0.878	21.1	227.9211	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)
960 minute summer	SWMBRE04	6.000	SWMBIC08	-0.1	-0.008	-0.007	0.6472	
960 minute summer	SWMBIC08	6.001	SWMBIC09	1.5	0.449	0.026	0.7146	
960 minute summer	SWMBIC09	1.004	TANK	14.6	0.727	0.208	0.5281	
960 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	-0.003	0.001	0.0758	
960 minute summer	SWMBIC06	4.002	SWMBIC07	1.9	0.576	0.112	0.3187	
960 minute summer	SWMBIC07	1.003	SWMBIC09	11.2	0.432	0.127	1.4902	
960 minute summer	SWMBRE02	4.000	SWMBIC05	0.3	0.241	0.017	0.0588	
960 minute summer	SWMBIC05	4.001	SWMBIC06	0.9	0.393	0.053	0.4860	
960 minute summer	SWMBRE01	2.000	SWMBIC01	0.3	0.264	0.019	0.0069	
960 minute summer	SWMBIC01	2.001	SWMBIC02	0.6	0.418	0.039	0.0094	
960 minute summer	SWMBIC02	2.002	SWMBIC03	0.6	0.428	0.038	0.0443	
960 minute summer	SWMBIC03	1.001	SWMBIC04	5.4	0.624	0.073	1.2717	
960 minute summer	SWMBRE05	1.000	SWMBIC03	1.3	0.483	0.031	0.6575	
960 minute summer	SWMBIC04	1.002	SWMBIC07	7.7	0.599	0.068	2.7377	
960 minute summer	SWMBIC10	9.000	SWMBIC12	1.9	0.530	0.033	0.7049	
960 minute summer	SWMBIC12	7.002	SWMBIC14	2.8	0.374	0.063	1.0078	
960 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.003	0.002	0.1501	
960 minute summer	SWMBIC11	7.001	SWMBIC12	0.9	0.579	0.044	0.2324	
960 minute summer	SWMBIC14	7.003	TANK	6.8	0.687	0.159	0.2685	
960 minute summer	SWMBIC13	10.001	SWMBIC14	0.9	0.778	0.026	0.1440	
960 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0074	
960 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0154	
960 minute summer	SWMBRE10	12.000	SWMBIC15	0.4	0.485	0.014	0.0780	
960 minute summer	SWMBIC15	12.001	SWMBIC14	0.4	0.383	0.022	0.2649	
960 minute summer	TANK	1.005	SWMBIC17	5.0	0.489	0.050	0.1723	

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.32%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMBMN01	780	15.579	1.009	3.3	1.6686	0.0000	SURCHARGED
960 minute summer	SW911	870	13.642	0.023	2.6	0.0000	0.0000	OK
960 minute summer	SWMBRE07	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC16	810	15.578	0.093	0.0	0.0148	0.0000	OK
960 minute summer	SWMBIC17	840	15.579	0.899	5.0	0.2544	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)
960 minute summer	SWMBMN01	1.007	SW911	2.6	1.507	0.050	0.0198	165.6
960 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.1100	
960 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.004	0.002	0.0950	
960 minute summer	SWMBIC17	1.006	SWMBMN01	3.0	0.145	0.039	1.5233	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMBRE04	15	15.350	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC08	480	15.042	0.012	0.3	0.0092	0.0000	OK
960 minute summer	SWMBIC09	480	14.772	0.042	2.7	0.0301	0.0000	OK
960 minute summer	SWMBRE03	15	15.550	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC06	495	15.196	0.016	0.4	0.0104	0.0000	OK
960 minute summer	SWMBIC07	495	14.896	0.031	2.0	0.0240	0.0000	OK
960 minute summer	SWMBRE02	480	15.558	0.008	0.1	0.0028	0.0000	OK
960 minute summer	SWMBIC05	480	15.486	0.011	0.2	0.0052	0.0000	OK
960 minute summer	SWMBRE01	15	15.700	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC01	15	15.650	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC02	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC03	480	15.382	0.022	0.8	0.0323	0.0000	OK
960 minute summer	SWMBRE05	480	15.766	0.011	0.2	0.0095	0.0000	OK
960 minute summer	SWMBIC04	480	15.292	0.022	1.2	0.0203	0.0000	OK
960 minute summer	SWMBIC10	465	15.377	0.012	0.3	0.0121	0.0000	OK
960 minute summer	SWMBIC12	495	15.157	0.017	0.5	0.0048	0.0000	OK
960 minute summer	SWMBRE06	15	15.550	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC11	495	15.401	0.011	0.2	0.0051	0.0000	OK
960 minute summer	SWMBIC14	495	14.984	0.029	1.4	0.0323	0.0000	OK
960 minute summer	SWMBIC13	495	15.543	0.008	0.2	0.0048	0.0000	OK
960 minute summer	SWMBRE08	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBRE09	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBRE10	465	15.302	0.007	0.1	0.0011	0.0000	OK
960 minute summer	SWMBIC15	465	15.193	0.008	0.1	0.0013	0.0000	OK
960 minute summer	TANK	570	14.765	0.065	4.1	16.7954	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC08	6.001	SWMBIC09	0.3	0.384	0.005	0.0140	
960 minute summer	SWMBIC09	1.004	TANK	2.7	0.472	0.039	0.0598	
960 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0038	
960 minute summer	SWMBIC06	4.002	SWMBIC07	0.4	0.399	0.024	0.0181	
960 minute summer	SWMBIC07	1.003	SWMBIC09	2.0	0.427	0.023	0.1029	
960 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0038	
960 minute summer	SWMBIC05	4.001	SWMBIC06	0.2	0.249	0.012	0.0258	
960 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC03	1.001	SWMBIC04	0.8	0.348	0.011	0.0467	
960 minute summer	SWMBRE05	1.000	SWMBIC03	0.2	0.278	0.005	0.0348	
960 minute summer	SWMBIC04	1.002	SWMBIC07	1.2	0.410	0.011	0.1183	
960 minute summer	SWMBIC10	9.000	SWMBIC12	0.3	0.313	0.005	0.0189	
960 minute summer	SWMBIC12	7.002	SWMBIC14	0.5	0.238	0.011	0.0544	
960 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0041	
960 minute summer	SWMBIC11	7.001	SWMBIC12	0.2	0.368	0.010	0.0072	
960 minute summer	SWMBIC14	7.003	TANK	1.4	0.485	0.033	0.0195	
960 minute summer	SWMBIC13	10.001	SWMBIC14	0.2	0.531	0.006	0.0050	
960 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0007	
960 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0014	
960 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.320	0.004	0.0014	
960 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
960 minute summer	TANK	1.005	SWMBIC17	2.3	0.493	0.023	0.0335	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMBMN01	570	14.764	0.194	2.4	0.3216	0.0000	SURCHARGED
960 minute summer	SW911	570	13.641	0.022	2.4	0.0000	0.0000	OK
960 minute summer	SWMBRE07	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC16	15	15.485	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC17	570	14.765	0.085	2.3	0.0239	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	SWMBMN01	1.007	SW911	2.4	1.475	0.047	0.0188	59.5
960 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0034	
960 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC17	1.006	SWMBMN01	2.3	0.143	0.029	0.6983	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	SWMBRE04	30	15.350	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC08	690	15.040	0.010	0.2	0.0077	0.0000	OK
1440 minute summer	SWMBIC09	720	14.766	0.036	2.0	0.0257	0.0000	OK
1440 minute summer	SWMBRE03	30	15.550	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC06	690	15.192	0.012	0.2	0.0075	0.0000	OK
1440 minute summer	SWMBIC07	750	14.892	0.027	1.5	0.0209	0.0000	OK
1440 minute summer	SWMBRE02	30	15.550	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC05	690	15.483	0.008	0.1	0.0038	0.0000	OK
1440 minute summer	SWMBRE01	30	15.700	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC01	30	15.650	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC02	30	15.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC03	750	15.381	0.021	0.7	0.0306	0.0000	OK
1440 minute summer	SWMBRE05	750	15.766	0.011	0.2	0.0095	0.0000	OK
1440 minute summer	SWMBIC04	750	15.290	0.020	1.0	0.0188	0.0000	OK
1440 minute summer	SWMBIC10	750	15.377	0.012	0.3	0.0121	0.0000	OK
1440 minute summer	SWMBIC12	750	15.155	0.015	0.4	0.0043	0.0000	OK
1440 minute summer	SWMBRE06	30	15.550	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC11	630	15.398	0.008	0.1	0.0036	0.0000	OK
1440 minute summer	SWMBIC14	750	14.980	0.025	1.0	0.0275	0.0000	OK
1440 minute summer	SWMBIC13	630	15.541	0.006	0.1	0.0035	0.0000	OK
1440 minute summer	SWMBRE08	30	15.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBRE09	30	15.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBRE10	750	15.302	0.007	0.1	0.0011	0.0000	OK
1440 minute summer	SWMBIC15	750	15.193	0.008	0.1	0.0013	0.0000	OK
1440 minute summer	TANK	810	14.745	0.045	3.0	11.6106	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
1440 minute summer	SWMBIC08	6.001	SWMBIC09	0.2	0.343	0.003	0.0105	
1440 minute summer	SWMBIC09	1.004	TANK	2.0	0.429	0.029	0.0386	
1440 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0024	
1440 minute summer	SWMBIC06	4.002	SWMBIC07	0.2	0.324	0.012	0.0112	
1440 minute summer	SWMBIC07	1.003	SWMBIC09	1.5	0.387	0.017	0.0825	
1440 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0015	
1440 minute summer	SWMBIC05	4.001	SWMBIC06	0.1	0.204	0.006	0.0159	
1440 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
1440 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
1440 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
1440 minute summer	SWMBIC03	1.001	SWMBIC04	0.7	0.338	0.009	0.0420	
1440 minute summer	SWMBRE05	1.000	SWMBIC03	0.2	0.278	0.005	0.0348	
1440 minute summer	SWMBIC04	1.002	SWMBIC07	1.0	0.392	0.009	0.0994	
1440 minute summer	SWMBIC10	9.000	SWMBIC12	0.3	0.313	0.005	0.0172	
1440 minute summer	SWMBIC12	7.002	SWMBIC14	0.4	0.235	0.009	0.0439	
1440 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0025	
1440 minute summer	SWMBIC11	7.001	SWMBIC12	0.1	0.298	0.005	0.0044	
1440 minute summer	SWMBIC14	7.003	TANK	1.0	0.439	0.024	0.0154	
1440 minute summer	SWMBIC13	10.001	SWMBIC14	0.1	0.436	0.003	0.0030	
1440 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0004	
1440 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0009	
1440 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.317	0.004	0.0014	
1440 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
1440 minute summer	TANK	1.005	SWMBIC17	2.6	0.477	0.025	0.0214	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	SWMBMN01	810	14.745	0.175	2.5	0.2889	0.0000	SURCHARGED
1440 minute summer	SW911	810	13.641	0.022	2.4	0.0000	0.0000	OK
1440 minute summer	SWMBRE07	30	15.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC16	30	15.485	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC17	780	14.744	0.064	2.6	0.0181	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	SWMBMN01	1.007	SW911	2.4	1.466	0.046	0.0185	58.1
1440 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0021	
1440 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
1440 minute summer	SWMBIC17	1.006	SWMBMN01	2.3	0.146	0.029	0.5785	

Results for 1 year 2160 minute summer. 2400 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
2160 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC08	1140	15.040	0.010	0.2	0.0077	0.0000	OK
2160 minute summer	SWMBIC09	1080	14.760	0.030	1.4	0.0217	0.0000	OK
2160 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC06	1140	15.192	0.012	0.2	0.0075	0.0000	OK
2160 minute summer	SWMBIC07	1140	14.887	0.022	1.0	0.0173	0.0000	OK
2160 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC05	1140	15.483	0.008	0.1	0.0038	0.0000	OK
2160 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC03	1080	15.376	0.016	0.4	0.0234	0.0000	OK
2160 minute summer	SWMBRE05	960	15.764	0.009	0.1	0.0072	0.0000	OK
2160 minute summer	SWMBIC04	1080	15.286	0.016	0.6	0.0147	0.0000	OK
2160 minute summer	SWMBIC10	1140	15.375	0.010	0.2	0.0101	0.0000	OK
2160 minute summer	SWMBIC12	1140	15.153	0.013	0.3	0.0038	0.0000	OK
2160 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC11	1020	15.398	0.008	0.1	0.0036	0.0000	OK
2160 minute summer	SWMBIC14	1140	14.976	0.021	0.7	0.0231	0.0000	OK
2160 minute summer	SWMBIC13	1020	15.541	0.006	0.1	0.0035	0.0000	OK
2160 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBRE10	60	15.295	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC15	60	15.185	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	TANK	1140	14.732	0.032	2.1	8.4000	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
2160 minute summer	SWMBIC08	6.001	SWMBIC09	0.2	0.343	0.003	0.0105	
2160 minute summer	SWMBIC09	1.004	TANK	1.4	0.383	0.020	0.0288	
2160 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0024	
2160 minute summer	SWMBIC06	4.002	SWMBIC07	0.2	0.324	0.012	0.0112	
2160 minute summer	SWMBIC07	1.003	SWMBIC09	1.0	0.338	0.011	0.0635	
2160 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0015	
2160 minute summer	SWMBIC05	4.001	SWMBIC06	0.1	0.204	0.006	0.0159	
2160 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
2160 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
2160 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
2160 minute summer	SWMBIC03	1.001	SWMBIC04	0.4	0.282	0.005	0.0288	
2160 minute summer	SWMBRE05	1.000	SWMBIC03	0.1	0.252	0.002	0.0192	
2160 minute summer	SWMBIC04	1.002	SWMBIC07	0.6	0.351	0.005	0.0732	
2160 minute summer	SWMBIC10	9.000	SWMBIC12	0.2	0.263	0.003	0.0136	
2160 minute summer	SWMBIC12	7.002	SWMBIC14	0.3	0.223	0.007	0.0347	
2160 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0025	
2160 minute summer	SWMBIC11	7.001	SWMBIC12	0.1	0.298	0.005	0.0044	
2160 minute summer	SWMBIC14	7.003	TANK	0.7	0.396	0.017	0.0119	
2160 minute summer	SWMBIC13	10.001	SWMBIC14	0.1	0.436	0.003	0.0030	
2160 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0004	
2160 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0009	
2160 minute summer	SWMBRE10	12.000	SWMBIC15	0.0	0.000	0.000	0.0000	
2160 minute summer	SWMBIC15	12.001	SWMBIC14	0.0	0.000	0.000	0.0000	
2160 minute summer	TANK	1.005	SWMBIC17	2.0	0.491	0.020	0.0101	

Results for 1 year 2160 minute summer. 2400 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
2160 minute summer	SWMBMN01	1140	14.700	0.130	2.2	0.2153	0.0000	OK
2160 minute summer	SW911	1140	13.640	0.021	2.2	0.0000	0.0000	OK
2160 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC17	1140	14.713	0.033	2.0	0.0093	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	SWMBMN01	1.007	SW911	2.2	1.433	0.042	0.0175	57.6
2160 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0021	
2160 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
2160 minute summer	SWMBIC17	1.006	SWMBMN01	2.0	0.148	0.026	0.3619	

Results for 1 year 2880 minute summer. 3120 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
2880 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC08	1200	15.037	0.007	0.1	0.0057	0.0000	OK
2880 minute summer	SWMBIC09	1440	14.758	0.028	1.2	0.0201	0.0000	OK
2880 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC06	1380	15.188	0.008	0.1	0.0054	0.0000	OK
2880 minute summer	SWMBIC07	1500	14.886	0.021	0.9	0.0165	0.0000	OK
2880 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC05	60	15.475	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC03	1500	15.376	0.016	0.4	0.0234	0.0000	OK
2880 minute summer	SWMBRE05	1320	15.764	0.009	0.1	0.0072	0.0000	OK
2880 minute summer	SWMBIC04	1500	15.286	0.016	0.6	0.0147	0.0000	OK
2880 minute summer	SWMBIC10	1200	15.372	0.007	0.1	0.0074	0.0000	OK
2880 minute summer	SWMBIC12	1440	15.151	0.011	0.2	0.0031	0.0000	OK
2880 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC11	1440	15.398	0.008	0.1	0.0036	0.0000	OK
2880 minute summer	SWMBIC14	1440	14.973	0.018	0.5	0.0196	0.0000	OK
2880 minute summer	SWMBIC13	1440	15.541	0.006	0.1	0.0035	0.0000	OK
2880 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBRE10	60	15.295	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC15	60	15.185	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	TANK	1500	14.729	0.029	1.7	7.5230	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
2880 minute summer	SWMBIC08	6.001	SWMBIC09	0.1	0.291	0.002	0.0062	
2880 minute summer	SWMBIC09	1.004	TANK	1.2	0.379	0.017	0.0252	
2880 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0015	
2880 minute summer	SWMBIC06	4.002	SWMBIC07	0.1	0.262	0.006	0.0069	
2880 minute summer	SWMBIC07	1.003	SWMBIC09	0.9	0.332	0.010	0.0577	
2880 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0000	
2880 minute summer	SWMBIC05	4.001	SWMBIC06	0.0	0.000	0.000	0.0061	
2880 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
2880 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
2880 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
2880 minute summer	SWMBIC03	1.001	SWMBIC04	0.4	0.282	0.005	0.0288	
2880 minute summer	SWMBRE05	1.000	SWMBIC03	0.1	0.252	0.002	0.0192	
2880 minute summer	SWMBIC04	1.002	SWMBIC07	0.6	0.337	0.005	0.0699	
2880 minute summer	SWMBIC10	9.000	SWMBIC12	0.1	0.253	0.002	0.0095	
2880 minute summer	SWMBIC12	7.002	SWMBIC14	0.2	0.193	0.005	0.0269	
2880 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0025	
2880 minute summer	SWMBIC11	7.001	SWMBIC12	0.1	0.298	0.005	0.0044	
2880 minute summer	SWMBIC14	7.003	TANK	0.5	0.358	0.012	0.0094	
2880 minute summer	SWMBIC13	10.001	SWMBIC14	0.1	0.436	0.003	0.0030	
2880 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0004	
2880 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0009	
2880 minute summer	SWMBRE10	12.000	SWMBIC15	0.0	0.000	0.000	0.0000	
2880 minute summer	SWMBIC15	12.001	SWMBIC14	0.0	0.000	0.000	0.0000	
2880 minute summer	TANK	1.005	SWMBIC17	1.6	0.464	0.016	0.0086	

Results for 1 year 2880 minute summer. 3120 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
2880 minute summer	SWMBMN01	1500	14.673	0.103	1.8	0.1709	0.0000	OK
2880 minute summer	SW911	1500	13.638	0.019	1.8	0.0000	0.0000	OK
2880 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC17	1500	14.710	0.030	1.6	0.0084	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	SWMBMN01	1.007	SW911	1.8	1.360	0.036	0.0155	57.1
2880 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0021	
2880 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
2880 minute summer	SWMBIC17	1.006	SWMBMN01	1.6	0.147	0.021	0.2713	

Results for 1 year 4320 minute summer. 4560 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
4320 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC08	1860	15.037	0.007	0.1	0.0057	0.0000	OK
4320 minute summer	SWMBIC09	2100	14.753	0.023	0.8	0.0166	0.0000	OK
4320 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC06	2160	15.188	0.008	0.1	0.0054	0.0000	OK
4320 minute summer	SWMBIC07	2160	14.883	0.018	0.6	0.0137	0.0000	OK
4320 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC05	60	15.475	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC03	2100	15.374	0.014	0.3	0.0208	0.0000	OK
4320 minute summer	SWMBRE05	2040	15.764	0.009	0.1	0.0072	0.0000	OK
4320 minute summer	SWMBIC04	2100	15.283	0.013	0.4	0.0123	0.0000	OK
4320 minute summer	SWMBIC10	1860	15.372	0.007	0.1	0.0074	0.0000	OK
4320 minute summer	SWMBIC12	2220	15.151	0.011	0.2	0.0031	0.0000	OK
4320 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC11	2220	15.398	0.008	0.1	0.0036	0.0000	OK
4320 minute summer	SWMBIC14	2220	14.973	0.018	0.5	0.0196	0.0000	OK
4320 minute summer	SWMBIC13	2220	15.541	0.006	0.1	0.0035	0.0000	OK
4320 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBRE10	60	15.295	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC15	60	15.185	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	TANK	2220	14.725	0.025	1.3	6.5826	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
4320 minute summer	SWMBIC08	6.001	SWMBIC09	0.1	0.291	0.002	0.0062	
4320 minute summer	SWMBIC09	1.004	TANK	0.8	0.369	0.011	0.0196	
4320 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0015	
4320 minute summer	SWMBIC06	4.002	SWMBIC07	0.1	0.262	0.006	0.0069	
4320 minute summer	SWMBIC07	1.003	SWMBIC09	0.6	0.301	0.007	0.0435	
4320 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0000	
4320 minute summer	SWMBIC05	4.001	SWMBIC06	0.0	0.000	0.000	0.0061	
4320 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
4320 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
4320 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
4320 minute summer	SWMBIC03	1.001	SWMBIC04	0.3	0.267	0.004	0.0228	
4320 minute summer	SWMBRE05	1.000	SWMBIC03	0.1	0.252	0.002	0.0192	
4320 minute summer	SWMBIC04	1.002	SWMBIC07	0.4	0.318	0.004	0.0526	
4320 minute summer	SWMBIC10	9.000	SWMBIC12	0.1	0.253	0.002	0.0095	
4320 minute summer	SWMBIC12	7.002	SWMBIC14	0.2	0.193	0.005	0.0269	
4320 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0025	
4320 minute summer	SWMBIC11	7.001	SWMBIC12	0.1	0.298	0.005	0.0044	
4320 minute summer	SWMBIC14	7.003	TANK	0.5	0.358	0.012	0.0094	
4320 minute summer	SWMBIC13	10.001	SWMBIC14	0.1	0.436	0.003	0.0030	
4320 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0004	
4320 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0009	
4320 minute summer	SWMBRE10	12.000	SWMBIC15	0.0	0.000	0.000	0.0000	
4320 minute summer	SWMBIC15	12.001	SWMBIC14	0.0	0.000	0.000	0.0000	
4320 minute summer	TANK	1.005	SWMBIC17	1.3	0.432	0.013	0.0071	

Results for 1 year 4320 minute summer. 4560 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
4320 minute summer	SWMBMN01	2220	14.655	0.085	1.5	0.1403	0.0000	OK
4320 minute summer	SW911	2220	13.636	0.017	1.5	0.0000	0.0000	OK
4320 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC17	2220	14.706	0.026	1.3	0.0074	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	SWMBMN01	1.007	SW911	1.5	1.269	0.028	0.0132	58.0
4320 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0021	
4320 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
4320 minute summer	SWMBIC17	1.006	SWMBMN01	1.3	0.147	0.016	0.2091	

Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMBRE04	15	15.350	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC08	675	15.070	0.040	1.0	0.0316	0.0000	OK
960 minute summer	SWMBIC09	675	15.070	0.340	8.1	0.2458	0.0000	SURCHARGED
960 minute summer	SWMBRE03	15	15.550	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC06	495	15.205	0.025	1.0	0.0162	0.0000	OK
960 minute summer	SWMBIC07	675	15.070	0.205	6.1	0.1588	0.0000	OK
960 minute summer	SWMBRE02	495	15.561	0.011	0.2	0.0039	0.0000	OK
960 minute summer	SWMBIC05	495	15.493	0.018	0.5	0.0080	0.0000	OK
960 minute summer	SWMBRE01	405	15.709	0.009	0.1	0.0026	0.0000	OK
960 minute summer	SWMBIC01	405	15.662	0.012	0.2	0.0034	0.0000	OK
960 minute summer	SWMBIC02	405	15.612	0.012	0.2	0.0019	0.0000	OK
960 minute summer	SWMBIC03	495	15.400	0.040	2.8	0.0588	0.0000	OK
960 minute summer	SWMBRE05	495	15.775	0.020	0.7	0.0169	0.0000	OK
960 minute summer	SWMBIC04	495	15.308	0.038	4.0	0.0358	0.0000	OK
960 minute summer	SWMBIC10	495	15.386	0.021	1.0	0.0212	0.0000	OK
960 minute summer	SWMBIC12	495	15.168	0.028	1.5	0.0080	0.0000	OK
960 minute summer	SWMBRE06	15	15.550	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC11	495	15.406	0.016	0.5	0.0078	0.0000	OK
960 minute summer	SWMBIC14	675	15.070	0.115	3.9	0.1293	0.0000	OK
960 minute summer	SWMBIC13	495	15.548	0.013	0.5	0.0074	0.0000	OK
960 minute summer	SWMBRE08	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBRE09	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBRE10	465	15.304	0.009	0.2	0.0016	0.0000	OK
960 minute summer	SWMBIC15	465	15.196	0.011	0.2	0.0018	0.0000	OK
960 minute summer	TANK	675	15.070	0.370	11.8	96.1215	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC08	6.001	SWMBIC09	1.0	0.473	0.017	0.4007	
960 minute summer	SWMBIC09	1.004	TANK	7.9	0.573	0.113	0.5281	
960 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0073	
960 minute summer	SWMBIC06	4.002	SWMBIC07	1.0	0.524	0.059	0.0590	
960 minute summer	SWMBIC07	1.003	SWMBIC09	6.0	0.470	0.068	1.2891	
960 minute summer	SWMBRE02	4.000	SWMBIC05	0.2	0.231	0.011	0.0068	
960 minute summer	SWMBIC05	4.001	SWMBIC06	0.5	0.327	0.029	0.0491	
960 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
960 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
960 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
960 minute summer	SWMBIC03	1.001	SWMBIC04	2.8	0.515	0.038	0.1104	
960 minute summer	SWMBRE05	1.000	SWMBIC03	0.7	0.402	0.017	0.0842	
960 minute summer	SWMBIC04	1.002	SWMBIC07	4.0	0.594	0.035	1.0292	
960 minute summer	SWMBIC10	9.000	SWMBIC12	1.0	0.435	0.017	0.0417	
960 minute summer	SWMBIC12	7.002	SWMBIC14	1.5	0.335	0.034	0.2715	
960 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0078	
960 minute summer	SWMBIC11	7.001	SWMBIC12	0.5	0.486	0.024	0.0136	
960 minute summer	SWMBIC14	7.003	TANK	3.9	0.647	0.092	0.1713	
960 minute summer	SWMBIC13	10.001	SWMBIC14	0.5	0.705	0.014	0.0268	
960 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0013	
960 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0026	
960 minute summer	SWMBRE10	12.000	SWMBIC15	0.2	0.393	0.007	0.0023	
960 minute summer	SWMBIC15	12.001	SWMBIC14	0.2	0.337	0.011	0.0288	
960 minute summer	TANK	1.005	SWMBIC17	5.9	0.493	0.059	0.1723	

Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMBMN01	675	15.072	0.502	3.1	0.8296	0.0000	SURCHARGED
960 minute summer	SW911	480	13.642	0.023	2.5	0.0000	0.0000	OK
960 minute summer	SWMBRE07	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC16	15	15.485	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC17	675	15.071	0.391	5.9	0.1107	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	SWMBMN01	1.007	SW911	2.5	1.490	0.048	0.0192	145.4
960 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0065	
960 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
960 minute summer	SWMBIC17	1.006	SWMBMN01	3.0	0.144	0.039	1.5233	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	SWMBRE04	30	15.350	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC08	750	15.047	0.017	0.7	0.0136	0.0000	OK
1440 minute summer	SWMBIC09	930	15.013	0.283	5.6	0.2043	0.0000	OK
1440 minute summer	SWMBRE03	30	15.550	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC06	750	15.201	0.021	0.7	0.0136	0.0000	OK
1440 minute summer	SWMBIC07	930	15.013	0.148	4.2	0.1143	0.0000	OK
1440 minute summer	SWMBRE02	630	15.558	0.008	0.1	0.0028	0.0000	OK
1440 minute summer	SWMBIC05	690	15.489	0.014	0.3	0.0063	0.0000	OK
1440 minute summer	SWMBRE01	660	15.709	0.009	0.1	0.0026	0.0000	OK
1440 minute summer	SWMBIC01	660	15.662	0.012	0.2	0.0034	0.0000	OK
1440 minute summer	SWMBIC02	660	15.612	0.012	0.2	0.0019	0.0000	OK
1440 minute summer	SWMBIC03	750	15.394	0.034	2.0	0.0501	0.0000	OK
1440 minute summer	SWMBRE05	750	15.772	0.017	0.5	0.0144	0.0000	OK
1440 minute summer	SWMBIC04	750	15.302	0.032	2.8	0.0303	0.0000	OK
1440 minute summer	SWMBIC10	750	15.382	0.017	0.7	0.0179	0.0000	OK
1440 minute summer	SWMBIC12	750	15.163	0.023	1.0	0.0066	0.0000	OK
1440 minute summer	SWMBRE06	30	15.550	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC11	720	15.403	0.013	0.3	0.0061	0.0000	OK
1440 minute summer	SWMBIC14	930	15.013	0.058	2.6	0.0648	0.0000	OK
1440 minute summer	SWMBIC13	720	15.545	0.010	0.3	0.0058	0.0000	OK
1440 minute summer	SWMBRE08	30	15.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBRE09	30	15.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBRE10	600	15.302	0.007	0.1	0.0011	0.0000	OK
1440 minute summer	SWMBIC15	600	15.193	0.008	0.1	0.0013	0.0000	OK
1440 minute summer	TANK	930	15.013	0.313	8.0	81.2127	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
1440 minute summer	SWMBIC08	6.001	SWMBIC09	0.7	0.449	0.012	0.3499	
1440 minute summer	SWMBIC09	1.004	TANK	5.4	0.525	0.078	0.5223	
1440 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0057	
1440 minute summer	SWMBIC06	4.002	SWMBIC07	0.7	0.472	0.041	0.0268	
1440 minute summer	SWMBIC07	1.003	SWMBIC09	4.2	0.446	0.047	1.0945	
1440 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0046	
1440 minute summer	SWMBIC05	4.001	SWMBIC06	0.3	0.303	0.018	0.0367	
1440 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
1440 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
1440 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
1440 minute summer	SWMBIC03	1.001	SWMBIC04	2.0	0.469	0.027	0.0867	
1440 minute summer	SWMBRE05	1.000	SWMBIC03	0.5	0.361	0.012	0.0668	
1440 minute summer	SWMBIC04	1.002	SWMBIC07	2.8	0.538	0.025	0.7033	
1440 minute summer	SWMBIC10	9.000	SWMBIC12	0.7	0.397	0.012	0.0319	
1440 minute summer	SWMBIC12	7.002	SWMBIC14	1.0	0.299	0.023	0.1142	
1440 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0055	
1440 minute summer	SWMBIC11	7.001	SWMBIC12	0.3	0.418	0.015	0.0095	
1440 minute summer	SWMBIC14	7.003	TANK	2.6	0.578	0.061	0.0869	
1440 minute summer	SWMBIC13	10.001	SWMBIC14	0.3	0.602	0.009	0.0066	
1440 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0009	
1440 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0018	
1440 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.317	0.004	0.0014	
1440 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
1440 minute summer	TANK	1.005	SWMBIC17	4.8	0.481	0.048	0.1723	

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

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	SWMBMN01	960	15.014	0.444	3.3	0.7340	0.0000	SURCHARGED
1440 minute summer	SW911	1440	13.642	0.023	2.5	0.0000	0.0000	OK
1440 minute summer	SWMBRE07	30	15.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC16	30	15.485	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC17	960	15.012	0.332	4.8	0.0939	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	193.7
1440 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0045	
1440 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
1440 minute summer	SWMBIC17	1.006	SWMBMN01	3.2	0.145	0.041	1.5233	

Results for 30 year 2160 minute summer. 2400 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
2160 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC08	1080	15.043	0.013	0.4	0.0105	0.0000	OK
2160 minute summer	SWMBIC09	1380	14.930	0.200	3.9	0.1442	0.0000	OK
2160 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC06	1140	15.198	0.018	0.5	0.0116	0.0000	OK
2160 minute summer	SWMBIC07	1380	14.930	0.065	3.0	0.0500	0.0000	OK
2160 minute summer	SWMBRE02	1080	15.558	0.008	0.1	0.0028	0.0000	OK
2160 minute summer	SWMBIC05	1140	15.489	0.014	0.3	0.0063	0.0000	OK
2160 minute summer	SWMBRE01	1140	15.709	0.009	0.1	0.0026	0.0000	OK
2160 minute summer	SWMBIC01	1140	15.662	0.012	0.2	0.0034	0.0000	OK
2160 minute summer	SWMBIC02	1140	15.612	0.012	0.2	0.0019	0.0000	OK
2160 minute summer	SWMBIC03	1140	15.389	0.029	1.4	0.0422	0.0000	OK
2160 minute summer	SWMBRE05	1140	15.769	0.014	0.3	0.0115	0.0000	OK
2160 minute summer	SWMBIC04	1140	15.298	0.028	2.0	0.0258	0.0000	OK
2160 minute summer	SWMBIC10	1140	15.380	0.015	0.5	0.0154	0.0000	OK
2160 minute summer	SWMBIC12	1140	15.160	0.020	0.7	0.0056	0.0000	OK
2160 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC11	1080	15.401	0.011	0.2	0.0051	0.0000	OK
2160 minute summer	SWMBIC14	1140	14.988	0.033	1.8	0.0366	0.0000	OK
2160 minute summer	SWMBIC13	1080	15.543	0.008	0.2	0.0048	0.0000	OK
2160 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBRE10	1020	15.302	0.007	0.1	0.0011	0.0000	OK
2160 minute summer	SWMBIC15	1020	15.193	0.008	0.1	0.0013	0.0000	OK
2160 minute summer	TANK	1380	14.930	0.230	5.6	59.5980	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
2160 minute summer	SWMBIC08	6.001	SWMBIC09	0.4	0.419	0.007	0.2080	
2160 minute summer	SWMBIC09	1.004	TANK	3.8	0.391	0.055	0.4037	
2160 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0045	
2160 minute summer	SWMBIC06	4.002	SWMBIC07	0.5	0.427	0.030	0.0212	
2160 minute summer	SWMBIC07	1.003	SWMBIC09	3.0	0.420	0.034	0.6446	
2160 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.206	0.006	0.0046	
2160 minute summer	SWMBIC05	4.001	SWMBIC06	0.3	0.304	0.018	0.0317	
2160 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
2160 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
2160 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
2160 minute summer	SWMBIC03	1.001	SWMBIC04	1.4	0.419	0.019	0.0679	
2160 minute summer	SWMBRE05	1.000	SWMBIC03	0.3	0.315	0.007	0.0460	
2160 minute summer	SWMBIC04	1.002	SWMBIC07	2.0	0.487	0.018	0.2483	
2160 minute summer	SWMBIC10	9.000	SWMBIC12	0.5	0.359	0.009	0.0250	
2160 minute summer	SWMBIC12	7.002	SWMBIC14	0.7	0.273	0.016	0.0663	
2160 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0041	
2160 minute summer	SWMBIC11	7.001	SWMBIC12	0.2	0.368	0.010	0.0072	
2160 minute summer	SWMBIC14	7.003	TANK	1.8	0.521	0.043	0.0233	
2160 minute summer	SWMBIC13	10.001	SWMBIC14	0.2	0.531	0.006	0.0050	
2160 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0007	
2160 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0014	
2160 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.316	0.004	0.0014	
2160 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
2160 minute summer	TANK	1.005	SWMBIC17	2.4	0.461	0.024	0.1475	

Results for 30 year 2160 minute summer. 2400 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
2160 minute summer	SWMBMN01	1380	14.930	0.360	2.5	0.5946	0.0000	SURCHARGED
2160 minute summer	SW911	1620	13.642	0.023	2.5	0.0000	0.0000	OK
2160 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC17	1380	14.930	0.250	2.4	0.0706	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	212.2
2160 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0034	
2160 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
2160 minute summer	SWMBIC17	1.006	SWMBMN01	2.4	0.145	0.030	1.4392	

Results for 30 year 2880 minute summer. 3120 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
2880 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC08	1440	15.043	0.013	0.4	0.0105	0.0000	OK
2880 minute summer	SWMBIC09	1740	14.884	0.154	3.3	0.1109	0.0000	OK
2880 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC06	1440	15.196	0.016	0.4	0.0104	0.0000	OK
2880 minute summer	SWMBIC07	1500	14.899	0.034	2.5	0.0266	0.0000	OK
2880 minute summer	SWMBRE02	1440	15.558	0.008	0.1	0.0028	0.0000	OK
2880 minute summer	SWMBIC05	1440	15.486	0.011	0.2	0.0052	0.0000	OK
2880 minute summer	SWMBRE01	1500	15.709	0.009	0.1	0.0026	0.0000	OK
2880 minute summer	SWMBIC01	1500	15.662	0.012	0.2	0.0034	0.0000	OK
2880 minute summer	SWMBIC02	1500	15.612	0.012	0.2	0.0019	0.0000	OK
2880 minute summer	SWMBIC03	1500	15.387	0.027	1.2	0.0393	0.0000	OK
2880 minute summer	SWMBRE05	1500	15.769	0.014	0.3	0.0115	0.0000	OK
2880 minute summer	SWMBIC04	1500	15.296	0.026	1.7	0.0239	0.0000	OK
2880 minute summer	SWMBIC10	1500	15.378	0.013	0.4	0.0138	0.0000	OK
2880 minute summer	SWMBIC12	1500	15.158	0.018	0.6	0.0052	0.0000	OK
2880 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC11	1440	15.401	0.011	0.2	0.0051	0.0000	OK
2880 minute summer	SWMBIC14	1500	14.985	0.030	1.5	0.0335	0.0000	OK
2880 minute summer	SWMBIC13	1440	15.543	0.008	0.2	0.0048	0.0000	OK
2880 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBRE10	1380	15.302	0.007	0.1	0.0011	0.0000	OK
2880 minute summer	SWMBIC15	1380	15.193	0.008	0.1	0.0013	0.0000	OK
2880 minute summer	TANK	1740	14.884	0.184	4.7	47.6599	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
2880 minute summer	SWMBIC08	6.001	SWMBIC09	0.4	0.419	0.007	0.1162	
2880 minute summer	SWMBIC09	1.004	TANK	3.2	0.383	0.046	0.3056	
2880 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0038	
2880 minute summer	SWMBIC06	4.002	SWMBIC07	0.4	0.399	0.024	0.0181	
2880 minute summer	SWMBIC07	1.003	SWMBIC09	2.5	0.425	0.028	0.4123	
2880 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0038	
2880 minute summer	SWMBIC05	4.001	SWMBIC06	0.2	0.249	0.012	0.0258	
2880 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
2880 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
2880 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
2880 minute summer	SWMBIC03	1.001	SWMBIC04	1.2	0.402	0.016	0.0608	
2880 minute summer	SWMBRE05	1.000	SWMBIC03	0.3	0.315	0.007	0.0460	
2880 minute summer	SWMBIC04	1.002	SWMBIC07	1.7	0.466	0.015	0.1427	
2880 minute summer	SWMBIC10	9.000	SWMBIC12	0.4	0.328	0.007	0.0221	
2880 minute summer	SWMBIC12	7.002	SWMBIC14	0.6	0.265	0.014	0.0586	
2880 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0041	
2880 minute summer	SWMBIC11	7.001	SWMBIC12	0.2	0.368	0.010	0.0072	
2880 minute summer	SWMBIC14	7.003	TANK	1.5	0.495	0.035	0.0205	
2880 minute summer	SWMBIC13	10.001	SWMBIC14	0.2	0.531	0.006	0.0050	
2880 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0007	
2880 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0014	
2880 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.316	0.004	0.0014	
2880 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
2880 minute summer	TANK	1.005	SWMBIC17	2.4	0.471	0.024	0.1176	

Results for 30 year 2880 minute summer. 3120 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
2880 minute summer	SWMBMN01	1740	14.884	0.314	2.5	0.5185	0.0000	SURCHARGED
2880 minute summer	SW911	1860	13.642	0.023	2.5	0.0000	0.0000	OK
2880 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC17	1740	14.884	0.204	2.4	0.0576	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	211.4
2880 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0034	
2880 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
2880 minute summer	SWMBIC17	1.006	SWMBMN01	2.4	0.143	0.030	1.3122	

Results for 30 year 4320 minute summer. 4560 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
4320 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC08	2220	15.042	0.012	0.3	0.0092	0.0000	OK
4320 minute summer	SWMBIC09	2400	14.798	0.068	2.1	0.0490	0.0000	OK
4320 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC06	1920	15.192	0.012	0.2	0.0075	0.0000	OK
4320 minute summer	SWMBIC07	2160	14.892	0.027	1.5	0.0209	0.0000	OK
4320 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC05	1920	15.483	0.008	0.1	0.0038	0.0000	OK
4320 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC03	2160	15.381	0.021	0.7	0.0306	0.0000	OK
4320 minute summer	SWMBRE05	2160	15.766	0.011	0.2	0.0095	0.0000	OK
4320 minute summer	SWMBIC04	2160	15.290	0.020	1.0	0.0188	0.0000	OK
4320 minute summer	SWMBIC10	2160	15.377	0.012	0.3	0.0121	0.0000	OK
4320 minute summer	SWMBIC12	2160	15.155	0.015	0.4	0.0043	0.0000	OK
4320 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC11	1800	15.398	0.008	0.1	0.0036	0.0000	OK
4320 minute summer	SWMBIC14	2220	14.981	0.026	1.1	0.0287	0.0000	OK
4320 minute summer	SWMBIC13	1800	15.541	0.006	0.1	0.0035	0.0000	OK
4320 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBRE10	2160	15.302	0.007	0.1	0.0011	0.0000	OK
4320 minute summer	SWMBIC15	2160	15.193	0.008	0.1	0.0013	0.0000	OK
4320 minute summer	TANK	2400	14.798	0.098	3.2	25.3396	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
4320 minute summer	SWMBIC08	6.001	SWMBIC09	0.3	0.384	0.005	0.0140	
4320 minute summer	SWMBIC09	1.004	TANK	2.1	0.371	0.030	0.1193	
4320 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0024	
4320 minute summer	SWMBIC06	4.002	SWMBIC07	0.2	0.324	0.012	0.0112	
4320 minute summer	SWMBIC07	1.003	SWMBIC09	1.5	0.394	0.017	0.1530	
4320 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0015	
4320 minute summer	SWMBIC05	4.001	SWMBIC06	0.1	0.204	0.006	0.0159	
4320 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
4320 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
4320 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
4320 minute summer	SWMBIC03	1.001	SWMBIC04	0.7	0.338	0.009	0.0420	
4320 minute summer	SWMBRE05	1.000	SWMBIC03	0.2	0.278	0.005	0.0348	
4320 minute summer	SWMBIC04	1.002	SWMBIC07	1.0	0.392	0.009	0.0994	
4320 minute summer	SWMBIC10	9.000	SWMBIC12	0.3	0.313	0.005	0.0172	
4320 minute summer	SWMBIC12	7.002	SWMBIC14	0.4	0.235	0.009	0.0460	
4320 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0025	
4320 minute summer	SWMBIC11	7.001	SWMBIC12	0.1	0.298	0.005	0.0044	
4320 minute summer	SWMBIC14	7.003	TANK	1.1	0.452	0.026	0.0164	
4320 minute summer	SWMBIC13	10.001	SWMBIC14	0.1	0.436	0.003	0.0030	
4320 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0004	
4320 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0009	
4320 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.316	0.004	0.0014	
4320 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
4320 minute summer	TANK	1.005	SWMBIC17	2.3	0.488	0.023	0.0556	

Results for 30 year 4320 minute summer. 4560 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
4320 minute summer	SWMBMN01	2400	14.797	0.227	2.5	0.3762	0.0000	SURCHARGED
4320 minute summer	SW911	2400	13.641	0.022	2.5	0.0000	0.0000	OK
4320 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC17	2400	14.798	0.118	2.3	0.0333	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	SWMBMN01	1.007	SW911	2.5	1.485	0.048	0.0191	203.3
4320 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0021	
4320 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
4320 minute summer	SWMBIC17	1.006	SWMBMN01	2.3	0.144	0.029	0.8964	

Results for 100 year +40% CC 960 minute summer. 1200 minute analysis at 15 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
960 minute summer	SWMBRE04	825	15.579	0.229	0.1	0.0041	0.0000	SURCHARGED
960 minute summer	SWMBIC08	825	15.578	0.548	1.8	0.4293	0.0000	SURCHARGED
960 minute summer	SWMBIC09	810	15.578	0.848	14.7	0.6124	0.0000	SURCHARGED
960 minute summer	SWMBRE03	810	15.579	0.029	0.0	0.0045	0.0000	OK
960 minute summer	SWMBIC06	810	15.578	0.398	1.9	0.2586	0.0000	SURCHARGED
960 minute summer	SWMBIC07	810	15.578	0.713	11.6	0.5513	0.0000	SURCHARGED
960 minute summer	SWMBRE02	810	15.578	0.028	0.3	0.0096	0.0000	OK
960 minute summer	SWMBIC05	825	15.578	0.103	0.9	0.0469	0.0000	OK
960 minute summer	SWMBRE01	495	15.714	0.014	0.3	0.0043	0.0000	OK
960 minute summer	SWMBIC01	495	15.671	0.021	0.6	0.0058	0.0000	OK
960 minute summer	SWMBIC02	495	15.620	0.020	0.6	0.0032	0.0000	OK
960 minute summer	SWMBIC03	810	15.578	0.218	5.4	0.3170	0.0000	OK
960 minute summer	SWMBRE05	495	15.782	0.027	1.3	0.0226	0.0000	OK
960 minute summer	SWMBIC04	810	15.578	0.308	7.7	0.2879	0.0000	SURCHARGED
960 minute summer	SWMBIC10	825	15.578	0.213	1.9	0.2201	0.0000	OK
960 minute summer	SWMBIC12	810	15.578	0.438	2.8	0.1240	0.0000	SURCHARGED
960 minute summer	SWMBRE06	810	15.578	0.028	0.0	0.0045	0.0000	OK
960 minute summer	SWMBIC11	810	15.578	0.188	0.9	0.0894	0.0000	SURCHARGED
960 minute summer	SWMBIC14	810	15.578	0.623	7.3	0.6979	0.0000	SURCHARGED
960 minute summer	SWMBIC13	810	15.578	0.043	0.9	0.0250	0.0000	OK
960 minute summer	SWMBRE08	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBRE09	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBRE10	825	15.578	0.283	0.4	0.0481	0.0000	SURCHARGED
960 minute summer	SWMBIC15	825	15.578	0.393	0.4	0.0625	0.0000	SURCHARGED
960 minute summer	TANK	810	15.578	0.878	21.1	227.9211	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	SWMBRE04	6.000	SWMBIC08	-0.1	-0.008	-0.007	0.6472	
960 minute summer	SWMBIC08	6.001	SWMBIC09	1.5	0.449	0.026	0.7146	
960 minute summer	SWMBIC09	1.004	TANK	14.6	0.727	0.208	0.5281	
960 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	-0.003	0.001	0.0758	
960 minute summer	SWMBIC06	4.002	SWMBIC07	1.9	0.576	0.112	0.3187	
960 minute summer	SWMBIC07	1.003	SWMBIC09	11.2	0.432	0.127	1.4902	
960 minute summer	SWMBRE02	4.000	SWMBIC05	0.3	0.241	0.017	0.0588	
960 minute summer	SWMBIC05	4.001	SWMBIC06	0.9	0.393	0.053	0.4860	
960 minute summer	SWMBRE01	2.000	SWMBIC01	0.3	0.264	0.019	0.0069	
960 minute summer	SWMBIC01	2.001	SWMBIC02	0.6	0.418	0.039	0.0094	
960 minute summer	SWMBIC02	2.002	SWMBIC03	0.6	0.428	0.038	0.0443	
960 minute summer	SWMBIC03	1.001	SWMBIC04	5.4	0.624	0.073	1.2717	
960 minute summer	SWMBRE05	1.000	SWMBIC03	1.3	0.483	0.031	0.6575	
960 minute summer	SWMBIC04	1.002	SWMBIC07	7.7	0.599	0.068	2.7377	
960 minute summer	SWMBIC10	9.000	SWMBIC12	1.9	0.530	0.033	0.7049	
960 minute summer	SWMBIC12	7.002	SWMBIC14	2.8	0.374	0.063	1.0078	
960 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.003	0.002	0.1501	
960 minute summer	SWMBIC11	7.001	SWMBIC12	0.9	0.579	0.044	0.2324	
960 minute summer	SWMBIC14	7.003	TANK	6.8	0.687	0.159	0.2685	
960 minute summer	SWMBIC13	10.001	SWMBIC14	0.9	0.778	0.026	0.1440	
960 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0074	
960 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0154	
960 minute summer	SWMBRE10	12.000	SWMBIC15	0.4	0.485	0.014	0.0780	
960 minute summer	SWMBIC15	12.001	SWMBIC14	0.4	0.383	0.022	0.2649	
960 minute summer	TANK	1.005	SWMBIC17	5.0	0.489	0.050	0.1723	

Results for 100 year +40% CC 960 minute summer. 1200 minute analysis at 15 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
960 minute summer	SWMBMN01	780	15.579	1.009	3.3	1.6686	0.0000	SURCHARGED
960 minute summer	SW911	870	13.642	0.023	2.6	0.0000	0.0000	OK
960 minute summer	SWMBRE07	15	15.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWMBIC16	810	15.578	0.093	0.0	0.0148	0.0000	OK
960 minute summer	SWMBIC17	840	15.579	0.899	5.0	0.2544	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	SWMBMN01	1.007	SW911	2.6	1.507	0.050	0.0198	165.6
960 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.1100	
960 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.004	0.002	0.0950	
960 minute summer	SWMBIC17	1.006	SWMBMN01	3.0	0.145	0.039	1.5233	

Results for 100 year +40% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.62%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	SWMBRE04	1080	15.497	0.147	0.1	0.0026	0.0000	OK
1440 minute summer	SWMBIC08	1080	15.497	0.467	1.2	0.3653	0.0000	SURCHARGED
1440 minute summer	SWMBIC09	1080	15.497	0.767	10.0	0.5535	0.0000	SURCHARGED
1440 minute summer	SWMBRE03	30	15.550	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC06	1080	15.497	0.317	1.3	0.2055	0.0000	SURCHARGED
1440 minute summer	SWMBIC07	1080	15.497	0.632	7.9	0.4882	0.0000	SURCHARGED
1440 minute summer	SWMBRE02	690	15.561	0.011	0.2	0.0039	0.0000	OK
1440 minute summer	SWMBIC05	1080	15.497	0.022	0.6	0.0098	0.0000	OK
1440 minute summer	SWMBRE01	750	15.712	0.012	0.2	0.0036	0.0000	OK
1440 minute summer	SWMBIC01	750	15.667	0.017	0.4	0.0048	0.0000	OK
1440 minute summer	SWMBIC02	750	15.617	0.017	0.4	0.0027	0.0000	OK
1440 minute summer	SWMBIC03	1080	15.497	0.137	3.7	0.1984	0.0000	OK
1440 minute summer	SWMBRE05	750	15.778	0.023	0.9	0.0190	0.0000	OK
1440 minute summer	SWMBIC04	1080	15.497	0.227	5.2	0.2116	0.0000	OK
1440 minute summer	SWMBIC10	1080	15.497	0.132	1.3	0.1359	0.0000	OK
1440 minute summer	SWMBIC12	1080	15.497	0.357	1.9	0.1009	0.0000	SURCHARGED
1440 minute summer	SWMBRE06	30	15.550	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC11	1080	15.497	0.107	0.6	0.0506	0.0000	OK
1440 minute summer	SWMBIC14	1080	15.496	0.541	5.0	0.6065	0.0000	SURCHARGED
1440 minute summer	SWMBIC13	750	15.549	0.014	0.6	0.0080	0.0000	OK
1440 minute summer	SWMBRE08	30	15.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBRE09	30	15.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBRE10	1080	15.496	0.201	0.3	0.0342	0.0000	SURCHARGED
1440 minute summer	SWMBIC15	1080	15.496	0.311	0.3	0.0495	0.0000	SURCHARGED
1440 minute summer	TANK	1080	15.497	0.797	14.6	206.7248	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	SWMBRE04	6.000	SWMBIC08	-0.1	-0.005	-0.004	0.6455	
1440 minute summer	SWMBIC08	6.001	SWMBIC09	1.0	0.474	0.018	0.7146	
1440 minute summer	SWMBIC09	1.004	TANK	9.9	0.559	0.142	0.5281	
1440 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0669	
1440 minute summer	SWMBIC06	4.002	SWMBIC07	1.3	0.551	0.077	0.3187	
1440 minute summer	SWMBIC07	1.003	SWMBIC09	7.7	0.445	0.087	1.4902	
1440 minute summer	SWMBRE02	4.000	SWMBIC05	0.2	0.230	0.011	0.0074	
1440 minute summer	SWMBIC05	4.001	SWMBIC06	0.6	0.346	0.035	0.3051	
1440 minute summer	SWMBRE01	2.000	SWMBIC01	0.2	0.234	0.012	0.0052	
1440 minute summer	SWMBIC01	2.001	SWMBIC02	0.4	0.372	0.026	0.0070	
1440 minute summer	SWMBIC02	2.002	SWMBIC03	0.4	0.379	0.025	0.0120	
1440 minute summer	SWMBIC03	1.001	SWMBIC04	3.7	0.562	0.050	0.8959	
1440 minute summer	SWMBRE05	1.000	SWMBIC03	0.9	0.432	0.021	0.2228	
1440 minute summer	SWMBIC04	1.002	SWMBIC07	5.2	0.544	0.046	2.4786	
1440 minute summer	SWMBIC10	9.000	SWMBIC12	1.3	0.474	0.022	0.5720	
1440 minute summer	SWMBIC12	7.002	SWMBIC14	1.9	0.355	0.043	1.0078	
1440 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.1010	
1440 minute summer	SWMBIC11	7.001	SWMBIC12	0.6	0.513	0.029	0.2045	
1440 minute summer	SWMBIC14	7.003	TANK	4.7	0.623	0.111	0.2685	
1440 minute summer	SWMBIC13	10.001	SWMBIC14	0.6	0.704	0.017	0.1211	
1440 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0014	
1440 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0030	
1440 minute summer	SWMBRE10	12.000	SWMBIC15	0.3	0.443	0.011	0.0780	
1440 minute summer	SWMBIC15	12.001	SWMBIC14	0.3	0.337	0.017	0.2649	
1440 minute summer	TANK	1.005	SWMBIC17	5.1	0.494	0.051	0.1723	

Results for 100 year +40% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.62%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	SWMBMN01	1080	15.497	0.927	3.2	1.5325	0.0000	SURCHARGED
1440 minute summer	SW911	630	13.642	0.023	2.5	0.0000	0.0000	OK
1440 minute summer	SWMBRE07	30	15.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWMBIC16	1080	15.497	0.012	0.0	0.0019	0.0000	OK
1440 minute summer	SWMBIC17	1050	15.495	0.815	5.1	0.2308	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	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	216.7
1440 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0836	
1440 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.004	0.001	0.0316	
1440 minute summer	SWMBIC17	1.006	SWMBMN01	2.8	0.143	0.036	1.5233	

Results for 100 year +40% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	SWMBRE04	1500	15.396	0.046	0.0	0.0008	0.0000	OK
2160 minute summer	SWMBIC08	1500	15.396	0.366	0.8	0.2864	0.0000	SURCHARGED
2160 minute summer	SWMBIC09	1500	15.396	0.666	6.5	0.4807	0.0000	SURCHARGED
2160 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC06	1500	15.396	0.216	0.8	0.1401	0.0000	SURCHARGED
2160 minute summer	SWMBIC07	1500	15.396	0.531	5.1	0.4103	0.0000	SURCHARGED
2160 minute summer	SWMBRE02	900	15.558	0.008	0.1	0.0028	0.0000	OK
2160 minute summer	SWMBIC05	1140	15.491	0.016	0.4	0.0072	0.0000	OK
2160 minute summer	SWMBRE01	960	15.709	0.009	0.1	0.0026	0.0000	OK
2160 minute summer	SWMBIC01	960	15.662	0.012	0.2	0.0034	0.0000	OK
2160 minute summer	SWMBIC02	960	15.612	0.012	0.2	0.0019	0.0000	OK
2160 minute summer	SWMBIC03	1140	15.398	0.038	2.4	0.0546	0.0000	OK
2160 minute summer	SWMBRE05	1140	15.774	0.019	0.6	0.0157	0.0000	OK
2160 minute summer	SWMBIC04	1500	15.396	0.126	3.4	0.1175	0.0000	OK
2160 minute summer	SWMBIC10	1500	15.396	0.031	0.9	0.0319	0.0000	OK
2160 minute summer	SWMBIC12	1500	15.396	0.256	1.3	0.0724	0.0000	SURCHARGED
2160 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC11	1140	15.405	0.015	0.4	0.0070	0.0000	OK
2160 minute summer	SWMBIC14	1500	15.396	0.441	3.4	0.4936	0.0000	SURCHARGED
2160 minute summer	SWMBIC13	1080	15.546	0.011	0.4	0.0066	0.0000	OK
2160 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBRE10	1500	15.395	0.100	0.2	0.0171	0.0000	OK
2160 minute summer	SWMBIC15	1500	15.396	0.211	0.2	0.0335	0.0000	SURCHARGED
2160 minute summer	TANK	1500	15.396	0.696	9.6	180.5760	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	SWMBRE04	6.000	SWMBIC08	0.0	0.003	0.002	0.4076	
2160 minute summer	SWMBIC08	6.001	SWMBIC09	0.8	0.419	0.014	0.7146	
2160 minute summer	SWMBIC09	1.004	TANK	6.3	0.476	0.090	0.5281	
2160 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0669	
2160 minute summer	SWMBIC06	4.002	SWMBIC07	0.8	0.490	0.047	0.3187	
2160 minute summer	SWMBIC07	1.003	SWMBIC09	4.8	0.418	0.054	1.4902	
2160 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0053	
2160 minute summer	SWMBIC05	4.001	SWMBIC06	0.4	0.309	0.023	0.2902	
2160 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
2160 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
2160 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
2160 minute summer	SWMBIC03	1.001	SWMBIC04	2.4	0.493	0.033	0.3323	
2160 minute summer	SWMBRE05	1.000	SWMBIC03	0.6	0.383	0.014	0.0757	
2160 minute summer	SWMBIC04	1.002	SWMBIC07	3.4	0.542	0.030	1.9133	
2160 minute summer	SWMBIC10	9.000	SWMBIC12	0.9	0.426	0.015	0.3855	
2160 minute summer	SWMBIC12	7.002	SWMBIC14	1.3	0.301	0.029	1.0078	
2160 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0067	
2160 minute summer	SWMBIC11	7.001	SWMBIC12	0.4	0.455	0.020	0.1185	
2160 minute summer	SWMBIC14	7.003	TANK	3.2	0.577	0.077	0.2685	
2160 minute summer	SWMBIC13	10.001	SWMBIC14	0.4	0.656	0.011	0.1197	
2160 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0011	
2160 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0023	
2160 minute summer	SWMBRE10	12.000	SWMBIC15	0.2	0.393	0.007	0.0668	
2160 minute summer	SWMBIC15	12.001	SWMBIC14	0.2	0.336	0.011	0.2649	
2160 minute summer	TANK	1.005	SWMBIC17	4.8	0.489	0.048	0.1723	

Results for 100 year +40% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	SWMBMN01	1500	15.395	0.825	2.7	1.3653	0.0000	SURCHARGED
2160 minute summer	SW911	1020	13.642	0.023	2.5	0.0000	0.0000	OK
2160 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	SWMBIC17	1500	15.396	0.716	4.8	0.2026	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	SWMBMN01	1.007	SW911	2.5	1.489	0.048	0.0192	276.3
2160 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0055	
2160 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
2160 minute summer	SWMBIC17	1.006	SWMBMN01	2.5	0.148	0.032	1.5233	

Results for 100 year +40% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.99%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC08	1920	15.315	0.285	0.7	0.2233	0.0000	SURCHARGED
2880 minute summer	SWMBIC09	1920	15.315	0.585	5.4	0.4225	0.0000	SURCHARGED
2880 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC06	1920	15.315	0.135	0.7	0.0877	0.0000	OK
2880 minute summer	SWMBIC07	1920	15.315	0.450	4.2	0.3480	0.0000	SURCHARGED
2880 minute summer	SWMBRE02	1260	15.558	0.008	0.1	0.0028	0.0000	OK
2880 minute summer	SWMBIC05	1380	15.489	0.014	0.3	0.0063	0.0000	OK
2880 minute summer	SWMBRE01	1320	15.709	0.009	0.1	0.0026	0.0000	OK
2880 minute summer	SWMBIC01	1320	15.662	0.012	0.2	0.0034	0.0000	OK
2880 minute summer	SWMBIC02	1320	15.612	0.012	0.2	0.0019	0.0000	OK
2880 minute summer	SWMBIC03	1500	15.394	0.034	2.0	0.0501	0.0000	OK
2880 minute summer	SWMBRE05	1500	15.772	0.017	0.5	0.0144	0.0000	OK
2880 minute summer	SWMBIC04	1920	15.315	0.045	2.8	0.0422	0.0000	OK
2880 minute summer	SWMBIC10	1500	15.382	0.017	0.7	0.0179	0.0000	OK
2880 minute summer	SWMBIC12	1920	15.315	0.175	1.0	0.0496	0.0000	OK
2880 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC11	1440	15.403	0.013	0.3	0.0061	0.0000	OK
2880 minute summer	SWMBIC14	1920	15.315	0.360	2.6	0.4034	0.0000	SURCHARGED
2880 minute summer	SWMBIC13	1440	15.545	0.010	0.3	0.0058	0.0000	OK
2880 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBRE10	1920	15.315	0.020	0.1	0.0035	0.0000	OK
2880 minute summer	SWMBIC15	1920	15.315	0.130	0.1	0.0207	0.0000	OK
2880 minute summer	TANK	1920	15.315	0.615	7.8	159.6453	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.3236	
2880 minute summer	SWMBIC08	6.001	SWMBIC09	0.7	0.419	0.012	0.7146	
2880 minute summer	SWMBIC09	1.004	TANK	5.2	0.434	0.075	0.5281	
2880 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0635	
2880 minute summer	SWMBIC06	4.002	SWMBIC07	0.7	0.472	0.041	0.3106	
2880 minute summer	SWMBIC07	1.003	SWMBIC09	4.0	0.426	0.045	1.4902	
2880 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0046	
2880 minute summer	SWMBIC05	4.001	SWMBIC06	0.3	0.303	0.018	0.2723	
2880 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
2880 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
2880 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
2880 minute summer	SWMBIC03	1.001	SWMBIC04	2.0	0.469	0.027	0.0867	
2880 minute summer	SWMBRE05	1.000	SWMBIC03	0.5	0.361	0.012	0.0668	
2880 minute summer	SWMBIC04	1.002	SWMBIC07	2.8	0.513	0.025	1.4979	
2880 minute summer	SWMBIC10	9.000	SWMBIC12	0.7	0.397	0.012	0.3022	
2880 minute summer	SWMBIC12	7.002	SWMBIC14	1.0	0.312	0.023	0.9240	
2880 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0055	
2880 minute summer	SWMBIC11	7.001	SWMBIC12	0.3	0.418	0.015	0.0846	
2880 minute summer	SWMBIC14	7.003	TANK	2.6	0.558	0.061	0.2685	
2880 minute summer	SWMBIC13	10.001	SWMBIC14	0.3	0.602	0.009	0.1189	
2880 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0009	
2880 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0018	
2880 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.316	0.004	0.0392	
2880 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.2547	
2880 minute summer	TANK	1.005	SWMBIC17	4.1	0.478	0.041	0.1723	

Results for 100 year +40% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.99%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	SWMBMN01	1920	15.315	0.745	2.7	1.2323	0.0000	SURCHARGED
2880 minute summer	SW911	1380	13.642	0.023	2.5	0.0000	0.0000	OK
2880 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	SWMBIC17	1920	15.314	0.634	4.1	0.1795	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	SWMBMN01	1.007	SW911	2.5	1.490	0.048	0.0192	336.7
2880 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0045	
2880 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
2880 minute summer	SWMBIC17	1.006	SWMBMN01	2.6	0.144	0.032	1.5233	

Results for 100 year +40% CC 4320 minute summer. 4560 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
4320 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC08	2760	15.178	0.148	0.5	0.1159	0.0000	OK
4320 minute summer	SWMBIC09	2760	15.178	0.448	4.0	0.3235	0.0000	SURCHARGED
4320 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC06	2220	15.200	0.019	0.6	0.0127	0.0000	OK
4320 minute summer	SWMBIC07	2760	15.178	0.313	3.1	0.2420	0.0000	SURCHARGED
4320 minute summer	SWMBRE02	1980	15.558	0.008	0.1	0.0028	0.0000	OK
4320 minute summer	SWMBIC05	2160	15.489	0.014	0.3	0.0063	0.0000	OK
4320 minute summer	SWMBRE01	2100	15.709	0.009	0.1	0.0026	0.0000	OK
4320 minute summer	SWMBIC01	2100	15.662	0.012	0.2	0.0034	0.0000	OK
4320 minute summer	SWMBIC02	2100	15.612	0.012	0.2	0.0019	0.0000	OK
4320 minute summer	SWMBIC03	2220	15.389	0.029	1.4	0.0422	0.0000	OK
4320 minute summer	SWMBRE05	2100	15.769	0.014	0.3	0.0115	0.0000	OK
4320 minute summer	SWMBIC04	2220	15.298	0.028	2.0	0.0258	0.0000	OK
4320 minute summer	SWMBIC10	2160	15.380	0.015	0.5	0.0154	0.0000	OK
4320 minute summer	SWMBIC12	2760	15.178	0.038	0.7	0.0108	0.0000	OK
4320 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC11	2040	15.401	0.011	0.2	0.0051	0.0000	OK
4320 minute summer	SWMBIC14	2760	15.178	0.223	1.8	0.2498	0.0000	OK
4320 minute summer	SWMBIC13	2040	15.543	0.008	0.2	0.0048	0.0000	OK
4320 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBRE10	1920	15.302	0.007	0.1	0.0011	0.0000	OK
4320 minute summer	SWMBIC15	1920	15.193	0.008	0.1	0.0013	0.0000	OK
4320 minute summer	TANK	2760	15.178	0.478	5.7	124.0769	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.1565	
4320 minute summer	SWMBIC08	6.001	SWMBIC09	0.5	0.384	0.009	0.6062	
4320 minute summer	SWMBIC09	1.004	TANK	3.9	0.374	0.055	0.5281	
4320 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0051	
4320 minute summer	SWMBIC06	4.002	SWMBIC07	0.6	0.451	0.035	0.1649	
4320 minute summer	SWMBIC07	1.003	SWMBIC09	3.0	0.406	0.034	1.4902	
4320 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0046	
4320 minute summer	SWMBIC05	4.001	SWMBIC06	0.3	0.303	0.018	0.0342	
4320 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
4320 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
4320 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
4320 minute summer	SWMBIC03	1.001	SWMBIC04	1.4	0.419	0.019	0.0679	
4320 minute summer	SWMBRE05	1.000	SWMBIC03	0.3	0.315	0.007	0.0460	
4320 minute summer	SWMBIC04	1.002	SWMBIC07	2.0	0.464	0.018	1.4034	
4320 minute summer	SWMBIC10	9.000	SWMBIC12	0.5	0.359	0.009	0.0449	
4320 minute summer	SWMBIC12	7.002	SWMBIC14	0.7	0.283	0.016	0.5592	
4320 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0041	
4320 minute summer	SWMBIC11	7.001	SWMBIC12	0.2	0.368	0.010	0.0072	
4320 minute summer	SWMBIC14	7.003	TANK	1.8	0.521	0.043	0.2682	
4320 minute summer	SWMBIC13	10.001	SWMBIC14	0.2	0.531	0.006	0.1176	
4320 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0007	
4320 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0014	
4320 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.316	0.004	0.0014	
4320 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.1322	
4320 minute summer	TANK	1.005	SWMBIC17	4.1	0.488	0.041	0.1723	

Results for 100 year +40% CC 4320 minute summer. 4560 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
4320 minute summer	SWMBMN01	2760	15.177	0.607	2.8	1.0047	0.0000	SURCHARGED
4320 minute summer	SW911	2100	13.642	0.023	2.5	0.0000	0.0000	OK
4320 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	SWMBIC17	2760	15.175	0.495	4.1	0.1401	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	432.5
4320 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0034	
4320 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
4320 minute summer	SWMBIC17	1.006	SWMBMN01	2.7	0.144	0.034	1.5233	

Results for 1 year Critical Storm Duration. Lowest 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	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC08	2580	15.037	0.007	0.1	0.0057	0.0000	OK
5760 minute summer	SWMBIC09	2760	14.752	0.022	0.7	0.0157	0.0000	OK
5760 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC06	60	15.180	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC07	2820	14.881	0.016	0.5	0.0125	0.0000	OK
5760 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC05	60	15.475	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC03	2820	15.374	0.014	0.3	0.0208	0.0000	OK
5760 minute summer	SWMBRE05	2760	15.764	0.009	0.1	0.0072	0.0000	OK
5760 minute summer	SWMBIC04	2820	15.283	0.013	0.4	0.0123	0.0000	OK
5760 minute summer	SWMBIC10	2520	15.372	0.007	0.1	0.0074	0.0000	OK
5760 minute summer	SWMBIC12	2520	15.148	0.008	0.1	0.0023	0.0000	OK
5760 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC11	60	15.390	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC14	2880	14.969	0.014	0.3	0.0155	0.0000	OK
5760 minute summer	SWMBIC13	60	15.535	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE10	60	15.295	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC15	60	15.185	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	TANK	3000	14.723	0.023	1.0	5.8502	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
5760 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC08	6.001	SWMBIC09	0.1	0.291	0.002	0.0062	
5760 minute summer	SWMBIC09	1.004	TANK	0.7	0.329	0.010	0.0172	
5760 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC06	4.002	SWMBIC07	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC07	1.003	SWMBIC09	0.5	0.276	0.006	0.0392	
5760 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC05	4.001	SWMBIC06	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC03	1.001	SWMBIC04	0.3	0.267	0.004	0.0228	
5760 minute summer	SWMBRE05	1.000	SWMBIC03	0.1	0.252	0.002	0.0192	
5760 minute summer	SWMBIC04	1.002	SWMBIC07	0.4	0.319	0.004	0.0488	
5760 minute summer	SWMBIC10	9.000	SWMBIC12	0.1	0.253	0.002	0.0071	
5760 minute summer	SWMBIC12	7.002	SWMBIC14	0.1	0.173	0.002	0.0181	
5760 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC11	7.001	SWMBIC12	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC14	7.003	TANK	0.3	0.313	0.007	0.0065	
5760 minute summer	SWMBIC13	10.001	SWMBIC14	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBRE10	12.000	SWMBIC15	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC15	12.001	SWMBIC14	0.0	0.000	0.000	0.0000	
5760 minute summer	TANK	1.005	SWMBIC17	1.0	0.404	0.010	0.0060	

Results for 1 year Critical Storm Duration. Lowest 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	SWMBMN01	3000	14.640	0.070	1.1	0.1157	0.0000	OK
5760 minute summer	SW911	3000	13.634	0.015	1.1	0.0000	0.0000	OK
5760 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC17	3000	14.704	0.024	1.0	0.0067	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
5760 minute summer	SWMBMN01	1.007	SW911	1.1	1.167	0.021	0.0108	60.2
5760 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC17	1.006	SWMBMN01	1.0	0.143	0.013	0.1623	

Results for 30 year Critical Storm Duration. Lowest 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	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC08	2760	15.040	0.010	0.2	0.0077	0.0000	OK
5760 minute summer	SWMBIC09	2940	14.762	0.032	1.7	0.0232	0.0000	OK
5760 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC06	2700	15.192	0.012	0.2	0.0075	0.0000	OK
5760 minute summer	SWMBIC07	2940	14.890	0.025	1.3	0.0196	0.0000	OK
5760 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC05	2700	15.483	0.008	0.1	0.0038	0.0000	OK
5760 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC03	2940	15.380	0.020	0.6	0.0284	0.0000	OK
5760 minute summer	SWMBRE05	2940	15.766	0.011	0.2	0.0095	0.0000	OK
5760 minute summer	SWMBIC04	2940	15.289	0.019	0.9	0.0179	0.0000	OK
5760 minute summer	SWMBIC10	2700	15.375	0.010	0.2	0.0101	0.0000	OK
5760 minute summer	SWMBIC12	2700	15.153	0.013	0.3	0.0038	0.0000	OK
5760 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC11	2460	15.398	0.008	0.1	0.0036	0.0000	OK
5760 minute summer	SWMBIC14	2880	14.977	0.022	0.8	0.0246	0.0000	OK
5760 minute summer	SWMBIC13	2460	15.541	0.006	0.1	0.0035	0.0000	OK
5760 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE10	60	15.295	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC15	60	15.185	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	TANK	3120	14.754	0.054	2.5	13.9679	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
5760 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC08	6.001	SWMBIC09	0.2	0.343	0.003	0.0105	
5760 minute summer	SWMBIC09	1.004	TANK	1.7	0.370	0.024	0.0457	
5760 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0024	
5760 minute summer	SWMBIC06	4.002	SWMBIC07	0.2	0.324	0.012	0.0112	
5760 minute summer	SWMBIC07	1.003	SWMBIC09	1.3	0.381	0.015	0.0724	
5760 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0015	
5760 minute summer	SWMBIC05	4.001	SWMBIC06	0.1	0.204	0.006	0.0159	
5760 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC03	1.001	SWMBIC04	0.6	0.319	0.008	0.0382	
5760 minute summer	SWMBRE05	1.000	SWMBIC03	0.2	0.278	0.005	0.0348	
5760 minute summer	SWMBIC04	1.002	SWMBIC07	0.9	0.386	0.008	0.0910	
5760 minute summer	SWMBIC10	9.000	SWMBIC12	0.2	0.263	0.003	0.0136	
5760 minute summer	SWMBIC12	7.002	SWMBIC14	0.3	0.223	0.007	0.0370	
5760 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0025	
5760 minute summer	SWMBIC11	7.001	SWMBIC12	0.1	0.298	0.005	0.0044	
5760 minute summer	SWMBIC14	7.003	TANK	0.8	0.412	0.019	0.0131	
5760 minute summer	SWMBIC13	10.001	SWMBIC14	0.1	0.436	0.003	0.0030	
5760 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0004	
5760 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0009	
5760 minute summer	SWMBRE10	12.000	SWMBIC15	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC15	12.001	SWMBIC14	0.0	0.000	0.000	0.0000	
5760 minute summer	TANK	1.005	SWMBIC17	2.7	0.490	0.027	0.0268	

Results for 30 year Critical Storm Duration. Lowest 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	SWMBMN01	3120	14.754	0.184	2.6	0.3035	0.0000	SURCHARGED
5760 minute summer	SW911	3120	13.641	0.022	2.4	0.0000	0.0000	OK
5760 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC17	3120	14.754	0.074	2.7	0.0208	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
5760 minute summer	SWMBMN01	1.007	SW911	2.4	1.470	0.046	0.0186	199.2
5760 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0021	
5760 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC17	1.006	SWMBMN01	2.3	0.149	0.029	0.6332	

Results for 100 year +40% CC Critical Storm Duration. Lowest 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	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC08	2940	15.043	0.013	0.4	0.0105	0.0000	OK
5760 minute summer	SWMBIC09	3420	15.027	0.297	3.3	0.2141	0.0000	OK
5760 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC06	2760	15.196	0.016	0.4	0.0104	0.0000	OK
5760 minute summer	SWMBIC07	3420	15.027	0.162	2.5	0.1249	0.0000	OK
5760 minute summer	SWMBRE02	2760	15.558	0.008	0.1	0.0028	0.0000	OK
5760 minute summer	SWMBIC05	2760	15.486	0.011	0.2	0.0052	0.0000	OK
5760 minute summer	SWMBRE01	2940	15.709	0.009	0.1	0.0026	0.0000	OK
5760 minute summer	SWMBIC01	2940	15.662	0.012	0.2	0.0034	0.0000	OK
5760 minute summer	SWMBIC02	2940	15.612	0.012	0.2	0.0019	0.0000	OK
5760 minute summer	SWMBIC03	2940	15.387	0.027	1.2	0.0393	0.0000	OK
5760 minute summer	SWMBRE05	2940	15.769	0.014	0.3	0.0115	0.0000	OK
5760 minute summer	SWMBIC04	2940	15.296	0.026	1.7	0.0239	0.0000	OK
5760 minute summer	SWMBIC10	2880	15.378	0.013	0.4	0.0138	0.0000	OK
5760 minute summer	SWMBIC12	2880	15.158	0.018	0.6	0.0052	0.0000	OK
5760 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC11	2820	15.401	0.011	0.2	0.0051	0.0000	OK
5760 minute summer	SWMBIC14	3420	15.027	0.072	1.6	0.0801	0.0000	OK
5760 minute summer	SWMBIC13	2820	15.543	0.008	0.2	0.0048	0.0000	OK
5760 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE10	2640	15.302	0.007	0.1	0.0011	0.0000	OK
5760 minute summer	SWMBIC15	2640	15.193	0.008	0.1	0.0013	0.0000	OK
5760 minute summer	TANK	3420	15.026	0.326	4.8	84.7365	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)
5760 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC08	6.001	SWMBIC09	0.4	0.384	0.007	0.3611	
5760 minute summer	SWMBIC09	1.004	TANK	3.2	0.370	0.046	0.5276	
5760 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0038	
5760 minute summer	SWMBIC06	4.002	SWMBIC07	0.4	0.399	0.024	0.0181	
5760 minute summer	SWMBIC07	1.003	SWMBIC09	2.5	0.395	0.028	1.1528	
5760 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0038	
5760 minute summer	SWMBIC05	4.001	SWMBIC06	0.2	0.249	0.012	0.0258	
5760 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
5760 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
5760 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
5760 minute summer	SWMBIC03	1.001	SWMBIC04	1.2	0.402	0.016	0.0608	
5760 minute summer	SWMBRE05	1.000	SWMBIC03	0.3	0.315	0.007	0.0460	
5760 minute summer	SWMBIC04	1.002	SWMBIC07	1.7	0.464	0.015	0.7789	
5760 minute summer	SWMBIC10	9.000	SWMBIC12	0.4	0.328	0.007	0.0221	
5760 minute summer	SWMBIC12	7.002	SWMBIC14	0.6	0.265	0.014	0.1492	
5760 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0041	
5760 minute summer	SWMBIC11	7.001	SWMBIC12	0.2	0.368	0.010	0.0072	
5760 minute summer	SWMBIC14	7.003	TANK	1.6	0.504	0.038	0.1065	
5760 minute summer	SWMBIC13	10.001	SWMBIC14	0.2	0.531	0.006	0.0050	
5760 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0007	
5760 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0014	
5760 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.316	0.004	0.0014	
5760 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
5760 minute summer	TANK	1.005	SWMBIC17	5.1	0.488	0.050	0.1723	

Results for 100 year +40% CC Critical Storm Duration. Lowest 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	SWMBMN01	3420	15.028	0.458	3.2	0.7570	0.0000	SURCHARGED
7200 minute summer	SW911	4560	13.642	0.023	2.5	0.0000	0.0000	OK
5760 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC17	3420	15.027	0.347	5.1	0.0983	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)
5760 minute summer	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	425.6
5760 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0034	
5760 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC17	1.006	SWMBMN01	3.1	0.147	0.039	1.5233	

Results for 1 year 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	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC08	2580	15.037	0.007	0.1	0.0057	0.0000	OK
5760 minute summer	SWMBIC09	2760	14.752	0.022	0.7	0.0157	0.0000	OK
5760 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC06	60	15.180	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC07	2820	14.881	0.016	0.5	0.0125	0.0000	OK
5760 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC05	60	15.475	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC03	2820	15.374	0.014	0.3	0.0208	0.0000	OK
5760 minute summer	SWMBRE05	2760	15.764	0.009	0.1	0.0072	0.0000	OK
5760 minute summer	SWMBIC04	2820	15.283	0.013	0.4	0.0123	0.0000	OK
5760 minute summer	SWMBIC10	2520	15.372	0.007	0.1	0.0074	0.0000	OK
5760 minute summer	SWMBIC12	2520	15.148	0.008	0.1	0.0023	0.0000	OK
5760 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC11	60	15.390	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC14	2880	14.969	0.014	0.3	0.0155	0.0000	OK
5760 minute summer	SWMBIC13	60	15.535	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE10	60	15.295	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC15	60	15.185	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	TANK	3000	14.723	0.023	1.0	5.8502	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC08	6.001	SWMBIC09	0.1	0.291	0.002	0.0062	
5760 minute summer	SWMBIC09	1.004	TANK	0.7	0.329	0.010	0.0172	
5760 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC06	4.002	SWMBIC07	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC07	1.003	SWMBIC09	0.5	0.276	0.006	0.0392	
5760 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC05	4.001	SWMBIC06	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC03	1.001	SWMBIC04	0.3	0.267	0.004	0.0228	
5760 minute summer	SWMBRE05	1.000	SWMBIC03	0.1	0.252	0.002	0.0192	
5760 minute summer	SWMBIC04	1.002	SWMBIC07	0.4	0.319	0.004	0.0488	
5760 minute summer	SWMBIC10	9.000	SWMBIC12	0.1	0.253	0.002	0.0071	
5760 minute summer	SWMBIC12	7.002	SWMBIC14	0.1	0.173	0.002	0.0181	
5760 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC11	7.001	SWMBIC12	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC14	7.003	TANK	0.3	0.313	0.007	0.0065	
5760 minute summer	SWMBIC13	10.001	SWMBIC14	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBRE10	12.000	SWMBIC15	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC15	12.001	SWMBIC14	0.0	0.000	0.000	0.0000	
5760 minute summer	TANK	1.005	SWMBIC17	1.0	0.404	0.010	0.0060	

Results for 1 year 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	SWMBMN01	3000	14.640	0.070	1.1	0.1157	0.0000	OK
5760 minute summer	SW911	3000	13.634	0.015	1.1	0.0000	0.0000	OK
5760 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC17	3000	14.704	0.024	1.0	0.0067	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	SWMBMN01	1.007	SW911	1.1	1.167	0.021	0.0108	60.2
5760 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC17	1.006	SWMBMN01	1.0	0.143	0.013	0.1623	

Results for 1 year 7200 minute summer. 7440 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
7200 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC08	3300	15.037	0.007	0.1	0.0057	0.0000	OK
7200 minute summer	SWMBIC09	3660	14.752	0.022	0.7	0.0157	0.0000	OK
7200 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC06	60	15.180	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC07	3660	14.881	0.016	0.5	0.0125	0.0000	OK
7200 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC05	60	15.475	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC03	3660	15.374	0.014	0.3	0.0208	0.0000	OK
7200 minute summer	SWMBRE05	3540	15.764	0.009	0.1	0.0072	0.0000	OK
7200 minute summer	SWMBIC04	3660	15.283	0.013	0.4	0.0123	0.0000	OK
7200 minute summer	SWMBIC10	3240	15.372	0.007	0.1	0.0074	0.0000	OK
7200 minute summer	SWMBIC12	3240	15.148	0.008	0.1	0.0023	0.0000	OK
7200 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC11	60	15.390	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC14	3240	14.966	0.011	0.2	0.0128	0.0000	OK
7200 minute summer	SWMBIC13	60	15.535	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBRE10	60	15.295	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC15	60	15.185	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	TANK	3660	14.721	0.021	0.9	5.4946	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
7200 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC08	6.001	SWMBIC09	0.1	0.291	0.002	0.0062	
7200 minute summer	SWMBIC09	1.004	TANK	0.7	0.329	0.010	0.0166	
7200 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC06	4.002	SWMBIC07	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC07	1.003	SWMBIC09	0.5	0.273	0.006	0.0393	
7200 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC05	4.001	SWMBIC06	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC03	1.001	SWMBIC04	0.3	0.267	0.004	0.0228	
7200 minute summer	SWMBRE05	1.000	SWMBIC03	0.1	0.252	0.002	0.0192	
7200 minute summer	SWMBIC04	1.002	SWMBIC07	0.4	0.319	0.004	0.0488	
7200 minute summer	SWMBIC10	9.000	SWMBIC12	0.1	0.253	0.002	0.0071	
7200 minute summer	SWMBIC12	7.002	SWMBIC14	0.1	0.173	0.002	0.0149	
7200 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC11	7.001	SWMBIC12	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC14	7.003	TANK	0.2	0.276	0.005	0.0049	
7200 minute summer	SWMBIC13	10.001	SWMBIC14	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBRE10	12.000	SWMBIC15	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC15	12.001	SWMBIC14	0.0	0.000	0.000	0.0000	
7200 minute summer	TANK	1.005	SWMBIC17	0.9	0.390	0.009	0.0055	

Results for 1 year 7200 minute summer. 7440 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
7200 minute summer	SWMBMN01	3660	14.635	0.065	1.0	0.1076	0.0000	OK
7200 minute summer	SW911	3660	13.633	0.014	1.0	0.0000	0.0000	OK
7200 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC17	3660	14.702	0.022	0.9	0.0063	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
7200 minute summer	SWMBMN01	1.007	SW911	1.0	1.128	0.019	0.0099	61.7
7200 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC17	1.006	SWMBMN01	0.9	0.139	0.011	0.1468	

Results for 1 year 8640 minute summer. 8880 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
8640 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC08	4020	15.037	0.007	0.1	0.0057	0.0000	OK
8640 minute summer	SWMBIC09	4320	14.750	0.020	0.6	0.0146	0.0000	OK
8640 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC06	60	15.180	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC07	4320	14.880	0.015	0.4	0.0113	0.0000	OK
8640 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC05	60	15.475	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC03	4320	15.372	0.012	0.2	0.0171	0.0000	OK
8640 minute summer	SWMBRE05	4320	15.764	0.009	0.1	0.0072	0.0000	OK
8640 minute summer	SWMBIC04	4320	15.282	0.012	0.3	0.0108	0.0000	OK
8640 minute summer	SWMBIC10	3960	15.372	0.007	0.1	0.0074	0.0000	OK
8640 minute summer	SWMBIC12	3960	15.148	0.008	0.1	0.0023	0.0000	OK
8640 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC11	60	15.390	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC14	3960	14.966	0.011	0.2	0.0128	0.0000	OK
8640 minute summer	SWMBIC13	60	15.535	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBRE10	60	15.295	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC15	60	15.185	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	TANK	4440	14.720	0.020	0.8	5.2489	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
8640 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC08	6.001	SWMBIC09	0.1	0.291	0.002	0.0062	
8640 minute summer	SWMBIC09	1.004	TANK	0.6	0.329	0.009	0.0151	
8640 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC06	4.002	SWMBIC07	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC07	1.003	SWMBIC09	0.4	0.247	0.005	0.0345	
8640 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC05	4.001	SWMBIC06	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC03	1.001	SWMBIC04	0.2	0.230	0.003	0.0176	
8640 minute summer	SWMBRE05	1.000	SWMBIC03	0.1	0.252	0.002	0.0192	
8640 minute summer	SWMBIC04	1.002	SWMBIC07	0.3	0.289	0.003	0.0410	
8640 minute summer	SWMBIC10	9.000	SWMBIC12	0.1	0.253	0.002	0.0071	
8640 minute summer	SWMBIC12	7.002	SWMBIC14	0.1	0.173	0.002	0.0149	
8640 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC11	7.001	SWMBIC12	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC14	7.003	TANK	0.2	0.276	0.005	0.0049	
8640 minute summer	SWMBIC13	10.001	SWMBIC14	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBRE10	12.000	SWMBIC15	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC15	12.001	SWMBIC14	0.0	0.000	0.000	0.0000	
8640 minute summer	TANK	1.005	SWMBIC17	0.8	0.380	0.008	0.0051	

Results for 1 year 8640 minute summer. 8880 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
8640 minute summer	SWMBMN01	4440	14.632	0.062	0.9	0.1023	0.0000	OK
8640 minute summer	SW911	4440	13.633	0.014	0.9	0.0000	0.0000	OK
8640 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC17	4440	14.701	0.021	0.8	0.0060	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
8640 minute summer	SWMBMN01	1.007	SW911	0.9	1.100	0.017	0.0094	65.4
8640 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC17	1.006	SWMBMN01	0.8	0.136	0.010	0.1367	

Results for 1 year 10080 minute summer. 10320 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
10080 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC08	4740	15.037	0.007	0.1	0.0057	0.0000	OK
10080 minute summer	SWMBIC09	4680	14.749	0.019	0.5	0.0134	0.0000	OK
10080 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC06	60	15.180	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC07	4620	14.878	0.013	0.3	0.0100	0.0000	OK
10080 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC05	60	15.475	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC03	4080	15.369	0.009	0.1	0.0130	0.0000	OK
10080 minute summer	SWMBRE05	60	15.755	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC04	4500	15.280	0.010	0.2	0.0090	0.0000	OK
10080 minute summer	SWMBIC10	4680	15.372	0.007	0.1	0.0074	0.0000	OK
10080 minute summer	SWMBIC12	4680	15.148	0.008	0.1	0.0023	0.0000	OK
10080 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC11	60	15.390	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC14	4680	14.966	0.011	0.2	0.0128	0.0000	OK
10080 minute summer	SWMBIC13	60	15.535	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBRE10	60	15.295	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC15	60	15.185	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	TANK	5460	14.719	0.019	0.7	4.9211	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
10080 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC08	6.001	SWMBIC09	0.1	0.291	0.002	0.0062	
10080 minute summer	SWMBIC09	1.004	TANK	0.5	0.329	0.007	0.0134	
10080 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC06	4.002	SWMBIC07	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC07	1.003	SWMBIC09	0.3	0.241	0.003	0.0297	
10080 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC05	4.001	SWMBIC06	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC03	1.001	SWMBIC04	0.1	0.204	0.001	0.0120	
10080 minute summer	SWMBRE05	1.000	SWMBIC03	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC04	1.002	SWMBIC07	0.2	0.283	0.002	0.0323	
10080 minute summer	SWMBIC10	9.000	SWMBIC12	0.1	0.253	0.002	0.0071	
10080 minute summer	SWMBIC12	7.002	SWMBIC14	0.1	0.173	0.002	0.0149	
10080 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC11	7.001	SWMBIC12	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC14	7.003	TANK	0.2	0.276	0.005	0.0049	
10080 minute summer	SWMBIC13	10.001	SWMBIC14	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBRE10	12.000	SWMBIC15	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC15	12.001	SWMBIC14	0.0	0.000	0.000	0.0000	
10080 minute summer	TANK	1.005	SWMBIC17	0.7	0.366	0.007	0.0047	

Results for 1 year 10080 minute summer. 10320 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
10080 minute summer	SWMBMN01	5460	14.628	0.058	0.8	0.0957	0.0000	OK
10080 minute summer	SW911	5460	13.632	0.013	0.8	0.0000	0.0000	OK
10080 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC17	5460	14.700	0.020	0.7	0.0057	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
10080 minute summer	SWMBMN01	1.007	SW911	0.8	1.065	0.016	0.0086	66.1
10080 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC17	1.006	SWMBMN01	0.7	0.131	0.009	0.1243	

Results for 30 year 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	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC08	2760	15.040	0.010	0.2	0.0077	0.0000	OK
5760 minute summer	SWMBIC09	2940	14.762	0.032	1.7	0.0232	0.0000	OK
5760 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC06	2700	15.192	0.012	0.2	0.0075	0.0000	OK
5760 minute summer	SWMBIC07	2940	14.890	0.025	1.3	0.0196	0.0000	OK
5760 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC05	2700	15.483	0.008	0.1	0.0038	0.0000	OK
5760 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC03	2940	15.380	0.020	0.6	0.0284	0.0000	OK
5760 minute summer	SWMBRE05	2940	15.766	0.011	0.2	0.0095	0.0000	OK
5760 minute summer	SWMBIC04	2940	15.289	0.019	0.9	0.0179	0.0000	OK
5760 minute summer	SWMBIC10	2700	15.375	0.010	0.2	0.0101	0.0000	OK
5760 minute summer	SWMBIC12	2700	15.153	0.013	0.3	0.0038	0.0000	OK
5760 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC11	2460	15.398	0.008	0.1	0.0036	0.0000	OK
5760 minute summer	SWMBIC14	2880	14.977	0.022	0.8	0.0246	0.0000	OK
5760 minute summer	SWMBIC13	2460	15.541	0.006	0.1	0.0035	0.0000	OK
5760 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE10	60	15.295	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC15	60	15.185	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	TANK	3120	14.754	0.054	2.5	13.9679	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	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC08	6.001	SWMBIC09	0.2	0.343	0.003	0.0105	
5760 minute summer	SWMBIC09	1.004	TANK	1.7	0.370	0.024	0.0457	
5760 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0024	
5760 minute summer	SWMBIC06	4.002	SWMBIC07	0.2	0.324	0.012	0.0112	
5760 minute summer	SWMBIC07	1.003	SWMBIC09	1.3	0.381	0.015	0.0724	
5760 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0015	
5760 minute summer	SWMBIC05	4.001	SWMBIC06	0.1	0.204	0.006	0.0159	
5760 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC03	1.001	SWMBIC04	0.6	0.319	0.008	0.0382	
5760 minute summer	SWMBRE05	1.000	SWMBIC03	0.2	0.278	0.005	0.0348	
5760 minute summer	SWMBIC04	1.002	SWMBIC07	0.9	0.386	0.008	0.0910	
5760 minute summer	SWMBIC10	9.000	SWMBIC12	0.2	0.263	0.003	0.0136	
5760 minute summer	SWMBIC12	7.002	SWMBIC14	0.3	0.223	0.007	0.0370	
5760 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0025	
5760 minute summer	SWMBIC11	7.001	SWMBIC12	0.1	0.298	0.005	0.0044	
5760 minute summer	SWMBIC14	7.003	TANK	0.8	0.412	0.019	0.0131	
5760 minute summer	SWMBIC13	10.001	SWMBIC14	0.1	0.436	0.003	0.0030	
5760 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0004	
5760 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0009	
5760 minute summer	SWMBRE10	12.000	SWMBIC15	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC15	12.001	SWMBIC14	0.0	0.000	0.000	0.0000	
5760 minute summer	TANK	1.005	SWMBIC17	2.7	0.490	0.027	0.0268	

Results for 30 year 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	SWMBMN01	3120	14.754	0.184	2.6	0.3035	0.0000	SURCHARGED
5760 minute summer	SW911	3120	13.641	0.022	2.4	0.0000	0.0000	OK
5760 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC17	3120	14.754	0.074	2.7	0.0208	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	SWMBMN01	1.007	SW911	2.4	1.470	0.046	0.0186	199.2
5760 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0021	
5760 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC17	1.006	SWMBMN01	2.3	0.149	0.029	0.6332	

Results for 30 year 7200 minute summer. 7440 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
7200 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC08	3540	15.040	0.010	0.2	0.0077	0.0000	OK
7200 minute summer	SWMBIC09	3600	14.761	0.031	1.5	0.0222	0.0000	OK
7200 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC06	3480	15.192	0.012	0.2	0.0075	0.0000	OK
7200 minute summer	SWMBIC07	3660	14.888	0.023	1.1	0.0181	0.0000	OK
7200 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC05	3480	15.483	0.008	0.1	0.0038	0.0000	OK
7200 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC03	3660	15.378	0.018	0.5	0.0262	0.0000	OK
7200 minute summer	SWMBRE05	2940	15.764	0.009	0.1	0.0072	0.0000	OK
7200 minute summer	SWMBIC04	3660	15.287	0.017	0.7	0.0158	0.0000	OK
7200 minute summer	SWMBIC10	3480	15.375	0.010	0.2	0.0101	0.0000	OK
7200 minute summer	SWMBIC12	3480	15.153	0.013	0.3	0.0038	0.0000	OK
7200 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC11	3180	15.398	0.008	0.1	0.0036	0.0000	OK
7200 minute summer	SWMBIC14	3480	14.976	0.021	0.7	0.0231	0.0000	OK
7200 minute summer	SWMBIC13	3180	15.541	0.006	0.1	0.0035	0.0000	OK
7200 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBRE10	60	15.295	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC15	60	15.185	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	TANK	3720	14.737	0.037	2.2	9.6308	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
7200 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC08	6.001	SWMBIC09	0.2	0.343	0.003	0.0105	
7200 minute summer	SWMBIC09	1.004	TANK	1.5	0.367	0.021	0.0320	
7200 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0024	
7200 minute summer	SWMBIC06	4.002	SWMBIC07	0.2	0.324	0.012	0.0112	
7200 minute summer	SWMBIC07	1.003	SWMBIC09	1.1	0.355	0.012	0.0667	
7200 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0015	
7200 minute summer	SWMBIC05	4.001	SWMBIC06	0.1	0.204	0.006	0.0159	
7200 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC03	1.001	SWMBIC04	0.5	0.307	0.007	0.0331	
7200 minute summer	SWMBRE05	1.000	SWMBIC03	0.1	0.252	0.002	0.0192	
7200 minute summer	SWMBIC04	1.002	SWMBIC07	0.7	0.351	0.006	0.0794	
7200 minute summer	SWMBIC10	9.000	SWMBIC12	0.2	0.263	0.003	0.0136	
7200 minute summer	SWMBIC12	7.002	SWMBIC14	0.3	0.223	0.007	0.0347	
7200 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0025	
7200 minute summer	SWMBIC11	7.001	SWMBIC12	0.1	0.298	0.005	0.0044	
7200 minute summer	SWMBIC14	7.003	TANK	0.7	0.396	0.017	0.0119	
7200 minute summer	SWMBIC13	10.001	SWMBIC14	0.1	0.436	0.003	0.0030	
7200 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0004	
7200 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0009	
7200 minute summer	SWMBRE10	12.000	SWMBIC15	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC15	12.001	SWMBIC14	0.0	0.000	0.000	0.0000	
7200 minute summer	TANK	1.005	SWMBIC17	2.1	0.491	0.021	0.0173	

Results for 30 year 7200 minute summer. 7440 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
7200 minute summer	SWMBMN01	3720	14.736	0.166	2.3	0.2752	0.0000	SURCHARGED
7200 minute summer	SW911	3720	13.641	0.022	2.3	0.0000	0.0000	OK
7200 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC17	3720	14.737	0.057	2.1	0.0160	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
7200 minute summer	SWMBMN01	1.007	SW911	2.3	1.461	0.045	0.0184	199.9
7200 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0021	
7200 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC17	1.006	SWMBMN01	2.1	0.149	0.027	0.5330	

Results for 30 year 8640 minute summer. 8880 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
8640 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC08	4320	15.040	0.010	0.2	0.0077	0.0000	OK
8640 minute summer	SWMBIC09	4260	14.760	0.030	1.4	0.0216	0.0000	OK
8640 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC06	4260	15.192	0.012	0.2	0.0075	0.0000	OK
8640 minute summer	SWMBIC07	4260	14.887	0.022	1.0	0.0173	0.0000	OK
8640 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC05	4260	15.483	0.008	0.1	0.0038	0.0000	OK
8640 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC03	4140	15.376	0.016	0.4	0.0234	0.0000	OK
8640 minute summer	SWMBRE05	3600	15.764	0.009	0.1	0.0072	0.0000	OK
8640 minute summer	SWMBIC04	4140	15.286	0.016	0.6	0.0147	0.0000	OK
8640 minute summer	SWMBIC10	4260	15.375	0.010	0.2	0.0101	0.0000	OK
8640 minute summer	SWMBIC12	4260	15.153	0.013	0.3	0.0038	0.0000	OK
8640 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC11	3960	15.398	0.008	0.1	0.0036	0.0000	OK
8640 minute summer	SWMBIC14	4260	14.976	0.021	0.7	0.0231	0.0000	OK
8640 minute summer	SWMBIC13	3960	15.541	0.006	0.1	0.0035	0.0000	OK
8640 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBRE10	60	15.295	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC15	60	15.185	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	TANK	4440	14.734	0.034	2.1	8.7123	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
8640 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC08	6.001	SWMBIC09	0.2	0.343	0.003	0.0105	
8640 minute summer	SWMBIC09	1.004	TANK	1.4	0.366	0.020	0.0295	
8640 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0024	
8640 minute summer	SWMBIC06	4.002	SWMBIC07	0.2	0.324	0.012	0.0112	
8640 minute summer	SWMBIC07	1.003	SWMBIC09	1.0	0.352	0.011	0.0634	
8640 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0015	
8640 minute summer	SWMBIC05	4.001	SWMBIC06	0.1	0.204	0.006	0.0159	
8640 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC03	1.001	SWMBIC04	0.4	0.282	0.005	0.0288	
8640 minute summer	SWMBRE05	1.000	SWMBIC03	0.1	0.252	0.002	0.0192	
8640 minute summer	SWMBIC04	1.002	SWMBIC07	0.6	0.352	0.005	0.0732	
8640 minute summer	SWMBIC10	9.000	SWMBIC12	0.2	0.263	0.003	0.0136	
8640 minute summer	SWMBIC12	7.002	SWMBIC14	0.3	0.223	0.007	0.0347	
8640 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0025	
8640 minute summer	SWMBIC11	7.001	SWMBIC12	0.1	0.298	0.005	0.0044	
8640 minute summer	SWMBIC14	7.003	TANK	0.7	0.396	0.017	0.0119	
8640 minute summer	SWMBIC13	10.001	SWMBIC14	0.1	0.436	0.003	0.0030	
8640 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0004	
8640 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0009	
8640 minute summer	SWMBRE10	12.000	SWMBIC15	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC15	12.001	SWMBIC14	0.0	0.000	0.000	0.0000	
8640 minute summer	TANK	1.005	SWMBIC17	2.1	0.489	0.021	0.0123	

Results for 30 year 8640 minute summer. 8880 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
8640 minute summer	SWMBMN01	4440	14.721	0.151	2.3	0.2496	0.0000	SURCHARGED
8640 minute summer	SW911	4440	13.641	0.022	2.3	0.0000	0.0000	OK
8640 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC17	4440	14.721	0.041	2.1	0.0116	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
8640 minute summer	SWMBMN01	1.007	SW911	2.3	1.451	0.044	0.0181	201.3
8640 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0021	
8640 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC17	1.006	SWMBMN01	2.1	0.147	0.026	0.4465	

Results for 30 year 10080 minute summer. 10320 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
10080 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC08	3960	15.037	0.007	0.1	0.0057	0.0000	OK
10080 minute summer	SWMBIC09	4980	14.759	0.029	1.3	0.0209	0.0000	OK
10080 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC06	5040	15.192	0.012	0.2	0.0075	0.0000	OK
10080 minute summer	SWMBIC07	5040	14.887	0.022	1.0	0.0173	0.0000	OK
10080 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC05	5040	15.483	0.008	0.1	0.0038	0.0000	OK
10080 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC03	4980	15.376	0.016	0.4	0.0234	0.0000	OK
10080 minute summer	SWMBRE05	4320	15.764	0.009	0.1	0.0072	0.0000	OK
10080 minute summer	SWMBIC04	4980	15.286	0.016	0.6	0.0147	0.0000	OK
10080 minute summer	SWMBIC10	5040	15.375	0.010	0.2	0.0101	0.0000	OK
10080 minute summer	SWMBIC12	5040	15.153	0.013	0.3	0.0038	0.0000	OK
10080 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC11	4680	15.398	0.008	0.1	0.0036	0.0000	OK
10080 minute summer	SWMBIC14	5040	14.976	0.021	0.7	0.0231	0.0000	OK
10080 minute summer	SWMBIC13	4680	15.541	0.006	0.1	0.0035	0.0000	OK
10080 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBRE10	60	15.295	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC15	60	15.185	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	TANK	5160	14.732	0.032	2.0	8.3442	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
10080 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC08	6.001	SWMBIC09	0.1	0.291	0.002	0.0062	
10080 minute summer	SWMBIC09	1.004	TANK	1.3	0.367	0.019	0.0278	
10080 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0024	
10080 minute summer	SWMBIC06	4.002	SWMBIC07	0.2	0.324	0.012	0.0112	
10080 minute summer	SWMBIC07	1.003	SWMBIC09	1.0	0.350	0.011	0.0613	
10080 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0015	
10080 minute summer	SWMBIC05	4.001	SWMBIC06	0.1	0.204	0.006	0.0159	
10080 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC03	1.001	SWMBIC04	0.4	0.282	0.005	0.0288	
10080 minute summer	SWMBRE05	1.000	SWMBIC03	0.1	0.252	0.002	0.0192	
10080 minute summer	SWMBIC04	1.002	SWMBIC07	0.6	0.351	0.005	0.0732	
10080 minute summer	SWMBIC10	9.000	SWMBIC12	0.2	0.263	0.003	0.0136	
10080 minute summer	SWMBIC12	7.002	SWMBIC14	0.3	0.223	0.007	0.0347	
10080 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0025	
10080 minute summer	SWMBIC11	7.001	SWMBIC12	0.1	0.298	0.005	0.0044	
10080 minute summer	SWMBIC14	7.003	TANK	0.7	0.396	0.017	0.0119	
10080 minute summer	SWMBIC13	10.001	SWMBIC14	0.1	0.436	0.003	0.0030	
10080 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0004	
10080 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0009	
10080 minute summer	SWMBRE10	12.000	SWMBIC15	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC15	12.001	SWMBIC14	0.0	0.000	0.000	0.0000	
10080 minute summer	TANK	1.005	SWMBIC17	2.0	0.490	0.020	0.0100	

Results for 30 year 10080 minute summer. 10320 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
10080 minute summer	SWMBMN01	5160	14.702	0.132	2.2	0.2176	0.0000	OK
10080 minute summer	SW911	5160	13.640	0.021	2.2	0.0000	0.0000	OK
10080 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC17	5160	14.713	0.033	2.0	0.0093	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
10080 minute summer	SWMBMN01	1.007	SW911	2.2	1.435	0.043	0.0176	201.4
10080 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0021	
10080 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC17	1.006	SWMBMN01	2.0	0.148	0.025	0.3661	

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	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC08	2940	15.043	0.013	0.4	0.0105	0.0000	OK
5760 minute summer	SWMBIC09	3420	15.027	0.297	3.3	0.2141	0.0000	OK
5760 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC06	2760	15.196	0.016	0.4	0.0104	0.0000	OK
5760 minute summer	SWMBIC07	3420	15.027	0.162	2.5	0.1249	0.0000	OK
5760 minute summer	SWMBRE02	2760	15.558	0.008	0.1	0.0028	0.0000	OK
5760 minute summer	SWMBIC05	2760	15.486	0.011	0.2	0.0052	0.0000	OK
5760 minute summer	SWMBRE01	2940	15.709	0.009	0.1	0.0026	0.0000	OK
5760 minute summer	SWMBIC01	2940	15.662	0.012	0.2	0.0034	0.0000	OK
5760 minute summer	SWMBIC02	2940	15.612	0.012	0.2	0.0019	0.0000	OK
5760 minute summer	SWMBIC03	2940	15.387	0.027	1.2	0.0393	0.0000	OK
5760 minute summer	SWMBRE05	2940	15.769	0.014	0.3	0.0115	0.0000	OK
5760 minute summer	SWMBIC04	2940	15.296	0.026	1.7	0.0239	0.0000	OK
5760 minute summer	SWMBIC10	2880	15.378	0.013	0.4	0.0138	0.0000	OK
5760 minute summer	SWMBIC12	2880	15.158	0.018	0.6	0.0052	0.0000	OK
5760 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC11	2820	15.401	0.011	0.2	0.0051	0.0000	OK
5760 minute summer	SWMBIC14	3420	15.027	0.072	1.6	0.0801	0.0000	OK
5760 minute summer	SWMBIC13	2820	15.543	0.008	0.2	0.0048	0.0000	OK
5760 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBRE10	2640	15.302	0.007	0.1	0.0011	0.0000	OK
5760 minute summer	SWMBIC15	2640	15.193	0.008	0.1	0.0013	0.0000	OK
5760 minute summer	TANK	3420	15.026	0.326	4.8	84.7365	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
5760 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC08	6.001	SWMBIC09	0.4	0.384	0.007	0.3611	
5760 minute summer	SWMBIC09	1.004	TANK	3.2	0.370	0.046	0.5276	
5760 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0038	
5760 minute summer	SWMBIC06	4.002	SWMBIC07	0.4	0.399	0.024	0.0181	
5760 minute summer	SWMBIC07	1.003	SWMBIC09	2.5	0.395	0.028	1.1528	
5760 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0038	
5760 minute summer	SWMBIC05	4.001	SWMBIC06	0.2	0.249	0.012	0.0258	
5760 minute summer	SWMBRE01	2.000	SWMBIC01	0.1	0.192	0.006	0.0032	
5760 minute summer	SWMBIC01	2.001	SWMBIC02	0.2	0.303	0.013	0.0043	
5760 minute summer	SWMBIC02	2.002	SWMBIC03	0.2	0.308	0.013	0.0074	
5760 minute summer	SWMBIC03	1.001	SWMBIC04	1.2	0.402	0.016	0.0608	
5760 minute summer	SWMBRE05	1.000	SWMBIC03	0.3	0.315	0.007	0.0460	
5760 minute summer	SWMBIC04	1.002	SWMBIC07	1.7	0.464	0.015	0.7789	
5760 minute summer	SWMBIC10	9.000	SWMBIC12	0.4	0.328	0.007	0.0221	
5760 minute summer	SWMBIC12	7.002	SWMBIC14	0.6	0.265	0.014	0.1492	
5760 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0041	
5760 minute summer	SWMBIC11	7.001	SWMBIC12	0.2	0.368	0.010	0.0072	
5760 minute summer	SWMBIC14	7.003	TANK	1.6	0.504	0.038	0.1065	
5760 minute summer	SWMBIC13	10.001	SWMBIC14	0.2	0.531	0.006	0.0050	
5760 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0007	
5760 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0014	
5760 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.316	0.004	0.0014	
5760 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
5760 minute summer	TANK	1.005	SWMBIC17	5.1	0.488	0.050	0.1723	

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	SWMBMN01	3420	15.028	0.458	3.2	0.7570	0.0000	SURCHARGED
5760 minute summer	SW911	2880	13.642	0.023	2.5	0.0000	0.0000	OK
5760 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
5760 minute summer	SWMBIC17	3420	15.027	0.347	5.1	0.0983	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
5760 minute summer	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	425.6
5760 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0034	
5760 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
5760 minute summer	SWMBIC17	1.006	SWMBMN01	3.1	0.147	0.039	1.5233	

Results for 100 year +40% CC 7200 minute summer. 7440 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
7200 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC08	3480	15.042	0.012	0.3	0.0092	0.0000	OK
7200 minute summer	SWMBIC09	4080	14.930	0.200	2.7	0.1445	0.0000	OK
7200 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC06	3600	15.196	0.016	0.4	0.0104	0.0000	OK
7200 minute summer	SWMBIC07	4080	14.930	0.065	2.0	0.0504	0.0000	OK
7200 minute summer	SWMBRE02	3600	15.558	0.008	0.1	0.0028	0.0000	OK
7200 minute summer	SWMBIC05	3600	15.486	0.011	0.2	0.0052	0.0000	OK
7200 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC03	3600	15.382	0.022	0.8	0.0323	0.0000	OK
7200 minute summer	SWMBRE05	3360	15.766	0.011	0.2	0.0095	0.0000	OK
7200 minute summer	SWMBIC04	3600	15.292	0.022	1.2	0.0203	0.0000	OK
7200 minute summer	SWMBIC10	3420	15.377	0.012	0.3	0.0121	0.0000	OK
7200 minute summer	SWMBIC12	3660	15.157	0.017	0.5	0.0048	0.0000	OK
7200 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC11	3660	15.401	0.011	0.2	0.0051	0.0000	OK
7200 minute summer	SWMBIC14	3660	14.984	0.029	1.4	0.0323	0.0000	OK
7200 minute summer	SWMBIC13	3660	15.543	0.008	0.2	0.0048	0.0000	OK
7200 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBRE10	3420	15.302	0.007	0.1	0.0011	0.0000	OK
7200 minute summer	SWMBIC15	3420	15.193	0.008	0.1	0.0013	0.0000	OK
7200 minute summer	TANK	4080	14.930	0.230	4.1	59.7238	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
7200 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC08	6.001	SWMBIC09	0.3	0.384	0.005	0.2089	
7200 minute summer	SWMBIC09	1.004	TANK	2.7	0.367	0.038	0.4047	
7200 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0038	
7200 minute summer	SWMBIC06	4.002	SWMBIC07	0.4	0.399	0.024	0.0181	
7200 minute summer	SWMBIC07	1.003	SWMBIC09	2.0	0.395	0.023	0.6473	
7200 minute summer	SWMBRE02	4.000	SWMBIC05	0.1	0.207	0.006	0.0038	
7200 minute summer	SWMBIC05	4.001	SWMBIC06	0.2	0.249	0.012	0.0258	
7200 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC03	1.001	SWMBIC04	0.8	0.348	0.011	0.0467	
7200 minute summer	SWMBRE05	1.000	SWMBIC03	0.2	0.278	0.005	0.0348	
7200 minute summer	SWMBIC04	1.002	SWMBIC07	1.2	0.409	0.011	0.2490	
7200 minute summer	SWMBIC10	9.000	SWMBIC12	0.3	0.313	0.005	0.0189	
7200 minute summer	SWMBIC12	7.002	SWMBIC14	0.5	0.238	0.011	0.0544	
7200 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0041	
7200 minute summer	SWMBIC11	7.001	SWMBIC12	0.2	0.368	0.010	0.0072	
7200 minute summer	SWMBIC14	7.003	TANK	1.4	0.485	0.033	0.0195	
7200 minute summer	SWMBIC13	10.001	SWMBIC14	0.2	0.531	0.006	0.0050	
7200 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0007	
7200 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0014	
7200 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.316	0.004	0.0014	
7200 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
7200 minute summer	TANK	1.005	SWMBIC17	2.4	0.490	0.024	0.1477	

Results for 100 year +40% CC 7200 minute summer. 7440 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
7200 minute summer	SWMBMN01	4080	14.930	0.360	2.6	0.5954	0.0000	SURCHARGED
7200 minute summer	SW911	4560	13.642	0.023	2.5	0.0000	0.0000	OK
7200 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
7200 minute summer	SWMBIC17	4080	14.930	0.250	2.4	0.0708	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
7200 minute summer	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0193	421.1
7200 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0034	
7200 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
7200 minute summer	SWMBIC17	1.006	SWMBMN01	2.4	0.148	0.030	1.4404	

Results for 100 year +40% CC 8640 minute summer. 8880 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
8640 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC08	4320	15.042	0.012	0.3	0.0092	0.0000	OK
8640 minute summer	SWMBIC09	4740	14.853	0.123	2.1	0.0890	0.0000	OK
8640 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC06	3780	15.192	0.012	0.2	0.0075	0.0000	OK
8640 minute summer	SWMBIC07	4260	14.892	0.027	1.5	0.0209	0.0000	OK
8640 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC05	3780	15.483	0.008	0.1	0.0038	0.0000	OK
8640 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC03	4260	15.381	0.021	0.7	0.0306	0.0000	OK
8640 minute summer	SWMBRE05	4140	15.766	0.011	0.2	0.0095	0.0000	OK
8640 minute summer	SWMBIC04	4260	15.290	0.020	1.0	0.0188	0.0000	OK
8640 minute summer	SWMBIC10	4260	15.377	0.012	0.3	0.0121	0.0000	OK
8640 minute summer	SWMBIC12	4260	15.155	0.015	0.4	0.0043	0.0000	OK
8640 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC11	3480	15.398	0.008	0.1	0.0036	0.0000	OK
8640 minute summer	SWMBIC14	4320	14.981	0.026	1.1	0.0287	0.0000	OK
8640 minute summer	SWMBIC13	3480	15.541	0.006	0.1	0.0035	0.0000	OK
8640 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBRE10	4260	15.302	0.007	0.1	0.0011	0.0000	OK
8640 minute summer	SWMBIC15	4260	15.193	0.008	0.1	0.0013	0.0000	OK
8640 minute summer	TANK	4740	14.853	0.153	3.2	39.7564	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
8640 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC08	6.001	SWMBIC09	0.3	0.384	0.005	0.0611	
8640 minute summer	SWMBIC09	1.004	TANK	2.1	0.365	0.030	0.2378	
8640 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0024	
8640 minute summer	SWMBIC06	4.002	SWMBIC07	0.2	0.324	0.012	0.0112	
8640 minute summer	SWMBIC07	1.003	SWMBIC09	1.5	0.392	0.017	0.3151	
8640 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0015	
8640 minute summer	SWMBIC05	4.001	SWMBIC06	0.1	0.204	0.006	0.0159	
8640 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC03	1.001	SWMBIC04	0.7	0.338	0.009	0.0420	
8640 minute summer	SWMBRE05	1.000	SWMBIC03	0.2	0.278	0.005	0.0348	
8640 minute summer	SWMBIC04	1.002	SWMBIC07	1.0	0.392	0.009	0.0994	
8640 minute summer	SWMBIC10	9.000	SWMBIC12	0.3	0.313	0.005	0.0172	
8640 minute summer	SWMBIC12	7.002	SWMBIC14	0.4	0.235	0.009	0.0460	
8640 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0025	
8640 minute summer	SWMBIC11	7.001	SWMBIC12	0.1	0.298	0.005	0.0044	
8640 minute summer	SWMBIC14	7.003	TANK	1.1	0.452	0.026	0.0164	
8640 minute summer	SWMBIC13	10.001	SWMBIC14	0.1	0.436	0.003	0.0030	
8640 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0004	
8640 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0009	
8640 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.316	0.004	0.0014	
8640 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
8640 minute summer	TANK	1.005	SWMBIC17	2.6	0.491	0.026	0.0958	

Results for 100 year +40% CC 8640 minute summer. 8880 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
8640 minute summer	SWMBMN01	4740	14.853	0.283	2.7	0.4682	0.0000	SURCHARGED
8640 minute summer	SW911	4740	13.642	0.023	2.5	0.0000	0.0000	OK
8640 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
8640 minute summer	SWMBIC17	4740	14.853	0.173	2.6	0.0490	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
8640 minute summer	SWMBMN01	1.007	SW911	2.5	1.491	0.049	0.0192	408.1
8640 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0021	
8640 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
8640 minute summer	SWMBIC17	1.006	SWMBMN01	2.4	0.148	0.031	1.2004	

Results for 100 year +40% CC 10080 minute summer. 10320 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
10080 minute summer	SWMBRE04	60	15.350	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC08	4560	15.040	0.010	0.2	0.0077	0.0000	OK
10080 minute summer	SWMBIC09	5460	14.812	0.082	2.0	0.0589	0.0000	OK
10080 minute summer	SWMBRE03	60	15.550	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC06	4500	15.192	0.012	0.2	0.0075	0.0000	OK
10080 minute summer	SWMBIC07	5040	14.892	0.027	1.5	0.0209	0.0000	OK
10080 minute summer	SWMBRE02	60	15.550	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC05	4500	15.483	0.008	0.1	0.0038	0.0000	OK
10080 minute summer	SWMBRE01	60	15.700	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC01	60	15.650	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC02	60	15.600	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC03	5040	15.381	0.021	0.7	0.0306	0.0000	OK
10080 minute summer	SWMBRE05	4920	15.766	0.011	0.2	0.0095	0.0000	OK
10080 minute summer	SWMBIC04	5040	15.290	0.020	1.0	0.0188	0.0000	OK
10080 minute summer	SWMBIC10	5040	15.377	0.012	0.3	0.0121	0.0000	OK
10080 minute summer	SWMBIC12	5040	15.155	0.015	0.4	0.0043	0.0000	OK
10080 minute summer	SWMBRE06	60	15.550	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC11	4140	15.398	0.008	0.1	0.0036	0.0000	OK
10080 minute summer	SWMBIC14	5040	14.980	0.025	1.0	0.0275	0.0000	OK
10080 minute summer	SWMBIC13	4140	15.541	0.006	0.1	0.0035	0.0000	OK
10080 minute summer	SWMBRE08	60	15.600	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBRE09	60	15.600	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBRE10	5040	15.302	0.007	0.1	0.0011	0.0000	OK
10080 minute summer	SWMBIC15	5040	15.193	0.008	0.1	0.0013	0.0000	OK
10080 minute summer	TANK	5460	14.811	0.111	3.0	28.9344	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
10080 minute summer	SWMBRE04	6.000	SWMBIC08	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC08	6.001	SWMBIC09	0.2	0.343	0.003	0.0105	
10080 minute summer	SWMBIC09	1.004	TANK	2.0	0.365	0.028	0.1474	
10080 minute summer	SWMBRE03	5.000	SWMBIC06	0.0	0.000	0.000	0.0024	
10080 minute summer	SWMBIC06	4.002	SWMBIC07	0.2	0.324	0.012	0.0112	
10080 minute summer	SWMBIC07	1.003	SWMBIC09	1.5	0.395	0.017	0.1906	
10080 minute summer	SWMBRE02	4.000	SWMBIC05	0.0	0.000	0.000	0.0015	
10080 minute summer	SWMBIC05	4.001	SWMBIC06	0.1	0.204	0.006	0.0159	
10080 minute summer	SWMBRE01	2.000	SWMBIC01	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC01	2.001	SWMBIC02	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC02	2.002	SWMBIC03	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC03	1.001	SWMBIC04	0.7	0.338	0.009	0.0420	
10080 minute summer	SWMBRE05	1.000	SWMBIC03	0.2	0.278	0.005	0.0348	
10080 minute summer	SWMBIC04	1.002	SWMBIC07	1.0	0.392	0.009	0.0994	
10080 minute summer	SWMBIC10	9.000	SWMBIC12	0.3	0.313	0.005	0.0172	
10080 minute summer	SWMBIC12	7.002	SWMBIC14	0.4	0.235	0.009	0.0439	
10080 minute summer	SWMBRE06	7.000	SWMBIC11	0.0	0.000	0.000	0.0025	
10080 minute summer	SWMBIC11	7.001	SWMBIC12	0.1	0.298	0.005	0.0044	
10080 minute summer	SWMBIC14	7.003	TANK	1.0	0.439	0.024	0.0154	
10080 minute summer	SWMBIC13	10.001	SWMBIC14	0.1	0.436	0.003	0.0030	
10080 minute summer	SWMBRE08	11.000	SWMBIC13	0.0	0.000	0.000	0.0004	
10080 minute summer	SWMBRE09	10.000	SWMBIC13	0.0	0.000	0.000	0.0009	
10080 minute summer	SWMBRE10	12.000	SWMBIC15	0.1	0.316	0.004	0.0014	
10080 minute summer	SWMBIC15	12.001	SWMBIC14	0.1	0.273	0.006	0.0055	
10080 minute summer	TANK	1.005	SWMBIC17	2.7	0.491	0.027	0.0654	

Results for 100 year +40% CC 10080 minute summer. 10320 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
10080 minute summer	SWMBMN01	5460	14.811	0.241	2.5	0.3991	0.0000	SURCHARGED
10080 minute summer	SW911	5460	13.641	0.022	2.5	0.0000	0.0000	OK
10080 minute summer	SWMBRE07	60	15.600	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC16	60	15.485	0.000	0.0	0.0000	0.0000	OK
10080 minute summer	SWMBIC17	5460	14.811	0.131	2.7	0.0372	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
10080 minute summer	SWMBMN01	1.007	SW911	2.5	1.487	0.048	0.0191	407.4
10080 minute summer	SWMBRE07	8.000	SWMBIC11	0.0	0.000	0.000	0.0021	
10080 minute summer	SWMBIC16	3.000	SWMBIC04	0.0	0.000	0.000	0.0000	
10080 minute summer	SWMBIC17	1.006	SWMBMN01	2.3	0.148	0.029	0.9777	

Appendix H

MWP – Exceedance Plan