

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	1.000	Preferred Cover Depth (m)	1.200
Time of Entry (mins)	5.00	Include Intermediate Ground	✓
Maximum Time of Concentration (mins)	30.00	Enforce best practice design rules	x
Maximum Rainfall (mm/hr)	50.0		

Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
Network2_1	0.038	5.00	15.625	1200	516658.134	105395.155	1.575
Network2_2	0.030	5.00	15.483	1200	516608.432	105389.732	1.575
Network2_3	0.069	5.00	15.084	1200	516633.867	105367.453	1.650
Network2_4	0.014	5.00	14.454	1200	516682.178	105325.781	1.601
Network2_5	0.022	5.00	14.354	1200	516694.166	105319.360	1.558
Network2_6	0.037	5.00	14.311	1200	516707.122	105316.506	1.571
Network2_SA2_2b			14.400	1200	516712.543	105306.134	1.700
Network2_SA2_2a			14.400	1200	516709.790	105325.444	1.700
Network2_7			14.500	1200	516709.408	105321.373	1.783
Network2_8			14.700	1200	516711.570	105308.059	2.000
Network2_9			14.400	1200	516712.660	105286.689	1.700
Network2_9A			14.750	1200	516710.380	105329.634	2.050

Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
1.000	Network2_1	Network2_3	36.828	0.600	14.050	13.509	0.541	68.1	225	5.39	50.0
2.000	Network2_2	Network2_3	33.813	0.600	13.908	13.509	0.399	84.7	225	5.40	50.0
1.001	Network2_3	Network2_4	63.801	0.600	13.434	12.853	0.581	109.8	300	6.11	50.0
1.002	Network2_4	Network2_5	13.599	0.600	12.853	12.796	0.057	238.0	300	6.33	50.0
1.003	Network2_5	Network2_6	13.267	0.600	12.796	12.740	0.056	238.0	300	6.55	50.0
1.004	Network2_6	Network2_7	5.377	0.600	12.740	12.717	0.023	238.0	300	6.64	50.0
1.005	Network2_7	Network2_SA2_2a	4.089	0.600	12.717	12.700	0.017	238.0	300	6.70	50.0
3.000	Network2_6	Network2_8	9.547	0.600	12.749	12.709	0.040	238.0	300	5.16	50.0
3.001	Network2_8	Network2_SA2_2b	2.157	0.600	12.709	12.700	0.009	238.0	300	5.19	50.0
4.000	Network2_8	Network2_9	21.398	0.600	12.700	12.700	0.000	0.0	100	5.36	50.0

Name	US Node	DS Node	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
1.000	Network2_1	Network2_3	1.587	63.1	6.9	1.350	1.350	0.038	0.0	50	1.045
2.000	Network2_2	Network2_3	1.421	56.5	5.4	1.350	1.350	0.030	0.0	47	0.906
1.001	Network2_3	Network2_4	1.499	106.0	24.8	1.350	1.301	0.137	0.0	98	1.229
1.002	Network2_4	Network2_5	1.015	71.7	27.3	1.301	1.258	0.151	0.0	128	0.947
1.003	Network2_5	Network2_6	1.015	71.7	31.3	1.258	1.271	0.173	0.0	139	0.981
1.004	Network2_6	Network2_7	1.015	71.7	37.9	1.271	1.483	0.210	0.0	155	1.028
1.005	Network2_7	Network2_SA2_2a	1.015	71.7	37.9	1.483	1.400	0.210	0.0	155	1.028
3.000	Network2_6	Network2_8	1.015	71.7	0.0	1.262	1.691	0.000	0.0	0	0.000
3.001	Network2_8	Network2_SA2_2b	1.015	71.7	0.0	1.691	1.400	0.000	0.0	0	0.000
4.000	Network2_8	Network2_9	1.000	7.9	0.0	1.900	1.600	0.000	0.0	0	0.000

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)
1.006	Network2_SA2_2a	Network2_9A	4.232	0.600	12.700	12.700	0.000	0.0	300	6.77	50.0

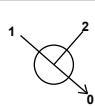
Name	US Node	DS Node	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
1.006	Network2_SA2_2a	Network2_9A	1.000	70.7	37.9	1.400	1.750	0.210	0.0	0	∞

Pipeline Schedule

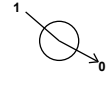
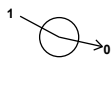
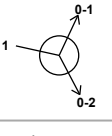
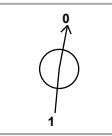
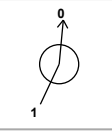
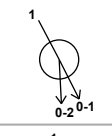
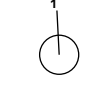
Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.000	36.828	68.1	225	Circular	15.625	14.050	1.350	15.084	13.509	1.350
2.000	33.813	84.7	225	Circular	15.483	13.908	1.350	15.084	13.509	1.350
1.001	63.801	109.8	300	Circular	15.084	13.434	1.350	14.454	12.853	1.301
1.002	13.599	238.0	300	Circular	14.454	12.853	1.301	14.354	12.796	1.258
1.003	13.267	238.0	300	Circular	14.354	12.796	1.258	14.311	12.740	1.271
1.004	5.377	238.0	300	Circular	14.311	12.740	1.271	14.500	12.717	1.483
1.005	4.089	238.0	300	Circular	14.500	12.717	1.483	14.400	12.700	1.400
3.000	9.547	238.0	300	Circular	14.311	12.749	1.262	14.700	12.709	1.691
3.001	2.157	238.0	300	Circular	14.700	12.709	1.691	14.400	12.700	1.400
4.000	21.398	0.0	100	Circular	14.700	12.700	1.900	14.400	12.700	1.600
1.006	4.232	0.0	300	Circular	14.400	12.700	1.400	14.750	12.700	1.750

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.000	Network2_1	1200	Manhole	Adoptable_Type A1	Network2_3	1200	Manhole	Adoptable_Type A1
2.000	Network2_2	1200	Manhole	Adoptable_Type A1	Network2_3	1200	Manhole	Adoptable_Type A1
1.001	Network2_3	1200	Manhole	Adoptable_Type A1	Network2_4	1200	Manhole	Adoptable_Type A1
1.002	Network2_4	1200	Manhole	Adoptable_Type A1	Network2_5	1200	Manhole	Adoptable_Type A1
1.003	Network2_5	1200	Manhole	Adoptable_Type A1	Network2_6	1200	Manhole	Adoptable_Type A1
1.004	Network2_6	1200	Manhole	Adoptable_Type A1	Network2_7	1200	Manhole	Adoptable_Type A1
1.005	Network2_7	1200	Manhole	Adoptable_Type A1	Network2_SA2_2a	1200	Manhole	Adoptable_Type A1
3.000	Network2_6	1200	Manhole	Adoptable_Type A1	Network2_8	1200	Manhole	Adoptable_Type A1
3.001	Network2_8	1200	Manhole	Adoptable_Type A1	Network2_SA2_2b	1200	Manhole	Adoptable_Type A1
4.000	Network2_8	1200	Manhole	Adoptable_Type A1	Network2_9	1200	Manhole	Adoptable_Type A1
1.006	Network2_SA2_2a	1200	Manhole	Adoptable_Type A1	Network2_9A	1200	Manhole	Adoptable_Type A1

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
Network2_1	516658.134	105395.155	15.625	1.575	1200		0	1.000	14.050	225
Network2_2	516608.432	105389.732	15.483	1.575	1200		0	2.000	13.908	225
Network2_3	516633.867	105367.453	15.084	1.650	1200		1 2 0	2.000 1.000 1.001	13.509 13.509 13.434	225 225 300

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
Network2_4	516682.178	105325.781	14.454	1.601	1200		1.001	12.853	300
Network2_5	516694.166	105319.360	14.354	1.558	1200		1.002	12.796	300
Network2_6	516707.122	105316.506	14.311	1.571	1200		1.003	12.740	300
Network2_SA2_2b	516712.543	105306.134	14.400	1.700	1200		3.001	12.700	300
Network2_SA2_2a	516709.790	105325.444	14.400	1.700	1200		1.005	12.700	300
Network2_7	516709.408	105321.373	14.500	1.783	1200		1.004	12.717	300
Network2_8	516711.570	105308.059	14.700	2.000	1200		3.001	12.709	300
Network2_9	516712.660	105286.689	14.400	1.700	1200		4.000	12.700	100
Network2_9A	516710.380	105329.634	14.750	2.050	1200		1.006	12.700	300

Simulation Settings

Rainfall Methodology	FEH-22	Analysis Speed	Detailed	Starting Level (m)
Rainfall Events	Singular	Skip Steady State	x	Check Discharge Rate(s) x
Summer CV	1.000	Drain Down Time (mins)	2880	Check Discharge Volume x
Winter CV	1.000	Additional Storage (m ³ /ha)	0.0	

Storm Durations

15 | 30 | 60 | 120 | 180 | 240 | 360 | 480 | 600 | 720 | 960 | 1440 | 2160

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

Node Network2_8 Online Head/Flow Control

Flap Valve	x	Replaces Downstream Link	x
Downstream Link	4.000	Invert Level (m)	12.700

Head (m)	Flow (l/s)	Head (m)	Flow (l/s)
0.001	0.000	9.999	0.000

Node Network2_SA2_2a Online Head/Flow Control

Flap Valve	x	Replaces Downstream Link	x
Downstream Link	1.006	Invert Level (m)	12.700

Head (m)	Flow (l/s)	Head (m)	Flow (l/s)
0.001	0.000	9.999	0.000

Node Network2_SA2_2b Soakaway Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	12.700	Depth (m)	0.800
Side Inf Coefficient (m/hr)	0.15840	Time to half empty (mins)	2159	Inf Depth (m)	
Safety Factor	2.0	Pit Width (m)	9.000	Number Required	1
Porosity	0.95	Pit Length (m)	18.000		

Node Network2_SA2_2a Soakaway Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	12.700	Depth (m)	0.800
Side Inf Coefficient (m/hr)	0.15840	Time to half empty (mins)	1380	Inf Depth (m)	
Safety Factor	2.0	Pit Width (m)	5.500	Number Required	1
Porosity	0.95	Pit Length (m)	14.000		

Results for 1 year Critical Storm Duration. Lowest mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	Network2_1	11	14.090	0.040	4.5	0.0457	0.0000	OK
15 minute summer	Network2_2	11	13.946	0.038	3.6	0.0431	0.0000	OK
15 minute summer	Network2_3	11	13.512	0.078	16.0	0.0879	0.0000	OK
15 minute summer	Network2_4	11	12.960	0.107	17.5	0.1215	0.0000	OK
15 minute summer	Network2_5	11	12.911	0.115	19.5	0.1299	0.0000	OK
2160 minute summer	Network2_6	1560	12.896	0.156	2.1	0.1759	0.0000	OK
2160 minute summer	Network2_SA2_2b	1560	12.896	0.196	1.3	30.3175	0.0000	OK
2160 minute summer	Network2_SA2_2a	1560	12.896	0.196	0.7	14.5263	0.0000	OK
2160 minute summer	Network2_7	1560	12.896	0.179	0.7	0.2020	0.0000	OK
2160 minute summer	Network2_8	1560	12.896	0.196	1.4	0.2212	0.0000	OK
15 minute summer	Network2_9	1	12.701	0.001	0.0	0.0000	0.0000	OK
15 minute summer	Network2_9A	1	12.700	0.000	0.0	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Network2_1	1.000	Network2_3	4.4	0.914	0.069	0.1764	
15 minute summer	Network2_2	2.000	Network2_3	3.5	0.790	0.062	0.1487	
15 minute summer	Network2_3	1.001	Network2_4	15.9	0.894	0.150	1.1838	
15 minute summer	Network2_4	1.002	Network2_5	17.0	0.733	0.237	0.3226	
15 minute summer	Network2_5	1.003	Network2_6	19.8	0.907	0.276	0.3290	
2160 minute summer	Network2_6	1.004	Network2_7	0.7	0.185	0.010	0.2167	
2160 minute summer	Network2_6	3.000	Network2_8	1.4	0.283	0.019	0.3830	
2160 minute summer	Network2_SA2_2b	Infiltration		0.2				
2160 minute summer	Network2_SA2_2a	1.006	Network2_9A	0.0	0.000	0.000	0.0000	0.0
2160 minute summer	Network2_SA2_2a	Infiltration		0.2				
2160 minute summer	Network2_7	1.005	Network2_SA2_2a	0.7	0.291	0.009	0.1888	
2160 minute summer	Network2_8	3.001	Network2_SA2_2b	1.3	0.402	0.019	0.1021	
2160 minute summer	Network2_8	4.000	Network2_9	0.0	0.000	0.000	0.0010	0.0

**Results for 2 year Critical Storm Duration. Lowest mass balance: 99.94%**

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	Network2_1	10	14.101	0.051	7.2	0.0578	0.0000	OK
15 minute summer	Network2_2	10	13.956	0.048	5.7	0.0542	0.0000	OK
15 minute summer	Network2_3	11	13.532	0.098	25.4	0.1114	0.0000	OK
15 minute summer	Network2_4	11	12.996	0.143	27.6	0.1615	0.0000	OK
2160 minute summer	Network2_5	1500	12.952	0.156	2.2	0.1768	0.0000	OK
2160 minute summer	Network2_6	1500	12.952	0.212	2.6	0.2401	0.0000	OK
2160 minute summer	Network2_SA2_2b	1500	12.952	0.252	1.6	39.1135	0.0000	OK
2160 minute summer	Network2_SA2_2a	1500	12.952	0.252	0.8	18.7408	0.0000	OK
2160 minute summer	Network2_7	1500	12.952	0.235	0.9	0.2661	0.0000	OK
2160 minute summer	Network2_8	1500	12.952	0.252	1.7	0.2853	0.0000	OK
15 minute summer	Network2_9	1	12.701	0.001	0.0	0.0000	0.0000	OK
15 minute summer	Network2_9A	1	12.700	0.000	0.0	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Network2_1	1.000	Network2_3	7.0	1.046	0.110	0.2454	
15 minute summer	Network2_2	2.000	Network2_3	5.5	0.905	0.098	0.2065	
15 minute summer	Network2_3	1.001	Network2_4	25.1	0.992	0.237	1.6961	
15 minute summer	Network2_4	1.002	Network2_5	27.2	0.828	0.379	0.4587	
2160 minute summer	Network2_5	1.003	Network2_6	2.2	0.278	0.030	0.5997	
2160 minute summer	Network2_6	1.004	Network2_7	0.9	0.244	0.012	0.3027	
2160 minute summer	Network2_6	3.000	Network2_8	1.7	0.275	0.023	0.5347	
2160 minute summer	Network2_SA2_2b	Infiltration		0.3				
2160 minute summer	Network2_SA2_2a	1.006	Network2_9A	0.0	0.000	0.000	0.0000	0.0
2160 minute summer	Network2_SA2_2a	Infiltration		0.2				
2160 minute summer	Network2_7	1.005	Network2_SA2_2a	0.8	0.291	0.012	0.2505	
2160 minute summer	Network2_8	3.001	Network2_SA2_2b	1.6	0.383	0.023	0.1342	
2160 minute summer	Network2_8	4.000	Network2_9	0.0	0.000	0.000	0.0010	0.0

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	Network2_1	10	14.134	0.084	18.8	0.0953	0.0000	OK
15 minute summer	Network2_2	10	13.986	0.078	14.8	0.0881	0.0000	OK
15 minute summer	Network2_3	10	13.603	0.169	67.5	0.1913	0.0000	OK
720 minute winter	Network2_4	705	13.181	0.328	5.9	0.3712	0.0000	SURCHARGED
720 minute winter	Network2_5	705	13.181	0.385	6.4	0.4357	0.0000	SURCHARGED
720 minute winter	Network2_6	705	13.181	0.441	7.7	0.4990	0.0000	SURCHARGED
720 minute winter	Network2_SA2_2b	705	13.181	0.481	5.0	74.6004	0.0000	OK
720 minute winter	Network2_SA2_2a	705	13.181	0.481	2.5	35.7437	0.0000	SURCHARGED
720 minute winter	Network2_7	705	13.181	0.464	2.5	0.5250	0.0000	SURCHARGED
720 minute winter	Network2_8	705	13.181	0.481	5.0	0.5442	0.0000	SURCHARGED
15 minute summer	Network2_9	1	12.701	0.001	0.0	0.0000	0.0000	OK
15 minute summer	Network2_9A	1	12.700	0.000	0.0	0.0000	0.0000	OK
Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Network2_1	1.000	Network2_3	18.7	1.310	0.296	0.5390	
15 minute summer	Network2_2	2.000	Network2_3	14.7	1.091	0.260	0.4718	
15 minute summer	Network2_3	1.001	Network2_4	65.9	1.194	0.622	3.5496	
720 minute winter	Network2_4	1.002	Network2_5	5.5	0.517	0.077	0.9576	
720 minute winter	Network2_5	1.003	Network2_6	6.3	0.413	0.088	0.9343	
720 minute winter	Network2_6	1.004	Network2_7	2.5	0.351	0.035	0.3786	
720 minute winter	Network2_6	3.000	Network2_8	5.0	0.391	0.070	0.6723	
720 minute winter	Network2_SA2_2b	Infiltration		0.6				
720 minute winter	Network2_SA2_2a	1.006	Network2_9A	0.0	0.000	0.000	0.0000	0.0
720 minute winter	Network2_SA2_2a	Infiltration		0.4				
720 minute winter	Network2_7	1.005	Network2_SA2_2a	2.5	0.542	0.034	0.2879	
720 minute winter	Network2_8	3.001	Network2_SA2_2b	5.0	0.513	0.069	0.1519	
720 minute winter	Network2_8	4.000	Network2_9	0.0	0.024	0.000	0.0022	0.0

**Results for 30 year +40% CC Critical Storm Duration. Lowest mass balance: 99.85%**

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	Network2_1	10	14.150	0.100	26.3	0.1131	0.0000	OK
15 minute summer	Network2_2	10	14.001	0.093	20.7	0.1053	0.0000	OK
15 minute summer	Network2_3	11	13.693	0.259	94.2	0.2934	0.0000	OK
720 minute winter	Network2_4	705	13.376	0.523	8.2	0.5911	0.0000	SURCHARGED
720 minute winter	Network2_5	705	13.376	0.580	8.9	0.6555	0.0000	SURCHARGED
720 minute winter	Network2_6	705	13.376	0.636	10.8	0.7188	0.0000	SURCHARGED
720 minute winter	Network2_SA2_2b	705	13.376	0.676	7.1	104.7352	0.0000	OK
720 minute winter	Network2_SA2_2a	705	13.376	0.676	3.5	50.1825	0.0000	SURCHARGED
720 minute winter	Network2_7	705	13.376	0.659	3.6	0.7449	0.0000	SURCHARGED
720 minute winter	Network2_8	705	13.376	0.676	7.2	0.7641	0.0000	SURCHARGED
15 minute summer	Network2_9	1	12.701	0.001	0.0	0.0000	0.0000	OK
15 minute summer	Network2_9A	1	12.700	0.000	0.0	0.0000	0.0000	OK
Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Network2_1	1.000	Network2_3	26.0	1.305	0.413	0.9481	
15 minute summer	Network2_2	2.000	Network2_3	20.5	1.097	0.363	0.8459	
15 minute summer	Network2_3	1.001	Network2_4	85.4	1.262	0.805	4.3116	
720 minute winter	Network2_4	1.002	Network2_5	7.7	0.516	0.108	0.9576	
720 minute winter	Network2_5	1.003	Network2_6	8.8	0.446	0.123	0.9343	
720 minute winter	Network2_6	1.004	Network2_7	3.6	0.369	0.050	0.3786	
720 minute winter	Network2_6	3.000	Network2_8	7.2	0.418	0.100	0.6723	
720 minute winter	Network2_SA2_2b	Infiltration		0.8				
720 minute winter	Network2_SA2_2a	1.006	Network2_9A	0.0	0.000	0.000	0.0000	0.0
720 minute winter	Network2_SA2_2a	Infiltration		0.6				
720 minute winter	Network2_7	1.005	Network2_SA2_2a	3.5	0.625	0.049	0.2879	
720 minute winter	Network2_8	3.001	Network2_SA2_2b	7.1	0.624	0.100	0.1519	
720 minute winter	Network2_8	4.000	Network2_9	0.0	0.024	0.000	0.0022	0.0

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	Network2_1	12	14.253	0.203	33.0	0.2299	0.0000	OK
15 minute summer	Network2_2	11	14.244	0.336	26.1	0.3802	0.0000	SURCHARGED
720 minute winter	Network2_3	705	14.147	0.713	9.3	0.8059	0.0000	SURCHARGED
720 minute winter	Network2_4	705	14.147	1.294	10.2	1.4630	0.0000	SURCHARGED
720 minute winter	Network2_5	705	14.147	1.351	11.4	1.5274	0.0000	FLOOD RISK
720 minute winter	Network2_6	705	14.146	1.406	13.8	1.5907	0.0000	FLOOD RISK
720 minute winter	Network2_SA2_2b	705	14.146	1.446	9.1	124.8329	0.0000	OK
720 minute winter	Network2_SA2_2a	705	14.146	1.446	4.5	60.1925	0.0000	FLOOD RISK
720 minute winter	Network2_7	705	14.146	1.429	4.6	1.6167	0.0000	SURCHARGED
720 minute winter	Network2_8	705	14.146	1.446	9.2	1.6360	0.0000	SURCHARGED
15 minute summer	Network2_9	1	12.701	0.001	0.0	0.0000	0.0000	OK
15 minute summer	Network2_9A	1	12.700	0.000	0.0	0.0000	0.0000	OK
Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	Network2_1	1.000	Network2_3	31.7	1.304	0.503	1.4278	
15 minute summer	Network2_2	2.000	Network2_3	24.6	1.069	0.436	1.3448	
720 minute winter	Network2_3	1.001	Network2_4	9.3	0.639	0.088	4.4928	
720 minute winter	Network2_4	1.002	Network2_5	9.9	0.511	0.138	0.9576	
720 minute winter	Network2_5	1.003	Network2_6	11.3	0.476	0.158	0.9343	
720 minute winter	Network2_6	1.004	Network2_7	4.6	0.386	0.064	0.3786	
720 minute winter	Network2_6	3.000	Network2_8	9.2	0.438	0.128	0.6723	
720 minute winter	Network2_SA2_2b	Infiltration		0.9				
720 minute winter	Network2_SA2_2a	1.006	Network2_9A	0.0	0.000	0.000	0.0000	0.0
720 minute winter	Network2_SA2_2a	Infiltration		0.7				
720 minute winter	Network2_7	1.005	Network2_SA2_2a	4.5	0.644	0.063	0.2879	
720 minute winter	Network2_8	3.001	Network2_SA2_2b	9.1	0.614	0.127	0.1519	
720 minute winter	Network2_8	4.000	Network2_9	0.0	0.024	0.000	0.0022	0.0