Simulation Settings

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

Storm Durations

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

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

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	EX S9	9	24.560	0.770	10.8	0.8709	0.1685	FLOOD
15 minute summer	EX S10	9	24.556	0.984	16.4	1.1124	0.0000	FLOOD RISK
15 minute summer	EX S11	8	24.500	1.050	89.8	1.1340	17.2272	FLOOD
15 minute summer	2.000:50%	10	24.542	1.207	44.1	0.0000	0.0000	SURCHARGED
15 minute summer	EX S12	9	24.546	1.326	109.4	1.4997	0.0000	SURCHARGED
15 minute summer	TW 1372mm SEWER	1	23.446	1.372	91.1	0.0000	0.0000	OK

Link Event (Outflow)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	EX S9	1.000	EX S10	6.5	0.864	0.185	0.0996	
15 minute summer	EX S10	1.001	EX S12	-16.4	-0.932	-0.469	0.1611	
30 minute summer	EX S11	2.000	2.000:50%	30.8	0.774	0.569	0.4213	
30 minute winter	EX S11	2.000	EX S12	44.7	1.125	0.826	0.4213	
15 minute summer	EX S12	1.002	TW 1372mm SEWER	91.1	2.291	0.924	1.2780	52.2