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: 99.77%

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	9.0	0.8709	0.3422	FLOOD
15 minute summer	EX S10	9	24.562	0.990	13.3	1.1193	0.0000	FLOOD RISK
15 minute summer	EX S11	9	24.500	1.050	58.0	1.1340	8.5449	FLOOD
15 minute summer	2.000:50%	10	24.531	1.196	43.2	0.0000	0.0000	SURCHARGED
15 minute summer	EX S12	9	24.531	1.311	96.9	1.4825	0.0000	SURCHARGED
15 minute summer	TW 1372mm SEWER	1	23.446	1.372	90.4	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	7.1	0.907	0.204	0.0996	
15 minute summer	EX S10	1.001	EX S12	-13.3	-0.756	-0.380	0.1611	
15 minute summer	EX S11	2.000	2.000:50%	-25.4	-0.640	-0.469	0.4213	
30 minute summer	EX S11	2.000	EX S12	38.4	0.967	0.710	0.4213	
15 minute summer	EX S12	1.002	TW 1372mm SEWER	90.4	2.272	0.916	1.2780	47.2