



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 %)
2	0	0	0

Results for 2 year Critical Storm Duration. Lowest mass balance: 99.43%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	LDC J1	1	23.300	0.000	0.0	0.0000	0.0000	OK
15 minute summer	LDC J2	1	23.180	0.000	0.0	0.0000	0.0000	OK
15 minute summer	LDC Outlet	1	23.060	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S1	10	22.864	0.083	2.2	0.1182	0.0000	OK
15 minute summer	S2	10	22.863	0.139	28.1	0.1567	0.0000	OK
15 minute summer	S3	10	22.827	0.137	27.6	0.1957	0.0000	OK
15 minute summer	S4	10	22.790	0.139	30.0	0.1992	0.0000	OK
240 minute summer	S5	164	22.751	0.130	9.6	0.1862	0.0000	OK
15 minute summer	S6	10	23.170	0.070	9.4	0.0795	0.0000	OK
15 minute summer	S7	10	23.141	0.091	18.7	0.1031	0.0000	OK
15 minute summer	S8	10	23.185	0.035	2.8	0.0397	0.0000	OK
240 minute summer	Flow Control	164	22.751	0.177	9.4	15.8867	0.0000	SURCHARGED
15 minute summer	Non-Return Valve	11	22.537	0.030	1.9	0.0342	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	LDC J1	1.000	LDC J2	0.0	0.000	0.000	0.0000	
15 minute summer	LDC J2	1.001	LDC Outlet	0.0	0.000	0.000	0.0000	
15 minute summer	LDC Outlet	1.003	S1	0.0	0.000	0.000	0.0000	
15 minute summer	S1	1.004	S2	-2.2	-0.145	-0.019	0.4401	
15 minute summer	S2	1.005	S3	27.6	0.753	0.232	0.3476	
15 minute summer	S3	1.006	S4	27.2	0.739	0.228	0.3993	
15 minute summer	S4	1.007	S5	29.6	0.844	0.249	0.2933	
15 minute summer	S5	1.008	Flow Control	29.9	1.057	0.251	0.3961	
15 minute summer	S6	2.000	S2	9.4	1.232	0.379	0.0497	
15 minute summer	S7	2.001	S2	18.7	1.312	0.299	0.1487	
15 minute summer	S8	6.000	S4	2.8	1.185	0.238	0.0142	
240 minute summer	Flow Control	Hydro-Brake®	Non-Return Valve	2.0				
15 minute summer	Non-Return Valve	1.010	EX S5	2.6	0.712	0.090	0.0162	

Results for 2 year Critical Storm Duration. Lowest mass balance: 99.43%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	EX S1	1	22.680	0.000	0.0	0.0000	0.0000	OK
15 minute summer	EX S2	10	22.750	0.065	8.1	0.0698	0.0000	OK
15 minute summer	EX S3	11	22.541	0.010	0.3	0.0103	0.0000	OK
15 minute summer	EX S4	10	22.594	0.072	8.1	0.0817	0.0000	OK
15 minute summer	EX S5	10	22.540	0.094	10.0	0.1068	0.0000	OK
15 minute summer	EX S6	10	22.516	0.089	9.6	0.1010	0.0000	OK
15 minute summer	EX S7	10	22.487	0.080	9.6	0.0905	0.0000	OK
15 minute summer	EX S8	11	22.423	0.042	9.6	0.0471	0.0000	OK
10080 minute summer	TW 2930	8280	19.372	1.292	0.9	7.5571	0.0000	OK
10080 minute summer	TW JNC 2903	8100	19.372	1.261	0.3	1.4262	0.0000	OK
15 minute summer	TW 2930 Bend	1	19.882	1.829	0.0	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 S1	3.000	EX S3	0.0	0.000	0.000	0.0034	
15 minute summer	EX S2	4.000	EX S4	8.1	1.044	0.353	0.0766	
15 minute summer	EX S3	3.001	EX S5	-0.3	-0.064	-0.011	0.0178	
15 minute summer	EX S4	4.001	EX S5	8.1	0.962	0.350	0.0285	
15 minute summer	EX S5	1.011	EX S6	9.6	0.850	0.417	0.0130	
15 minute summer	EX S6	1.012	EX S7	9.6	0.937	0.415	0.0121	
15 minute summer	EX S7	1.013	EX S8	9.6	1.430	0.419	0.0107	
15 minute summer	EX S8	1.014	TW 2930	9.5	2.416	0.163	0.0966	
15 minute summer	TW 2930	5.001	TW 2930 Bend	0.0	0.000	0.000	39.6215	0.0
15 minute summer	TW JNC 2903	5.000	TW 2930	-3.7	-0.155	-0.001	7.7786	