



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 %)
5	0	0	0

Results for 5 year Critical Storm Duration. Lowest mass balance: 98.88%

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	22.921	0.140	3.4	0.2001	0.0000	OK
15 minute summer	S2	10	22.921	0.197	49.5	0.2233	0.0000	OK
15 minute summer	S3	10	22.883	0.193	49.0	0.2767	0.0000	OK
15 minute summer	S4	10	22.842	0.191	52.9	0.2731	0.0000	OK
180 minute winter	S5	164	22.835	0.214	11.5	0.3057	0.0000	OK
15 minute summer	S6	10	23.202	0.102	16.6	0.1158	0.0000	OK
15 minute summer	S7	10	23.179	0.129	32.8	0.1455	0.0000	OK
15 minute summer	S8	10	23.198	0.048	4.8	0.0542	0.0000	OK
180 minute winter	Flow Control	168	22.835	0.261	11.2	28.8017	0.0000	SURCHARGED
15 minute summer	Non-Return Valve	11	22.582	0.075	2.0	0.0843	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	-3.4	-0.122	-0.028	0.7714	
15 minute summer	S2	1.005	S3	49.0	0.844	0.411	0.5505	
15 minute summer	S3	1.006	S4	48.1	0.847	0.404	0.6168	
15 minute summer	S4	1.007	S5	52.1	0.998	0.438	0.4354	
15 minute summer	S5	1.008	Flow Control	51.6	1.323	0.434	0.6094	
15 minute summer	S6	2.000	S2	16.6	1.395	0.670	0.0774	
15 minute summer	S7	2.001	S2	32.8	1.498	0.524	0.2284	
15 minute summer	S8	6.000	S4	4.8	1.355	0.409	0.0213	
180 minute winter	Flow Control	Hydro-Brake®	Non-Return Valve	2.0				
30 minute winter	Non-Return Valve	1.010	EX S5	3.5	0.721	0.121	0.0201	

Results for 5 year Critical Storm Duration. Lowest mass balance: 98.88%

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	22.778	0.093	14.1	0.1003	0.0000	OK
15 minute summer	EX S3	11	22.582	0.051	0.9	0.0548	0.0000	OK
15 minute summer	EX S4	10	22.631	0.109	14.1	0.1233	0.0000	OK
15 minute summer	EX S5	11	22.582	0.136	15.6	0.1534	0.0000	OK
15 minute summer	EX S6	11	22.549	0.121	15.0	0.1374	0.0000	OK
15 minute summer	EX S7	11	22.513	0.106	15.1	0.1194	0.0000	OK
15 minute summer	EX S8	11	22.435	0.054	15.1	0.0605	0.0000	OK
8640 minute winter	TW 2930	6780	19.882	1.802	0.9	10.5399	0.0000	OK
7200 minute winter	TW JNC 2903	6420	19.882	1.771	0.3	2.0030	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	0.0388	
15 minute summer	EX S2	4.000	EX S4	14.1	1.147	0.613	0.1232	
15 minute summer	EX S3	3.001	EX S5	1.0	-0.134	0.042	0.0386	
15 minute summer	EX S4	4.001	EX S5	14.0	1.086	0.606	0.0467	
15 minute summer	EX S5	1.011	EX S6	15.0	0.941	0.656	0.0184	
15 minute summer	EX S6	1.012	EX S7	15.1	1.056	0.652	0.0168	
15 minute summer	EX S7	1.013	EX S8	15.1	1.597	0.664	0.0150	
15 minute summer	EX S8	1.014	TW 2930	15.2	2.742	0.259	0.1357	
8640 minute winter	TW 2930	5.001	TW 2930 Bend	0.1	0.000	0.000	71.8133	10.0
15 minute summer	TW JNC 2903	5.000	TW 2930	-6.3	-0.185	-0.002	14.6845	