

Node **OUTFALL Surcharged Outfall**

Overrides Design Area

x

Depression Storage Area (m²)

0

Evapo-transpiration (mm/day)

0

Overrides Design Additional Inflow

x

Depression Storage Depth (mm)

0

Applies to 100yr+40% CC 15, 30, 60, 120, 180, 240, 360, 480, 600, 720, 960, 1440 minute storms

Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
0	1.150	180	1.150	360	1.150	540	1.150	720	1.150	900	1.150	1080	1.150	1260	1.150	1440	1.150
60	1.150	240	1.150	420	1.150	600	1.150	780	1.150	960	1.150	1140	1.150	1320	1.150		
120	1.150	300	1.150	480	1.150	660	1.150	840	1.150	1020	1.150	1200	1.150	1380	1.150		

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 95.59%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	GULLY 1	12	37.274	0.570	15.3	0.5738	0.0000	FLOOD RISK
15 minute winter	S1	12	37.216	1.421	22.8	1.9596	0.0000	FLOOD RISK
15 minute winter	S2	12	36.683	1.204	21.3	1.3619	0.0000	SURCHARGED
15 minute summer	OUTFALL	1	36.589	1.150	20.2	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 winter	GULLY 1	1.000	S1	12.9	1.012	0.221	0.1512	
15 minute winter	S1	1.001	S2	21.3	1.213	1.210	0.5634	
15 minute winter	S2	1.002	OUTFALL	21.4	1.215	1.147	0.0639	8.4