

Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Node Type	Depth (m)	Invert Level (m)
CONTROL M/HOLE	0.008	5.00	12.700	Manhole	0.350	12.350

Simulation Settings

Rainfall Methodology	FEH-22	Winter CV	1.000	Drain Down Time (mins)	1140	Check Discharge Rate(s)	x
Rainfall Events	Singular	Analysis Speed	Normal	Additional Storage (m³/ha)	0.0	Check Discharge Volume	x
Summer CV	1.000	Skip Steady State	x	Starting Level (m)			

Storm Durations

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

Return Period (years)	Climate Change (CC %)	Additional Area (A %)	Additional Flow (Q %)	Return Period (years)	Climate Change (CC %)	Additional Area (A %)	Additional Flow (Q %)
1	0	0	0	30	40	0	0
10	0	0	0	100	45	0	0

Node CONTROL M/HOLE Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.02722	Porosity	0.30	Width (m)	6.000	Depth (m)	0.300
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	12.350	Length (m)	10.000	Inf Depth (m)	
Safety Factor	2.0	Time to half empty (mins)	66	Slope (1:X)	9999.9		

Results for 1 year Critical Storm Duration. Lowest mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	CONTROL M/HOLE	148	12.386	0.036	0.4	0.6830	0.0000	OK

US Node	Link	Outflow (l/s)
CONTROL M/HOLE	Infiltration	0.2

Results for 10 year Critical Storm Duration. Lowest mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	CONTROL M/HOLE	124	12.444	0.094	1.0	1.7971	0.0000	OK
	US Node		Link	Outflow (l/s)				
	CONTROL M/HOLE		Infiltration	0.2				

Results for 30 year +40% CC Critical Storm Duration. Lowest mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	CONTROL M/HOLE	116	12.540	0.190	1.7	3.6232	0.0000	OK

US Node	Link	Outflow (l/s)
CONTROL M/HOLE	Infiltration	0.2

Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	CONTROL M/HOLE	120	12.612	0.262	2.2	5.0015	0.0000	OK

US Node	Link	Outflow (l/s)
CONTROL M/HOLE	Infiltration	0.2