

Design Settings

Frequency of use (kDU)	0.10	Minimum Velocity (m/s)	0.75
Flow per dwelling per day (l/day)	4000	Connection Type	Level Soffits
Domestic Flow (l/s/ha)	0.0	Minimum Backdrop Height (m)	0.200
Industrial Flow (l/s/ha)	0.0	Preferred Cover Depth (m)	1.200
Additional Flow (%)	0	Include Intermediate Ground	✓

Adoptable Manhole Type

Max Width (mm)	Diameter (mm)	Max Width (mm)	Diameter (mm)
374	1200	749	1500
499	1350	900	1800

>900 Link+900 mm

Max Depth (m)	Diameter (mm)	Max Depth (m)	Diameter (mm)
1.500	1050	99.999	1200

Circular Default Sewer Type Link Type

Template	Freeform Carrier	Auto Increment (mm)	75
Shape	Circular	Follow Ground	x
Barrels	1		

Available Diameters (mm)

100 | 150

Nodes

Name	Dwellings	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
5801	0	20.880	1200	504589.343	118866.764	1.360	19.520
1	0	21.375	450	504593.632	118871.237	2.157	19.218
2	0	21.450	450	504599.805	118883.160	2.861	18.589
3	6	20.049	1200	504619.165	118897.865	2.598	17.451
6902	0	17.760	1200	504634.104	118913.445	1.360	16.400

Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)
1.000	5801	1	6.197	1.500	19.520	19.218	0.302	20.5	150
1.001	1	2	13.426	1.500	19.218	18.589	0.629	21.3	150
1.002	2	3	24.311	1.500	18.589	17.451	1.138	21.4	150
1.003	3	6902	21.585	1.500	17.451	16.400	1.051	20.5	150

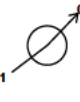
Name	Pro Vel @ 1/3 Q (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Dwellings (ha)	Σ Units (ha)	Σ Add Inflow (ha)	Pro Depth (mm)	Pro Velocity (m/s)
1.000	0.000	1.940	34.3	0.0	1.210	2.007	0.000	0	0.0	0.0	0	0.000
1.001	0.000	1.902	33.6	0.0	2.007	2.711	0.000	0	0.0	0.0	0	0.000
1.002	0.000	1.901	33.6	0.0	2.711	2.448	0.000	0	0.0	0.0	0	0.000
1.003	0.391	1.939	34.3	0.3	2.448	1.210	0.000	6	0.0	0.0	10	0.548

Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.000	6.197	20.5	150	Circular_Default Sewer Type	20.880	19.520	1.210	21.375	19.218	2.007
1.001	13.426	21.3	150	Circular_Default Sewer Type	21.375	19.218	2.007	21.450	18.589	2.711
1.002	24.311	21.4	150	Circular_Default Sewer Type	21.450	18.589	2.711	20.049	17.451	2.448
1.003	21.585	20.5	150	Circular_Default Sewer Type	20.049	17.451	2.448	17.760	16.400	1.210

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.000	5801	1200	Manhole	Adoptable	1	450	Manhole	Adoptable
1.001	1	450	Manhole	Adoptable	2	450	Manhole	Adoptable
1.002	2	450	Manhole	Adoptable	3	1200	Manhole	Adoptable
1.003	3	1200	Manhole	Adoptable	6902	1200	Manhole	Adoptable

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
5801	504589.343	118866.764	20.880	1.360	1200				
						0	1.000	19.520	150
1	504593.632	118871.237	21.375	2.157	450		1	1.000	19.218
						0	1.001	19.218	150
2	504599.805	118883.160	21.450	2.861	450		1	1.001	18.589
						0	1.002	18.589	150
3	504619.165	118897.865	20.049	2.598	1200		1	1.002	17.451
						0	1.003	17.451	150
6902	504634.104	118913.445	17.760	1.360	1200		1	1.003	16.400
									150

Simulation Settings

Analysis Speed	Normal	Drain Down Time (mins)	240
Skip Steady State	✓	Foul Event Duration (mins)	

Storm Durations

15 | 30 | 60 | 120 | 180 | 240 | 360 | 480 | 600 | 720 | 960 | 1440