

Design Settings

Frequency of use (kDU)	1.00	Minimum Velocity (m/s)	1.00
Flow per dwelling per day (l/day)	4000	Connection Type	Level Soffits
Domestic Flow (l/s/ha)	0.1	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	✓

Nodes

Name	Dwellings	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
FIC3.1	2	59.750	450	449038.438	119674.094	0.970
FIC3.0		59.670	600	449037.002	119680.069	0.970
EXFW19		59.290	1200	449030.328	119682.688	2.190
FIC2.2	2	59.250	450	449033.516	119694.877	2.250
FIC2.1	2	58.780	450	449029.308	119713.563	1.750
FIC2.0		59.140	600	449031.777	119702.901	2.250
EXFW18		58.980	1200	449025.479	119701.383	2.190
FIC1.0	2	57.950	600	449021.524	119746.818	1.450
EXFW13		57.300	1200	449009.582	119753.384	1.000

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	FIC3.1	FIC3.0	6.145	1.500	58.780	58.700	0.080	76.8	100
1.001	FIC3.0	EXFW19	7.169	1.500	58.700	57.100	1.600	4.5	100
2.000	FIC2.2	FIC2.0	8.210	1.500	57.000	56.890	0.110	74.6	100
2.001	FIC2.1	FIC2.0	10.944	1.500	57.030	56.890	0.140	78.2	100
2.002	FIC2.0	EXFW18	6.478	1.500	56.890	56.790	0.100	64.8	100
3.000	FIC1.0	EXFW13	13.628	1.500	56.500	56.300	0.200	68.1	100

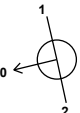
Name	Pro Vel @ 1/3 Q (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Dwellings (ha)	Σ Units (ha)	Σ Add Inflow (ha)	Pro Depth (mm)	Pro Velocity (m/s)
1.000	0.191	0.759	6.0	0.1	0.870	0.870	0.000	2	0.0	0.0	9	0.263
1.001	0.438	3.160	24.8	0.1	0.870	2.090	0.000	2	0.0	0.0	5	0.723
2.000	0.194	0.770	6.0	0.1	2.150	2.150	0.000	2	0.0	0.0	9	0.267
2.001	0.189	0.753	5.9	0.1	1.650	2.150	0.000	2	0.0	0.0	9	0.261
2.002	0.249	0.827	6.5	0.2	2.150	2.090	0.000	4	0.0	0.0	12	0.355
3.000	0.182	0.806	6.3	0.1	1.350	0.900	0.000	2	0.0	0.0	9	0.280

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	6.145	76.8	100	Circular	59.750	58.780	0.870	59.670	58.700	0.870
1.001	7.169	4.5	100	Circular	59.670	58.700	0.870	59.290	57.100	2.090
2.000	8.210	74.6	100	Circular	59.250	57.000	2.150	59.140	56.890	2.150
2.001	10.944	78.2	100	Circular	58.780	57.030	1.650	59.140	56.890	2.150
2.002	6.478	64.8	100	Circular	59.140	56.890	2.150	58.980	56.790	2.090
3.000	13.628	68.1	100	Circular	57.950	56.500	1.350	57.300	56.300	0.900

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.000	FIC3.1	450	Manhole	Adoptable	FIC3.0	600	Manhole	Adoptable
1.001	FIC3.0	600	Manhole	Adoptable	EXFW19	1200	Manhole	Adoptable
2.000	FIC2.2	450	Manhole	Adoptable	FIC2.0	600	Manhole	Adoptable
2.001	FIC2.1	450	Manhole	Adoptable	FIC2.0	600	Manhole	Adoptable
2.002	FIC2.0	600	Manhole	Adoptable	EXFW18	1200	Manhole	Adoptable
3.000	FIC1.0	600	Manhole	Adoptable	EXFW13	1200	Manhole	Adoptable

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FIC3.1	449038.438	119674.094	59.750	0.970	450				
						0	1.000	58.780	100
FIC3.0	449037.002	119680.069	59.670	0.970	600		1	1.000	58.700
						0	1.001	58.700	100
EXFW19	449030.328	119682.688	59.290	2.190	1200		1	1.001	57.100
FIC2.2	449033.516	119694.877	59.250	2.250	450				
						0	2.000	57.000	100
FIC2.1	449029.308	119713.563	58.780	1.750	450		0	2.001	57.030
FIC2.0	449031.777	119702.901	59.140	2.250	600		1	2.001	56.890
							2	2.000	56.890
							0	2.002	56.890
EXFW18	449025.479	119701.383	58.980	2.190	1200		1	2.002	56.790
FIC1.0	449021.524	119746.818	57.950	1.450	600				
						0	3.000	56.500	100

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
EXFW13	449009.582	119753.384	57.300	1.000	1200	1 	3.000	56.300	100

Simulation Settings

Analysis Speed	Normal	Drain Down Time (mins)	240
Skip Steady State	x	Foul Event Duration (mins)	30

Storm Durations

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