

Milestone Transport Planning		Page 0
7 Ancells Court Rye Close, Fleet Hampshire, GU51 2UY	West Sompting Phase 2 FW Network	
Date 01/10/2025 File FW Network.mdx	Designed by LP Checked by LP	
Innovyze	Network 2020.1.3	

FOUL SEWERAGE DESIGN

Network Design Table for 25-095 FW Network

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
1.000	42.259	1.487	28.4	0.000	10	0.0	1.500	o	150	Pipe/Conduit	
1.001	36.984	1.140	32.4	0.000	6	0.0	1.500	o	150	Pipe/Conduit	
2.000	8.887	0.111	80.1	0.000	7	0.0	1.500	o	150	Pipe/Conduit	
2.001	21.144	0.549	38.5	0.000	3	0.0	1.500	o	150	Pipe/Conduit	
2.002	19.043	0.127	149.9	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
1.002	31.358	0.503	62.3	0.000	6	0.0	1.500	o	150	Pipe/Conduit	
1.003	16.266	0.108	150.6	0.000	5	0.0	1.500	o	150	Pipe/Conduit	
3.000	10.707	0.134	79.9	0.000	4	0.0	1.500	o	150	Pipe/Conduit	
3.001	35.713	0.446	80.1	0.000	5	0.0	1.500	o	150	Pipe/Conduit	
1.004	21.588	0.798	27.1	0.000	4	0.0	1.500	o	150	Pipe/Conduit	
4.000	30.270	0.378	80.1	0.000	12	0.0	1.500	o	150	Pipe/Conduit	
4.001	19.348	0.242	80.0	0.000	4	0.0	1.500	o	150	Pipe/Conduit	

Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
1.000	16.300	0.000	0.0	10	0.0	14	0.59	1.65	29.1	0.5
1.001	14.813	0.000	0.0	16	0.0	17	0.65	1.54	27.2	0.7
2.000	14.460	0.000	0.0	7	0.0	15	0.37	0.98	17.3	0.3
2.001	14.349	0.000	0.0	10	0.0	14	0.53	1.41	25.0	0.5
2.002	13.800	0.000	0.0	10	0.0	20	0.33	0.71	12.6	0.5
1.002	13.673	0.000	0.0	32	0.0	28	0.65	1.11	19.6	1.5
1.003	13.170	0.000	0.0	37	0.0	38	0.50	0.71	12.6	1.7
3.000	13.642	0.000	0.0	4	0.0	11	0.31	0.98	17.3	0.2
3.001	13.508	0.000	0.0	9	0.0	16	0.40	0.98	17.3	0.4
1.004	13.062	0.000	0.0	50	0.0	29	0.99	1.69	29.8	2.3
4.000	12.884	0.000	0.0	12	0.0	19	0.44	0.98	17.3	0.6
4.001	12.506	0.000	0.0	16	0.0	21	0.48	0.98	17.3	0.7

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1.005	52.753	0.352	149.9	0.000	3	0.0	1.500	o	150	Pipe/Conduit	
1.006	15.446	0.103	150.0	0.000	6	0.0	1.500	o	150	Pipe/Conduit	
5.000	14.119	0.547	25.8	0.000	10	0.0	1.500	o	150	Pipe/Conduit	
1.007	16.527	0.110	150.2	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
1.008	15.303	0.102	150.0	0.000	6	0.0	1.500	o	150	Pipe/Conduit	

Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
1.005	12.264	0.000	0.0	69	0.0	52	0.59	0.71	12.6	3.2
1.006	11.912	0.000	0.0	75	0.0	54	0.61	0.71	12.6	3.5
5.000	12.356	0.000	0.0	10	0.0	13	0.61	1.73	30.6	0.5
1.007	11.809	0.000	0.0	85	0.0	58	0.63	0.71	12.6	3.9
1.008	11.699	0.000	0.0	91	0.0	60	0.64	0.71	12.6	4.2

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Area Summary for 25-095 FW Network <table><thead><tr><th>Pipe Number</th><th>Gross Area (ha)</th><th>Pipe Total (ha)</th></tr></thead><tbody><tr><td>1.000</td><td>0.000</td><td>0.000</td></tr><tr><td>1.001</td><td>0.000</td><td>0.000</td></tr><tr><td>2.000</td><td>0.000</td><td>0.000</td></tr><tr><td>2.001</td><td>0.000</td><td>0.000</td></tr><tr><td>2.002</td><td>0.000</td><td>0.000</td></tr><tr><td>1.002</td><td>0.000</td><td>0.000</td></tr><tr><td>1.003</td><td>0.000</td><td>0.000</td></tr><tr><td>3.000</td><td>0.000</td><td>0.000</td></tr><tr><td>3.001</td><td>0.000</td><td>0.000</td></tr><tr><td>1.004</td><td>0.000</td><td>0.000</td></tr><tr><td>4.000</td><td>0.000</td><td>0.000</td></tr><tr><td>4.001</td><td>0.000</td><td>0.000</td></tr><tr><td>1.005</td><td>0.000</td><td>0.000</td></tr><tr><td>1.006</td><td>0.000</td><td>0.000</td></tr><tr><td>5.000</td><td>0.000</td><td>0.000</td></tr><tr><td>1.007</td><td>0.000</td><td>0.000</td></tr><tr><td>1.008</td><td>0.000</td><td>0.000</td></tr><tr><td></td><td>Total</td><td>Total</td></tr><tr><td></td><td>0.000</td><td>0.000</td></tr></tbody></table> Free Flowing Outfall Details for 25-095 FW Network <table><thead><tr><th>Outfall Pipe Number</th><th>Outfall Name</th><th>C. Level (m)</th><th>I. Level (m)</th><th>Min I. Level (m)</th><th>D,L (mm)</th><th>W (mm)</th></tr></thead><tbody><tr><td>1.008</td><td>18</td><td>13.200</td><td>11.597</td><td>0.000</td><td>1200</td><td>0</td></tr></tbody></table> Simulation Criteria for 25-095 FW Network <table><tbody><tr><td>Volumetric Runoff Coeff</td><td>1.000</td><td>Additional Flow - % of Total Flow</td><td>0.000</td></tr><tr><td>Areal Reduction Factor</td><td>1.000</td><td>MADD Factor * 10m³/ha Storage</td><td>2.000</td></tr><tr><td>Hot Start (mins)</td><td>0</td><td>Inlet Coefficient</td><td>0.800</td></tr><tr><td>Hot Start Level (mm)</td><td>0</td><td>Flow per Person per Day (l/per/day)</td><td>0.000</td></tr><tr><td>Manhole Headloss Coeff (Global)</td><td>0.500</td><td>Run Time (mins)</td><td>60</td></tr><tr><td>Foul Sewage per hectare (l/s)</td><td>0.000</td><td>Output Interval (mins)</td><td>1</td></tr></tbody></table> Number of Input Hydrographs 0 Number of Offline Controls 0 Number of Time/Area Diagrams 0 Number of Online Controls 0 Number of Storage Structures 0 Number of Real Time Controls 0			Pipe Number	Gross Area (ha)	Pipe Total (ha)	1.000	0.000	0.000	1.001	0.000	0.000	2.000	0.000	0.000	2.001	0.000	0.000	2.002	0.000	0.000	1.002	0.000	0.000	1.003	0.000	0.000	3.000	0.000	0.000	3.001	0.000	0.000	1.004	0.000	0.000	4.000	0.000	0.000	4.001	0.000	0.000	1.005	0.000	0.000	1.006	0.000	0.000	5.000	0.000	0.000	1.007	0.000	0.000	1.008	0.000	0.000		Total	Total		0.000	0.000	Outfall Pipe Number	Outfall Name	C. Level (m)	I. Level (m)	Min I. Level (m)	D,L (mm)	W (mm)	1.008	18	13.200	11.597	0.000	1200	0	Volumetric Runoff Coeff	1.000	Additional Flow - % of Total Flow	0.000	Areal Reduction Factor	1.000	MADD Factor * 10m³/ha Storage	2.000	Hot Start (mins)	0	Inlet Coefficient	0.800	Hot Start Level (mm)	0	Flow per Person per Day (l/per/day)	0.000	Manhole Headloss Coeff (Global)	0.500	Run Time (mins)	60	Foul Sewage per hectare (l/s)	0.000	Output Interval (mins)	1
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