

APPENDIX E

Surface Water Drainage Calculations

Design Settings

Rainfall Methodology	FEH-22	Minimum Velocity (m/s)	1.00
Return Period (years)	100	Connection Type	Level Soffits
Additional Flow (%)	0	Minimum Backdrop Height (m)	0.200
CV	1.000	Preferred Cover Depth (m)	1.350
Time of Entry (mins)	5.00	Include Intermediate Ground	✓
Maximum Time of Concentration (mins)	30.00	Enforce best practice design rules	x
Maximum Rainfall (mm/hr)	50.0		

Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
MH7/1	0.055	5.00	8.000	1200	516496.969	104659.912	1.575	6.425
MH7/2	0.055	5.00	7.750	1200	516476.455	104682.070	1.578	6.172
MH7/3			7.710	1200	516458.800	104701.140	1.885	5.825
MH8/1	0.031	5.00	7.970	1200	516458.468	104732.251	1.595	6.375
MH7/4	0.036	5.00	7.895	1200	516455.501	104709.950	2.195	5.700
MH7/5	0.030	5.00	8.106	1200	516435.442	104702.727	2.781	5.325
MH9/1	0.043	5.00	7.351	1200	516345.225	104762.441	1.798	5.553
MH9/2	0.037	5.00	7.762	1200	516386.795	104748.589	2.471	5.291
MH9/3	0.018	5.00	7.948	1200	516383.382	104728.112	2.888	5.060
MH9/4	0.040	5.00	8.100	1200	516385.326	104712.608	3.132	4.968
MH10/1	0.039	5.00	7.656	1200	516477.278	104610.555	1.500	6.156
MH10/2	0.030	5.00	8.039	1200	516451.416	104624.056	2.173	5.866
MH10/3	0.013	5.00	8.221	1200	516428.120	104653.098	2.724	5.497
MH10/4	0.027	5.00	8.164	1200	516423.103	104665.684	2.877	5.287
MH7/6	0.059	5.00	8.054	1350	516408.748	104681.614	3.391	4.663
MH7/7			7.577	1350	516363.261	104647.064	3.090	4.487
MH11/1	0.044	5.00	6.957	1200	516323.068	104695.475	1.857	5.100
MH7/8	0.073	5.00	7.215	1200	516356.190	104641.412	2.756	4.459
ATTN_TANK 7			6.897	1350	516382.174	104605.792	2.574	4.323

Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
7.000	MH7/1	MH7/2	30.196	0.600	6.425	6.247	0.178	169.6	225	5.50	50.0
7.001	MH7/2	MH7/3	25.987	0.600	6.172	5.825	0.347	74.9	300	5.74	50.0
7.002	MH7/3	MH7/4	9.407	0.600	5.825	5.700	0.125	75.3	300	5.83	50.0
8.000	MH8/1	MH7/4	22.498	0.600	6.375	5.775	0.600	37.5	225	5.17	50.0
7.003	MH7/4	MH7/5	21.320	0.600	5.700	5.325	0.375	56.9	300	6.00	50.0
7.004	MH7/5	MH7/6	34.034	0.600	5.325	4.738	0.587	58.0	300	6.27	50.0
9.000	MH9/1	MH9/2	43.817	0.600	5.553	5.291	0.262	167.2	225	5.72	50.0

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
7.000	1.001	39.8	9.9	1.350	1.278	0.055	0.0	76	0.832
7.001	1.818	128.5	19.9	1.278	1.585	0.110	0.0	79	1.332
7.002	1.814	128.2	19.9	1.585	1.895	0.110	0.0	79	1.328
8.000	2.143	85.2	5.7	1.370	1.895	0.031	0.0	39	1.227
7.003	2.089	147.7	32.0	1.895	2.481	0.177	0.0	95	1.681
7.004	2.068	146.2	37.4	2.481	3.016	0.207	0.0	103	1.737
9.000	1.008	40.1	7.8	1.573	2.246	0.043	0.0	67	0.785

Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
9.001	MH9/2	MH9/3	20.759	0.600	5.291	5.135	0.156	133.1	300	5.98	50.0
9.002	MH9/3	MH9/4	15.625	0.600	5.060	4.968	0.092	169.8	300	6.20	50.0
9.003	MH9/4	MH7/6	38.849	0.600	4.968	4.738	0.230	168.9	300	6.73	50.0
10.000	MH10/1	MH10/2	29.174	0.600	6.156	5.866	0.290	100.6	225	5.37	50.0
10.001	MH10/2	MH10/3	37.231	0.600	5.866	5.497	0.369	100.9	225	5.85	50.0
10.002	MH10/3	MH10/4	13.549	0.600	5.497	5.287	0.210	64.5	225	5.99	50.0
10.003	MH10/4	MH7/6	21.444	0.600	5.287	4.813	0.474	45.2	225	6.17	50.0
7.005	MH7/6	MH7/7	57.121	0.600	4.663	4.487	0.176	324.6	450	7.58	50.0
7.006	MH7/7	MH7/8	9.052	0.600	4.487	4.459	0.028	323.3	450	7.71	50.0
11.000	MH11/1	MH7/8	63.402	0.600	5.100	4.609	0.491	129.1	225	5.92	50.0
7.007	MH7/8	ATTN_TANK 7	44.090	0.600	4.459	4.323	0.136	324.2	450	8.37	50.0

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
9.001	1.361	96.2	14.5	2.171	2.513	0.080	0.0	78	0.988
9.002	1.203	85.1	17.7	2.588	2.832	0.098	0.0	92	0.955
9.003	1.207	85.3	24.9	2.832	3.016	0.138	0.0	111	1.052
10.000	1.303	51.8	7.0	1.275	1.948	0.039	0.0	56	0.917
10.001	1.301	51.7	12.5	1.948	2.499	0.069	0.0	75	1.076
10.002	1.630	64.8	14.8	2.499	2.652	0.082	0.0	73	1.324
10.003	1.950	77.5	19.7	2.652	3.016	0.109	0.0	77	1.633
7.005	1.123	178.6	92.7	2.941	2.640	0.513	0.0	230	1.132
7.006	1.125	178.9	92.7	2.640	2.306	0.513	0.0	230	1.135
11.000	1.149	45.7	8.0	1.632	2.381	0.044	0.0	64	0.870
7.007	1.123	178.7	113.8	2.306	2.124	0.630	0.0	261	1.188

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)
7.000	30.196	169.6	225	Circular	8.000	6.425	1.350	7.750	6.247	1.278
7.001	25.987	74.9	300	Circular	7.750	6.172	1.278	7.710	5.825	1.585
7.002	9.407	75.3	300	Circular	7.710	5.825	1.585	7.895	5.700	1.895
8.000	22.498	37.5	225	Circular	7.970	6.375	1.370	7.895	5.775	1.895
7.003	21.320	56.9	300	Circular	7.895	5.700	1.895	8.106	5.325	2.481
7.004	34.034	58.0	300	Circular	8.106	5.325	2.481	8.054	4.738	3.016
9.000	43.817	167.2	225	Circular	7.351	5.553	1.573	7.762	5.291	2.246
9.001	20.759	133.1	300	Circular	7.762	5.291	2.171	7.948	5.135	2.513
9.002	15.625	169.8	300	Circular	7.948	5.060	2.588	8.100	4.968	2.832

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
7.000	MH7/1	1200	Manhole	Adoptable	MH7/2	1200	Manhole	Adoptable
7.001	MH7/2	1200	Manhole	Adoptable	MH7/3	1200	Manhole	Adoptable
7.002	MH7/3	1200	Manhole	Adoptable	MH7/4	1200	Manhole	Adoptable
8.000	MH8/1	1200	Manhole	Adoptable	MH7/4	1200	Manhole	Adoptable
7.003	MH7/4	1200	Manhole	Adoptable	MH7/5	1200	Manhole	Adoptable
7.004	MH7/5	1200	Manhole	Adoptable	MH7/6	1350	Manhole	Adoptable
9.000	MH9/1	1200	Manhole	Adoptable	MH9/2	1200	Manhole	Adoptable
9.001	MH9/2	1200	Manhole	Adoptable	MH9/3	1200	Manhole	Adoptable
9.002	MH9/3	1200	Manhole	Adoptable	MH9/4	1200	Manhole	Adoptable

Pipeline Schedule

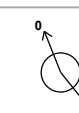
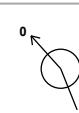
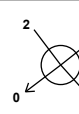
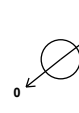
Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
9.003	38.849	168.9	300	Circular	8.100	4.968	2.832	8.054	4.738	3.016
10.000	29.174	100.6	225	Circular	7.656	6.156	1.275	8.039	5.866	1.948
10.001	37.231	100.9	225	Circular	8.039	5.866	1.948	8.221	5.497	2.499
10.002	13.549	64.5	225	Circular	8.221	5.497	2.499	8.164	5.287	2.652
10.003	21.444	45.2	225	Circular	8.164	5.287	2.652	8.054	4.813	3.016
7.005	57.121	324.6	450	Circular	8.054	4.663	2.941	7.577	4.487	2.640
7.006	9.052	323.3	450	Circular	7.577	4.487	2.640	7.215	4.459	2.306
11.000	63.402	129.1	225	Circular	6.957	5.100	1.632	7.215	4.609	2.381
7.007	44.090	324.2	450	Circular	7.215	4.459	2.306	6.897	4.323	2.124

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
9.003	MH9/4	1200	Manhole	Adoptable	MH7/6	1350	Manhole	Adoptable
10.000	MH10/1	1200	Manhole	Adoptable	MH10/2	1200	Manhole	Adoptable
10.001	MH10/2	1200	Manhole	Adoptable	MH10/3	1200	Manhole	Adoptable
10.002	MH10/3	1200	Manhole	Adoptable	MH10/4	1200	Manhole	Adoptable
10.003	MH10/4	1200	Manhole	Adoptable	MH7/6	1350	Manhole	Adoptable
7.005	MH7/6	1350	Manhole	Adoptable	MH7/7	1350	Manhole	Adoptable
7.006	MH7/7	1350	Manhole	Adoptable	MH7/8	1200	Manhole	Adoptable
11.000	MH11/1	1200	Manhole	Adoptable	MH7/8	1200	Manhole	Adoptable
7.007	MH7/8	1200	Manhole	Adoptable	ATTN_TANK 7	1350	Manhole	Adoptable

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
MH7/1	516496.969	104659.912	8.000	1.575	1200				
						0	7.000	6.425	225
MH7/2	516476.455	104682.070	7.750	1.578	1200		1	7.000	6.247
						0	7.001	6.172	300
MH7/3	516458.800	104701.140	7.710	1.885	1200		1	7.001	5.825
						0	7.002	5.825	300
MH8/1	516458.468	104732.251	7.970	1.595	1200		0	8.000	6.375
MH7/4	516455.501	104709.950	7.895	2.195	1200		1	8.000	5.775
						2	7.002	5.700	300
						0	7.003	5.700	300
MH7/5	516435.442	104702.727	8.106	2.781	1200		1	7.003	5.325
						0	7.004	5.325	300

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
MH9/1	516345.225	104762.441	7.351	1.798	1200		0	9.000	5.553	225
MH9/2	516386.795	104748.589	7.762	2.471	1200		1	9.000	5.291	225
MH9/3	516383.382	104728.112	7.948	2.888	1200		0	9.001	5.291	300
MH9/4	516385.326	104712.608	8.100	3.132	1200		1	9.002	5.135	300
MH10/1	516477.278	104610.555	7.656	1.500	1200		0	9.002	5.060	300
MH10/2	516451.416	104624.056	8.039	2.173	1200		1	9.003	4.968	300
MH10/3	516428.120	104653.098	8.221	2.724	1200		0	10.000	4.968	300
MH10/4	516423.103	104665.684	8.164	2.877	1200		1	10.000	6.156	225
MH7/6	516408.748	104681.614	8.054	3.391	1350		0	10.000	5.866	225
MH7/7	516363.261	104647.064	7.577	3.090	1350		1	10.001	5.866	225
MH11/1	516323.068	104695.475	6.957	1.857	1200		0	10.001	5.497	225
MH7/8	516356.190	104641.412	7.215	2.756	1200		1	10.002	5.497	225
ATTN_TANK 7	516382.174	104605.792	6.897	2.574	1350		1	10.002	5.287	225

Simulation Settings

Rainfall Methodology	FEH-22	Skip Steady State	x	Check Discharge Rate(s)	x
Rainfall Events	Singular	Drain Down Time (mins)	1440	Check Discharge Volume	x
Summer CV	1.000	Additional Storage (m³/ha)	0.0		
Analysis Speed	Normal	Starting Level (m)			

Storm Durations

15 | 30 | 60 | 120 | 180 | 240 | 360 | 480 | 600 | 720 | 960 | 1440 | 2160

Return Period (years)	Climate Change (CC %)	Additional Area (A %)	Additional Flow (Q %)
1	0	0	0
2	0	0	0
30	0	0	0
30	40	0	0
100	40	0	0

Node 2.34 Soakaway Storage Structure

Base Inf Coefficient (m/hr)	2.34000	Invert Level (m)	4.323	Depth (m)	1.500
Side Inf Coefficient (m/hr)	0.00000	Time to half empty (mins)		Inf Depth (m)	1.500
Safety Factor	2.0	Pit Width (m)	9.000	Number Required	1
Porosity	0.95	Pit Length (m)	17.000		

Results for 1 year Critical Storm Duration. Lowest mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	MH7/1	11	6.487	0.062	6.6	0.0701	0.0000	OK
15 minute summer	MH7/2	10	6.237	0.065	12.9	0.0733	0.0000	OK
15 minute summer	MH7/3	11	5.893	0.068	12.8	0.0768	0.0000	OK
15 minute summer	MH8/1	10	6.407	0.032	3.8	0.0367	0.0000	OK
15 minute summer	MH7/4	11	5.778	0.078	20.7	0.0880	0.0000	OK
15 minute summer	MH7/5	11	5.407	0.082	24.2	0.0928	0.0000	OK
15 minute summer	MH9/1	11	5.606	0.053	5.1	0.0601	0.0000	OK
15 minute summer	MH9/2	11	5.355	0.064	9.3	0.0727	0.0000	OK
15 minute summer	MH9/3	11	5.137	0.077	11.3	0.0871	0.0000	OK
15 minute summer	MH9/4	11	5.056	0.088	16.0	0.0994	0.0000	OK
15 minute summer	MH10/1	10	6.201	0.045	4.7	0.0511	0.0000	OK
15 minute summer	MH10/2	11	5.927	0.061	8.2	0.0688	0.0000	OK
15 minute summer	MH10/3	11	5.558	0.061	9.6	0.0685	0.0000	OK
15 minute summer	MH10/4	11	5.351	0.064	12.8	0.0719	0.0000	OK
15 minute summer	MH7/6	11	4.844	0.181	59.8	0.2586	0.0000	OK
15 minute summer	MH7/7	12	4.697	0.210	59.1	0.3002	0.0000	OK
15 minute summer	MH11/1	11	5.150	0.050	5.3	0.0567	0.0000	OK
15 minute summer	MH7/8	12	4.662	0.203	70.6	0.2296	0.0000	OK
15 minute summer	ATTN_TANK 7	12	4.506	0.183	70.3	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	MH7/1	7.000	MH7/2	6.4	0.736	0.162	0.2644	
15 minute summer	MH7/2	7.001	MH7/3	12.8	1.116	0.100	0.2997	
15 minute summer	MH7/3	7.002	MH7/4	12.9	0.981	0.101	0.1242	
15 minute summer	MH8/1	8.000	MH7/4	3.7	1.070	0.044	0.0781	
15 minute summer	MH7/4	7.003	MH7/5	20.8	1.386	0.141	0.3205	
15 minute summer	MH7/5	7.004	MH7/6	24.3	1.367	0.166	0.6425	
15 minute summer	MH9/1	9.000	MH9/2	5.0	0.613	0.124	0.3611	
15 minute summer	MH9/2	9.001	MH9/3	9.2	0.856	0.096	0.2240	
15 minute summer	MH9/3	9.002	MH9/4	11.3	0.722	0.133	0.2456	
15 minute summer	MH9/4	9.003	MH7/6	16.0	0.822	0.188	0.7642	
15 minute summer	MH10/1	10.000	MH10/2	4.6	0.652	0.089	0.2079	
15 minute summer	MH10/2	10.001	MH10/3	8.1	0.942	0.157	0.3210	
15 minute summer	MH10/3	10.002	MH10/4	9.7	1.088	0.149	0.1205	
15 minute summer	MH10/4	10.003	MH7/6	12.8	1.421	0.165	0.1925	
15 minute summer	MH7/6	7.005	MH7/7	59.1	0.922	0.331	3.7185	
15 minute summer	MH7/7	7.006	MH7/8	59.1	0.836	0.330	0.6418	
15 minute summer	MH11/1	11.000	MH7/8	4.9	0.756	0.108	0.4209	
15 minute summer	MH7/8	7.007	ATTN_TANK 7	70.3	1.086	0.394	2.8631	32.4

Results for 2 year Critical Storm Duration. Lowest mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	MH7/1	10	6.504	0.079	10.4	0.0893	0.0000	OK
15 minute summer	MH7/2	10	6.254	0.082	20.4	0.0929	0.0000	OK
15 minute summer	MH7/3	11	5.913	0.088	20.2	0.0991	0.0000	OK
15 minute summer	MH8/1	10	6.415	0.040	5.9	0.0458	0.0000	OK
15 minute summer	MH7/4	11	5.799	0.099	32.5	0.1123	0.0000	OK
15 minute summer	MH7/5	11	5.429	0.104	38.1	0.1174	0.0000	OK
15 minute summer	MH9/1	10	5.620	0.067	8.1	0.0760	0.0000	OK
15 minute summer	MH9/2	11	5.373	0.082	14.9	0.0927	0.0000	OK
15 minute summer	MH9/3	11	5.160	0.100	18.0	0.1126	0.0000	OK
15 minute summer	MH9/4	11	5.078	0.110	25.2	0.1249	0.0000	OK
15 minute summer	MH10/1	10	6.213	0.057	7.4	0.0641	0.0000	OK
15 minute summer	MH10/2	10	5.943	0.077	13.0	0.0872	0.0000	OK
15 minute summer	MH10/3	11	5.575	0.078	15.1	0.0878	0.0000	OK
15 minute summer	MH10/4	11	5.367	0.080	20.1	0.0906	0.0000	OK
15 minute summer	MH7/6	11	4.900	0.237	94.4	0.3395	0.0000	OK
15 minute summer	MH7/7	12	4.765	0.278	92.6	0.3980	0.0000	OK
15 minute summer	MH11/1	11	5.163	0.063	8.3	0.0717	0.0000	OK
15 minute summer	MH7/8	12	4.725	0.266	110.6	0.3011	0.0000	OK
15 minute summer	ATTN_TANK 7	12	4.555	0.232	110.9	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	MH7/1	7.000	MH7/2	10.1	0.834	0.255	0.3676	
15 minute summer	MH7/2	7.001	MH7/3	20.2	1.244	0.157	0.4232	
15 minute summer	MH7/3	7.002	MH7/4	20.4	1.090	0.159	0.1761	
15 minute summer	MH8/1	8.000	MH7/4	5.8	1.217	0.068	0.1072	
15 minute summer	MH7/4	7.003	MH7/5	32.7	1.559	0.221	0.4470	
15 minute summer	MH7/5	7.004	MH7/6	38.3	1.403	0.262	1.0292	
15 minute summer	MH9/1	9.000	MH9/2	7.9	0.695	0.197	0.5027	
15 minute summer	MH9/2	9.001	MH9/3	14.7	0.974	0.153	0.3141	
15 minute summer	MH9/3	9.002	MH9/4	18.0	0.821	0.212	0.3432	
15 minute summer	MH9/4	9.003	MH7/6	25.2	0.835	0.295	1.2119	
15 minute summer	MH10/1	10.000	MH10/2	7.3	0.737	0.140	0.2894	
15 minute summer	MH10/2	10.001	MH10/3	12.8	1.060	0.247	0.4496	
15 minute summer	MH10/3	10.002	MH10/4	15.2	1.228	0.235	0.1680	
15 minute summer	MH10/4	10.003	MH7/6	20.3	1.567	0.262	0.2881	
15 minute summer	MH7/6	7.005	MH7/7	92.6	1.009	0.519	5.3036	
15 minute summer	MH7/7	7.006	MH7/8	92.5	0.923	0.517	0.9075	
15 minute summer	MH11/1	11.000	MH7/8	8.0	0.786	0.176	0.9238	
15 minute summer	MH7/8	7.007	ATTN_TANK 7	110.9	1.231	0.621	3.9699	51.3

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	MH7/1	10	6.565	0.140	27.0	0.1585	0.0000	OK
15 minute summer	MH7/2	10	6.313	0.141	53.5	0.1593	0.0000	OK
15 minute summer	MH7/3	11	5.986	0.161	53.2	0.1816	0.0000	OK
15 minute summer	MH8/1	10	6.439	0.064	15.5	0.0729	0.0000	OK
15 minute summer	MH7/4	11	5.878	0.178	85.5	0.2011	0.0000	OK
15 minute summer	MH7/5	12	5.717	0.392	103.6	0.4431	0.0000	SURCHARGED
15 minute summer	MH9/1	10	5.668	0.115	21.2	0.1299	0.0000	OK
15 minute summer	MH9/2	12	5.610	0.319	39.2	0.3608	0.0000	SURCHARGED
15 minute summer	MH9/3	12	5.592	0.532	47.0	0.6021	0.0000	SURCHARGED
15 minute summer	MH9/4	12	5.564	0.596	58.2	0.6740	0.0000	SURCHARGED
15 minute summer	MH10/1	10	6.250	0.094	19.2	0.1065	0.0000	OK
15 minute summer	MH10/2	10	6.002	0.136	33.8	0.1537	0.0000	OK
15 minute summer	MH10/3	12	5.701	0.204	39.7	0.2304	0.0000	OK
15 minute summer	MH10/4	12	5.629	0.342	51.8	0.3868	0.0000	SURCHARGED
15 minute summer	MH7/6	12	5.435	0.772	214.9	1.1040	0.0000	SURCHARGED
15 minute summer	MH7/7	12	5.130	0.643	214.0	0.9197	0.0000	SURCHARGED
15 minute summer	MH11/1	10	5.207	0.107	21.7	0.1209	0.0000	OK
15 minute summer	MH7/8	12	5.042	0.583	261.1	0.6594	0.0000	SURCHARGED
15 minute summer	ATTN_TANK 7	12	4.684	0.361	263.7	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	MH7/1	7.000	MH7/2	26.5	1.058	0.666	0.7596	
15 minute summer	MH7/2	7.001	MH7/3	53.2	1.503	0.413	0.9189	
15 minute summer	MH7/3	7.002	MH7/4	53.2	1.319	0.415	0.3853	
15 minute summer	MH8/1	8.000	MH7/4	15.4	1.404	0.181	0.3031	
15 minute summer	MH7/4	7.003	MH7/5	89.5	1.863	0.606	1.2147	
15 minute summer	MH7/5	7.004	MH7/6	92.6	1.440	0.633	2.3967	
15 minute summer	MH9/1	9.000	MH9/2	20.9	0.903	0.522	1.3086	
15 minute summer	MH9/2	9.001	MH9/3	38.1	1.195	0.396	1.4618	
15 minute summer	MH9/3	9.002	MH9/4	51.7	0.981	0.608	1.1003	
15 minute summer	MH9/4	9.003	MH7/6	63.4	0.901	0.744	2.7357	
15 minute summer	MH10/1	10.000	MH10/2	19.1	0.934	0.368	0.5952	
15 minute summer	MH10/2	10.001	MH10/3	33.5	1.306	0.648	1.1087	
15 minute summer	MH10/3	10.002	MH10/4	38.5	1.456	0.594	0.5257	
15 minute summer	MH10/4	10.003	MH7/6	47.5	1.527	0.613	0.8529	
15 minute summer	MH7/6	7.005	MH7/7	214.0	1.351	1.198	9.0504	
15 minute summer	MH7/7	7.006	MH7/8	214.3	1.353	1.198	1.4342	
15 minute summer	MH11/1	11.000	MH7/8	21.2	0.821	0.464	1.8494	
15 minute summer	MH7/8	7.007	ATTN_TANK 7	263.7	1.695	1.476	6.4942	134.1

Results for 30 year +40% CC Critical Storm Duration. Lowest mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	MH7/1	12	6.819	0.394	37.9	0.4451	0.0000	SURCHARGED
15 minute summer	MH7/2	12	6.692	0.520	74.8	0.5885	0.0000	SURCHARGED
15 minute summer	MH7/3	12	6.598	0.773	74.9	0.8745	0.0000	SURCHARGED
15 minute summer	MH8/1	12	6.585	0.210	21.6	0.2373	0.0000	OK
15 minute summer	MH7/4	12	6.554	0.854	108.9	0.9655	0.0000	SURCHARGED
15 minute summer	MH7/5	12	6.354	1.029	121.5	1.1635	0.0000	SURCHARGED
15 minute summer	MH9/1	12	6.408	0.855	29.6	0.9667	0.0000	SURCHARGED
15 minute summer	MH9/2	12	6.296	1.005	50.8	1.1371	0.0000	SURCHARGED
15 minute summer	MH9/3	12	6.250	1.190	65.1	1.3455	0.0000	SURCHARGED
15 minute summer	MH9/4	12	6.191	1.223	80.0	1.3834	0.0000	SURCHARGED
15 minute summer	MH10/1	12	6.644	0.488	26.8	0.5517	0.0000	SURCHARGED
15 minute summer	MH10/2	12	6.592	0.726	47.3	0.8212	0.0000	SURCHARGED
15 minute summer	MH10/3	12	6.389	0.892	49.7	1.0085	0.0000	SURCHARGED
15 minute summer	MH10/4	12	6.268	0.981	63.9	1.1096	0.0000	SURCHARGED
15 minute summer	MH7/6	12	5.955	1.292	274.7	1.8490	0.0000	SURCHARGED
15 minute summer	MH7/7	12	5.454	0.967	274.9	1.3836	0.0000	SURCHARGED
15 minute summer	MH11/1	11	5.475	0.375	30.3	0.4243	0.0000	SURCHARGED
15 minute summer	MH7/8	12	5.309	0.850	341.6	0.9617	0.0000	SURCHARGED
15 minute summer	ATTN_TANK 7	12	4.724	0.401	342.5	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	MH7/1	7.000	MH7/2	36.9	1.134	0.927	1.2009	
15 minute summer	MH7/2	7.001	MH7/3	74.9	1.553	0.582	1.8300	
15 minute summer	MH7/3	7.002	MH7/4	73.1	1.294	0.570	0.6624	
15 minute summer	MH8/1	8.000	MH7/4	21.5	1.381	0.253	0.8805	
15 minute summer	MH7/4	7.003	MH7/5	101.9	1.827	0.690	1.5013	
15 minute summer	MH7/5	7.004	MH7/6	111.2	1.579	0.760	2.3967	
15 minute summer	MH9/1	9.000	MH9/2	26.6	0.958	0.664	1.7426	
15 minute summer	MH9/2	9.001	MH9/3	51.4	1.162	0.534	1.4618	
15 minute summer	MH9/3	9.002	MH9/4	56.6	0.966	0.665	1.1003	
15 minute summer	MH9/4	9.003	MH7/6	79.2	1.125	0.928	2.7357	
15 minute summer	MH10/1	10.000	MH10/2	26.6	0.991	0.514	1.1603	
15 minute summer	MH10/2	10.001	MH10/3	41.2	1.346	0.796	1.4807	
15 minute summer	MH10/3	10.002	MH10/4	46.3	1.403	0.714	0.5389	
15 minute summer	MH10/4	10.003	MH7/6	58.2	1.532	0.751	0.8529	
15 minute summer	MH7/6	7.005	MH7/7	274.9	1.736	1.540	9.0504	
15 minute summer	MH7/7	7.006	MH7/8	275.5	1.739	1.540	1.4342	
15 minute summer	MH11/1	11.000	MH7/8	26.8	0.807	0.588	2.5216	
15 minute summer	MH7/8	7.007	ATTN_TANK 7	342.5	2.164	1.917	6.7807	188.3

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	MH7/1	12	7.890	1.465	47.7	1.6570	0.0000	FLOOD RISK
15 minute summer	MH7/2	12	7.712	1.540	85.7	1.7419	0.0000	FLOOD RISK
15 minute summer	MH7/3	12	7.569	1.744	86.4	1.9728	0.0000	FLOOD RISK
15 minute summer	MH8/1	12	7.545	1.170	27.2	1.3231	0.0000	SURCHARGED
15 minute summer	MH7/4	12	7.502	1.802	115.7	2.0385	0.0000	SURCHARGED
15 minute summer	MH7/5	12	7.199	1.874	134.6	2.1195	0.0000	SURCHARGED
15 minute summer	MH9/1	12	7.243	1.690	37.3	1.9114	0.0000	FLOOD RISK
15 minute summer	MH9/2	12	7.081	1.790	60.0	2.0244	0.0000	SURCHARGED
15 minute summer	MH9/3	12	7.013	1.953	68.6	2.2087	0.0000	SURCHARGED
15 minute summer	MH9/4	12	6.930	1.962	95.6	2.2189	0.0000	SURCHARGED
15 minute summer	MH10/1	12	7.576	1.420	33.8	1.6061	0.0000	FLOOD RISK
15 minute summer	MH10/2	12	7.499	1.633	55.8	1.8464	0.0000	SURCHARGED
15 minute summer	MH10/3	12	7.205	1.708	51.7	1.9314	0.0000	SURCHARGED
15 minute summer	MH10/4	12	7.034	1.747	68.1	1.9763	0.0000	SURCHARGED
15 minute summer	MH7/6	12	6.592	1.929	334.5	2.7606	0.0000	SURCHARGED
15 minute summer	MH7/7	12	5.852	1.365	333.8	1.9537	0.0000	SURCHARGED
15 minute summer	MH11/1	11	5.904	0.804	38.1	0.9091	0.0000	SURCHARGED
15 minute summer	MH7/8	12	5.641	1.182	416.9	1.3364	0.0000	SURCHARGED
15 minute summer	ATTN_TANK 7	12	4.745	0.422	417.1	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	MH7/1	7.000	MH7/2	40.6	1.144	1.021	1.2009	
15 minute summer	MH7/2	7.001	MH7/3	86.4	1.544	0.672	1.8300	
15 minute summer	MH7/3	7.002	MH7/4	72.2	1.239	0.563	0.6624	
15 minute summer	MH8/1	8.000	MH7/4	25.4	1.387	0.298	0.8948	
15 minute summer	MH7/4	7.003	MH7/5	115.7	1.918	0.783	1.5013	
15 minute summer	MH7/5	7.004	MH7/6	135.4	1.923	0.926	2.3967	
15 minute summer	MH9/1	9.000	MH9/2	29.7	0.942	0.740	1.7426	
15 minute summer	MH9/2	9.001	MH9/3	54.9	1.236	0.571	1.4618	
15 minute summer	MH9/3	9.002	MH9/4	67.0	0.974	0.787	1.1003	
15 minute summer	MH9/4	9.003	MH7/6	94.2	1.338	1.105	2.7357	
15 minute summer	MH10/1	10.000	MH10/2	31.2	0.996	0.603	1.1603	
15 minute summer	MH10/2	10.001	MH10/3	42.6	1.323	0.824	1.4807	
15 minute summer	MH10/3	10.002	MH10/4	53.1	1.442	0.819	0.5389	
15 minute summer	MH10/4	10.003	MH7/6	70.4	1.771	0.909	0.8529	
15 minute summer	MH7/6	7.005	MH7/7	333.8	2.107	1.870	9.0504	
15 minute summer	MH7/7	7.006	MH7/8	335.4	2.117	1.875	1.4342	
15 minute summer	MH11/1	11.000	MH7/8	34.2	0.860	0.749	2.5216	
15 minute summer	MH7/8	7.007	ATTN_TANK 7	417.1	2.633	2.335	6.8965	237.9

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (14)

Type : Catchment Area

Area (ha)	0.018
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (13)

Type : Catchment Area

Area (ha)	0.04
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (12)

Type : Catchment Area

Area (ha)	0.106
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (15)

Type : Catchment Area

Area (ha)	0.024
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (11)

Type : Catchment Area

Area (ha)	0.008
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (16)

Type : Catchment Area

Area (ha)	0.034
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (17)

Type : Catchment Area

Area (ha)	0.037
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (18)

Type : Catchment Area

Area (ha)	0.042
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (20)

Type : Catchment Area

Area (ha)	0.046
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (19)

Type : Catchment Area

Area (ha)	0.032
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



MH2/1 - TOC

Type : Catchment Area

Area (ha)	0.055
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



MH2/2 (1) - TOC

Type : Catchment Area

Area (ha)	0.06
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Inflows Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





MH3/1 - TOC

Type : Catchment Area

Area (ha)	0.04
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area

Type : Catchment Area

Area (ha)	0.06
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



MH2/3 (2) - TOC

Type : Catchment Area

Area (ha)	0.046
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



MH1/13 (2) - TOC

Type : Catchment Area

Area (ha)	0.051
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (7)

Type : Catchment Area

Area (ha)	0.013
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (10)

Type : Catchment Area

Area (ha)	0.016
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (6)

Type : Catchment Area

Area (ha)	0.013
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (5)

Type : Catchment Area

Area (ha)	0.045
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Inflows Storm Phase: 26_008 Network_2			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	



Catchment Area (4)

Type : Catchment Area

Area (ha)	0.045
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (2)

Type : Catchment Area

Area (ha)	0.01
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Inflows Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





Catchment Area (1)

Type : Catchment Area

Area (ha)	0.073
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (9)

Type : Catchment Area

Area (ha)	0.022
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (3)

Type : Catchment Area

Area (ha)	0.033
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (8)

Type : Catchment Area

Area (ha)	0.018
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Inflows Storm Phase: 26_008 Network_2			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	



Catchment Area (21)

Type : Catchment Area

Area (ha)	0.008
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (22)

Type : Catchment Area

Area (ha)	0.037
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (23)

Type : Catchment Area

Area (ha)	0.022
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations				Date: 19/06/2026									
				Designed by: GG		Checked by: BM						Approved By: PK	
Report Details: Type: Junctions Storm Phase: 26_008 Network_2				Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY									

Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)	Length (m)	Width (m)	Lock	Access Required
MH1/1	Manhole	516618.086	104669.196	8.765	1.675	7.090	Rectangular		1.200	0.000	All	☒
MH1/7	Manhole	516751.500	104673.691	6.829	1.844	4.985	Circular	1.500			None	☐
MH1/8	Manhole	516743.763	104658.180	6.700	1.777	4.923	Circular	1.500			None	☐
MH1/5	Manhole	516716.135	104704.290	7.465	1.838	5.627	Circular	1.200			None	☐
MH1/6	Manhole	516747.578	104684.014	7.015	1.815	5.200	Circular	1.200			None	☐
MH1/3	Manhole	516681.379	104667.119	8.017	1.750	6.267	Circular	1.200			None	☐
MH1/4	Manhole	516707.040	104701.674	7.540	1.805	5.735	Circular	1.200			None	☐
MH1/2	Manhole	516667.769	104663.197	8.178	1.675	6.503	Circular	1.200			None	☐
MH1/9	Manhole	516725.541	104645.439	6.742	1.912	4.830	Circular	1.500			None	☐
MH1/10	Manhole	516704.157	104623.587	6.686	2.049	4.637	Circular	1.500			None	☐
MH1/11	Manhole	516695.931	104603.895	6.700	2.118	4.582	Circular	1.500			None	☐
MH1/12	Manhole	516687.374	104597.669	6.779	2.304	4.475	Circular	1.800			None	☐
MH2/1	Manhole	516525.515	104683.688	8.360	1.843	6.517	Circular	1.200			All	☒
MH2/2	Manhole	516578.932	104673.923	9.088	2.976	6.112	Circular	1.200			All	☒
MH3/1	Manhole	516508.422	104645.302	8.669	1.675	6.994	Circular	1.200			All	☒
MH3/2	Manhole	516522.666	104627.313	8.640	1.857	6.783	Circular	1.200			None	☐
MH2/3	Manhole	516567.731	104614.167	8.204	2.601	5.603	Circular	1.200			All	☒
MH1/13	Manhole	516601.109	104608.652	7.865	3.690	4.175	Circular	1.800			None	☐
MH6/1	Manhole	516670.600	104539.059	6.160	1.462	4.698	Circular	1.200			None	☐
MH6/2	Manhole	516647.487	104545.832	6.520	1.966	4.554	Circular	1.200			None	☐
MH1/15	Manhole	516619.841	104549.010	6.791	2.789	4.002	Circular	1.800			None	☐
MH4/1	Manhole	516570.787	104555.153	7.415	1.575	5.840	Circular	1.200			None	☐
MH1/14	Manhole	516594.044	104552.241	7.050	2.993	4.057	Circular	1.800			None	☐
MH5/3	Manhole	516543.248	104556.929	7.626	1.650	5.976	Circular	1.200			None	☐
MH5/4	Manhole	516529.933	104501.390	7.322	1.697	5.625	Circular	1.200			None	☐
MH5/1	Manhole	516497.408	104572.140	7.950	1.575	6.375	Circular	1.200			None	☐
MH1/16	Manhole	516616.612	104523.227	6.960	3.003	3.957	Circular	1.800			None	☐
MH5/2	Manhole	516533.221	104563.182	7.880	1.723	6.157	Circular	1.200			None	☐
MH1/17	Manhole	516604.577	104490.167	6.661	2.765	3.896	Circular	1.800			None	☐

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Junctions Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Name	Intersection Easting (m)	Intersection Northing (m)
MH1/1		
MH1/7		
MH1/8		
MH1/5		
MH1/6		
MH1/3		
MH1/4		
MH1/2		
MH1/9		
MH1/10		
MH1/11		
MH1/12		
MH2/1	516525.515	104683.688
MH2/2	516578.932	104673.923
MH3/1	516508.422	104645.302
MH3/2		
MH2/3	516567.731	104614.167
MH1/13		
MH6/1		
MH6/2		
MH1/15		
MH4/1		
MH1/14		
MH5/3		
MH5/4		
MH5/1		
MH1/16		
MH5/2		
MH1/17		

Inlets

Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
MH1/1	Inlet (1)	Catchment Area (1)	(None)	No Restriction
MH1/7	Inlet	1.007	(None)	No Restriction
	Inlet (1)	Catchment Area (7)	(None)	No Restriction
MH1/8	Inlet	1.008	(None)	No Restriction
	Inlet (1)	Catchment Area (8)	(None)	No Restriction
MH1/5	Inlet	1.005	(None)	No Restriction
	Inlet (1)	Catchment Area (5)	(None)	No Restriction
	Inlet	1.006	(None)	No Restriction

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Junctions Storm Phase: 26_008 Network_2		
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY



Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
MH1/6	Inlet (1)	Catchment Area (6)	(None)	No Restriction
MH1/3	Inlet	1.003	(None)	No Restriction
	Inlet (1)	Catchment Area (3)	(None)	No Restriction
MH1/4	Inlet	1.004	(None)	No Restriction
	Inlet (1)	Catchment Area (4)	(None)	No Restriction
MH1/2	Inlet	1.002	(None)	No Restriction
	Inlet (1)	Catchment Area (2)	(None)	No Restriction
MH1/9	Inlet (1)	1.009	(None)	No Restriction
	Inlet (2)	Catchment Area (9)	(None)	No Restriction
MH1/10	Inlet (1)	1.010	(None)	No Restriction
	Inlet (2)	Catchment Area (10)	(None)	No Restriction
MH1/11	Inlet (1)	1.011	(None)	No Restriction
	Inlet (2)	Catchment Area (11)	(None)	No Restriction
MH1/12	Inlet	1.012	(None)	No Restriction
	Inlet (3)	Catchment Area (12)	(None)	No Restriction
MH2/1	Inlet	MH2/1 - TOC	(None)	No Restriction
MH2/2	Inlet	MH2/2 (1) - TOC	(None)	No Restriction
	Inlet (1)	2.000	(None)	No Restriction
MH3/1	Inlet	MH3/1 - TOC	(None)	No Restriction
MH3/2	Inlet	3.000	(None)	No Restriction
	Inlet (1)	Catchment Area	(None)	No Restriction
MH2/3	Inlet	MH2/3 (2) - TOC	(None)	No Restriction
	Inlet (1)	2.001	(None)	No Restriction
	Inlet (2)	3.001	(None)	No Restriction
	Inlet	2.002	(None)	No Restriction
MH1/13	Inlet (1)	MH1/13 (2) - TOC	(None)	No Restriction
	Inlet (2)	1.013	(None)	No Restriction
MH6/1	Inlet	Catchment Area (17)	(None)	No Restriction
MH6/2	Inlet	6.000	(None)	No Restriction
	Inlet (1)	Catchment Area (16)	(None)	No Restriction
MH1/15	Inlet	1.015 6.001	(None)	No Restriction
	Inlet (1)	Catchment Area (15)	(None)	No Restriction
MH4/1	Inlet	Catchment Area (13)	(None)	No Restriction
MH1/14	Inlet	1.014	(None)	No Restriction
	Inlet (1)	4.000	(None)	No Restriction
	Inlet (2)	Catchment Area (14)	(None)	No Restriction
MH5/3	Inlet	5.001	(None)	No Restriction
	Inlet (1)	Catchment Area (22)	(None)	No Restriction
MH5/4	Inlet	5.002	(None)	No Restriction
	Inlet (1)	Catchment Area (23)	(None)	No Restriction

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Junctions Storm Phase: 26_008 Network_2		
		Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	



Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
MH5/1	Inlet	Catchment Area (20)	(None)	No Restriction
MH1/16	Inlet	1.016	(None)	No Restriction
	Inlet (1)	Catchment Area (18)	(None)	No Restriction
MH5/2	Inlet	5.000	(None)	No Restriction
	Inlet (1)	Catchment Area (21)	(None)	No Restriction
MH1/17	Inlet	1.017	(None)	No Restriction
	Inlet (1)	Catchment Area (19)	(None)	No Restriction

Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
MH1/1	Outlet	1.002	Free Discharge
MH1/7	Outlet	1.008	Free Discharge
MH1/8	Outlet	1.009	Free Discharge
MH1/5	Outlet	1.006	Free Discharge
MH1/6	Outlet	1.007	Free Discharge
MH1/3	Outlet	1.004	Free Discharge
MH1/4	Outlet	1.005	Free Discharge
MH1/2	Outlet	1.003	Free Discharge
MH1/9	Outlet	1.010	Free Discharge
MH1/10	Outlet	1.011	Free Discharge
MH1/11	Outlet	1.012	Free Discharge
MH1/12	Outlet	1.013	Free Discharge
MH2/1	Outlet	2.000	Free Discharge
MH2/2	Outlet	2.001	Free Discharge
MH3/1	Outlet	3.000	Free Discharge
MH3/2	Outlet	3.001	Free Discharge
MH2/3	Outlet	2.002	Free Discharge
MH1/13	Outlet	1.014	Free Discharge
MH6/1	Outlet	6.000	Free Discharge
MH6/2	Outlet	6.001	Free Discharge
MH1/15	Outlet	1.016	Free Discharge
MH4/1	Outlet	4.000	Free Discharge
MH1/14	Outlet	1.015	Free Discharge
MH5/3	Outlet	5.002	Free Discharge
MH5/4	Outlet	5.003	Free Discharge
MH5/1	Outlet	5.000	Free Discharge
MH1/16	Outlet	1.017	Free Discharge
MH5/2	Outlet	5.001	Free Discharge
MH1/17	Outlet	1.018	Free Discharge

26-008:
West Sompting, Phase 3
Network 2 - Surface Water Calculations

Report Details:
Type: Stormwater Controls
Storm Phase: 26_008 Network_2

Date:
19/06/2026

Designed by:
GG

Milestone Transport Planning Ltd:
7 Ancells Court, Rye Close,
Fleet, Hampshire,
GU51 2UY

Checked by:
BM

Approved By:
PK





Pond

Type : Pond

Dimensions

Exceedance Level (m)	6.530
Depth (m)	2.730
Base Level (m)	3.800
Freeboard (mm)	300
Initial Depth (m)	0.000
Porosity (%)	100
Average Slope (1:X)	2.999
Total Volume (m³)	8367.832

Depth (m)	Area (m²)	Volume (m³)
0.000	2715.00	0.000
3.159	4746.57	11637.130

Inlets

Inlet

Inlet Type	Point Inflow
Incoming Item(s)	1.018
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (2)

Inlet Type	Point Inflow
Incoming Item(s)	5.003
Bypass Destination	(None)
Capacity Type	No Restriction

Advanced

Base Infiltration Rate (m/hr)	0.004
Safety Factor	2.0
Perimeter	Circular
Length (m)	115.598
Friction Scheme	Manning's n
n	0.04

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
Report Details: Type: Connections Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY		



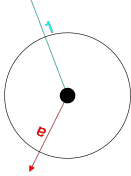
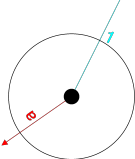
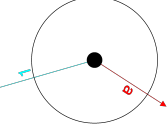
Name	Length (m)	Connection Type	Slope (1:X)	Manning's n	Colebrook-White Roughness (mm)	Diameter / Base Width (mm)	Upstream Cover Level (m)	Upstream Invert Level (m)	Downstream Cover Level (m)	Downstream Invert Level (m)	Part Family	Lock
1.002	50.044	Pipe	85.254		0.6	225	8.765	7.090	8.178	6.503		All
1.003	14.164	Pipe	87.974		0.6	225	8.178	6.503	8.017	6.342		All
1.004	43.041	Pipe	80.904		0.6	300	8.017	6.267	7.540	5.735		All
1.005	9.464	Pipe	87.629		0.6	300	7.540	5.735	7.465	5.627		All
1.006	37.414	Pipe	87.621		0.6	300	7.465	5.627	7.015	5.200		All
1.007	11.043	Pipe	78.879		0.6	300	7.015	5.200	6.829	5.060		All
1.008	17.334	Pipe	279.574		0.6	375	6.829	4.985	6.700	4.923		All
1.009	22.235	Pipe	239.081		0.6	375	6.700	4.923	6.742	4.830		All
1.010	30.574	Pipe	259.104		0.6	375	6.742	4.830	6.686	4.712		All
1.011	21.341	Pipe	388.020		0.6	450	6.686	4.637	6.700	4.582		All
1.012	10.582	Pipe	391.937		0.6	450	6.700	4.582	6.779	4.555		All
2.000	54.302	Pipe	164.552		0.6	225	8.360	6.517	9.088	6.187		All
3.001	46.943	Pipe	45.576		0.6	300	8.640	6.783	8.204	5.753		All
3.000	22.945	Pipe	168.717		0.6	225	8.669	6.994	8.640	6.858		All
2.001	60.797	Pipe	169.350		0.6	300	9.088	6.112	8.204	5.753		All
1.017	35.182	Pipe	576.761		0.6	675	6.960	3.957	6.661	3.896		All
5.001	11.817	Pipe	111.481		0.6	225	7.880	6.157	7.626	6.051		All
5.000	36.916	Pipe	169.341		0.6	225	7.950	6.375	7.880	6.157		All
5.002	57.113	Pipe	162.714		0.6	300	7.626	5.976	7.322	5.625		All
1.018	50.514	Pipe	526.185		0.6	675	6.661	3.896	6.530	3.800		All
4.000	23.439	Pipe	17.583		0.6	225	7.415	5.840	7.050	4.507		All
1.014	56.852	Pipe	481.794		0.6	675	7.865	4.175	7.050	4.057		All
6.001	27.828	Pipe	166.635		0.6	225	6.520	4.554	6.791	4.387		All
1.016	25.984	Pipe	577.431		0.6	675	6.791	4.002	6.960	3.957		All
1.015	25.999	Pipe	472.701		0.6	675	7.050	4.057	6.791	4.002		All
6.000	24.085	Pipe	167.257		0.6	225	6.160	4.698	6.520	4.554		All
2.002	33.831	Pipe	28.122		0.6	450	8.204	5.603	7.865	4.400		All
1.013	86.961	Pipe	386.495		0.6	525	6.779	4.475	7.865	4.250		All
5.003	40.242	Pipe	21.180		0.6	300	7.322	5.700	6.530	3.800		All

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Connections Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

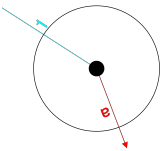
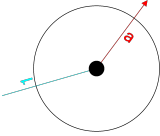
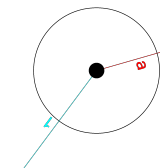
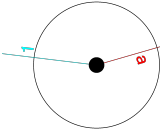


Name	Culvert Type	Culvert Entrance	Wall Thickness (mm)	Material	Trench Width (mm)	Bedding Material	Surrounding Material
1.002	(None)	(None)	0		0		
1.003	(None)	(None)	0		0		
1.004	(None)	(None)	0		0		
1.005	(None)	(None)	0		0		
1.006	(None)	(None)	0		0		
1.007	(None)	(None)	0		0		
1.008	(None)	(None)	0		0		
1.009	(None)	(None)	0		0		
1.010	(None)	(None)	0		0		
1.011	(None)	(None)	0		0		
1.012	(None)	(None)	0		0		
2.000	(None)	(None)	0		0		
3.001	(None)	(None)	0		0		
3.000	(None)	(None)	0		0		
2.001	(None)	(None)	0		0		
1.017	(None)	(None)	0		0		
5.001	(None)	(None)	0		0		
5.000	(None)	(None)	0		0		
5.002	(None)	(None)	0		0		
1.018	(None)	(None)	0		0		
4.000	(None)	(None)	0		0		
1.014	(None)	(None)	0		0		
6.001	(None)	(None)	0		0		
1.016	(None)	(None)	0		0		
1.015	(None)	(None)	0		0		
6.000	(None)	(None)	0		0		
2.002	(None)	(None)	0		0		
1.013	(None)	(None)	0		0		
5.003	(None)	(None)	0		0		

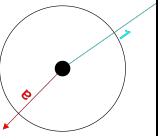
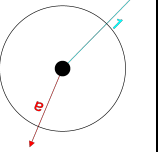
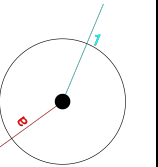
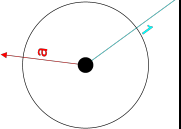
26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations		Date: 19/06/2026			
Report Details: Type: Manhole Schedule Storm Phase: 26_008 Network_2		Designed by: GG	Checked by: BM		Approved By: PK
		Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

Name	Cover Level (m) Invert Level (m)	Manhole Schematic	Manhole Size (m)	Connection Details				Type		
Coordinates (m)	Depth (m)			Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type	Flow Control Type	Flow Control IL (m)
Intersection (m)				Outgoing Connections				Cover		
MH1/1	8.765 7.090		Diameter / Length: 1.200 Width: 0.000					Manhole	{a} Free Discharge	
E:516618.086 N:104669.196	1.675			{a} 1.002	Pipe	7.090	Diam/Width:225	Not Applicable		
MH1/7	6.829 4.985		Diameter / Length: 1.500	{1} 1.007	Pipe	5.060	Diam/Width:300	Manhole	{a} Free Discharge	
E:516751.500 N:104673.691	1.844			{a} 1.008	Pipe	4.985	Diam/Width:375	Not Applicable		
IP E:516751.500 IP N:104673.691										
MH1/8	6.700 4.923		Diameter / Length: 1.500	{1} 1.008	Pipe	4.923	Diam/Width:375	Manhole	{a} Free Discharge	
E:516743.763 N:104658.180	1.777			{a} 1.009	Pipe	4.923	Diam/Width:375	Not Applicable		
IP E:516743.763 IP N:104658.180										
MH1/5	7.465 5.627		Diameter / Length: 1.200	{1} 1.005	Pipe	5.627	Diam/Width:300	Manhole	{a} Free Discharge	
E:516716.135 N:104704.290	1.838			{a} 1.006	Pipe	5.627	Diam/Width:300	Not Applicable		
IP E:516716.135 IP N:104704.290										

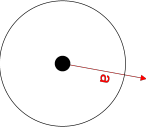
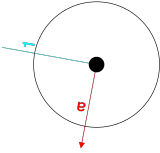
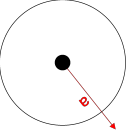
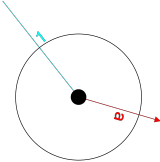
26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations		Date: 19/06/2026			
Report Details: Type: Manhole Schedule Storm Phase: 26_008 Network_2		Designed by: GG	Checked by: BM		Approved By: PK
		Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

Name	Cover Level (m) Invert Level (m)	Manhole Schematic	Manhole Size (m)	Connection Details				Type		
Coordinates (m)	Depth (m)			Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type	Flow Control Type	Flow Control IL (m)
Intersection (m)				Outgoing Connections				Cover		
MH1/6	7.015 5.200		Diameter / Length: 1.200	{1} 1.006	Pipe	5.200	Diam/Width:300	Manhole	{a} Free Discharge	
E:516747.578 N:104684.014	1.815									
IP E:516747.578 IP N:104684.014				{a} 1.007	Pipe	5.200	Diam/Width:300	Not Applicable		
MH1/3	8.017 6.267		Diameter / Length: 1.200	{1} 1.003	Pipe	6.342	Diam/Width:225	Manhole	{a} Free Discharge	
E:516681.379 N:104667.119	1.750									
IP E:516681.379 IP N:104667.119				{a} 1.004	Pipe	6.267	Diam/Width:300	Not Applicable		
MH1/4	7.540 5.735		Diameter / Length: 1.200	{1} 1.004	Pipe	5.735	Diam/Width:300	Manhole	{a} Free Discharge	
E:516707.040 N:104701.674	1.805									
IP E:516707.040 IP N:104701.674				{a} 1.005	Pipe	5.735	Diam/Width:300	Not Applicable		
MH1/2	8.178 6.503		Diameter / Length: 1.200	{1} 1.002	Pipe	6.503	Diam/Width:225	Manhole	{a} Free Discharge	
E:516667.769 N:104663.197	1.675									
IP E:516667.769 IP N:104663.197				{a} 1.003	Pipe	6.503	Diam/Width:225	Not Applicable		

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations		Date: 19/06/2026			
Report Details: Type: Manhole Schedule Storm Phase: 26_008 Network_2		Designed by: GG	Checked by: BM		Approved By: PK
		Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

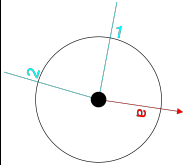
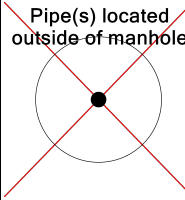
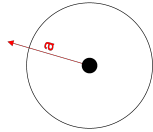
Name	Cover Level (m) Invert Level (m)	Manhole Schematic	Manhole Size (m)	Connection Details				Type		
Coordinates (m)	Depth (m)			Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type	Flow Control Type	Flow Control IL (m)
Intersection (m)				Outgoing Connections				Cover		
MH1/9	6.742 4.830		Diameter / Length: 1.500	{1} 1.009	Pipe	4.830	Diam/Width:375	Manhole	{a} Free Discharge	
E:516725.541 N:104645.439	1.912									
IP E:516725.541 IP N:104645.439				{a} 1.010	Pipe	4.830	Diam/Width:375	Not Applicable		
MH1/10	6.686 4.637		Diameter / Length: 1.500	{1} 1.010	Pipe	4.712	Diam/Width:375	Manhole	{a} Free Discharge	
E:516704.157 N:104623.587	2.049									
IP E:516704.157 IP N:104623.587				{a} 1.011	Pipe	4.637	Diam/Width:450	Not Applicable		
MH1/11	6.700 4.582		Diameter / Length: 1.500	{1} 1.011	Pipe	4.582	Diam/Width:450	Manhole	{a} Free Discharge	
E:516695.931 N:104603.895	2.118									
IP E:516695.931 IP N:104603.895				{a} 1.012	Pipe	4.582	Diam/Width:450	Not Applicable		
MH1/12	6.779 4.475		Diameter / Length: 1.800	{1} 1.012	Pipe	4.555	Diam/Width:450	Manhole	{a} Free Discharge	
E:516687.374 N:104597.669	2.304									
IP E:516687.374 IP N:104597.669				{a} 1.013	Pipe	4.475	Diam/Width:525	Not Applicable		

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations		Date: 19/06/2026			
Report Details: Type: Manhole Schedule Storm Phase: 26_008 Network_2		Designed by: GG	Checked by: BM		Approved By: PK
		Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

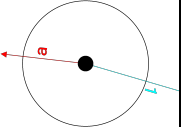
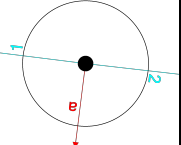
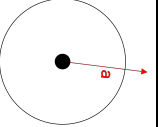
Name	Cover Level (m) Invert Level (m)	Manhole Schematic	Manhole Size (m)	Connection Details				Type		
Coordinates (m)	Depth (m)			Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type	Flow Control Type	Flow Control IL (m)
Intersection (m)				Outgoing Connections				Cover		
MH2/1	8.360 6.517		Diameter / Length: 1.200					Manhole - Access Required	{a} Free Discharge	
E:516525.515 N:104683.688	1.843									
IP E:516525.515 IP N:104683.688				{a} 2.000	Pipe	6.517	Diam/Width:225	Not Applicable		
MH2/2	9.088 6.112		Diameter / Length: 1.200	{1} 2.000	Pipe	6.187	Diam/Width:225	Manhole - Access Required	{a} Free Discharge	
E:516578.932 N:104673.923	2.976									
IP E:516578.932 IP N:104673.923				{a} 2.001	Pipe	6.112	Diam/Width:300	Not Applicable		
MH3/1	8.669 6.994		Diameter / Length: 1.200					Manhole - Access Required	{a} Free Discharge	
E:516508.422 N:104645.302	1.675									
IP E:516508.422 IP N:104645.302				{a} 3.000	Pipe	6.994	Diam/Width:225	Not Applicable		
MH3/2	8.640 6.783		Diameter / Length: 1.200	{1} 3.000	Pipe	6.858	Diam/Width:225	Manhole	{a} Free Discharge	
E:516522.666 N:104627.313	1.857									
IP E:516522.666 IP N:104627.313				{a} 3.001	Pipe	6.783	Diam/Width:300	Not Applicable		

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
Report Details: Type: Manhole Schedule Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY		

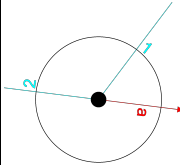
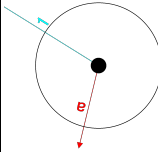
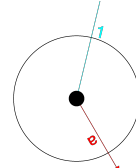
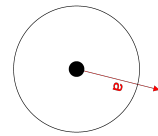


Name	Cover Level (m) Invert Level (m)	Manhole Schematic	Manhole Size (m)	Connection Details				Type		
Coordinates (m)	Depth (m)			Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type	Flow Control Type	Flow Control IL (m)
Intersection (m)				Outgoing Connections				Cover		
MH2/3	8.204 5.603		Diameter / Length: 1.200	{1} 2.001	Pipe	5.753	Diam/Width:300 Diam/Width:300	Manhole - Access Required	{a} Free Discharge	
E:516567.731 N:104614.167	2.601		{2} 3.001	Pipe	5.753					
IP E:516567.731 IP N:104614.167			{a} 2.002	Pipe	5.603	Diam/Width:450	Not Applicable			
MH1/13	7.865 4.175		Diameter / Length: 1.800	{1} 2.002	Pipe	4.400	Diam/Width:450 Diam/Width:525	Manhole	{a} Free Discharge	
E:516601.109 N:104608.652	3.690		{2} 1.013	Pipe	4.250					
IP E:516633.365 IP N:104604.422			{a} 1.014	Pipe	4.175	Diam/Width:675	Not Applicable			
MH6/1	6.160 4.698		Diameter / Length: 1.200					Manhole	{a} Free Discharge	
E:516670.600 N:104539.059	1.462		{a} 6.000	Pipe	4.698	Diam/Width:225	Not Applicable			
IP E:516670.600 IP N:104539.059										

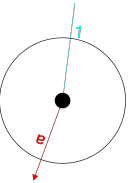
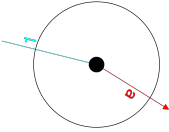
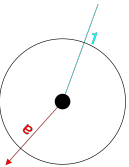
26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations		Date: 19/06/2026		
		Designed by: GG	Checked by: BM	
Report Details: Type: Manhole Schedule Storm Phase: 26_008 Network_2		Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY		

Name	Cover Level (m) Invert Level (m)	Manhole Schematic	Manhole Size (m)	Connection Details				Type		
Coordinates (m)	Depth (m)			Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type	Flow Control Type	Flow Control IL (m)
Intersection (m)				Outgoing Connections				Cover		
MH6/2	6.520 4.554		Diameter / Length: 1.200	{1} 6.000	Pipe	4.554	Diam/Width:225	Manhole	{a} Free Discharge	
E:516647.487 N:104545.832	1.966									
IP E:516647.487 IP N:104545.832				{a} 6.001	Pipe	4.554	Diam/Width:225	Not Applicable		
MH1/15	6.791 4.002		Diameter / Length: 1.800	{1} 1.015	Pipe	4.002	Diam/Width:675	Manhole	{a} Free Discharge	
E:516619.841 N:104549.010	2.789			{2} 6.001	Pipe	4.387	Diam/Width:225			
IP E:516619.841 IP N:104549.010				{a} 1.016	Pipe	4.002	Diam/Width:675	Not Applicable		
MH4/1	7.415 5.840		Diameter / Length: 1.200					Manhole	{a} Free Discharge	
E:516570.787 N:104555.153	1.575									
IP E:516570.787 IP N:104555.153				{a} 4.000	Pipe	5.840	Diam/Width:225	Not Applicable		

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations		Date: 19/06/2026			
Report Details: Type: Manhole Schedule Storm Phase: 26_008 Network_2		Designed by: GG	Checked by: BM		Approved By: PK
		Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

Name	Cover Level (m) Invert Level (m)	Manhole Schematic	Manhole Size (m)	Connection Details				Type		
Coordinates (m)	Depth (m)			Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type	Flow Control Type	Flow Control IL (m)
Intersection (m)				Outgoing Connections				Cover		
MH1/14	7.050 4.057		Diameter / Length: 1.800	{1} 1.014	Pipe	4.057	Diam/Width:675	Manhole	{a} Free Discharge	
E:516594.044 N:104552.241	2.993			{2} 4.000	Pipe	4.507	Diam/Width:225			
IP E:516594.044 IP N:104552.241				{a} 1.015	Pipe	4.057	Diam/Width:675	Not Applicable		
MH5/3	7.626 5.976		Diameter / Length: 1.200	{1} 5.001	Pipe	6.051	Diam/Width:225	Manhole	{a} Free Discharge	
E:516543.248 N:104556.929	1.650			{a} 5.002	Pipe	5.976	Diam/Width:300	Not Applicable		
IP E:516543.248 IP N:104556.929										
MH5/4	7.322 5.625		Diameter / Length: 1.200	{1} 5.002	Pipe	5.625	Diam/Width:300	Manhole	{a} Free Discharge	
E:516529.933 N:104501.390	1.697			{a} 5.003	Pipe	5.700	Diam/Width:300	Not Applicable		
IP E:516529.933 IP N:104501.390										
MH5/1	7.950 6.375		Diameter / Length: 1.200					Manhole	{a} Free Discharge	
E:516497.408 N:104572.140	1.575			{a} 5.000	Pipe	6.375	Diam/Width:225	Not Applicable		
IP E:516497.408 IP N:104572.140										

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations		Date: 19/06/2026		
		Designed by: GG	Checked by: BM	
Report Details: Type: Manhole Schedule Storm Phase: 26_008 Network_2		Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY		

Name	Cover Level (m) Invert Level (m)	Manhole Schematic	Manhole Size (m)	Connection Details				Type		
Coordinates (m)	Depth (m)			Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type	Flow Control Type	Flow Control IL (m)
Intersection (m)				Outgoing Connections				Cover		
MH1/16	6.960 3.957		Diameter / Length: 1.800	{1} 1.016	Pipe	3.957	Diam/Width:675	Manhole	{a} Free Discharge	
E:516616.612 N:104523.227	3.003									
IP E:516616.612 IP N:104523.227				{a} 1.017	Pipe	3.957	Diam/Width:675	Not Applicable		
MH5/2	7.880 6.157		Diameter / Length: 1.200	{1} 5.000	Pipe	6.157	Diam/Width:225	Manhole	{a} Free Discharge	
E:516533.221 N:104563.182	1.723									
IP E:516533.221 IP N:104563.182				{a} 5.001	Pipe	6.157	Diam/Width:225	Not Applicable		
MH1/17	6.661 3.896		Diameter / Length: 1.800	{1} 1.017	Pipe	3.896	Diam/Width:675	Manhole	{a} Free Discharge	
E:516604.577 N:104490.167	2.765									
IP E:516604.577 IP N:104490.167				{a} 1.018	Pipe	3.896	Diam/Width:675	Not Applicable		

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Network Design Criteria Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

Flow Options

Peak Flow Calculation	(UK) Modified Rational Method
Min. Time of Entry (mins)	5
Max. Travel Time (mins)	30

Pipe Options

Lock Slope Options	None
Design Options	Minimise Excavation
Design Level	Level Inverts
Min. Slope (1:X)	1000.00
Max. Slope (1:X)	40.00
Use Flow Restriction	☒
Reduce Channel Depths	☒

Pipe Size Library

Add. Increment (mm)	0
Max. Diameter (mm)	0

Diameter (mm)	Min. Slope (1:X)	Max. Slope (1:X)
100	0.00	0.00
150	0.00	0.00

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	
Report Details: Type: Network Design Criteria Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY		

Manhole Options

Apply Offset ☐

Manhole Size Library

Diameter / Width

Connection (mm)	Diameter / Length (m)	Width (m)
0	1.200	0.000
375	1.350	0.000
500	1.500	0.000
750	1.800	0.000

Depth

Depth (m)	Diameter / Length (m)	Width (m)
0.000	1.050	0.000
1.500	1.200	0.000

Access

Depth (m)	Ladder Protrusion (mm)
0.000	130
3.000	230

Benching Requirements

Landing Width (mm)	0
Benching Width (mm)	0

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Title: Rainfall Analysis Criteria		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Apply Global Value
Urban Creep Global Value (%)	0
Junction Flood Risk Margin (mm)	0
Perform No Discharge Analysis	☐

Rainfall

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Title: Rainfall Analysis Criteria	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

FEH

Type: FEH

Site Location	GB 516423 104975 TQ 16423 04975	
Rainfall Version	2022	
Summer	☒	
Winter	☒	

Return Period

Return Period (years)	Increase Rainfall (%)
2.0	0.000
30.0	0.000
30.0	40.000
100.0	0.000
100.0	40.000

Storm Durations

Duration (mins)	Run Time (mins)
15	30
30	60
60	120
120	240
180	360
240	480
360	720
480	960
600	1200
720	1440
960	1920
1440	2880
2160	4320

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Inflows Summary Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area (14)	FEH: 2 years: +0 %: 15 mins: Summer	0.02	3.9	1.713
Catchment Area (13)	FEH: 2 years: +0 %: 15 mins: Summer	0.04	8.7	3.807
Catchment Area (12)	FEH: 2 years: +0 %: 15 mins: Summer	0.11	23.1	10.093
Catchment Area (15)	FEH: 2 years: +0 %: 15 mins: Summer	0.02	5.2	2.285
Catchment Area (11)	FEH: 2 years: +0 %: 15 mins: Summer	0.01	1.7	0.761
Catchment Area (16)	FEH: 2 years: +0 %: 15 mins: Summer	0.03	7.4	3.238
Catchment Area (17)	FEH: 2 years: +0 %: 15 mins: Summer	0.04	8.1	3.525
Catchment Area (18)	FEH: 2 years: +0 %: 15 mins: Summer	0.04	9.2	3.998
Catchment Area (20)	FEH: 2 years: +0 %: 15 mins: Summer	0.05	10.0	4.382
Catchment Area (19)	FEH: 2 years: +0 %: 15 mins: Summer	0.03	7.0	3.046
MH2/1 - TOC	FEH: 2 years: +0 %: 15 mins: Summer	0.06	12.0	5.238
MH2/2 (1) - TOC	FEH: 2 years: +0 %: 15 mins: Summer	0.06	13.1	5.711
MH3/1 - TOC	FEH: 2 years: +0 %: 15 mins: Summer	0.04	8.7	3.807
Catchment Area	FEH: 2 years: +0 %: 15 mins: Summer	0.06	13.1	5.711
MH2/3 (2) - TOC	FEH: 2 years: +0 %: 15 mins: Summer	0.05	10.0	4.382
MH1/13 (2) - TOC	FEH: 2 years: +0 %: 15 mins: Summer	0.05	11.1	4.855
Catchment Area (7)	FEH: 2 years: +0 %: 15 mins: Summer	0.01	2.8	1.240
Catchment Area (10)	FEH: 2 years: +0 %: 15 mins: Summer	0.02	3.5	1.521
Catchment Area (6)	FEH: 2 years: +0 %: 15 mins: Summer	0.01	2.8	1.240
Catchment Area (5)	FEH: 2 years: +0 %: 15 mins: Summer	0.05	9.8	4.286
Catchment Area (4)	FEH: 2 years: +0 %: 15 mins: Summer	0.05	9.8	4.286

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Inflows Summary Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (2)	FEH: 2 years: +0 %: 15 mins: Summer	0.01	2.2	0.952
Catchment Area (1)	FEH: 2 years: +0 %: 15 mins: Summer	0.07	15.9	6.954
Catchment Area (9)	FEH: 2 years: +0 %: 15 mins: Summer	0.02	4.8	2.099
Catchment Area (3)	FEH: 2 years: +0 %: 15 mins: Summer	0.03	7.2	3.142
Catchment Area (8)	FEH: 2 years: +0 %: 15 mins: Summer	0.02	3.9	1.713
Catchment Area (21)	FEH: 2 years: +0 %: 15 mins: Summer	0.01	1.7	0.761
Catchment Area (22)	FEH: 2 years: +0 %: 15 mins: Summer	0.04	8.1	3.525
Catchment Area (23)	FEH: 2 years: +0 %: 15 mins: Summer	0.02	4.9	2.123

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Inflows Summary Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area (14)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	8.8	3.841
Catchment Area (13)	FEH: 30 years: +0 %: 15 mins: Summer	0.04	19.6	8.539
Catchment Area (12)	FEH: 30 years: +0 %: 15 mins: Summer	0.11	52.0	22.633
Catchment Area (15)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	11.8	5.126
Catchment Area (11)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	3.9	1.711
Catchment Area (16)	FEH: 30 years: +0 %: 15 mins: Summer	0.03	16.7	7.257
Catchment Area (17)	FEH: 30 years: +0 %: 15 mins: Summer	0.04	18.1	7.898
Catchment Area (18)	FEH: 30 years: +0 %: 15 mins: Summer	0.04	20.6	8.968
Catchment Area (20)	FEH: 30 years: +0 %: 15 mins: Summer	0.05	22.5	9.821
Catchment Area (19)	FEH: 30 years: +0 %: 15 mins: Summer	0.03	15.7	6.828
MH2/1 - TOC	FEH: 30 years: +0 %: 15 mins: Summer	0.06	27.0	11.742
MH2/2 (1) - TOC	FEH: 30 years: +0 %: 15 mins: Summer	0.06	29.4	12.809
MH3/1 - TOC	FEH: 30 years: +0 %: 15 mins: Summer	0.04	19.6	8.539
Catchment Area	FEH: 30 years: +0 %: 15 mins: Summer	0.06	29.4	12.809
MH2/3 (2) - TOC	FEH: 30 years: +0 %: 15 mins: Summer	0.05	22.5	9.821
MH1/13 (2) - TOC	FEH: 30 years: +0 %: 15 mins: Summer	0.05	25.0	10.891
Catchment Area (7)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	6.4	2.774
Catchment Area (10)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	7.8	3.416
Catchment Area (6)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	6.4	2.774
Catchment Area (5)	FEH: 30 years: +0 %: 15 mins: Summer	0.05	22.1	9.609
Catchment Area (4)	FEH: 30 years: +0 %: 15 mins: Summer	0.05	22.1	9.609

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Inflows Summary Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (2)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	4.9	2.139
Catchment Area (1)	FEH: 30 years: +0 %: 15 mins: Summer	0.07	35.8	15.589
Catchment Area (9)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	10.8	4.698
Catchment Area (3)	FEH: 30 years: +0 %: 15 mins: Summer	0.03	16.2	7.044
Catchment Area (8)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	8.8	3.841
Catchment Area (21)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	3.9	1.711
Catchment Area (22)	FEH: 30 years: +0 %: 15 mins: Summer	0.04	18.1	7.898
Catchment Area (23)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	10.9	4.761

26-008:
West Sompting, Phase 3
Network 2 - Surface Water Calculations

Report Details:
Type: Inflows Summary
Storm Phase: 26_008 Network_2

Date:
19/06/2026

Designed by:
GG

Checked by:
BM

Approved By:
PK

Milestone Transport Planning Ltd:
7 Ancells Court, Rye Close,
Fleet, Hampshire,
GU51 2UY

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FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area (14)	FEH: 30 years: +40 %: 15 mins: Summer	0.02	12.3	5.382
Catchment Area (13)	FEH: 30 years: +40 %: 15 mins: Summer	0.04	27.4	11.956
Catchment Area (12)	FEH: 30 years: +40 %: 15 mins: Summer	0.11	72.7	31.685
Catchment Area (15)	FEH: 30 years: +40 %: 15 mins: Summer	0.02	16.5	7.174
Catchment Area (11)	FEH: 30 years: +40 %: 15 mins: Summer	0.01	5.5	2.394
Catchment Area (16)	FEH: 30 years: +40 %: 15 mins: Summer	0.03	23.3	10.161
Catchment Area (17)	FEH: 30 years: +40 %: 15 mins: Summer	0.04	25.4	11.060
Catchment Area (18)	FEH: 30 years: +40 %: 15 mins: Summer	0.04	28.8	12.556
Catchment Area (20)	FEH: 30 years: +40 %: 15 mins: Summer	0.05	31.5	13.748
Catchment Area (19)	FEH: 30 years: +40 %: 15 mins: Summer	0.03	21.9	9.568
MH2/1 - TOC	FEH: 30 years: +40 %: 15 mins: Summer	0.06	37.7	16.439
MH2/2 (1) - TOC	FEH: 30 years: +40 %: 15 mins: Summer	0.06	41.2	17.937
MH3/1 - TOC	FEH: 30 years: +40 %: 15 mins: Summer	0.04	27.4	11.956
Catchment Area	FEH: 30 years: +40 %: 15 mins: Summer	0.06	41.2	17.937
MH2/3 (2) - TOC	FEH: 30 years: +40 %: 15 mins: Summer	0.05	31.5	13.748
MH1/13 (2) - TOC	FEH: 30 years: +40 %: 15 mins: Summer	0.05	35.0	15.246
Catchment Area (7)	FEH: 30 years: +40 %: 15 mins: Summer	0.01	8.9	3.884
Catchment Area (10)	FEH: 30 years: +40 %: 15 mins: Summer	0.02	11.0	4.782
Catchment Area (6)	FEH: 30 years: +40 %: 15 mins: Summer	0.01	8.9	3.884
Catchment Area (5)	FEH: 30 years: +40 %: 15 mins: Summer	0.05	30.9	13.451
Catchment Area (4)	FEH: 30 years: +40 %: 15 mins: Summer	0.05	30.9	13.451

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Inflows Summary Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (2)	FEH: 30 years: +40 %: 15 mins: Summer	0.01	6.9	2.988
Catchment Area (1)	FEH: 30 years: +40 %: 15 mins: Summer	0.07	50.1	21.821
Catchment Area (9)	FEH: 30 years: +40 %: 15 mins: Summer	0.02	15.1	6.574
Catchment Area (3)	FEH: 30 years: +40 %: 15 mins: Summer	0.03	22.6	9.865
Catchment Area (8)	FEH: 30 years: +40 %: 15 mins: Summer	0.02	12.3	5.382
Catchment Area (21)	FEH: 30 years: +40 %: 15 mins: Summer	0.01	5.5	2.394
Catchment Area (22)	FEH: 30 years: +40 %: 15 mins: Summer	0.04	25.4	11.060
Catchment Area (23)	FEH: 30 years: +40 %: 15 mins: Summer	0.02	15.3	6.667

26-008:
West Sompting, Phase 3
Network 2 - Surface Water Calculations

Report Details:
Type: Inflows Summary
Storm Phase: 26_008 Network_2

Date:
19/06/2026

Designed by:
GG

Checked by:
BM

Approved By:
PK

Milestone Transport Planning Ltd:
7 Ancells Court, Rye Close,
Fleet, Hampshire,
GU51 2UY





FEH: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area (14)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	11.1	4.836
Catchment Area (13)	FEH: 100 years: +0 %: 15 mins: Summer	0.04	24.7	10.744
Catchment Area (12)	FEH: 100 years: +0 %: 15 mins: Summer	0.11	65.4	28.472
Catchment Area (15)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	14.8	6.448
Catchment Area (11)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	4.9	2.148
Catchment Area (16)	FEH: 100 years: +0 %: 15 mins: Summer	0.03	21.0	9.129
Catchment Area (17)	FEH: 100 years: +0 %: 15 mins: Summer	0.04	22.8	9.938
Catchment Area (18)	FEH: 100 years: +0 %: 15 mins: Summer	0.04	25.9	11.283
Catchment Area (20)	FEH: 100 years: +0 %: 15 mins: Summer	0.05	28.4	12.356
Catchment Area (19)	FEH: 100 years: +0 %: 15 mins: Summer	0.03	19.8	8.596
MH2/1 - TOC	FEH: 100 years: +0 %: 15 mins: Summer	0.06	34.0	14.774
MH2/2 (1) - TOC	FEH: 100 years: +0 %: 15 mins: Summer	0.06	37.0	16.116
MH3/1 - TOC	FEH: 100 years: +0 %: 15 mins: Summer	0.04	24.7	10.744
Catchment Area	FEH: 100 years: +0 %: 15 mins: Summer	0.06	37.0	16.116
MH2/3 (2) - TOC	FEH: 100 years: +0 %: 15 mins: Summer	0.05	28.4	12.356
MH1/13 (2) - TOC	FEH: 100 years: +0 %: 15 mins: Summer	0.05	31.5	13.701
Catchment Area (7)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	8.0	3.490
Catchment Area (10)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	9.9	4.293
Catchment Area (6)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	8.0	3.490
Catchment Area (5)	FEH: 100 years: +0 %: 15 mins: Summer	0.05	27.8	12.086
Catchment Area (4)	FEH: 100 years: +0 %: 15 mins: Summer	0.05	27.8	12.086

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Inflows Summary Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (2)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	6.2	2.688
Catchment Area (1)	FEH: 100 years: +0 %: 15 mins: Summer	0.07	45.1	19.610
Catchment Area (9)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	13.6	5.908
Catchment Area (3)	FEH: 100 years: +0 %: 15 mins: Summer	0.03	20.4	8.866
Catchment Area (8)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	11.1	4.836
Catchment Area (21)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	4.9	2.148
Catchment Area (22)	FEH: 100 years: +0 %: 15 mins: Summer	0.04	22.8	9.938
Catchment Area (23)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	13.8	5.989

26-008:
West Sompting, Phase 3
Network 2 - Surface Water Calculations

Report Details:
Type: Inflows Summary
Storm Phase: 26_008 Network_2

Date:
19/06/2026

Designed by:
GG

Checked by:
BM

Approved By:
PK

Milestone Transport Planning Ltd:
7 Ancells Court, Rye Close,
Fleet, Hampshire,
GU51 2UY





FEH: 100 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area (14)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	15.5	6.775
Catchment Area (13)	FEH: 100 years: +40 %: 15 mins: Summer	0.04	34.5	15.058
Catchment Area (12)	FEH: 100 years: +40 %: 15 mins: Summer	0.11	91.5	39.900
Catchment Area (15)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	20.7	9.033
Catchment Area (11)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	6.9	3.008
Catchment Area (16)	FEH: 100 years: +40 %: 15 mins: Summer	0.03	29.4	12.797
Catchment Area (17)	FEH: 100 years: +40 %: 15 mins: Summer	0.04	31.9	13.928
Catchment Area (18)	FEH: 100 years: +40 %: 15 mins: Summer	0.04	36.3	15.808
Catchment Area (20)	FEH: 100 years: +40 %: 15 mins: Summer	0.05	39.7	17.314
Catchment Area (19)	FEH: 100 years: +40 %: 15 mins: Summer	0.03	27.6	12.044
MH2/1 - TOC	FEH: 100 years: +40 %: 15 mins: Summer	0.06	47.5	20.703
MH2/2 (1) - TOC	FEH: 100 years: +40 %: 15 mins: Summer	0.06	51.8	22.583
MH3/1 - TOC	FEH: 100 years: +40 %: 15 mins: Summer	0.04	34.5	15.058
Catchment Area	FEH: 100 years: +40 %: 15 mins: Summer	0.06	51.8	22.583
MH2/3 (2) - TOC	FEH: 100 years: +40 %: 15 mins: Summer	0.05	39.7	17.314
MH1/13 (2) - TOC	FEH: 100 years: +40 %: 15 mins: Summer	0.05	44.0	19.197
Catchment Area (7)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	11.2	4.894
Catchment Area (10)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	13.8	6.025
Catchment Area (6)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	11.2	4.894
Catchment Area (5)	FEH: 100 years: +40 %: 15 mins: Summer	0.05	38.9	16.939
Catchment Area (4)	FEH: 100 years: +40 %: 15 mins: Summer	0.05	38.9	16.939

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations		Date: 19/06/2026			
		Designed by: GG	Checked by: BM		Approved By: PK
Report Details: Type: Inflows Summary Storm Phase: 26_008 Network_2		Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

Catchment Area (2)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	8.6	3.764
Catchment Area (1)	FEH: 100 years: +40 %: 15 mins: Summer	0.07	63.0	27.477
Catchment Area (9)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	19.0	8.277
Catchment Area (3)	FEH: 100 years: +40 %: 15 mins: Summer	0.03	28.5	12.425
Catchment Area (8)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	15.5	6.775
Catchment Area (21)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	6.9	3.008
Catchment Area (22)	FEH: 100 years: +40 %: 15 mins: Summer	0.04	31.9	13.928
Catchment Area (23)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	19.3	8.394

26-008:
West Sompting, Phase 3
Network 2 - Surface Water Calculations

Report Details:
Type: Junctions Summary
Storm Phase: 26_008 Network_2

Date:
19/06/2026

Designed by:
GG

Checked by:
BM

Approved By:
PK

Milestone Transport Planning Ltd:
7 Ancells Court, Rye Close,
Fleet, Hampshire,
GU51 2UY

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FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Outflow

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
MH1/1	FEH: 2 years: +0 %: 15 mins: Summer	8.765	7.090	7.171	0.081	15.9	0.000	0.000	15.3	6.960	OK
MH1/7	FEH: 2 years: +0 %: 15 mins: Summer	6.829	4.985	5.149	0.164	41.3	0.290	0.000	39.5	21.946	OK
MH1/8	FEH: 2 years: +0 %: 15 mins: Summer	6.700	4.923	5.080	0.157	43.5	0.278	0.000	40.2	23.602	OK
MH1/5	FEH: 2 years: +0 %: 15 mins: Summer	7.465	5.627	5.749	0.122	39.9	0.138	0.000	38.1	19.539	OK
MH1/6	FEH: 2 years: +0 %: 15 mins: Summer	7.015	5.200	5.327	0.127	41.0	0.144	0.000	38.4	20.739	OK
MH1/3	FEH: 2 years: +0 %: 15 mins: Summer	8.017	6.267	6.353	0.086	23.2	0.097	0.000	22.2	11.015	OK
MH1/4	FEH: 2 years: +0 %: 15 mins: Summer	7.540	5.735	5.852	0.117	32.1	0.133	0.000	30.1	15.275	OK
MH1/2	FEH: 2 years: +0 %: 15 mins: Summer	8.178	6.503	6.592	0.089	17.5	0.100	0.000	16.0	7.884	OK
MH1/9	FEH: 2 years: +0 %: 30 mins: Summer	6.742	4.830	4.982	0.152	39.2	0.269	0.000	39.2	33.824	OK
MH1/10	FEH: 2 years: +0 %: 30 mins: Summer	6.686	4.637	4.804	0.167	41.5	0.295	0.000	41.5	35.800	OK
MH1/11	FEH: 2 years: +0 %: 30 mins: Summer	6.700	4.582	4.745	0.163	42.6	0.287	0.000	42.6	36.747	OK
MH1/12	FEH: 2 years: +0 %: 30 mins: Summer	6.779	4.475	4.654	0.179	57.8	0.455	0.000	57.6	49.988	OK
MH2/1	FEH: 2 years: +0 %: 15 mins: Summer	8.360	6.517	6.597	0.080	12.0	0.090	0.000	10.3	5.215	OK
MH2/2	FEH: 2 years: +0 %: 15 mins: Summer	9.088	6.112	6.214	0.102	23.3	0.115	0.000	19.8	10.876	OK
MH3/1	FEH: 2 years: +0 %: 15 mins: Summer	8.669	6.994	7.066	0.072	8.7	0.081	0.000	8.1	3.800	OK
MH3/2	FEH: 2 years: +0 %: 15 mins: Summer	8.640	6.783	6.854	0.071	21.2	0.081	0.000	19.8	9.497	OK
MH2/3	FEH: 2 years: +0 %: 15 mins: Summer	8.204	5.603	5.690	0.087	49.6	0.099	0.000	47.6	24.728	OK
MH1/13	FEH: 2 years: +0 %: 30 mins: Summer	7.865	4.175	4.410	0.235	102.6	0.598	0.000	99.7	88.723	OK
MH6/1	FEH: 2 years: +0 %: 15 mins: Summer	6.160	4.698	4.765	0.067	8.1	0.076	0.000	7.7	3.526	OK
MH6/2	FEH: 2 years: +0 %: 15 mins: Summer	6.520	4.554	4.648	0.094	15.2	0.107	0.000	13.5	6.737	OK
MH1/15	FEH: 2 years: +0 %: 15 mins: Summer	6.791	4.002	4.288	0.286	115.5	0.728	0.000	121.9	80.289	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Junctions Summary Storm Phase: 26_008 Network_2			
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY				

MH4/1	FEH: 2 years: +0 %: 15 mins: Summer	7.415	5.840	5.880	0.040	8.7	0.046	0.000	8.5	3.805	OK
MH1/14	FEH: 2 years: +0 %: 15 mins: Summer	7.050	4.057	4.328	0.271	98.2	0.689	0.000	108.4	71.744	OK
MH5/3	FEH: 2 years: +0 %: 15 mins: Summer	7.626	5.976	6.065	0.089	18.3	0.101	0.000	16.9	8.659	OK
MH5/4	FEH: 2 years: +0 %: 15 mins: Summer	7.322	5.625	5.770	0.145	21.8	0.164	0.000	20.4	10.293	OK
MH5/1	FEH: 2 years: +0 %: 15 mins: Summer	7.950	6.375	6.452	0.077	10.0	0.087	0.000	9.5	4.382	OK
MH1/16	FEH: 2 years: +0 %: 15 mins: Summer	6.960	3.957	4.234	0.277	124.0	0.706	0.000	130.3	83.700	OK
MH5/2	FEH: 2 years: +0 %: 15 mins: Summer	7.880	6.157	6.231	0.074	11.2	0.084	0.000	10.3	5.121	OK
MH1/17	FEH: 2 years: +0 %: 15 mins: Summer	6.661	3.896	4.142	0.246	132.0	0.626	0.000	137.7	86.000	OK

26-008:
West Sompting, Phase 3
Network 2 - Surface Water Calculations

Report Details:
Type: Junctions Summary
Storm Phase: 26_008 Network_2

Date:
19/06/2026

Designed by:
GG

Milestone Transport Planning Ltd:
7 Ancells Court, Rye Close,
Fleet, Hampshire,
GU51 2UY

Checked by:
BM

Approved By:
PK





FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Outflow

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
MH1/1	FEH: 30 years: +0 %: 15 mins: Summer	8.765	7.090	7.221	0.131	35.8	0.000	0.000	34.5	15.593	OK
MH1/7	FEH: 30 years: +0 %: 15 mins: Summer	6.829	4.985	5.271	0.286	94.8	0.505	0.000	90.9	49.303	OK
MH1/8	FEH: 30 years: +0 %: 15 mins: Summer	6.700	4.923	5.196	0.273	99.7	0.483	0.000	93.6	53.077	OK
MH1/5	FEH: 30 years: +0 %: 15 mins: Summer	7.465	5.627	5.836	0.209	90.8	0.237	0.000	87.0	43.879	OK
MH1/6	FEH: 30 years: +0 %: 15 mins: Summer	7.015	5.200	5.426	0.226	93.4	0.255	0.000	88.4	46.555	OK
MH1/3	FEH: 30 years: +0 %: 15 mins: Summer	8.017	6.267	6.404	0.137	52.7	0.155	0.000	50.8	24.717	OK
MH1/4	FEH: 30 years: +0 %: 15 mins: Summer	7.540	5.735	5.940	0.205	72.8	0.232	0.000	68.7	34.303	OK
MH1/2	FEH: 30 years: +0 %: 15 mins: Summer	8.178	6.503	6.651	0.148	39.4	0.168	0.000	36.5	17.698	OK
MH1/9	FEH: 30 years: +0 %: 15 mins: Summer	6.742	4.830	5.094	0.264	104.4	0.467	0.000	93.1	57.640	OK
MH1/10	FEH: 30 years: +0 %: 15 mins: Summer	6.686	4.637	4.912	0.275	100.9	0.486	0.000	96.4	60.974	OK
MH1/11	FEH: 30 years: +0 %: 30 mins: Summer	6.700	4.582	4.837	0.255	97.1	0.451	0.000	97.1	83.908	OK
MH1/12	FEH: 30 years: +0 %: 30 mins: Summer	6.779	4.475	4.758	0.283	131.9	0.719	0.000	131.6	114.005	OK
MH2/1	FEH: 30 years: +0 %: 15 mins: Summer	8.360	6.517	6.647	0.130	27.0	0.147	0.000	23.7	11.713	OK
MH2/2	FEH: 30 years: +0 %: 15 mins: Summer	9.088	6.112	6.280	0.168	53.1	0.190	0.000	46.5	24.459	OK
MH3/1	FEH: 30 years: +0 %: 15 mins: Summer	8.669	6.994	7.108	0.114	19.6	0.129	0.000	18.4	8.531	OK
MH3/2	FEH: 30 years: +0 %: 15 mins: Summer	8.640	6.783	6.894	0.111	47.8	0.126	0.000	45.2	21.320	OK
MH2/3	FEH: 30 years: +0 %: 15 mins: Summer	8.204	5.603	5.740	0.137	114.3	0.154	0.000	113.5	55.125	OK
MH1/13	FEH: 30 years: +0 %: 30 mins: Summer	7.865	4.175	4.586	0.411	234.1	1.046	0.000	228.2	202.146	OK
MH6/1	FEH: 30 years: +0 %: 15 mins: Summer	6.160	4.698	4.802	0.104	18.1	0.117	0.000	17.5	7.899	OK
MH6/2	FEH: 30 years: +0 %: 15 mins: Summer	6.520	4.554	4.714	0.160	34.2	0.181	0.000	30.8	15.122	OK
MH1/15	FEH: 30 years: +0 %: 30 mins: Summer	6.791	4.002	4.460	0.458	274.2	1.166	0.000	271.5	245.159	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Junctions Summary Storm Phase: 26_008 Network_2			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	

MH4/1	FEH: 30 years: +0 %: 15 mins: Summer	7.415	5.840	5.901	0.061	19.6	0.069	0.000	19.1	8.514	OK
MH1/14	FEH: 30 years: +0 %: 30 mins: Summer	7.050	4.057	4.510	0.453	247.3	1.153	0.000	243.0	218.333	OK
MH5/3	FEH: 30 years: +0 %: 15 mins: Summer	7.626	5.976	6.119	0.143	41.7	0.162	0.000	38.8	19.414	OK
MH5/4	FEH: 30 years: +0 %: 15 mins: Summer	7.322	5.625	5.802	0.177	49.7	0.201	0.000	48.3	23.703	OK
MH5/1	FEH: 30 years: +0 %: 15 mins: Summer	7.950	6.375	6.499	0.124	22.5	0.140	0.000	21.4	9.822	OK
MH1/16	FEH: 30 years: +0 %: 15 mins: Summer	6.960	3.957	4.380	0.423	269.5	1.076	0.000	282.3	190.570	OK
MH5/2	FEH: 30 years: +0 %: 15 mins: Summer	7.880	6.157	6.277	0.120	25.3	0.136	0.000	23.6	11.505	OK
MH1/17	FEH: 30 years: +0 %: 15 mins: Summer	6.661	3.896	4.253	0.357	286.0	0.908	0.000	297.9	196.576	OK

26-008:
West Sompting, Phase 3
Network 2 - Surface Water Calculations

Report Details:
Type: Junctions Summary
Storm Phase: 26_008 Network_2

Date:
19/06/2026

Designed by:
GG

Checked by:
BM

Approved By:
PK

Milestone Transport Planning Ltd:
7 Ancells Court, Rye Close,
Fleet, Hampshire,
GU51 2UY

I

DRN



FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Outflow

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
MH1/1	FEH: 30 years: +40 %: 15 mins: Summer	8.765	7.090	7.260	0.170	50.1	0.000	0.000	48.3	21.817	OK
MH1/7	FEH: 30 years: +40 %: 15 mins: Summer	6.829	4.985	5.384	0.399	123.6	0.704	0.000	119.4	69.146	Surcharged
MH1/8	FEH: 30 years: +40 %: 15 mins: Summer	6.700	4.923	5.291	0.368	131.8	0.651	0.000	126.5	74.462	OK
MH1/5	FEH: 30 years: +40 %: 15 mins: Summer	7.465	5.627	5.968	0.341	112.0	0.385	0.000	109.3	61.403	Surcharged
MH1/6	FEH: 30 years: +40 %: 15 mins: Summer	7.015	5.200	5.559	0.359	118.2	0.406	0.000	114.6	65.252	Surcharged
MH1/3	FEH: 30 years: +40 %: 15 mins: Summer	8.017	6.267	6.431	0.164	73.4	0.186	0.000	71.8	34.541	OK
MH1/4	FEH: 30 years: +40 %: 15 mins: Winter	7.540	5.735	6.004	0.269	97.0	0.304	0.000	90.2	48.065	OK
MH1/2	FEH: 30 years: +40 %: 15 mins: Summer	8.178	6.503	6.698	0.195	55.1	0.221	0.000	50.8	24.777	OK
MH1/9	FEH: 30 years: +40 %: 15 mins: Summer	6.742	4.830	5.180	0.350	141.5	0.619	0.000	131.7	80.389	OK
MH1/10	FEH: 30 years: +40 %: 15 mins: Summer	6.686	4.637	4.982	0.345	142.7	0.610	0.000	133.3	85.158	OK
MH1/11	FEH: 30 years: +40 %: 15 mins: Summer	6.700	4.582	4.912	0.330	138.8	0.584	0.000	133.7	87.349	OK
MH1/12	FEH: 30 years: +40 %: 15 mins: Summer	6.779	4.475	4.842	0.367	204.6	0.934	0.000	181.1	119.246	OK
MH2/1	FEH: 30 years: +40 %: 15 mins: Summer	8.360	6.517	6.683	0.166	37.7	0.187	0.000	33.1	16.407	OK
MH2/2	FEH: 30 years: +40 %: 15 mins: Summer	9.088	6.112	6.324	0.212	74.3	0.240	0.000	65.5	34.275	OK
MH3/1	FEH: 30 years: +40 %: 15 mins: Summer	8.669	6.994	7.136	0.142	27.4	0.161	0.000	25.8	11.948	OK
MH3/2	FEH: 30 years: +40 %: 15 mins: Summer	8.640	6.783	6.919	0.136	67.0	0.153	0.000	63.7	29.864	OK
MH2/3	FEH: 30 years: +40 %: 15 mins: Summer	8.204	5.603	5.760	0.157	160.7	0.178	0.000	159.3	77.335	OK
MH1/13	FEH: 30 years: +40 %: 30 mins: Summer	7.865	4.175	4.716	0.541	321.6	1.378	0.000	313.4	283.683	OK
MH6/1	FEH: 30 years: +40 %: 15 mins: Summer	6.160	4.698	4.828	0.130	25.4	0.147	0.000	24.3	11.060	OK
MH6/2	FEH: 30 years: +40 %: 15 mins: Summer	6.520	4.554	4.776	0.222	47.6	0.251	0.000	42.1	20.677	OK
MH1/15	FEH: 30 years: +40 %: 30 mins: Summer	6.791	4.002	4.572	0.570	378.8	1.451	0.000	375.7	344.018	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Junctions Summary Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



MH4/1	FEH: 30 years: +40 %: 15 mins: Summer	7.415	5.840	5.914	0.074	27.4	0.083	0.000	26.8	11.862	OK
MH1/14	FEH: 30 years: +40 %: 30 mins: Summer	7.050	4.057	4.633	0.576	340.1	1.465	0.000	335.2	306.457	OK
MH5/3	FEH: 30 years: +40 %: 15 mins: Summer	7.626	5.976	6.159	0.183	58.6	0.207	0.000	54.8	27.188	OK
MH5/4	FEH: 30 years: +40 %: 15 mins: Summer	7.322	5.625	5.820	0.195	70.1	0.221	0.000	68.2	33.391	OK
MH5/1	FEH: 30 years: +40 %: 15 mins: Summer	7.950	6.375	6.531	0.156	31.5	0.177	0.000	30.1	13.748	OK
MH1/16	FEH: 30 years: +40 %: 30 mins: Summer	6.960	3.957	4.480	0.523	395.0	1.332	0.000	391.9	360.553	OK
MH5/2	FEH: 30 years: +40 %: 15 mins: Summer	7.880	6.157	6.308	0.151	35.5	0.171	0.000	33.2	16.113	OK
MH1/17	FEH: 30 years: +40 %: 30 mins: Summer	6.661	3.896	4.320	0.424	406.6	1.080	0.000	403.3	372.920	OK

26-008:
West Sompting, Phase 3
Network 2 - Surface Water Calculations

Report Details:
Type: Junctions Summary
Storm Phase: 26_008 Network_2

Date:
19/06/2026

Designed by:
GG

Checked by:
BM

Approved By:
PK

Milestone Transport Planning Ltd:
7 Ancells Court, Rye Close,
Fleet, Hampshire,
GU51 2UY

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DRN



FEH: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Outflow

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
MH1/1	FEH: 100 years: +0 %: 15 mins: Summer	8.765	7.090	7.245	0.155	45.1	0.000	0.000	43.4	19.610	OK
MH1/7	FEH: 100 years: +0 %: 15 mins: Summer	6.829	4.985	5.334	0.349	117.6	0.617	0.000	112.3	62.086	OK
MH1/8	FEH: 100 years: +0 %: 15 mins: Summer	6.700	4.923	5.253	0.330	123.4	0.584	0.000	116.4	66.855	OK
MH1/5	FEH: 100 years: +0 %: 15 mins: Summer	7.465	5.627	5.886	0.259	114.4	0.293	0.000	109.9	55.163	OK
MH1/6	FEH: 100 years: +0 %: 15 mins: Summer	7.015	5.200	5.500	0.300	117.9	0.339	0.000	109.6	58.600	OK
MH1/3	FEH: 100 years: +0 %: 15 mins: Summer	8.017	6.267	6.423	0.156	66.3	0.176	0.000	65.0	31.088	OK
MH1/4	FEH: 100 years: +0 %: 15 mins: Summer	7.540	5.735	5.988	0.253	92.8	0.286	0.000	86.6	43.171	OK
MH1/2	FEH: 100 years: +0 %: 15 mins: Summer	8.178	6.503	6.680	0.177	49.6	0.200	0.000	45.9	22.262	OK
MH1/9	FEH: 100 years: +0 %: 15 mins: Summer	6.742	4.830	5.145	0.315	130.0	0.557	0.000	117.7	72.241	OK
MH1/10	FEH: 100 years: +0 %: 15 mins: Summer	6.686	4.637	4.959	0.322	127.5	0.568	0.000	122.2	76.546	OK
MH1/11	FEH: 100 years: +0 %: 30 mins: Summer	6.700	4.582	4.884	0.302	123.2	0.534	0.000	122.7	106.706	OK
MH1/12	FEH: 100 years: +0 %: 30 mins: Summer	6.779	4.475	4.813	0.338	167.0	0.860	0.000	164.9	144.787	OK
MH2/1	FEH: 100 years: +0 %: 15 mins: Summer	8.360	6.517	6.670	0.153	34.0	0.173	0.000	29.8	14.741	OK
MH2/2	FEH: 100 years: +0 %: 15 mins: Summer	9.088	6.112	6.308	0.196	66.9	0.222	0.000	58.8	30.788	OK
MH3/1	FEH: 100 years: +0 %: 15 mins: Summer	8.669	6.994	7.126	0.132	24.7	0.149	0.000	23.2	10.735	OK
MH3/2	FEH: 100 years: +0 %: 15 mins: Summer	8.640	6.783	6.910	0.127	60.3	0.144	0.000	57.1	26.828	OK
MH2/3	FEH: 100 years: +0 %: 15 mins: Summer	8.204	5.603	5.753	0.150	144.4	0.170	0.000	143.1	69.446	OK
MH1/13	FEH: 100 years: +0 %: 30 mins: Summer	7.865	4.175	4.674	0.499	295.2	1.269	0.000	287.1	257.685	OK
MH6/1	FEH: 100 years: +0 %: 15 mins: Summer	6.160	4.698	4.817	0.119	22.8	0.135	0.000	22.0	9.938	OK
MH6/2	FEH: 100 years: +0 %: 15 mins: Summer	6.520	4.554	4.749	0.195	43.0	0.221	0.000	38.5	18.637	OK
MH1/15	FEH: 100 years: +0 %: 30 mins: Summer	6.791	4.002	4.537	0.535	346.5	1.361	0.000	343.2	312.408	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Junctions Summary Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

MH4/1	FEH: 100 years: +0 %: 15 mins: Summer	7.415	5.840	5.909	0.069	24.7	0.078	0.000	24.1	10.664	OK
MH1/14	FEH: 100 years: +0 %: 30 mins: Summer	7.050	4.057	4.593	0.536	311.4	1.365	0.000	306.9	278.311	OK
MH5/3	FEH: 100 years: +0 %: 15 mins: Summer	7.626	5.976	6.145	0.169	52.6	0.191	0.000	49.1	24.424	OK
MH5/4	FEH: 100 years: +0 %: 15 mins: Summer	7.322	5.625	5.814	0.189	62.8	0.214	0.000	61.0	29.946	OK
MH5/1	FEH: 100 years: +0 %: 15 mins: Summer	7.950	6.375	6.520	0.145	28.4	0.164	0.000	27.0	12.355	OK
MH1/16	FEH: 100 years: +0 %: 30 mins: Summer	6.960	3.957	4.450	0.493	360.7	1.256	0.000	357.7	327.410	OK
MH5/2	FEH: 100 years: +0 %: 15 mins: Summer	7.880	6.157	6.297	0.140	31.9	0.159	0.000	29.8	14.473	OK
MH1/17	FEH: 100 years: +0 %: 30 mins: Summer	6.661	3.896	4.300	0.404	371.0	1.028	0.000	367.8	338.822	OK

26-008:
West Sompting, Phase 3
Network 2 - Surface Water Calculations

Report Details:
Type: Junctions Summary
Storm Phase: 26_008 Network_2

Date:
19/06/2026

Designed by:
GG

Milestone Transport Planning Ltd:
7 Ancells Court, Rye Close,
Fleet, Hampshire,
GU51 2UY

Checked by:
BM

Approved By:
PK





FEH: 100 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Outflow

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
MH1/1	FEH: 100 years: +40 %: 15 mins: Summer	8.765	7.090	7.434	0.344	63.0	0.000	0.000	54.9	27.304	Surcharged
MH1/7	FEH: 100 years: +40 %: 15 mins: Summer	6.829	4.985	5.578	0.593	144.1	1.048	0.000	137.3	87.293	Surcharged
MH1/8	FEH: 100 years: +40 %: 15 mins: Summer	6.700	4.923	5.461	0.538	152.8	0.951	0.000	145.1	94.012	Surcharged
MH1/5	FEH: 100 years: +40 %: 15 mins: Summer	7.465	5.627	6.374	0.747	133.7	0.845	0.000	126.1	77.481	Surcharged
MH1/6	FEH: 100 years: +40 %: 15 mins: Summer	7.015	5.200	5.821	0.621	137.3	0.702	0.000	132.9	82.358	Surcharged
MH1/3	FEH: 100 years: +40 %: 15 mins: Summer	8.017	6.267	6.714	0.447	79.1	0.506	0.000	65.5	43.629	Surcharged
MH1/4	FEH: 100 years: +40 %: 15 mins: Summer	7.540	5.735	6.493	0.758	104.3	0.857	0.000	94.8	60.678	Surcharged
MH1/2	FEH: 100 years: +40 %: 15 mins: Winter	8.178	6.503	6.784	0.281	61.5	0.317	0.000	57.4	31.162	Surcharged
MH1/9	FEH: 100 years: +40 %: 15 mins: Summer	6.742	4.830	5.306	0.476	164.0	0.840	0.000	155.8	101.577	Surcharged
MH1/10	FEH: 100 years: +40 %: 15 mins: Summer	6.686	4.637	5.095	0.458	169.6	0.810	0.000	160.8	107.655	Surcharged
MH1/11	FEH: 100 years: +40 %: 15 mins: Summer	6.700	4.582	5.020	0.438	167.7	0.773	0.000	167.1	110.566	OK
MH1/12	FEH: 100 years: +40 %: 15 mins: Summer	6.779	4.475	4.960	0.485	249.6	1.235	0.000	213.5	150.919	OK
MH2/1	FEH: 100 years: +40 %: 15 mins: Summer	8.360	6.517	6.736	0.219	47.5	0.248	0.000	42.2	20.349	OK
MH2/2	FEH: 100 years: +40 %: 15 mins: Summer	9.088	6.112	6.367	0.255	94.0	0.289	0.000	80.5	43.062	OK
MH3/1	FEH: 100 years: +40 %: 15 mins: Summer	8.669	6.994	7.162	0.168	34.5	0.190	0.000	32.4	15.048	OK
MH3/2	FEH: 100 years: +40 %: 15 mins: Summer	8.640	6.783	6.939	0.156	84.3	0.176	0.000	80.1	37.606	OK
MH2/3	FEH: 100 years: +40 %: 15 mins: Summer	8.204	5.603	5.780	0.177	200.4	0.200	0.000	198.3	97.277	OK
MH1/13	FEH: 100 years: +40 %: 30 mins: Summer	7.865	4.175	4.900	0.725	395.2	1.846	0.000	389.3	360.920	Surcharged
MH6/1	FEH: 100 years: +40 %: 15 mins: Summer	6.160	4.698	4.995	0.297	31.9	0.336	0.000	26.7	13.932	Surcharged
MH6/2	FEH: 100 years: +40 %: 15 mins: Summer	6.520	4.554	4.910	0.356	56.1	0.402	0.000	50.0	26.112	Surcharged
MH1/15	FEH: 100 years: +40 %: 30 mins: Summer	6.791	4.002	4.682	0.680	473.1	1.730	0.000	470.3	437.841	Surcharged

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Junctions Summary Storm Phase: 26_008 Network_2			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	

MH4/1	FEH: 100 years: +40 %: 15 mins: Summer	7.415	5.840	5.920	0.080	34.5	0.091	0.000	34.1	14.928	OK
MH1/14	FEH: 100 years: +40 %: 30 mins: Summer	7.050	4.057	4.770	0.713	423.3	1.815	0.000	419.6	390.013	Surcharged
MH5/3	FEH: 100 years: +40 %: 15 mins: Summer	7.626	5.976	6.194	0.218	73.5	0.247	0.000	69.1	34.237	OK
MH5/4	FEH: 100 years: +40 %: 15 mins: Summer	7.322	5.625	5.835	0.210	88.3	0.238	0.000	86.0	42.166	OK
MH5/1	FEH: 100 years: +40 %: 15 mins: Summer	7.950	6.375	6.565	0.190	39.7	0.215	0.000	37.5	17.308	OK
MH1/16	FEH: 100 years: +40 %: 30 mins: Summer	6.960	3.957	4.570	0.613	494.9	1.559	0.000	489.2	458.839	OK
MH5/2	FEH: 100 years: +40 %: 15 mins: Summer	7.880	6.157	6.337	0.180	44.4	0.203	0.000	41.6	20.291	OK
MH1/17	FEH: 100 years: +40 %: 30 mins: Summer	6.661	3.896	4.376	0.480	507.9	1.221	0.000	499.5	473.902	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Stormwater Controls Summary Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. DS Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Pond	FEH: 2 years: +0 %: 960 mins: Winter	3.923	3.923	0.123	0.123	18.2	337.126	0.000	162.103	0.0	0.000	95.971	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Stormwater Controls Summary Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. DS Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Pond	FEH: 30 years: +0 %: 2160 mins: Winter	4.039	4.039	0.239	0.239	16.5	663.792	0.000	373.684	0.0	0.000	92.067	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
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	Report Details: Type: Stormwater Controls Summary Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. DS Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Pond	FEH: 30 years: +40 %: 2160 mins: Winter	4.152	4.152	0.352	0.352	23.1	991.074	0.000	375.977	0.0	0.000	88.156	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
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Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





FEH: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. DS Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Pond	FEH: 100 years: +0 %: 2160 mins: Winter	4.109	4.109	0.309	0.309	20.6	866.912	0.000	375.268	0.0	0.000	89.640	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
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	Report Details: Type: Stormwater Controls Summary Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





FEH: 100 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. DS Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Pond	FEH: 100 years: +40 %: 2160 mins: Winter	4.248	4.248	0.448	0.448	28.6	1273.377	0.000	377.144	0.0	0.000	84.782	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
Report Details: Type: Connections Summary Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY		





FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
1.002	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH1/1	MH1/2	8.765	7.171	0.085	6.960	1.1	0.27	15.3	OK
1.003	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH1/2	MH1/3	8.178	6.592	0.085	7.884	1.2	0.29	16.0	OK
1.004	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH1/3	MH1/4	8.017	6.353	0.102	11.015	1.1	0.18	22.2	OK
1.005	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH1/4	MH1/5	7.540	5.852	0.120	15.275	1.1	0.25	30.1	OK
1.006	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH1/5	MH1/6	7.465	5.749	0.125	19.539	1.4	0.32	38.1	OK
1.007	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH1/6	MH1/7	7.015	5.327	0.120	20.739	1.5	0.31	38.4	OK
1.008	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH1/7	MH1/8	6.829	5.149	0.161	21.946	0.9	0.33	39.5	OK
1.009	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH1/8	MH1/9	6.700	5.080	0.156	23.602	0.9	0.31	40.2	OK
1.010	FEH: 2 years: +0 %: 30 mins: Summer	Pipe	MH1/9	MH1/10	6.742	4.982	0.147	33.824	1.0	0.32	39.2	OK
1.011	FEH: 2 years: +0 %: 30 mins: Summer	Pipe	MH1/10	MH1/11	6.686	4.804	0.165	35.800	0.8	0.25	41.5	OK
1.012	FEH: 2 years: +0 %: 30 mins: Summer	Pipe	MH1/11	MH1/12	6.700	4.745	0.152	36.747	0.9	0.26	42.6	OK
2.000	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH2/1	MH2/2	8.360	6.597	0.078	5.215	0.8	0.25	10.3	OK
3.001	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH3/2	MH2/3	8.640	6.854	0.071	9.497	1.6	0.12	19.8	OK
3.000	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH3/1	MH3/2	8.669	7.066	0.070	3.800	0.8	0.2	8.1	OK
2.001	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH2/2	MH2/3	9.088	6.214	0.100	10.876	1.0	0.23	19.8	OK
1.017	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH1/16	MH1/17	6.960	4.234	0.262	83.700	1.0	0.34	130.3	OK
5.001	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH5/2	MH5/3	7.880	6.231	0.072	5.121	0.9	0.21	10.3	OK
5.000	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH5/1	MH5/2	7.950	6.452	0.076	4.382	0.8	0.24	9.5	OK
5.002	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH5/3	MH5/4	7.626	6.065	0.117	8.659	0.7	0.19	16.9	OK
1.018	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH1/17	Pond	6.661	4.142	0.156	86.000	2.2	0.34	137.7	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations				Date: 19/06/2026								
				Designed by: GG				Checked by: BM			Approved By: PK	
Report Details: Type: Connections Summary Storm Phase: 26_008 Network_2				Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY								

4.000	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH4/1	MH1/14	7.415	5.880	0.040	3.805	1.8	0.07	8.5	OK
1.014	FEH: 2 years: +0 %: 30 mins: Summer	Pipe	MH1/13	MH1/14	7.865	4.410	0.249	88.723	0.8	0.23	99.7	OK
6.001	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH6/2	MH1/15	6.520	4.648	0.092	6.737	0.9	0.34	13.5	OK
1.016	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH1/15	MH1/16	6.791	4.288	0.282	80.289	0.9	0.31	121.9	OK
1.015	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH1/14	MH1/15	7.050	4.328	0.278	71.744	0.8	0.25	108.4	OK
6.000	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH6/1	MH6/2	6.160	4.765	0.081	3.526	0.6	0.19	7.7	OK
2.002	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH2/3	MH1/13	8.204	5.690	0.086	24.728	2.2	0.08	47.6	OK
1.013	FEH: 2 years: +0 %: 30 mins: Summer	Pipe	MH1/12	MH1/13	6.779	4.654	0.169	49.988	1.0	0.23	57.6	OK
5.003	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH5/4	Pond	7.322	5.770	0.055	10.293	3.3	0.08	20.4	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
Report Details: Type: Connections Summary Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY		





FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
1.002	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH1/1	MH1/2	8.765	7.221	0.140	15.593	1.3	0.61	34.5	OK
1.003	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH1/2	MH1/3	8.178	6.651	0.140	17.698	1.4	0.66	36.5	OK
1.004	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH1/3	MH1/4	8.017	6.404	0.171	24.717	1.2	0.41	50.8	OK
1.005	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH1/4	MH1/5	7.540	5.940	0.207	34.303	1.3	0.58	68.7	OK
1.006	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH1/5	MH1/6	7.465	5.836	0.218	43.879	1.6	0.73	87.0	OK
1.007	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH1/6	MH1/7	7.015	5.426	0.218	46.555	1.6	0.71	88.4	OK
1.008	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH1/7	MH1/8	6.829	5.271	0.280	49.303	1.0	0.76	90.9	OK
1.009	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH1/8	MH1/9	6.700	5.196	0.269	53.077	1.1	0.73	93.6	OK
1.010	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH1/9	MH1/10	6.742	5.094	0.244	57.640	1.2	0.75	93.1	OK
1.011	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH1/10	MH1/11	6.686	4.912	0.264	60.974	1.0	0.59	96.4	OK
1.012	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	MH1/11	MH1/12	6.700	4.837	0.236	83.908	1.1	0.6	97.1	OK
2.000	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH2/1	MH2/2	8.360	6.647	0.126	11.713	1.0	0.59	23.7	OK
3.001	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH3/2	MH2/3	8.640	6.894	0.109	21.320	1.9	0.27	45.2	OK
3.000	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH3/1	MH3/2	8.669	7.108	0.110	8.531	0.9	0.46	18.4	OK
2.001	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH2/2	MH2/3	9.088	6.280	0.162	24.459	1.2	0.55	46.5	OK
1.017	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH1/16	MH1/17	6.960	4.380	0.390	190.570	1.3	0.73	282.3	OK
5.001	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH5/2	MH5/3	7.880	6.277	0.115	11.505	1.2	0.48	23.6	OK
5.000	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH5/1	MH5/2	7.950	6.499	0.122	9.822	1.0	0.54	21.4	OK
5.002	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH5/3	MH5/4	7.626	6.119	0.160	19.414	1.0	0.45	38.8	OK
1.018	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH1/17	Pond	6.661	4.253	0.235	196.576	2.7	0.73	297.9	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations				Date: 19/06/2026							
				Designed by: GG		Checked by: BM					
Report Details: Type: Connections Summary Storm Phase: 26_008 Network_2				Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY							

4.000	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH4/1	MH1/14	7.415	5.901	0.060	8.514	2.2	0.15	19.1	OK
1.014	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	MH1/13	MH1/14	7.865	4.586	0.432	202.146	0.9	0.54	228.2	OK
6.001	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH6/2	MH1/15	6.520	4.714	0.153	15.122	1.1	0.77	30.8	OK
1.016	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	MH1/15	MH1/16	6.791	4.460	0.443	245.159	1.1	0.7	271.5	OK
1.015	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	MH1/14	MH1/15	7.050	4.510	0.456	218.333	0.9	0.57	243.0	OK
6.000	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH6/1	MH6/2	6.160	4.802	0.132	7.899	0.7	0.44	17.5	OK
2.002	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH2/3	MH1/13	8.204	5.740	0.141	55.125	2.7	0.19	113.5	OK
1.013	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	MH1/12	MH1/13	6.779	4.758	0.309	114.005	1.0	0.54	131.6	OK
5.003	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH5/4	Pond	7.322	5.802	0.086	23.703	3.4	0.2	48.3	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
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Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
1.002	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH1/1	MH1/2	8.765	7.260	0.183	21.817	1.4	0.86	48.3	OK
1.003	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH1/2	MH1/3	8.178	6.698	0.182	24.777	1.5	0.92	50.8	OK
1.004	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH1/3	MH1/4	8.017	6.431	0.240	34.541	1.2	0.58	71.8	OK
1.005	FEH: 30 years: +40 %: 15 mins: Winter	Pipe	MH1/4	MH1/5	7.540	6.004	0.280	48.065	1.3	0.76	90.2	OK
1.006	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH1/5	MH1/6	7.465	5.968	0.300	61.403	1.5	0.92	109.3	Surcharged
1.007	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH1/6	MH1/7	7.015	5.559	0.300	65.252	1.6	0.92	114.6	Surcharged
1.008	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH1/7	MH1/8	6.829	5.384	0.375	69.146	1.1	1	119.4	Surcharged
1.009	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH1/8	MH1/9	6.700	5.291	0.359	74.462	1.2	0.98	126.5	OK
1.010	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH1/9	MH1/10	6.742	5.180	0.310	80.389	1.3	1.06	131.7	OK
1.011	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH1/10	MH1/11	6.686	4.982	0.338	85.158	1.1	0.82	133.3	OK
1.012	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH1/11	MH1/12	6.700	4.912	0.309	87.349	1.2	0.82	133.7	OK
2.000	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH2/1	MH2/2	8.360	6.683	0.159	16.407	1.1	0.82	33.1	OK
3.001	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH3/2	MH2/3	8.640	6.919	0.132	29.864	2.1	0.39	63.7	OK
3.000	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH3/1	MH3/2	8.669	7.136	0.136	11.948	1.0	0.65	25.8	OK
2.001	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH2/2	MH2/3	9.088	6.324	0.204	34.275	1.3	0.77	65.5	OK
1.017	FEH: 30 years: +40 %: 30 mins: Summer	Pipe	MH1/16	MH1/17	6.960	4.480	0.474	360.553	1.5	1.01	391.9	OK
5.001	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH5/2	MH5/3	7.880	6.308	0.143	16.113	1.2	0.67	33.2	OK
5.000	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH5/1	MH5/2	7.950	6.531	0.154	13.748	1.0	0.75	30.1	OK
5.002	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH5/3	MH5/4	7.626	6.159	0.189	27.188	1.2	0.63	54.8	OK
1.018	FEH: 30 years: +40 %: 30 mins: Summer	Pipe	MH1/17	Pond	6.661	4.320	0.276	372.920	2.9	0.99	403.3	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations				Date: 19/06/2026								
				Designed by: GG				Checked by: BM			Approved By: PK	
Report Details: Type: Connections Summary Storm Phase: 26_008 Network_2				Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY								

4.000	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH4/1	MH1/14	7.415	5.914	0.072	11.862	2.4	0.22	26.8	OK
1.014	FEH: 30 years: +40 %: 30 mins: Summer	Pipe	MH1/13	MH1/14	7.865	4.716	0.559	283.683	1.0	0.74	313.4	OK
6.001	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH6/2	MH1/15	6.520	4.776	0.197	20.677	1.1	1.05	42.1	OK
1.016	FEH: 30 years: +40 %: 30 mins: Summer	Pipe	MH1/15	MH1/16	6.791	4.572	0.547	344.018	1.2	0.97	375.7	OK
1.015	FEH: 30 years: +40 %: 30 mins: Summer	Pipe	MH1/14	MH1/15	7.050	4.633	0.573	306.457	1.0	0.78	335.2	OK
6.000	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH6/1	MH6/2	6.160	4.828	0.176	11.060	0.7	0.61	24.3	OK
2.002	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH2/3	MH1/13	8.204	5.760	0.209	77.335	2.2	0.26	159.3	OK
1.013	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH1/12	MH1/13	6.779	4.842	0.404	119.246	1.1	0.74	181.1	OK
5.003	FEH: 30 years: +40 %: 15 mins: Summer	Pipe	MH5/4	Pond	7.322	5.820	0.103	33.391	3.4	0.28	68.2	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
Report Details: Type: Connections Summary Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY		





FEH: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
1.002	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH1/1	MH1/2	8.765	7.245	0.166	19.610	1.4	0.77	43.4	OK
1.003	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH1/2	MH1/3	8.178	6.680	0.166	22.262	1.5	0.83	45.9	OK
1.004	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH1/3	MH1/4	8.017	6.423	0.205	31.088	1.3	0.53	65.0	OK
1.005	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH1/4	MH1/5	7.540	5.988	0.256	43.171	1.3	0.73	86.6	OK
1.006	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH1/5	MH1/6	7.465	5.886	0.279	55.163	1.6	0.92	109.9	OK
1.007	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH1/6	MH1/7	7.015	5.500	0.287	58.600	1.6	0.87	109.6	OK
1.008	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH1/7	MH1/8	6.829	5.334	0.340	62.086	1.1	0.94	112.3	OK
1.009	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH1/8	MH1/9	6.700	5.253	0.323	66.855	1.2	0.9	116.4	OK
1.010	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH1/9	MH1/10	6.742	5.145	0.284	72.241	1.3	0.95	117.7	OK
1.011	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH1/10	MH1/11	6.686	4.959	0.309	76.546	1.1	0.75	122.2	OK
1.012	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	MH1/11	MH1/12	6.700	4.884	0.280	106.706	1.2	0.76	122.7	OK
2.000	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH2/1	MH2/2	8.360	6.670	0.148	14.741	1.1	0.74	29.8	OK
3.001	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH3/2	MH2/3	8.640	6.910	0.124	26.828	2.1	0.35	57.1	OK
3.000	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH3/1	MH3/2	8.669	7.126	0.127	10.735	1.0	0.58	23.2	OK
2.001	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH2/2	MH2/3	9.088	6.308	0.189	30.788	1.3	0.69	58.8	OK
1.017	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	MH1/16	MH1/17	6.960	4.450	0.449	327.410	1.4	0.92	357.7	OK
5.001	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH5/2	MH5/3	7.880	6.297	0.133	14.473	1.2	0.61	29.8	OK
5.000	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH5/1	MH5/2	7.950	6.520	0.142	12.355	1.0	0.68	27.0	OK
5.002	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH5/3	MH5/4	7.626	6.145	0.179	24.424	1.1	0.56	49.1	OK
1.018	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	MH1/17	Pond	6.661	4.300	0.262	338.822	2.9	0.91	367.8	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Connections Summary Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



4.000	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH4/1	MH1/14	7.415	5.909	0.068	10.664	2.4	0.19	24.1	OK
1.014	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	MH1/13	MH1/14	7.865	4.674	0.518	257.685	1.0	0.68	287.1	OK
6.001	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH6/2	MH1/15	6.520	4.749	0.180	18.637	1.1	0.96	38.5	OK
1.016	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	MH1/15	MH1/16	6.791	4.537	0.514	312.408	1.2	0.89	343.2	OK
1.015	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	MH1/14	MH1/15	7.050	4.593	0.536	278.311	1.0	0.72	306.9	OK
6.000	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH6/1	MH6/2	6.160	4.817	0.157	9.938	0.7	0.55	22.0	OK
2.002	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH2/3	MH1/13	8.204	5.753	0.184	69.446	2.3	0.23	143.1	OK
1.013	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	MH1/12	MH1/13	6.779	4.813	0.381	144.787	1.0	0.67	164.9	OK
5.003	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH5/4	Pond	7.322	5.814	0.098	29.946	3.4	0.25	61.0	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
Report Details: Type: Connections Summary Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY		





FEH: 100 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
1.002	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH1/1	MH1/2	8.765	7.434	0.225	27.304	1.4	0.97	54.9	Surcharged
1.003	FEH: 100 years: +40 %: 15 mins: Winter	Pipe	MH1/2	MH1/3	8.178	6.784	0.225	31.162	1.4	1.03	57.4	Surcharged
1.004	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH1/3	MH1/4	8.017	6.714	0.300	43.629	1.0	0.53	65.5	Surcharged
1.005	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH1/4	MH1/5	7.540	6.493	0.300	60.678	1.3	0.8	94.8	Surcharged
1.006	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH1/5	MH1/6	7.465	6.374	0.300	77.481	1.8	1.06	126.1	Surcharged
1.007	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH1/6	MH1/7	7.015	5.821	0.300	82.358	1.9	1.06	132.9	Surcharged
1.008	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH1/7	MH1/8	6.829	5.578	0.375	87.293	1.2	1.15	137.3	Surcharged
1.009	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH1/8	MH1/9	6.700	5.461	0.375	94.012	1.3	1.13	145.1	Surcharged
1.010	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH1/9	MH1/10	6.742	5.306	0.375	101.577	1.4	1.26	155.8	Surcharged
1.011	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH1/10	MH1/11	6.686	5.095	0.448	107.655	1.1	0.99	160.8	Surcharged
1.012	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH1/11	MH1/12	6.700	5.020	0.421	110.566	1.1	1.03	167.1	OK
2.000	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH2/1	MH2/2	8.360	6.736	0.200	20.349	1.1	1.04	42.2	OK
3.001	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH3/2	MH2/3	8.640	6.939	0.151	37.606	2.2	0.49	80.1	OK
3.000	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH3/1	MH3/2	8.669	7.162	0.159	15.048	1.1	0.81	32.4	OK
2.001	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH2/2	MH2/3	9.088	6.367	0.238	43.062	1.3	0.95	80.5	OK
1.017	FEH: 100 years: +40 %: 30 mins: Summer	Pipe	MH1/16	MH1/17	6.960	4.570	0.546	458.839	1.6	1.26	489.2	OK
5.001	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH5/2	MH5/3	7.880	6.337	0.169	20.291	1.3	0.85	41.6	OK
5.000	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH5/1	MH5/2	7.950	6.565	0.185	17.308	1.1	0.94	37.5	OK
5.002	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH5/3	MH5/4	7.626	6.194	0.214	34.237	1.3	0.79	69.1	OK
1.018	FEH: 100 years: +40 %: 30 mins: Summer	Pipe	MH1/17	Pond	6.661	4.376	0.313	473.902	3.1	1.23	499.5	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations				Date: 19/06/2026								
				Designed by: GG			Checked by: BM			Approved By: PK		
Report Details: Type: Connections Summary Storm Phase: 26_008 Network_2				Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY								

4.000	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH4/1	MH1/14	7.415	5.920	0.127	14.928	1.7	0.27	34.1	OK
1.014	FEH: 100 years: +40 %: 30 mins: Summer	Pipe	MH1/13	MH1/14	7.865	4.900	0.675	360.920	1.1	0.92	389.3	Surcharged
6.001	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH6/2	MH1/15	6.520	4.910	0.225	26.112	1.3	1.25	50.0	Surcharged
1.016	FEH: 100 years: +40 %: 30 mins: Summer	Pipe	MH1/15	MH1/16	6.791	4.682	0.646	437.841	1.3	1.21	470.3	Surcharged
1.015	FEH: 100 years: +40 %: 30 mins: Summer	Pipe	MH1/14	MH1/15	7.050	4.770	0.675	390.013	1.2	0.98	419.6	Surcharged
6.000	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH6/1	MH6/2	6.160	4.995	0.225	13.932	0.7	0.67	26.7	Surcharged
2.002	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH2/3	MH1/13	8.204	5.780	0.277	97.277	2.1	0.32	198.3	OK
1.013	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH1/12	MH1/13	6.779	4.960	0.507	150.919	1.0	0.87	213.5	OK
5.003	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	MH5/4	Pond	7.322	5.835	0.116	42.166	3.5	0.35	86.0	OK

26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Phase Management Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



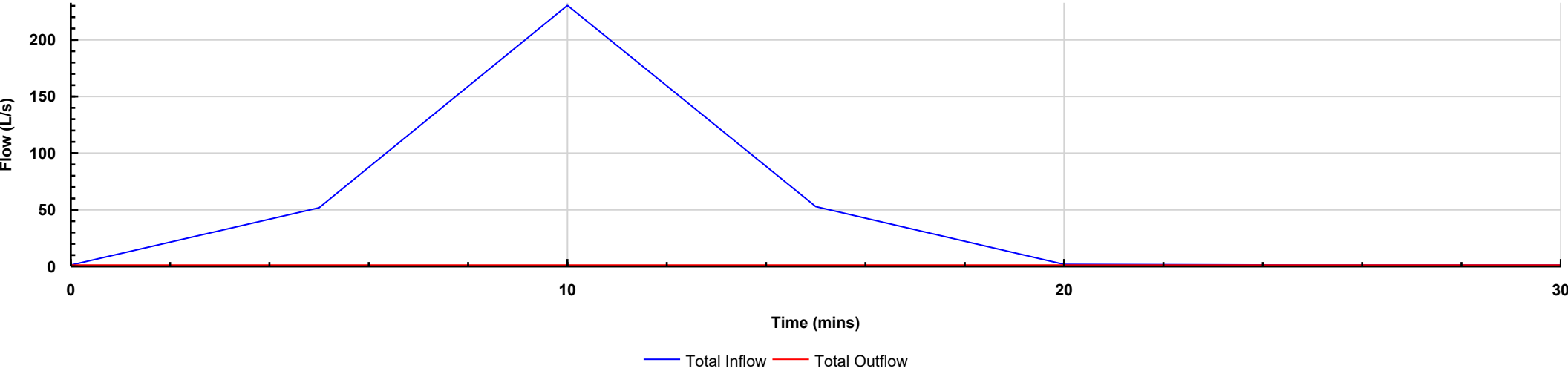
26_008 Network_2
FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
TOTAL	230.4	100.393	0.0	0.000

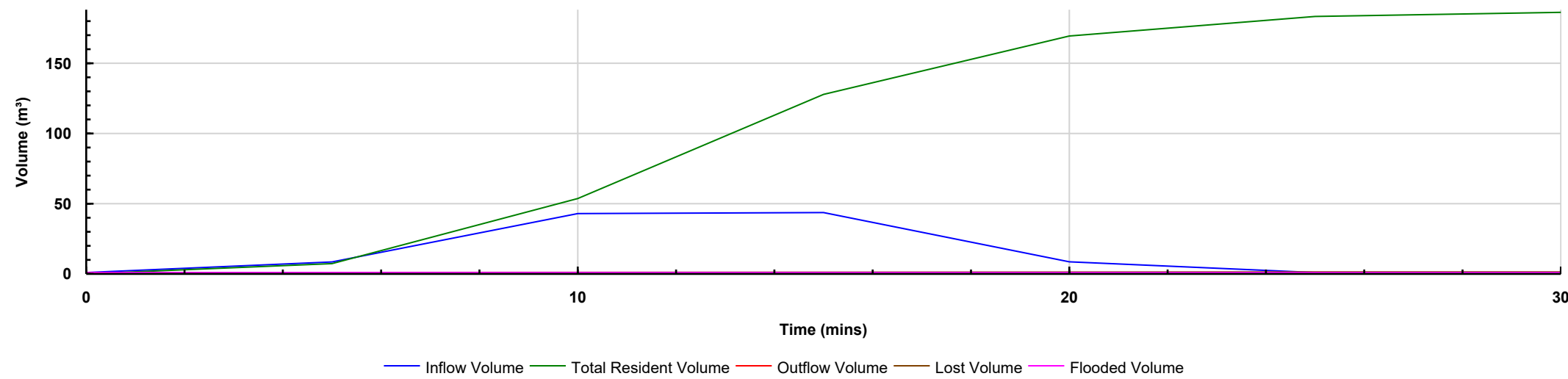
Graphs

Flow Graph



26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
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			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	

Volume Graph



26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Phase Management Storm Phase: 26_008 Network_2		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



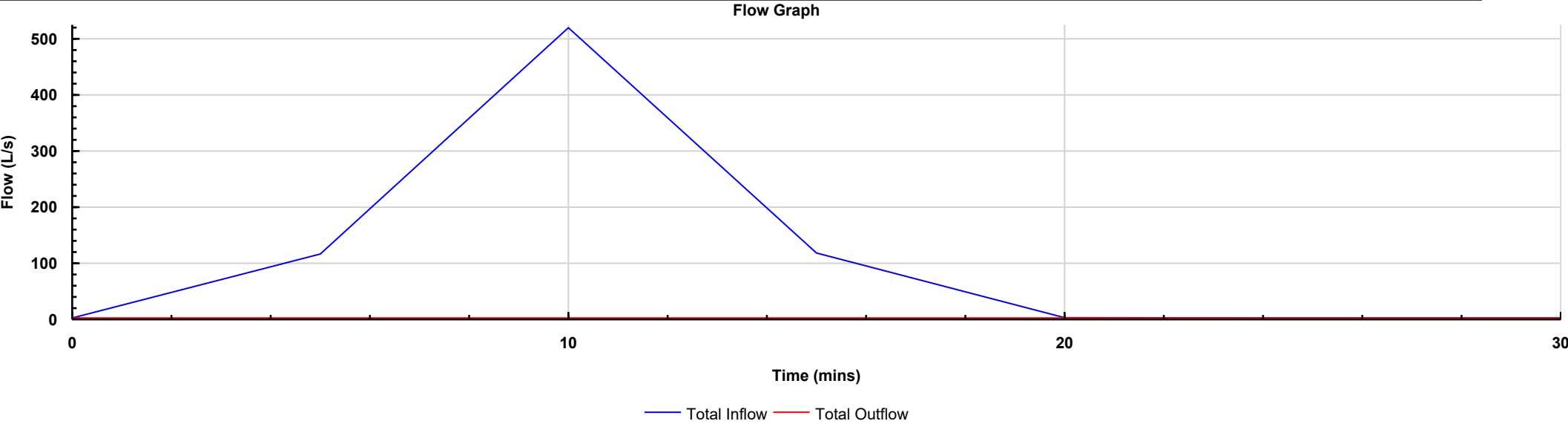


26_008 Network_2
FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Summer

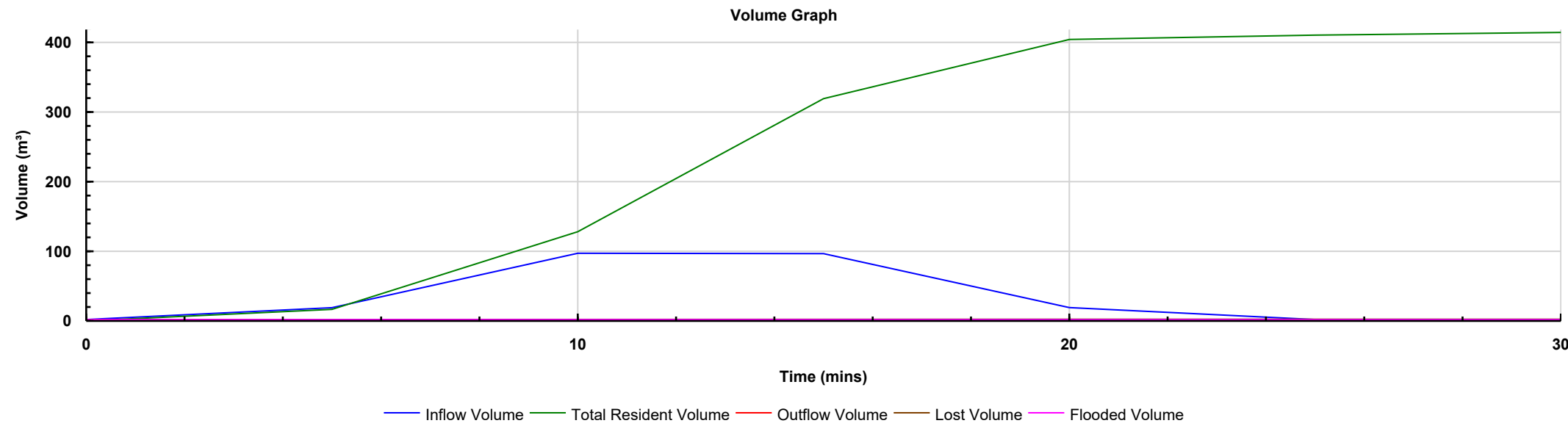
Tables

Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
TOTAL	519.8	225.097	0.0	0.000

Graphs



26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
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		Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY		



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Report Details: Type: Phase Management Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

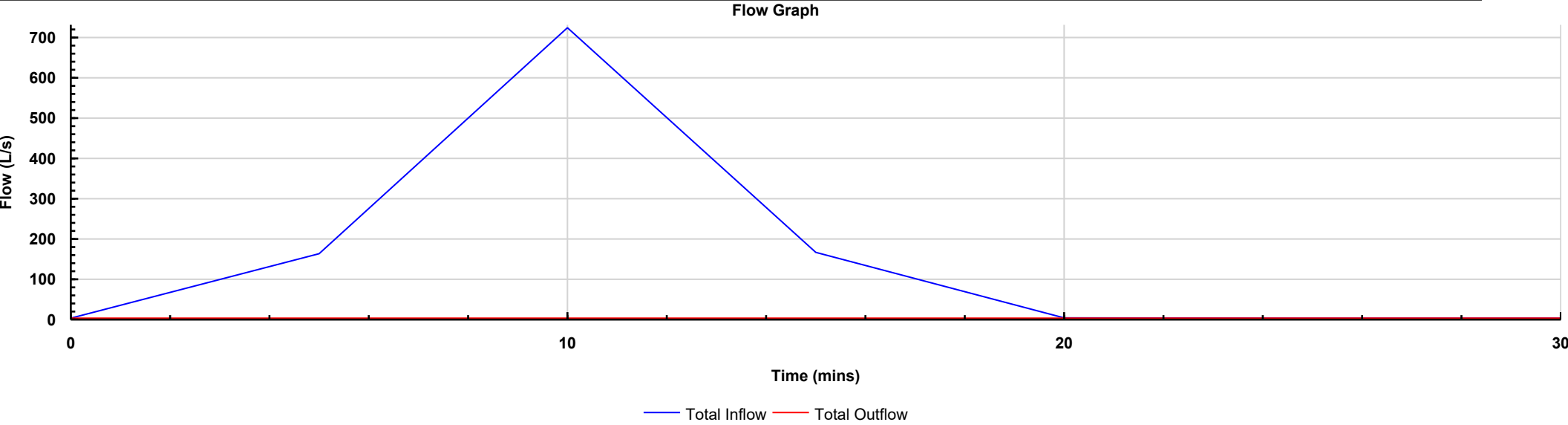


26_008 Network_2
FEH: 30 years: Increase Rainfall (%): +40: 15 mins: Summer

Tables

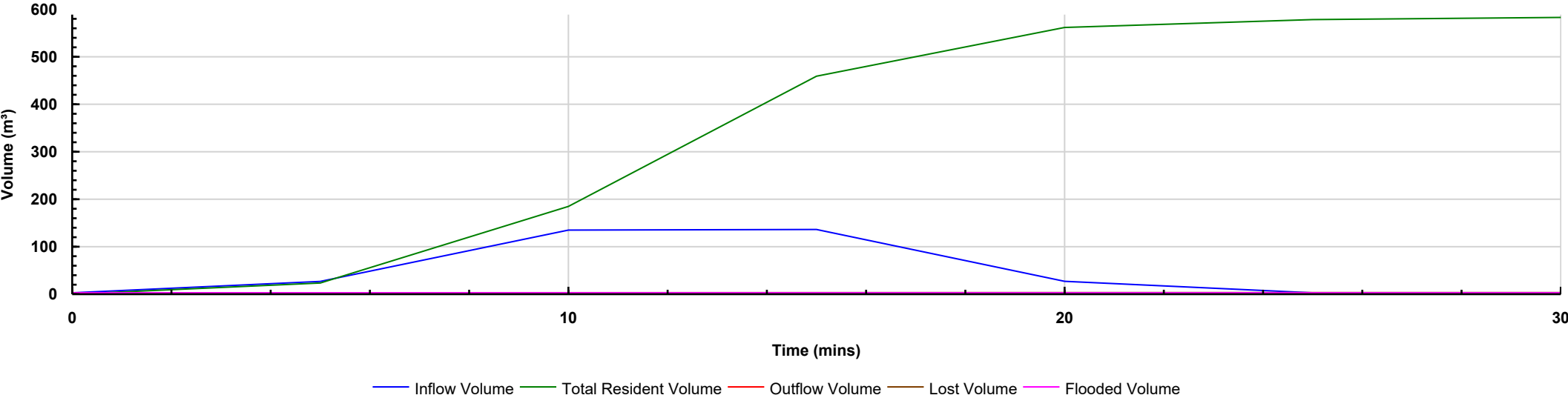
Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
TOTAL	724.2	315.153	0.0	0.000

Graphs



26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
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	Report Details: Type: Phase Management Storm Phase: 26_008 Network_2			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	

Volume Graph



26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Phase Management Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

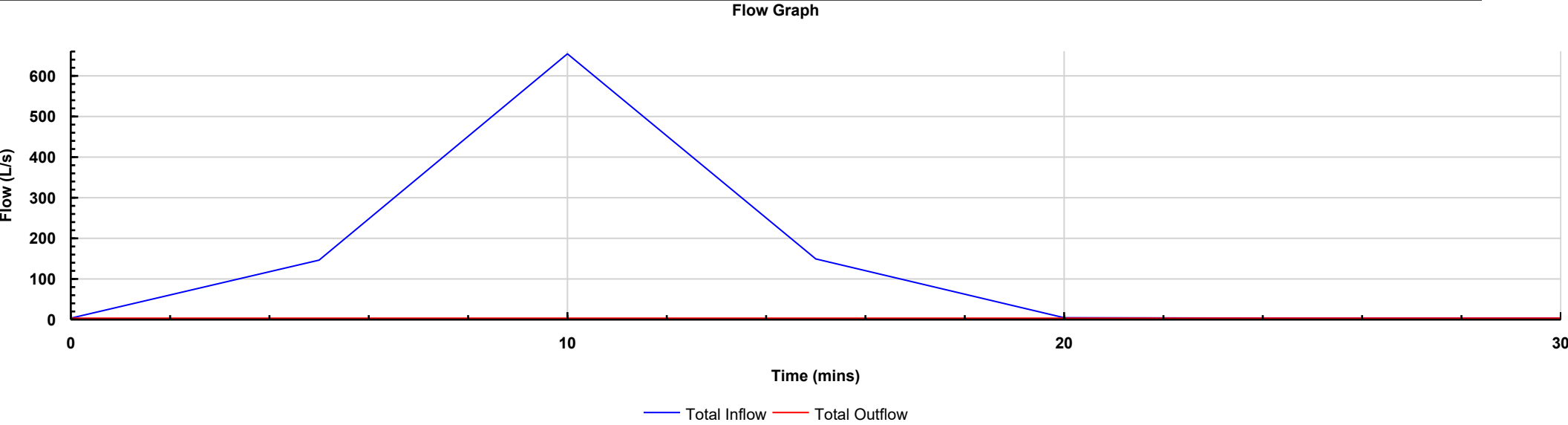


26_008 Network_2
FEH: 100 years: Increase Rainfall (%): +0: 15 mins: Summer

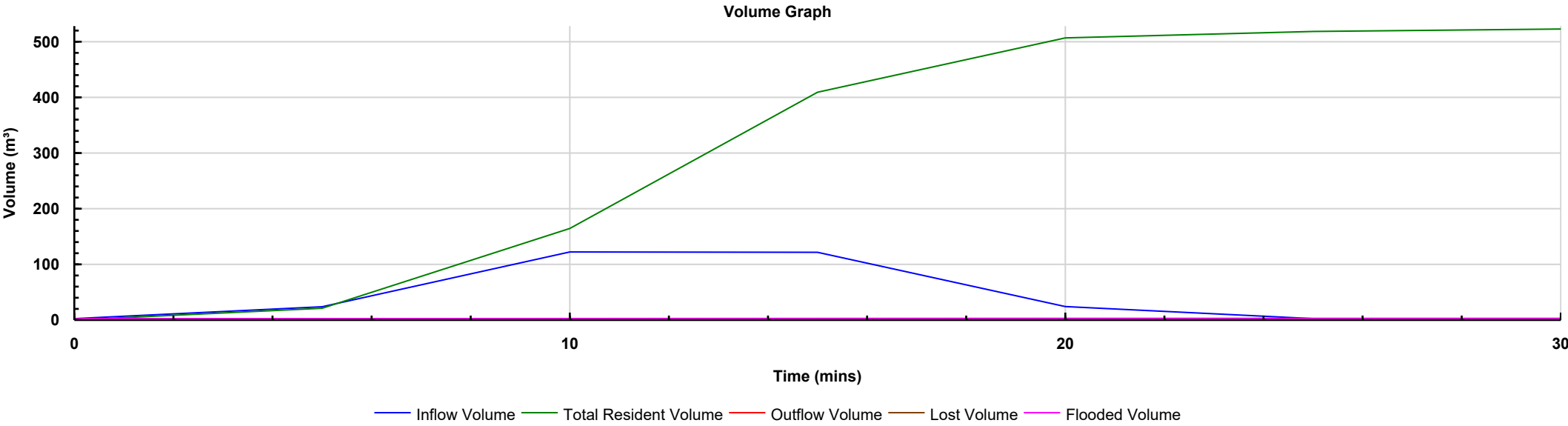
Tables

Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
TOTAL	654.3	283.188	0.0	0.000

Graphs



26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
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	Report Details: Type: Phase Management Storm Phase: 26_008 Network_2			
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	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Phase Management Storm Phase: 26_008 Network_2	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



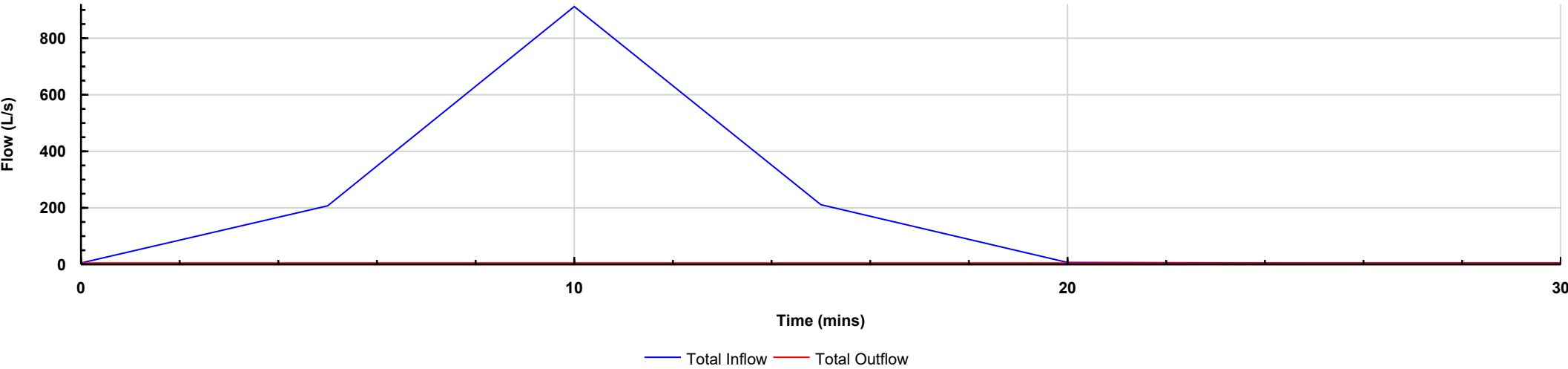
26_008 Network_2
FEH: 100 years: Increase Rainfall (%): +40: 15 mins: Summer

Tables

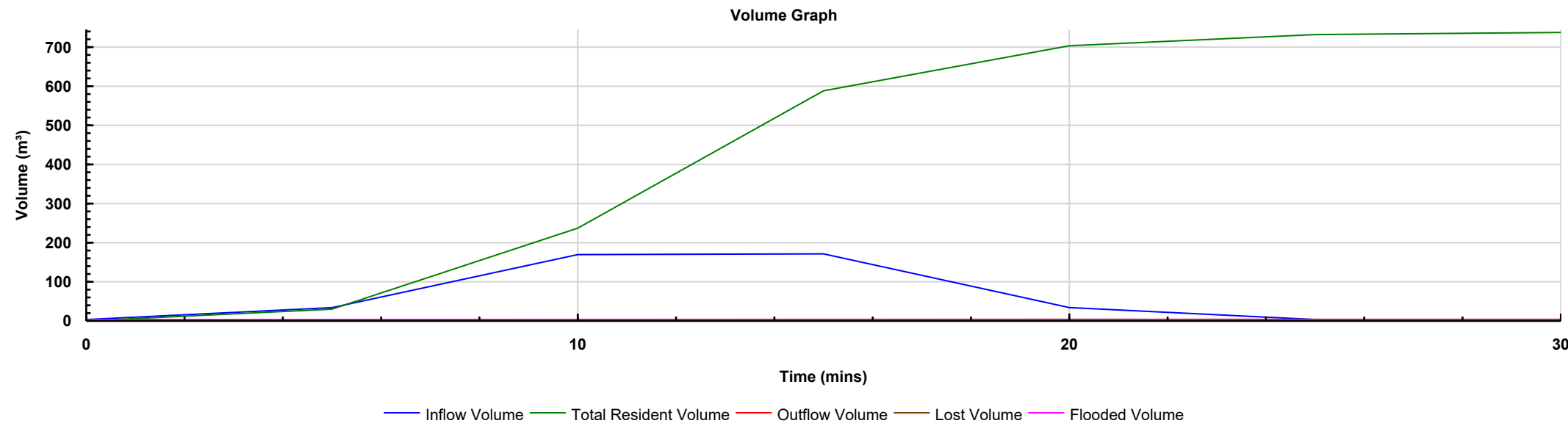
Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
TOTAL	911.9	396.842	0.0	0.000

Graphs

Flow Graph



26-008: West Sompting, Phase 3 Network 2 - Surface Water Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Phase Management Storm Phase: 26_008 Network_2			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	



26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Inflows Storm Phase: 26-008 SA Network		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





Catchment Area

Type : Catchment Area

Area (ha)	0.016
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (1)

Type : Catchment Area

Area (ha)	0.047
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26-008 SA Network	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (2)

Type : Catchment Area

Area (ha)	0.019
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (3)

Type : Catchment Area

Area (ha)	0.039
-----------	-------

Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26-008 SA Network	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (4)

Type : Catchment Area

Area (ha)	0.065
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (5)

Type : Catchment Area

Area (ha)	0.01
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Inflows Storm Phase: 26-008 SA Network			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	



Catchment Area (6)

Type : Catchment Area

Area (ha)	0.004
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (7)

Type : Catchment Area

Area (ha)	0.004
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Inflows Storm Phase: 26-008 SA Network		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





Catchment Area (8)

Type : Catchment Area

Area (ha)	0.009
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (9)

Type : Catchment Area

Area (ha)	0.023
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26-008 SA Network	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (10)

Type : Catchment Area

Area (ha)	0.021
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (11)

Type : Catchment Area

Area (ha)	0.033
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26-008 SA Network	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (12)

Type : Catchment Area

Area (ha)	0.108
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (16)

Type : Catchment Area

Area (ha)	0.01
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Inflows Storm Phase: 26-008 SA Network	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Catchment Area (14)

Type : Catchment Area

Area (ha)	0.009
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (15)

Type : Catchment Area

Area (ha)	0.01
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Inflows Storm Phase: 26-008 SA Network			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	



Catchment Area (13)

Type : Catchment Area

Area (ha)	0.02
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (17)

Type : Catchment Area

Area (ha)	0.009
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Inflows Storm Phase: 26-008 SA Network			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	



Catchment Area (18)

Type : Catchment Area

Area (ha)	0.009
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (19)

Type : Catchment Area

Area (ha)	0.021
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Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Inflows Storm Phase: 26-008 SA Network		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





Catchment Area (20)

Type : Catchment Area

Area (ha)	0.02
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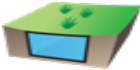
Preliminary Sizing

Volumetric Runoff Coefficient	1.000
Percentage Impervious (%)	100
Time of Concentration (mins)	5

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Stormwater Controls Storm Phase: 26-008 SA Network			
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY				



IA4 Tank

Type : Tank

Dimensions

Exceedance Level (m)	8.060
Depth (m)	2.500
Base Level (m)	5.560
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	0.00
Total Volume (m³)	380.900

Depth (m)		Area (m²)	Volume (m³)
0.000		250.00	0.000
1.600		250.00	380.000

Inlets

Inlet

Inlet Type	Point Inflow
Incoming Item(s)	Catchment Area (12)
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (1)

Inlet Type	Point Inflow
Incoming Item(s)	Catchment Area (10)
	Catchment Area (9)
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (2)

Inlet Type	Point Inflow
Incoming Item(s)	Catchment Area (11)
Bypass Destination	(None)
Capacity Type	No Restriction

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Stormwater Controls Storm Phase: 26-008 SA Network			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	

Advanced	
Side Infiltration Rate (m/hr)	0.0396
Safety Factor	2.0
Perimeter	Rectangular
Length (m)	23.220

26-008:
West Sompting, Phase 3
Soakaway & Permeable Paving Calculations

Report Details:
Type: Stormwater Controls
Storm Phase: 26-008 SA Network

Date:
19/06/2026

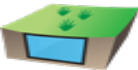
Designed by:
GG

Milestone Transport Planning Ltd:
7 Ancells Court, Rye Close,
Fleet, Hampshire,
GU51 2UY

Checked by:
BM

Approved By:
PK





IA1 Tank

Type : Tank

Dimensions

Exceedance Level (m)	8.240
Depth (m)	2.400
Base Level (m)	5.840
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	0.00
Total Volume (m³)	487.200

Depth (m)	Area (m²)	Volume (m³)
0.000	320.00	0.000
1.600	320.00	486.400

Inlets

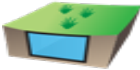
Inlet

Inlet Type	Point Inflow
Incoming Item(s)	Catchment Area (4)
	Catchment Area
	Catchment Area (5)
	Catchment Area (3)
	Catchment Area (6)
	Catchment Area (2)
	Catchment Area (7)
	Catchment Area (1)
	Catchment Area (8)
Bypass Destination	(None)
Capacity Type	No Restriction

Advanced

Side Infiltration Rate (m/hr)	0.036
Safety Factor	2.0
Perimeter	Rectangular
Length (m)	34.468

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Stormwater Controls Storm Phase: 26-008 SA Network			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	



SA3/1

Type : Tank

Dimensions

Exceedance Level (m)	7.690
Depth (m)	2.800
Base Level (m)	4.890
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	0.00
Total Volume (m³)	12.200

Depth (m)	Area (m²)	Volume (m³)
0.000	6.00	0.000
2.000	6.00	11.400

Inlets

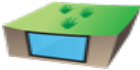
Inlet

Inlet Type	Point Inflow
Incoming Item(s)	Catchment Area (18)
Bypass Destination	(None)
Capacity Type	No Restriction

Advanced

Side Infiltration Rate (m/hr)	0.0396
Safety Factor	2.0
Perimeter	Rectangular
Length (m)	2.000

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Stormwater Controls Storm Phase: 26-008 SA Network			
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY				



SA4/1

Type : Tank

Dimensions

Exceedance Level (m)	8.080
Depth (m)	2.800
Base Level (m)	5.280
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	0.00
Total Volume (m³)	19.800

Depth (m)	Area (m²)	Volume (m³)
0.000	10.00	0.000
2.000	10.00	19.000

Inlets

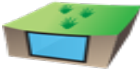
Inlet

Inlet Type	Point Inflow
Incoming Item(s)	Catchment Area (17)
Bypass Destination	(None)
Capacity Type	No Restriction

Advanced

Side Infiltration Rate (m/hr)	0.005
Safety Factor	2.0
Perimeter	Rectangular
Length (m)	2.000

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Stormwater Controls Storm Phase: 26-008 SA Network			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	



SA2/1

Type : Tank

Dimensions

Exceedance Level (m)	7.340
Depth (m)	2.300
Base Level (m)	5.040
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	0.00
Total Volume (m³)	4.006

Depth (m)	Area (m²)	Volume (m³)
0.000	2.25	0.000
1.500	2.25	3.206

Inlets

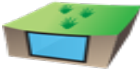
Inlet

Inlet Type	Point Inflow
Incoming Item(s)	Catchment Area (15)
Bypass Destination	(None)
Capacity Type	No Restriction

Advanced

Side Infiltration Rate (m/hr)	2.34
Safety Factor	2.0
Perimeter	Rectangular
Length (m)	1.500

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Stormwater Controls Storm Phase: 26-008 SA Network			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	



SA1/1

Type : Tank

Dimensions

Exceedance Level (m)	7.220
Depth (m)	2.800
Base Level (m)	4.420
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	0.00
Total Volume (m³)	8.400

Depth (m)	Area (m²)	Volume (m³)
0.000	4.00	0.000
2.000	4.00	7.600

Inlets

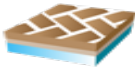
Inlet

Inlet Type	Point Inflow
Incoming Item(s)	Catchment Area (14)
Bypass Destination	(None)
Capacity Type	No Restriction

Advanced

Side Infiltration Rate (m/hr)	0.0792
Safety Factor	2.0
Perimeter	Circular
Length (m)	2.000

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Stormwater Controls Storm Phase: 26-008 SA Network			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	



PP4/1

Type : Porous Paving

Dimensions

Exceedance Level (m)	7.950
Depth (m)	0.750
Base Level (m)	7.200
Paving Layer Depth (mm)	130
Membrane Percolation (m/hr)	2.5
Porosity (%)	30
Length (m)	10.500
Long. Slope (1:X)	100.00
Width (m)	20.500
Total Volume (m³)	40.037

Inlets

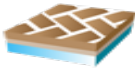
Inlet

Inlet Type	Lateral Inflow
Incoming Item(s)	Catchment Area (19)
Bypass Destination	(None)
Capacity Type	No Restriction

Advanced

Base Infiltration Rate (m/hr)	0.0061
Side Infiltration Rate (m/hr)	0.0
Safety Factor	2.0
Conductivity (m/hr)	500.0

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Details: Type: Stormwater Controls Storm Phase: 26-008 SA Network	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



PP3/1

Type : Porous Paving

Dimensions

Exceedance Level (m)	8.350
Depth (m)	0.750
Base Level (m)	7.600
Paving Layer Depth (mm)	130
Membrane Percolation (m/hr)	2.5
Porosity (%)	30
Length (m)	30.400
Long. Slope (1:X)	100.00
Width (m)	6.650
Total Volume (m³)	37.602

Inlets

Inlet

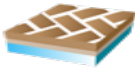
Inlet Type	Lateral Inflow
Incoming Item(s)	Catchment Area (20)
Bypass Destination	(None)
Capacity Type	No Restriction

Advanced

Base Infiltration Rate (m/hr)	0.0396
Safety Factor	2.0
Conductivity (m/hr)	500.0

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Stormwater Controls Storm Phase: 26-008 SA Network		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





PP2/1

Type : Porous Paving

Dimensions

Exceedance Level (m)	7.320
Depth (m)	0.750
Base Level (m)	6.570
Paving Layer Depth (mm)	130
Membrane Percolation (m/hr)	2.5
Porosity (%)	30
Length (m)	12.500
Long. Slope (1:X)	100.00
Width (m)	7.600
Total Volume (m³)	17.670

Inlets

Inlet

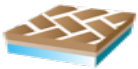
Inlet Type	Lateral Inflow
Incoming Item(s)	Catchment Area (16)
Bypass Destination	(None)
Capacity Type	No Restriction

Advanced

Base Infiltration Rate (m/hr)	2.34
Safety Factor	2.0
Conductivity (m/hr)	500.0

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Stormwater Controls Storm Phase: 26-008 SA Network		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





PP1/1

Type : Porous Paving

Dimensions

Exceedance Level (m)	7.510
Depth (m)	0.750
Base Level (m)	6.760
Paving Layer Depth (mm)	130
Membrane Percolation (m/hr)	2.5
Porosity (%)	30
Length (m)	25.500
Long. Slope (1:X)	100.00
Width (m)	7.800
Total Volume (m³)	36.995

Inlets

Inlet

Inlet Type	Lateral Inflow
Incoming Item(s)	Catchment Area (13)
Bypass Destination	(None)
Capacity Type	No Restriction

Advanced

Base Infiltration Rate (m/hr)	0.036
Safety Factor	2.0
Conductivity (m/hr)	500.0

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
	Report Details: Type: Network Design Criteria Storm Phase: 26-008 SA Network			
			Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY	

Flow Options

Peak Flow Calculation	Rational Method
Min. Time of Entry (mins)	5
Max. Travel Time (mins)	30

Pipe Options

Lock Slope Options	None
Design Options	Minimise Excavation
Design Level	Level Inverts
Min. Slope (1:X)	1000.00
Max. Slope (1:X)	40.00
Use Flow Restriction	☒
Reduce Channel Depths	☒

Manhole Options

Apply Offset	☐
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26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Title: Rainfall Analysis Criteria		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			



Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Apply Global Value
Urban Creep Global Value (%)	0
Junction Flood Risk Margin (mm)	0
Perform No Discharge Analysis	☐

Rainfall

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by: GG	Checked by: BM	Approved By: PK	
Report Title: Rainfall Analysis Criteria	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

FEH

Type: FEH

Site Location	GB 516423 104975 TQ 16423 04975		
Rainfall Version	2022		
Summer	☒	☐	☐
Winter	☒	☐	☐

Return Period

Return Period (years)	Increase Rainfall (%)
2.0	0.000
30.0	0.000
30.0	40.000
100.0	0.000
100.0	40.000

Storm Durations

Duration (mins)	Run Time (mins)
15	30
30	60
60	120
120	240
180	360
240	480
360	720
480	960
600	1200
720	1440
960	1920
1440	2880
2160	4320

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
Report Details: Type: Inflows Summary Storm Phase: 26-008 SA Network	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY		





FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area	FEH: 2 years: +0 %: 15 mins: Summer	0.02	3.5	1.563
Catchment Area (1)	FEH: 2 years: +0 %: 15 mins: Summer	0.05	9.9	4.483
Catchment Area (2)	FEH: 2 years: +0 %: 15 mins: Summer	0.02	4.0	1.782
Catchment Area (3)	FEH: 2 years: +0 %: 15 mins: Summer	0.04	8.2	3.691
Catchment Area (4)	FEH: 2 years: +0 %: 15 mins: Summer	0.06	13.7	6.188
Catchment Area (5)	FEH: 2 years: +0 %: 15 mins: Summer	0.01	2.2	0.984
Catchment Area (6)	FEH: 2 years: +0 %: 15 mins: Summer	0.00	0.8	0.369
Catchment Area (7)	FEH: 2 years: +0 %: 15 mins: Summer	0.00	0.9	0.405
Catchment Area (8)	FEH: 2 years: +0 %: 15 mins: Summer	0.01	1.9	0.861
Catchment Area (9)	FEH: 2 years: +0 %: 15 mins: Summer	0.02	4.9	2.194
Catchment Area (10)	FEH: 2 years: +0 %: 15 mins: Summer	0.02	4.5	2.011
Catchment Area (11)	FEH: 2 years: +0 %: 15 mins: Summer	0.03	7.0	3.166
Catchment Area (12)	FEH: 2 years: +0 %: 15 mins: Summer	0.11	22.9	10.332
Catchment Area (16)	FEH: 2 years: +0 %: 15 mins: Summer	0.01	2.1	0.954
Catchment Area (14)	FEH: 2 years: +0 %: 15 mins: Summer	0.01	1.9	0.858
Catchment Area (15)	FEH: 2 years: +0 %: 15 mins: Summer	0.01	2.1	0.954
Catchment Area (13)	FEH: 2 years: +0 %: 15 mins: Summer	0.02	4.2	1.909
Catchment Area (17)	FEH: 2 years: +0 %: 15 mins: Summer	0.01	1.9	0.858
Catchment Area (18)	FEH: 2 years: +0 %: 15 mins: Summer	0.01	1.9	0.858
Catchment Area (19)	FEH: 2 years: +0 %: 15 mins: Summer	0.02	4.4	2.005
Catchment Area (20)	FEH: 2 years: +0 %: 15 mins: Summer	0.02	4.2	1.909

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
Report Details: Type: Inflows Summary Storm Phase: 26-008 SA Network	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY		





FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area	FEH: 30 years: +0 %: 15 mins: Summer	0.02	7.8	3.499
Catchment Area (1)	FEH: 30 years: +0 %: 15 mins: Summer	0.05	22.3	10.041
Catchment Area (2)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	8.9	3.997
Catchment Area (3)	FEH: 30 years: +0 %: 15 mins: Summer	0.04	18.3	8.273
Catchment Area (4)	FEH: 30 years: +0 %: 15 mins: Summer	0.06	30.8	13.864
Catchment Area (5)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	4.9	2.209
Catchment Area (6)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	1.8	0.825
Catchment Area (7)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	2.0	0.897
Catchment Area (8)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	4.3	1.933
Catchment Area (9)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	10.9	4.918
Catchment Area (10)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	10.0	4.507
Catchment Area (11)	FEH: 30 years: +0 %: 15 mins: Summer	0.03	15.7	7.094
Catchment Area (12)	FEH: 30 years: +0 %: 15 mins: Summer	0.11	51.4	23.160
Catchment Area (16)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	4.7	2.143
Catchment Area (14)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	4.3	1.927
Catchment Area (15)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	4.7	2.143
Catchment Area (13)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	9.5	4.276
Catchment Area (17)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	4.3	1.927
Catchment Area (18)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	4.3	1.927
Catchment Area (19)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	10.0	4.489
Catchment Area (20)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	9.5	4.276

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
Report Details: Type: Inflows Summary Storm Phase: 26-008 SA Network	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY		





FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area	FEH: 30 years: +40 %: 15 mins: Summer	0.02	10.9	4.900
Catchment Area (1)	FEH: 30 years: +40 %: 15 mins: Summer	0.05	31.2	14.059
Catchment Area (2)	FEH: 30 years: +40 %: 15 mins: Summer	0.02	12.4	5.597
Catchment Area (3)	FEH: 30 years: +40 %: 15 mins: Summer	0.04	25.7	11.577
Catchment Area (4)	FEH: 30 years: +40 %: 15 mins: Summer	0.06	43.1	19.409
Catchment Area (5)	FEH: 30 years: +40 %: 15 mins: Summer	0.01	6.9	3.091
Catchment Area (6)	FEH: 30 years: +40 %: 15 mins: Summer	0.00	2.6	1.158
Catchment Area (7)	FEH: 30 years: +40 %: 15 mins: Summer	0.00	2.8	1.254
Catchment Area (8)	FEH: 30 years: +40 %: 15 mins: Summer	0.01	6.0	2.701
Catchment Area (9)	FEH: 30 years: +40 %: 15 mins: Summer	0.02	15.3	6.890
Catchment Area (10)	FEH: 30 years: +40 %: 15 mins: Summer	0.02	14.0	6.305
Catchment Area (11)	FEH: 30 years: +40 %: 15 mins: Summer	0.03	22.0	9.936
Catchment Area (12)	FEH: 30 years: +40 %: 15 mins: Summer	0.11	71.9	32.427
Catchment Area (16)	FEH: 30 years: +40 %: 15 mins: Summer	0.01	6.6	2.992
Catchment Area (14)	FEH: 30 years: +40 %: 15 mins: Summer	0.01	6.0	2.695
Catchment Area (15)	FEH: 30 years: +40 %: 15 mins: Summer	0.01	6.6	2.992
Catchment Area (13)	FEH: 30 years: +40 %: 15 mins: Summer	0.02	13.3	5.990
Catchment Area (17)	FEH: 30 years: +40 %: 15 mins: Summer	0.01	6.0	2.695
Catchment Area (18)	FEH: 30 years: +40 %: 15 mins: Summer	0.01	6.0	2.695
Catchment Area (19)	FEH: 30 years: +40 %: 15 mins: Summer	0.02	13.9	6.287
Catchment Area (20)	FEH: 30 years: +40 %: 15 mins: Summer	0.02	13.3	5.990

26-008:
West Sompting, Phase 3
Soakaway & Permeable Paving Calculations

Report Details:
Type: Inflows Summary
Storm Phase: 26-008 SA Network

Date:
19/06/2026

Designed by:
GG

Checked by:
BM

Approved By:
PK

Milestone Transport Planning Ltd:
7 Ancells Court, Rye Close,
Fleet, Hampshire,
GU51 2UY





FEH: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area	FEH: 100 years: +0 %: 15 mins: Summer	0.02	9.8	4.405
Catchment Area (1)	FEH: 100 years: +0 %: 15 mins: Summer	0.05	28.0	12.633
Catchment Area (2)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	11.1	5.023
Catchment Area (3)	FEH: 100 years: +0 %: 15 mins: Summer	0.04	23.1	10.404
Catchment Area (4)	FEH: 100 years: +0 %: 15 mins: Summer	0.06	38.7	17.438
Catchment Area (5)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	6.2	2.779
Catchment Area (6)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	2.3	1.038
Catchment Area (7)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	2.5	1.131
Catchment Area (8)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	5.4	2.428
Catchment Area (9)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	13.7	6.188
Catchment Area (10)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	12.6	5.666
Catchment Area (11)	FEH: 100 years: +0 %: 15 mins: Summer	0.03	19.8	8.927
Catchment Area (12)	FEH: 100 years: +0 %: 15 mins: Summer	0.11	64.6	29.135
Catchment Area (16)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	6.0	2.692
Catchment Area (14)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	5.4	2.422
Catchment Area (15)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	6.0	2.692
Catchment Area (13)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	11.9	5.383
Catchment Area (17)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	5.4	2.422
Catchment Area (18)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	5.4	2.422
Catchment Area (19)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	12.5	5.648
Catchment Area (20)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	11.9	5.383

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Inflows Summary Storm Phase: 26-008 SA Network		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





FEH: 100 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area	FEH: 100 years: +40 %: 15 mins: Summer	0.02	13.7	6.167
Catchment Area (1)	FEH: 100 years: +40 %: 15 mins: Summer	0.05	39.2	17.687
Catchment Area (2)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	15.6	7.034
Catchment Area (3)	FEH: 100 years: +40 %: 15 mins: Summer	0.04	32.3	14.566
Catchment Area (4)	FEH: 100 years: +40 %: 15 mins: Summer	0.06	54.2	24.418
Catchment Area (5)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	8.6	3.889
Catchment Area (6)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	3.2	1.461
Catchment Area (7)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	3.5	1.581
Catchment Area (8)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	7.5	3.400
Catchment Area (9)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	19.2	8.666
Catchment Area (10)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	17.6	7.931
Catchment Area (11)	FEH: 100 years: +40 %: 15 mins: Summer	0.03	27.7	12.498
Catchment Area (12)	FEH: 100 years: +40 %: 15 mins: Summer	0.11	90.5	40.790
Catchment Area (16)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	8.4	3.766
Catchment Area (14)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	7.5	3.391
Catchment Area (15)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	8.4	3.766
Catchment Area (13)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	16.7	7.535
Catchment Area (17)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	7.5	3.391
Catchment Area (18)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	7.5	3.391
Catchment Area (19)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	17.5	7.907
Catchment Area (20)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	16.7	7.535

26-008:
West Sompting, Phase 3
Soakaway & Permeable Paving Calculations

Report Details:
Type: Stormwater Controls Summary
Storm Phase: 26-008 SA Network

Date:
19/06/2026

Designed by:
GG

Checked by:
BM

Approved By:
PK

Milestone Transport Planning Ltd:
7 Ancells Court, Rye Close,
Fleet, Hampshire,
GU51 2UY





FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. DS Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
IA4 Tank	FEH: 2 years: +0 %: 2160 mins: Winter	5.894	5.894	0.334	0.334	1.7	79.423	0.000	23.047	0.0	0.000		79.149
IA1 Tank	FEH: 2 years: +0 %: 2160 mins: Winter	6.144	6.144	0.304	0.304	2.0	92.397	0.000	24.619	0.0	0.000		81.035
SA3/1	FEH: 2 years: +0 %: 960 mins: Winter	5.376	5.376	0.486	0.486	0.2	2.771	0.000	2.008	0.0	0.000		77.286
SA4/1	FEH: 2 years: +0 %: 2160 mins: Summer	5.693	5.693	0.413	0.413	0.1	3.924	0.000	0.761	0.0	0.000		80.184
SA2/1	FEH: 2 years: +0 %: 60 mins: Summer	5.378	5.378	0.338	0.338	1.3	0.724	0.000	1.562	0.0	0.000		81.936
SA1/1	FEH: 2 years: +0 %: 720 mins: Summer	5.036	5.036	0.616	0.616	0.3	2.342	0.000	2.438	0.0	0.000		72.125
PP4/1	FEH: 2 years: +0 %: 240 mins: Winter	7.327	7.301	0.022	0.101	1.0	3.427	0.000	4.345	0.0	0.000		91.441
PP3/1	FEH: 2 years: +0 %: 30 mins: Summer	7.919	7.618	0.015	0.018	2.9	0.975	0.000	2.505	0.0	0.000		97.406
PP2/1	FEH: 2 years: +0 %: 15 mins: Summer	6.695	6.570	0.000	0.000	2.1	0.000	0.000	0.954	0.0	0.000		100.000
PP1/1	FEH: 2 years: +0 %: 30 mins: Summer	7.031	6.780	0.016	0.020	2.9	1.073	0.000	2.504	0.0	0.000		97.100

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by:	Checked by:	Approved By:	
	GG	BM	PK	
Report Details: Type: Stormwater Controls Summary Storm Phase: 26-008 SA Network	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

Status
OK
OK
OK
OK
OK
OK
OK
OK
OK
OK

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026		
	Designed by: GG	Checked by: BM	Approved By: PK
	Report Details: Type: Stormwater Controls Summary Storm Phase: 26-008 SA Network		
Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			





FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. DS Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
IA4 Tank	FEH: 30 years: +0 %: 2160 mins: Winter	6.129	6.129	0.569	0.569	2.9	135.187	0.000	39.234	0.0	0.000		64.509
IA1 Tank	FEH: 30 years: +0 %: 2160 mins: Winter	6.355	6.355	0.515	0.515	3.4	156.535	0.000	41.710	0.0	0.000		67.871
SA3/1	FEH: 30 years: +0 %: 600 mins: Winter	5.751	5.751	0.861	0.861	0.4	4.910	0.000	2.341	0.0	0.000		59.756
SA4/1	FEH: 30 years: +0 %: 2160 mins: Summer	5.993	5.993	0.713	0.713	0.2	6.770	0.000	1.312	0.0	0.000		65.811
SA2/1	FEH: 30 years: +0 %: 60 mins: Summer	5.817	5.817	0.777	0.777	2.9	1.661	0.000	3.582	0.0	0.000		58.547
SA1/1	FEH: 30 years: +0 %: 480 mins: Winter	5.547	5.547	1.127	1.127	0.5	4.284	0.000	3.272	0.0	0.000	45	49.004
PP4/1	FEH: 30 years: +0 %: 240 mins: Winter	7.387	7.387	0.082	0.187	2.0	8.707	0.000	5.191	0.0	0.000		78.254
PP3/1	FEH: 30 years: +0 %: 60 mins: Winter	7.955	7.681	0.051	0.081	4.7	3.746	0.000	6.794	0.0	0.000		90.038
PP2/1	FEH: 30 years: +0 %: 15 mins: Summer	6.695	6.570	0.000	0.000	4.7	0.000	0.000	2.143	0.0	0.000		100.000
PP1/1	FEH: 30 years: +0 %: 120 mins: Summer	7.066	6.849	0.051	0.089	4.3	3.807	0.000	8.984	0.0	0.000		89.711

26-008: West Sompting, Phase 3 Soakaway & Permeable Paving Calculations	Date: 19/06/2026			
	Designed by:	Checked by:	Approved By:	
	GG	BM	PK	
Report Details: Type: Stormwater Controls Summary Storm Phase: 26-008 SA Network	Milestone Transport Planning Ltd: 7 Ancells Court, Rye Close, Fleet, Hampshire, GU51 2UY			

Status
OK
OK
OK
OK
OK
OK
OK
OK
OK
OK

26-008:
West Sompting, Phase 3
Soakaway & Permeable Paving Calculations

Report Details:
Type: Stormwater Controls Summary
Storm Phase: 26-008 SA Network

Date:
19/06/2026

Designed by:
GG

Checked by:
BM

Approved By:
PK

Milestone Transport Planning Ltd:
7 Ancells Court, Rye Close,
Fleet, Hampshire,
GU51 2UY





FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. DS Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
IA4 Tank	FEH: 30 years: +40 %: 2160 mins: Winter	6.357	6.357	0.797	0.797	4.1	189.239	0.000	54.924	0.0	0.000		50.318
IA1 Tank	FEH: 30 years: +40 %: 2160 mins: Winter	6.559	6.559	0.719	0.719	4.7	218.598	0.000	58.249	0.0	0.000		55.132
SA3/1	FEH: 30 years: +40 %: 720 mins: Winter	6.101	6.101	1.211	1.211	0.5	6.901	0.000	3.883	0.0	0.000	235	43.438
SA4/1	FEH: 30 years: +40 %: 2160 mins: Summer	6.290	6.290	1.010	1.010	0.3	9.593	0.000	1.859	0.0	0.000		51.550
SA2/1	FEH: 30 years: +40 %: 60 mins: Summer	6.128	6.128	1.088	1.088	4.1	2.327	0.000	5.019	0.0	0.000	5	41.916
SA1/1	FEH: 30 years: +40 %: 360 mins: Winter	5.996	5.996	1.576	1.576	0.9	5.990	0.000	3.556	0.0	0.000	295	28.693
PP4/1	FEH: 30 years: +40 %: 360 mins: Winter	7.459	7.459	0.154	0.259	2.0	13.366	0.000	7.800	0.0	0.000		66.616
PP3/1	FEH: 30 years: +40 %: 120 mins: Summer	7.983	7.747	0.079	0.147	6.0	6.091	0.000	12.003	0.0	0.000		83.802
PP2/1	FEH: 30 years: +40 %: 15 mins: Summer	6.695	6.570	0.000	0.000	6.6	0.000	0.000	2.992	0.0	0.000		100.000
PP1/1	FEH: 30 years: +40 %: 120 mins: Winter	7.094	6.921	0.079	0.161	4.3	6.412	0.000	11.520	0.0	0.000		82.668

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FEH: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. DS Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
IA4 Tank	FEH: 100 years: +0 %: 2160 mins: Winter	6.269	6.269	0.709	0.709	3.6	168.340	0.000	48.859	0.0	0.000		55.805
IA1 Tank	FEH: 100 years: +0 %: 2160 mins: Winter	6.481	6.481	0.641	0.641	4.2	194.739	0.000	51.893	0.0	0.000		60.029
SA3/1	FEH: 100 years: +0 %: 720 mins: Winter	5.972	5.972	1.082	1.082	0.4	6.167	0.000	3.470	0.0	0.000	45	49.450
SA4/1	FEH: 100 years: +0 %: 2160 mins: Winter	6.170	6.170	0.890	0.890	0.2	8.454	0.000	1.636	0.0	0.000		57.305
SA2/1	FEH: 100 years: +0 %: 60 mins: Summer	6.034	6.034	0.994	0.994	3.7	2.126	0.000	4.592	0.0	0.000	0	46.933
SA1/1	FEH: 100 years: +0 %: 360 mins: Winter	5.820	5.820	1.400	1.400	0.8	5.319	0.000	3.157	0.0	0.000	200	36.681
PP4/1	FEH: 100 years: +0 %: 360 mins: Winter	7.430	7.430	0.125	0.230	1.8	11.439	0.000	7.790	0.0	0.000		71.429
PP3/1	FEH: 100 years: +0 %: 120 mins: Summer	7.971	7.722	0.067	0.122	5.3	5.127	0.000	11.092	0.0	0.000		86.366
PP2/1	FEH: 100 years: +0 %: 15 mins: Summer	6.695	6.570	0.000	0.000	6.0	0.000	0.000	2.692	0.0	0.000		100.000
PP1/1	FEH: 100 years: +0 %: 120 mins: Summer	7.087	6.895	0.072	0.135	5.3	5.462	0.000	10.656	0.0	0.000		85.235

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FEH: 100 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. DS Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
IA4 Tank	FEH: 100 years: +40 %: 2160 mins: Winter	6.553	6.553	0.993	0.993	5.1	235.800	0.000	68.434	0.0	0.000		38.094
IA1 Tank	FEH: 100 years: +40 %: 2160 mins: Winter	6.737	6.737	0.897	0.897	5.8	272.778	0.000	72.694	0.0	0.000	1330	44.011
SA3/1	FEH: 100 years: +40 %: 720 mins: Winter	6.407	6.407	1.517	1.517	0.6	8.646	0.000	4.863	0.0	0.000	615	29.132
SA4/1	FEH: 100 years: +40 %: 2160 mins: Summer	6.522	6.522	1.242	1.242	0.4	11.799	0.000	2.287	0.0	0.000		40.410
SA2/1	FEH: 100 years: +40 %: 60 mins: Summer	6.434	6.434	1.394	1.394	5.2	2.981	0.000	6.438	0.0	0.000	10	25.604
SA1/1	FEH: 100 years: +40 %: 360 mins: Winter	6.379	6.379	1.959	1.959	1.1	7.444	0.000	4.418	0.0	0.000		11.377
PP4/1	FEH: 100 years: +40 %: 480 mins: Winter	7.525	7.525	0.220	0.325	2.0	17.591	0.000	10.407	0.0	0.000		56.063
PP3/1	FEH: 100 years: +40 %: 120 mins: Winter	8.007	7.810	0.103	0.210	5.4	8.577	0.000	13.765	0.0	0.000		77.190
PP2/1	FEH: 100 years: +40 %: 15 mins: Summer	6.695	6.570	0.000	0.000	8.4	0.000	0.000	3.766	0.0	0.000		100.000
PP1/1	FEH: 100 years: +40 %: 120 mins: Winter	7.126	6.984	0.111	0.224	5.4	9.099	0.000	12.847	0.0	0.000		75.405

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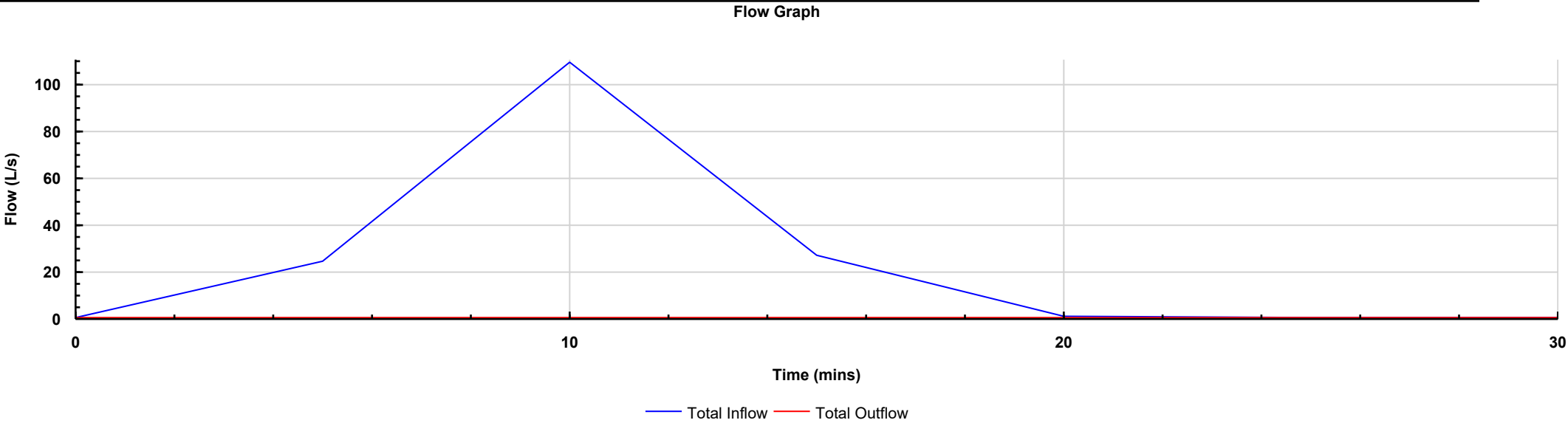


26-008 SA Network
FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

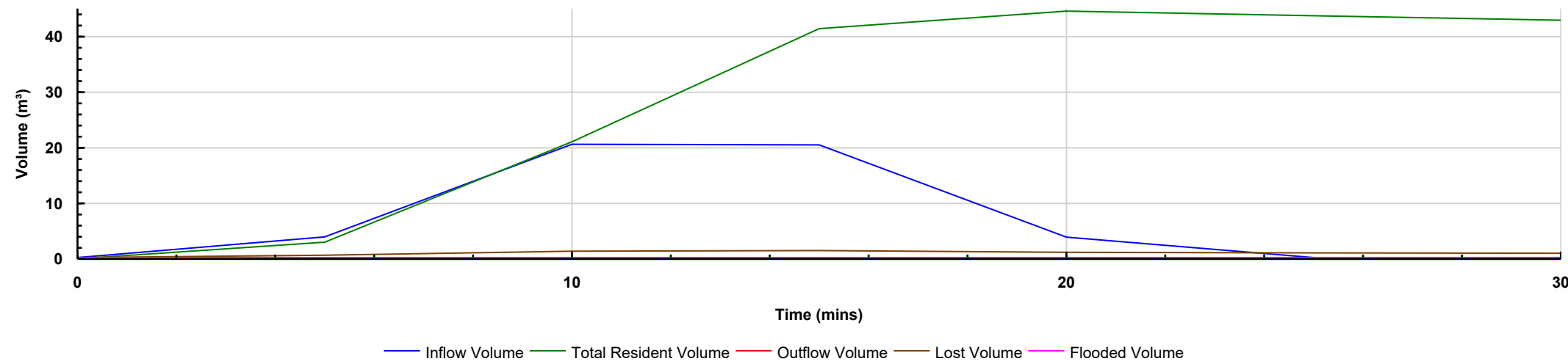
Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
TOTAL	109.6	48.334	0.0	0.000

Graphs



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Volume Graph



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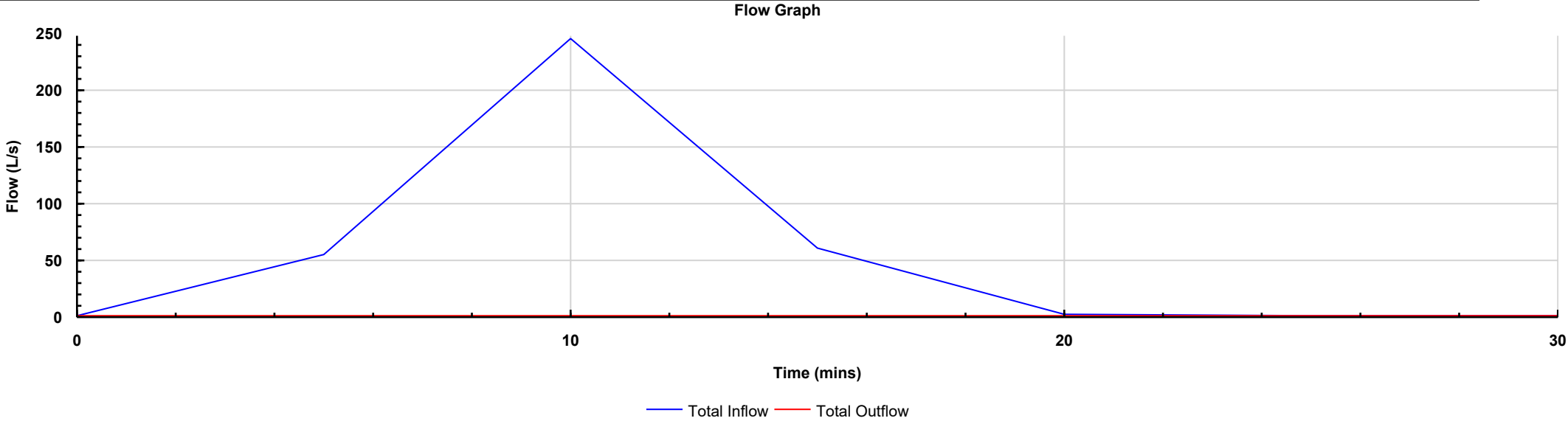


26-008 SA Network
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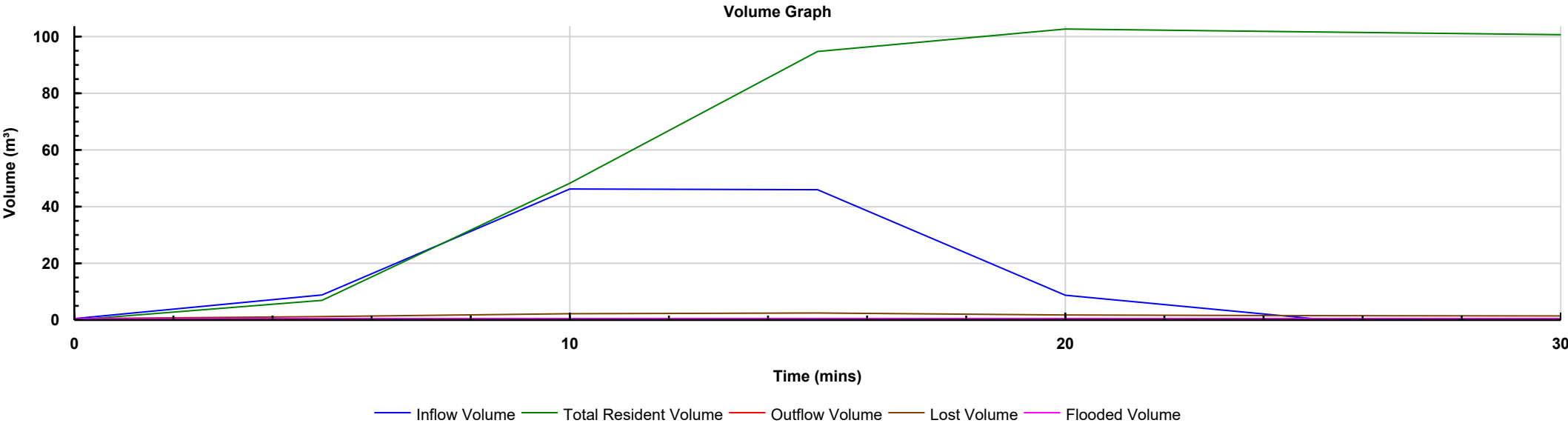
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Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
TOTAL	245.6	108.324	0.0	0.000

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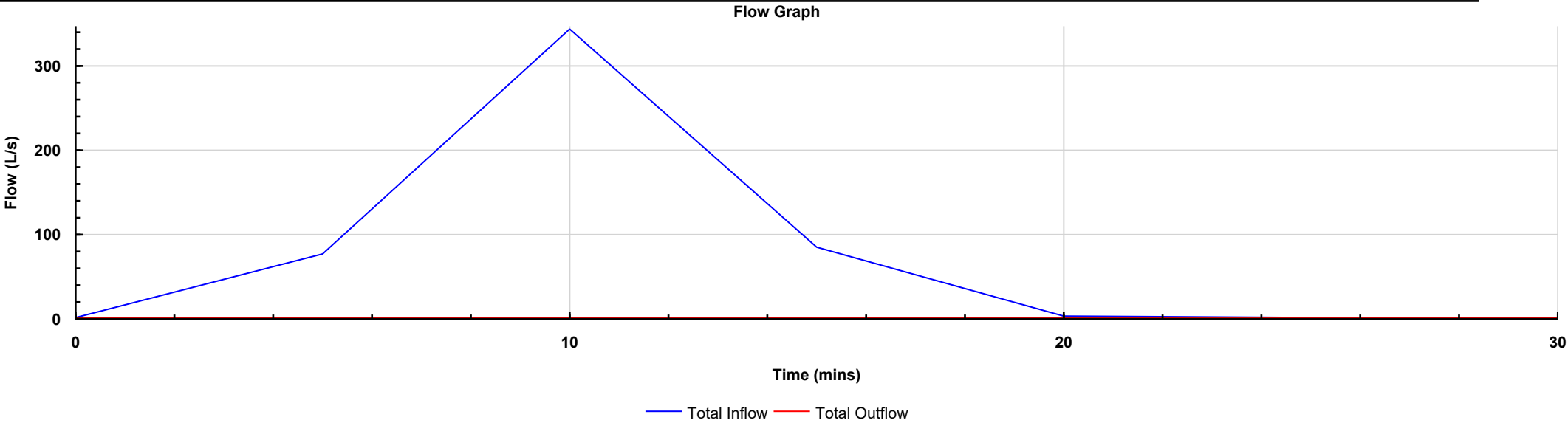


26-008 SA Network
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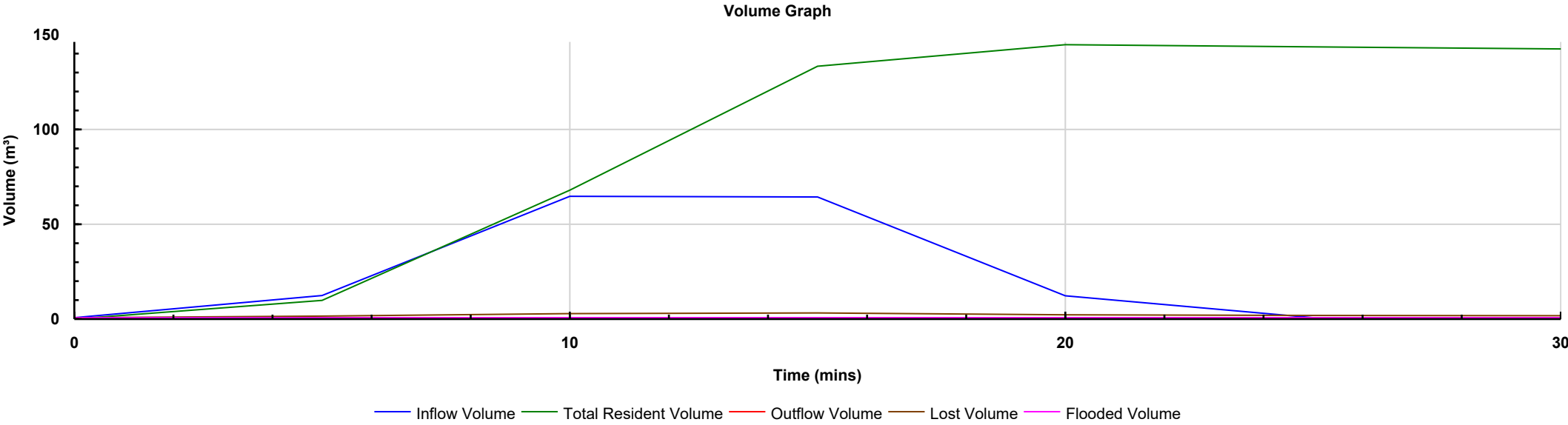
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Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
TOTAL	343.8	151.637	0.0	0.000

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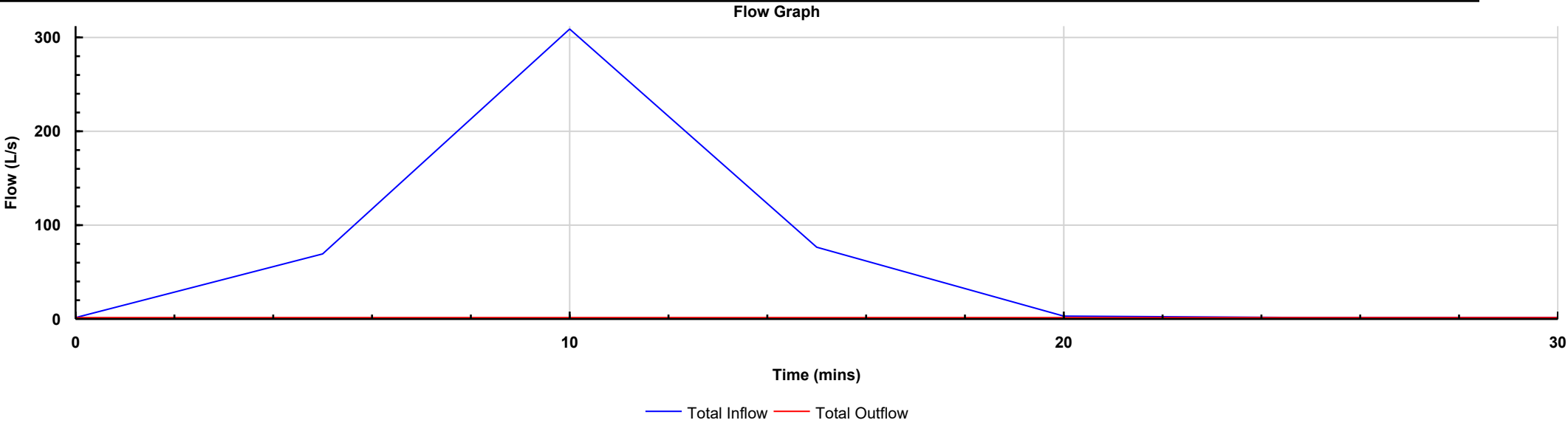


26-008 SA Network
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Tables

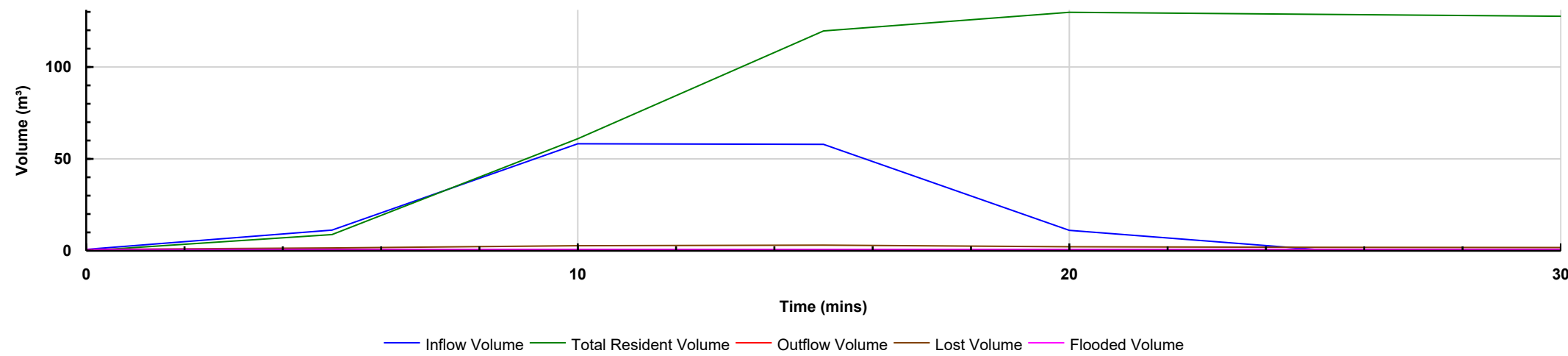
Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
TOTAL	308.9	136.258	0.0	0.000

Graphs



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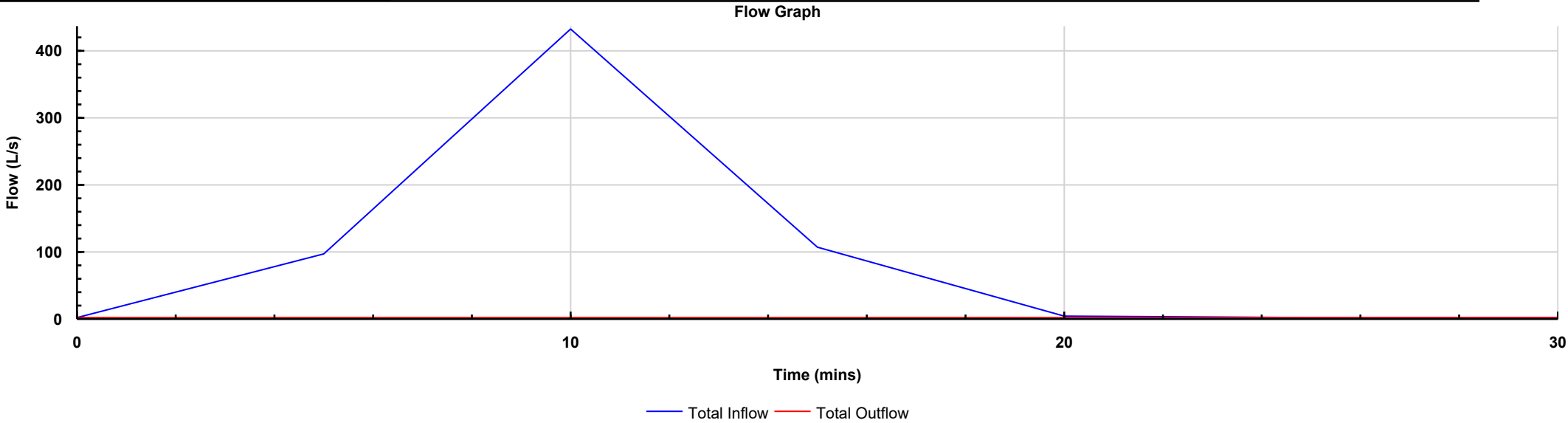


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Tables

Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
TOTAL	432.5	190.771	0.0	0.000

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