

Blays House Wick Road
 Englefield Green Egham
 Surrey TW20 0HJ

Haverhill
 Great Willsey Park
 Area 6 : 1 in 100 360 min



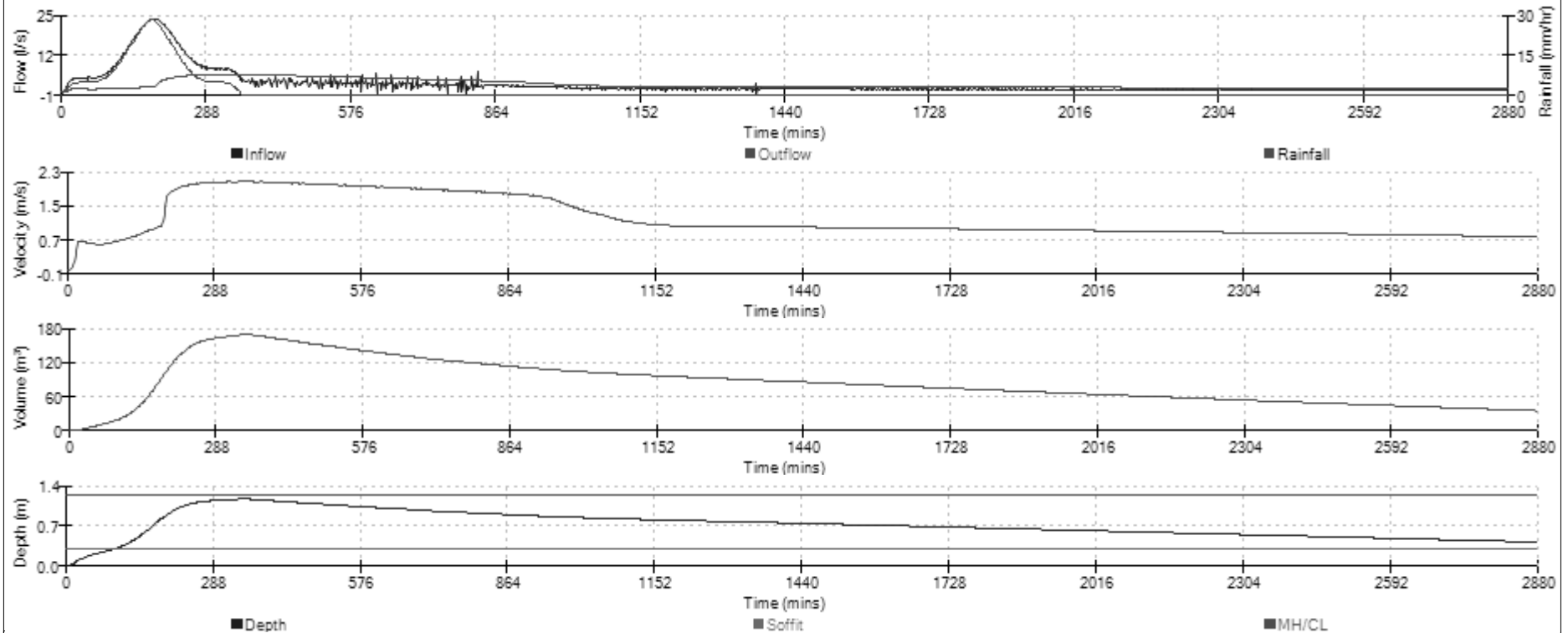
Date 4/7/2019
 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX

Designed by RMV
 Checked by DJ

Innovyze

Network 2018.1.1

Graphs for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Status: FLOOD RISK (1 of 4)



Blays House Wick Road
 Englefield Green Egham
 Surrey TW20 0HJ

Haverhill
 Great Willsey Park
 Area 6 : 1 in 100 360 min



Date 4/7/2019

Designed by RMV

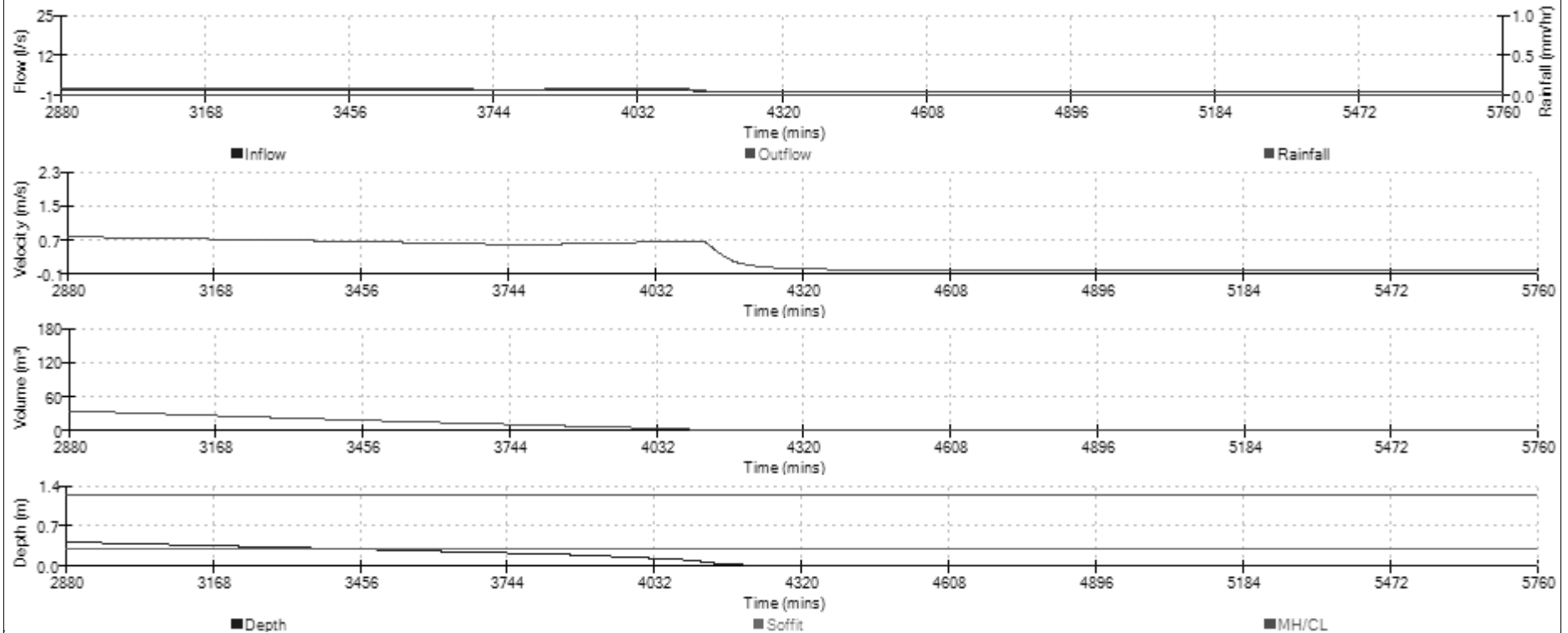
File HAVERHILL. ALL NETWORKS FOR TENDER.MDX

Checked by DJ

Innovyze

Network 2018.1.1

Graphs for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Status: FLOOD RISK (2 of 4)



Royal HaskoningDHV

Blays House Wick Road
Englefield Green Egham
Surrey TW20 0HJ

Haverhill
Great Willsey Park
Area 6 : 1 in 100 360 min



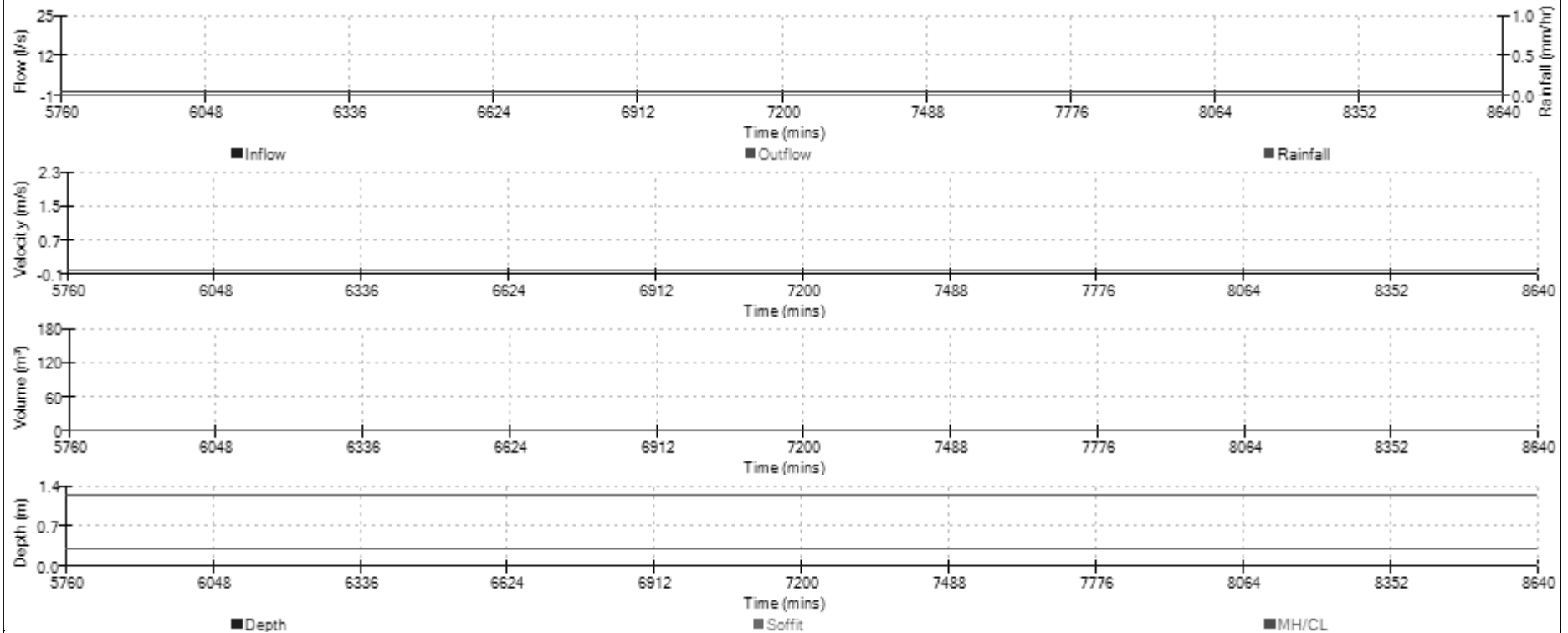
Date 4/7/2019
File HAVERHILL. ALL NETWORKS FOR TENDER.MDX

Designed by RMV
Checked by DJ

Innovyze

Network 2018.1.1

Graphs for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Status: FLOOD RISK (3 of 4)



Blays House Wick Road
 Englefield Green Egham
 Surrey TW20 0HJ

Haverhill
 Great Willsey Park
 Area 6 : 1 in 100 360 min



Date 4/7/2019

Designed by RMV

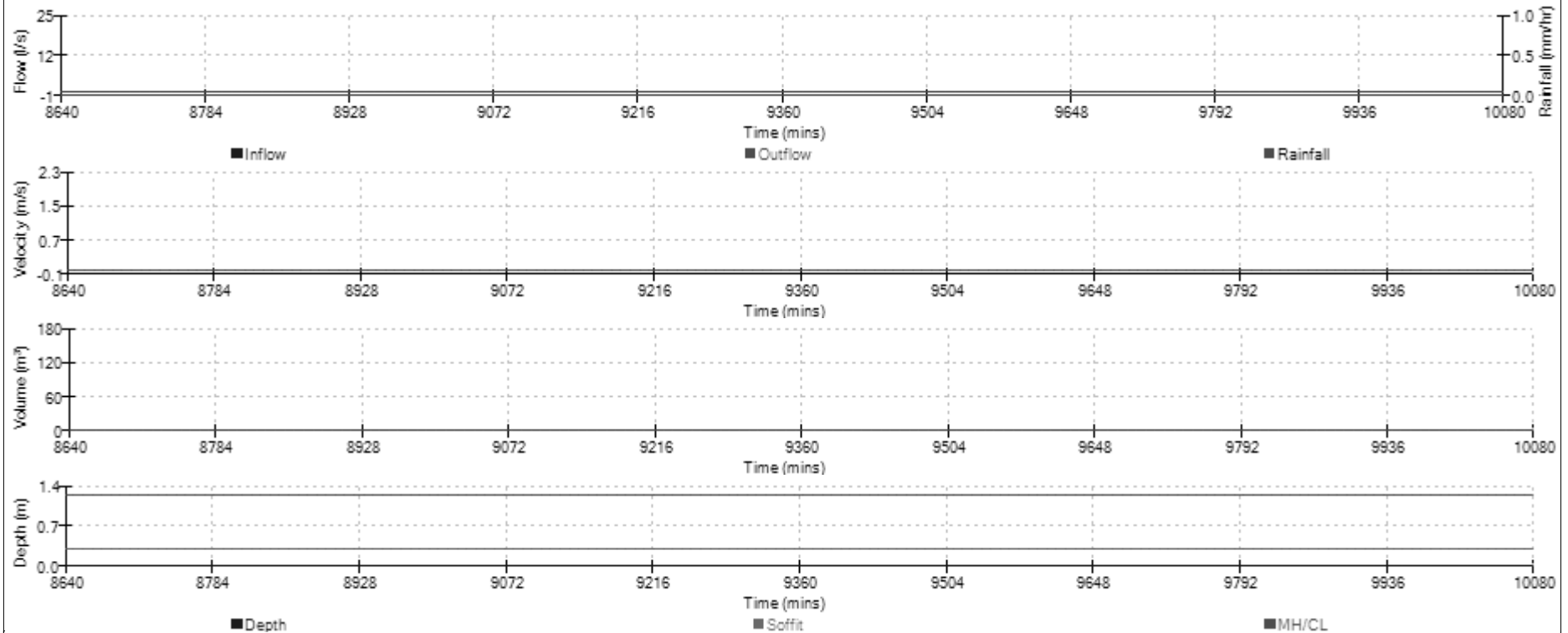
File HAVERHILL. ALL NETWORKS FOR TENDER.MDX


Checked by DJ

Innovyze

Network 2018.1.1


Graphs for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Status: FLOOD RISK (4 of 4)



Royal HaskoningDHV		Page 5
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
2	90.076	89.505	-0.299	0.0	0.0	46	90.258	89.505	-0.117	0.0	1.1
4	90.079	89.505	-0.296	0.0	0.0	48	90.265	89.505	-0.110	0.0	1.1
6	90.082	89.505	-0.293	0.0	0.0	50	90.271	89.505	-0.104	0.0	1.1
8	90.087	89.505	-0.288	0.0	0.0	52	90.277	89.505	-0.098	0.0	1.1
10	90.093	89.505	-0.282	0.0	0.1	54	90.282	89.505	-0.093	0.0	1.1
12	90.101	89.505	-0.274	0.0	0.2	56	90.287	89.505	-0.088	0.0	1.1
14	90.112	89.505	-0.263	0.0	0.3	58	90.291	89.505	-0.084	0.0	1.1
16	90.124	89.505	-0.251	0.0	0.6	60	90.295	89.505	-0.080	0.0	1.0
18	90.138	89.505	-0.237	0.0	0.8	62	90.299	89.505	-0.076	0.0	1.0
20	90.153	89.505	-0.222	0.0	1.1	64	90.303	89.505	-0.072	0.0	1.1
22	90.169	89.505	-0.206	0.0	1.2	66	90.307	89.505	-0.068	0.0	1.1
24	90.181	89.505	-0.194	0.0	1.2	68	90.312	89.505	-0.063	0.0	1.1
26	90.189	89.505	-0.186	0.0	1.2	70	90.316	89.505	-0.059	0.0	1.1
28	90.195	89.505	-0.180	0.0	1.2	72	90.320	89.505	-0.055	0.0	1.1
30	90.202	89.505	-0.173	0.0	1.2	74	90.324	89.505	-0.051	0.0	1.1
32	90.209	89.505	-0.166	0.0	1.2	76	90.329	89.505	-0.046	0.0	1.1
34	90.216	89.505	-0.159	0.0	1.2	78	90.333	89.505	-0.042	0.0	1.1
36	90.223	89.505	-0.152	0.0	1.2	80	90.338	89.505	-0.037	0.0	1.1
38	90.230	89.505	-0.145	0.0	1.2	82	90.343	89.505	-0.032	0.0	1.1
40	90.237	89.505	-0.138	0.0	1.2	84	90.347	89.505	-0.028	0.0	1.1
42	90.244	89.505	-0.131	0.0	1.1	86	90.353	89.505	-0.022	0.0	1.2
44	90.251	89.505	-0.124	0.0	1.1	88	90.358	89.505	-0.017	0.0	1.2

Royal HaskoningDHV		Page 6
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
90	90.363	89.505	-0.012	0.0	1.2	134	90.532	89.505	0.157	0.0	1.4
92	90.369	89.505	-0.006	0.0	1.2	136	90.543	89.505	0.168	0.0	1.5
94	90.375	89.505	0.000	0.0	1.2	138	90.555	89.505	0.180	0.0	1.5
96	90.381	89.505	0.006	0.0	1.2	140	90.567	89.505	0.192	0.0	1.5
98	90.386	89.505	0.011	0.0	1.2	142	90.580	89.505	0.205	0.0	1.5
100	90.392	89.505	0.017	0.0	1.2	144	90.592	89.505	0.217	0.0	1.5
102	90.398	89.505	0.023	0.0	1.2	146	90.604	89.505	0.229	0.0	1.5
104	90.404	89.505	0.029	0.0	1.2	148	90.617	89.505	0.242	0.0	1.6
106	90.410	89.505	0.035	0.0	1.3	150	90.630	89.505	0.255	0.0	1.6
108	90.416	89.505	0.041	0.0	1.3	152	90.644	89.505	0.269	0.0	1.6
110	90.423	89.505	0.048	0.0	1.3	154	90.658	89.505	0.283	0.0	1.6
112	90.431	89.505	0.056	0.0	1.3	156	90.672	89.505	0.297	0.0	1.6
114	90.438	89.505	0.063	0.0	1.3	158	90.686	89.505	0.311	0.0	1.6
116	90.446	89.505	0.071	0.0	1.3	160	90.700	89.505	0.325	0.0	1.7
118	90.454	89.505	0.079	0.0	1.3	162	90.714	89.505	0.339	0.0	1.7
120	90.463	89.505	0.088	0.0	1.3	164	90.728	89.505	0.353	0.0	1.7
122	90.472	89.505	0.097	0.0	1.3	166	90.743	89.505	0.368	0.0	1.7
124	90.481	89.505	0.106	0.0	1.4	168	90.758	89.505	0.383	0.0	1.7
126	90.491	89.505	0.116	0.0	1.4	170	90.773	89.505	0.398	0.0	1.7
128	90.500	89.505	0.125	0.0	1.4	172	90.787	89.505	0.412	0.0	1.8
130	90.510	89.505	0.135	0.0	1.4	174	90.802	89.505	0.427	0.0	1.8
132	90.521	89.505	0.146	0.0	1.4	176	90.817	89.505	0.442	0.0	1.8

Royal HaskoningDHV		Page 7
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
178	90.832	89.505	0.457	0.0	1.8	222	91.092	89.505	0.717	0.0	4.8
180	90.847	89.505	0.472	0.0	1.8	224	91.099	89.505	0.724	0.0	4.8
182	90.862	89.505	0.487	0.0	1.8	226	91.106	89.505	0.731	0.0	4.9
184	90.877	89.505	0.502	0.0	1.9	228	91.113	89.505	0.738	0.0	5.0
186	90.891	89.505	0.516	0.0	1.9	230	91.120	89.505	0.745	0.0	5.0
188	90.905	89.505	0.530	0.0	2.1	232	91.126	89.505	0.751	0.0	5.1
190	90.919	89.505	0.544	0.0	2.3	234	91.133	89.505	0.758	0.0	5.1
192	90.932	89.505	0.557	0.0	2.6	236	91.138	89.505	0.763	0.0	5.2
194	90.945	89.505	0.570	0.0	3.0	238	91.144	89.505	0.769	0.0	5.2
196	90.958	89.505	0.583	0.0	3.3	240	91.149	89.505	0.774	0.0	5.2
198	90.971	89.505	0.596	0.0	3.5	242	91.154	89.505	0.779	0.0	5.3
200	90.983	89.505	0.608	0.0	3.7	244	91.158	89.505	0.783	0.0	5.3
202	90.995	89.505	0.620	0.0	3.8	246	91.163	89.505	0.788	0.0	5.3
204	91.006	89.505	0.631	0.0	4.0	248	91.167	89.505	0.792	0.0	5.4
206	91.017	89.505	0.642	0.0	4.1	250	91.171	89.505	0.796	0.0	5.4
208	91.027	89.505	0.652	0.0	4.2	252	91.175	89.505	0.800	0.0	5.4
210	91.038	89.505	0.663	0.0	4.3	254	91.179	89.505	0.804	0.0	5.5
212	91.048	89.505	0.673	0.0	4.4	256	91.182	89.505	0.807	0.0	5.5
214	91.057	89.505	0.682	0.0	4.5	258	91.185	89.505	0.810	0.0	5.5
216	91.067	89.505	0.692	0.0	4.6	260	91.188	89.505	0.813	0.0	5.5
218	91.076	89.505	0.701	0.0	4.6	262	91.191	89.505	0.816	0.0	5.5
220	91.084	89.505	0.709	0.0	4.7	264	91.193	89.505	0.818	0.0	5.6

Royal HaskoningDHV		Page 8
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
266	91.196	89.505	0.821	0.0	5.6	310	91.227	89.505	0.852	0.0	5.8
268	91.198	89.505	0.823	0.0	5.6	312	91.228	89.505	0.853	0.0	5.8
270	91.200	89.505	0.825	0.0	5.6	314	91.230	89.505	0.855	0.0	5.8
272	91.202	89.505	0.827	0.0	5.6	316	91.231	89.505	0.856	0.0	5.8
274	91.204	89.505	0.829	0.0	5.6	318	91.232	89.505	0.857	0.0	5.8
276	91.206	89.505	0.831	0.0	5.7	320	91.233	89.505	0.858	0.0	5.8
278	91.208	89.505	0.833	0.0	5.7	322	91.234	89.505	0.859	0.0	5.8
280	91.209	89.505	0.834	0.0	5.7	324	91.235	89.505	0.860	0.0	5.8
282	91.211	89.505	0.836	0.0	5.7	326	91.236	89.505	0.861	0.0	5.8
284	91.212	89.505	0.837	0.0	5.7	328	91.237	89.505	0.862	0.0	5.9
286	91.214	89.505	0.839	0.0	5.7	330	91.238	89.505	0.863	0.0	5.9
288	91.215	89.505	0.840	0.0	5.7	332	91.239	89.505	0.864	0.0	5.9
290	91.216	89.505	0.841	0.0	5.7	334	91.240	89.505	0.865	0.0	5.9
292	91.218	89.505	0.843	0.0	5.7	336	91.240	89.505	0.865	0.0	5.9
294	91.219	89.505	0.844	0.0	5.7	338	91.241	89.505	0.866	0.0	5.9
296	91.220	89.505	0.845	0.0	5.7	340	91.242	89.505	0.867	0.0	5.9
298	91.221	89.505	0.846	0.0	5.8	342	91.243	89.505	0.868	0.0	5.9
300	91.222	89.505	0.847	0.0	5.8	344	91.243	89.505	0.868	0.0	5.9
302	91.223	89.505	0.848	0.0	5.8	346	91.244	89.505	0.869	0.0	5.9
304	91.224	89.505	0.849	0.0	5.8	348	91.244	89.505	0.869	0.0	5.9
306	91.225	89.505	0.850	0.0	5.8	350	91.244	89.505	0.869	0.0	5.9
308	91.226	89.505	0.851	0.0	5.8	352	91.244	89.505	0.869	0.0	5.9

Royal HaskoningDHV		Page 9
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
354	91.244	89.505	0.869	0.0	5.9	398	91.217	89.505	0.842	0.0	5.7
356	91.243	89.505	0.868	0.0	5.9	400	91.216	89.505	0.841	0.0	5.7
358	91.242	89.505	0.867	0.0	5.9	402	91.215	89.505	0.840	0.0	5.7
360	91.241	89.505	0.866	0.0	5.9	404	91.213	89.505	0.838	0.0	5.7
362	91.240	89.505	0.865	0.0	5.9	406	91.212	89.505	0.837	0.0	5.7
364	91.239	89.505	0.864	0.0	5.9	408	91.210	89.505	0.835	0.0	5.7
366	91.238	89.505	0.863	0.0	5.9	410	91.209	89.505	0.834	0.0	5.7
368	91.237	89.505	0.862	0.0	5.9	412	91.208	89.505	0.833	0.0	5.7
370	91.235	89.505	0.860	0.0	5.9	414	91.207	89.505	0.832	0.0	5.7
372	91.234	89.505	0.859	0.0	5.8	416	91.206	89.505	0.831	0.0	5.7
374	91.233	89.505	0.858	0.0	5.8	418	91.204	89.505	0.829	0.0	5.7
376	91.232	89.505	0.857	0.0	5.8	420	91.203	89.505	0.828	0.0	5.6
378	91.230	89.505	0.855	0.0	5.8	422	91.202	89.505	0.827	0.0	5.6
380	91.230	89.505	0.855	0.0	5.8	424	91.201	89.505	0.826	0.0	5.6
382	91.228	89.505	0.853	0.0	5.8	426	91.199	89.505	0.824	0.0	5.6
384	91.227	89.505	0.852	0.0	5.8	428	91.199	89.505	0.824	0.0	5.6
386	91.226	89.505	0.851	0.0	5.8	430	91.198	89.505	0.823	0.0	5.6
388	91.225	89.505	0.850	0.0	5.8	432	91.197	89.505	0.822	0.0	5.6
390	91.224	89.505	0.849	0.0	5.8	434	91.195	89.505	0.820	0.0	5.6
392	91.222	89.505	0.847	0.0	5.8	436	91.194	89.505	0.819	0.0	5.6
394	91.221	89.505	0.846	0.0	5.8	438	91.194	89.505	0.819	0.0	5.6
396	91.218	89.505	0.843	0.0	5.7	440	91.193	89.505	0.818	0.0	5.6

Royal HaskoningDHV		Page 10
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
442	91.191	89.505	0.816	0.0	5.6	486	91.161	89.505	0.786	0.0	5.4
444	91.189	89.505	0.814	0.0	5.6	488	91.160	89.505	0.785	0.0	5.3
446	91.188	89.505	0.813	0.0	5.5	490	91.159	89.505	0.784	0.0	5.3
448	91.187	89.505	0.812	0.0	5.5	492	91.158	89.505	0.783	0.0	5.3
450	91.185	89.505	0.810	0.0	5.5	494	91.158	89.505	0.783	0.0	5.3
452	91.184	89.505	0.809	0.0	5.5	496	91.157	89.505	0.782	0.0	5.3
454	91.181	89.505	0.806	0.0	5.5	498	91.156	89.505	0.781	0.0	5.3
456	91.181	89.505	0.806	0.0	5.5	500	91.155	89.505	0.780	0.0	5.3
458	91.180	89.505	0.805	0.0	5.5	502	91.154	89.505	0.779	0.0	5.3
460	91.179	89.505	0.804	0.0	5.5	504	91.153	89.505	0.778	0.0	5.3
462	91.177	89.505	0.802	0.0	5.5	506	91.152	89.505	0.777	0.0	5.3
464	91.177	89.505	0.802	0.0	5.5	508	91.151	89.505	0.776	0.0	5.3
466	91.175	89.505	0.800	0.0	5.5	510	91.149	89.505	0.774	0.0	5.3
468	91.172	89.505	0.797	0.0	5.4	512	91.148	89.505	0.773	0.0	5.3
470	91.171	89.505	0.796	0.0	5.4	514	91.147	89.505	0.772	0.0	5.3
472	91.170	89.505	0.795	0.0	5.4	516	91.146	89.505	0.771	0.0	5.3
474	91.169	89.505	0.794	0.0	5.4	518	91.145	89.505	0.770	0.0	5.2
476	91.167	89.505	0.792	0.0	5.4	520	91.144	89.505	0.769	0.0	5.2
478	91.166	89.505	0.791	0.0	5.4	522	91.143	89.505	0.768	0.0	5.2
480	91.164	89.505	0.789	0.0	5.4	524	91.142	89.505	0.767	0.0	5.2
482	91.163	89.505	0.788	0.0	5.4	526	91.140	89.505	0.765	0.0	5.2
484	91.162	89.505	0.787	0.0	5.4	528	91.139	89.505	0.764	0.0	5.2

Royal HaskoningDHV		Page 11
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
530	91.137	89.505	0.762	0.0	5.2	574	91.111	89.505	0.736	0.0	5.0
532	91.137	89.505	0.762	0.0	5.2	576	91.111	89.505	0.736	0.0	5.0
534	91.135	89.505	0.760	0.0	5.2	578	91.110	89.505	0.735	0.0	5.0
536	91.135	89.505	0.760	0.0	5.2	580	91.108	89.505	0.733	0.0	5.0
538	91.134	89.505	0.759	0.0	5.2	582	91.108	89.505	0.733	0.0	5.0
540	91.133	89.505	0.758	0.0	5.2	584	91.107	89.505	0.732	0.0	4.9
542	91.132	89.505	0.757	0.0	5.1	586	91.106	89.505	0.731	0.0	4.9
544	91.130	89.505	0.755	0.0	5.1	588	91.105	89.505	0.730	0.0	4.9
546	91.129	89.505	0.754	0.0	5.1	590	91.104	89.505	0.729	0.0	4.9
548	91.127	89.505	0.752	0.0	5.1	592	91.103	89.505	0.728	0.0	4.9
550	91.127	89.505	0.752	0.0	5.1	594	91.101	89.505	0.726	0.0	4.9
552	91.125	89.505	0.750	0.0	5.1	596	91.102	89.505	0.727	0.0	4.9
554	91.122	89.505	0.747	0.0	5.1	598	91.100	89.505	0.725	0.0	4.9
556	91.122	89.505	0.747	0.0	5.1	600	91.098	89.505	0.723	0.0	4.9
558	91.121	89.505	0.746	0.0	5.1	602	91.097	89.505	0.722	0.0	4.9
560	91.120	89.505	0.745	0.0	5.0	604	91.096	89.505	0.721	0.0	4.9
562	91.119	89.505	0.744	0.0	5.0	606	91.095	89.505	0.720	0.0	4.9
564	91.118	89.505	0.743	0.0	5.0	608	91.094	89.505	0.719	0.0	4.8
566	91.117	89.505	0.742	0.0	5.0	610	91.094	89.505	0.719	0.0	4.8
568	91.116	89.505	0.741	0.0	5.0	612	91.093	89.505	0.718	0.0	4.8
570	91.114	89.505	0.739	0.0	5.0	614	91.092	89.505	0.717	0.0	4.8
572	91.113	89.505	0.738	0.0	5.0	616	91.091	89.505	0.716	0.0	4.8

Royal HaskoningDHV		Page 12
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
618	91.090	89.505	0.715	0.0	4.8	662	91.068	89.505	0.693	0.0	4.6
620	91.087	89.505	0.712	0.0	4.8	664	91.067	89.505	0.692	0.0	4.6
622	91.086	89.505	0.711	0.0	4.8	666	91.066	89.505	0.691	0.0	4.6
624	91.085	89.505	0.710	0.0	4.8	668	91.064	89.505	0.689	0.0	4.6
626	91.085	89.505	0.710	0.0	4.8	670	91.062	89.505	0.687	0.0	4.6
628	91.084	89.505	0.709	0.0	4.8	672	91.060	89.505	0.685	0.0	4.6
630	91.084	89.505	0.709	0.0	4.8	674	91.059	89.505	0.684	0.0	4.5
632	91.084	89.505	0.709	0.0	4.8	676	91.058	89.505	0.683	0.0	4.5
634	91.083	89.505	0.708	0.0	4.8	678	91.057	89.505	0.682	0.0	4.5
636	91.082	89.505	0.707	0.0	4.7	680	91.055	89.505	0.680	0.0	4.5
638	91.080	89.505	0.705	0.0	4.7	682	91.054	89.505	0.679	0.0	4.5
640	91.078	89.505	0.703	0.0	4.7	684	91.053	89.505	0.678	0.0	4.5
642	91.076	89.505	0.701	0.0	4.7	686	91.052	89.505	0.677	0.0	4.5
644	91.075	89.505	0.700	0.0	4.7	688	91.051	89.505	0.676	0.0	4.5
646	91.074	89.505	0.699	0.0	4.7	690	91.049	89.505	0.674	0.0	4.5
648	91.073	89.505	0.698	0.0	4.7	692	91.048	89.505	0.673	0.0	4.4
650	91.071	89.505	0.696	0.0	4.7	694	91.047	89.505	0.672	0.0	4.4
652	91.071	89.505	0.696	0.0	4.7	696	91.046	89.505	0.671	0.0	4.4
654	91.070	89.505	0.695	0.0	4.6	698	91.045	89.505	0.670	0.0	4.4
656	91.069	89.505	0.694	0.0	4.6	700	91.043	89.505	0.668	0.0	4.4
658	91.069	89.505	0.694	0.0	4.6	702	91.042	89.505	0.667	0.0	4.4
660	91.068	89.505	0.693	0.0	4.6	704	91.041	89.505	0.666	0.0	4.4

Royal HaskoningDHV		Page 13
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
706	91.040	89.505	0.665	0.0	4.4	750	91.020	89.505	0.645	0.0	4.2
708	91.039	89.505	0.664	0.0	4.4	752	91.019	89.505	0.644	0.0	4.2
710	91.040	89.505	0.665	0.0	4.4	754	91.020	89.505	0.645	0.0	4.2
712	91.039	89.505	0.664	0.0	4.4	756	91.019	89.505	0.644	0.0	4.2
714	91.038	89.505	0.663	0.0	4.4	758	91.018	89.505	0.643	0.0	4.2
716	91.036	89.505	0.661	0.0	4.3	760	91.017	89.505	0.642	0.0	4.1
718	91.036	89.505	0.661	0.0	4.3	762	91.016	89.505	0.641	0.0	4.1
720	91.035	89.505	0.660	0.0	4.3	764	91.015	89.505	0.640	0.0	4.1
722	91.034	89.505	0.659	0.0	4.3	766	91.014	89.505	0.639	0.0	4.1
724	91.033	89.505	0.658	0.0	4.3	768	91.014	89.505	0.639	0.0	4.1
726	91.032	89.505	0.657	0.0	4.3	770	91.014	89.505	0.639	0.0	4.1
728	91.031	89.505	0.656	0.0	4.3	772	91.013	89.505	0.638	0.0	4.1
730	91.030	89.505	0.655	0.0	4.3	774	91.012	89.505	0.637	0.0	4.1
732	91.029	89.505	0.654	0.0	4.3	776	91.011	89.505	0.636	0.0	4.1
734	91.028	89.505	0.653	0.0	4.3	778	91.010	89.505	0.635	0.0	4.1
736	91.027	89.505	0.652	0.0	4.2	780	91.009	89.505	0.634	0.0	4.1
738	91.026	89.505	0.651	0.0	4.2	782	91.008	89.505	0.633	0.0	4.1
740	91.025	89.505	0.650	0.0	4.2	784	91.007	89.505	0.632	0.0	4.0
742	91.024	89.505	0.649	0.0	4.2	786	91.007	89.505	0.632	0.0	4.0
744	91.023	89.505	0.648	0.0	4.2	788	91.006	89.505	0.631	0.0	4.0
746	91.022	89.505	0.647	0.0	4.2	790	91.005	89.505	0.630	0.0	4.0
748	91.021	89.505	0.646	0.0	4.2	792	91.004	89.505	0.629	0.0	4.0

Royal HaskoningDHV		Page 14
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
794	91.003	89.505	0.628	0.0	4.0	838	90.985	89.505	0.610	0.0	3.8
796	91.002	89.505	0.627	0.0	4.0	840	90.984	89.505	0.609	0.0	3.8
798	91.002	89.505	0.627	0.0	4.0	842	90.983	89.505	0.608	0.0	3.8
800	91.001	89.505	0.626	0.0	4.0	844	90.982	89.505	0.607	0.0	3.8
802	90.999	89.505	0.624	0.0	4.0	846	90.981	89.505	0.606	0.0	3.8
804	90.999	89.505	0.624	0.0	4.0	848	90.981	89.505	0.606	0.0	3.7
806	90.999	89.505	0.624	0.0	4.0	850	90.980	89.505	0.605	0.0	3.7
808	90.998	89.505	0.623	0.0	3.9	852	90.979	89.505	0.604	0.0	3.7
810	90.997	89.505	0.622	0.0	3.9	854	90.978	89.505	0.603	0.0	3.7
812	90.995	89.505	0.620	0.0	3.9	856	90.977	89.505	0.602	0.0	3.7
814	90.994	89.505	0.619	0.0	3.9	858	90.976	89.505	0.601	0.0	3.7
816	90.993	89.505	0.618	0.0	3.9	860	90.975	89.505	0.600	0.0	3.7
818	90.992	89.505	0.617	0.0	3.9	862	90.974	89.505	0.599	0.0	3.7
820	90.992	89.505	0.617	0.0	3.9	864	90.974	89.505	0.599	0.0	3.7
822	90.992	89.505	0.617	0.0	3.9	866	90.973	89.505	0.598	0.0	3.6
824	90.991	89.505	0.616	0.0	3.9	868	90.972	89.505	0.597	0.0	3.6
826	90.991	89.505	0.616	0.0	3.9	870	90.971	89.505	0.596	0.0	3.6
828	90.991	89.505	0.616	0.0	3.9	872	90.970	89.505	0.595	0.0	3.6
830	90.989	89.505	0.614	0.0	3.8	874	90.969	89.505	0.594	0.0	3.6
832	90.988	89.505	0.613	0.0	3.8	876	90.968	89.505	0.593	0.0	3.6
834	90.987	89.505	0.612	0.0	3.8	878	90.968	89.505	0.593	0.0	3.6
836	90.986	89.505	0.611	0.0	3.8	880	90.967	89.505	0.592	0.0	3.6

Royal HaskoningDHV		Page 15
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
882	90.966	89.505	0.591	0.0	3.6	926	90.948	89.505	0.573	0.0	3.2
884	90.965	89.505	0.590	0.0	3.5	928	90.947	89.505	0.572	0.0	3.2
886	90.964	89.505	0.589	0.0	3.5	930	90.946	89.505	0.571	0.0	3.2
888	90.963	89.505	0.588	0.0	3.5	932	90.946	89.505	0.571	0.0	3.2
890	90.963	89.505	0.588	0.0	3.5	934	90.945	89.505	0.570	0.0	3.2
892	90.962	89.505	0.587	0.0	3.5	936	90.944	89.505	0.569	0.0	3.1
894	90.961	89.505	0.586	0.0	3.5	938	90.943	89.505	0.568	0.0	3.1
896	90.960	89.505	0.585	0.0	3.5	940	90.943	89.505	0.568	0.0	3.1
898	90.959	89.505	0.584	0.0	3.5	942	90.942	89.505	0.567	0.0	3.1
900	90.958	89.505	0.583	0.0	3.4	944	90.941	89.505	0.566	0.0	3.1
902	90.958	89.505	0.583	0.0	3.4	946	90.941	89.505	0.566	0.0	3.0
904	90.957	89.505	0.582	0.0	3.4	948	90.940	89.505	0.565	0.0	3.0
906	90.956	89.505	0.581	0.0	3.4	950	90.939	89.505	0.564	0.0	3.0
908	90.955	89.505	0.580	0.0	3.4	952	90.938	89.505	0.563	0.0	3.0
910	90.954	89.505	0.579	0.0	3.4	954	90.938	89.505	0.563	0.0	3.0
912	90.954	89.505	0.579	0.0	3.4	956	90.937	89.505	0.562	0.0	3.0
914	90.953	89.505	0.578	0.0	3.4	958	90.936	89.505	0.561	0.0	2.9
916	90.952	89.505	0.577	0.0	3.3	960	90.936	89.505	0.561	0.0	2.9
918	90.951	89.505	0.576	0.0	3.3	962	90.935	89.505	0.560	0.0	2.9
920	90.950	89.505	0.575	0.0	3.3	964	90.934	89.505	0.559	0.0	2.9
922	90.950	89.505	0.575	0.0	3.3	966	90.934	89.505	0.559	0.0	2.9
924	90.949	89.505	0.574	0.0	3.3	968	90.933	89.505	0.558	0.0	2.8

Royal HaskoningDHV		Page 16
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
970	90.932	89.505	0.557	0.0	2.8	1014	90.919	89.505	0.544	0.0	2.5
972	90.932	89.505	0.557	0.0	2.8	1016	90.918	89.505	0.543	0.0	2.5
974	90.931	89.505	0.556	0.0	2.8	1018	90.917	89.505	0.542	0.0	2.5
976	90.930	89.505	0.555	0.0	2.8	1020	90.917	89.505	0.542	0.0	2.4
978	90.930	89.505	0.555	0.0	2.8	1022	90.916	89.505	0.541	0.0	2.4
980	90.929	89.505	0.554	0.0	2.7	1024	90.916	89.505	0.541	0.0	2.4
982	90.928	89.505	0.553	0.0	2.7	1026	90.915	89.505	0.540	0.0	2.4
984	90.928	89.505	0.553	0.0	2.7	1028	90.915	89.505	0.540	0.0	2.4
986	90.927	89.505	0.552	0.0	2.7	1030	90.914	89.505	0.539	0.0	2.4
988	90.926	89.505	0.551	0.0	2.7	1032	90.914	89.505	0.539	0.0	2.4
990	90.926	89.505	0.551	0.0	2.7	1034	90.913	89.505	0.538	0.0	2.4
992	90.925	89.505	0.550	0.0	2.6	1036	90.912	89.505	0.537	0.0	2.4
994	90.924	89.505	0.549	0.0	2.6	1038	90.912	89.505	0.537	0.0	2.4
996	90.924	89.505	0.549	0.0	2.6	1040	90.911	89.505	0.536	0.0	2.3
998	90.923	89.505	0.548	0.0	2.6	1042	90.911	89.505	0.536	0.0	2.3
1000	90.923	89.505	0.548	0.0	2.6	1044	90.910	89.505	0.535	0.0	2.3
1002	90.922	89.505	0.547	0.0	2.6	1046	90.910	89.505	0.535	0.0	2.3
1004	90.921	89.505	0.546	0.0	2.6	1048	90.909	89.505	0.534	0.0	2.3
1006	90.921	89.505	0.546	0.0	2.5	1050	90.909	89.505	0.534	0.0	2.3
1008	90.920	89.505	0.545	0.0	2.5	1052	90.908	89.505	0.533	0.0	2.3
1010	90.920	89.505	0.545	0.0	2.5	1054	90.907	89.505	0.532	0.0	2.3
1012	90.919	89.505	0.544	0.0	2.5	1056	90.907	89.505	0.532	0.0	2.3

Royal HaskoningDHV		Page 17
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
1058	90.906	89.505	0.531	0.0	2.2	1102	90.895	89.505	0.520	0.0	2.0
1060	90.906	89.505	0.531	0.0	2.2	1104	90.895	89.505	0.520	0.0	2.0
1062	90.905	89.505	0.530	0.0	2.2	1106	90.894	89.505	0.519	0.0	2.0
1064	90.904	89.505	0.529	0.0	2.2	1108	90.894	89.505	0.519	0.0	2.0
1066	90.904	89.505	0.529	0.0	2.2	1110	90.893	89.505	0.518	0.0	2.0
1068	90.903	89.505	0.528	0.0	2.2	1112	90.893	89.505	0.518	0.0	2.0
1070	90.903	89.505	0.528	0.0	2.2	1114	90.892	89.505	0.517	0.0	2.0
1072	90.903	89.505	0.528	0.0	2.2	1116	90.892	89.505	0.517	0.0	2.0
1074	90.902	89.505	0.527	0.0	2.1	1118	90.892	89.505	0.517	0.0	2.0
1076	90.901	89.505	0.526	0.0	2.1	1120	90.891	89.505	0.516	0.0	2.0
1078	90.901	89.505	0.526	0.0	2.1	1122	90.891	89.505	0.516	0.0	2.0
1080	90.901	89.505	0.526	0.0	2.1	1124	90.890	89.505	0.515	0.0	2.0
1082	90.900	89.505	0.525	0.0	2.1	1126	90.889	89.505	0.514	0.0	2.0
1084	90.899	89.505	0.524	0.0	2.1	1128	90.889	89.505	0.514	0.0	2.0
1086	90.899	89.505	0.524	0.0	2.1	1130	90.889	89.505	0.514	0.0	1.9
1088	90.898	89.505	0.523	0.0	2.1	1132	90.888	89.505	0.513	0.0	1.9
1090	90.898	89.505	0.523	0.0	2.1	1134	90.888	89.505	0.513	0.0	1.9
1092	90.897	89.505	0.522	0.0	2.1	1136	90.887	89.505	0.512	0.0	1.9
1094	90.897	89.505	0.522	0.0	2.1	1138	90.887	89.505	0.512	0.0	1.9
1096	90.897	89.505	0.522	0.0	2.1	1140	90.886	89.505	0.511	0.0	1.9
1098	90.896	89.505	0.521	0.0	2.0	1142	90.886	89.505	0.511	0.0	1.9
1100	90.896	89.505	0.521	0.0	2.0	1144	90.885	89.505	0.510	0.0	1.9

Royal HaskoningDHV		Page 18
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
1146	90.885	89.505	0.510	0.0	1.9	1190	90.875	89.505	0.500	0.0	1.9
1148	90.884	89.505	0.509	0.0	1.9	1192	90.875	89.505	0.500	0.0	1.9
1150	90.884	89.505	0.509	0.0	1.9	1194	90.874	89.505	0.499	0.0	1.9
1152	90.883	89.505	0.508	0.0	1.9	1196	90.874	89.505	0.499	0.0	1.9
1154	90.883	89.505	0.508	0.0	1.9	1198	90.873	89.505	0.498	0.0	1.9
1156	90.883	89.505	0.508	0.0	1.9	1200	90.872	89.505	0.497	0.0	1.9
1158	90.882	89.505	0.507	0.0	1.9	1202	90.872	89.505	0.497	0.0	1.9
1160	90.882	89.505	0.507	0.0	1.9	1204	90.872	89.505	0.497	0.0	1.9
1162	90.881	89.505	0.506	0.0	1.9	1206	90.871	89.505	0.496	0.0	1.9
1164	90.881	89.505	0.506	0.0	1.9	1208	90.871	89.505	0.496	0.0	1.9
1166	90.880	89.505	0.505	0.0	1.9	1210	90.870	89.505	0.495	0.0	1.9
1168	90.880	89.505	0.505	0.0	1.9	1212	90.870	89.505	0.495	0.0	1.9
1170	90.879	89.505	0.504	0.0	1.9	1214	90.869	89.505	0.494	0.0	1.9
1172	90.879	89.505	0.504	0.0	1.9	1216	90.869	89.505	0.494	0.0	1.9
1174	90.878	89.505	0.503	0.0	1.9	1218	90.868	89.505	0.493	0.0	1.9
1176	90.878	89.505	0.503	0.0	1.9	1220	90.868	89.505	0.493	0.0	1.9
1178	90.878	89.505	0.503	0.0	1.9	1222	90.867	89.505	0.492	0.0	1.9
1180	90.877	89.505	0.502	0.0	1.9	1224	90.867	89.505	0.492	0.0	1.9
1182	90.877	89.505	0.502	0.0	1.9	1226	90.867	89.505	0.492	0.0	1.9
1184	90.876	89.505	0.501	0.0	1.9	1228	90.866	89.505	0.491	0.0	1.9
1186	90.876	89.505	0.501	0.0	1.9	1230	90.866	89.505	0.491	0.0	1.9
1188	90.875	89.505	0.500	0.0	1.9	1232	90.865	89.505	0.490	0.0	1.9

Royal HaskoningDHV		Page 19
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
1234	90.865	89.505	0.490	0.0	1.9	1278	90.855	89.505	0.480	0.0	1.8
1236	90.864	89.505	0.489	0.0	1.9	1280	90.854	89.505	0.479	0.0	1.8
1238	90.864	89.505	0.489	0.0	1.9	1282	90.854	89.505	0.479	0.0	1.8
1240	90.863	89.505	0.488	0.0	1.8	1284	90.854	89.505	0.479	0.0	1.8
1242	90.863	89.505	0.488	0.0	1.8	1286	90.853	89.505	0.478	0.0	1.8
1244	90.862	89.505	0.487	0.0	1.8	1288	90.853	89.505	0.478	0.0	1.8
1246	90.862	89.505	0.487	0.0	1.8	1290	90.853	89.505	0.478	0.0	1.8
1248	90.862	89.505	0.487	0.0	1.8	1292	90.852	89.505	0.477	0.0	1.8
1250	90.861	89.505	0.486	0.0	1.8	1294	90.851	89.505	0.476	0.0	1.8
1252	90.861	89.505	0.486	0.0	1.8	1296	90.851	89.505	0.476	0.0	1.8
1254	90.860	89.505	0.485	0.0	1.8	1298	90.851	89.505	0.476	0.0	1.8
1256	90.859	89.505	0.484	0.0	1.8	1300	90.850	89.505	0.475	0.0	1.8
1258	90.859	89.505	0.484	0.0	1.8	1302	90.850	89.505	0.475	0.0	1.8
1260	90.858	89.505	0.483	0.0	1.8	1304	90.849	89.505	0.474	0.0	1.8
1262	90.858	89.505	0.483	0.0	1.8	1306	90.849	89.505	0.474	0.0	1.8
1264	90.858	89.505	0.483	0.0	1.8	1308	90.848	89.505	0.473	0.0	1.8
1266	90.857	89.505	0.482	0.0	1.8	1310	90.848	89.505	0.473	0.0	1.8
1268	90.857	89.505	0.482	0.0	1.8	1312	90.847	89.505	0.472	0.0	1.8
1270	90.856	89.505	0.481	0.0	1.8	1314	90.847	89.505	0.472	0.0	1.8
1272	90.856	89.505	0.481	0.0	1.8	1316	90.846	89.505	0.471	0.0	1.8
1274	90.856	89.505	0.481	0.0	1.8	1318	90.846	89.505	0.471	0.0	1.8
1276	90.855	89.505	0.480	0.0	1.8	1320	90.845	89.505	0.470	0.0	1.8

Royal HaskoningDHV		Page 20
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
1322	90.845	89.505	0.470	0.0	1.8	1366	90.834	89.505	0.459	0.0	1.8
1324	90.844	89.505	0.469	0.0	1.8	1368	90.834	89.505	0.459	0.0	1.8
1326	90.844	89.505	0.469	0.0	1.8	1370	90.834	89.505	0.459	0.0	1.8
1328	90.843	89.505	0.468	0.0	1.8	1372	90.833	89.505	0.458	0.0	1.8
1330	90.843	89.505	0.468	0.0	1.8	1374	90.833	89.505	0.458	0.0	1.8
1332	90.842	89.505	0.467	0.0	1.8	1376	90.832	89.505	0.457	0.0	1.8
1334	90.842	89.505	0.467	0.0	1.8	1378	90.832	89.505	0.457	0.0	1.8
1336	90.841	89.505	0.466	0.0	1.8	1380	90.831	89.505	0.456	0.0	1.8
1338	90.841	89.505	0.466	0.0	1.8	1382	90.832	89.505	0.457	0.0	1.8
1340	90.840	89.505	0.465	0.0	1.8	1384	90.832	89.505	0.457	0.0	1.8
1342	90.840	89.505	0.465	0.0	1.8	1386	90.832	89.505	0.457	0.0	1.8
1344	90.839	89.505	0.464	0.0	1.8	1388	90.832	89.505	0.457	0.0	1.8
1346	90.839	89.505	0.464	0.0	1.8	1390	90.832	89.505	0.457	0.0	1.8
1348	90.838	89.505	0.463	0.0	1.8	1392	90.831	89.505	0.456	0.0	1.8
1350	90.838	89.505	0.463	0.0	1.8	1394	90.831	89.505	0.456	0.0	1.8
1352	90.837	89.505	0.462	0.0	1.8	1396	90.830	89.505	0.455	0.0	1.8
1354	90.837	89.505	0.462	0.0	1.8	1398	90.830	89.505	0.455	0.0	1.8
1356	90.837	89.505	0.462	0.0	1.8	1400	90.829	89.505	0.454	0.0	1.8
1358	90.836	89.505	0.461	0.0	1.8	1402	90.829	89.505	0.454	0.0	1.8
1360	90.836	89.505	0.461	0.0	1.8	1404	90.828	89.505	0.453	0.0	1.8
1362	90.835	89.505	0.460	0.0	1.8	1406	90.828	89.505	0.453	0.0	1.8
1364	90.835	89.505	0.460	0.0	1.8	1408	90.828	89.505	0.453	0.0	1.8

Royal HaskoningDHV		Page 21
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
1410	90.827	89.505	0.452	0.0	1.8	1454	90.817	89.505	0.442	0.0	1.8
1412	90.827	89.505	0.452	0.0	1.8	1456	90.817	89.505	0.442	0.0	1.8
1414	90.826	89.505	0.451	0.0	1.8	1458	90.816	89.505	0.441	0.0	1.8
1416	90.826	89.505	0.451	0.0	1.8	1460	90.816	89.505	0.441	0.0	1.8
1418	90.825	89.505	0.450	0.0	1.8	1462	90.815	89.505	0.440	0.0	1.8
1420	90.825	89.505	0.450	0.0	1.8	1464	90.815	89.505	0.440	0.0	1.8
1422	90.824	89.505	0.449	0.0	1.8	1466	90.814	89.505	0.439	0.0	1.8
1424	90.824	89.505	0.449	0.0	1.8	1468	90.814	89.505	0.439	0.0	1.8
1426	90.823	89.505	0.448	0.0	1.8	1470	90.813	89.505	0.438	0.0	1.8
1428	90.823	89.505	0.448	0.0	1.8	1472	90.813	89.505	0.438	0.0	1.8
1430	90.823	89.505	0.448	0.0	1.8	1474	90.813	89.505	0.438	0.0	1.8
1432	90.822	89.505	0.447	0.0	1.8	1476	90.812	89.505	0.437	0.0	1.8
1434	90.822	89.505	0.447	0.0	1.8	1478	90.812	89.505	0.437	0.0	1.8
1436	90.821	89.505	0.446	0.0	1.8	1480	90.811	89.505	0.436	0.0	1.8
1438	90.821	89.505	0.446	0.0	1.8	1482	90.811	89.505	0.436	0.0	1.8
1440	90.820	89.505	0.445	0.0	1.8	1484	90.810	89.505	0.435	0.0	1.8
1442	90.820	89.505	0.445	0.0	1.8	1486	90.810	89.505	0.435	0.0	1.8
1444	90.819	89.505	0.444	0.0	1.8	1488	90.809	89.505	0.434	0.0	1.8
1446	90.819	89.505	0.444	0.0	1.8	1490	90.809	89.505	0.434	0.0	1.8
1448	90.818	89.505	0.443	0.0	1.8	1492	90.809	89.505	0.434	0.0	1.8
1450	90.818	89.505	0.443	0.0	1.8	1494	90.808	89.505	0.433	0.0	1.8
1452	90.818	89.505	0.443	0.0	1.8	1496	90.808	89.505	0.433	0.0	1.8

Royal HaskoningDHV		Page 22
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
1498	90.807	89.505	0.432	0.0	1.8	1542	90.797	89.505	0.422	0.0	1.8
1500	90.807	89.505	0.432	0.0	1.8	1544	90.797	89.505	0.422	0.0	1.8
1502	90.806	89.505	0.431	0.0	1.8	1546	90.796	89.505	0.421	0.0	1.8
1504	90.806	89.505	0.431	0.0	1.8	1548	90.796	89.505	0.421	0.0	1.8
1506	90.805	89.505	0.430	0.0	1.8	1550	90.796	89.505	0.421	0.0	1.8
1508	90.805	89.505	0.430	0.0	1.8	1552	90.795	89.505	0.420	0.0	1.8
1510	90.804	89.505	0.429	0.0	1.8	1554	90.795	89.505	0.420	0.0	1.8
1512	90.804	89.505	0.429	0.0	1.8	1556	90.794	89.505	0.419	0.0	1.8
1514	90.804	89.505	0.429	0.0	1.8	1558	90.794	89.505	0.419	0.0	1.8
1516	90.803	89.505	0.428	0.0	1.8	1560	90.793	89.505	0.418	0.0	1.8
1518	90.803	89.505	0.428	0.0	1.8	1562	90.793	89.505	0.418	0.0	1.8
1520	90.802	89.505	0.427	0.0	1.8	1564	90.792	89.505	0.417	0.0	1.8
1522	90.802	89.505	0.427	0.0	1.8	1566	90.792	89.505	0.417	0.0	1.8
1524	90.801	89.505	0.426	0.0	1.8	1568	90.792	89.505	0.417	0.0	1.8
1526	90.801	89.505	0.426	0.0	1.8	1570	90.791	89.505	0.416	0.0	1.8
1528	90.800	89.505	0.425	0.0	1.8	1572	90.791	89.505	0.416	0.0	1.8
1530	90.800	89.505	0.425	0.0	1.8	1574	90.790	89.505	0.415	0.0	1.8
1532	90.800	89.505	0.425	0.0	1.8	1576	90.790	89.505	0.415	0.0	1.8
1534	90.799	89.505	0.424	0.0	1.8	1578	90.789	89.505	0.414	0.0	1.8
1536	90.799	89.505	0.424	0.0	1.8	1580	90.789	89.505	0.414	0.0	1.8
1538	90.798	89.505	0.423	0.0	1.8	1582	90.788	89.505	0.413	0.0	1.8
1540	90.798	89.505	0.423	0.0	1.8	1584	90.788	89.505	0.413	0.0	1.8

Royal HaskoningDHV		Page 23
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
1586	90.787	89.505	0.412	0.0	1.8	1630	90.778	89.505	0.403	0.0	1.8
1588	90.787	89.505	0.412	0.0	1.8	1632	90.777	89.505	0.402	0.0	1.8
1590	90.787	89.505	0.412	0.0	1.8	1634	90.777	89.505	0.402	0.0	1.8
1592	90.786	89.505	0.411	0.0	1.8	1636	90.776	89.505	0.401	0.0	1.8
1594	90.786	89.505	0.411	0.0	1.8	1638	90.776	89.505	0.401	0.0	1.8
1596	90.785	89.505	0.410	0.0	1.8	1640	90.775	89.505	0.400	0.0	1.8
1598	90.785	89.505	0.410	0.0	1.8	1642	90.775	89.505	0.400	0.0	1.8
1600	90.784	89.505	0.409	0.0	1.8	1644	90.774	89.505	0.399	0.0	1.8
1602	90.784	89.505	0.409	0.0	1.8	1646	90.774	89.505	0.399	0.0	1.8
1604	90.783	89.505	0.408	0.0	1.8	1648	90.773	89.505	0.398	0.0	1.8
1606	90.783	89.505	0.408	0.0	1.8	1650	90.773	89.505	0.398	0.0	1.8
1608	90.782	89.505	0.407	0.0	1.8	1652	90.772	89.505	0.397	0.0	1.8
1610	90.782	89.505	0.407	0.0	1.8	1654	90.772	89.505	0.397	0.0	1.7
1612	90.782	89.505	0.407	0.0	1.8	1656	90.772	89.505	0.397	0.0	1.7
1614	90.781	89.505	0.406	0.0	1.8	1658	90.771	89.505	0.396	0.0	1.7
1616	90.781	89.505	0.406	0.0	1.8	1660	90.771	89.505	0.396	0.0	1.7
1618	90.780	89.505	0.405	0.0	1.8	1662	90.770	89.505	0.395	0.0	1.7
1620	90.780	89.505	0.405	0.0	1.8	1664	90.770	89.505	0.395	0.0	1.7
1622	90.779	89.505	0.404	0.0	1.8	1666	90.769	89.505	0.394	0.0	1.7
1624	90.779	89.505	0.404	0.0	1.8	1668	90.769	89.505	0.394	0.0	1.7
1626	90.778	89.505	0.403	0.0	1.8	1670	90.768	89.505	0.393	0.0	1.7
1628	90.778	89.505	0.403	0.0	1.8	1672	90.768	89.505	0.393	0.0	1.7

Royal HaskoningDHV		Page 24
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
1674	90.767	89.505	0.392	0.0	1.7	1718	90.757	89.505	0.382	0.0	1.7
1676	90.767	89.505	0.392	0.0	1.7	1720	90.757	89.505	0.382	0.0	1.7
1678	90.766	89.505	0.391	0.0	1.7	1722	90.756	89.505	0.381	0.0	1.7
1680	90.766	89.505	0.391	0.0	1.7	1724	90.756	89.505	0.381	0.0	1.7
1682	90.766	89.505	0.391	0.0	1.7	1726	90.755	89.505	0.380	0.0	1.7
1684	90.765	89.505	0.390	0.0	1.7	1728	90.755	89.505	0.380	0.0	1.7
1686	90.765	89.505	0.390	0.0	1.7	1730	90.754	89.505	0.379	0.0	1.7
1688	90.764	89.505	0.389	0.0	1.7	1732	90.754	89.505	0.379	0.0	1.7
1690	90.764	89.505	0.389	0.0	1.7	1734	90.754	89.505	0.379	0.0	1.7
1692	90.763	89.505	0.388	0.0	1.7	1736	90.753	89.505	0.378	0.0	1.7
1694	90.763	89.505	0.388	0.0	1.7	1738	90.753	89.505	0.378	0.0	1.7
1696	90.762	89.505	0.387	0.0	1.7	1740	90.752	89.505	0.377	0.0	1.7
1698	90.762	89.505	0.387	0.0	1.7	1742	90.752	89.505	0.377	0.0	1.7
1700	90.761	89.505	0.386	0.0	1.7	1744	90.751	89.505	0.376	0.0	1.7
1702	90.761	89.505	0.386	0.0	1.7	1746	90.751	89.505	0.376	0.0	1.7
1704	90.760	89.505	0.385	0.0	1.7	1748	90.750	89.505	0.375	0.0	1.7
1706	90.760	89.505	0.385	0.0	1.7	1750	90.750	89.505	0.375	0.0	1.7
1708	90.759	89.505	0.384	0.0	1.7	1752	90.749	89.505	0.374	0.0	1.7
1710	90.759	89.505	0.384	0.0	1.7	1754	90.749	89.505	0.374	0.0	1.7
1712	90.759	89.505	0.384	0.0	1.7	1756	90.748	89.505	0.373	0.0	1.7
1714	90.758	89.505	0.383	0.0	1.7	1758	90.748	89.505	0.373	0.0	1.7
1716	90.758	89.505	0.383	0.0	1.7	1760	90.748	89.505	0.373	0.0	1.7

Royal HaskoningDHV		Page 25
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
1762	90.747	89.505	0.372	0.0	1.7	1806	90.737	89.505	0.362	0.0	1.7
1764	90.747	89.505	0.372	0.0	1.7	1808	90.737	89.505	0.362	0.0	1.7
1766	90.746	89.505	0.371	0.0	1.7	1810	90.736	89.505	0.361	0.0	1.7
1768	90.746	89.505	0.371	0.0	1.7	1812	90.736	89.505	0.361	0.0	1.7
1770	90.745	89.505	0.370	0.0	1.7	1814	90.735	89.505	0.360	0.0	1.7
1772	90.745	89.505	0.370	0.0	1.7	1816	90.735	89.505	0.360	0.0	1.7
1774	90.744	89.505	0.369	0.0	1.7	1818	90.734	89.505	0.359	0.0	1.7
1776	90.744	89.505	0.369	0.0	1.7	1820	90.734	89.505	0.359	0.0	1.7
1778	90.743	89.505	0.368	0.0	1.7	1822	90.733	89.505	0.358	0.0	1.7
1780	90.743	89.505	0.368	0.0	1.7	1824	90.733	89.505	0.358	0.0	1.7
1782	90.742	89.505	0.367	0.0	1.7	1826	90.733	89.505	0.358	0.0	1.7
1784	90.742	89.505	0.367	0.0	1.7	1828	90.732	89.505	0.357	0.0	1.7
1786	90.742	89.505	0.367	0.0	1.7	1830	90.732	89.505	0.357	0.0	1.7
1788	90.741	89.505	0.366	0.0	1.7	1832	90.731	89.505	0.356	0.0	1.7
1790	90.741	89.505	0.366	0.0	1.7	1834	90.731	89.505	0.356	0.0	1.7
1792	90.740	89.505	0.365	0.0	1.7	1836	90.730	89.505	0.355	0.0	1.7
1794	90.740	89.505	0.365	0.0	1.7	1838	90.730	89.505	0.355	0.0	1.7
1796	90.739	89.505	0.364	0.0	1.7	1840	90.729	89.505	0.354	0.0	1.7
1798	90.739	89.505	0.364	0.0	1.7	1842	90.729	89.505	0.354	0.0	1.7
1800	90.738	89.505	0.363	0.0	1.7	1844	90.728	89.505	0.353	0.0	1.7
1802	90.738	89.505	0.363	0.0	1.7	1846	90.728	89.505	0.353	0.0	1.7
1804	90.737	89.505	0.362	0.0	1.7	1848	90.728	89.505	0.353	0.0	1.7

Royal HaskoningDHV		Page 26
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
1850	90.727	89.505	0.352	0.0	1.7	1894	90.717	89.505	0.342	0.0	1.7
1852	90.727	89.505	0.352	0.0	1.7	1896	90.717	89.505	0.342	0.0	1.7
1854	90.726	89.505	0.351	0.0	1.7	1898	90.716	89.505	0.341	0.0	1.7
1856	90.726	89.505	0.351	0.0	1.7	1900	90.716	89.505	0.341	0.0	1.7
1858	90.725	89.505	0.350	0.0	1.7	1902	90.715	89.505	0.340	0.0	1.7
1860	90.725	89.505	0.350	0.0	1.7	1904	90.715	89.505	0.340	0.0	1.7
1862	90.724	89.505	0.349	0.0	1.7	1906	90.714	89.505	0.339	0.0	1.7
1864	90.724	89.505	0.349	0.0	1.7	1908	90.714	89.505	0.339	0.0	1.7
1866	90.723	89.505	0.348	0.0	1.7	1910	90.714	89.505	0.339	0.0	1.7
1868	90.723	89.505	0.348	0.0	1.7	1912	90.713	89.505	0.338	0.0	1.7
1870	90.723	89.505	0.348	0.0	1.7	1914	90.713	89.505	0.338	0.0	1.7
1872	90.722	89.505	0.347	0.0	1.7	1916	90.712	89.505	0.337	0.0	1.7
1874	90.722	89.505	0.347	0.0	1.7	1918	90.712	89.505	0.337	0.0	1.7
1876	90.721	89.505	0.346	0.0	1.7	1920	90.711	89.505	0.336	0.0	1.7
1878	90.721	89.505	0.346	0.0	1.7	1922	90.711	89.505	0.336	0.0	1.7
1880	90.720	89.505	0.345	0.0	1.7	1924	90.710	89.505	0.335	0.0	1.7
1882	90.720	89.505	0.345	0.0	1.7	1926	90.710	89.505	0.335	0.0	1.7
1884	90.719	89.505	0.344	0.0	1.7	1928	90.710	89.505	0.335	0.0	1.7
1886	90.719	89.505	0.344	0.0	1.7	1930	90.709	89.505	0.334	0.0	1.7
1888	90.718	89.505	0.343	0.0	1.7	1932	90.709	89.505	0.334	0.0	1.7
1890	90.718	89.505	0.343	0.0	1.7	1934	90.708	89.505	0.333	0.0	1.7
1892	90.718	89.505	0.343	0.0	1.7	1936	90.708	89.505	0.333	0.0	1.7

Royal HaskoningDHV		Page 27
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
1938	90.707	89.505	0.332	0.0	1.7	1982	90.698	89.505	0.323	0.0	1.7
1940	90.707	89.505	0.332	0.0	1.7	1984	90.697	89.505	0.322	0.0	1.7
1942	90.706	89.505	0.331	0.0	1.7	1986	90.697	89.505	0.322	0.0	1.7
1944	90.706	89.505	0.331	0.0	1.7	1988	90.696	89.505	0.321	0.0	1.7
1946	90.706	89.505	0.331	0.0	1.7	1990	90.696	89.505	0.321	0.0	1.7
1948	90.705	89.505	0.330	0.0	1.7	1992	90.695	89.505	0.320	0.0	1.7
1950	90.705	89.505	0.330	0.0	1.7	1994	90.695	89.505	0.320	0.0	1.7
1952	90.704	89.505	0.329	0.0	1.7	1996	90.694	89.505	0.319	0.0	1.7
1954	90.704	89.505	0.329	0.0	1.7	1998	90.694	89.505	0.319	0.0	1.7
1956	90.703	89.505	0.328	0.0	1.7	2000	90.694	89.505	0.319	0.0	1.7
1958	90.703	89.505	0.328	0.0	1.7	2002	90.693	89.505	0.318	0.0	1.7
1960	90.702	89.505	0.327	0.0	1.7	2004	90.693	89.505	0.318	0.0	1.7
1962	90.702	89.505	0.327	0.0	1.7	2006	90.692	89.505	0.317	0.0	1.7
1964	90.702	89.505	0.327	0.0	1.7	2008	90.692	89.505	0.317	0.0	1.7
1966	90.701	89.505	0.326	0.0	1.7	2010	90.691	89.505	0.316	0.0	1.7
1968	90.701	89.505	0.326	0.0	1.7	2012	90.691	89.505	0.316	0.0	1.7
1970	90.700	89.505	0.325	0.0	1.7	2014	90.690	89.505	0.315	0.0	1.7
1972	90.700	89.505	0.325	0.0	1.7	2016	90.690	89.505	0.315	0.0	1.7
1974	90.699	89.505	0.324	0.0	1.7	2018	90.690	89.505	0.315	0.0	1.7
1976	90.699	89.505	0.324	0.0	1.7	2020	90.689	89.505	0.314	0.0	1.7
1978	90.698	89.505	0.323	0.0	1.7	2022	90.689	89.505	0.314	0.0	1.7
1980	90.698	89.505	0.323	0.0	1.7	2024	90.688	89.505	0.313	0.0	1.7

Royal HaskoningDHV		Page 28
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
2026	90.688	89.505	0.313	0.0	1.7	2070	90.678	89.505	0.303	0.0	1.6
2028	90.687	89.505	0.312	0.0	1.7	2072	90.677	89.505	0.302	0.0	1.6
2030	90.687	89.505	0.312	0.0	1.6	2074	90.677	89.505	0.302	0.0	1.6
2032	90.687	89.505	0.312	0.0	1.6	2076	90.677	89.505	0.302	0.0	1.6
2034	90.686	89.505	0.311	0.0	1.6	2078	90.676	89.505	0.301	0.0	1.6
2036	90.686	89.505	0.311	0.0	1.6	2080	90.676	89.505	0.301	0.0	1.6
2038	90.685	89.505	0.310	0.0	1.6	2082	90.675	89.505	0.300	0.0	1.6
2040	90.685	89.505	0.310	0.0	1.6	2084	90.675	89.505	0.300	0.0	1.6
2042	90.684	89.505	0.309	0.0	1.6	2086	90.674	89.505	0.299	0.0	1.6
2044	90.684	89.505	0.309	0.0	1.6	2088	90.674	89.505	0.299	0.0	1.6
2046	90.683	89.505	0.308	0.0	1.6	2090	90.673	89.505	0.298	0.0	1.6
2048	90.683	89.505	0.308	0.0	1.6	2092	90.673	89.505	0.298	0.0	1.6
2050	90.682	89.505	0.307	0.0	1.6	2094	90.672	89.505	0.297	0.0	1.6
2052	90.682	89.505	0.307	0.0	1.6	2096	90.672	89.505	0.297	0.0	1.6
2054	90.682	89.505	0.307	0.0	1.6	2098	90.672	89.505	0.297	0.0	1.6
2056	90.681	89.505	0.306	0.0	1.6	2100	90.671	89.505	0.296	0.0	1.6
2058	90.681	89.505	0.306	0.0	1.6	2102	90.671	89.505	0.296	0.0	1.6
2060	90.680	89.505	0.305	0.0	1.6	2104	90.670	89.505	0.295	0.0	1.6
2062	90.680	89.505	0.305	0.0	1.6	2106	90.670	89.505	0.295	0.0	1.6
2064	90.679	89.505	0.304	0.0	1.6	2108	90.669	89.505	0.294	0.0	1.6
2066	90.679	89.505	0.304	0.0	1.6	2110	90.669	89.505	0.294	0.0	1.6
2068	90.678	89.505	0.303	0.0	1.6	2112	90.668	89.505	0.293	0.0	1.6

Royal HaskoningDHV		Page 29
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
2114	90.668	89.505	0.293	0.0	1.6	2158	90.658	89.505	0.283	0.0	1.6
2116	90.667	89.505	0.292	0.0	1.6	2160	90.657	89.505	0.282	0.0	1.6
2118	90.667	89.505	0.292	0.0	1.6	2162	90.657	89.505	0.282	0.0	1.6
2120	90.666	89.505	0.291	0.0	1.6	2164	90.656	89.505	0.281	0.0	1.6
2122	90.666	89.505	0.291	0.0	1.6	2166	90.656	89.505	0.281	0.0	1.6
2124	90.666	89.505	0.291	0.0	1.6	2168	90.655	89.505	0.280	0.0	1.6
2126	90.665	89.505	0.290	0.0	1.6	2170	90.655	89.505	0.280	0.0	1.6
2128	90.665	89.505	0.290	0.0	1.6	2172	90.655	89.505	0.280	0.0	1.6
2130	90.664	89.505	0.289	0.0	1.6	2174	90.654	89.505	0.279	0.0	1.6
2132	90.664	89.505	0.289	0.0	1.6	2176	90.654	89.505	0.279	0.0	1.6
2134	90.663	89.505	0.288	0.0	1.6	2178	90.653	89.505	0.278	0.0	1.6
2136	90.663	89.505	0.288	0.0	1.6	2180	90.653	89.505	0.278	0.0	1.6
2138	90.662	89.505	0.287	0.0	1.6	2182	90.652	89.505	0.277	0.0	1.6
2140	90.662	89.505	0.287	0.0	1.6	2184	90.652	89.505	0.277	0.0	1.6
2142	90.661	89.505	0.286	0.0	1.6	2186	90.651	89.505	0.276	0.0	1.6
2144	90.661	89.505	0.286	0.0	1.6	2188	90.651	89.505	0.276	0.0	1.6
2146	90.661	89.505	0.286	0.0	1.6	2190	90.650	89.505	0.275	0.0	1.6
2148	90.660	89.505	0.285	0.0	1.6	2192	90.650	89.505	0.275	0.0	1.6
2150	90.660	89.505	0.285	0.0	1.6	2194	90.649	89.505	0.274	0.0	1.6
2152	90.659	89.505	0.284	0.0	1.6	2196	90.649	89.505	0.274	0.0	1.6
2154	90.659	89.505	0.284	0.0	1.6	2198	90.649	89.505	0.274	0.0	1.6
2156	90.658	89.505	0.283	0.0	1.6	2200	90.648	89.505	0.273	0.0	1.6

Royal HaskoningDHV		Page 30
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
2202	90.648	89.505	0.273	0.0	1.6	2246	90.638	89.505	0.263	0.0	1.6
2204	90.647	89.505	0.272	0.0	1.6	2248	90.637	89.505	0.262	0.0	1.6
2206	90.647	89.505	0.272	0.0	1.6	2250	90.637	89.505	0.262	0.0	1.6
2208	90.646	89.505	0.271	0.0	1.6	2252	90.636	89.505	0.261	0.0	1.6
2210	90.646	89.505	0.271	0.0	1.6	2254	90.636	89.505	0.261	0.0	1.6
2212	90.645	89.505	0.270	0.0	1.6	2256	90.635	89.505	0.260	0.0	1.6
2214	90.645	89.505	0.270	0.0	1.6	2258	90.635	89.505	0.260	0.0	1.6
2216	90.645	89.505	0.270	0.0	1.6	2260	90.634	89.505	0.259	0.0	1.6
2218	90.644	89.505	0.269	0.0	1.6	2262	90.634	89.505	0.259	0.0	1.6
2220	90.644	89.505	0.269	0.0	1.6	2264	90.634	89.505	0.259	0.0	1.6
2222	90.643	89.505	0.268	0.0	1.6	2266	90.633	89.505	0.258	0.0	1.6
2224	90.643	89.505	0.268	0.0	1.6	2268	90.633	89.505	0.258	0.0	1.6
2226	90.642	89.505	0.267	0.0	1.6	2270	90.632	89.505	0.257	0.0	1.6
2228	90.642	89.505	0.267	0.0	1.6	2272	90.632	89.505	0.257	0.0	1.6
2230	90.641	89.505	0.266	0.0	1.6	2274	90.631	89.505	0.256	0.0	1.6
2232	90.641	89.505	0.266	0.0	1.6	2276	90.631	89.505	0.256	0.0	1.6
2234	90.640	89.505	0.265	0.0	1.6	2278	90.630	89.505	0.255	0.0	1.6
2236	90.640	89.505	0.265	0.0	1.6	2280	90.630	89.505	0.255	0.0	1.6
2238	90.640	89.505	0.265	0.0	1.6	2282	90.630	89.505	0.255	0.0	1.6
2240	90.639	89.505	0.264	0.0	1.6	2284	90.629	89.505	0.254	0.0	1.6
2242	90.639	89.505	0.264	0.0	1.6	2286	90.629	89.505	0.254	0.0	1.6
2244	90.638	89.505	0.263	0.0	1.6	2288	90.628	89.505	0.253	0.0	1.6

Royal HaskoningDHV		Page 31
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
2290	90.628	89.505	0.253	0.0	1.6	2334	90.618	89.505	0.243	0.0	1.6
2292	90.627	89.505	0.252	0.0	1.6	2336	90.617	89.505	0.242	0.0	1.6
2294	90.627	89.505	0.252	0.0	1.6	2338	90.617	89.505	0.242	0.0	1.6
2296	90.626	89.505	0.251	0.0	1.6	2340	90.616	89.505	0.241	0.0	1.6
2298	90.626	89.505	0.251	0.0	1.6	2342	90.616	89.505	0.241	0.0	1.6
2300	90.625	89.505	0.250	0.0	1.6	2344	90.616	89.505	0.241	0.0	1.6
2302	90.625	89.505	0.250	0.0	1.6	2346	90.615	89.505	0.240	0.0	1.6
2304	90.625	89.505	0.250	0.0	1.6	2348	90.615	89.505	0.240	0.0	1.6
2306	90.624	89.505	0.249	0.0	1.6	2350	90.614	89.505	0.239	0.0	1.6
2308	90.624	89.505	0.249	0.0	1.6	2352	90.614	89.505	0.239	0.0	1.6
2310	90.623	89.505	0.248	0.0	1.6	2354	90.613	89.505	0.238	0.0	1.6
2312	90.623	89.505	0.248	0.0	1.6	2356	90.613	89.505	0.238	0.0	1.6
2314	90.622	89.505	0.247	0.0	1.6	2358	90.612	89.505	0.237	0.0	1.6
2316	90.622	89.505	0.247	0.0	1.6	2360	90.612	89.505	0.237	0.0	1.6
2318	90.621	89.505	0.246	0.0	1.6	2362	90.612	89.505	0.237	0.0	1.6
2320	90.621	89.505	0.246	0.0	1.6	2364	90.611	89.505	0.236	0.0	1.6
2322	90.620	89.505	0.245	0.0	1.6	2366	90.611	89.505	0.236	0.0	1.6
2324	90.620	89.505	0.245	0.0	1.6	2368	90.610	89.505	0.235	0.0	1.6
2326	90.620	89.505	0.245	0.0	1.6	2370	90.610	89.505	0.235	0.0	1.6
2328	90.619	89.505	0.244	0.0	1.6	2372	90.609	89.505	0.234	0.0	1.6
2330	90.619	89.505	0.244	0.0	1.6	2374	90.609	89.505	0.234	0.0	1.6
2332	90.618	89.505	0.243	0.0	1.6	2376	90.608	89.505	0.233	0.0	1.6

Royal HaskoningDHV		Page 32
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
2378	90.608	89.505	0.233	0.0	1.6	2422	90.598	89.505	0.223	0.0	1.5
2380	90.608	89.505	0.233	0.0	1.5	2424	90.598	89.505	0.223	0.0	1.5
2382	90.607	89.505	0.232	0.0	1.5	2426	90.597	89.505	0.222	0.0	1.5
2384	90.607	89.505	0.232	0.0	1.5	2428	90.597	89.505	0.222	0.0	1.5
2386	90.606	89.505	0.231	0.0	1.5	2430	90.597	89.505	0.222	0.0	1.5
2388	90.606	89.505	0.231	0.0	1.5	2432	90.596	89.505	0.221	0.0	1.5
2390	90.605	89.505	0.230	0.0	1.5	2434	90.596	89.505	0.221	0.0	1.5
2392	90.605	89.505	0.230	0.0	1.5	2436	90.595	89.505	0.220	0.0	1.5
2394	90.604	89.505	0.229	0.0	1.5	2438	90.595	89.505	0.220	0.0	1.5
2396	90.604	89.505	0.229	0.0	1.5	2440	90.594	89.505	0.219	0.0	1.5
2398	90.604	89.505	0.229	0.0	1.5	2442	90.594	89.505	0.219	0.0	1.5
2400	90.603	89.505	0.228	0.0	1.5	2444	90.593	89.505	0.218	0.0	1.5
2402	90.603	89.505	0.228	0.0	1.5	2446	90.593	89.505	0.218	0.0	1.5
2404	90.602	89.505	0.227	0.0	1.5	2448	90.593	89.505	0.218	0.0	1.5
2406	90.602	89.505	0.227	0.0	1.5	2450	90.592	89.505	0.217	0.0	1.5
2408	90.601	89.505	0.226	0.0	1.5	2452	90.592	89.505	0.217	0.0	1.5
2410	90.601	89.505	0.226	0.0	1.5	2454	90.591	89.505	0.216	0.0	1.5
2412	90.600	89.505	0.225	0.0	1.5	2456	90.591	89.505	0.216	0.0	1.5
2414	90.600	89.505	0.225	0.0	1.5	2458	90.590	89.505	0.215	0.0	1.5
2416	90.600	89.505	0.225	0.0	1.5	2460	90.590	89.505	0.215	0.0	1.5
2418	90.599	89.505	0.224	0.0	1.5	2462	90.589	89.505	0.214	0.0	1.5
2420	90.599	89.505	0.224	0.0	1.5	2464	90.589	89.505	0.214	0.0	1.5

Royal HaskoningDHV		Page 33
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
2466	90.589	89.505	0.214	0.0	1.5	2510	90.579	89.505	0.204	0.0	1.5
2468	90.588	89.505	0.213	0.0	1.5	2512	90.578	89.505	0.203	0.0	1.5
2470	90.588	89.505	0.213	0.0	1.5	2514	90.578	89.505	0.203	0.0	1.5
2472	90.587	89.505	0.212	0.0	1.5	2516	90.578	89.505	0.203	0.0	1.5
2474	90.587	89.505	0.212	0.0	1.5	2518	90.577	89.505	0.202	0.0	1.5
2476	90.586	89.505	0.211	0.0	1.5	2520	90.577	89.505	0.202	0.0	1.5
2478	90.586	89.505	0.211	0.0	1.5	2522	90.576	89.505	0.201	0.0	1.5
2480	90.586	89.505	0.211	0.0	1.5	2524	90.576	89.505	0.201	0.0	1.5
2482	90.585	89.505	0.210	0.0	1.5	2526	90.575	89.505	0.200	0.0	1.5
2484	90.585	89.505	0.210	0.0	1.5	2528	90.575	89.505	0.200	0.0	1.5
2486	90.584	89.505	0.209	0.0	1.5	2530	90.574	89.505	0.199	0.0	1.5
2488	90.584	89.505	0.209	0.0	1.5	2532	90.574	89.505	0.199	0.0	1.5
2490	90.583	89.505	0.208	0.0	1.5	2534	90.573	89.505	0.198	0.0	1.5
2492	90.583	89.505	0.208	0.0	1.5	2536	90.573	89.505	0.198	0.0	1.5
2494	90.582	89.505	0.207	0.0	1.5	2538	90.573	89.505	0.198	0.0	1.5
2496	90.582	89.505	0.207	0.0	1.5	2540	90.572	89.505	0.197	0.0	1.5
2498	90.582	89.505	0.207	0.0	1.5	2542	90.572	89.505	0.197	0.0	1.5
2500	90.581	89.505	0.206	0.0	1.5	2544	90.571	89.505	0.196	0.0	1.5
2502	90.581	89.505	0.206	0.0	1.5	2546	90.571	89.505	0.196	0.0	1.5
2504	90.580	89.505	0.205	0.0	1.5	2548	90.570	89.505	0.195	0.0	1.5
2506	90.580	89.505	0.205	0.0	1.5	2550	90.570	89.505	0.195	0.0	1.5
2508	90.579	89.505	0.204	0.0	1.5	2552	90.569	89.505	0.194	0.0	1.5

Royal HaskoningDHV		Page 34
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
2554	90.569	89.505	0.194	0.0	1.5	2598	90.559	89.505	0.184	0.0	1.5
2556	90.568	89.505	0.193	0.0	1.5	2600	90.558	89.505	0.183	0.0	1.5
2558	90.568	89.505	0.193	0.0	1.5	2602	90.558	89.505	0.183	0.0	1.5
2560	90.567	89.505	0.192	0.0	1.5	2604	90.557	89.505	0.182	0.0	1.5
2562	90.567	89.505	0.192	0.0	1.5	2606	90.557	89.505	0.182	0.0	1.5
2564	90.567	89.505	0.192	0.0	1.5	2608	90.557	89.505	0.182	0.0	1.5
2566	90.566	89.505	0.191	0.0	1.5	2610	90.556	89.505	0.181	0.0	1.5
2568	90.566	89.505	0.191	0.0	1.5	2612	90.556	89.505	0.181	0.0	1.5
2570	90.565	89.505	0.190	0.0	1.5	2614	90.555	89.505	0.180	0.0	1.5
2572	90.565	89.505	0.190	0.0	1.5	2616	90.555	89.505	0.180	0.0	1.5
2574	90.564	89.505	0.189	0.0	1.5	2618	90.554	89.505	0.179	0.0	1.5
2576	90.564	89.505	0.189	0.0	1.5	2620	90.554	89.505	0.179	0.0	1.5
2578	90.563	89.505	0.188	0.0	1.5	2622	90.553	89.505	0.178	0.0	1.5
2580	90.563	89.505	0.188	0.0	1.5	2624	90.553	89.505	0.178	0.0	1.5
2582	90.562	89.505	0.187	0.0	1.5	2626	90.552	89.505	0.177	0.0	1.5
2584	90.562	89.505	0.187	0.0	1.5	2628	90.552	89.505	0.177	0.0	1.5
2586	90.562	89.505	0.187	0.0	1.5	2630	90.552	89.505	0.177	0.0	1.5
2588	90.561	89.505	0.186	0.0	1.5	2632	90.551	89.505	0.176	0.0	1.5
2590	90.561	89.505	0.186	0.0	1.5	2634	90.551	89.505	0.176	0.0	1.5
2592	90.560	89.505	0.185	0.0	1.5	2636	90.550	89.505	0.175	0.0	1.5
2594	90.560	89.505	0.185	0.0	1.5	2638	90.550	89.505	0.175	0.0	1.5
2596	90.559	89.505	0.184	0.0	1.5	2640	90.549	89.505	0.174	0.0	1.5

Royal HaskoningDHV		Page 35
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
2642	90.549	89.505	0.174	0.0	1.5	2686	90.539	89.505	0.164	0.0	1.5
2644	90.548	89.505	0.173	0.0	1.5	2688	90.538	89.505	0.163	0.0	1.5
2646	90.548	89.505	0.173	0.0	1.5	2690	90.538	89.505	0.163	0.0	1.5
2648	90.547	89.505	0.172	0.0	1.5	2692	90.537	89.505	0.162	0.0	1.5
2650	90.547	89.505	0.172	0.0	1.5	2694	90.537	89.505	0.162	0.0	1.5
2652	90.546	89.505	0.171	0.0	1.5	2696	90.536	89.505	0.161	0.0	1.5
2654	90.546	89.505	0.171	0.0	1.5	2698	90.536	89.505	0.161	0.0	1.5
2656	90.546	89.505	0.171	0.0	1.5	2700	90.536	89.505	0.161	0.0	1.5
2658	90.545	89.505	0.170	0.0	1.5	2702	90.535	89.505	0.160	0.0	1.5
2660	90.545	89.505	0.170	0.0	1.5	2704	90.535	89.505	0.160	0.0	1.5
2662	90.544	89.505	0.169	0.0	1.5	2706	90.534	89.505	0.159	0.0	1.4
2664	90.544	89.505	0.169	0.0	1.5	2708	90.534	89.505	0.159	0.0	1.4
2666	90.543	89.505	0.168	0.0	1.5	2710	90.533	89.505	0.158	0.0	1.4
2668	90.543	89.505	0.168	0.0	1.5	2712	90.533	89.505	0.158	0.0	1.4
2670	90.542	89.505	0.167	0.0	1.5	2714	90.532	89.505	0.157	0.0	1.4
2672	90.542	89.505	0.167	0.0	1.5	2716	90.532	89.505	0.157	0.0	1.4
2674	90.541	89.505	0.166	0.0	1.5	2718	90.531	89.505	0.156	0.0	1.4
2676	90.541	89.505	0.166	0.0	1.5	2720	90.531	89.505	0.156	0.0	1.4
2678	90.540	89.505	0.165	0.0	1.5	2722	90.531	89.505	0.156	0.0	1.4
2680	90.540	89.505	0.165	0.0	1.5	2724	90.530	89.505	0.155	0.0	1.4
2682	90.540	89.505	0.165	0.0	1.5	2726	90.530	89.505	0.155	0.0	1.4
2684	90.539	89.505	0.164	0.0	1.5	2728	90.529	89.505	0.154	0.0	1.4

Royal HaskoningDHV		Page 36
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
2730	90.529	89.505	0.154	0.0	1.4	2774	90.519	89.505	0.144	0.0	1.4
2732	90.528	89.505	0.153	0.0	1.4	2776	90.518	89.505	0.143	0.0	1.4
2734	90.528	89.505	0.153	0.0	1.4	2778	90.518	89.505	0.143	0.0	1.4
2736	90.527	89.505	0.152	0.0	1.4	2780	90.517	89.505	0.142	0.0	1.4
2738	90.527	89.505	0.152	0.0	1.4	2782	90.517	89.505	0.142	0.0	1.4
2740	90.526	89.505	0.151	0.0	1.4	2784	90.517	89.505	0.142	0.0	1.4
2742	90.526	89.505	0.151	0.0	1.4	2786	90.516	89.505	0.141	0.0	1.4
2744	90.526	89.505	0.151	0.0	1.4	2788	90.516	89.505	0.141	0.0	1.4
2746	90.525	89.505	0.150	0.0	1.4	2790	90.515	89.505	0.140	0.0	1.4
2748	90.525	89.505	0.150	0.0	1.4	2792	90.515	89.505	0.140	0.0	1.4
2750	90.524	89.505	0.149	0.0	1.4	2794	90.514	89.505	0.139	0.0	1.4
2752	90.524	89.505	0.149	0.0	1.4	2796	90.514	89.505	0.139	0.0	1.4
2754	90.523	89.505	0.148	0.0	1.4	2798	90.513	89.505	0.138	0.0	1.4
2756	90.523	89.505	0.148	0.0	1.4	2800	90.513	89.505	0.138	0.0	1.4
2758	90.522	89.505	0.147	0.0	1.4	2802	90.513	89.505	0.138	0.0	1.4
2760	90.522	89.505	0.147	0.0	1.4	2804	90.512	89.505	0.137	0.0	1.4
2762	90.521	89.505	0.146	0.0	1.4	2806	90.512	89.505	0.137	0.0	1.4
2764	90.521	89.505	0.146	0.0	1.4	2808	90.511	89.505	0.136	0.0	1.4
2766	90.521	89.505	0.146	0.0	1.4	2810	90.511	89.505	0.136	0.0	1.4
2768	90.520	89.505	0.145	0.0	1.4	2812	90.510	89.505	0.135	0.0	1.4
2770	90.520	89.505	0.145	0.0	1.4	2814	90.510	89.505	0.135	0.0	1.4
2772	90.519	89.505	0.144	0.0	1.4	2816	90.509	89.505	0.134	0.0	1.4

Royal HaskoningDHV		Page 37
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (1 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
2818	90.509	89.505	0.134	0.0	1.4	2850	90.502	89.505	0.127	0.0	1.4
2820	90.509	89.505	0.134	0.0	1.4	2852	90.501	89.505	0.126	0.0	1.4
2822	90.508	89.505	0.133	0.0	1.4	2854	90.501	89.505	0.126	0.0	1.4
2824	90.508	89.505	0.133	0.0	1.4	2856	90.501	89.505	0.126	0.0	1.4
2826	90.507	89.505	0.132	0.0	1.4	2858	90.500	89.505	0.125	0.0	1.4
2828	90.507	89.505	0.132	0.0	1.4	2860	90.500	89.505	0.125	0.0	1.4
2830	90.506	89.505	0.131	0.0	1.4	2862	90.499	89.505	0.124	0.0	1.4
2832	90.506	89.505	0.131	0.0	1.4	2864	90.499	89.505	0.124	0.0	1.4
2834	90.505	89.505	0.130	0.0	1.4	2866	90.498	89.505	0.123	0.0	1.4
2836	90.505	89.505	0.130	0.0	1.4	2868	90.498	89.505	0.123	0.0	1.4
2838	90.505	89.505	0.130	0.0	1.4	2870	90.498	89.505	0.123	0.0	1.4
2840	90.504	89.505	0.129	0.0	1.4	2872	90.497	89.505	0.122	0.0	1.4
2842	90.504	89.505	0.129	0.0	1.4	2874	90.497	89.505	0.122	0.0	1.4
2844	90.503	89.505	0.128	0.0	1.4	2876	90.496	89.505	0.121	0.0	1.4
2846	90.503	89.505	0.128	0.0	1.4	2878	90.496	89.505	0.121	0.0	1.4
2848	90.502	89.505	0.127	0.0	1.4	2880	90.495	89.505	0.120	0.0	1.4

Royal HaskoningDHV		Page 38
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
2882	90.495	89.505	0.120	0.0	1.4	2926	90.485	89.505	0.110	0.0	1.4
2884	90.495	89.505	0.120	0.0	1.4	2928	90.485	89.505	0.110	0.0	1.4
2886	90.494	89.505	0.119	0.0	1.4	2930	90.484	89.505	0.109	0.0	1.4
2888	90.494	89.505	0.119	0.0	1.4	2932	90.484	89.505	0.109	0.0	1.4
2890	90.493	89.505	0.118	0.0	1.4	2934	90.484	89.505	0.109	0.0	1.4
2892	90.493	89.505	0.118	0.0	1.4	2936	90.483	89.505	0.108	0.0	1.4
2894	90.492	89.505	0.117	0.0	1.4	2938	90.483	89.505	0.108	0.0	1.4
2896	90.492	89.505	0.117	0.0	1.4	2940	90.482	89.505	0.107	0.0	1.4
2898	90.492	89.505	0.117	0.0	1.4	2942	90.482	89.505	0.107	0.0	1.4
2900	90.491	89.505	0.116	0.0	1.4	2944	90.481	89.505	0.106	0.0	1.4
2902	90.491	89.505	0.116	0.0	1.4	2946	90.481	89.505	0.106	0.0	1.4
2904	90.490	89.505	0.115	0.0	1.4	2948	90.480	89.505	0.105	0.0	1.4
2906	90.490	89.505	0.115	0.0	1.4	2950	90.480	89.505	0.105	0.0	1.4
2908	90.489	89.505	0.114	0.0	1.4	2952	90.480	89.505	0.105	0.0	1.4
2910	90.489	89.505	0.114	0.0	1.4	2954	90.479	89.505	0.104	0.0	1.4
2912	90.488	89.505	0.113	0.0	1.4	2956	90.479	89.505	0.104	0.0	1.4
2914	90.488	89.505	0.113	0.0	1.4	2958	90.478	89.505	0.103	0.0	1.4
2916	90.488	89.505	0.113	0.0	1.4	2960	90.478	89.505	0.103	0.0	1.4
2918	90.487	89.505	0.112	0.0	1.4	2962	90.477	89.505	0.102	0.0	1.4
2920	90.487	89.505	0.112	0.0	1.4	2964	90.477	89.505	0.102	0.0	1.4
2922	90.486	89.505	0.111	0.0	1.4	2966	90.477	89.505	0.102	0.0	1.4
2924	90.486	89.505	0.111	0.0	1.4	2968	90.476	89.505	0.101	0.0	1.4

Royal HaskoningDHV		Page 39
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
2970	90.476	89.505	0.101	0.0	1.4	3014	90.466	89.505	0.091	0.0	1.3
2972	90.475	89.505	0.100	0.0	1.4	3016	90.465	89.505	0.090	0.0	1.3
2974	90.475	89.505	0.100	0.0	1.4	3018	90.465	89.505	0.090	0.0	1.3
2976	90.474	89.505	0.099	0.0	1.4	3020	90.464	89.505	0.089	0.0	1.3
2978	90.474	89.505	0.099	0.0	1.4	3022	90.464	89.505	0.089	0.0	1.3
2980	90.473	89.505	0.098	0.0	1.4	3024	90.464	89.505	0.089	0.0	1.3
2982	90.473	89.505	0.098	0.0	1.4	3026	90.463	89.505	0.088	0.0	1.3
2984	90.473	89.505	0.098	0.0	1.4	3028	90.463	89.505	0.088	0.0	1.3
2986	90.472	89.505	0.097	0.0	1.4	3030	90.462	89.505	0.087	0.0	1.3
2988	90.472	89.505	0.097	0.0	1.4	3032	90.462	89.505	0.087	0.0	1.3
2990	90.471	89.505	0.096	0.0	1.4	3034	90.461	89.505	0.086	0.0	1.3
2992	90.471	89.505	0.096	0.0	1.4	3036	90.461	89.505	0.086	0.0	1.3
2994	90.470	89.505	0.095	0.0	1.4	3038	90.460	89.505	0.085	0.0	1.3
2996	90.470	89.505	0.095	0.0	1.4	3040	90.460	89.505	0.085	0.0	1.3
2998	90.469	89.505	0.094	0.0	1.4	3042	90.460	89.505	0.085	0.0	1.3
3000	90.469	89.505	0.094	0.0	1.4	3044	90.459	89.505	0.084	0.0	1.3
3002	90.469	89.505	0.094	0.0	1.4	3046	90.459	89.505	0.084	0.0	1.3
3004	90.468	89.505	0.093	0.0	1.4	3048	90.458	89.505	0.083	0.0	1.3
3006	90.468	89.505	0.093	0.0	1.4	3050	90.458	89.505	0.083	0.0	1.3
3008	90.467	89.505	0.092	0.0	1.4	3052	90.457	89.505	0.082	0.0	1.3
3010	90.467	89.505	0.092	0.0	1.4	3054	90.457	89.505	0.082	0.0	1.3
3012	90.466	89.505	0.091	0.0	1.3	3056	90.457	89.505	0.082	0.0	1.3

Royal HaskoningDHV		Page 40
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
3058	90.456	89.505	0.081	0.0	1.3	3102	90.446	89.505	0.071	0.0	1.3
3060	90.456	89.505	0.081	0.0	1.3	3104	90.446	89.505	0.071	0.0	1.3
3062	90.455	89.505	0.080	0.0	1.3	3106	90.446	89.505	0.071	0.0	1.3
3064	90.455	89.505	0.080	0.0	1.3	3108	90.445	89.505	0.070	0.0	1.3
3066	90.454	89.505	0.079	0.0	1.3	3110	90.445	89.505	0.070	0.0	1.3
3068	90.454	89.505	0.079	0.0	1.3	3112	90.444	89.505	0.069	0.0	1.3
3070	90.453	89.505	0.078	0.0	1.3	3114	90.444	89.505	0.069	0.0	1.3
3072	90.453	89.505	0.078	0.0	1.3	3116	90.443	89.505	0.068	0.0	1.3
3074	90.453	89.505	0.078	0.0	1.3	3118	90.443	89.505	0.068	0.0	1.3
3076	90.452	89.505	0.077	0.0	1.3	3120	90.443	89.505	0.068	0.0	1.3
3078	90.452	89.505	0.077	0.0	1.3	3122	90.442	89.505	0.067	0.0	1.3
3080	90.451	89.505	0.076	0.0	1.3	3124	90.442	89.505	0.067	0.0	1.3
3082	90.451	89.505	0.076	0.0	1.3	3126	90.441	89.505	0.066	0.0	1.3
3084	90.450	89.505	0.075	0.0	1.3	3128	90.441	89.505	0.066	0.0	1.3
3086	90.450	89.505	0.075	0.0	1.3	3130	90.440	89.505	0.065	0.0	1.3
3088	90.449	89.505	0.074	0.0	1.3	3132	90.440	89.505	0.065	0.0	1.3
3090	90.449	89.505	0.074	0.0	1.3	3134	90.439	89.505	0.064	0.0	1.3
3092	90.449	89.505	0.074	0.0	1.3	3136	90.439	89.505	0.064	0.0	1.3
3094	90.448	89.505	0.073	0.0	1.3	3138	90.439	89.505	0.064	0.0	1.3
3096	90.448	89.505	0.073	0.0	1.3	3140	90.438	89.505	0.063	0.0	1.3
3098	90.447	89.505	0.072	0.0	1.3	3142	90.438	89.505	0.063	0.0	1.3
3100	90.447	89.505	0.072	0.0	1.3	3144	90.437	89.505	0.062	0.0	1.3

Royal HaskoningDHV		Page 41
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
3146	90.437	89.505	0.062	0.0	1.3	3190	90.427	89.505	0.052	0.0	1.3
3148	90.436	89.505	0.061	0.0	1.3	3192	90.427	89.505	0.052	0.0	1.3
3150	90.436	89.505	0.061	0.0	1.3	3194	90.427	89.505	0.052	0.0	1.3
3152	90.436	89.505	0.061	0.0	1.3	3196	90.426	89.505	0.051	0.0	1.3
3154	90.435	89.505	0.060	0.0	1.3	3198	90.426	89.505	0.051	0.0	1.3
3156	90.435	89.505	0.060	0.0	1.3	3200	90.425	89.505	0.050	0.0	1.3
3158	90.434	89.505	0.059	0.0	1.3	3202	90.425	89.505	0.050	0.0	1.3
3160	90.434	89.505	0.059	0.0	1.3	3204	90.424	89.505	0.049	0.0	1.3
3162	90.433	89.505	0.058	0.0	1.3	3206	90.424	89.505	0.049	0.0	1.3
3164	90.433	89.505	0.058	0.0	1.3	3208	90.424	89.505	0.049	0.0	1.3
3166	90.433	89.505	0.058	0.0	1.3	3210	90.423	89.505	0.048	0.0	1.3
3168	90.432	89.505	0.057	0.0	1.3	3212	90.423	89.505	0.048	0.0	1.3
3170	90.432	89.505	0.057	0.0	1.3	3214	90.422	89.505	0.047	0.0	1.3
3172	90.431	89.505	0.056	0.0	1.3	3216	90.422	89.505	0.047	0.0	1.3
3174	90.431	89.505	0.056	0.0	1.3	3218	90.421	89.505	0.046	0.0	1.3
3176	90.430	89.505	0.055	0.0	1.3	3220	90.421	89.505	0.046	0.0	1.3
3178	90.430	89.505	0.055	0.0	1.3	3222	90.421	89.505	0.046	0.0	1.3
3180	90.430	89.505	0.055	0.0	1.3	3224	90.420	89.505	0.045	0.0	1.3
3182	90.429	89.505	0.054	0.0	1.3	3226	90.420	89.505	0.045	0.0	1.3
3184	90.429	89.505	0.054	0.0	1.3	3228	90.419	89.505	0.044	0.0	1.3
3186	90.428	89.505	0.053	0.0	1.3	3230	90.419	89.505	0.044	0.0	1.3
3188	90.428	89.505	0.053	0.0	1.3	3232	90.418	89.505	0.043	0.0	1.3

Royal HaskoningDHV		Page 42
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
3234	90.418	89.505	0.043	0.0	1.3	3278	90.409	89.505	0.034	0.0	1.3
3236	90.418	89.505	0.043	0.0	1.3	3280	90.409	89.505	0.034	0.0	1.3
3238	90.417	89.505	0.042	0.0	1.3	3282	90.408	89.505	0.033	0.0	1.3
3240	90.417	89.505	0.042	0.0	1.3	3284	90.408	89.505	0.033	0.0	1.3
3242	90.416	89.505	0.041	0.0	1.3	3286	90.407	89.505	0.032	0.0	1.3
3244	90.416	89.505	0.041	0.0	1.3	3288	90.407	89.505	0.032	0.0	1.3
3246	90.416	89.505	0.041	0.0	1.3	3290	90.406	89.505	0.031	0.0	1.3
3248	90.415	89.505	0.040	0.0	1.3	3292	90.406	89.505	0.031	0.0	1.3
3250	90.415	89.505	0.040	0.0	1.3	3294	90.406	89.505	0.031	0.0	1.3
3252	90.414	89.505	0.039	0.0	1.3	3296	90.405	89.505	0.030	0.0	1.3
3254	90.414	89.505	0.039	0.0	1.3	3298	90.405	89.505	0.030	0.0	1.3
3256	90.414	89.505	0.039	0.0	1.3	3300	90.404	89.505	0.029	0.0	1.3
3258	90.413	89.505	0.038	0.0	1.3	3302	90.404	89.505	0.029	0.0	1.2
3260	90.413	89.505	0.038	0.0	1.3	3304	90.404	89.505	0.029	0.0	1.2
3262	90.412	89.505	0.037	0.0	1.3	3306	90.403	89.505	0.028	0.0	1.2
3264	90.412	89.505	0.037	0.0	1.3	3308	90.403	89.505	0.028	0.0	1.2
3266	90.411	89.505	0.036	0.0	1.3	3310	90.402	89.505	0.027	0.0	1.2
3268	90.411	89.505	0.036	0.0	1.3	3312	90.402	89.505	0.027	0.0	1.2
3270	90.411	89.505	0.036	0.0	1.3	3314	90.401	89.505	0.026	0.0	1.2
3272	90.410	89.505	0.035	0.0	1.3	3316	90.401	89.505	0.026	0.0	1.2
3274	90.410	89.505	0.035	0.0	1.3	3318	90.401	89.505	0.026	0.0	1.2
3276	90.409	89.505	0.034	0.0	1.3	3320	90.400	89.505	0.025	0.0	1.2

Royal HaskoningDHV		Page 43
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
3322	90.400	89.505	0.025	0.0	1.2	3366	90.391	89.505	0.016	0.0	1.2
3324	90.399	89.505	0.024	0.0	1.2	3368	90.390	89.505	0.015	0.0	1.2
3326	90.399	89.505	0.024	0.0	1.2	3370	90.390	89.505	0.015	0.0	1.2
3328	90.399	89.505	0.024	0.0	1.2	3372	90.390	89.505	0.015	0.0	1.2
3330	90.398	89.505	0.023	0.0	1.2	3374	90.389	89.505	0.014	0.0	1.2
3332	90.398	89.505	0.023	0.0	1.2	3376	90.389	89.505	0.014	0.0	1.2
3334	90.397	89.505	0.022	0.0	1.2	3378	90.388	89.505	0.013	0.0	1.2
3336	90.397	89.505	0.022	0.0	1.2	3380	90.388	89.505	0.013	0.0	1.2
3338	90.396	89.505	0.021	0.0	1.2	3382	90.388	89.505	0.013	0.0	1.2
3340	90.396	89.505	0.021	0.0	1.2	3384	90.387	89.505	0.012	0.0	1.2
3342	90.396	89.505	0.021	0.0	1.2	3386	90.387	89.505	0.012	0.0	1.2
3344	90.395	89.505	0.020	0.0	1.2	3388	90.386	89.505	0.011	0.0	1.2
3346	90.395	89.505	0.020	0.0	1.2	3390	90.386	89.505	0.011	0.0	1.2
3348	90.395	89.505	0.020	0.0	1.2	3392	90.386	89.505	0.011	0.0	1.2
3350	90.394	89.505	0.019	0.0	1.2	3394	90.385	89.505	0.010	0.0	1.2
3352	90.394	89.505	0.019	0.0	1.2	3396	90.385	89.505	0.010	0.0	1.2
3354	90.393	89.505	0.018	0.0	1.2	3398	90.384	89.505	0.009	0.0	1.2
3356	90.393	89.505	0.018	0.0	1.2	3400	90.384	89.505	0.009	0.0	1.2
3358	90.392	89.505	0.017	0.0	1.2	3402	90.384	89.505	0.009	0.0	1.2
3360	90.392	89.505	0.017	0.0	1.2	3404	90.383	89.505	0.008	0.0	1.2
3362	90.392	89.505	0.017	0.0	1.2	3406	90.383	89.505	0.008	0.0	1.2
3364	90.391	89.505	0.016	0.0	1.2	3408	90.382	89.505	0.007	0.0	1.2

Royal HaskoningDHV		Page 44
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
3410	90.382	89.505	0.007	0.0	1.2	3454	90.371	89.505	-0.004	0.0	1.2
3412	90.382	89.505	0.007	0.0	1.2	3456	90.371	89.505	-0.004	0.0	1.2
3414	90.381	89.505	0.006	0.0	1.2	3458	90.371	89.505	-0.004	0.0	1.2
3416	90.381	89.505	0.006	0.0	1.2	3460	90.370	89.505	-0.005	0.0	1.2
3418	90.380	89.505	0.005	0.0	1.2	3462	90.370	89.505	-0.005	0.0	1.2
3420	90.380	89.505	0.005	0.0	1.2	3464	90.369	89.505	-0.006	0.0	1.2
3422	90.379	89.505	0.004	0.0	1.2	3466	90.369	89.505	-0.006	0.0	1.2
3424	90.379	89.505	0.004	0.0	1.2	3468	90.368	89.505	-0.007	0.0	1.2
3426	90.378	89.505	0.003	0.0	1.2	3470	90.368	89.505	-0.007	0.0	1.2
3428	90.378	89.505	0.003	0.0	1.2	3472	90.367	89.505	-0.008	0.0	1.2
3430	90.377	89.505	0.002	0.0	1.2	3474	90.367	89.505	-0.008	0.0	1.2
3432	90.377	89.505	0.002	0.0	1.2	3476	90.366	89.505	-0.009	0.0	1.2
3434	90.376	89.505	0.001	0.0	1.2	3478	90.366	89.505	-0.009	0.0	1.2
3436	90.376	89.505	0.001	0.0	1.2	3480	90.365	89.505	-0.010	0.0	1.2
3438	90.375	89.505	0.000	0.0	1.2	3482	90.365	89.505	-0.010	0.0	1.2
3440	90.375	89.505	0.000	0.0	1.2	3484	90.364	89.505	-0.011	0.0	1.2
3442	90.374	89.505	-0.001	0.0	1.2	3486	90.364	89.505	-0.011	0.0	1.2
3444	90.374	89.505	-0.001	0.0	1.2	3488	90.363	89.505	-0.012	0.0	1.2
3446	90.373	89.505	-0.002	0.0	1.2	3490	90.363	89.505	-0.012	0.0	1.2
3448	90.373	89.505	-0.002	0.0	1.2	3492	90.362	89.505	-0.013	0.0	1.2
3450	90.372	89.505	-0.003	0.0	1.2	3494	90.362	89.505	-0.013	0.0	1.2
3452	90.372	89.505	-0.003	0.0	1.2	3496	90.361	89.505	-0.014	0.0	1.2

Royal HaskoningDHV		Page 45
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
3498	90.361	89.505	-0.014	0.0	1.2	3542	90.350	89.505	-0.025	0.0	1.2
3500	90.360	89.505	-0.015	0.0	1.2	3544	90.350	89.505	-0.025	0.0	1.2
3502	90.360	89.505	-0.015	0.0	1.2	3546	90.349	89.505	-0.026	0.0	1.2
3504	90.359	89.505	-0.016	0.0	1.2	3548	90.349	89.505	-0.026	0.0	1.2
3506	90.359	89.505	-0.016	0.0	1.2	3550	90.348	89.505	-0.027	0.0	1.2
3508	90.358	89.505	-0.017	0.0	1.2	3552	90.348	89.505	-0.027	0.0	1.2
3510	90.358	89.505	-0.017	0.0	1.2	3554	90.347	89.505	-0.028	0.0	1.1
3512	90.357	89.505	-0.018	0.0	1.2	3556	90.347	89.505	-0.028	0.0	1.1
3514	90.357	89.505	-0.018	0.0	1.2	3558	90.347	89.505	-0.028	0.0	1.1
3516	90.356	89.505	-0.019	0.0	1.2	3560	90.346	89.505	-0.029	0.0	1.1
3518	90.356	89.505	-0.019	0.0	1.2	3562	90.346	89.505	-0.029	0.0	1.1
3520	90.356	89.505	-0.019	0.0	1.2	3564	90.345	89.505	-0.030	0.0	1.1
3522	90.355	89.505	-0.020	0.0	1.2	3566	90.345	89.505	-0.030	0.0	1.1
3524	90.355	89.505	-0.020	0.0	1.2	3568	90.344	89.505	-0.031	0.0	1.1
3526	90.354	89.505	-0.021	0.0	1.2	3570	90.344	89.505	-0.031	0.0	1.1
3528	90.354	89.505	-0.021	0.0	1.2	3572	90.343	89.505	-0.032	0.0	1.1
3530	90.353	89.505	-0.022	0.0	1.2	3574	90.343	89.505	-0.032	0.0	1.1
3532	90.353	89.505	-0.022	0.0	1.2	3576	90.342	89.505	-0.033	0.0	1.1
3534	90.352	89.505	-0.023	0.0	1.2	3578	90.342	89.505	-0.033	0.0	1.1
3536	90.352	89.505	-0.023	0.0	1.2	3580	90.341	89.505	-0.034	0.0	1.1
3538	90.351	89.505	-0.024	0.0	1.2	3582	90.341	89.505	-0.034	0.0	1.1
3540	90.351	89.505	-0.024	0.0	1.2	3584	90.340	89.505	-0.035	0.0	1.1

Royal HaskoningDHV		Page 46
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
3586	90.340	89.505	-0.035	0.0	1.1	3630	90.330	89.505	-0.045	0.0	1.1
3588	90.340	89.505	-0.035	0.0	1.1	3632	90.329	89.505	-0.046	0.0	1.1
3590	90.339	89.505	-0.036	0.0	1.1	3634	90.329	89.505	-0.046	0.0	1.1
3592	90.339	89.505	-0.036	0.0	1.1	3636	90.329	89.505	-0.046	0.0	1.1
3594	90.338	89.505	-0.037	0.0	1.1	3638	90.328	89.505	-0.047	0.0	1.1
3596	90.338	89.505	-0.037	0.0	1.1	3640	90.328	89.505	-0.047	0.0	1.1
3598	90.337	89.505	-0.038	0.0	1.1	3642	90.327	89.505	-0.048	0.0	1.1
3600	90.337	89.505	-0.038	0.0	1.1	3644	90.327	89.505	-0.048	0.0	1.1
3602	90.336	89.505	-0.039	0.0	1.1	3646	90.326	89.505	-0.049	0.0	1.1
3604	90.336	89.505	-0.039	0.0	1.1	3648	90.326	89.505	-0.049	0.0	1.1
3606	90.335	89.505	-0.040	0.0	1.1	3650	90.325	89.505	-0.050	0.0	1.1
3608	90.335	89.505	-0.040	0.0	1.1	3652	90.325	89.505	-0.050	0.0	1.1
3610	90.334	89.505	-0.041	0.0	1.1	3654	90.324	89.505	-0.051	0.0	1.1
3612	90.334	89.505	-0.041	0.0	1.1	3656	90.324	89.505	-0.051	0.0	1.1
3614	90.334	89.505	-0.041	0.0	1.1	3658	90.324	89.505	-0.051	0.0	1.1
3616	90.333	89.505	-0.042	0.0	1.1	3660	90.323	89.505	-0.052	0.0	1.1
3618	90.333	89.505	-0.042	0.0	1.1	3662	90.323	89.505	-0.052	0.0	1.1
3620	90.332	89.505	-0.043	0.0	1.1	3664	90.322	89.505	-0.053	0.0	1.1
3622	90.332	89.505	-0.043	0.0	1.1	3666	90.322	89.505	-0.053	0.0	1.1
3624	90.331	89.505	-0.044	0.0	1.1	3668	90.321	89.505	-0.054	0.0	1.1
3626	90.331	89.505	-0.044	0.0	1.1	3670	90.321	89.505	-0.054	0.0	1.1
3628	90.330	89.505	-0.045	0.0	1.1	3672	90.320	89.505	-0.055	0.0	1.1

Royal HaskoningDHV		Page 47
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
3674	90.320	89.505	-0.055	0.0	1.1	3718	90.310	89.505	-0.065	0.0	1.1
3676	90.319	89.505	-0.056	0.0	1.1	3720	90.310	89.505	-0.065	0.0	1.1
3678	90.319	89.505	-0.056	0.0	1.1	3722	90.309	89.505	-0.066	0.0	1.1
3680	90.319	89.505	-0.056	0.0	1.1	3724	90.309	89.505	-0.066	0.0	1.1
3682	90.318	89.505	-0.057	0.0	1.1	3726	90.308	89.505	-0.067	0.0	1.1
3684	90.318	89.505	-0.057	0.0	1.1	3728	90.308	89.505	-0.067	0.0	1.1
3686	90.317	89.505	-0.058	0.0	1.1	3730	90.307	89.505	-0.068	0.0	1.1
3688	90.317	89.505	-0.058	0.0	1.1	3732	90.307	89.505	-0.068	0.0	1.1
3690	90.316	89.505	-0.059	0.0	1.1	3734	90.307	89.505	-0.068	0.0	1.1
3692	90.316	89.505	-0.059	0.0	1.1	3736	90.306	89.505	-0.069	0.0	1.1
3694	90.315	89.505	-0.060	0.0	1.1	3738	90.306	89.505	-0.069	0.0	1.1
3696	90.315	89.505	-0.060	0.0	1.1	3740	90.305	89.505	-0.070	0.0	1.1
3698	90.315	89.505	-0.060	0.0	1.1	3742	90.305	89.505	-0.070	0.0	1.1
3700	90.314	89.505	-0.061	0.0	1.1	3744	90.304	89.505	-0.071	0.0	1.1
3702	90.314	89.505	-0.061	0.0	1.1	3746	90.304	89.505	-0.071	0.0	1.1
3704	90.313	89.505	-0.062	0.0	1.1	3748	90.304	89.505	-0.071	0.0	1.1
3706	90.313	89.505	-0.062	0.0	1.1	3750	90.303	89.505	-0.072	0.0	1.1
3708	90.312	89.505	-0.063	0.0	1.1	3752	90.303	89.505	-0.072	0.0	1.1
3710	90.312	89.505	-0.063	0.0	1.1	3754	90.302	89.505	-0.073	0.0	1.1
3712	90.311	89.505	-0.064	0.0	1.1	3756	90.302	89.505	-0.073	0.0	1.1
3714	90.311	89.505	-0.064	0.0	1.1	3758	90.301	89.505	-0.074	0.0	1.1
3716	90.311	89.505	-0.064	0.0	1.1	3760	90.301	89.505	-0.074	0.0	1.1

Royal HaskoningDHV		Page 48
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
3762	90.301	89.505	-0.074	0.0	1.1	3806	90.291	89.505	-0.084	0.0	1.0
3764	90.300	89.505	-0.075	0.0	1.1	3808	90.291	89.505	-0.084	0.0	1.1
3766	90.300	89.505	-0.075	0.0	1.1	3810	90.290	89.505	-0.085	0.0	1.1
3768	90.299	89.505	-0.076	0.0	1.1	3812	90.290	89.505	-0.085	0.0	1.1
3770	90.299	89.505	-0.076	0.0	1.1	3814	90.289	89.505	-0.086	0.0	1.1
3772	90.298	89.505	-0.077	0.0	1.1	3816	90.289	89.505	-0.086	0.0	1.1
3774	90.298	89.505	-0.077	0.0	1.1	3818	90.288	89.505	-0.087	0.0	1.1
3776	90.298	89.505	-0.077	0.0	1.1	3820	90.288	89.505	-0.087	0.0	1.1
3778	90.297	89.505	-0.078	0.0	1.1	3822	90.287	89.505	-0.088	0.0	1.1
3780	90.297	89.505	-0.078	0.0	1.1	3824	90.287	89.505	-0.088	0.0	1.1
3782	90.296	89.505	-0.079	0.0	1.0	3826	90.286	89.505	-0.089	0.0	1.1
3784	90.296	89.505	-0.079	0.0	1.0	3828	90.286	89.505	-0.089	0.0	1.1
3786	90.295	89.505	-0.080	0.0	1.0	3830	90.285	89.505	-0.090	0.0	1.1
3788	90.295	89.505	-0.080	0.0	1.0	3832	90.285	89.505	-0.090	0.0	1.1
3790	90.295	89.505	-0.080	0.0	1.0	3834	90.284	89.505	-0.091	0.0	1.1
3792	90.294	89.505	-0.081	0.0	1.0	3836	90.284	89.505	-0.091	0.0	1.1
3794	90.294	89.505	-0.081	0.0	1.0	3838	90.283	89.505	-0.092	0.0	1.1
3796	90.293	89.505	-0.082	0.0	1.0	3840	90.283	89.505	-0.092	0.0	1.1
3798	90.293	89.505	-0.082	0.0	1.0	3842	90.282	89.505	-0.093	0.0	1.1
3800	90.292	89.505	-0.083	0.0	1.0	3844	90.282	89.505	-0.093	0.0	1.1
3802	90.292	89.505	-0.083	0.0	1.0	3846	90.281	89.505	-0.094	0.0	1.1
3804	90.292	89.505	-0.083	0.0	1.0	3848	90.281	89.505	-0.094	0.0	1.1

Royal HaskoningDHV		Page 49
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
3850	90.280	89.505	-0.095	0.0	1.1	3894	90.266	89.505	-0.109	0.0	1.1
3852	90.280	89.505	-0.095	0.0	1.1	3896	90.265	89.505	-0.110	0.0	1.1
3854	90.279	89.505	-0.096	0.0	1.1	3898	90.264	89.505	-0.111	0.0	1.1
3856	90.278	89.505	-0.097	0.0	1.1	3900	90.263	89.505	-0.112	0.0	1.1
3858	90.278	89.505	-0.097	0.0	1.1	3902	90.263	89.505	-0.112	0.0	1.1
3860	90.277	89.505	-0.098	0.0	1.1	3904	90.262	89.505	-0.113	0.0	1.1
3862	90.277	89.505	-0.098	0.0	1.1	3906	90.261	89.505	-0.114	0.0	1.1
3864	90.276	89.505	-0.099	0.0	1.1	3908	90.260	89.505	-0.115	0.0	1.1
3866	90.275	89.505	-0.100	0.0	1.1	3910	90.260	89.505	-0.115	0.0	1.1
3868	90.275	89.505	-0.100	0.0	1.1	3912	90.259	89.505	-0.116	0.0	1.1
3870	90.274	89.505	-0.101	0.0	1.1	3914	90.258	89.505	-0.117	0.0	1.1
3872	90.274	89.505	-0.101	0.0	1.1	3916	90.257	89.505	-0.118	0.0	1.1
3874	90.273	89.505	-0.102	0.0	1.1	3918	90.256	89.505	-0.119	0.0	1.1
3876	90.272	89.505	-0.103	0.0	1.1	3920	90.256	89.505	-0.119	0.0	1.1
3878	90.272	89.505	-0.103	0.0	1.1	3922	90.255	89.505	-0.120	0.0	1.1
3880	90.271	89.505	-0.104	0.0	1.1	3924	90.254	89.505	-0.121	0.0	1.1
3882	90.270	89.505	-0.105	0.0	1.1	3926	90.253	89.505	-0.122	0.0	1.1
3884	90.269	89.505	-0.106	0.0	1.1	3928	90.253	89.505	-0.122	0.0	1.1
3886	90.269	89.505	-0.106	0.0	1.1	3930	90.252	89.505	-0.123	0.0	1.1
3888	90.268	89.505	-0.107	0.0	1.1	3932	90.251	89.505	-0.124	0.0	1.1
3890	90.267	89.505	-0.108	0.0	1.1	3934	90.250	89.505	-0.125	0.0	1.1
3892	90.266	89.505	-0.109	0.0	1.1	3936	90.250	89.505	-0.125	0.0	1.1

Royal HaskoningDHV		Page 50
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
3938	90.249	89.505	-0.126	0.0	1.1	3982	90.232	89.505	-0.143	0.0	1.2
3940	90.248	89.505	-0.127	0.0	1.1	3984	90.231	89.505	-0.144	0.0	1.2
3942	90.247	89.505	-0.128	0.0	1.1	3986	90.230	89.505	-0.145	0.0	1.2
3944	90.246	89.505	-0.129	0.0	1.1	3988	90.229	89.505	-0.146	0.0	1.2
3946	90.246	89.505	-0.129	0.0	1.1	3990	90.229	89.505	-0.146	0.0	1.2
3948	90.245	89.505	-0.130	0.0	1.1	3992	90.228	89.505	-0.147	0.0	1.2
3950	90.244	89.505	-0.131	0.0	1.1	3994	90.227	89.505	-0.148	0.0	1.2
3952	90.243	89.505	-0.132	0.0	1.1	3996	90.226	89.505	-0.149	0.0	1.2
3954	90.243	89.505	-0.132	0.0	1.1	3998	90.226	89.505	-0.149	0.0	1.2
3956	90.242	89.505	-0.133	0.0	1.1	4000	90.225	89.505	-0.150	0.0	1.2
3958	90.241	89.505	-0.134	0.0	1.1	4002	90.224	89.505	-0.151	0.0	1.2
3960	90.240	89.505	-0.135	0.0	1.1	4004	90.223	89.505	-0.152	0.0	1.2
3962	90.239	89.505	-0.136	0.0	1.1	4006	90.222	89.505	-0.153	0.0	1.2
3964	90.239	89.505	-0.136	0.0	1.1	4008	90.222	89.505	-0.153	0.0	1.2
3966	90.238	89.505	-0.137	0.0	1.1	4010	90.221	89.505	-0.154	0.0	1.2
3968	90.237	89.505	-0.138	0.0	1.1	4012	90.220	89.505	-0.155	0.0	1.2
3970	90.236	89.505	-0.139	0.0	1.1	4014	90.219	89.505	-0.156	0.0	1.2
3972	90.236	89.505	-0.139	0.0	1.1	4016	90.218	89.505	-0.157	0.0	1.2
3974	90.235	89.505	-0.140	0.0	1.2	4018	90.218	89.505	-0.157	0.0	1.2
3976	90.234	89.505	-0.141	0.0	1.2	4020	90.217	89.505	-0.158	0.0	1.2
3978	90.233	89.505	-0.142	0.0	1.2	4022	90.216	89.505	-0.159	0.0	1.2
3980	90.232	89.505	-0.143	0.0	1.2	4024	90.215	89.505	-0.160	0.0	1.2

Royal HaskoningDHV		Page 51
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
4026	90.214	89.505	-0.161	0.0	1.2	4070	90.196	89.505	-0.179	0.0	1.2
4028	90.214	89.505	-0.161	0.0	1.2	4072	90.195	89.505	-0.180	0.0	1.2
4030	90.213	89.505	-0.162	0.0	1.2	4074	90.194	89.505	-0.181	0.0	1.2
4032	90.212	89.505	-0.163	0.0	1.2	4076	90.193	89.505	-0.182	0.0	1.2
4034	90.211	89.505	-0.164	0.0	1.2	4078	90.192	89.505	-0.183	0.0	1.2
4036	90.210	89.505	-0.165	0.0	1.2	4080	90.191	89.505	-0.184	0.0	1.2
4038	90.209	89.505	-0.166	0.0	1.2	4082	90.191	89.505	-0.184	0.0	1.2
4040	90.209	89.505	-0.166	0.0	1.2	4084	90.190	89.505	-0.185	0.0	1.2
4042	90.208	89.505	-0.167	0.0	1.2	4086	90.189	89.505	-0.186	0.0	1.2
4044	90.207	89.505	-0.168	0.0	1.2	4088	90.188	89.505	-0.187	0.0	1.2
4046	90.206	89.505	-0.169	0.0	1.2	4090	90.187	89.505	-0.188	0.0	1.2
4048	90.205	89.505	-0.170	0.0	1.2	4092	90.186	89.505	-0.189	0.0	1.2
4050	90.204	89.505	-0.171	0.0	1.2	4094	90.185	89.505	-0.190	0.0	1.2
4052	90.203	89.505	-0.172	0.0	1.2	4096	90.184	89.505	-0.191	0.0	1.2
4054	90.203	89.505	-0.172	0.0	1.2	4098	90.183	89.505	-0.192	0.0	1.2
4056	90.202	89.505	-0.173	0.0	1.2	4100	90.182	89.505	-0.193	0.0	1.2
4058	90.201	89.505	-0.174	0.0	1.2	4102	90.181	89.505	-0.194	0.0	1.2
4060	90.200	89.505	-0.175	0.0	1.2	4104	90.179	89.505	-0.196	0.0	1.2
4062	90.199	89.505	-0.176	0.0	1.2	4106	90.177	89.505	-0.198	0.0	1.2
4064	90.198	89.505	-0.177	0.0	1.2	4108	90.176	89.505	-0.199	0.0	1.2
4066	90.198	89.505	-0.177	0.0	1.2	4110	90.174	89.505	-0.201	0.0	1.2
4068	90.197	89.505	-0.178	0.0	1.2	4112	90.172	89.505	-0.203	0.0	1.2

Royal HaskoningDHV		Page 52
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
4114	90.170	89.505	-0.205	0.0	1.2	4158	90.121	89.505	-0.254	0.0	0.7
4116	90.168	89.505	-0.207	0.0	1.2	4160	90.120	89.505	-0.255	0.0	0.7
4118	90.165	89.505	-0.210	0.0	1.2	4162	90.118	89.505	-0.257	0.0	0.6
4120	90.163	89.505	-0.212	0.0	1.2	4164	90.117	89.505	-0.258	0.0	0.6
4122	90.160	89.505	-0.215	0.0	1.2	4166	90.116	89.505	-0.259	0.0	0.6
4124	90.158	89.505	-0.217	0.0	1.2	4168	90.115	89.505	-0.260	0.0	0.6
4126	90.155	89.505	-0.220	0.0	1.2	4170	90.113	89.505	-0.262	0.0	0.5
4128	90.152	89.505	-0.223	0.0	1.2	4172	90.112	89.505	-0.263	0.0	0.5
4130	90.150	89.505	-0.225	0.0	1.2	4174	90.111	89.505	-0.264	0.0	0.5
4132	90.147	89.505	-0.228	0.0	1.1	4176	90.110	89.505	-0.265	0.0	0.5
4134	90.145	89.505	-0.230	0.0	1.1	4178	90.109	89.505	-0.266	0.0	0.4
4136	90.142	89.505	-0.233	0.0	1.1	4180	90.108	89.505	-0.267	0.0	0.4
4138	90.140	89.505	-0.235	0.0	1.0	4182	90.107	89.505	-0.268	0.0	0.4
4140	90.138	89.505	-0.237	0.0	1.0	4184	90.107	89.505	-0.268	0.0	0.4
4142	90.136	89.505	-0.239	0.0	1.0	4186	90.106	89.505	-0.269	0.0	0.4
4144	90.134	89.505	-0.241	0.0	0.9	4188	90.105	89.505	-0.270	0.0	0.3
4146	90.132	89.505	-0.243	0.0	0.9	4190	90.104	89.505	-0.271	0.0	0.3
4148	90.130	89.505	-0.245	0.0	0.9	4192	90.104	89.505	-0.271	0.0	0.3
4150	90.128	89.505	-0.247	0.0	0.8	4194	90.103	89.505	-0.272	0.0	0.3
4152	90.126	89.505	-0.249	0.0	0.8	4196	90.102	89.505	-0.273	0.0	0.3
4154	90.124	89.505	-0.251	0.0	0.8	4198	90.102	89.505	-0.273	0.0	0.3
4156	90.123	89.505	-0.252	0.0	0.7	4200	90.101	89.505	-0.274	0.0	0.3

Royal HaskoningDHV		Page 53
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
4202	90.100	89.505	-0.275	0.0	0.3	4246	90.092	89.505	-0.283	0.0	0.1
4204	90.100	89.505	-0.275	0.0	0.2	4248	90.092	89.505	-0.283	0.0	0.1
4206	90.099	89.505	-0.276	0.0	0.2	4250	90.091	89.505	-0.284	0.0	0.1
4208	90.099	89.505	-0.276	0.0	0.2	4252	90.091	89.505	-0.284	0.0	0.1
4210	90.098	89.505	-0.277	0.0	0.2	4254	90.091	89.505	-0.284	0.0	0.1
4212	90.098	89.505	-0.277	0.0	0.2	4256	90.091	89.505	-0.284	0.0	0.1
4214	90.097	89.505	-0.278	0.0	0.2	4258	90.090	89.505	-0.285	0.0	0.1
4216	90.097	89.505	-0.278	0.0	0.2	4260	90.090	89.505	-0.285	0.0	0.1
4218	90.097	89.505	-0.278	0.0	0.2	4262	90.090	89.505	-0.285	0.0	0.1
4220	90.096	89.505	-0.279	0.0	0.2	4264	90.090	89.505	-0.285	0.0	0.1
4222	90.096	89.505	-0.279	0.0	0.2	4266	90.089	89.505	-0.286	0.0	0.1
4224	90.095	89.505	-0.280	0.0	0.2	4268	90.089	89.505	-0.286	0.0	0.1
4226	90.095	89.505	-0.280	0.0	0.2	4270	90.089	89.505	-0.286	0.0	0.1
4228	90.095	89.505	-0.280	0.0	0.2	4272	90.089	89.505	-0.286	0.0	0.1
4230	90.094	89.505	-0.281	0.0	0.2	4274	90.088	89.505	-0.287	0.0	0.1
4232	90.094	89.505	-0.281	0.0	0.1	4276	90.088	89.505	-0.287	0.0	0.1
4234	90.094	89.505	-0.281	0.0	0.1	4278	90.088	89.505	-0.287	0.0	0.1
4236	90.093	89.505	-0.282	0.0	0.1	4280	90.088	89.505	-0.287	0.0	0.1
4238	90.093	89.505	-0.282	0.0	0.1	4282	90.088	89.505	-0.287	0.0	0.1
4240	90.093	89.505	-0.282	0.0	0.1	4284	90.087	89.505	-0.288	0.0	0.1
4242	90.092	89.505	-0.283	0.0	0.1	4286	90.087	89.505	-0.288	0.0	0.1
4244	90.092	89.505	-0.283	0.0	0.1	4288	90.087	89.505	-0.288	0.0	0.1

Royal HaskoningDHV		Page 54
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
4290	90.087	89.505	-0.288	0.0	0.1	4334	90.084	89.505	-0.291	0.0	0.0
4292	90.087	89.505	-0.288	0.0	0.1	4336	90.083	89.505	-0.292	0.0	0.0
4294	90.086	89.505	-0.289	0.0	0.1	4338	90.083	89.505	-0.292	0.0	0.0
4296	90.086	89.505	-0.289	0.0	0.1	4340	90.083	89.505	-0.292	0.0	0.0
4298	90.086	89.505	-0.289	0.0	0.1	4342	90.083	89.505	-0.292	0.0	0.0
4300	90.086	89.505	-0.289	0.0	0.1	4344	90.083	89.505	-0.292	0.0	0.0
4302	90.086	89.505	-0.289	0.0	0.0	4346	90.083	89.505	-0.292	0.0	0.0
4304	90.086	89.505	-0.289	0.0	0.0	4348	90.083	89.505	-0.292	0.0	0.0
4306	90.085	89.505	-0.290	0.0	0.0	4350	90.083	89.505	-0.292	0.0	0.0
4308	90.085	89.505	-0.290	0.0	0.0	4352	90.083	89.505	-0.292	0.0	0.0
4310	90.085	89.505	-0.290	0.0	0.0	4354	90.083	89.505	-0.292	0.0	0.0
4312	90.085	89.505	-0.290	0.0	0.0	4356	90.082	89.505	-0.293	0.0	0.0
4314	90.085	89.505	-0.290	0.0	0.0	4358	90.082	89.505	-0.293	0.0	0.0
4316	90.085	89.505	-0.290	0.0	0.0	4360	90.082	89.505	-0.293	0.0	0.0
4318	90.084	89.505	-0.291	0.0	0.0	4362	90.082	89.505	-0.293	0.0	0.0
4320	90.084	89.505	-0.291	0.0	0.0	4364	90.082	89.505	-0.293	0.0	0.0
4322	90.084	89.505	-0.291	0.0	0.0	4366	90.082	89.505	-0.293	0.0	0.0
4324	90.084	89.505	-0.291	0.0	0.0	4368	90.082	89.505	-0.293	0.0	0.0
4326	90.084	89.505	-0.291	0.0	0.0	4370	90.082	89.505	-0.293	0.0	0.0
4328	90.084	89.505	-0.291	0.0	0.0	4372	90.082	89.505	-0.293	0.0	0.0
4330	90.084	89.505	-0.291	0.0	0.0	4374	90.082	89.505	-0.293	0.0	0.0
4332	90.084	89.505	-0.291	0.0	0.0	4376	90.082	89.505	-0.293	0.0	0.0

Royal HaskoningDHV		Page 55
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
4378	90.082	89.505	-0.293	0.0	0.0	4422	90.080	89.505	-0.295	0.0	0.0
4380	90.082	89.505	-0.293	0.0	0.0	4424	90.080	89.505	-0.295	0.0	0.0
4382	90.081	89.505	-0.294	0.0	0.0	4426	90.080	89.505	-0.295	0.0	0.0
4384	90.081	89.505	-0.294	0.0	0.0	4428	90.080	89.505	-0.295	0.0	0.0
4386	90.081	89.505	-0.294	0.0	0.0	4430	90.080	89.505	-0.295	0.0	0.0
4388	90.081	89.505	-0.294	0.0	0.0	4432	90.080	89.505	-0.295	0.0	0.0
4390	90.081	89.505	-0.294	0.0	0.0	4434	90.080	89.505	-0.295	0.0	0.0
4392	90.081	89.505	-0.294	0.0	0.0	4436	90.080	89.505	-0.295	0.0	0.0
4394	90.081	89.505	-0.294	0.0	0.0	4438	90.080	89.505	-0.295	0.0	0.0
4396	90.081	89.505	-0.294	0.0	0.0	4440	90.080	89.505	-0.295	0.0	0.0
4398	90.081	89.505	-0.294	0.0	0.0	4442	90.080	89.505	-0.295	0.0	0.0
4400	90.081	89.505	-0.294	0.0	0.0	4444	90.080	89.505	-0.295	0.0	0.0
4402	90.081	89.505	-0.294	0.0	0.0	4446	90.080	89.505	-0.295	0.0	0.0
4404	90.081	89.505	-0.294	0.0	0.0	4448	90.080	89.505	-0.295	0.0	0.0
4406	90.081	89.505	-0.294	0.0	0.0	4450	90.080	89.505	-0.295	0.0	0.0
4408	90.081	89.505	-0.294	0.0	0.0	4452	90.080	89.505	-0.295	0.0	0.0
4410	90.081	89.505	-0.294	0.0	0.0	4454	90.080	89.505	-0.295	0.0	0.0
4412	90.081	89.505	-0.294	0.0	0.0	4456	90.080	89.505	-0.295	0.0	0.0
4414	90.081	89.505	-0.294	0.0	0.0	4458	90.080	89.505	-0.295	0.0	0.0
4416	90.081	89.505	-0.294	0.0	0.0	4460	90.080	89.505	-0.295	0.0	0.0
4418	90.080	89.505	-0.295	0.0	0.0	4462	90.080	89.505	-0.295	0.0	0.0
4420	90.080	89.505	-0.295	0.0	0.0	4464	90.080	89.505	-0.295	0.0	0.0

Royal HaskoningDHV		Page 56
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
4466	90.080	89.505	-0.295	0.0	0.0	4510	90.079	89.505	-0.296	0.0	0.0
4468	90.080	89.505	-0.295	0.0	0.0	4512	90.079	89.505	-0.296	0.0	0.0
4470	90.080	89.505	-0.295	0.0	0.0	4514	90.079	89.505	-0.296	0.0	0.0
4472	90.079	89.505	-0.296	0.0	0.0	4516	90.079	89.505	-0.296	0.0	0.0
4474	90.079	89.505	-0.296	0.0	0.0	4518	90.079	89.505	-0.296	0.0	0.0
4476	90.079	89.505	-0.296	0.0	0.0	4520	90.079	89.505	-0.296	0.0	0.0
4478	90.079	89.505	-0.296	0.0	0.0	4522	90.079	89.505	-0.296	0.0	0.0
4480	90.079	89.505	-0.296	0.0	0.0	4524	90.079	89.505	-0.296	0.0	0.0
4482	90.079	89.505	-0.296	0.0	0.0	4526	90.079	89.505	-0.296	0.0	0.0
4484	90.079	89.505	-0.296	0.0	0.0	4528	90.079	89.505	-0.296	0.0	0.0
4486	90.079	89.505	-0.296	0.0	0.0	4530	90.079	89.505	-0.296	0.0	0.0
4488	90.079	89.505	-0.296	0.0	0.0	4532	90.079	89.505	-0.296	0.0	0.0
4490	90.079	89.505	-0.296	0.0	0.0	4534	90.079	89.505	-0.296	0.0	0.0
4492	90.079	89.505	-0.296	0.0	0.0	4536	90.079	89.505	-0.296	0.0	0.0
4494	90.079	89.505	-0.296	0.0	0.0	4538	90.079	89.505	-0.296	0.0	0.0
4496	90.079	89.505	-0.296	0.0	0.0	4540	90.079	89.505	-0.296	0.0	0.0
4498	90.079	89.505	-0.296	0.0	0.0	4542	90.079	89.505	-0.296	0.0	0.0
4500	90.079	89.505	-0.296	0.0	0.0	4544	90.079	89.505	-0.296	0.0	0.0
4502	90.079	89.505	-0.296	0.0	0.0	4546	90.079	89.505	-0.296	0.0	0.0
4504	90.079	89.505	-0.296	0.0	0.0	4548	90.079	89.505	-0.296	0.0	0.0
4506	90.079	89.505	-0.296	0.0	0.0	4550	90.079	89.505	-0.296	0.0	0.0
4508	90.079	89.505	-0.296	0.0	0.0	4552	90.079	89.505	-0.296	0.0	0.0

Royal HaskoningDHV		Page 57
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
4554	90.079	89.505	-0.296	0.0	0.0	4598	90.078	89.505	-0.297	0.0	0.0
4556	90.078	89.505	-0.297	0.0	0.0	4600	90.078	89.505	-0.297	0.0	0.0
4558	90.078	89.505	-0.297	0.0	0.0	4602	90.078	89.505	-0.297	0.0	0.0
4560	90.078	89.505	-0.297	0.0	0.0	4604	90.078	89.505	-0.297	0.0	0.0
4562	90.078	89.505	-0.297	0.0	0.0	4606	90.078	89.505	-0.297	0.0	0.0
4564	90.078	89.505	-0.297	0.0	0.0	4608	90.078	89.505	-0.297	0.0	0.0
4566	90.078	89.505	-0.297	0.0	0.0	4610	90.078	89.505	-0.297	0.0	0.0
4568	90.078	89.505	-0.297	0.0	0.0	4612	90.078	89.505	-0.297	0.0	0.0
4570	90.078	89.505	-0.297	0.0	0.0	4614	90.078	89.505	-0.297	0.0	0.0
4572	90.078	89.505	-0.297	0.0	0.0	4616	90.078	89.505	-0.297	0.0	0.0
4574	90.078	89.505	-0.297	0.0	0.0	4618	90.078	89.505	-0.297	0.0	0.0
4576	90.078	89.505	-0.297	0.0	0.0	4620	90.078	89.505	-0.297	0.0	0.0
4578	90.078	89.505	-0.297	0.0	0.0	4622	90.078	89.505	-0.297	0.0	0.0
4580	90.078	89.505	-0.297	0.0	0.0	4624	90.078	89.505	-0.297	0.0	0.0
4582	90.078	89.505	-0.297	0.0	0.0	4626	90.078	89.505	-0.297	0.0	0.0
4584	90.078	89.505	-0.297	0.0	0.0	4628	90.078	89.505	-0.297	0.0	0.0
4586	90.078	89.505	-0.297	0.0	0.0	4630	90.078	89.505	-0.297	0.0	0.0
4588	90.078	89.505	-0.297	0.0	0.0	4632	90.078	89.505	-0.297	0.0	0.0
4590	90.078	89.505	-0.297	0.0	0.0	4634	90.078	89.505	-0.297	0.0	0.0
4592	90.078	89.505	-0.297	0.0	0.0	4636	90.078	89.505	-0.297	0.0	0.0
4594	90.078	89.505	-0.297	0.0	0.0	4638	90.078	89.505	-0.297	0.0	0.0
4596	90.078	89.505	-0.297	0.0	0.0	4640	90.078	89.505	-0.297	0.0	0.0

Royal HaskoningDHV		Page 58
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
4642	90.078	89.505	-0.297	0.0	0.0	4686	90.078	89.505	-0.297	0.0	0.0
4644	90.078	89.505	-0.297	0.0	0.0	4688	90.078	89.505	-0.297	0.0	0.0
4646	90.078	89.505	-0.297	0.0	0.0	4690	90.078	89.505	-0.297	0.0	0.0
4648	90.078	89.505	-0.297	0.0	0.0	4692	90.078	89.505	-0.297	0.0	0.0
4650	90.078	89.505	-0.297	0.0	0.0	4694	90.078	89.505	-0.297	0.0	0.0
4652	90.078	89.505	-0.297	0.0	0.0	4696	90.078	89.505	-0.297	0.0	0.0
4654	90.078	89.505	-0.297	0.0	0.0	4698	90.078	89.505	-0.297	0.0	0.0
4656	90.078	89.505	-0.297	0.0	0.0	4700	90.078	89.505	-0.297	0.0	0.0
4658	90.078	89.505	-0.297	0.0	0.0	4702	90.077	89.505	-0.298	0.0	0.0
4660	90.078	89.505	-0.297	0.0	0.0	4704	90.077	89.505	-0.298	0.0	0.0
4662	90.078	89.505	-0.297	0.0	0.0	4706	90.077	89.505	-0.298	0.0	0.0
4664	90.078	89.505	-0.297	0.0	0.0	4708	90.077	89.505	-0.298	0.0	0.0
4666	90.078	89.505	-0.297	0.0	0.0	4710	90.077	89.505	-0.298	0.0	0.0
4668	90.078	89.505	-0.297	0.0	0.0	4712	90.077	89.505	-0.298	0.0	0.0
4670	90.078	89.505	-0.297	0.0	0.0	4714	90.077	89.505	-0.298	0.0	0.0
4672	90.078	89.505	-0.297	0.0	0.0	4716	90.077	89.505	-0.298	0.0	0.0
4674	90.078	89.505	-0.297	0.0	0.0	4718	90.077	89.505	-0.298	0.0	0.0
4676	90.078	89.505	-0.297	0.0	0.0	4720	90.077	89.505	-0.298	0.0	0.0
4678	90.078	89.505	-0.297	0.0	0.0	4722	90.077	89.505	-0.298	0.0	0.0
4680	90.078	89.505	-0.297	0.0	0.0	4724	90.077	89.505	-0.298	0.0	0.0
4682	90.078	89.505	-0.297	0.0	0.0	4726	90.077	89.505	-0.298	0.0	0.0
4684	90.078	89.505	-0.297	0.0	0.0	4728	90.077	89.505	-0.298	0.0	0.0

Royal HaskoningDHV		Page 59
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
4730	90.077	89.505	-0.298	0.0	0.0	4774	90.077	89.505	-0.298	0.0	0.0
4732	90.077	89.505	-0.298	0.0	0.0	4776	90.077	89.505	-0.298	0.0	0.0
4734	90.077	89.505	-0.298	0.0	0.0	4778	90.077	89.505	-0.298	0.0	0.0
4736	90.077	89.505	-0.298	0.0	0.0	4780	90.077	89.505	-0.298	0.0	0.0
4738	90.077	89.505	-0.298	0.0	0.0	4782	90.077	89.505	-0.298	0.0	0.0
4740	90.077	89.505	-0.298	0.0	0.0	4784	90.077	89.505	-0.298	0.0	0.0
4742	90.077	89.505	-0.298	0.0	0.0	4786	90.077	89.505	-0.298	0.0	0.0
4744	90.077	89.505	-0.298	0.0	0.0	4788	90.077	89.505	-0.298	0.0	0.0
4746	90.077	89.505	-0.298	0.0	0.0	4790	90.077	89.505	-0.298	0.0	0.0
4748	90.077	89.505	-0.298	0.0	0.0	4792	90.077	89.505	-0.298	0.0	0.0
4750	90.077	89.505	-0.298	0.0	0.0	4794	90.077	89.505	-0.298	0.0	0.0
4752	90.077	89.505	-0.298	0.0	0.0	4796	90.077	89.505	-0.298	0.0	0.0
4754	90.077	89.505	-0.298	0.0	0.0	4798	90.077	89.505	-0.298	0.0	0.0
4756	90.077	89.505	-0.298	0.0	0.0	4800	90.077	89.505	-0.298	0.0	0.0
4758	90.077	89.505	-0.298	0.0	0.0	4802	90.077	89.505	-0.298	0.0	0.0
4760	90.077	89.505	-0.298	0.0	0.0	4804	90.077	89.505	-0.298	0.0	0.0
4762	90.077	89.505	-0.298	0.0	0.0	4806	90.077	89.505	-0.298	0.0	0.0
4764	90.077	89.505	-0.298	0.0	0.0	4808	90.077	89.505	-0.298	0.0	0.0
4766	90.077	89.505	-0.298	0.0	0.0	4810	90.077	89.505	-0.298	0.0	0.0
4768	90.077	89.505	-0.298	0.0	0.0	4812	90.077	89.505	-0.298	0.0	0.0
4770	90.077	89.505	-0.298	0.0	0.0	4814	90.077	89.505	-0.298	0.0	0.0
4772	90.077	89.505	-0.298	0.0	0.0	4816	90.077	89.505	-0.298	0.0	0.0

Royal HaskoningDHV		Page 60
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
4818	90.077	89.505	-0.298	0.0	0.0	4862	90.076	89.505	-0.299	0.0	0.0
4820	90.077	89.505	-0.298	0.0	0.0	4864	90.076	89.505	-0.299	0.0	0.0
4822	90.077	89.505	-0.298	0.0	0.0	4866	90.076	89.505	-0.299	0.0	0.0
4824	90.077	89.505	-0.298	0.0	0.0	4868	90.076	89.505	-0.299	0.0	0.0
4826	90.077	89.505	-0.298	0.0	0.0	4870	90.076	89.505	-0.299	0.0	0.0
4828	90.077	89.505	-0.298	0.0	0.0	4872	90.076	89.505	-0.299	0.0	0.0
4830	90.076	89.505	-0.299	0.0	0.0	4874	90.076	89.505	-0.299	0.0	0.0
4832	90.076	89.505	-0.299	0.0	0.0	4876	90.076	89.505	-0.299	0.0	0.0
4834	90.076	89.505	-0.299	0.0	0.0	4878	90.076	89.505	-0.299	0.0	0.0
4836	90.076	89.505	-0.299	0.0	0.0	4880	90.076	89.505	-0.299	0.0	0.0
4838	90.076	89.505	-0.299	0.0	0.0	4882	90.076	89.505	-0.299	0.0	0.0
4840	90.076	89.505	-0.299	0.0	0.0	4884	90.076	89.505	-0.299	0.0	0.0
4842	90.076	89.505	-0.299	0.0	0.0	4886	90.076	89.505	-0.299	0.0	0.0
4844	90.076	89.505	-0.299	0.0	0.0	4888	90.076	89.505	-0.299	0.0	0.0
4846	90.076	89.505	-0.299	0.0	0.0	4890	90.076	89.505	-0.299	0.0	0.0
4848	90.076	89.505	-0.299	0.0	0.0	4892	90.076	89.505	-0.299	0.0	0.0
4850	90.076	89.505	-0.299	0.0	0.0	4894	90.076	89.505	-0.299	0.0	0.0
4852	90.076	89.505	-0.299	0.0	0.0	4896	90.076	89.505	-0.299	0.0	0.0
4854	90.076	89.505	-0.299	0.0	0.0	4898	90.076	89.505	-0.299	0.0	0.0
4856	90.076	89.505	-0.299	0.0	0.0	4900	90.076	89.505	-0.299	0.0	0.0
4858	90.076	89.505	-0.299	0.0	0.0	4902	90.076	89.505	-0.299	0.0	0.0
4860	90.076	89.505	-0.299	0.0	0.0	4904	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 61
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
4906	90.076	89.505	-0.299	0.0	0.0	4950	90.076	89.505	-0.299	0.0	0.0
4908	90.076	89.505	-0.299	0.0	0.0	4952	90.076	89.505	-0.299	0.0	0.0
4910	90.076	89.505	-0.299	0.0	0.0	4954	90.076	89.505	-0.299	0.0	0.0
4912	90.076	89.505	-0.299	0.0	0.0	4956	90.076	89.505	-0.299	0.0	0.0
4914	90.076	89.505	-0.299	0.0	0.0	4958	90.076	89.505	-0.299	0.0	0.0
4916	90.076	89.505	-0.299	0.0	0.0	4960	90.076	89.505	-0.299	0.0	0.0
4918	90.076	89.505	-0.299	0.0	0.0	4962	90.076	89.505	-0.299	0.0	0.0
4920	90.076	89.505	-0.299	0.0	0.0	4964	90.076	89.505	-0.299	0.0	0.0
4922	90.076	89.505	-0.299	0.0	0.0	4966	90.076	89.505	-0.299	0.0	0.0
4924	90.076	89.505	-0.299	0.0	0.0	4968	90.076	89.505	-0.299	0.0	0.0
4926	90.076	89.505	-0.299	0.0	0.0	4970	90.076	89.505	-0.299	0.0	0.0
4928	90.076	89.505	-0.299	0.0	0.0	4972	90.076	89.505	-0.299	0.0	0.0
4930	90.076	89.505	-0.299	0.0	0.0	4974	90.076	89.505	-0.299	0.0	0.0
4932	90.076	89.505	-0.299	0.0	0.0	4976	90.076	89.505	-0.299	0.0	0.0
4934	90.076	89.505	-0.299	0.0	0.0	4978	90.076	89.505	-0.299	0.0	0.0
4936	90.076	89.505	-0.299	0.0	0.0	4980	90.076	89.505	-0.299	0.0	0.0
4938	90.076	89.505	-0.299	0.0	0.0	4982	90.076	89.505	-0.299	0.0	0.0
4940	90.076	89.505	-0.299	0.0	0.0	4984	90.076	89.505	-0.299	0.0	0.0
4942	90.076	89.505	-0.299	0.0	0.0	4986	90.076	89.505	-0.299	0.0	0.0
4944	90.076	89.505	-0.299	0.0	0.0	4988	90.076	89.505	-0.299	0.0	0.0
4946	90.076	89.505	-0.299	0.0	0.0	4990	90.076	89.505	-0.299	0.0	0.0
4948	90.076	89.505	-0.299	0.0	0.0	4992	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 62
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
4994	90.076	89.505	-0.299	0.0	0.0	5038	90.076	89.505	-0.299	0.0	0.0
4996	90.076	89.505	-0.299	0.0	0.0	5040	90.076	89.505	-0.299	0.0	0.0
4998	90.076	89.505	-0.299	0.0	0.0	5042	90.076	89.505	-0.299	0.0	0.0
5000	90.076	89.505	-0.299	0.0	0.0	5044	90.076	89.505	-0.299	0.0	0.0
5002	90.076	89.505	-0.299	0.0	0.0	5046	90.076	89.505	-0.299	0.0	0.0
5004	90.076	89.505	-0.299	0.0	0.0	5048	90.076	89.505	-0.299	0.0	0.0
5006	90.076	89.505	-0.299	0.0	0.0	5050	90.076	89.505	-0.299	0.0	0.0
5008	90.076	89.505	-0.299	0.0	0.0	5052	90.076	89.505	-0.299	0.0	0.0
5010	90.076	89.505	-0.299	0.0	0.0	5054	90.076	89.505	-0.299	0.0	0.0
5012	90.076	89.505	-0.299	0.0	0.0	5056	90.076	89.505	-0.299	0.0	0.0
5014	90.076	89.505	-0.299	0.0	0.0	5058	90.076	89.505	-0.299	0.0	0.0
5016	90.076	89.505	-0.299	0.0	0.0	5060	90.076	89.505	-0.299	0.0	0.0
5018	90.076	89.505	-0.299	0.0	0.0	5062	90.076	89.505	-0.299	0.0	0.0
5020	90.076	89.505	-0.299	0.0	0.0	5064	90.076	89.505	-0.299	0.0	0.0
5022	90.076	89.505	-0.299	0.0	0.0	5066	90.076	89.505	-0.299	0.0	0.0
5024	90.076	89.505	-0.299	0.0	0.0	5068	90.076	89.505	-0.299	0.0	0.0
5026	90.076	89.505	-0.299	0.0	0.0	5070	90.076	89.505	-0.299	0.0	0.0
5028	90.076	89.505	-0.299	0.0	0.0	5072	90.076	89.505	-0.299	0.0	0.0
5030	90.076	89.505	-0.299	0.0	0.0	5074	90.076	89.505	-0.299	0.0	0.0
5032	90.076	89.505	-0.299	0.0	0.0	5076	90.076	89.505	-0.299	0.0	0.0
5034	90.076	89.505	-0.299	0.0	0.0	5078	90.076	89.505	-0.299	0.0	0.0
5036	90.076	89.505	-0.299	0.0	0.0	5080	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 63
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
5082	90.076	89.505	-0.299	0.0	0.0	5126	90.076	89.505	-0.299	0.0	0.0
5084	90.076	89.505	-0.299	0.0	0.0	5128	90.076	89.505	-0.299	0.0	0.0
5086	90.076	89.505	-0.299	0.0	0.0	5130	90.076	89.505	-0.299	0.0	0.0
5088	90.076	89.505	-0.299	0.0	0.0	5132	90.076	89.505	-0.299	0.0	0.0
5090	90.076	89.505	-0.299	0.0	0.0	5134	90.076	89.505	-0.299	0.0	0.0
5092	90.076	89.505	-0.299	0.0	0.0	5136	90.076	89.505	-0.299	0.0	0.0
5094	90.076	89.505	-0.299	0.0	0.0	5138	90.076	89.505	-0.299	0.0	0.0
5096	90.076	89.505	-0.299	0.0	0.0	5140	90.076	89.505	-0.299	0.0	0.0
5098	90.076	89.505	-0.299	0.0	0.0	5142	90.076	89.505	-0.299	0.0	0.0
5100	90.076	89.505	-0.299	0.0	0.0	5144	90.076	89.505	-0.299	0.0	0.0
5102	90.076	89.505	-0.299	0.0	0.0	5146	90.076	89.505	-0.299	0.0	0.0
5104	90.076	89.505	-0.299	0.0	0.0	5148	90.076	89.505	-0.299	0.0	0.0
5106	90.076	89.505	-0.299	0.0	0.0	5150	90.076	89.505	-0.299	0.0	0.0
5108	90.076	89.505	-0.299	0.0	0.0	5152	90.076	89.505	-0.299	0.0	0.0
5110	90.076	89.505	-0.299	0.0	0.0	5154	90.076	89.505	-0.299	0.0	0.0
5112	90.076	89.505	-0.299	0.0	0.0	5156	90.076	89.505	-0.299	0.0	0.0
5114	90.076	89.505	-0.299	0.0	0.0	5158	90.076	89.505	-0.299	0.0	0.0
5116	90.076	89.505	-0.299	0.0	0.0	5160	90.076	89.505	-0.299	0.0	0.0
5118	90.076	89.505	-0.299	0.0	0.0	5162	90.076	89.505	-0.299	0.0	0.0
5120	90.076	89.505	-0.299	0.0	0.0	5164	90.076	89.505	-0.299	0.0	0.0
5122	90.076	89.505	-0.299	0.0	0.0	5166	90.076	89.505	-0.299	0.0	0.0
5124	90.076	89.505	-0.299	0.0	0.0	5168	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 64
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
5170	90.076	89.505	-0.299	0.0	0.0	5214	90.076	89.505	-0.299	0.0	0.0
5172	90.076	89.505	-0.299	0.0	0.0	5216	90.076	89.505	-0.299	0.0	0.0
5174	90.076	89.505	-0.299	0.0	0.0	5218	90.076	89.505	-0.299	0.0	0.0
5176	90.076	89.505	-0.299	0.0	0.0	5220	90.076	89.505	-0.299	0.0	0.0
5178	90.076	89.505	-0.299	0.0	0.0	5222	90.076	89.505	-0.299	0.0	0.0
5180	90.076	89.505	-0.299	0.0	0.0	5224	90.076	89.505	-0.299	0.0	0.0
5182	90.076	89.505	-0.299	0.0	0.0	5226	90.076	89.505	-0.299	0.0	0.0
5184	90.076	89.505	-0.299	0.0	0.0	5228	90.076	89.505	-0.299	0.0	0.0
5186	90.076	89.505	-0.299	0.0	0.0	5230	90.076	89.505	-0.299	0.0	0.0
5188	90.076	89.505	-0.299	0.0	0.0	5232	90.076	89.505	-0.299	0.0	0.0
5190	90.076	89.505	-0.299	0.0	0.0	5234	90.076	89.505	-0.299	0.0	0.0
5192	90.076	89.505	-0.299	0.0	0.0	5236	90.076	89.505	-0.299	0.0	0.0
5194	90.076	89.505	-0.299	0.0	0.0	5238	90.076	89.505	-0.299	0.0	0.0
5196	90.076	89.505	-0.299	0.0	0.0	5240	90.076	89.505	-0.299	0.0	0.0
5198	90.076	89.505	-0.299	0.0	0.0	5242	90.076	89.505	-0.299	0.0	0.0
5200	90.076	89.505	-0.299	0.0	0.0	5244	90.076	89.505	-0.299	0.0	0.0
5202	90.076	89.505	-0.299	0.0	0.0	5246	90.076	89.505	-0.299	0.0	0.0
5204	90.076	89.505	-0.299	0.0	0.0	5248	90.076	89.505	-0.299	0.0	0.0
5206	90.076	89.505	-0.299	0.0	0.0	5250	90.076	89.505	-0.299	0.0	0.0
5208	90.076	89.505	-0.299	0.0	0.0	5252	90.076	89.505	-0.299	0.0	0.0
5210	90.076	89.505	-0.299	0.0	0.0	5254	90.076	89.505	-0.299	0.0	0.0
5212	90.076	89.505	-0.299	0.0	0.0	5256	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 65
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
5258	90.076	89.505	-0.299	0.0	0.0	5302	90.076	89.505	-0.299	0.0	0.0
5260	90.076	89.505	-0.299	0.0	0.0	5304	90.076	89.505	-0.299	0.0	0.0
5262	90.076	89.505	-0.299	0.0	0.0	5306	90.076	89.505	-0.299	0.0	0.0
5264	90.076	89.505	-0.299	0.0	0.0	5308	90.076	89.505	-0.299	0.0	0.0
5266	90.076	89.505	-0.299	0.0	0.0	5310	90.076	89.505	-0.299	0.0	0.0
5268	90.076	89.505	-0.299	0.0	0.0	5312	90.076	89.505	-0.299	0.0	0.0
5270	90.076	89.505	-0.299	0.0	0.0	5314	90.076	89.505	-0.299	0.0	0.0
5272	90.076	89.505	-0.299	0.0	0.0	5316	90.076	89.505	-0.299	0.0	0.0
5274	90.076	89.505	-0.299	0.0	0.0	5318	90.076	89.505	-0.299	0.0	0.0
5276	90.076	89.505	-0.299	0.0	0.0	5320	90.076	89.505	-0.299	0.0	0.0
5278	90.076	89.505	-0.299	0.0	0.0	5322	90.076	89.505	-0.299	0.0	0.0
5280	90.076	89.505	-0.299	0.0	0.0	5324	90.076	89.505	-0.299	0.0	0.0
5282	90.076	89.505	-0.299	0.0	0.0	5326	90.076	89.505	-0.299	0.0	0.0
5284	90.076	89.505	-0.299	0.0	0.0	5328	90.076	89.505	-0.299	0.0	0.0
5286	90.076	89.505	-0.299	0.0	0.0	5330	90.076	89.505	-0.299	0.0	0.0
5288	90.076	89.505	-0.299	0.0	0.0	5332	90.076	89.505	-0.299	0.0	0.0
5290	90.076	89.505	-0.299	0.0	0.0	5334	90.076	89.505	-0.299	0.0	0.0
5292	90.076	89.505	-0.299	0.0	0.0	5336	90.076	89.505	-0.299	0.0	0.0
5294	90.076	89.505	-0.299	0.0	0.0	5338	90.076	89.505	-0.299	0.0	0.0
5296	90.076	89.505	-0.299	0.0	0.0	5340	90.076	89.505	-0.299	0.0	0.0
5298	90.076	89.505	-0.299	0.0	0.0	5342	90.076	89.505	-0.299	0.0	0.0
5300	90.076	89.505	-0.299	0.0	0.0	5344	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 66
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
5346	90.076	89.505	-0.299	0.0	0.0	5390	90.076	89.505	-0.299	0.0	0.0
5348	90.076	89.505	-0.299	0.0	0.0	5392	90.076	89.505	-0.299	0.0	0.0
5350	90.076	89.505	-0.299	0.0	0.0	5394	90.076	89.505	-0.299	0.0	0.0
5352	90.076	89.505	-0.299	0.0	0.0	5396	90.076	89.505	-0.299	0.0	0.0
5354	90.076	89.505	-0.299	0.0	0.0	5398	90.076	89.505	-0.299	0.0	0.0
5356	90.076	89.505	-0.299	0.0	0.0	5400	90.076	89.505	-0.299	0.0	0.0
5358	90.076	89.505	-0.299	0.0	0.0	5402	90.076	89.505	-0.299	0.0	0.0
5360	90.076	89.505	-0.299	0.0	0.0	5404	90.076	89.505	-0.299	0.0	0.0
5362	90.076	89.505	-0.299	0.0	0.0	5406	90.076	89.505	-0.299	0.0	0.0
5364	90.076	89.505	-0.299	0.0	0.0	5408	90.076	89.505	-0.299	0.0	0.0
5366	90.076	89.505	-0.299	0.0	0.0	5410	90.076	89.505	-0.299	0.0	0.0
5368	90.076	89.505	-0.299	0.0	0.0	5412	90.076	89.505	-0.299	0.0	0.0
5370	90.076	89.505	-0.299	0.0	0.0	5414	90.076	89.505	-0.299	0.0	0.0
5372	90.076	89.505	-0.299	0.0	0.0	5416	90.076	89.505	-0.299	0.0	0.0
5374	90.076	89.505	-0.299	0.0	0.0	5418	90.076	89.505	-0.299	0.0	0.0
5376	90.076	89.505	-0.299	0.0	0.0	5420	90.076	89.505	-0.299	0.0	0.0
5378	90.076	89.505	-0.299	0.0	0.0	5422	90.076	89.505	-0.299	0.0	0.0
5380	90.076	89.505	-0.299	0.0	0.0	5424	90.076	89.505	-0.299	0.0	0.0
5382	90.076	89.505	-0.299	0.0	0.0	5426	90.076	89.505	-0.299	0.0	0.0
5384	90.076	89.505	-0.299	0.0	0.0	5428	90.076	89.505	-0.299	0.0	0.0
5386	90.076	89.505	-0.299	0.0	0.0	5430	90.076	89.505	-0.299	0.0	0.0
5388	90.076	89.505	-0.299	0.0	0.0	5432	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 67
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
5434	90.076	89.505	-0.299	0.0	0.0	5478	90.076	89.505	-0.299	0.0	0.0
5436	90.076	89.505	-0.299	0.0	0.0	5480	90.076	89.505	-0.299	0.0	0.0
5438	90.076	89.505	-0.299	0.0	0.0	5482	90.076	89.505	-0.299	0.0	0.0
5440	90.076	89.505	-0.299	0.0	0.0	5484	90.076	89.505	-0.299	0.0	0.0
5442	90.076	89.505	-0.299	0.0	0.0	5486	90.076	89.505	-0.299	0.0	0.0
5444	90.076	89.505	-0.299	0.0	0.0	5488	90.076	89.505	-0.299	0.0	0.0
5446	90.076	89.505	-0.299	0.0	0.0	5490	90.076	89.505	-0.299	0.0	0.0
5448	90.076	89.505	-0.299	0.0	0.0	5492	90.076	89.505	-0.299	0.0	0.0
5450	90.076	89.505	-0.299	0.0	0.0	5494	90.076	89.505	-0.299	0.0	0.0
5452	90.076	89.505	-0.299	0.0	0.0	5496	90.076	89.505	-0.299	0.0	0.0
5454	90.076	89.505	-0.299	0.0	0.0	5498	90.076	89.505	-0.299	0.0	0.0
5456	90.076	89.505	-0.299	0.0	0.0	5500	90.076	89.505	-0.299	0.0	0.0
5458	90.076	89.505	-0.299	0.0	0.0	5502	90.076	89.505	-0.299	0.0	0.0
5460	90.076	89.505	-0.299	0.0	0.0	5504	90.076	89.505	-0.299	0.0	0.0
5462	90.076	89.505	-0.299	0.0	0.0	5506	90.076	89.505	-0.299	0.0	0.0
5464	90.076	89.505	-0.299	0.0	0.0	5508	90.076	89.505	-0.299	0.0	0.0
5466	90.076	89.505	-0.299	0.0	0.0	5510	90.076	89.505	-0.299	0.0	0.0
5468	90.076	89.505	-0.299	0.0	0.0	5512	90.076	89.505	-0.299	0.0	0.0
5470	90.076	89.505	-0.299	0.0	0.0	5514	90.076	89.505	-0.299	0.0	0.0
5472	90.076	89.505	-0.299	0.0	0.0	5516	90.076	89.505	-0.299	0.0	0.0
5474	90.076	89.505	-0.299	0.0	0.0	5518	90.076	89.505	-0.299	0.0	0.0
5476	90.076	89.505	-0.299	0.0	0.0	5520	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 68
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
5522	90.076	89.505	-0.299	0.0	0.0	5566	90.076	89.505	-0.299	0.0	0.0
5524	90.076	89.505	-0.299	0.0	0.0	5568	90.076	89.505	-0.299	0.0	0.0
5526	90.076	89.505	-0.299	0.0	0.0	5570	90.076	89.505	-0.299	0.0	0.0
5528	90.076	89.505	-0.299	0.0	0.0	5572	90.076	89.505	-0.299	0.0	0.0
5530	90.076	89.505	-0.299	0.0	0.0	5574	90.076	89.505	-0.299	0.0	0.0
5532	90.076	89.505	-0.299	0.0	0.0	5576	90.076	89.505	-0.299	0.0	0.0
5534	90.076	89.505	-0.299	0.0	0.0	5578	90.076	89.505	-0.299	0.0	0.0
5536	90.076	89.505	-0.299	0.0	0.0	5580	90.076	89.505	-0.299	0.0	0.0
5538	90.076	89.505	-0.299	0.0	0.0	5582	90.076	89.505	-0.299	0.0	0.0
5540	90.076	89.505	-0.299	0.0	0.0	5584	90.076	89.505	-0.299	0.0	0.0
5542	90.076	89.505	-0.299	0.0	0.0	5586	90.076	89.505	-0.299	0.0	0.0
5544	90.076	89.505	-0.299	0.0	0.0	5588	90.076	89.505	-0.299	0.0	0.0
5546	90.076	89.505	-0.299	0.0	0.0	5590	90.076	89.505	-0.299	0.0	0.0
5548	90.076	89.505	-0.299	0.0	0.0	5592	90.076	89.505	-0.299	0.0	0.0
5550	90.076	89.505	-0.299	0.0	0.0	5594	90.076	89.505	-0.299	0.0	0.0
5552	90.076	89.505	-0.299	0.0	0.0	5596	90.076	89.505	-0.299	0.0	0.0
5554	90.076	89.505	-0.299	0.0	0.0	5598	90.076	89.505	-0.299	0.0	0.0
5556	90.076	89.505	-0.299	0.0	0.0	5600	90.076	89.505	-0.299	0.0	0.0
5558	90.076	89.505	-0.299	0.0	0.0	5602	90.076	89.505	-0.299	0.0	0.0
5560	90.076	89.505	-0.299	0.0	0.0	5604	90.076	89.505	-0.299	0.0	0.0
5562	90.076	89.505	-0.299	0.0	0.0	5606	90.076	89.505	-0.299	0.0	0.0
5564	90.076	89.505	-0.299	0.0	0.0	5608	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 69
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
5610	90.076	89.505	-0.299	0.0	0.0	5654	90.076	89.505	-0.299	0.0	0.0
5612	90.076	89.505	-0.299	0.0	0.0	5656	90.076	89.505	-0.299	0.0	0.0
5614	90.076	89.505	-0.299	0.0	0.0	5658	90.076	89.505	-0.299	0.0	0.0
5616	90.076	89.505	-0.299	0.0	0.0	5660	90.076	89.505	-0.299	0.0	0.0
5618	90.076	89.505	-0.299	0.0	0.0	5662	90.076	89.505	-0.299	0.0	0.0
5620	90.076	89.505	-0.299	0.0	0.0	5664	90.076	89.505	-0.299	0.0	0.0
5622	90.076	89.505	-0.299	0.0	0.0	5666	90.076	89.505	-0.299	0.0	0.0
5624	90.076	89.505	-0.299	0.0	0.0	5668	90.076	89.505	-0.299	0.0	0.0
5626	90.076	89.505	-0.299	0.0	0.0	5670	90.076	89.505	-0.299	0.0	0.0
5628	90.076	89.505	-0.299	0.0	0.0	5672	90.076	89.505	-0.299	0.0	0.0
5630	90.076	89.505	-0.299	0.0	0.0	5674	90.076	89.505	-0.299	0.0	0.0
5632	90.076	89.505	-0.299	0.0	0.0	5676	90.076	89.505	-0.299	0.0	0.0
5634	90.076	89.505	-0.299	0.0	0.0	5678	90.076	89.505	-0.299	0.0	0.0
5636	90.076	89.505	-0.299	0.0	0.0	5680	90.076	89.505	-0.299	0.0	0.0
5638	90.076	89.505	-0.299	0.0	0.0	5682	90.076	89.505	-0.299	0.0	0.0
5640	90.076	89.505	-0.299	0.0	0.0	5684	90.076	89.505	-0.299	0.0	0.0
5642	90.076	89.505	-0.299	0.0	0.0	5686	90.076	89.505	-0.299	0.0	0.0
5644	90.076	89.505	-0.299	0.0	0.0	5688	90.076	89.505	-0.299	0.0	0.0
5646	90.076	89.505	-0.299	0.0	0.0	5690	90.076	89.505	-0.299	0.0	0.0
5648	90.076	89.505	-0.299	0.0	0.0	5692	90.076	89.505	-0.299	0.0	0.0
5650	90.076	89.505	-0.299	0.0	0.0	5694	90.076	89.505	-0.299	0.0	0.0
5652	90.076	89.505	-0.299	0.0	0.0	5696	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 70
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (2 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
5698	90.076	89.505	-0.299	0.0	0.0	5730	90.076	89.505	-0.299	0.0	0.0
5700	90.076	89.505	-0.299	0.0	0.0	5732	90.076	89.505	-0.299	0.0	0.0
5702	90.076	89.505	-0.299	0.0	0.0	5734	90.076	89.505	-0.299	0.0	0.0
5704	90.076	89.505	-0.299	0.0	0.0	5736	90.076	89.505	-0.299	0.0	0.0
5706	90.076	89.505	-0.299	0.0	0.0	5738	90.076	89.505	-0.299	0.0	0.0
5708	90.076	89.505	-0.299	0.0	0.0	5740	90.076	89.505	-0.299	0.0	0.0
5710	90.076	89.505	-0.299	0.0	0.0	5742	90.076	89.505	-0.299	0.0	0.0
5712	90.076	89.505	-0.299	0.0	0.0	5744	90.076	89.505	-0.299	0.0	0.0
5714	90.076	89.505	-0.299	0.0	0.0	5746	90.076	89.505	-0.299	0.0	0.0
5716	90.076	89.505	-0.299	0.0	0.0	5748	90.076	89.505	-0.299	0.0	0.0
5718	90.076	89.505	-0.299	0.0	0.0	5750	90.076	89.505	-0.299	0.0	0.0
5720	90.076	89.505	-0.299	0.0	0.0	5752	90.076	89.505	-0.299	0.0	0.0
5722	90.076	89.505	-0.299	0.0	0.0	5754	90.076	89.505	-0.299	0.0	0.0
5724	90.076	89.505	-0.299	0.0	0.0	5756	90.076	89.505	-0.299	0.0	0.0
5726	90.076	89.505	-0.299	0.0	0.0	5758	90.076	89.505	-0.299	0.0	0.0
5728	90.076	89.505	-0.299	0.0	0.0	5760	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 71
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
5762	90.076	89.505	-0.299	0.0	0.0	5806	90.076	89.505	-0.299	0.0	0.0
5764	90.076	89.505	-0.299	0.0	0.0	5808	90.076	89.505	-0.299	0.0	0.0
5766	90.076	89.505	-0.299	0.0	0.0	5810	90.076	89.505	-0.299	0.0	0.0
5768	90.076	89.505	-0.299	0.0	0.0	5812	90.076	89.505	-0.299	0.0	0.0
5770	90.076	89.505	-0.299	0.0	0.0	5814	90.076	89.505	-0.299	0.0	0.0
5772	90.076	89.505	-0.299	0.0	0.0	5816	90.076	89.505	-0.299	0.0	0.0
5774	90.076	89.505	-0.299	0.0	0.0	5818	90.076	89.505	-0.299	0.0	0.0
5776	90.076	89.505	-0.299	0.0	0.0	5820	90.076	89.505	-0.299	0.0	0.0
5778	90.076	89.505	-0.299	0.0	0.0	5822	90.076	89.505	-0.299	0.0	0.0
5780	90.076	89.505	-0.299	0.0	0.0	5824	90.076	89.505	-0.299	0.0	0.0
5782	90.076	89.505	-0.299	0.0	0.0	5826	90.076	89.505	-0.299	0.0	0.0
5784	90.076	89.505	-0.299	0.0	0.0	5828	90.076	89.505	-0.299	0.0	0.0
5786	90.076	89.505	-0.299	0.0	0.0	5830	90.076	89.505	-0.299	0.0	0.0
5788	90.076	89.505	-0.299	0.0	0.0	5832	90.076	89.505	-0.299	0.0	0.0
5790	90.076	89.505	-0.299	0.0	0.0	5834	90.076	89.505	-0.299	0.0	0.0
5792	90.076	89.505	-0.299	0.0	0.0	5836	90.076	89.505	-0.299	0.0	0.0
5794	90.076	89.505	-0.299	0.0	0.0	5838	90.076	89.505	-0.299	0.0	0.0
5796	90.076	89.505	-0.299	0.0	0.0	5840	90.076	89.505	-0.299	0.0	0.0
5798	90.076	89.505	-0.299	0.0	0.0	5842	90.076	89.505	-0.299	0.0	0.0
5800	90.076	89.505	-0.299	0.0	0.0	5844	90.076	89.505	-0.299	0.0	0.0
5802	90.076	89.505	-0.299	0.0	0.0	5846	90.076	89.505	-0.299	0.0	0.0
5804	90.076	89.505	-0.299	0.0	0.0	5848	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 72
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
5850	90.076	89.505	-0.299	0.0	0.0	5894	90.076	89.505	-0.299	0.0	0.0
5852	90.076	89.505	-0.299	0.0	0.0	5896	90.076	89.505	-0.299	0.0	0.0
5854	90.076	89.505	-0.299	0.0	0.0	5898	90.076	89.505	-0.299	0.0	0.0
5856	90.076	89.505	-0.299	0.0	0.0	5900	90.076	89.505	-0.299	0.0	0.0
5858	90.076	89.505	-0.299	0.0	0.0	5902	90.076	89.505	-0.299	0.0	0.0
5860	90.076	89.505	-0.299	0.0	0.0	5904	90.076	89.505	-0.299	0.0	0.0
5862	90.076	89.505	-0.299	0.0	0.0	5906	90.076	89.505	-0.299	0.0	0.0
5864	90.076	89.505	-0.299	0.0	0.0	5908	90.076	89.505	-0.299	0.0	0.0
5866	90.076	89.505	-0.299	0.0	0.0	5910	90.076	89.505	-0.299	0.0	0.0
5868	90.076	89.505	-0.299	0.0	0.0	5912	90.076	89.505	-0.299	0.0	0.0
5870	90.076	89.505	-0.299	0.0	0.0	5914	90.076	89.505	-0.299	0.0	0.0
5872	90.076	89.505	-0.299	0.0	0.0	5916	90.076	89.505	-0.299	0.0	0.0
5874	90.076	89.505	-0.299	0.0	0.0	5918	90.076	89.505	-0.299	0.0	0.0
5876	90.076	89.505	-0.299	0.0	0.0	5920	90.076	89.505	-0.299	0.0	0.0
5878	90.076	89.505	-0.299	0.0	0.0	5922	90.076	89.505	-0.299	0.0	0.0
5880	90.076	89.505	-0.299	0.0	0.0	5924	90.076	89.505	-0.299	0.0	0.0
5882	90.076	89.505	-0.299	0.0	0.0	5926	90.076	89.505	-0.299	0.0	0.0
5884	90.076	89.505	-0.299	0.0	0.0	5928	90.076	89.505	-0.299	0.0	0.0
5886	90.076	89.505	-0.299	0.0	0.0	5930	90.076	89.505	-0.299	0.0	0.0
5888	90.076	89.505	-0.299	0.0	0.0	5932	90.076	89.505	-0.299	0.0	0.0
5890	90.076	89.505	-0.299	0.0	0.0	5934	90.076	89.505	-0.299	0.0	0.0
5892	90.076	89.505	-0.299	0.0	0.0	5936	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 73
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
5938	90.076	89.505	-0.299	0.0	0.0	5982	90.076	89.505	-0.299	0.0	0.0
5940	90.076	89.505	-0.299	0.0	0.0	5984	90.076	89.505	-0.299	0.0	0.0
5942	90.076	89.505	-0.299	0.0	0.0	5986	90.076	89.505	-0.299	0.0	0.0
5944	90.076	89.505	-0.299	0.0	0.0	5988	90.076	89.505	-0.299	0.0	0.0
5946	90.076	89.505	-0.299	0.0	0.0	5990	90.076	89.505	-0.299	0.0	0.0
5948	90.076	89.505	-0.299	0.0	0.0	5992	90.076	89.505	-0.299	0.0	0.0
5950	90.076	89.505	-0.299	0.0	0.0	5994	90.076	89.505	-0.299	0.0	0.0
5952	90.076	89.505	-0.299	0.0	0.0	5996	90.076	89.505	-0.299	0.0	0.0
5954	90.076	89.505	-0.299	0.0	0.0	5998	90.076	89.505	-0.299	0.0	0.0
5956	90.076	89.505	-0.299	0.0	0.0	6000	90.076	89.505	-0.299	0.0	0.0
5958	90.076	89.505	-0.299	0.0	0.0	6002	90.076	89.505	-0.299	0.0	0.0
5960	90.076	89.505	-0.299	0.0	0.0	6004	90.076	89.505	-0.299	0.0	0.0
5962	90.076	89.505	-0.299	0.0	0.0	6006	90.076	89.505	-0.299	0.0	0.0
5964	90.076	89.505	-0.299	0.0	0.0	6008	90.076	89.505	-0.299	0.0	0.0
5966	90.076	89.505	-0.299	0.0	0.0	6010	90.076	89.505	-0.299	0.0	0.0
5968	90.076	89.505	-0.299	0.0	0.0	6012	90.076	89.505	-0.299	0.0	0.0
5970	90.076	89.505	-0.299	0.0	0.0	6014	90.076	89.505	-0.299	0.0	0.0
5972	90.076	89.505	-0.299	0.0	0.0	6016	90.076	89.505	-0.299	0.0	0.0
5974	90.076	89.505	-0.299	0.0	0.0	6018	90.076	89.505	-0.299	0.0	0.0
5976	90.076	89.505	-0.299	0.0	0.0	6020	90.076	89.505	-0.299	0.0	0.0
5978	90.076	89.505	-0.299	0.0	0.0	6022	90.076	89.505	-0.299	0.0	0.0
5980	90.076	89.505	-0.299	0.0	0.0	6024	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 74
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
6026	90.076	89.505	-0.299	0.0	0.0	6070	90.076	89.505	-0.299	0.0	0.0
6028	90.076	89.505	-0.299	0.0	0.0	6072	90.076	89.505	-0.299	0.0	0.0
6030	90.076	89.505	-0.299	0.0	0.0	6074	90.076	89.505	-0.299	0.0	0.0
6032	90.076	89.505	-0.299	0.0	0.0	6076	90.076	89.505	-0.299	0.0	0.0
6034	90.076	89.505	-0.299	0.0	0.0	6078	90.076	89.505	-0.299	0.0	0.0
6036	90.076	89.505	-0.299	0.0	0.0	6080	90.076	89.505	-0.299	0.0	0.0
6038	90.076	89.505	-0.299	0.0	0.0	6082	90.076	89.505	-0.299	0.0	0.0
6040	90.076	89.505	-0.299	0.0	0.0	6084	90.076	89.505	-0.299	0.0	0.0
6042	90.076	89.505	-0.299	0.0	0.0	6086	90.076	89.505	-0.299	0.0	0.0
6044	90.076	89.505	-0.299	0.0	0.0	6088	90.076	89.505	-0.299	0.0	0.0
6046	90.076	89.505	-0.299	0.0	0.0	6090	90.076	89.505	-0.299	0.0	0.0
6048	90.076	89.505	-0.299	0.0	0.0	6092	90.076	89.505	-0.299	0.0	0.0
6050	90.076	89.505	-0.299	0.0	0.0	6094	90.076	89.505	-0.299	0.0	0.0
6052	90.076	89.505	-0.299	0.0	0.0	6096	90.076	89.505	-0.299	0.0	0.0
6054	90.076	89.505	-0.299	0.0	0.0	6098	90.076	89.505	-0.299	0.0	0.0
6056	90.076	89.505	-0.299	0.0	0.0	6100	90.076	89.505	-0.299	0.0	0.0
6058	90.076	89.505	-0.299	0.0	0.0	6102	90.076	89.505	-0.299	0.0	0.0
6060	90.076	89.505	-0.299	0.0	0.0	6104	90.076	89.505	-0.299	0.0	0.0
6062	90.076	89.505	-0.299	0.0	0.0	6106	90.076	89.505	-0.299	0.0	0.0
6064	90.076	89.505	-0.299	0.0	0.0	6108	90.076	89.505	-0.299	0.0	0.0
6066	90.076	89.505	-0.299	0.0	0.0	6110	90.076	89.505	-0.299	0.0	0.0
6068	90.076	89.505	-0.299	0.0	0.0	6112	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 75
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
6114	90.076	89.505	-0.299	0.0	0.0	6158	90.076	89.505	-0.299	0.0	0.0
6116	90.076	89.505	-0.299	0.0	0.0	6160	90.076	89.505	-0.299	0.0	0.0
6118	90.076	89.505	-0.299	0.0	0.0	6162	90.076	89.505	-0.299	0.0	0.0
6120	90.076	89.505	-0.299	0.0	0.0	6164	90.076	89.505	-0.299	0.0	0.0
6122	90.076	89.505	-0.299	0.0	0.0	6166	90.076	89.505	-0.299	0.0	0.0
6124	90.076	89.505	-0.299	0.0	0.0	6168	90.076	89.505	-0.299	0.0	0.0
6126	90.076	89.505	-0.299	0.0	0.0	6170	90.076	89.505	-0.299	0.0	0.0
6128	90.076	89.505	-0.299	0.0	0.0	6172	90.076	89.505	-0.299	0.0	0.0
6130	90.076	89.505	-0.299	0.0	0.0	6174	90.076	89.505	-0.299	0.0	0.0
6132	90.076	89.505	-0.299	0.0	0.0	6176	90.076	89.505	-0.299	0.0	0.0
6134	90.076	89.505	-0.299	0.0	0.0	6178	90.076	89.505	-0.299	0.0	0.0
6136	90.076	89.505	-0.299	0.0	0.0	6180	90.076	89.505	-0.299	0.0	0.0
6138	90.076	89.505	-0.299	0.0	0.0	6182	90.076	89.505	-0.299	0.0	0.0
6140	90.076	89.505	-0.299	0.0	0.0	6184	90.076	89.505	-0.299	0.0	0.0
6142	90.076	89.505	-0.299	0.0	0.0	6186	90.076	89.505	-0.299	0.0	0.0
6144	90.076	89.505	-0.299	0.0	0.0	6188	90.076	89.505	-0.299	0.0	0.0
6146	90.076	89.505	-0.299	0.0	0.0	6190	90.076	89.505	-0.299	0.0	0.0
6148	90.076	89.505	-0.299	0.0	0.0	6192	90.076	89.505	-0.299	0.0	0.0
6150	90.076	89.505	-0.299	0.0	0.0	6194	90.076	89.505	-0.299	0.0	0.0
6152	90.076	89.505	-0.299	0.0	0.0	6196	90.076	89.505	-0.299	0.0	0.0
6154	90.076	89.505	-0.299	0.0	0.0	6198	90.076	89.505	-0.299	0.0	0.0
6156	90.076	89.505	-0.299	0.0	0.0	6200	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 76
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
6202	90.076	89.505	-0.299	0.0	0.0	6246	90.076	89.505	-0.299	0.0	0.0
6204	90.076	89.505	-0.299	0.0	0.0	6248	90.076	89.505	-0.299	0.0	0.0
6206	90.076	89.505	-0.299	0.0	0.0	6250	90.076	89.505	-0.299	0.0	0.0
6208	90.076	89.505	-0.299	0.0	0.0	6252	90.076	89.505	-0.299	0.0	0.0
6210	90.076	89.505	-0.299	0.0	0.0	6254	90.076	89.505	-0.299	0.0	0.0
6212	90.076	89.505	-0.299	0.0	0.0	6256	90.076	89.505	-0.299	0.0	0.0
6214	90.076	89.505	-0.299	0.0	0.0	6258	90.076	89.505	-0.299	0.0	0.0
6216	90.076	89.505	-0.299	0.0	0.0	6260	90.076	89.505	-0.299	0.0	0.0
6218	90.076	89.505	-0.299	0.0	0.0	6262	90.076	89.505	-0.299	0.0	0.0
6220	90.076	89.505	-0.299	0.0	0.0	6264	90.076	89.505	-0.299	0.0	0.0
6222	90.076	89.505	-0.299	0.0	0.0	6266	90.076	89.505	-0.299	0.0	0.0
6224	90.076	89.505	-0.299	0.0	0.0	6268	90.076	89.505	-0.299	0.0	0.0
6226	90.076	89.505	-0.299	0.0	0.0	6270	90.076	89.505	-0.299	0.0	0.0
6228	90.076	89.505	-0.299	0.0	0.0	6272	90.076	89.505	-0.299	0.0	0.0
6230	90.076	89.505	-0.299	0.0	0.0	6274	90.076	89.505	-0.299	0.0	0.0
6232	90.076	89.505	-0.299	0.0	0.0	6276	90.076	89.505	-0.299	0.0	0.0
6234	90.076	89.505	-0.299	0.0	0.0	6278	90.076	89.505	-0.299	0.0	0.0
6236	90.076	89.505	-0.299	0.0	0.0	6280	90.076	89.505	-0.299	0.0	0.0
6238	90.076	89.505	-0.299	0.0	0.0	6282	90.076	89.505	-0.299	0.0	0.0
6240	90.076	89.505	-0.299	0.0	0.0	6284	90.076	89.505	-0.299	0.0	0.0
6242	90.076	89.505	-0.299	0.0	0.0	6286	90.076	89.505	-0.299	0.0	0.0
6244	90.076	89.505	-0.299	0.0	0.0	6288	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 77
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
6290	90.076	89.505	-0.299	0.0	0.0	6334	90.076	89.505	-0.299	0.0	0.0
6292	90.076	89.505	-0.299	0.0	0.0	6336	90.076	89.505	-0.299	0.0	0.0
6294	90.076	89.505	-0.299	0.0	0.0	6338	90.076	89.505	-0.299	0.0	0.0
6296	90.076	89.505	-0.299	0.0	0.0	6340	90.076	89.505	-0.299	0.0	0.0
6298	90.076	89.505	-0.299	0.0	0.0	6342	90.076	89.505	-0.299	0.0	0.0
6300	90.076	89.505	-0.299	0.0	0.0	6344	90.076	89.505	-0.299	0.0	0.0
6302	90.076	89.505	-0.299	0.0	0.0	6346	90.076	89.505	-0.299	0.0	0.0
6304	90.076	89.505	-0.299	0.0	0.0	6348	90.076	89.505	-0.299	0.0	0.0
6306	90.076	89.505	-0.299	0.0	0.0	6350	90.076	89.505	-0.299	0.0	0.0
6308	90.076	89.505	-0.299	0.0	0.0	6352	90.076	89.505	-0.299	0.0	0.0
6310	90.076	89.505	-0.299	0.0	0.0	6354	90.076	89.505	-0.299	0.0	0.0
6312	90.076	89.505	-0.299	0.0	0.0	6356	90.076	89.505	-0.299	0.0	0.0
6314	90.076	89.505	-0.299	0.0	0.0	6358	90.076	89.505	-0.299	0.0	0.0
6316	90.076	89.505	-0.299	0.0	0.0	6360	90.076	89.505	-0.299	0.0	0.0
6318	90.076	89.505	-0.299	0.0	0.0	6362	90.076	89.505	-0.299	0.0	0.0
6320	90.076	89.505	-0.299	0.0	0.0	6364	90.076	89.505	-0.299	0.0	0.0
6322	90.076	89.505	-0.299	0.0	0.0	6366	90.076	89.505	-0.299	0.0	0.0
6324	90.076	89.505	-0.299	0.0	0.0	6368	90.076	89.505	-0.299	0.0	0.0
6326	90.076	89.505	-0.299	0.0	0.0	6370	90.076	89.505	-0.299	0.0	0.0
6328	90.076	89.505	-0.299	0.0	0.0	6372	90.076	89.505	-0.299	0.0	0.0
6330	90.076	89.505	-0.299	0.0	0.0	6374	90.076	89.505	-0.299	0.0	0.0
6332	90.076	89.505	-0.299	0.0	0.0	6376	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 78
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
6378	90.076	89.505	-0.299	0.0	0.0	6422	90.076	89.505	-0.299	0.0	0.0
6380	90.076	89.505	-0.299	0.0	0.0	6424	90.076	89.505	-0.299	0.0	0.0
6382	90.076	89.505	-0.299	0.0	0.0	6426	90.076	89.505	-0.299	0.0	0.0
6384	90.076	89.505	-0.299	0.0	0.0	6428	90.076	89.505	-0.299	0.0	0.0
6386	90.076	89.505	-0.299	0.0	0.0	6430	90.076	89.505	-0.299	0.0	0.0
6388	90.076	89.505	-0.299	0.0	0.0	6432	90.076	89.505	-0.299	0.0	0.0
6390	90.076	89.505	-0.299	0.0	0.0	6434	90.076	89.505	-0.299	0.0	0.0
6392	90.076	89.505	-0.299	0.0	0.0	6436	90.076	89.505	-0.299	0.0	0.0
6394	90.076	89.505	-0.299	0.0	0.0	6438	90.076	89.505	-0.299	0.0	0.0
6396	90.076	89.505	-0.299	0.0	0.0	6440	90.076	89.505	-0.299	0.0	0.0
6398	90.076	89.505	-0.299	0.0	0.0	6442	90.076	89.505	-0.299	0.0	0.0
6400	90.076	89.505	-0.299	0.0	0.0	6444	90.076	89.505	-0.299	0.0	0.0
6402	90.076	89.505	-0.299	0.0	0.0	6446	90.076	89.505	-0.299	0.0	0.0
6404	90.076	89.505	-0.299	0.0	0.0	6448	90.076	89.505	-0.299	0.0	0.0
6406	90.076	89.505	-0.299	0.0	0.0	6450	90.076	89.505	-0.299	0.0	0.0
6408	90.076	89.505	-0.299	0.0	0.0	6452	90.076	89.505	-0.299	0.0	0.0
6410	90.076	89.505	-0.299	0.0	0.0	6454	90.076	89.505	-0.299	0.0	0.0
6412	90.076	89.505	-0.299	0.0	0.0	6456	90.076	89.505	-0.299	0.0	0.0
6414	90.076	89.505	-0.299	0.0	0.0	6458	90.076	89.505	-0.299	0.0	0.0
6416	90.076	89.505	-0.299	0.0	0.0	6460	90.076	89.505	-0.299	0.0	0.0
6418	90.076	89.505	-0.299	0.0	0.0	6462	90.076	89.505	-0.299	0.0	0.0
6420	90.076	89.505	-0.299	0.0	0.0	6464	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 79
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
6466	90.076	89.505	-0.299	0.0	0.0	6510	90.076	89.505	-0.299	0.0	0.0
6468	90.076	89.505	-0.299	0.0	0.0	6512	90.076	89.505	-0.299	0.0	0.0
6470	90.076	89.505	-0.299	0.0	0.0	6514	90.076	89.505	-0.299	0.0	0.0
6472	90.076	89.505	-0.299	0.0	0.0	6516	90.076	89.505	-0.299	0.0	0.0
6474	90.076	89.505	-0.299	0.0	0.0	6518	90.076	89.505	-0.299	0.0	0.0
6476	90.076	89.505	-0.299	0.0	0.0	6520	90.076	89.505	-0.299	0.0	0.0
6478	90.076	89.505	-0.299	0.0	0.0	6522	90.076	89.505	-0.299	0.0	0.0
6480	90.076	89.505	-0.299	0.0	0.0	6524	90.076	89.505	-0.299	0.0	0.0
6482	90.076	89.505	-0.299	0.0	0.0	6526	90.076	89.505	-0.299	0.0	0.0
6484	90.076	89.505	-0.299	0.0	0.0	6528	90.076	89.505	-0.299	0.0	0.0
6486	90.076	89.505	-0.299	0.0	0.0	6530	90.076	89.505	-0.299	0.0	0.0
6488	90.076	89.505	-0.299	0.0	0.0	6532	90.076	89.505	-0.299	0.0	0.0
6490	90.076	89.505	-0.299	0.0	0.0	6534	90.076	89.505	-0.299	0.0	0.0
6492	90.076	89.505	-0.299	0.0	0.0	6536	90.076	89.505	-0.299	0.0	0.0
6494	90.076	89.505	-0.299	0.0	0.0	6538	90.076	89.505	-0.299	0.0	0.0
6496	90.076	89.505	-0.299	0.0	0.0	6540	90.076	89.505	-0.299	0.0	0.0
6498	90.076	89.505	-0.299	0.0	0.0	6542	90.076	89.505	-0.299	0.0	0.0
6500	90.076	89.505	-0.299	0.0	0.0	6544	90.076	89.505	-0.299	0.0	0.0
6502	90.076	89.505	-0.299	0.0	0.0	6546	90.076	89.505	-0.299	0.0	0.0
6504	90.076	89.505	-0.299	0.0	0.0	6548	90.076	89.505	-0.299	0.0	0.0
6506	90.076	89.505	-0.299	0.0	0.0	6550	90.076	89.505	-0.299	0.0	0.0
6508	90.076	89.505	-0.299	0.0	0.0	6552	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 80
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
6554	90.076	89.505	-0.299	0.0	0.0	6598	90.076	89.505	-0.299	0.0	0.0
6556	90.076	89.505	-0.299	0.0	0.0	6600	90.076	89.505	-0.299	0.0	0.0
6558	90.076	89.505	-0.299	0.0	0.0	6602	90.076	89.505	-0.299	0.0	0.0
6560	90.076	89.505	-0.299	0.0	0.0	6604	90.076	89.505	-0.299	0.0	0.0
6562	90.076	89.505	-0.299	0.0	0.0	6606	90.076	89.505	-0.299	0.0	0.0
6564	90.076	89.505	-0.299	0.0	0.0	6608	90.076	89.505	-0.299	0.0	0.0
6566	90.076	89.505	-0.299	0.0	0.0	6610	90.076	89.505	-0.299	0.0	0.0
6568	90.076	89.505	-0.299	0.0	0.0	6612	90.076	89.505	-0.299	0.0	0.0
6570	90.076	89.505	-0.299	0.0	0.0	6614	90.076	89.505	-0.299	0.0	0.0
6572	90.076	89.505	-0.299	0.0	0.0	6616	90.076	89.505	-0.299	0.0	0.0
6574	90.076	89.505	-0.299	0.0	0.0	6618	90.076	89.505	-0.299	0.0	0.0
6576	90.076	89.505	-0.299	0.0	0.0	6620	90.076	89.505	-0.299	0.0	0.0
6578	90.076	89.505	-0.299	0.0	0.0	6622	90.076	89.505	-0.299	0.0	0.0
6580	90.076	89.505	-0.299	0.0	0.0	6624	90.076	89.505	-0.299	0.0	0.0
6582	90.076	89.505	-0.299	0.0	0.0	6626	90.076	89.505	-0.299	0.0	0.0
6584	90.076	89.505	-0.299	0.0	0.0	6628	90.076	89.505	-0.299	0.0	0.0
6586	90.076	89.505	-0.299	0.0	0.0	6630	90.076	89.505	-0.299	0.0	0.0
6588	90.076	89.505	-0.299	0.0	0.0	6632	90.076	89.505	-0.299	0.0	0.0
6590	90.076	89.505	-0.299	0.0	0.0	6634	90.076	89.505	-0.299	0.0	0.0
6592	90.076	89.505	-0.299	0.0	0.0	6636	90.076	89.505	-0.299	0.0	0.0
6594	90.076	89.505	-0.299	0.0	0.0	6638	90.076	89.505	-0.299	0.0	0.0
6596	90.076	89.505	-0.299	0.0	0.0	6640	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 81
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
6642	90.076	89.505	-0.299	0.0	0.0	6686	90.076	89.505	-0.299	0.0	0.0
6644	90.076	89.505	-0.299	0.0	0.0	6688	90.076	89.505	-0.299	0.0	0.0
6646	90.076	89.505	-0.299	0.0	0.0	6690	90.076	89.505	-0.299	0.0	0.0
6648	90.076	89.505	-0.299	0.0	0.0	6692	90.076	89.505	-0.299	0.0	0.0
6650	90.076	89.505	-0.299	0.0	0.0	6694	90.076	89.505	-0.299	0.0	0.0
6652	90.076	89.505	-0.299	0.0	0.0	6696	90.076	89.505	-0.299	0.0	0.0
6654	90.076	89.505	-0.299	0.0	0.0	6698	90.076	89.505	-0.299	0.0	0.0
6656	90.076	89.505	-0.299	0.0	0.0	6700	90.076	89.505	-0.299	0.0	0.0
6658	90.076	89.505	-0.299	0.0	0.0	6702	90.076	89.505	-0.299	0.0	0.0
6660	90.076	89.505	-0.299	0.0	0.0	6704	90.076	89.505	-0.299	0.0	0.0
6662	90.076	89.505	-0.299	0.0	0.0	6706	90.076	89.505	-0.299	0.0	0.0
6664	90.076	89.505	-0.299	0.0	0.0	6708	90.076	89.505	-0.299	0.0	0.0
6666	90.076	89.505	-0.299	0.0	0.0	6710	90.076	89.505	-0.299	0.0	0.0
6668	90.076	89.505	-0.299	0.0	0.0	6712	90.076	89.505	-0.299	0.0	0.0
6670	90.076	89.505	-0.299	0.0	0.0	6714	90.076	89.505	-0.299	0.0	0.0
6672	90.076	89.505	-0.299	0.0	0.0	6716	90.076	89.505	-0.299	0.0	0.0
6674	90.076	89.505	-0.299	0.0	0.0	6718	90.076	89.505	-0.299	0.0	0.0
6676	90.076	89.505	-0.299	0.0	0.0	6720	90.076	89.505	-0.299	0.0	0.0
6678	90.076	89.505	-0.299	0.0	0.0	6722	90.076	89.505	-0.299	0.0	0.0
6680	90.076	89.505	-0.299	0.0	0.0	6724	90.076	89.505	-0.299	0.0	0.0
6682	90.076	89.505	-0.299	0.0	0.0	6726	90.076	89.505	-0.299	0.0	0.0
6684	90.076	89.505	-0.299	0.0	0.0	6728	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 82
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
6730	90.076	89.505	-0.299	0.0	0.0	6774	90.076	89.505	-0.299	0.0	0.0
6732	90.076	89.505	-0.299	0.0	0.0	6776	90.076	89.505	-0.299	0.0	0.0
6734	90.076	89.505	-0.299	0.0	0.0	6778	90.076	89.505	-0.299	0.0	0.0
6736	90.076	89.505	-0.299	0.0	0.0	6780	90.076	89.505	-0.299	0.0	0.0
6738	90.076	89.505	-0.299	0.0	0.0	6782	90.076	89.505	-0.299	0.0	0.0
6740	90.076	89.505	-0.299	0.0	0.0	6784	90.076	89.505	-0.299	0.0	0.0
6742	90.076	89.505	-0.299	0.0	0.0	6786	90.076	89.505	-0.299	0.0	0.0
6744	90.076	89.505	-0.299	0.0	0.0	6788	90.076	89.505	-0.299	0.0	0.0
6746	90.076	89.505	-0.299	0.0	0.0	6790	90.076	89.505	-0.299	0.0	0.0
6748	90.076	89.505	-0.299	0.0	0.0	6792	90.076	89.505	-0.299	0.0	0.0
6750	90.076	89.505	-0.299	0.0	0.0	6794	90.076	89.505	-0.299	0.0	0.0
6752	90.076	89.505	-0.299	0.0	0.0	6796	90.076	89.505	-0.299	0.0	0.0
6754	90.076	89.505	-0.299	0.0	0.0	6798	90.076	89.505	-0.299	0.0	0.0
6756	90.076	89.505	-0.299	0.0	0.0	6800	90.076	89.505	-0.299	0.0	0.0
6758	90.076	89.505	-0.299	0.0	0.0	6802	90.076	89.505	-0.299	0.0	0.0
6760	90.076	89.505	-0.299	0.0	0.0	6804	90.076	89.505	-0.299	0.0	0.0
6762	90.076	89.505	-0.299	0.0	0.0	6806	90.076	89.505	-0.299	0.0	0.0
6764	90.076	89.505	-0.299	0.0	0.0	6808	90.076	89.505	-0.299	0.0	0.0
6766	90.076	89.505	-0.299	0.0	0.0	6810	90.076	89.505	-0.299	0.0	0.0
6768	90.076	89.505	-0.299	0.0	0.0	6812	90.076	89.505	-0.299	0.0	0.0
6770	90.076	89.505	-0.299	0.0	0.0	6814	90.076	89.505	-0.299	0.0	0.0
6772	90.076	89.505	-0.299	0.0	0.0	6816	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 83
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
6818	90.076	89.505	-0.299	0.0	0.0	6862	90.076	89.505	-0.299	0.0	0.0
6820	90.076	89.505	-0.299	0.0	0.0	6864	90.076	89.505	-0.299	0.0	0.0
6822	90.076	89.505	-0.299	0.0	0.0	6866	90.076	89.505	-0.299	0.0	0.0
6824	90.076	89.505	-0.299	0.0	0.0	6868	90.076	89.505	-0.299	0.0	0.0
6826	90.076	89.505	-0.299	0.0	0.0	6870	90.076	89.505	-0.299	0.0	0.0
6828	90.076	89.505	-0.299	0.0	0.0	6872	90.076	89.505	-0.299	0.0	0.0
6830	90.076	89.505	-0.299	0.0	0.0	6874	90.076	89.505	-0.299	0.0	0.0
6832	90.076	89.505	-0.299	0.0	0.0	6876	90.076	89.505	-0.299	0.0	0.0
6834	90.076	89.505	-0.299	0.0	0.0	6878	90.076	89.505	-0.299	0.0	0.0
6836	90.076	89.505	-0.299	0.0	0.0	6880	90.076	89.505	-0.299	0.0	0.0
6838	90.076	89.505	-0.299	0.0	0.0	6882	90.076	89.505	-0.299	0.0	0.0
6840	90.076	89.505	-0.299	0.0	0.0	6884	90.076	89.505	-0.299	0.0	0.0
6842	90.076	89.505	-0.299	0.0	0.0	6886	90.076	89.505	-0.299	0.0	0.0
6844	90.076	89.505	-0.299	0.0	0.0	6888	90.076	89.505	-0.299	0.0	0.0
6846	90.076	89.505	-0.299	0.0	0.0	6890	90.076	89.505	-0.299	0.0	0.0
6848	90.076	89.505	-0.299	0.0	0.0	6892	90.076	89.505	-0.299	0.0	0.0
6850	90.076	89.505	-0.299	0.0	0.0	6894	90.076	89.505	-0.299	0.0	0.0
6852	90.076	89.505	-0.299	0.0	0.0	6896	90.076	89.505	-0.299	0.0	0.0
6854	90.076	89.505	-0.299	0.0	0.0	6898	90.076	89.505	-0.299	0.0	0.0
6856	90.076	89.505	-0.299	0.0	0.0	6900	90.076	89.505	-0.299	0.0	0.0
6858	90.076	89.505	-0.299	0.0	0.0	6902	90.076	89.505	-0.299	0.0	0.0
6860	90.076	89.505	-0.299	0.0	0.0	6904	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 84
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
6906	90.076	89.505	-0.299	0.0	0.0	6950	90.076	89.505	-0.299	0.0	0.0
6908	90.076	89.505	-0.299	0.0	0.0	6952	90.076	89.505	-0.299	0.0	0.0
6910	90.076	89.505	-0.299	0.0	0.0	6954	90.076	89.505	-0.299	0.0	0.0
6912	90.076	89.505	-0.299	0.0	0.0	6956	90.076	89.505	-0.299	0.0	0.0
6914	90.076	89.505	-0.299	0.0	0.0	6958	90.076	89.505	-0.299	0.0	0.0
6916	90.076	89.505	-0.299	0.0	0.0	6960	90.076	89.505	-0.299	0.0	0.0
6918	90.076	89.505	-0.299	0.0	0.0	6962	90.076	89.505	-0.299	0.0	0.0
6920	90.076	89.505	-0.299	0.0	0.0	6964	90.076	89.505	-0.299	0.0	0.0
6922	90.076	89.505	-0.299	0.0	0.0	6966	90.076	89.505	-0.299	0.0	0.0
6924	90.076	89.505	-0.299	0.0	0.0	6968	90.076	89.505	-0.299	0.0	0.0
6926	90.076	89.505	-0.299	0.0	0.0	6970	90.076	89.505	-0.299	0.0	0.0
6928	90.076	89.505	-0.299	0.0	0.0	6972	90.076	89.505	-0.299	0.0	0.0
6930	90.076	89.505	-0.299	0.0	0.0	6974	90.076	89.505	-0.299	0.0	0.0
6932	90.076	89.505	-0.299	0.0	0.0	6976	90.076	89.505	-0.299	0.0	0.0
6934	90.076	89.505	-0.299	0.0	0.0	6978	90.076	89.505	-0.299	0.0	0.0
6936	90.076	89.505	-0.299	0.0	0.0	6980	90.076	89.505	-0.299	0.0	0.0
6938	90.076	89.505	-0.299	0.0	0.0	6982	90.076	89.505	-0.299	0.0	0.0
6940	90.076	89.505	-0.299	0.0	0.0	6984	90.076	89.505	-0.299	0.0	0.0
6942	90.076	89.505	-0.299	0.0	0.0	6986	90.076	89.505	-0.299	0.0	0.0
6944	90.076	89.505	-0.299	0.0	0.0	6988	90.076	89.505	-0.299	0.0	0.0
6946	90.076	89.505	-0.299	0.0	0.0	6990	90.076	89.505	-0.299	0.0	0.0
6948	90.076	89.505	-0.299	0.0	0.0	6992	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 85
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
6994	90.076	89.505	-0.299	0.0	0.0	7038	90.076	89.505	-0.299	0.0	0.0
6996	90.076	89.505	-0.299	0.0	0.0	7040	90.076	89.505	-0.299	0.0	0.0
6998	90.076	89.505	-0.299	0.0	0.0	7042	90.076	89.505	-0.299	0.0	0.0
7000	90.076	89.505	-0.299	0.0	0.0	7044	90.076	89.505	-0.299	0.0	0.0
7002	90.076	89.505	-0.299	0.0	0.0	7046	90.076	89.505	-0.299	0.0	0.0
7004	90.076	89.505	-0.299	0.0	0.0	7048	90.076	89.505	-0.299	0.0	0.0
7006	90.076	89.505	-0.299	0.0	0.0	7050	90.076	89.505	-0.299	0.0	0.0
7008	90.076	89.505	-0.299	0.0	0.0	7052	90.076	89.505	-0.299	0.0	0.0
7010	90.076	89.505	-0.299	0.0	0.0	7054	90.076	89.505	-0.299	0.0	0.0
7012	90.076	89.505	-0.299	0.0	0.0	7056	90.076	89.505	-0.299	0.0	0.0
7014	90.076	89.505	-0.299	0.0	0.0	7058	90.076	89.505	-0.299	0.0	0.0
7016	90.076	89.505	-0.299	0.0	0.0	7060	90.076	89.505	-0.299	0.0	0.0
7018	90.076	89.505	-0.299	0.0	0.0	7062	90.076	89.505	-0.299	0.0	0.0
7020	90.076	89.505	-0.299	0.0	0.0	7064	90.076	89.505	-0.299	0.0	0.0
7022	90.076	89.505	-0.299	0.0	0.0	7066	90.076	89.505	-0.299	0.0	0.0
7024	90.076	89.505	-0.299	0.0	0.0	7068	90.076	89.505	-0.299	0.0	0.0
7026	90.076	89.505	-0.299	0.0	0.0	7070	90.076	89.505	-0.299	0.0	0.0
7028	90.076	89.505	-0.299	0.0	0.0	7072	90.076	89.505	-0.299	0.0	0.0
7030	90.076	89.505	-0.299	0.0	0.0	7074	90.076	89.505	-0.299	0.0	0.0
7032	90.076	89.505	-0.299	0.0	0.0	7076	90.076	89.505	-0.299	0.0	0.0
7034	90.076	89.505	-0.299	0.0	0.0	7078	90.076	89.505	-0.299	0.0	0.0
7036	90.076	89.505	-0.299	0.0	0.0	7080	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 86
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
7082	90.076	89.505	-0.299	0.0	0.0	7126	90.076	89.505	-0.299	0.0	0.0
7084	90.076	89.505	-0.299	0.0	0.0	7128	90.076	89.505	-0.299	0.0	0.0
7086	90.076	89.505	-0.299	0.0	0.0	7130	90.076	89.505	-0.299	0.0	0.0
7088	90.076	89.505	-0.299	0.0	0.0	7132	90.076	89.505	-0.299	0.0	0.0
7090	90.076	89.505	-0.299	0.0	0.0	7134	90.076	89.505	-0.299	0.0	0.0
7092	90.076	89.505	-0.299	0.0	0.0	7136	90.076	89.505	-0.299	0.0	0.0
7094	90.076	89.505	-0.299	0.0	0.0	7138	90.076	89.505	-0.299	0.0	0.0
7096	90.076	89.505	-0.299	0.0	0.0	7140	90.076	89.505	-0.299	0.0	0.0
7098	90.076	89.505	-0.299	0.0	0.0	7142	90.076	89.505	-0.299	0.0	0.0
7100	90.076	89.505	-0.299	0.0	0.0	7144	90.076	89.505	-0.299	0.0	0.0
7102	90.076	89.505	-0.299	0.0	0.0	7146	90.076	89.505	-0.299	0.0	0.0
7104	90.076	89.505	-0.299	0.0	0.0	7148	90.076	89.505	-0.299	0.0	0.0
7106	90.076	89.505	-0.299	0.0	0.0	7150	90.076	89.505	-0.299	0.0	0.0
7108	90.076	89.505	-0.299	0.0	0.0	7152	90.076	89.505	-0.299	0.0	0.0
7110	90.076	89.505	-0.299	0.0	0.0	7154	90.076	89.505	-0.299	0.0	0.0
7112	90.076	89.505	-0.299	0.0	0.0	7156	90.076	89.505	-0.299	0.0	0.0
7114	90.076	89.505	-0.299	0.0	0.0	7158	90.076	89.505	-0.299	0.0	0.0
7116	90.076	89.505	-0.299	0.0	0.0	7160	90.076	89.505	-0.299	0.0	0.0
7118	90.076	89.505	-0.299	0.0	0.0	7162	90.076	89.505	-0.299	0.0	0.0
7120	90.076	89.505	-0.299	0.0	0.0	7164	90.076	89.505	-0.299	0.0	0.0
7122	90.076	89.505	-0.299	0.0	0.0	7166	90.076	89.505	-0.299	0.0	0.0
7124	90.076	89.505	-0.299	0.0	0.0	7168	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 87
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
7170	90.076	89.505	-0.299	0.0	0.0	7214	90.076	89.505	-0.299	0.0	0.0
7172	90.076	89.505	-0.299	0.0	0.0	7216	90.076	89.505	-0.299	0.0	0.0
7174	90.076	89.505	-0.299	0.0	0.0	7218	90.076	89.505	-0.299	0.0	0.0
7176	90.076	89.505	-0.299	0.0	0.0	7220	90.076	89.505	-0.299	0.0	0.0
7178	90.076	89.505	-0.299	0.0	0.0	7222	90.076	89.505	-0.299	0.0	0.0
7180	90.076	89.505	-0.299	0.0	0.0	7224	90.076	89.505	-0.299	0.0	0.0
7182	90.076	89.505	-0.299	0.0	0.0	7226	90.076	89.505	-0.299	0.0	0.0
7184	90.076	89.505	-0.299	0.0	0.0	7228	90.076	89.505	-0.299	0.0	0.0
7186	90.076	89.505	-0.299	0.0	0.0	7230	90.076	89.505	-0.299	0.0	0.0
7188	90.076	89.505	-0.299	0.0	0.0	7232	90.076	89.505	-0.299	0.0	0.0
7190	90.076	89.505	-0.299	0.0	0.0	7234	90.076	89.505	-0.299	0.0	0.0
7192	90.076	89.505	-0.299	0.0	0.0	7236	90.076	89.505	-0.299	0.0	0.0
7194	90.076	89.505	-0.299	0.0	0.0	7238	90.076	89.505	-0.299	0.0	0.0
7196	90.076	89.505	-0.299	0.0	0.0	7240	90.076	89.505	-0.299	0.0	0.0
7198	90.076	89.505	-0.299	0.0	0.0	7242	90.076	89.505	-0.299	0.0	0.0
7200	90.076	89.505	-0.299	0.0	0.0	7244	90.076	89.505	-0.299	0.0	0.0
7202	90.076	89.505	-0.299	0.0	0.0	7246	90.076	89.505	-0.299	0.0	0.0
7204	90.076	89.505	-0.299	0.0	0.0	7248	90.076	89.505	-0.299	0.0	0.0
7206	90.076	89.505	-0.299	0.0	0.0	7250	90.076	89.505	-0.299	0.0	0.0
7208	90.076	89.505	-0.299	0.0	0.0	7252	90.076	89.505	-0.299	0.0	0.0
7210	90.076	89.505	-0.299	0.0	0.0	7254	90.076	89.505	-0.299	0.0	0.0
7212	90.076	89.505	-0.299	0.0	0.0	7256	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 88
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
7258	90.076	89.505	-0.299	0.0	0.0	7302	90.076	89.505	-0.299	0.0	0.0
7260	90.076	89.505	-0.299	0.0	0.0	7304	90.076	89.505	-0.299	0.0	0.0
7262	90.076	89.505	-0.299	0.0	0.0	7306	90.076	89.505	-0.299	0.0	0.0
7264	90.076	89.505	-0.299	0.0	0.0	7308	90.076	89.505	-0.299	0.0	0.0
7266	90.076	89.505	-0.299	0.0	0.0	7310	90.076	89.505	-0.299	0.0	0.0
7268	90.076	89.505	-0.299	0.0	0.0	7312	90.076	89.505	-0.299	0.0	0.0
7270	90.076	89.505	-0.299	0.0	0.0	7314	90.076	89.505	-0.299	0.0	0.0
7272	90.076	89.505	-0.299	0.0	0.0	7316	90.076	89.505	-0.299	0.0	0.0
7274	90.076	89.505	-0.299	0.0	0.0	7318	90.076	89.505	-0.299	0.0	0.0
7276	90.076	89.505	-0.299	0.0	0.0	7320	90.076	89.505	-0.299	0.0	0.0
7278	90.076	89.505	-0.299	0.0	0.0	7322	90.076	89.505	-0.299	0.0	0.0
7280	90.076	89.505	-0.299	0.0	0.0	7324	90.076	89.505	-0.299	0.0	0.0
7282	90.076	89.505	-0.299	0.0	0.0	7326	90.076	89.505	-0.299	0.0	0.0
7284	90.076	89.505	-0.299	0.0	0.0	7328	90.076	89.505	-0.299	0.0	0.0
7286	90.076	89.505	-0.299	0.0	0.0	7330	90.076	89.505	-0.299	0.0	0.0
7288	90.076	89.505	-0.299	0.0	0.0	7332	90.076	89.505	-0.299	0.0	0.0
7290	90.076	89.505	-0.299	0.0	0.0	7334	90.076	89.505	-0.299	0.0	0.0
7292	90.076	89.505	-0.299	0.0	0.0	7336	90.076	89.505	-0.299	0.0	0.0
7294	90.076	89.505	-0.299	0.0	0.0	7338	90.076	89.505	-0.299	0.0	0.0
7296	90.076	89.505	-0.299	0.0	0.0	7340	90.076	89.505	-0.299	0.0	0.0
7298	90.076	89.505	-0.299	0.0	0.0	7342	90.076	89.505	-0.299	0.0	0.0
7300	90.076	89.505	-0.299	0.0	0.0	7344	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 89
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
7346	90.076	89.505	-0.299	0.0	0.0	7390	90.076	89.505	-0.299	0.0	0.0
7348	90.076	89.505	-0.299	0.0	0.0	7392	90.076	89.505	-0.299	0.0	0.0
7350	90.076	89.505	-0.299	0.0	0.0	7394	90.076	89.505	-0.299	0.0	0.0
7352	90.076	89.505	-0.299	0.0	0.0	7396	90.076	89.505	-0.299	0.0	0.0
7354	90.076	89.505	-0.299	0.0	0.0	7398	90.076	89.505	-0.299	0.0	0.0
7356	90.076	89.505	-0.299	0.0	0.0	7400	90.076	89.505	-0.299	0.0	0.0
7358	90.076	89.505	-0.299	0.0	0.0	7402	90.076	89.505	-0.299	0.0	0.0
7360	90.076	89.505	-0.299	0.0	0.0	7404	90.076	89.505	-0.299	0.0	0.0
7362	90.076	89.505	-0.299	0.0	0.0	7406	90.076	89.505	-0.299	0.0	0.0
7364	90.076	89.505	-0.299	0.0	0.0	7408	90.076	89.505	-0.299	0.0	0.0
7366	90.076	89.505	-0.299	0.0	0.0	7410	90.076	89.505	-0.299	0.0	0.0
7368	90.076	89.505	-0.299	0.0	0.0	7412	90.076	89.505	-0.299	0.0	0.0
7370	90.076	89.505	-0.299	0.0	0.0	7414	90.076	89.505	-0.299	0.0	0.0
7372	90.076	89.505	-0.299	0.0	0.0	7416	90.076	89.505	-0.299	0.0	0.0
7374	90.076	89.505	-0.299	0.0	0.0	7418	90.076	89.505	-0.299	0.0	0.0
7376	90.076	89.505	-0.299	0.0	0.0	7420	90.076	89.505	-0.299	0.0	0.0
7378	90.076	89.505	-0.299	0.0	0.0	7422	90.076	89.505	-0.299	0.0	0.0
7380	90.076	89.505	-0.299	0.0	0.0	7424	90.076	89.505	-0.299	0.0	0.0
7382	90.076	89.505	-0.299	0.0	0.0	7426	90.076	89.505	-0.299	0.0	0.0
7384	90.076	89.505	-0.299	0.0	0.0	7428	90.076	89.505	-0.299	0.0	0.0
7386	90.076	89.505	-0.299	0.0	0.0	7430	90.076	89.505	-0.299	0.0	0.0
7388	90.076	89.505	-0.299	0.0	0.0	7432	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 90
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
7434	90.076	89.505	-0.299	0.0	0.0	7478	90.076	89.505	-0.299	0.0	0.0
7436	90.076	89.505	-0.299	0.0	0.0	7480	90.076	89.505	-0.299	0.0	0.0
7438	90.076	89.505	-0.299	0.0	0.0	7482	90.076	89.505	-0.299	0.0	0.0
7440	90.076	89.505	-0.299	0.0	0.0	7484	90.076	89.505	-0.299	0.0	0.0
7442	90.076	89.505	-0.299	0.0	0.0	7486	90.076	89.505	-0.299	0.0	0.0
7444	90.076	89.505	-0.299	0.0	0.0	7488	90.076	89.505	-0.299	0.0	0.0
7446	90.076	89.505	-0.299	0.0	0.0	7490	90.076	89.505	-0.299	0.0	0.0
7448	90.076	89.505	-0.299	0.0	0.0	7492	90.076	89.505	-0.299	0.0	0.0
7450	90.076	89.505	-0.299	0.0	0.0	7494	90.076	89.505	-0.299	0.0	0.0
7452	90.076	89.505	-0.299	0.0	0.0	7496	90.076	89.505	-0.299	0.0	0.0
7454	90.076	89.505	-0.299	0.0	0.0	7498	90.076	89.505	-0.299	0.0	0.0
7456	90.076	89.505	-0.299	0.0	0.0	7500	90.076	89.505	-0.299	0.0	0.0
7458	90.076	89.505	-0.299	0.0	0.0	7502	90.076	89.505	-0.299	0.0	0.0
7460	90.076	89.505	-0.299	0.0	0.0	7504	90.076	89.505	-0.299	0.0	0.0
7462	90.076	89.505	-0.299	0.0	0.0	7506	90.076	89.505	-0.299	0.0	0.0
7464	90.076	89.505	-0.299	0.0	0.0	7508	90.076	89.505	-0.299	0.0	0.0
7466	90.076	89.505	-0.299	0.0	0.0	7510	90.076	89.505	-0.299	0.0	0.0
7468	90.076	89.505	-0.299	0.0	0.0	7512	90.076	89.505	-0.299	0.0	0.0
7470	90.076	89.505	-0.299	0.0	0.0	7514	90.076	89.505	-0.299	0.0	0.0
7472	90.076	89.505	-0.299	0.0	0.0	7516	90.076	89.505	-0.299	0.0	0.0
7474	90.076	89.505	-0.299	0.0	0.0	7518	90.076	89.505	-0.299	0.0	0.0
7476	90.076	89.505	-0.299	0.0	0.0	7520	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 91
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
7522	90.076	89.505	-0.299	0.0	0.0	7566	90.076	89.505	-0.299	0.0	0.0
7524	90.076	89.505	-0.299	0.0	0.0	7568	90.076	89.505	-0.299	0.0	0.0
7526	90.076	89.505	-0.299	0.0	0.0	7570	90.076	89.505	-0.299	0.0	0.0
7528	90.076	89.505	-0.299	0.0	0.0	7572	90.076	89.505	-0.299	0.0	0.0
7530	90.076	89.505	-0.299	0.0	0.0	7574	90.076	89.505	-0.299	0.0	0.0
7532	90.076	89.505	-0.299	0.0	0.0	7576	90.076	89.505	-0.299	0.0	0.0
7534	90.076	89.505	-0.299	0.0	0.0	7578	90.076	89.505	-0.299	0.0	0.0
7536	90.076	89.505	-0.299	0.0	0.0	7580	90.076	89.505	-0.299	0.0	0.0
7538	90.076	89.505	-0.299	0.0	0.0	7582	90.076	89.505	-0.299	0.0	0.0
7540	90.076	89.505	-0.299	0.0	0.0	7584	90.076	89.505	-0.299	0.0	0.0
7542	90.076	89.505	-0.299	0.0	0.0	7586	90.076	89.505	-0.299	0.0	0.0
7544	90.076	89.505	-0.299	0.0	0.0	7588	90.076	89.505	-0.299	0.0	0.0
7546	90.076	89.505	-0.299	0.0	0.0	7590	90.076	89.505	-0.299	0.0	0.0
7548	90.076	89.505	-0.299	0.0	0.0	7592	90.076	89.505	-0.299	0.0	0.0
7550	90.076	89.505	-0.299	0.0	0.0	7594	90.076	89.505	-0.299	0.0	0.0
7552	90.076	89.505	-0.299	0.0	0.0	7596	90.076	89.505	-0.299	0.0	0.0
7554	90.076	89.505	-0.299	0.0	0.0	7598	90.076	89.505	-0.299	0.0	0.0
7556	90.076	89.505	-0.299	0.0	0.0	7600	90.076	89.505	-0.299	0.0	0.0
7558	90.076	89.505	-0.299	0.0	0.0	7602	90.076	89.505	-0.299	0.0	0.0
7560	90.076	89.505	-0.299	0.0	0.0	7604	90.076	89.505	-0.299	0.0	0.0
7562	90.076	89.505	-0.299	0.0	0.0	7606	90.076	89.505	-0.299	0.0	0.0
7564	90.076	89.505	-0.299	0.0	0.0	7608	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 92
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
7610	90.076	89.505	-0.299	0.0	0.0	7654	90.076	89.505	-0.299	0.0	0.0
7612	90.076	89.505	-0.299	0.0	0.0	7656	90.076	89.505	-0.299	0.0	0.0
7614	90.076	89.505	-0.299	0.0	0.0	7658	90.076	89.505	-0.299	0.0	0.0
7616	90.076	89.505	-0.299	0.0	0.0	7660	90.076	89.505	-0.299	0.0	0.0
7618	90.076	89.505	-0.299	0.0	0.0	7662	90.076	89.505	-0.299	0.0	0.0
7620	90.076	89.505	-0.299	0.0	0.0	7664	90.076	89.505	-0.299	0.0	0.0
7622	90.076	89.505	-0.299	0.0	0.0	7666	90.076	89.505	-0.299	0.0	0.0
7624	90.076	89.505	-0.299	0.0	0.0	7668	90.076	89.505	-0.299	0.0	0.0
7626	90.076	89.505	-0.299	0.0	0.0	7670	90.076	89.505	-0.299	0.0	0.0
7628	90.076	89.505	-0.299	0.0	0.0	7672	90.076	89.505	-0.299	0.0	0.0
7630	90.076	89.505	-0.299	0.0	0.0	7674	90.076	89.505	-0.299	0.0	0.0
7632	90.076	89.505	-0.299	0.0	0.0	7676	90.076	89.505	-0.299	0.0	0.0
7634	90.076	89.505	-0.299	0.0	0.0	7678	90.076	89.505	-0.299	0.0	0.0
7636	90.076	89.505	-0.299	0.0	0.0	7680	90.076	89.505	-0.299	0.0	0.0
7638	90.076	89.505	-0.299	0.0	0.0	7682	90.076	89.505	-0.299	0.0	0.0
7640	90.076	89.505	-0.299	0.0	0.0	7684	90.076	89.505	-0.299	0.0	0.0
7642	90.076	89.505	-0.299	0.0	0.0	7686	90.076	89.505	-0.299	0.0	0.0
7644	90.076	89.505	-0.299	0.0	0.0	7688	90.076	89.505	-0.299	0.0	0.0
7646	90.076	89.505	-0.299	0.0	0.0	7690	90.076	89.505	-0.299	0.0	0.0
7648	90.076	89.505	-0.299	0.0	0.0	7692	90.076	89.505	-0.299	0.0	0.0
7650	90.076	89.505	-0.299	0.0	0.0	7694	90.076	89.505	-0.299	0.0	0.0
7652	90.076	89.505	-0.299	0.0	0.0	7696	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 93
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
7698	90.076	89.505	-0.299	0.0	0.0	7742	90.076	89.505	-0.299	0.0	0.0
7700	90.076	89.505	-0.299	0.0	0.0	7744	90.076	89.505	-0.299	0.0	0.0
7702	90.076	89.505	-0.299	0.0	0.0	7746	90.076	89.505	-0.299	0.0	0.0
7704	90.076	89.505	-0.299	0.0	0.0	7748	90.076	89.505	-0.299	0.0	0.0
7706	90.076	89.505	-0.299	0.0	0.0	7750	90.076	89.505	-0.299	0.0	0.0
7708	90.076	89.505	-0.299	0.0	0.0	7752	90.076	89.505	-0.299	0.0	0.0
7710	90.076	89.505	-0.299	0.0	0.0	7754	90.076	89.505	-0.299	0.0	0.0
7712	90.076	89.505	-0.299	0.0	0.0	7756	90.076	89.505	-0.299	0.0	0.0
7714	90.076	89.505	-0.299	0.0	0.0	7758	90.076	89.505	-0.299	0.0	0.0
7716	90.076	89.505	-0.299	0.0	0.0	7760	90.076	89.505	-0.299	0.0	0.0
7718	90.076	89.505	-0.299	0.0	0.0	7762	90.076	89.505	-0.299	0.0	0.0
7720	90.076	89.505	-0.299	0.0	0.0	7764	90.076	89.505	-0.299	0.0	0.0
7722	90.076	89.505	-0.299	0.0	0.0	7766	90.076	89.505	-0.299	0.0	0.0
7724	90.076	89.505	-0.299	0.0	0.0	7768	90.076	89.505	-0.299	0.0	0.0
7726	90.076	89.505	-0.299	0.0	0.0	7770	90.076	89.505	-0.299	0.0	0.0
7728	90.076	89.505	-0.299	0.0	0.0	7772	90.076	89.505	-0.299	0.0	0.0
7730	90.076	89.505	-0.299	0.0	0.0	7774	90.076	89.505	-0.299	0.0	0.0
7732	90.076	89.505	-0.299	0.0	0.0	7776	90.076	89.505	-0.299	0.0	0.0
7734	90.076	89.505	-0.299	0.0	0.0	7778	90.076	89.505	-0.299	0.0	0.0
7736	90.076	89.505	-0.299	0.0	0.0	7780	90.076	89.505	-0.299	0.0	0.0
7738	90.076	89.505	-0.299	0.0	0.0	7782	90.076	89.505	-0.299	0.0	0.0
7740	90.076	89.505	-0.299	0.0	0.0	7784	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 94
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
7786	90.076	89.505	-0.299	0.0	0.0	7830	90.076	89.505	-0.299	0.0	0.0
7788	90.076	89.505	-0.299	0.0	0.0	7832	90.076	89.505	-0.299	0.0	0.0
7790	90.076	89.505	-0.299	0.0	0.0	7834	90.076	89.505	-0.299	0.0	0.0
7792	90.076	89.505	-0.299	0.0	0.0	7836	90.076	89.505	-0.299	0.0	0.0
7794	90.076	89.505	-0.299	0.0	0.0	7838	90.076	89.505	-0.299	0.0	0.0
7796	90.076	89.505	-0.299	0.0	0.0	7840	90.076	89.505	-0.299	0.0	0.0
7798	90.076	89.505	-0.299	0.0	0.0	7842	90.076	89.505	-0.299	0.0	0.0
7800	90.076	89.505	-0.299	0.0	0.0	7844	90.076	89.505	-0.299	0.0	0.0
7802	90.076	89.505	-0.299	0.0	0.0	7846	90.076	89.505	-0.299	0.0	0.0
7804	90.076	89.505	-0.299	0.0	0.0	7848	90.076	89.505	-0.299	0.0	0.0
7806	90.076	89.505	-0.299	0.0	0.0	7850	90.076	89.505	-0.299	0.0	0.0
7808	90.076	89.505	-0.299	0.0	0.0	7852	90.076	89.505	-0.299	0.0	0.0
7810	90.076	89.505	-0.299	0.0	0.0	7854	90.076	89.505	-0.299	0.0	0.0
7812	90.076	89.505	-0.299	0.0	0.0	7856	90.076	89.505	-0.299	0.0	0.0
7814	90.076	89.505	-0.299	0.0	0.0	7858	90.076	89.505	-0.299	0.0	0.0
7816	90.076	89.505	-0.299	0.0	0.0	7860	90.076	89.505	-0.299	0.0	0.0
7818	90.076	89.505	-0.299	0.0	0.0	7862	90.076	89.505	-0.299	0.0	0.0
7820	90.076	89.505	-0.299	0.0	0.0	7864	90.076	89.505	-0.299	0.0	0.0
7822	90.076	89.505	-0.299	0.0	0.0	7866	90.076	89.505	-0.299	0.0	0.0
7824	90.076	89.505	-0.299	0.0	0.0	7868	90.076	89.505	-0.299	0.0	0.0
7826	90.076	89.505	-0.299	0.0	0.0	7870	90.076	89.505	-0.299	0.0	0.0
7828	90.076	89.505	-0.299	0.0	0.0	7872	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 95
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
7874	90.076	89.505	-0.299	0.0	0.0	7918	90.076	89.505	-0.299	0.0	0.0
7876	90.076	89.505	-0.299	0.0	0.0	7920	90.076	89.505	-0.299	0.0	0.0
7878	90.076	89.505	-0.299	0.0	0.0	7922	90.076	89.505	-0.299	0.0	0.0
7880	90.076	89.505	-0.299	0.0	0.0	7924	90.076	89.505	-0.299	0.0	0.0
7882	90.076	89.505	-0.299	0.0	0.0	7926	90.076	89.505	-0.299	0.0	0.0
7884	90.076	89.505	-0.299	0.0	0.0	7928	90.076	89.505	-0.299	0.0	0.0
7886	90.076	89.505	-0.299	0.0	0.0	7930	90.076	89.505	-0.299	0.0	0.0
7888	90.076	89.505	-0.299	0.0	0.0	7932	90.076	89.505	-0.299	0.0	0.0
7890	90.076	89.505	-0.299	0.0	0.0	7934	90.076	89.505	-0.299	0.0	0.0
7892	90.076	89.505	-0.299	0.0	0.0	7936	90.076	89.505	-0.299	0.0	0.0
7894	90.076	89.505	-0.299	0.0	0.0	7938	90.076	89.505	-0.299	0.0	0.0
7896	90.076	89.505	-0.299	0.0	0.0	7940	90.076	89.505	-0.299	0.0	0.0
7898	90.076	89.505	-0.299	0.0	0.0	7942	90.076	89.505	-0.299	0.0	0.0
7900	90.076	89.505	-0.299	0.0	0.0	7944	90.076	89.505	-0.299	0.0	0.0
7902	90.076	89.505	-0.299	0.0	0.0	7946	90.076	89.505	-0.299	0.0	0.0
7904	90.076	89.505	-0.299	0.0	0.0	7948	90.076	89.505	-0.299	0.0	0.0
7906	90.076	89.505	-0.299	0.0	0.0	7950	90.076	89.505	-0.299	0.0	0.0
7908	90.076	89.505	-0.299	0.0	0.0	7952	90.076	89.505	-0.299	0.0	0.0
7910	90.076	89.505	-0.299	0.0	0.0	7954	90.076	89.505	-0.299	0.0	0.0
7912	90.076	89.505	-0.299	0.0	0.0	7956	90.076	89.505	-0.299	0.0	0.0
7914	90.076	89.505	-0.299	0.0	0.0	7958	90.076	89.505	-0.299	0.0	0.0
7916	90.076	89.505	-0.299	0.0	0.0	7960	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 96
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
7962	90.076	89.505	-0.299	0.0	0.0	8006	90.076	89.505	-0.299	0.0	0.0
7964	90.076	89.505	-0.299	0.0	0.0	8008	90.076	89.505	-0.299	0.0	0.0
7966	90.076	89.505	-0.299	0.0	0.0	8010	90.076	89.505	-0.299	0.0	0.0
7968	90.076	89.505	-0.299	0.0	0.0	8012	90.076	89.505	-0.299	0.0	0.0
7970	90.076	89.505	-0.299	0.0	0.0	8014	90.076	89.505	-0.299	0.0	0.0
7972	90.076	89.505	-0.299	0.0	0.0	8016	90.076	89.505	-0.299	0.0	0.0
7974	90.076	89.505	-0.299	0.0	0.0	8018	90.076	89.505	-0.299	0.0	0.0
7976	90.076	89.505	-0.299	0.0	0.0	8020	90.076	89.505	-0.299	0.0	0.0
7978	90.076	89.505	-0.299	0.0	0.0	8022	90.076	89.505	-0.299	0.0	0.0
7980	90.076	89.505	-0.299	0.0	0.0	8024	90.076	89.505	-0.299	0.0	0.0
7982	90.076	89.505	-0.299	0.0	0.0	8026	90.076	89.505	-0.299	0.0	0.0
7984	90.076	89.505	-0.299	0.0	0.0	8028	90.076	89.505	-0.299	0.0	0.0
7986	90.076	89.505	-0.299	0.0	0.0	8030	90.076	89.505	-0.299	0.0	0.0
7988	90.076	89.505	-0.299	0.0	0.0	8032	90.076	89.505	-0.299	0.0	0.0
7990	90.076	89.505	-0.299	0.0	0.0	8034	90.076	89.505	-0.299	0.0	0.0
7992	90.076	89.505	-0.299	0.0	0.0	8036	90.076	89.505	-0.299	0.0	0.0
7994	90.076	89.505	-0.299	0.0	0.0	8038	90.076	89.505	-0.299	0.0	0.0
7996	90.076	89.505	-0.299	0.0	0.0	8040	90.076	89.505	-0.299	0.0	0.0
7998	90.076	89.505	-0.299	0.0	0.0	8042	90.076	89.505	-0.299	0.0	0.0
8000	90.076	89.505	-0.299	0.0	0.0	8044	90.076	89.505	-0.299	0.0	0.0
8002	90.076	89.505	-0.299	0.0	0.0	8046	90.076	89.505	-0.299	0.0	0.0
8004	90.076	89.505	-0.299	0.0	0.0	8048	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 97
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
8050	90.076	89.505	-0.299	0.0	0.0	8094	90.076	89.505	-0.299	0.0	0.0
8052	90.076	89.505	-0.299	0.0	0.0	8096	90.076	89.505	-0.299	0.0	0.0
8054	90.076	89.505	-0.299	0.0	0.0	8098	90.076	89.505	-0.299	0.0	0.0
8056	90.076	89.505	-0.299	0.0	0.0	8100	90.076	89.505	-0.299	0.0	0.0
8058	90.076	89.505	-0.299	0.0	0.0	8102	90.076	89.505	-0.299	0.0	0.0
8060	90.076	89.505	-0.299	0.0	0.0	8104	90.076	89.505	-0.299	0.0	0.0
8062	90.076	89.505	-0.299	0.0	0.0	8106	90.076	89.505	-0.299	0.0	0.0
8064	90.076	89.505	-0.299	0.0	0.0	8108	90.076	89.505	-0.299	0.0	0.0
8066	90.076	89.505	-0.299	0.0	0.0	8110	90.076	89.505	-0.299	0.0	0.0
8068	90.076	89.505	-0.299	0.0	0.0	8112	90.076	89.505	-0.299	0.0	0.0
8070	90.076	89.505	-0.299	0.0	0.0	8114	90.076	89.505	-0.299	0.0	0.0
8072	90.076	89.505	-0.299	0.0	0.0	8116	90.076	89.505	-0.299	0.0	0.0
8074	90.076	89.505	-0.299	0.0	0.0	8118	90.076	89.505	-0.299	0.0	0.0
8076	90.076	89.505	-0.299	0.0	0.0	8120	90.076	89.505	-0.299	0.0	0.0
8078	90.076	89.505	-0.299	0.0	0.0	8122	90.076	89.505	-0.299	0.0	0.0
8080	90.076	89.505	-0.299	0.0	0.0	8124	90.076	89.505	-0.299	0.0	0.0
8082	90.076	89.505	-0.299	0.0	0.0	8126	90.076	89.505	-0.299	0.0	0.0
8084	90.076	89.505	-0.299	0.0	0.0	8128	90.076	89.505	-0.299	0.0	0.0
8086	90.076	89.505	-0.299	0.0	0.0	8130	90.076	89.505	-0.299	0.0	0.0
8088	90.076	89.505	-0.299	0.0	0.0	8132	90.076	89.505	-0.299	0.0	0.0
8090	90.076	89.505	-0.299	0.0	0.0	8134	90.076	89.505	-0.299	0.0	0.0
8092	90.076	89.505	-0.299	0.0	0.0	8136	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 98
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
8138	90.076	89.505	-0.299	0.0	0.0	8182	90.076	89.505	-0.299	0.0	0.0
8140	90.076	89.505	-0.299	0.0	0.0	8184	90.076	89.505	-0.299	0.0	0.0
8142	90.076	89.505	-0.299	0.0	0.0	8186	90.076	89.505	-0.299	0.0	0.0
8144	90.076	89.505	-0.299	0.0	0.0	8188	90.076	89.505	-0.299	0.0	0.0
8146	90.076	89.505	-0.299	0.0	0.0	8190	90.076	89.505	-0.299	0.0	0.0
8148	90.076	89.505	-0.299	0.0	0.0	8192	90.076	89.505	-0.299	0.0	0.0
8150	90.076	89.505	-0.299	0.0	0.0	8194	90.076	89.505	-0.299	0.0	0.0
8152	90.076	89.505	-0.299	0.0	0.0	8196	90.076	89.505	-0.299	0.0	0.0
8154	90.076	89.505	-0.299	0.0	0.0	8198	90.076	89.505	-0.299	0.0	0.0
8156	90.076	89.505	-0.299	0.0	0.0	8200	90.076	89.505	-0.299	0.0	0.0
8158	90.076	89.505	-0.299	0.0	0.0	8202	90.076	89.505	-0.299	0.0	0.0
8160	90.076	89.505	-0.299	0.0	0.0	8204	90.076	89.505	-0.299	0.0	0.0
8162	90.076	89.505	-0.299	0.0	0.0	8206	90.076	89.505	-0.299	0.0	0.0
8164	90.076	89.505	-0.299	0.0	0.0	8208	90.076	89.505	-0.299	0.0	0.0
8166	90.076	89.505	-0.299	0.0	0.0	8210	90.076	89.505	-0.299	0.0	0.0
8168	90.076	89.505	-0.299	0.0	0.0	8212	90.076	89.505	-0.299	0.0	0.0
8170	90.076	89.505	-0.299	0.0	0.0	8214	90.076	89.505	-0.299	0.0	0.0
8172	90.076	89.505	-0.299	0.0	0.0	8216	90.076	89.505	-0.299	0.0	0.0
8174	90.076	89.505	-0.299	0.0	0.0	8218	90.076	89.505	-0.299	0.0	0.0
8176	90.076	89.505	-0.299	0.0	0.0	8220	90.076	89.505	-0.299	0.0	0.0
8178	90.076	89.505	-0.299	0.0	0.0	8222	90.076	89.505	-0.299	0.0	0.0
8180	90.076	89.505	-0.299	0.0	0.0	8224	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 99
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
8226	90.076	89.505	-0.299	0.0	0.0	8270	90.076	89.505	-0.299	0.0	0.0
8228	90.076	89.505	-0.299	0.0	0.0	8272	90.076	89.505	-0.299	0.0	0.0
8230	90.076	89.505	-0.299	0.0	0.0	8274	90.076	89.505	-0.299	0.0	0.0
8232	90.076	89.505	-0.299	0.0	0.0	8276	90.076	89.505	-0.299	0.0	0.0
8234	90.076	89.505	-0.299	0.0	0.0	8278	90.076	89.505	-0.299	0.0	0.0
8236	90.076	89.505	-0.299	0.0	0.0	8280	90.076	89.505	-0.299	0.0	0.0
8238	90.076	89.505	-0.299	0.0	0.0	8282	90.076	89.505	-0.299	0.0	0.0
8240	90.076	89.505	-0.299	0.0	0.0	8284	90.076	89.505	-0.299	0.0	0.0
8242	90.076	89.505	-0.299	0.0	0.0	8286	90.076	89.505	-0.299	0.0	0.0
8244	90.076	89.505	-0.299	0.0	0.0	8288	90.076	89.505	-0.299	0.0	0.0
8246	90.076	89.505	-0.299	0.0	0.0	8290	90.076	89.505	-0.299	0.0	0.0
8248	90.076	89.505	-0.299	0.0	0.0	8292	90.076	89.505	-0.299	0.0	0.0
8250	90.076	89.505	-0.299	0.0	0.0	8294	90.076	89.505	-0.299	0.0	0.0
8252	90.076	89.505	-0.299	0.0	0.0	8296	90.076	89.505	-0.299	0.0	0.0
8254	90.076	89.505	-0.299	0.0	0.0	8298	90.076	89.505	-0.299	0.0	0.0
8256	90.076	89.505	-0.299	0.0	0.0	8300	90.076	89.505	-0.299	0.0	0.0
8258	90.076	89.505	-0.299	0.0	0.0	8302	90.076	89.505	-0.299	0.0	0.0
8260	90.076	89.505	-0.299	0.0	0.0	8304	90.076	89.505	-0.299	0.0	0.0
8262	90.076	89.505	-0.299	0.0	0.0	8306	90.076	89.505	-0.299	0.0	0.0
8264	90.076	89.505	-0.299	0.0	0.0	8308	90.076	89.505	-0.299	0.0	0.0
8266	90.076	89.505	-0.299	0.0	0.0	8310	90.076	89.505	-0.299	0.0	0.0
8268	90.076	89.505	-0.299	0.0	0.0	8312	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 100
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
8314	90.076	89.505	-0.299	0.0	0.0	8358	90.076	89.505	-0.299	0.0	0.0
8316	90.076	89.505	-0.299	0.0	0.0	8360	90.076	89.505	-0.299	0.0	0.0
8318	90.076	89.505	-0.299	0.0	0.0	8362	90.076	89.505	-0.299	0.0	0.0
8320	90.076	89.505	-0.299	0.0	0.0	8364	90.076	89.505	-0.299	0.0	0.0
8322	90.076	89.505	-0.299	0.0	0.0	8366	90.076	89.505	-0.299	0.0	0.0
8324	90.076	89.505	-0.299	0.0	0.0	8368	90.076	89.505	-0.299	0.0	0.0
8326	90.076	89.505	-0.299	0.0	0.0	8370	90.076	89.505	-0.299	0.0	0.0
8328	90.076	89.505	-0.299	0.0	0.0	8372	90.076	89.505	-0.299	0.0	0.0
8330	90.076	89.505	-0.299	0.0	0.0	8374	90.076	89.505	-0.299	0.0	0.0
8332	90.076	89.505	-0.299	0.0	0.0	8376	90.076	89.505	-0.299	0.0	0.0
8334	90.076	89.505	-0.299	0.0	0.0	8378	90.076	89.505	-0.299	0.0	0.0
8336	90.076	89.505	-0.299	0.0	0.0	8380	90.076	89.505	-0.299	0.0	0.0
8338	90.076	89.505	-0.299	0.0	0.0	8382	90.076	89.505	-0.299	0.0	0.0
8340	90.076	89.505	-0.299	0.0	0.0	8384	90.076	89.505	-0.299	0.0	0.0
8342	90.076	89.505	-0.299	0.0	0.0	8386	90.076	89.505	-0.299	0.0	0.0
8344	90.076	89.505	-0.299	0.0	0.0	8388	90.076	89.505	-0.299	0.0	0.0
8346	90.076	89.505	-0.299	0.0	0.0	8390	90.076	89.505	-0.299	0.0	0.0
8348	90.076	89.505	-0.299	0.0	0.0	8392	90.076	89.505	-0.299	0.0	0.0
8350	90.076	89.505	-0.299	0.0	0.0	8394	90.076	89.505	-0.299	0.0	0.0
8352	90.076	89.505	-0.299	0.0	0.0	8396	90.076	89.505	-0.299	0.0	0.0
8354	90.076	89.505	-0.299	0.0	0.0	8398	90.076	89.505	-0.299	0.0	0.0
8356	90.076	89.505	-0.299	0.0	0.0	8400	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 101
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
8402	90.076	89.505	-0.299	0.0	0.0	8446	90.076	89.505	-0.299	0.0	0.0
8404	90.076	89.505	-0.299	0.0	0.0	8448	90.076	89.505	-0.299	0.0	0.0
8406	90.076	89.505	-0.299	0.0	0.0	8450	90.076	89.505	-0.299	0.0	0.0
8408	90.076	89.505	-0.299	0.0	0.0	8452	90.076	89.505	-0.299	0.0	0.0
8410	90.076	89.505	-0.299	0.0	0.0	8454	90.076	89.505	-0.299	0.0	0.0
8412	90.076	89.505	-0.299	0.0	0.0	8456	90.076	89.505	-0.299	0.0	0.0
8414	90.076	89.505	-0.299	0.0	0.0	8458	90.076	89.505	-0.299	0.0	0.0
8416	90.076	89.505	-0.299	0.0	0.0	8460	90.076	89.505	-0.299	0.0	0.0
8418	90.076	89.505	-0.299	0.0	0.0	8462	90.076	89.505	-0.299	0.0	0.0
8420	90.076	89.505	-0.299	0.0	0.0	8464	90.076	89.505	-0.299	0.0	0.0
8422	90.076	89.505	-0.299	0.0	0.0	8466	90.076	89.505	-0.299	0.0	0.0
8424	90.076	89.505	-0.299	0.0	0.0	8468	90.076	89.505	-0.299	0.0	0.0
8426	90.076	89.505	-0.299	0.0	0.0	8470	90.076	89.505	-0.299	0.0	0.0
8428	90.076	89.505	-0.299	0.0	0.0	8472	90.076	89.505	-0.299	0.0	0.0
8430	90.076	89.505	-0.299	0.0	0.0	8474	90.076	89.505	-0.299	0.0	0.0
8432	90.076	89.505	-0.299	0.0	0.0	8476	90.076	89.505	-0.299	0.0	0.0
8434	90.076	89.505	-0.299	0.0	0.0	8478	90.076	89.505	-0.299	0.0	0.0
8436	90.076	89.505	-0.299	0.0	0.0	8480	90.076	89.505	-0.299	0.0	0.0
8438	90.076	89.505	-0.299	0.0	0.0	8482	90.076	89.505	-0.299	0.0	0.0
8440	90.076	89.505	-0.299	0.0	0.0	8484	90.076	89.505	-0.299	0.0	0.0
8442	90.076	89.505	-0.299	0.0	0.0	8486	90.076	89.505	-0.299	0.0	0.0
8444	90.076	89.505	-0.299	0.0	0.0	8488	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 102
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
8490	90.076	89.505	-0.299	0.0	0.0	8534	90.076	89.505	-0.299	0.0	0.0
8492	90.076	89.505	-0.299	0.0	0.0	8536	90.076	89.505	-0.299	0.0	0.0
8494	90.076	89.505	-0.299	0.0	0.0	8538	90.076	89.505	-0.299	0.0	0.0
8496	90.076	89.505	-0.299	0.0	0.0	8540	90.076	89.505	-0.299	0.0	0.0
8498	90.076	89.505	-0.299	0.0	0.0	8542	90.076	89.505	-0.299	0.0	0.0
8500	90.076	89.505	-0.299	0.0	0.0	8544	90.076	89.505	-0.299	0.0	0.0
8502	90.076	89.505	-0.299	0.0	0.0	8546	90.076	89.505	-0.299	0.0	0.0
8504	90.076	89.505	-0.299	0.0	0.0	8548	90.076	89.505	-0.299	0.0	0.0
8506	90.076	89.505	-0.299	0.0	0.0	8550	90.076	89.505	-0.299	0.0	0.0
8508	90.076	89.505	-0.299	0.0	0.0	8552	90.076	89.505	-0.299	0.0	0.0
8510	90.076	89.505	-0.299	0.0	0.0	8554	90.076	89.505	-0.299	0.0	0.0
8512	90.076	89.505	-0.299	0.0	0.0	8556	90.076	89.505	-0.299	0.0	0.0
8514	90.076	89.505	-0.299	0.0	0.0	8558	90.076	89.505	-0.299	0.0	0.0
8516	90.076	89.505	-0.299	0.0	0.0	8560	90.076	89.505	-0.299	0.0	0.0
8518	90.076	89.505	-0.299	0.0	0.0	8562	90.076	89.505	-0.299	0.0	0.0
8520	90.076	89.505	-0.299	0.0	0.0	8564	90.076	89.505	-0.299	0.0	0.0
8522	90.076	89.505	-0.299	0.0	0.0	8566	90.076	89.505	-0.299	0.0	0.0
8524	90.076	89.505	-0.299	0.0	0.0	8568	90.076	89.505	-0.299	0.0	0.0
8526	90.076	89.505	-0.299	0.0	0.0	8570	90.076	89.505	-0.299	0.0	0.0
8528	90.076	89.505	-0.299	0.0	0.0	8572	90.076	89.505	-0.299	0.0	0.0
8530	90.076	89.505	-0.299	0.0	0.0	8574	90.076	89.505	-0.299	0.0	0.0
8532	90.076	89.505	-0.299	0.0	0.0	8576	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 103
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (3 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
8578	90.076	89.505	-0.299	0.0	0.0	8610	90.076	89.505	-0.299	0.0	0.0
8580	90.076	89.505	-0.299	0.0	0.0	8612	90.076	89.505	-0.299	0.0	0.0
8582	90.076	89.505	-0.299	0.0	0.0	8614	90.076	89.505	-0.299	0.0	0.0
8584	90.076	89.505	-0.299	0.0	0.0	8616	90.076	89.505	-0.299	0.0	0.0
8586	90.076	89.505	-0.299	0.0	0.0	8618	90.076	89.505	-0.299	0.0	0.0
8588	90.076	89.505	-0.299	0.0	0.0	8620	90.076	89.505	-0.299	0.0	0.0
8590	90.076	89.505	-0.299	0.0	0.0	8622	90.076	89.505	-0.299	0.0	0.0
8592	90.076	89.505	-0.299	0.0	0.0	8624	90.076	89.505	-0.299	0.0	0.0
8594	90.076	89.505	-0.299	0.0	0.0	8626	90.076	89.505	-0.299	0.0	0.0
8596	90.076	89.505	-0.299	0.0	0.0	8628	90.076	89.505	-0.299	0.0	0.0
8598	90.076	89.505	-0.299	0.0	0.0	8630	90.076	89.505	-0.299	0.0	0.0
8600	90.076	89.505	-0.299	0.0	0.0	8632	90.076	89.505	-0.299	0.0	0.0
8602	90.076	89.505	-0.299	0.0	0.0	8634	90.076	89.505	-0.299	0.0	0.0
8604	90.076	89.505	-0.299	0.0	0.0	8636	90.076	89.505	-0.299	0.0	0.0
8606	90.076	89.505	-0.299	0.0	0.0	8638	90.076	89.505	-0.299	0.0	0.0
8608	90.076	89.505	-0.299	0.0	0.0	8640	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 104
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
8642	90.076	89.505	-0.299	0.0	0.0	8686	90.076	89.505	-0.299	0.0	0.0
8644	90.076	89.505	-0.299	0.0	0.0	8688	90.076	89.505	-0.299	0.0	0.0
8646	90.076	89.505	-0.299	0.0	0.0	8690	90.076	89.505	-0.299	0.0	0.0
8648	90.076	89.505	-0.299	0.0	0.0	8692	90.076	89.505	-0.299	0.0	0.0
8650	90.076	89.505	-0.299	0.0	0.0	8694	90.076	89.505	-0.299	0.0	0.0
8652	90.076	89.505	-0.299	0.0	0.0	8696	90.076	89.505	-0.299	0.0	0.0
8654	90.076	89.505	-0.299	0.0	0.0	8698	90.076	89.505	-0.299	0.0	0.0
8656	90.076	89.505	-0.299	0.0	0.0	8700	90.076	89.505	-0.299	0.0	0.0
8658	90.076	89.505	-0.299	0.0	0.0	8702	90.076	89.505	-0.299	0.0	0.0
8660	90.076	89.505	-0.299	0.0	0.0	8704	90.076	89.505	-0.299	0.0	0.0
8662	90.076	89.505	-0.299	0.0	0.0	8706	90.076	89.505	-0.299	0.0	0.0
8664	90.076	89.505	-0.299	0.0	0.0	8708	90.076	89.505	-0.299	0.0	0.0
8666	90.076	89.505	-0.299	0.0	0.0	8710	90.076	89.505	-0.299	0.0	0.0
8668	90.076	89.505	-0.299	0.0	0.0	8712	90.076	89.505	-0.299	0.0	0.0
8670	90.076	89.505	-0.299	0.0	0.0	8714	90.076	89.505	-0.299	0.0	0.0
8672	90.076	89.505	-0.299	0.0	0.0	8716	90.076	89.505	-0.299	0.0	0.0
8674	90.076	89.505	-0.299	0.0	0.0	8718	90.076	89.505	-0.299	0.0	0.0
8676	90.076	89.505	-0.299	0.0	0.0	8720	90.076	89.505	-0.299	0.0	0.0
8678	90.076	89.505	-0.299	0.0	0.0	8722	90.076	89.505	-0.299	0.0	0.0
8680	90.076	89.505	-0.299	0.0	0.0	8724	90.076	89.505	-0.299	0.0	0.0
8682	90.076	89.505	-0.299	0.0	0.0	8726	90.076	89.505	-0.299	0.0	0.0
8684	90.076	89.505	-0.299	0.0	0.0	8728	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 105
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
8730	90.076	89.505	-0.299	0.0	0.0	8774	90.076	89.505	-0.299	0.0	0.0
8732	90.076	89.505	-0.299	0.0	0.0	8776	90.076	89.505	-0.299	0.0	0.0
8734	90.076	89.505	-0.299	0.0	0.0	8778	90.076	89.505	-0.299	0.0	0.0
8736	90.076	89.505	-0.299	0.0	0.0	8780	90.076	89.505	-0.299	0.0	0.0
8738	90.076	89.505	-0.299	0.0	0.0	8782	90.076	89.505	-0.299	0.0	0.0
8740	90.076	89.505	-0.299	0.0	0.0	8784	90.076	89.505	-0.299	0.0	0.0
8742	90.076	89.505	-0.299	0.0	0.0	8786	90.076	89.505	-0.299	0.0	0.0
8744	90.076	89.505	-0.299	0.0	0.0	8788	90.076	89.505	-0.299	0.0	0.0
8746	90.076	89.505	-0.299	0.0	0.0	8790	90.076	89.505	-0.299	0.0	0.0
8748	90.076	89.505	-0.299	0.0	0.0	8792	90.076	89.505	-0.299	0.0	0.0
8750	90.076	89.505	-0.299	0.0	0.0	8794	90.076	89.505	-0.299	0.0	0.0
8752	90.076	89.505	-0.299	0.0	0.0	8796	90.076	89.505	-0.299	0.0	0.0
8754	90.076	89.505	-0.299	0.0	0.0	8798	90.076	89.505	-0.299	0.0	0.0
8756	90.076	89.505	-0.299	0.0	0.0	8800	90.076	89.505	-0.299	0.0	0.0
8758	90.076	89.505	-0.299	0.0	0.0	8802	90.076	89.505	-0.299	0.0	0.0
8760	90.076	89.505	-0.299	0.0	0.0	8804	90.076	89.505	-0.299	0.0	0.0
8762	90.076	89.505	-0.299	0.0	0.0	8806	90.076	89.505	-0.299	0.0	0.0
8764	90.076	89.505	-0.299	0.0	0.0	8808	90.076	89.505	-0.299	0.0	0.0
8766	90.076	89.505	-0.299	0.0	0.0	8810	90.076	89.505	-0.299	0.0	0.0
8768	90.076	89.505	-0.299	0.0	0.0	8812	90.076	89.505	-0.299	0.0	0.0
8770	90.076	89.505	-0.299	0.0	0.0	8814	90.076	89.505	-0.299	0.0	0.0
8772	90.076	89.505	-0.299	0.0	0.0	8816	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 106
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
8818	90.076	89.505	-0.299	0.0	0.0	8862	90.076	89.505	-0.299	0.0	0.0
8820	90.076	89.505	-0.299	0.0	0.0	8864	90.076	89.505	-0.299	0.0	0.0
8822	90.076	89.505	-0.299	0.0	0.0	8866	90.076	89.505	-0.299	0.0	0.0
8824	90.076	89.505	-0.299	0.0	0.0	8868	90.076	89.505	-0.299	0.0	0.0
8826	90.076	89.505	-0.299	0.0	0.0	8870	90.076	89.505	-0.299	0.0	0.0
8828	90.076	89.505	-0.299	0.0	0.0	8872	90.076	89.505	-0.299	0.0	0.0
8830	90.076	89.505	-0.299	0.0	0.0	8874	90.076	89.505	-0.299	0.0	0.0
8832	90.076	89.505	-0.299	0.0	0.0	8876	90.076	89.505	-0.299	0.0	0.0
8834	90.076	89.505	-0.299	0.0	0.0	8878	90.076	89.505	-0.299	0.0	0.0
8836	90.076	89.505	-0.299	0.0	0.0	8880	90.076	89.505	-0.299	0.0	0.0
8838	90.076	89.505	-0.299	0.0	0.0	8882	90.076	89.505	-0.299	0.0	0.0
8840	90.076	89.505	-0.299	0.0	0.0	8884	90.076	89.505	-0.299	0.0	0.0
8842	90.076	89.505	-0.299	0.0	0.0	8886	90.076	89.505	-0.299	0.0	0.0
8844	90.076	89.505	-0.299	0.0	0.0	8888	90.076	89.505	-0.299	0.0	0.0
8846	90.076	89.505	-0.299	0.0	0.0	8890	90.076	89.505	-0.299	0.0	0.0
8848	90.076	89.505	-0.299	0.0	0.0	8892	90.076	89.505	-0.299	0.0	0.0
8850	90.076	89.505	-0.299	0.0	0.0	8894	90.076	89.505	-0.299	0.0	0.0
8852	90.076	89.505	-0.299	0.0	0.0	8896	90.076	89.505	-0.299	0.0	0.0
8854	90.076	89.505	-0.299	0.0	0.0	8898	90.076	89.505	-0.299	0.0	0.0
8856	90.076	89.505	-0.299	0.0	0.0	8900	90.076	89.505	-0.299	0.0	0.0
8858	90.076	89.505	-0.299	0.0	0.0	8902	90.076	89.505	-0.299	0.0	0.0
8860	90.076	89.505	-0.299	0.0	0.0	8904	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 107
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
8906	90.076	89.505	-0.299	0.0	0.0	8950	90.076	89.505	-0.299	0.0	0.0
8908	90.076	89.505	-0.299	0.0	0.0	8952	90.076	89.505	-0.299	0.0	0.0
8910	90.076	89.505	-0.299	0.0	0.0	8954	90.076	89.505	-0.299	0.0	0.0
8912	90.076	89.505	-0.299	0.0	0.0	8956	90.076	89.505	-0.299	0.0	0.0
8914	90.076	89.505	-0.299	0.0	0.0	8958	90.076	89.505	-0.299	0.0	0.0
8916	90.076	89.505	-0.299	0.0	0.0	8960	90.076	89.505	-0.299	0.0	0.0
8918	90.076	89.505	-0.299	0.0	0.0	8962	90.076	89.505	-0.299	0.0	0.0
8920	90.076	89.505	-0.299	0.0	0.0	8964	90.076	89.505	-0.299	0.0	0.0
8922	90.076	89.505	-0.299	0.0	0.0	8966	90.076	89.505	-0.299	0.0	0.0
8924	90.076	89.505	-0.299	0.0	0.0	8968	90.076	89.505	-0.299	0.0	0.0
8926	90.076	89.505	-0.299	0.0	0.0	8970	90.076	89.505	-0.299	0.0	0.0
8928	90.076	89.505	-0.299	0.0	0.0	8972	90.076	89.505	-0.299	0.0	0.0
8930	90.076	89.505	-0.299	0.0	0.0	8974	90.076	89.505	-0.299	0.0	0.0
8932	90.076	89.505	-0.299	0.0	0.0	8976	90.076	89.505	-0.299	0.0	0.0
8934	90.076	89.505	-0.299	0.0	0.0	8978	90.076	89.505	-0.299	0.0	0.0
8936	90.076	89.505	-0.299	0.0	0.0	8980	90.076	89.505	-0.299	0.0	0.0
8938	90.076	89.505	-0.299	0.0	0.0	8982	90.076	89.505	-0.299	0.0	0.0
8940	90.076	89.505	-0.299	0.0	0.0	8984	90.076	89.505	-0.299	0.0	0.0
8942	90.076	89.505	-0.299	0.0	0.0	8986	90.076	89.505	-0.299	0.0	0.0
8944	90.076	89.505	-0.299	0.0	0.0	8988	90.076	89.505	-0.299	0.0	0.0
8946	90.076	89.505	-0.299	0.0	0.0	8990	90.076	89.505	-0.299	0.0	0.0
8948	90.076	89.505	-0.299	0.0	0.0	8992	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 108
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
8994	90.076	89.505	-0.299	0.0	0.0	9038	90.076	89.505	-0.299	0.0	0.0
8996	90.076	89.505	-0.299	0.0	0.0	9040	90.076	89.505	-0.299	0.0	0.0
8998	90.076	89.505	-0.299	0.0	0.0	9042	90.076	89.505	-0.299	0.0	0.0
9000	90.076	89.505	-0.299	0.0	0.0	9044	90.076	89.505	-0.299	0.0	0.0
9002	90.076	89.505	-0.299	0.0	0.0	9046	90.076	89.505	-0.299	0.0	0.0
9004	90.076	89.505	-0.299	0.0	0.0	9048	90.076	89.505	-0.299	0.0	0.0
9006	90.076	89.505	-0.299	0.0	0.0	9050	90.076	89.505	-0.299	0.0	0.0
9008	90.076	89.505	-0.299	0.0	0.0	9052	90.076	89.505	-0.299	0.0	0.0
9010	90.076	89.505	-0.299	0.0	0.0	9054	90.076	89.505	-0.299	0.0	0.0
9012	90.076	89.505	-0.299	0.0	0.0	9056	90.076	89.505	-0.299	0.0	0.0
9014	90.076	89.505	-0.299	0.0	0.0	9058	90.076	89.505	-0.299	0.0	0.0
9016	90.076	89.505	-0.299	0.0	0.0	9060	90.076	89.505	-0.299	0.0	0.0
9018	90.076	89.505	-0.299	0.0	0.0	9062	90.076	89.505	-0.299	0.0	0.0
9020	90.076	89.505	-0.299	0.0	0.0	9064	90.076	89.505	-0.299	0.0	0.0
9022	90.076	89.505	-0.299	0.0	0.0	9066	90.076	89.505	-0.299	0.0	0.0
9024	90.076	89.505	-0.299	0.0	0.0	9068	90.076	89.505	-0.299	0.0	0.0
9026	90.076	89.505	-0.299	0.0	0.0	9070	90.076	89.505	-0.299	0.0	0.0
9028	90.076	89.505	-0.299	0.0	0.0	9072	90.076	89.505	-0.299	0.0	0.0
9030	90.076	89.505	-0.299	0.0	0.0	9074	90.076	89.505	-0.299	0.0	0.0
9032	90.076	89.505	-0.299	0.0	0.0	9076	90.076	89.505	-0.299	0.0	0.0
9034	90.076	89.505	-0.299	0.0	0.0	9078	90.076	89.505	-0.299	0.0	0.0
9036	90.076	89.505	-0.299	0.0	0.0	9080	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 109
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
9082	90.076	89.505	-0.299	0.0	0.0	9126	90.076	89.505	-0.299	0.0	0.0
9084	90.076	89.505	-0.299	0.0	0.0	9128	90.076	89.505	-0.299	0.0	0.0
9086	90.076	89.505	-0.299	0.0	0.0	9130	90.076	89.505	-0.299	0.0	0.0
9088	90.076	89.505	-0.299	0.0	0.0	9132	90.076	89.505	-0.299	0.0	0.0
9090	90.076	89.505	-0.299	0.0	0.0	9134	90.076	89.505	-0.299	0.0	0.0
9092	90.076	89.505	-0.299	0.0	0.0	9136	90.076	89.505	-0.299	0.0	0.0
9094	90.076	89.505	-0.299	0.0	0.0	9138	90.076	89.505	-0.299	0.0	0.0
9096	90.076	89.505	-0.299	0.0	0.0	9140	90.076	89.505	-0.299	0.0	0.0
9098	90.076	89.505	-0.299	0.0	0.0	9142	90.076	89.505	-0.299	0.0	0.0
9100	90.076	89.505	-0.299	0.0	0.0	9144	90.076	89.505	-0.299	0.0	0.0
9102	90.076	89.505	-0.299	0.0	0.0	9146	90.076	89.505	-0.299	0.0	0.0
9104	90.076	89.505	-0.299	0.0	0.0	9148	90.076	89.505	-0.299	0.0	0.0
9106	90.076	89.505	-0.299	0.0	0.0	9150	90.076	89.505	-0.299	0.0	0.0
9108	90.076	89.505	-0.299	0.0	0.0	9152	90.076	89.505	-0.299	0.0	0.0
9110	90.076	89.505	-0.299	0.0	0.0	9154	90.076	89.505	-0.299	0.0	0.0
9112	90.076	89.505	-0.299	0.0	0.0	9156	90.076	89.505	-0.299	0.0	0.0
9114	90.076	89.505	-0.299	0.0	0.0	9158	90.076	89.505	-0.299	0.0	0.0
9116	90.076	89.505	-0.299	0.0	0.0	9160	90.076	89.505	-0.299	0.0	0.0
9118	90.076	89.505	-0.299	0.0	0.0	9162	90.076	89.505	-0.299	0.0	0.0
9120	90.076	89.505	-0.299	0.0	0.0	9164	90.076	89.505	-0.299	0.0	0.0
9122	90.076	89.505	-0.299	0.0	0.0	9166	90.076	89.505	-0.299	0.0	0.0
9124	90.076	89.505	-0.299	0.0	0.0	9168	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 110
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
9170	90.076	89.505	-0.299	0.0	0.0	9214	90.076	89.505	-0.299	0.0	0.0
9172	90.076	89.505	-0.299	0.0	0.0	9216	90.076	89.505	-0.299	0.0	0.0
9174	90.076	89.505	-0.299	0.0	0.0	9218	90.076	89.505	-0.299	0.0	0.0
9176	90.076	89.505	-0.299	0.0	0.0	9220	90.076	89.505	-0.299	0.0	0.0
9178	90.076	89.505	-0.299	0.0	0.0	9222	90.076	89.505	-0.299	0.0	0.0
9180	90.076	89.505	-0.299	0.0	0.0	9224	90.076	89.505	-0.299	0.0	0.0
9182	90.076	89.505	-0.299	0.0	0.0	9226	90.076	89.505	-0.299	0.0	0.0
9184	90.076	89.505	-0.299	0.0	0.0	9228	90.076	89.505	-0.299	0.0	0.0
9186	90.076	89.505	-0.299	0.0	0.0	9230	90.076	89.505	-0.299	0.0	0.0
9188	90.076	89.505	-0.299	0.0	0.0	9232	90.076	89.505	-0.299	0.0	0.0
9190	90.076	89.505	-0.299	0.0	0.0	9234	90.076	89.505	-0.299	0.0	0.0
9192	90.076	89.505	-0.299	0.0	0.0	9236	90.076	89.505	-0.299	0.0	0.0
9194	90.076	89.505	-0.299	0.0	0.0	9238	90.076	89.505	-0.299	0.0	0.0
9196	90.076	89.505	-0.299	0.0	0.0	9240	90.076	89.505	-0.299	0.0	0.0
9198	90.076	89.505	-0.299	0.0	0.0	9242	90.076	89.505	-0.299	0.0	0.0
9200	90.076	89.505	-0.299	0.0	0.0	9244	90.076	89.505	-0.299	0.0	0.0
9202	90.076	89.505	-0.299	0.0	0.0	9246	90.076	89.505	-0.299	0.0	0.0
9204	90.076	89.505	-0.299	0.0	0.0	9248	90.076	89.505	-0.299	0.0	0.0
9206	90.076	89.505	-0.299	0.0	0.0	9250	90.076	89.505	-0.299	0.0	0.0
9208	90.076	89.505	-0.299	0.0	0.0	9252	90.076	89.505	-0.299	0.0	0.0
9210	90.076	89.505	-0.299	0.0	0.0	9254	90.076	89.505	-0.299	0.0	0.0
9212	90.076	89.505	-0.299	0.0	0.0	9256	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 111
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
9258	90.076	89.505	-0.299	0.0	0.0	9302	90.076	89.505	-0.299	0.0	0.0
9260	90.076	89.505	-0.299	0.0	0.0	9304	90.076	89.505	-0.299	0.0	0.0
9262	90.076	89.505	-0.299	0.0	0.0	9306	90.076	89.505	-0.299	0.0	0.0
9264	90.076	89.505	-0.299	0.0	0.0	9308	90.076	89.505	-0.299	0.0	0.0
9266	90.076	89.505	-0.299	0.0	0.0	9310	90.076	89.505	-0.299	0.0	0.0
9268	90.076	89.505	-0.299	0.0	0.0	9312	90.076	89.505	-0.299	0.0	0.0
9270	90.076	89.505	-0.299	0.0	0.0	9314	90.076	89.505	-0.299	0.0	0.0
9272	90.076	89.505	-0.299	0.0	0.0	9316	90.076	89.505	-0.299	0.0	0.0
9274	90.076	89.505	-0.299	0.0	0.0	9318	90.076	89.505	-0.299	0.0	0.0
9276	90.076	89.505	-0.299	0.0	0.0	9320	90.076	89.505	-0.299	0.0	0.0
9278	90.076	89.505	-0.299	0.0	0.0	9322	90.076	89.505	-0.299	0.0	0.0
9280	90.076	89.505	-0.299	0.0	0.0	9324	90.076	89.505	-0.299	0.0	0.0
9282	90.076	89.505	-0.299	0.0	0.0	9326	90.076	89.505	-0.299	0.0	0.0
9284	90.076	89.505	-0.299	0.0	0.0	9328	90.076	89.505	-0.299	0.0	0.0
9286	90.076	89.505	-0.299	0.0	0.0	9330	90.076	89.505	-0.299	0.0	0.0
9288	90.076	89.505	-0.299	0.0	0.0	9332	90.076	89.505	-0.299	0.0	0.0
9290	90.076	89.505	-0.299	0.0	0.0	9334	90.076	89.505	-0.299	0.0	0.0
9292	90.076	89.505	-0.299	0.0	0.0	9336	90.076	89.505	-0.299	0.0	0.0
9294	90.076	89.505	-0.299	0.0	0.0	9338	90.076	89.505	-0.299	0.0	0.0
9296	90.076	89.505	-0.299	0.0	0.0	9340	90.076	89.505	-0.299	0.0	0.0
9298	90.076	89.505	-0.299	0.0	0.0	9342	90.076	89.505	-0.299	0.0	0.0
9300	90.076	89.505	-0.299	0.0	0.0	9344	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 112
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
9346	90.076	89.505	-0.299	0.0	0.0	9390	90.076	89.505	-0.299	0.0	0.0
9348	90.076	89.505	-0.299	0.0	0.0	9392	90.076	89.505	-0.299	0.0	0.0
9350	90.076	89.505	-0.299	0.0	0.0	9394	90.076	89.505	-0.299	0.0	0.0
9352	90.076	89.505	-0.299	0.0	0.0	9396	90.076	89.505	-0.299	0.0	0.0
9354	90.076	89.505	-0.299	0.0	0.0	9398	90.076	89.505	-0.299	0.0	0.0
9356	90.076	89.505	-0.299	0.0	0.0	9400	90.076	89.505	-0.299	0.0	0.0
9358	90.076	89.505	-0.299	0.0	0.0	9402	90.076	89.505	-0.299	0.0	0.0
9360	90.076	89.505	-0.299	0.0	0.0	9404	90.076	89.505	-0.299	0.0	0.0
9362	90.076	89.505	-0.299	0.0	0.0	9406	90.076	89.505	-0.299	0.0	0.0
9364	90.076	89.505	-0.299	0.0	0.0	9408	90.076	89.505	-0.299	0.0	0.0
9366	90.076	89.505	-0.299	0.0	0.0	9410	90.076	89.505	-0.299	0.0	0.0
9368	90.076	89.505	-0.299	0.0	0.0	9412	90.076	89.505	-0.299	0.0	0.0
9370	90.076	89.505	-0.299	0.0	0.0	9414	90.076	89.505	-0.299	0.0	0.0
9372	90.076	89.505	-0.299	0.0	0.0	9416	90.076	89.505	-0.299	0.0	0.0
9374	90.076	89.505	-0.299	0.0	0.0	9418	90.076	89.505	-0.299	0.0	0.0
9376	90.076	89.505	-0.299	0.0	0.0	9420	90.076	89.505	-0.299	0.0	0.0
9378	90.076	89.505	-0.299	0.0	0.0	9422	90.076	89.505	-0.299	0.0	0.0
9380	90.076	89.505	-0.299	0.0	0.0	9424	90.076	89.505	-0.299	0.0	0.0
9382	90.076	89.505	-0.299	0.0	0.0	9426	90.076	89.505	-0.299	0.0	0.0
9384	90.076	89.505	-0.299	0.0	0.0	9428	90.076	89.505	-0.299	0.0	0.0
9386	90.076	89.505	-0.299	0.0	0.0	9430	90.076	89.505	-0.299	0.0	0.0
9388	90.076	89.505	-0.299	0.0	0.0	9432	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 113
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
9434	90.076	89.505	-0.299	0.0	0.0	9478	90.076	89.505	-0.299	0.0	0.0
9436	90.076	89.505	-0.299	0.0	0.0	9480	90.076	89.505	-0.299	0.0	0.0
9438	90.076	89.505	-0.299	0.0	0.0	9482	90.076	89.505	-0.299	0.0	0.0
9440	90.076	89.505	-0.299	0.0	0.0	9484	90.076	89.505	-0.299	0.0	0.0
9442	90.076	89.505	-0.299	0.0	0.0	9486	90.076	89.505	-0.299	0.0	0.0
9444	90.076	89.505	-0.299	0.0	0.0	9488	90.076	89.505	-0.299	0.0	0.0
9446	90.076	89.505	-0.299	0.0	0.0	9490	90.076	89.505	-0.299	0.0	0.0
9448	90.076	89.505	-0.299	0.0	0.0	9492	90.076	89.505	-0.299	0.0	0.0
9450	90.076	89.505	-0.299	0.0	0.0	9494	90.076	89.505	-0.299	0.0	0.0
9452	90.076	89.505	-0.299	0.0	0.0	9496	90.076	89.505	-0.299	0.0	0.0
9454	90.076	89.505	-0.299	0.0	0.0	9498	90.076	89.505	-0.299	0.0	0.0
9456	90.076	89.505	-0.299	0.0	0.0	9500	90.076	89.505	-0.299	0.0	0.0
9458	90.076	89.505	-0.299	0.0	0.0	9502	90.076	89.505	-0.299	0.0	0.0
9460	90.076	89.505	-0.299	0.0	0.0	9504	90.076	89.505	-0.299	0.0	0.0
9462	90.076	89.505	-0.299	0.0	0.0	9506	90.076	89.505	-0.299	0.0	0.0
9464	90.076	89.505	-0.299	0.0	0.0	9508	90.076	89.505	-0.299	0.0	0.0
9466	90.076	89.505	-0.299	0.0	0.0	9510	90.076	89.505	-0.299	0.0	0.0
9468	90.076	89.505	-0.299	0.0	0.0	9512	90.076	89.505	-0.299	0.0	0.0
9470	90.076	89.505	-0.299	0.0	0.0	9514	90.076	89.505	-0.299	0.0	0.0
9472	90.076	89.505	-0.299	0.0	0.0	9516	90.076	89.505	-0.299	0.0	0.0
9474	90.076	89.505	-0.299	0.0	0.0	9518	90.076	89.505	-0.299	0.0	0.0
9476	90.076	89.505	-0.299	0.0	0.0	9520	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 114
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
9522	90.076	89.505	-0.299	0.0	0.0	9566	90.076	89.505	-0.299	0.0	0.0
9524	90.076	89.505	-0.299	0.0	0.0	9568	90.076	89.505	-0.299	0.0	0.0
9526	90.076	89.505	-0.299	0.0	0.0	9570	90.076	89.505	-0.299	0.0	0.0
9528	90.076	89.505	-0.299	0.0	0.0	9572	90.076	89.505	-0.299	0.0	0.0
9530	90.076	89.505	-0.299	0.0	0.0	9574	90.076	89.505	-0.299	0.0	0.0
9532	90.076	89.505	-0.299	0.0	0.0	9576	90.076	89.505	-0.299	0.0	0.0
9534	90.076	89.505	-0.299	0.0	0.0	9578	90.076	89.505	-0.299	0.0	0.0
9536	90.076	89.505	-0.299	0.0	0.0	9580	90.076	89.505	-0.299	0.0	0.0
9538	90.076	89.505	-0.299	0.0	0.0	9582	90.076	89.505	-0.299	0.0	0.0
9540	90.076	89.505	-0.299	0.0	0.0	9584	90.076	89.505	-0.299	0.0	0.0
9542	90.076	89.505	-0.299	0.0	0.0	9586	90.076	89.505	-0.299	0.0	0.0
9544	90.076	89.505	-0.299	0.0	0.0	9588	90.076	89.505	-0.299	0.0	0.0
9546	90.076	89.505	-0.299	0.0	0.0	9590	90.076	89.505	-0.299	0.0	0.0
9548	90.076	89.505	-0.299	0.0	0.0	9592	90.076	89.505	-0.299	0.0	0.0
9550	90.076	89.505	-0.299	0.0	0.0	9594	90.076	89.505	-0.299	0.0	0.0
9552	90.076	89.505	-0.299	0.0	0.0	9596	90.076	89.505	-0.299	0.0	0.0
9554	90.076	89.505	-0.299	0.0	0.0	9598	90.076	89.505	-0.299	0.0	0.0
9556	90.076	89.505	-0.299	0.0	0.0	9600	90.076	89.505	-0.299	0.0	0.0
9558	90.076	89.505	-0.299	0.0	0.0	9602	90.076	89.505	-0.299	0.0	0.0
9560	90.076	89.505	-0.299	0.0	0.0	9604	90.076	89.505	-0.299	0.0	0.0
9562	90.076	89.505	-0.299	0.0	0.0	9606	90.076	89.505	-0.299	0.0	0.0
9564	90.076	89.505	-0.299	0.0	0.0	9608	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 115
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
9610	90.076	89.505	-0.299	0.0	0.0	9654	90.076	89.505	-0.299	0.0	0.0
9612	90.076	89.505	-0.299	0.0	0.0	9656	90.076	89.505	-0.299	0.0	0.0
9614	90.076	89.505	-0.299	0.0	0.0	9658	90.076	89.505	-0.299	0.0	0.0
9616	90.076	89.505	-0.299	0.0	0.0	9660	90.076	89.505	-0.299	0.0	0.0
9618	90.076	89.505	-0.299	0.0	0.0	9662	90.076	89.505	-0.299	0.0	0.0
9620	90.076	89.505	-0.299	0.0	0.0	9664	90.076	89.505	-0.299	0.0	0.0
9622	90.076	89.505	-0.299	0.0	0.0	9666	90.076	89.505	-0.299	0.0	0.0
9624	90.076	89.505	-0.299	0.0	0.0	9668	90.076	89.505	-0.299	0.0	0.0
9626	90.076	89.505	-0.299	0.0	0.0	9670	90.076	89.505	-0.299	0.0	0.0
9628	90.076	89.505	-0.299	0.0	0.0	9672	90.076	89.505	-0.299	0.0	0.0
9630	90.076	89.505	-0.299	0.0	0.0	9674	90.076	89.505	-0.299	0.0	0.0
9632	90.076	89.505	-0.299	0.0	0.0	9676	90.076	89.505	-0.299	0.0	0.0
9634	90.076	89.505	-0.299	0.0	0.0	9678	90.076	89.505	-0.299	0.0	0.0
9636	90.076	89.505	-0.299	0.0	0.0	9680	90.076	89.505	-0.299	0.0	0.0
9638	90.076	89.505	-0.299	0.0	0.0	9682	90.076	89.505	-0.299	0.0	0.0
9640	90.076	89.505	-0.299	0.0	0.0	9684	90.076	89.505	-0.299	0.0	0.0
9642	90.076	89.505	-0.299	0.0	0.0	9686	90.076	89.505	-0.299	0.0	0.0
9644	90.076	89.505	-0.299	0.0	0.0	9688	90.076	89.505	-0.299	0.0	0.0
9646	90.076	89.505	-0.299	0.0	0.0	9690	90.076	89.505	-0.299	0.0	0.0
9648	90.076	89.505	-0.299	0.0	0.0	9692	90.076	89.505	-0.299	0.0	0.0
9650	90.076	89.505	-0.299	0.0	0.0	9694	90.076	89.505	-0.299	0.0	0.0
9652	90.076	89.505	-0.299	0.0	0.0	9696	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 116
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
9698	90.076	89.505	-0.299	0.0	0.0	9742	90.076	89.505	-0.299	0.0	0.0
9700	90.076	89.505	-0.299	0.0	0.0	9744	90.076	89.505	-0.299	0.0	0.0
9702	90.076	89.505	-0.299	0.0	0.0	9746	90.076	89.505	-0.299	0.0	0.0
9704	90.076	89.505	-0.299	0.0	0.0	9748	90.076	89.505	-0.299	0.0	0.0
9706	90.076	89.505	-0.299	0.0	0.0	9750	90.076	89.505	-0.299	0.0	0.0
9708	90.076	89.505	-0.299	0.0	0.0	9752	90.076	89.505	-0.299	0.0	0.0
9710	90.076	89.505	-0.299	0.0	0.0	9754	90.076	89.505	-0.299	0.0	0.0
9712	90.076	89.505	-0.299	0.0	0.0	9756	90.076	89.505	-0.299	0.0	0.0
9714	90.076	89.505	-0.299	0.0	0.0	9758	90.076	89.505	-0.299	0.0	0.0
9716	90.076	89.505	-0.299	0.0	0.0	9760	90.076	89.505	-0.299	0.0	0.0
9718	90.076	89.505	-0.299	0.0	0.0	9762	90.076	89.505	-0.299	0.0	0.0
9720	90.076	89.505	-0.299	0.0	0.0	9764	90.076	89.505	-0.299	0.0	0.0
9722	90.076	89.505	-0.299	0.0	0.0	9766	90.076	89.505	-0.299	0.0	0.0
9724	90.076	89.505	-0.299	0.0	0.0	9768	90.076	89.505	-0.299	0.0	0.0
9726	90.076	89.505	-0.299	0.0	0.0	9770	90.076	89.505	-0.299	0.0	0.0
9728	90.076	89.505	-0.299	0.0	0.0	9772	90.076	89.505	-0.299	0.0	0.0
9730	90.076	89.505	-0.299	0.0	0.0	9774	90.076	89.505	-0.299	0.0	0.0
9732	90.076	89.505	-0.299	0.0	0.0	9776	90.076	89.505	-0.299	0.0	0.0
9734	90.076	89.505	-0.299	0.0	0.0	9778	90.076	89.505	-0.299	0.0	0.0
9736	90.076	89.505	-0.299	0.0	0.0	9780	90.076	89.505	-0.299	0.0	0.0
9738	90.076	89.505	-0.299	0.0	0.0	9782	90.076	89.505	-0.299	0.0	0.0
9740	90.076	89.505	-0.299	0.0	0.0	9784	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 117
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
9786	90.076	89.505	-0.299	0.0	0.0	9830	90.076	89.505	-0.299	0.0	0.0
9788	90.076	89.505	-0.299	0.0	0.0	9832	90.076	89.505	-0.299	0.0	0.0
9790	90.076	89.505	-0.299	0.0	0.0	9834	90.076	89.505	-0.299	0.0	0.0
9792	90.076	89.505	-0.299	0.0	0.0	9836	90.076	89.505	-0.299	0.0	0.0
9794	90.076	89.505	-0.299	0.0	0.0	9838	90.076	89.505	-0.299	0.0	0.0
9796	90.076	89.505	-0.299	0.0	0.0	9840	90.076	89.505	-0.299	0.0	0.0
9798	90.076	89.505	-0.299	0.0	0.0	9842	90.076	89.505	-0.299	0.0	0.0
9800	90.076	89.505	-0.299	0.0	0.0	9844	90.076	89.505	-0.299	0.0	0.0
9802	90.076	89.505	-0.299	0.0	0.0	9846	90.076	89.505	-0.299	0.0	0.0
9804	90.076	89.505	-0.299	0.0	0.0	9848	90.076	89.505	-0.299	0.0	0.0
9806	90.076	89.505	-0.299	0.0	0.0	9850	90.076	89.505	-0.299	0.0	0.0
9808	90.076	89.505	-0.299	0.0	0.0	9852	90.076	89.505	-0.299	0.0	0.0
9810	90.076	89.505	-0.299	0.0	0.0	9854	90.076	89.505	-0.299	0.0	0.0
9812	90.076	89.505	-0.299	0.0	0.0	9856	90.076	89.505	-0.299	0.0	0.0
9814	90.076	89.505	-0.299	0.0	0.0	9858	90.076	89.505	-0.299	0.0	0.0
9816	90.076	89.505	-0.299	0.0	0.0	9860	90.076	89.505	-0.299	0.0	0.0
9818	90.076	89.505	-0.299	0.0	0.0	9862	90.076	89.505	-0.299	0.0	0.0
9820	90.076	89.505	-0.299	0.0	0.0	9864	90.076	89.505	-0.299	0.0	0.0
9822	90.076	89.505	-0.299	0.0	0.0	9866	90.076	89.505	-0.299	0.0	0.0
9824	90.076	89.505	-0.299	0.0	0.0	9868	90.076	89.505	-0.299	0.0	0.0
9826	90.076	89.505	-0.299	0.0	0.0	9870	90.076	89.505	-0.299	0.0	0.0
9828	90.076	89.505	-0.299	0.0	0.0	9872	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 118
Blays House Wick Road Englefield Green Egham Surrey TW20 OHJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	


Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
9874	90.076	89.505	-0.299	0.0	0.0	9918	90.076	89.505	-0.299	0.0	0.0
9876	90.076	89.505	-0.299	0.0	0.0	9920	90.076	89.505	-0.299	0.0	0.0
9878	90.076	89.505	-0.299	0.0	0.0	9922	90.076	89.505	-0.299	0.0	0.0
9880	90.076	89.505	-0.299	0.0	0.0	9924	90.076	89.505	-0.299	0.0	0.0
9882	90.076	89.505	-0.299	0.0	0.0	9926	90.076	89.505	-0.299	0.0	0.0
9884	90.076	89.505	-0.299	0.0	0.0	9928	90.076	89.505	-0.299	0.0	0.0
9886	90.076	89.505	-0.299	0.0	0.0	9930	90.076	89.505	-0.299	0.0	0.0
9888	90.076	89.505	-0.299	0.0	0.0	9932	90.076	89.505	-0.299	0.0	0.0
9890	90.076	89.505	-0.299	0.0	0.0	9934	90.076	89.505	-0.299	0.0	0.0
9892	90.076	89.505	-0.299	0.0	0.0	9936	90.076	89.505	-0.299	0.0	0.0
9894	90.076	89.505	-0.299	0.0	0.0	9938	90.076	89.505	-0.299	0.0	0.0
9896	90.076	89.505	-0.299	0.0	0.0	9940	90.076	89.505	-0.299	0.0	0.0
9898	90.076	89.505	-0.299	0.0	0.0	9942	90.076	89.505	-0.299	0.0	0.0
9900	90.076	89.505	-0.299	0.0	0.0	9944	90.076	89.505	-0.299	0.0	0.0
9902	90.076	89.505	-0.299	0.0	0.0	9946	90.076	89.505	-0.299	0.0	0.0
9904	90.076	89.505	-0.299	0.0	0.0	9948	90.076	89.505	-0.299	0.0	0.0
9906	90.076	89.505	-0.299	0.0	0.0	9950	90.076	89.505	-0.299	0.0	0.0
9908	90.076	89.505	-0.299	0.0	0.0	9952	90.076	89.505	-0.299	0.0	0.0
9910	90.076	89.505	-0.299	0.0	0.0	9954	90.076	89.505	-0.299	0.0	0.0
9912	90.076	89.505	-0.299	0.0	0.0	9956	90.076	89.505	-0.299	0.0	0.0
9914	90.076	89.505	-0.299	0.0	0.0	9958	90.076	89.505	-0.299	0.0	0.0
9916	90.076	89.505	-0.299	0.0	0.0	9960	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 119
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	

Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
9962	90.076	89.505	-0.299	0.0	0.0	10006	90.076	89.505	-0.299	0.0	0.0
9964	90.076	89.505	-0.299	0.0	0.0	10008	90.076	89.505	-0.299	0.0	0.0
9966	90.076	89.505	-0.299	0.0	0.0	10010	90.076	89.505	-0.299	0.0	0.0
9968	90.076	89.505	-0.299	0.0	0.0	10012	90.076	89.505	-0.299	0.0	0.0
9970	90.076	89.505	-0.299	0.0	0.0	10014	90.076	89.505	-0.299	0.0	0.0
9972	90.076	89.505	-0.299	0.0	0.0	10016	90.076	89.505	-0.299	0.0	0.0
9974	90.076	89.505	-0.299	0.0	0.0	10018	90.076	89.505	-0.299	0.0	0.0
9976	90.076	89.505	-0.299	0.0	0.0	10020	90.076	89.505	-0.299	0.0	0.0
9978	90.076	89.505	-0.299	0.0	0.0	10022	90.076	89.505	-0.299	0.0	0.0
9980	90.076	89.505	-0.299	0.0	0.0	10024	90.076	89.505	-0.299	0.0	0.0
9982	90.076	89.505	-0.299	0.0	0.0	10026	90.076	89.505	-0.299	0.0	0.0
9984	90.076	89.505	-0.299	0.0	0.0	10028	90.076	89.505	-0.299	0.0	0.0
9986	90.076	89.505	-0.299	0.0	0.0	10030	90.076	89.505	-0.299	0.0	0.0
9988	90.076	89.505	-0.299	0.0	0.0	10032	90.076	89.505	-0.299	0.0	0.0
9990	90.076	89.505	-0.299	0.0	0.0	10034	90.076	89.505	-0.299	0.0	0.0
9992	90.076	89.505	-0.299	0.0	0.0	10036	90.076	89.505	-0.299	0.0	0.0
9994	90.076	89.505	-0.299	0.0	0.0	10038	90.076	89.505	-0.299	0.0	0.0
9996	90.076	89.505	-0.299	0.0	0.0	10040	90.076	89.505	-0.299	0.0	0.0
9998	90.076	89.505	-0.299	0.0	0.0	10042	90.076	89.505	-0.299	0.0	0.0
10000	90.076	89.505	-0.299	0.0	0.0	10044	90.076	89.505	-0.299	0.0	0.0
10002	90.076	89.505	-0.299	0.0	0.0	10046	90.076	89.505	-0.299	0.0	0.0
10004	90.076	89.505	-0.299	0.0	0.0	10048	90.076	89.505	-0.299	0.0	0.0

Royal HaskoningDHV		Page 120
Blays House Wick Road Englefield Green Egham Surrey TW20 0HJ	Haverhill Great Willsey Park Area 6 : 1 in 100 360 min	
Date 4/7/2019 File HAVERHILL. ALL NETWORKS FOR TENDER.MDX	Designed by RMV Checked by DJ	
Innovyze	Network 2018.1.1	

Flows and Levels for Pipe 2.002 US/MH S6.07 FC (SW 06)
360 minute 100 year Winter
Average Rainfall Intensity 11.150 mm/hr (4 of 4)

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (1/s)	Pipe Flow (1/s)
10050	90.076	89.505	-0.299	0.0	0.0	10066	90.076	89.505	-0.299	0.0	0.0
10052	90.076	89.505	-0.299	0.0	0.0	10068	90.076	89.505	-0.299	0.0	0.0
10054	90.076	89.505	-0.299	0.0	0.0	10070	90.076	89.505	-0.299	0.0	0.0
10056	90.076	89.505	-0.299	0.0	0.0	10072	90.076	89.505	-0.299	0.0	0.0
10058	90.076	89.505	-0.299	0.0	0.0	10074	90.076	89.505	-0.299	0.0	0.0
10060	90.076	89.505	-0.299	0.0	0.0	10076	90.076	89.505	-0.299	0.0	0.0
10062	90.076	89.505	-0.299	0.0	0.0	10078	90.076	89.505	-0.299	0.0	0.0
10064	90.076	89.505	-0.299	0.0	0.0	10080	90.076	89.505	-0.299	0.0	0.0