

GTA Civils Ltd						Page 1					
Gloucester House 66a Church Walk Burgess Hill, BN43 6LB				10768-Sefter Road Simulation Network 2 Revision E							
Date 03/01/2023 File 10768_Network 2_revE - 03.01.23.MDX				Designed by DT Checked by MR							
XP Solutions				Network 2020.1							
<u>Flows and Levels for Pipe 6.007 US/MH Headwall 16 (Surface Network 2)</u> <u>600 minute 10 year Summer</u> <u>Average Rainfall Intensity 4.696 mm/hr</u>											
Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (l/s)	Pipe Flow (l/s)	Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (l/s)	Pipe Flow (l/s)
450	4.774	4.796	0.134	0.0	1.3	670	4.784	4.806	0.144	0.0	1.3
460	4.776	4.796	0.136	0.0	1.2	680	4.781	4.801	0.141	0.0	1.2
470	4.779	4.767	0.139	0.0	1.1	690	4.779	4.767	0.139	0.0	1.1
480	4.782	4.751	0.142	0.0	1.1	700	4.777	4.746	0.137	0.0	1.1
490	4.784	4.758	0.144	0.0	1.2	710	4.775	4.749	0.135	0.0	1.2
500	4.786	4.793	0.146	0.0	1.3	720	4.773	4.779	0.133	0.0	1.3
510	4.788	4.814	0.148	0.0	1.3	730	4.770	4.797	0.130	0.0	1.3
520	4.789	4.793	0.149	0.0	1.1	740	4.767	4.772	0.127	0.0	1.1
530	4.791	4.767	0.151	0.0	1.1	750	4.765	4.742	0.125	0.0	1.1
540	4.792	4.760	0.152	0.0	1.1	760	4.763	4.732	0.123	0.0	1.1
550	4.794	4.781	0.154	0.0	1.2	770	4.761	4.749	0.121	0.0	1.2
560	4.795	4.817	0.155	0.0	1.3	780	4.758	4.780	0.118	0.0	1.3
570	4.796	4.815	0.156	0.0	1.2	790	4.756	4.775	0.116	0.0	1.2
580	4.797	4.785	0.157	0.0	1.1	800	4.753	4.742	0.113	0.0	1.1
590	4.798	4.767	0.158	0.0	1.1	810	4.751	4.721	0.111	0.0	1.1
600	4.799	4.772	0.159	0.0	1.2	820	4.749	4.724	0.109	0.0	1.2
610	4.798	4.804	0.158	0.0	1.3	830	4.747	4.754	0.107	0.0	1.3
620	4.795	4.822	0.155	0.0	1.3	840	4.744	4.770	0.104	0.0	1.3
630	4.792	4.797	0.152	0.0	1.1	850	4.741	4.746	0.101	0.0	1.2
640	4.790	4.766	0.150	0.0	1.1	860	4.739	4.716	0.099	0.0	1.1
650	4.788	4.756	0.148	0.0	1.1	870	4.737	4.706	0.097	0.0	1.2
660	4.786	4.774	0.146	0.0	1.2	880	4.734	4.723	0.094	0.0	1.3
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600 minute 10 year Summer
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2210	4.361	4.367	-0.279	0.0	0.9	2310	4.341	4.350	-0.299	0.0	0.6
2220	4.359	4.365	-0.281	0.0	0.8	2320	4.339	4.348	-0.301	0.0	0.6
2230	4.356	4.362	-0.284	0.0	0.8	2330	4.337	4.346	-0.303	0.0	0.6
2240	4.354	4.360	-0.286	0.0	0.8	2340	4.335	4.344	-0.305	0.0	0.6
2250	4.352	4.357	-0.288	0.0	0.7	2350	4.334	4.342	-0.306	0.0	0.6
2260	4.350	4.355	-0.290	0.0	0.7	2360	4.332	4.340	-0.308	0.0	0.5
2270	4.348	4.353	-0.292	0.0	0.7	2370	4.331	4.338	-0.309	0.0	0.5
2280	4.346	4.351	-0.294	0.0	0.7	2380	4.329	4.336	-0.311	0.0	0.5
2290	4.344	4.349	-0.296	0.0	0.7	2390	4.328	4.334	-0.312	0.0	0.5
2300	4.342	4.353	-0.298	0.0	0.7	2400	4.326	4.333	-0.314	0.0	0.5