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Victoria Court 22 St Pancras West Sussex PO19 7GD	34 Hurst Road, Hassocks Surface Water Drainage Design Simulation Rev03	
Date Nov 25	Designed by JS	
File COMBINED ATTENUATION ...	Checked by	
Elstree Computing Ltd	Network W.12.6	

Flows and Levels for Pipe 1.004 US/MH RAIN GARDEN (Storm)
960 minute 100 year winter
Average Rainfall Intensity 5.233 mm/hr

Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total O/F (l/s)	Velocity (m/s)	Pipe Flow (l/s)
16	63.100	63.096	-0.110	0.0	0.0	0.0
32	63.100	63.096	-0.110	0.0	0.0	0.0
48	63.101	63.096	-0.109	0.0	0.0	0.0
64	63.102	63.096	-0.108	0.0	0.0	0.0
80	63.106	63.096	-0.104	0.0	0.0	0.0
96	63.111	63.096	-0.099	0.0	0.0	0.0
112	63.118	63.096	-0.092	0.0	0.0	0.0
128	63.125	63.096	-0.085	0.0	0.0	0.0
144	63.134	63.096	-0.076	0.0	0.0	0.0
160	63.142	63.096	-0.068	0.0	0.0	0.0
176	63.149	63.096	-0.061	0.0	0.0	0.0
192	63.155	63.096	-0.055	0.0	0.0	0.0
208	63.163	63.096	-0.047	0.0	0.0	0.0
224	63.172	63.096	-0.038	0.0	0.0	0.0
240	63.184	63.096	-0.026	0.0	0.0	0.0
256	63.196	63.096	-0.014	0.0	0.0	0.0
272	63.210	63.096	0.000	0.0	0.0	0.0
288	63.225	63.096	0.015	0.0	0.0	0.0
304	63.242	63.096	0.032	0.0	0.0	0.0
320	63.251	63.096	0.041	0.0	0.0	0.0
336	63.252	63.096	0.042	0.0	0.0	0.0
352	63.255	63.096	0.045	0.0	0.0	0.0
368	63.261	63.096	0.051	0.0	0.0	0.0
384	63.264	63.096	0.054	0.0	0.0	0.0
400	63.259	63.096	0.049	0.0	0.0	0.0
416	63.263	63.096	0.053	0.0	0.0	0.0
432	63.275	63.096	0.065	0.0	0.0	0.0
448	63.295	63.096	0.085	0.0	0.0	0.0
464	63.322	63.096	0.112	0.0	0.0	0.0
480	63.353	63.096	0.143	0.0	0.1	0.0
496	63.384	63.096	0.174	0.0	0.1	0.0
512	63.411	63.096	0.201	0.0	0.1	0.0
528	63.435	63.096	0.225	0.0	0.1	0.0
544	63.458	63.096	0.248	0.0	0.1	0.0
560	63.478	63.096	0.268	0.0	0.1	0.0
576	63.497	63.096	0.287	0.0	0.1	0.0
592	63.514	63.096	0.304	0.0	0.1	0.0
608	63.529	63.096	0.319	0.0	0.1	0.0
624	63.543	63.096	0.333	0.0	0.1	0.0
640	63.555	63.096	0.345	0.0	0.1	0.0
656	63.566	63.096	0.356	0.0	0.1	0.0
672	63.575	63.096	0.365	0.0	0.1	0.0
688	63.583	63.096	0.373	0.0	0.1	0.0
704	63.590	63.096	0.380	0.0	0.1	0.0
720	63.596	63.096	0.386	0.0	0.1	0.0
736	63.601	63.096	0.391	0.0	0.1	0.0
752	63.606	63.096	0.396	0.0	0.1	0.0
768	63.610	63.096	0.400	0.0	0.1	0.0
784	63.613	63.096	0.403	0.0	0.1	0.0
800	63.616	63.096	0.406	0.0	0.1	0.0

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Time (mins)	Upstream Level (m)	Downstream Level (m)	Surcharged Depth (m)	Total (l/s)	O/F Velocity (m/s)	Pipe Flow (l/s)
816	63.619	63.096	0.409	0.0	0.1	0.0
832	63.621	63.096	0.411	0.0	0.1	0.0
848	63.624	63.096	0.414	0.0	0.1	0.0
864	63.626	63.096	0.416	0.0	0.1	0.0
880	63.629	63.096	0.419	0.0	0.1	0.0
896	63.631	63.096	0.421	0.0	0.1	0.0
912	63.633	63.096	0.423	0.0	0.1	0.0
928	63.635	63.096	0.425	0.0	0.1	0.0
944	63.636	63.096	0.426	0.0	0.1	0.0
960	63.637	63.096	0.427	0.0	0.1	0.0
976	63.636	63.096	0.426	0.0	0.1	0.0
992	63.634	63.096	0.424	0.0	0.1	0.0
1008	63.631	63.096	0.421	0.0	0.1	0.0
1024	63.628	63.096	0.418	0.0	0.1	0.0
1040	63.624	63.096	0.414	0.0	0.1	0.0
1056	63.621	63.096	0.411	0.0	0.1	0.0
1072	63.618	63.096	0.408	0.0	0.1	0.0
1088	63.615	63.096	0.405	0.0	0.1	0.0
1104	63.612	63.096	0.402	0.0	0.1	0.0
1120	63.609	63.096	0.399	0.0	0.1	0.0
1136	63.606	63.096	0.396	0.0	0.1	0.0
1152	63.604	63.096	0.394	0.0	0.1	0.0
1168	63.601	63.096	0.391	0.0	0.1	0.0
1184	63.598	63.096	0.388	0.0	0.1	0.0
1200	63.595	63.096	0.385	0.0	0.1	0.0
1216	63.593	63.096	0.383	0.0	0.1	0.0
1232	63.591	63.096	0.381	0.0	0.1	0.0
1248	63.589	63.096	0.379	0.0	0.1	0.0
1264	63.587	63.096	0.377	0.0	0.1	0.0
1280	63.584	63.096	0.374	0.0	0.1	0.0
1296	63.582	63.096	0.372	0.0	0.1	0.0
1312	63.580	63.096	0.370	0.0	0.1	0.0
1328	63.577	63.096	0.367	0.0	0.1	0.0
1344	63.575	63.096	0.365	0.0	0.1	0.0
1360	63.573	63.096	0.363	0.0	0.1	0.0
1376	63.570	63.096	0.360	0.0	0.1	0.0
1392	63.568	63.096	0.358	0.0	0.1	0.0
1408	63.566	63.096	0.356	0.0	0.1	0.0
1424	63.563	63.096	0.353	0.0	0.1	0.0
1440	63.561	63.096	0.351	0.0	0.1	0.0
1456	63.559	63.096	0.349	0.0	0.1	0.0
1472	63.556	63.096	0.346	0.0	0.1	0.0
1488	63.554	63.096	0.344	0.0	0.1	0.0
1504	63.552	63.096	0.342	0.0	0.1	0.0
1520	63.549	63.096	0.339	0.0	0.1	0.0
1536	63.547	63.096	0.337	0.0	0.1	0.0
1552	63.545	63.096	0.335	0.0	0.1	0.0
1568	63.542	63.096	0.332	0.0	0.1	0.0
1584	63.540	63.096	0.330	0.0	0.1	0.0
1600	63.538	63.096	0.328	0.0	0.1	0.0

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1616	63.535	63.096	0.325	0.0	0.1	0.0
1632	63.533	63.096	0.323	0.0	0.1	0.0
1648	63.531	63.096	0.321	0.0	0.1	0.0
1664	63.529	63.096	0.319	0.0	0.1	0.0
1680	63.526	63.096	0.316	0.0	0.1	0.0
1696	63.524	63.096	0.314	0.0	0.1	0.0
1712	63.522	63.096	0.312	0.0	0.1	0.0
1728	63.519	63.096	0.309	0.0	0.1	0.0
1744	63.517	63.096	0.307	0.0	0.1	0.0
1760	63.515	63.096	0.305	0.0	0.1	0.0
1776	63.513	63.096	0.303	0.0	0.1	0.0
1792	63.510	63.096	0.300	0.0	0.1	0.0
1808	63.508	63.096	0.298	0.0	0.1	0.0
1824	63.506	63.096	0.296	0.0	0.1	0.0
1840	63.504	63.096	0.294	0.0	0.1	0.0
1856	63.501	63.096	0.291	0.0	0.1	0.0
1872	63.499	63.096	0.289	0.0	0.1	0.0
1888	63.497	63.096	0.287	0.0	0.1	0.0
1904	63.495	63.096	0.285	0.0	0.1	0.0
1920	63.492	63.096	0.282	0.0	0.1	0.0