

Travis Baker		Page 1
Trinity Point New Road Halesowen West Midlands B63 3HY	HIGHAM ON THE HILL STORM 100YR +40%	
Date 03.01.24 File STORM 03.01.24.MDX	Designed by GE Checked by	
Micro Drainage	Network 2016.1	

100 year Return Period Summary of Critical Results by Maximum Level (Rank 1) for HIGHAM STORM.SWS

PN	US/MH Name	Surcharged Flooded		Flow / Cap.	Overflow (l/s)	Pipe Flow (l/s)	Status	Level Exceeded
		Depth (m)	Volume (m³)					
1.000	1	1.613	0.000	1.03		54.1	FLOOD RISK	
1.001	2	1.575	0.000	1.50		97.7	FLOOD RISK	
1.002	3	1.438	0.000	2.26		150.3	SURCHARGED	
1.003	4	0.869	0.000	2.92		180.2	SURCHARGED	
2.000	19	0.847	0.000	1.63		106.9	SURCHARGED	
2.001	20	-0.122	0.000	0.64		143.0	OK	
1.004	5	0.336	0.000	1.14		324.1	SURCHARGED	
1.005	6	0.227	0.000	1.28		368.6	SURCHARGED	
1.006	7	-0.262	0.000	0.48		432.2	OK	
1.007	8	0.421	0.000	1.10		466.6	SURCHARGED	
1.008	9	0.596	0.000	0.46		74.0	SURCHARGED	
1.009	POND	0.232	0.000	0.18		68.6	SURCHARGED	
1.010	11	0.264	0.000	0.07		39.7	SURCHARGED	
3.000	21	-0.153	0.000	0.22		24.9	OK	
4.000	23	-0.136	0.000	0.33		39.2	OK	
3.001	22	-0.094	0.000	0.63		72.6	OK	
1.011	12	0.991	0.000	0.25		9.4	SURCHARGED	

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1) for HIGHAM STORM.SWS

									Water	
PN	US/MH			Return	Climate	First (X)	First (Y)	First (Z)	Overflow	Level
	Name	Storm		Period	Change	Surcharge	Flood	Overflow	Act.	(m)
1.012	13	480	Summer	100	+40%					106.735
1.013	14	1440	Summer	100	+40%					106.311
1.014	15	5760	Summer	100	+40%					106.090
1.015	16	5760	Summer	100	+40%					105.696
1.016	17	5760	Summer	100	+40%					104.422

US/MH		Surcharged	Flooded	Pipe		Level	
PN	Name	Depth (m)	Volume (m³)	Flow / Cap.	Overflow (l/s)	Pipe Flow (l/s)	Status Exceeded
1.012	13	-0.150	0.000	0.24		9.4	OK
1.013	14	-0.149	0.000	0.25		9.4	OK
1.014	15	-0.150	0.000	0.24		9.4	OK
1.015	16	-0.170	0.000	0.14		9.4	OK
1.016	17	-0.149	0.000	0.25		9.4	OK