

ABMH		Page 1
1 The Grove Felpham West Sussex PO22 7EY	Woodcroft SW Design	
Date 07/08/2019 13:17 File FC2789 Woodcroft- sw de...	Designed by mh Checked by	
Micro Drainage Network 2017.1.2		
<u>Simulation Criteria for Storm</u> Volumetric Runoff Coeff 0.840 Foul Sewage per hectare (l/s) 0.000 Areal Reduction Factor 1.000 Additional Flow - % of Total Flow 40.000 Hot Start (mins) 0 MADD Factor * 10m³/ha Storage 2.000 Hot Start Level (mm) 0 Run Time (mins) 120 Manhole Headloss Coeff (Global) 0.500 Output Interval (mins) 2 Number of Input Hydrographs 0 Number of Storage Structures 1 Number of Online Controls 2 Number of Time/Area Diagrams 0 Number of Offline Controls 1 <u>Synthetic Rainfall Details</u> Rainfall Model FSR Profile Type Winter Return Period (years) 100 Cv (Summer) 0.750 Region England and Wales Cv (Winter) 0.840 M5-60 (mm) 19.400 Storm Duration (mins) 60 Ratio R 0.350		
©1982-2017 XP Solutions		

ABMH		Page 2
1 The Grove Felpham West Sussex PO22 7EY	Woodcroft SW Design	
Date 07/08/2019 13:17 File FC2789 Woodcroft- sw de...	Designed by mh Checked by	
Micro Drainage	Network 2017.1.2	

Summary of Results for 60 minute 100 year Winter (Storm)

Margin for Flood Risk Warning (mm) 300.0 DVD Status OFF
 Analysis Timestep Fine Inertia Status OFF
 DTS Status ON

		Water	Surcharged	Flooded		Pipe		
	US/MH	Level	Depth	Volume	Flow /	Overflow	Pipe	
PN	Name	(m)	(m)	(m³)	Cap.	(l/s)	Flow	
							Status	
1.000	SWS13	67.216	-0.034	0.000	0.96		15.9	OK
1.001	SWS12	67.003	-0.071	0.000	0.55		21.9	OK
1.002	SWS11	65.720	-0.155	0.000	0.21		21.9	OK
2.000	SWS10.1	65.400	-0.125	0.000	0.41		28.3	OK
1.003	SWS10	64.812	-0.129	0.000	0.62		62.2	OK
1.004	SWS9	64.561	-0.093	0.000	0.81		62.0	OK
1.005	SWS8	63.904	-0.206	0.000	0.12		104.3	OK
3.000	Dummy	63.668	0.510	0.000	0.00		0.1	SURCHARGED
3.001	SW7.3	63.668	0.514	0.000	0.11		9.4	SURCHARGED
3.002	SW7.1	63.888	0.013	0.000	0.02	125.7	9.8	SURCHARGED
1.006	SWS7	63.901	-0.169	0.000	0.08		56.0	OK
1.007	SWS6	63.905	-0.155	0.000	0.08		44.4	OK
4.000	SWS5.1	65.309	-0.166	0.000	0.15		17.2	OK
1.008	SWS5	63.909	-0.137	0.000	0.09		74.5	OK
1.009	SWS4	63.913	0.105	0.000	0.12		78.8	SURCHARGED
1.010	SWS3	63.910	0.858	0.000	0.47		29.8	SURCHARGED
1.011	SWS2	62.802	-0.186	0.000	0.31		29.8	OK