

Keytech Development Design Ltd		Page 1
46 Sandbach Road Congleton Cheshire CW12 4LW	WOODHOUSE LANE SURFACE WATER HYDRAULIC CALCS	
Date 15/07/2021	Designed by GB	
File network16-07-21.MDX	Checked by	
XP Solutions	Network 2014.1.1	

Summary of Results for 120 minute 100 year Winter (Storm)

Margin for Flood Risk Warning (mm) 100.0
 Analysis Timestep 2.5 Second Increment (Extended)
 DTS Status ON
 DVD Status ON
 Inertia Status ON

		Water	Surcharged	Flooded			Pipe	
PN	US/MH Name	Level (m)	Depth (m)	Volume (m³)	Flow / Cap.	Overflow (l/s)	Flow (l/s)	Status
1.000	1	284.722	-0.128	0.000	0.05	0.0	0.7	OK
1.001	2	284.685	-0.115	0.000	0.13	0.0	2.0	OK
1.002	3	284.612	-0.123	0.000	0.08	0.0	2.6	OK
2.000	4	284.640	-0.115	0.000	0.12	0.0	1.8	OK
2.001	5	284.579	-0.121	0.000	0.08	0.0	2.7	OK
1.003	6	284.331	0.291	0.000	0.19	0.0	3.6	SURCHARGED
3.000	7	284.467	-0.133	0.000	0.03	0.0	0.5	OK
3.001	8	284.364	-0.136	0.000	0.02	0.0	0.5	OK
3.002	9	284.329	0.129	0.000	0.06	0.0	1.7	SURCHARGED
1.004	10	284.328	0.378	0.000	0.29	0.0	4.1	SURCHARGED
1.005	11	284.326	0.426	0.000	0.24	0.0	5.0	SURCHARGED
1.006	12	284.321	0.571	0.000	0.09	0.0	2.0	FLOOD RISK
1.007	13	283.420	-0.130	0.000	0.04	0.0	2.0	OK