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Summary of Results for 100 year Return Period (+40%) Half Drain Time : 256 minutes. <table><thead><tr><th>Storm Event</th><th>Max Level (m)</th><th>Max Depth (m)</th><th>Max Infiltration (l/s)</th><th>Max Volume (m³)</th><th>Status</th></tr></thead><tbody><tr><td>15 min Summer</td><td>44.599</td><td>0.799</td><td>0.5</td><td>19.0</td><td>O K</td></tr><tr><td>30 min Summer</td><td>45.383</td><td>1.583</td><td>2.0</td><td>23.8</td><td>O K</td></tr><tr><td>60 min Summer</td><td>45.510</td><td>1.710</td><td>2.0</td><td>28.4</td><td>O K</td></tr><tr><td>120 min Summer</td><td>45.588</td><td>1.788</td><td>2.0</td><td>31.2</td><td>O K</td></tr><tr><td>180 min Summer</td><td>45.612</td><td>1.812</td><td>2.0</td><td>32.1</td><td>O K</td></tr><tr><td>240 min Summer</td><td>45.620</td><td>1.820</td><td>2.0</td><td>32.3</td><td>O K</td></tr><tr><td>360 min Summer</td><td>45.607</td><td>1.807</td><td>2.0</td><td>31.9</td><td>O K</td></tr><tr><td>480 min 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The Stables High Cogges, Witney Oxfordshire		Cellular Soakaway 2 Silver Street Reading			
Date 22/02/2018 File CELLULAR SOAKAWAY 2 +		Designed by MBD Checked by DJ			
Micro Drainage		Source Control 2017.1.2			
Summary of Results for 100 year Return Period (+40%)					
Storm Event	Max Level (m)	Max Depth (m)	Max Infiltration (l/s)	Max Volume (m³)	Status
30 min Winter	45.470	1.670	2.0	26.9	O K
60 min Winter	45.618	1.818	2.0	32.3	O K
120 min Winter	45.721	1.921	2.0	36.0	O K
180 min Winter	45.738	1.938	2.0	36.6	O K
240 min Winter	45.740	1.940	2.0	36.7	O K
360 min Winter	45.710	1.910	2.0	35.6	O K
480 min Winter	45.665	1.865	2.0	34.0	O K
600 min Winter	45.614	1.814	2.0	32.1	O K
720 min Winter	45.561	1.761	2.0	30.2	O K
960 min Winter	45.460	1.660	2.0	26.6	O K
1440 min Winter	45.319	1.519	2.0	21.5	O K
2160 min Winter	45.285	1.485	1.6	20.3	O K
2880 min Winter	45.274	1.474	1.2	19.9	O K
4320 min Winter	45.261	1.461	0.8	19.4	O K
5760 min Winter	44.559	0.759	0.5	18.0	O K
7200 min Winter	44.375	0.575	0.5	13.7	O K
8640 min Winter	44.226	0.426	0.4	10.1	O K
10080 min Winter	44.104	0.304	0.4	7.2	O K
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Time-Peak (mins)		
30 min Winter	84.360	0.0	32		
60 min Winter	52.892	0.0	60		
120 min Winter	32.091	0.0	116		
180 min Winter	23.662	0.0	164		
240 min Winter	18.958	0.0	186		
360 min Winter	13.760	0.0	262		
480 min Winter	10.974	0.0	336		
600 min Winter	9.199	0.0	406		
720 min Winter	7.961	0.0	472		
960 min Winter	6.333	0.0	596		
1440 min Winter	4.580	0.0	794		
2160 min Winter	3.307	0.0	1128		
2880 min Winter	2.622	0.0	1504		
4320 min Winter	1.888	0.0	2376		
5760 min Winter	1.494	0.0	3512		
7200 min Winter	1.245	0.0	4256		
8640 min Winter	1.073	0.0	5016		
10080 min Winter	0.946	0.0	5744		
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