

Paul Basham Associates				Page 1																																																																																																																																																																																																																			
Lancaster Court Fareham Hampshire, PO15 5TU		03																																																																																																																																																																																																																					
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<p>Summary of Results for 100 year Return Period (+30%)</p> <p>Half Drain Time : 29 minutes.</p> <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>-1.337</td><td>0.663</td><td>0.7</td><td>1.5</td><td>O K</td></tr><tr><td>30 min Summer</td><td>-1.229</td><td>0.771</td><td>0.8</td><td>1.7</td><td>O K</td></tr><tr><td>60 min Summer</td><td>-1.192</td><td>0.808</td><td>0.8</td><td>1.8</td><td>O K</td></tr><tr><td>120 min Summer</td><td>-1.249</td><td>0.751</td><td>0.8</td><td>1.7</td><td>O K</td></tr><tr><td>180 min Summer</td><td>-1.328</td><td>0.672</td><td>0.7</td><td>1.5</td><td>O K</td></tr><tr><td>240 min Summer</td><td>-1.403</td><td>0.597</td><td>0.7</td><td>1.3</td><td>O K</td></tr><tr><td>360 min Summer</td><td>-1.526</td><td>0.474</td><td>0.6</td><td>1.1</td><td>O K</td></tr><tr><td>480 min Summer</td><td>-1.619</td><td>0.381</td><td>0.5</td><td>0.9</td><td>O K</td></tr><tr><td>600 min Summer</td><td>-1.692</td><td>0.308</td><td>0.5</td><td>0.7</td><td>O K</td></tr><tr><td>720 min Summer</td><td>-1.752</td><td>0.248</td><td>0.5</td><td>0.6</td><td>O K</td></tr><tr><td>960 min Summer</td><td>-1.840</td><td>0.160</td><td>0.4</td><td>0.4</td><td>O K</td></tr><tr><td>1440 min Summer</td><td>-1.937</td><td>0.063</td><td>0.3</td><td>0.1</td><td>O K</td></tr><tr><td>2160 min Summer</td><td>-1.961</td><td>0.039</td><td>0.3</td><td>0.1</td><td>O K</td></tr><tr><td>2880 min Summer</td><td>-1.969</td><td>0.031</td><td>0.2</td><td>0.1</td><td>O K</td></tr><tr><td>4320 min Summer</td><td>-1.977</td><td>0.023</td><td>0.1</td><td>0.1</td><td>O K</td></tr><tr><td>5760 min Summer</td><td>-1.982</td><td>0.018</td><td>0.1</td><td>0.0</td><td>O K</td></tr><tr><td>7200 min Summer</td><td>-1.985</td><td>0.015</td><td>0.1</td><td>0.0</td><td>O K</td></tr><tr><td>8640 min 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Summer	-1.229	0.771	0.8	1.7	O K	60 min Summer	-1.192	0.808	0.8	1.8	O K	120 min Summer	-1.249	0.751	0.8	1.7	O K	180 min Summer	-1.328	0.672	0.7	1.5	O K	240 min Summer	-1.403	0.597	0.7	1.3	O K	360 min Summer	-1.526	0.474	0.6	1.1	O K	480 min Summer	-1.619	0.381	0.5	0.9	O K	600 min Summer	-1.692	0.308	0.5	0.7	O K	720 min Summer	-1.752	0.248	0.5	0.6	O K	960 min Summer	-1.840	0.160	0.4	0.4	O K	1440 min Summer	-1.937	0.063	0.3	0.1	O K	2160 min Summer	-1.961	0.039	0.3	0.1	O K	2880 min Summer	-1.969	0.031	0.2	0.1	O K	4320 min Summer	-1.977	0.023	0.1	0.1	O K	5760 min Summer	-1.982	0.018	0.1	0.0	O K	7200 min Summer	-1.985	0.015	0.1	0.0	O K	8640 min Summer	-1.987	0.013	0.1	0.0	O K	10080 min Summer	-1.988	0.012	0.1	0.0	O K	15 min Winter	-1.244	0.756	0.8	1.7	O K	Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Time-Peak (mins)	15 min Summer	115.731	0.0	16	30 min Summer	77.804	0.0	25	60 min Summer	49.937	0.0	42	120 min Summer	30.956	0.0	76	180 min Summer	23.058	0.0	110	240 min Summer	18.577	0.0	142	360 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Date 29/04/2019		Designed by JB			
File 03 Plots 10-11. lin100 ...		Checked by AS			
Innovyze		Source Control 2018.1.1			
Summary of Results for 100 year Return Period (+30%)					
Storm Event	Max Level (m)	Max Depth (m)	Max Infiltration (l/s)	Max Volume (m³)	Status
30 min Winter	-1.122	0.878	0.9	2.0	O K
60 min Winter	-1.095	0.905	0.9	2.0	O K
120 min Winter	-1.199	0.801	0.8	1.8	O K
180 min Winter	-1.318	0.682	0.7	1.5	O K
240 min Winter	-1.423	0.577	0.7	1.3	O K
360 min Winter	-1.584	0.416	0.6	0.9	O K
480 min Winter	-1.698	0.302	0.5	0.7	O K
600 min Winter	-1.783	0.217	0.4	0.5	O K
720 min Winter	-1.848	0.152	0.4	0.3	O K
960 min Winter	-1.936	0.064	0.3	0.1	O K
1440 min Winter	-1.961	0.039	0.3	0.1	O K
2160 min Winter	-1.972	0.028	0.2	0.1	O K
2880 min Winter	-1.977	0.023	0.1	0.1	O K
4320 min Winter	-1.983	0.017	0.1	0.0	O K
5760 min Winter	-1.987	0.013	0.1	0.0	O K
7200 min Winter	-1.989	0.011	0.1	0.0	O K
8640 min Winter	-1.990	0.010	0.1	0.0	O K
10080 min Winter	-1.991	0.009	0.1	0.0	O K
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Time-Peak (mins)		
30 min Winter	77.804	0.0	26		
60 min Winter	49.937	0.0	44		
120 min Winter	30.956	0.0	82		
180 min Winter	23.058	0.0	116		
240 min Winter	18.577	0.0	148		
360 min Winter	13.656	0.0	212		
480 min Winter	10.974	0.0	276		
600 min Winter	9.254	0.0	336		
720 min Winter	8.046	0.0	396		
960 min Winter	6.447	0.0	504		
1440 min Winter	4.709	0.0	716		
2160 min Winter	3.432	0.0	1064		
2880 min Winter	2.739	0.0	1432		
4320 min Winter	1.989	0.0	2152		
5760 min Winter	1.583	0.0	2904		
7200 min Winter	1.325	0.0	3608		
8640 min Winter	1.147	0.0	4376		
10080 min Winter	1.015	0.0	5120		
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