

Paul Basham Associates				Page 1																																																																																																																																																																																																																			
Lancaster Court Fareham Hampshire, PO15 5TU		TRENCH SA 06																																																																																																																																																																																																																					
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<p>Summary of Results for 10 year Return Period (+30%)</p> <p>Half Drain Time : 265 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>-1.217</td><td>0.283</td><td>0.1</td><td>1.5</td><td>O K</td></tr><tr><td>30 min Summer</td><td>-1.135</td><td>0.365</td><td>0.1</td><td>2.0</td><td>O K</td></tr><tr><td>60 min Summer</td><td>-1.057</td><td>0.443</td><td>0.1</td><td>2.4</td><td>O K</td></tr><tr><td>120 min Summer</td><td>-0.994</td><td>0.506</td><td>0.1</td><td>2.7</td><td>O K</td></tr><tr><td>180 min Summer</td><td>-0.974</td><td>0.526</td><td>0.1</td><td>2.8</td><td>O K</td></tr><tr><td>240 min Summer</td><td>-0.968</td><td>0.532</td><td>0.1</td><td>2.9</td><td>O K</td></tr><tr><td>360 min Summer</td><td>-0.965</td><td>0.535</td><td>0.1</td><td>2.9</td><td>O K</td></tr><tr><td>480 min 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Summer	-1.135	0.365	0.1	2.0	O K	60 min Summer	-1.057	0.443	0.1	2.4	O K	120 min Summer	-0.994	0.506	0.1	2.7	O K	180 min Summer	-0.974	0.526	0.1	2.8	O K	240 min Summer	-0.968	0.532	0.1	2.9	O K	360 min Summer	-0.965	0.535	0.1	2.9	O K	480 min Summer	-0.970	0.530	0.1	2.9	O K	600 min Summer	-0.978	0.522	0.1	2.8	O K	720 min Summer	-0.989	0.511	0.1	2.8	O K	960 min Summer	-1.012	0.488	0.1	2.6	O K	1440 min Summer	-1.058	0.442	0.1	2.4	O K	2160 min Summer	-1.122	0.378	0.1	2.0	O K	2880 min Summer	-1.177	0.323	0.1	1.7	O K	4320 min Summer	-1.266	0.234	0.1	1.3	O K	5760 min Summer	-1.331	0.169	0.1	0.9	O K	7200 min Summer	-1.380	0.120	0.1	0.6	O K	8640 min Summer	-1.415	0.085	0.1	0.5	O K	10080 min Summer	-1.439	0.061	0.1	0.3	O K	15 min Winter	-1.182	0.318	0.1	1.7	O K	Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Time-Peak (mins)	15 min Summer	70.770	0.0	18	30 min Summer	46.698	0.0	33	60 min Summer	29.629	0.0	62	120 min Summer	18.344	0.0	122	180 min Summer	13.747	0.0	178	240 min Summer	11.169	0.0	206	360 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File Plots 22-23. lin10 plus...		Checked by RW			
Innovyze		Source Control 2018.1.1			
Summary of Results for 10 year Return Period (+30%)					
Storm Event	Max Level (m)	Max Depth (m)	Max Infiltration (l/s)	Max Volume (m³)	Status
30 min Winter	-1.089	0.411	0.1	2.2	O K
60 min Winter	-0.999	0.501	0.1	2.7	O K
120 min Winter	-0.924	0.576	0.1	3.1	O K
180 min Winter	-0.896	0.604	0.1	3.3	O K
240 min Winter	-0.888	0.612	0.1	3.3	O K
360 min Winter	-0.888	0.612	0.1	3.3	O K
480 min Winter	-0.895	0.605	0.1	3.3	O K
600 min Winter	-0.909	0.591	0.1	3.2	O K
720 min Winter	-0.926	0.574	0.1	3.1	O K
960 min Winter	-0.962	0.538	0.1	2.9	O K
1440 min Winter	-1.034	0.466	0.1	2.5	O K
2160 min Winter	-1.129	0.371	0.1	2.0	O K
2880 min Winter	-1.207	0.293	0.1	1.6	O K
4320 min Winter	-1.324	0.176	0.1	1.0	O K
5760 min Winter	-1.403	0.097	0.1	0.5	O K
7200 min Winter	-1.449	0.051	0.1	0.3	O K
8640 min Winter	-1.456	0.044	0.1	0.2	O K
10080 min Winter	-1.460	0.040	0.1	0.2	O K
Storm Event	Rain (mm/hr)		Flooded Volume (m³)	Time-Peak (mins)	
30 min Winter	46.698		0.0	32	
60 min Winter	29.629		0.0	62	
120 min Winter	18.344		0.0	118	
180 min Winter	13.747		0.0	174	
240 min Winter	11.169		0.0	226	
360 min Winter	8.317		0.0	282	
480 min Winter	6.743		0.0	360	
600 min Winter	5.728		0.0	438	
720 min Winter	5.011		0.0	514	
960 min Winter	4.057		0.0	664	
1440 min Winter	3.009		0.0	952	
2160 min Winter	2.231		0.0	1360	
2880 min Winter	1.803		0.0	1756	
4320 min Winter	1.335		0.0	2504	
5760 min Winter	1.078		0.0	3176	
7200 min Winter	0.913		0.0	3744	
8640 min Winter	0.798		0.0	4408	
10080 min Winter	0.711		0.0	5080	
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