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<u>Summary of Results for 100 year Return Period (+40%)</u> Half Drain Time : 610 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>43.454</td><td>0.654</td><td>0.9</td><td>31.0</td><td>O K</td></tr><tr><td>30 min Summer</td><td>43.649</td><td>0.849</td><td>0.9</td><td>40.3</td><td>O K</td></tr><tr><td>60 min Summer</td><td>43.842</td><td>1.042</td><td>1.0</td><td>49.5</td><td>O K</td></tr><tr><td>120 min Summer</td><td>44.014</td><td>1.214</td><td>1.1</td><td>57.6</td><td>O K</td></tr><tr><td>180 min Summer</td><td>44.091</td><td>1.291</td><td>1.1</td><td>61.3</td><td>O K</td></tr><tr><td>240 min Summer</td><td>44.127</td><td>1.327</td><td>1.1</td><td>63.0</td><td>O K</td></tr><tr><td>360 min Summer</td><td>44.138</td><td>1.338</td><td>1.1</td><td>63.6</td><td>O K</td></tr><tr><td>480 min 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Volume (m³)	Status	15 min Summer	43.454	0.654	0.9	31.0	O K	30 min Summer	43.649	0.849	0.9	40.3	O K	60 min Summer	43.842	1.042	1.0	49.5	O K	120 min Summer	44.014	1.214	1.1	57.6	O K	180 min Summer	44.091	1.291	1.1	61.3	O K	240 min Summer	44.127	1.327	1.1	63.0	O K	360 min Summer	44.138	1.338	1.1	63.6	O K	480 min Summer	44.124	1.324	1.1	62.9	O K	600 min Summer	44.104	1.304	1.1	61.9	O K	720 min Summer	44.082	1.282	1.1	60.9	O K	960 min Summer	44.035	1.235	1.1	58.7	O K	1440 min Summer	43.945	1.145	1.0	54.4	O K	2160 min Summer	43.828	1.028	1.0	48.8	O K	2880 min Summer	43.723	0.923	1.0	43.8	O K	4320 min Summer	43.539	0.739	0.9	35.1	O K	5760 min Summer	43.388	0.588	0.8	27.9	O K	7200 min Summer	43.262	0.462	0.8	21.9	O K	8640 min Summer	43.158	0.358	0.8	17.0	O K	10080 min Summer	43.072	0.272	0.7	12.9	O K	15 min Winter	43.533	0.733	0.9	34.8	O K	Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Time-Peak (mins)	15 min Summer	128.336	0.0	19	30 min Summer	84.360	0.0	34	60 min Summer	52.892	0.0	64	120 min 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Date 22/02/2018 File CELLULAR SOAKAWAY 1.SRCX		Designed by MBD Checked by DJ			
Micro Drainage		Source Control 2017.1.2			
<u>Summary of Results for 100 year Return Period (+40%)</u>					
Storm Event	Max Level (m)	Max Depth (m)	Max Infiltration (l/s)	Max Volume (m³)	Status
30 min Winter	43.755	0.955	1.0	45.3	O K
60 min Winter	43.973	1.173	1.0	55.7	O K
120 min Winter	44.173	1.373	1.1	65.2	O K
180 min Winter	44.266	1.466	1.1	69.6	O K
240 min Winter	44.313	1.513	1.2	71.9	O K
360 min Winter	44.341	1.541	1.2	73.2	O K
480 min Winter	44.336	1.536	1.2	73.0	O K
600 min Winter	44.312	1.512	1.2	71.8	O K
720 min Winter	44.284	1.484	1.1	70.5	O K
960 min Winter	44.230	1.430	1.1	67.9	O K
1440 min Winter	44.106	1.306	1.1	62.1	O K
2160 min Winter	43.936	1.136	1.0	54.0	O K
2880 min Winter	43.783	0.983	1.0	46.7	O K
4320 min Winter	43.522	0.722	0.9	34.3	O K
5760 min Winter	43.314	0.514	0.8	24.4	O K
7200 min Winter	43.148	0.348	0.7	16.5	O K
8640 min Winter	43.017	0.217	0.7	10.3	O K
10080 min Winter	42.918	0.118	0.7	5.6	O K
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Time-Peak (mins)		
30 min Winter	84.360	0.0	33		
60 min Winter	52.892	0.0	62		
120 min Winter	32.091	0.0	120		
180 min Winter	23.662	0.0	178		
240 min Winter	18.958	0.0	236		
360 min Winter	13.760	0.0	348		
480 min Winter	10.974	0.0	458		
600 min Winter	9.199	0.0	558		
720 min Winter	7.961	0.0	584		
960 min Winter	6.333	0.0	732		
1440 min Winter	4.580	0.0	1040		
2160 min Winter	3.307	0.0	1492		
2880 min Winter	2.622	0.0	1908		
4320 min Winter	1.888	0.0	2724		
5760 min Winter	1.494	0.0	3512		
7200 min Winter	1.245	0.0	4248		
8640 min Winter	1.073	0.0	4928		
10080 min Winter	0.946	0.0	5544		
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Model Details Storage is Online Cover Level (m) 45.500 Cellular Storage Structure Invert Level (m) 42.800 Safety Factor 2.0 Infiltration Coefficient Base (m/hr) 0.09000 Porosity 0.95 Infiltration Coefficient Side (m/hr) 0.09000 <table><thead><tr><th>Depth (m)</th><th>Area (m²)</th><th>Inf. Area (m²)</th><th>Depth (m)</th><th>Area (m²)</th><th>Inf. Area (m²)</th></tr></thead><tbody><tr><td>0.000</td><td>50.0</td><td>50.0</td><td>1.601</td><td>0.0</td><td>95.3</td></tr><tr><td>1.600</td><td>50.0</td><td>95.3</td><td></td><td></td><td></td></tr></tbody></table>			Depth (m)	Area (m²)	Inf. Area (m²)	Depth (m)	Area (m²)	Inf. Area (m²)	0.000	50.0	50.0	1.601	0.0	95.3	1.600	50.0	95.3			
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