

### 17D070 - Surface Water Attenuation Calculation 1-100 + 20%

1	2	3	4	5	6
<i>Storm Frequency &amp; Duration</i>	<i>Rainfall</i>	<i>Rainfall Intensity</i>	<i>Potential Run-off From Developed Site</i>	<i>Allowable Run-off From Developed Site</i>	<i>Storage Requirement</i>
	<i>(mm)</i>	<i>(mm/hr)</i>	<i>(l/s)</i>	<i>(l/s)</i>	<i>(m3)</i>
M100-5 min	20.88	250.56	52.20	1.0	15.4
M100-10 min	29.16	174.96	36.45	1.0	21.3
M100-15 min	34.32	137.28	28.60	1.0	24.8
M100-30 min	42.48	84.96	17.70	1.0	30.1
M100-60 min	52.68	52.68	10.98	1.0	35.9
M100-2 hr	65.28	32.64	6.80	1.0	41.8
M100-3 hr	74.04	24.68	5.14	1.0	44.7
M100 - 4hr	81.00	20.25	4.22	1.0	46.4
<b>M100-6 hr</b>	<b>91.80</b>	<b>15.30</b>	<b>3.19</b>	<b>1.0</b>	<b>47.3</b>
M100-9 hr	104.16	11.57	2.41	1.0	45.7
M100-12 hr	113.88	9.49	1.98	1.0	42.2
M100-18 hr	129.12	7.17	1.49	1.0	32.0
M100-24 hr	141.24	5.89	1.23	1.0	19.5
M100-2day	155.04	3.23	0.67	1.0	-56.5