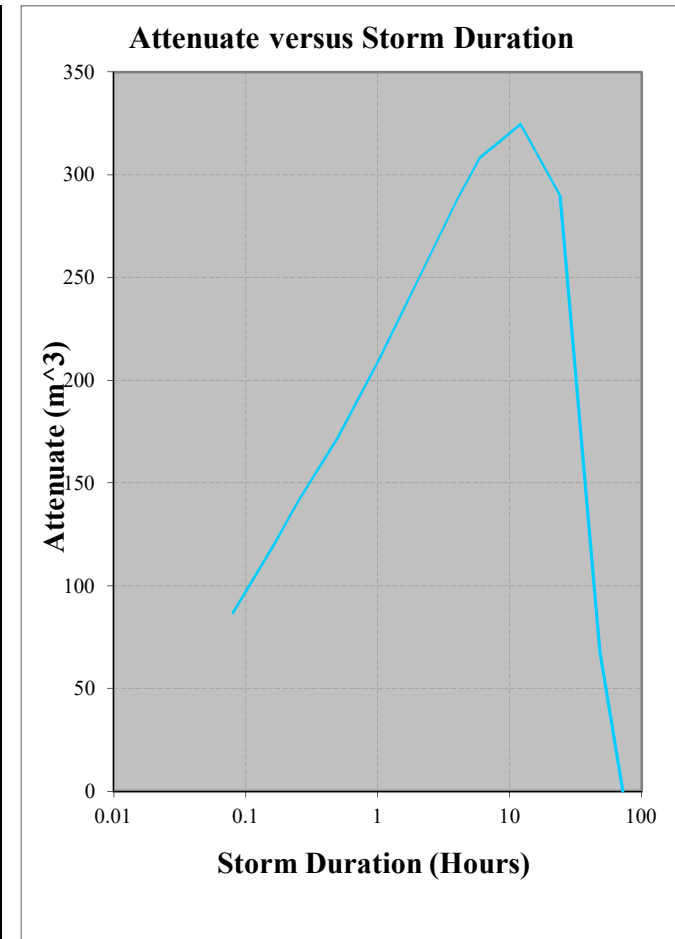




Hardstanding 1560 m² Permeable 7496 m² Grass 1585 m² Equivalent
I. Factor: 0.80 I. Factor: 0.60 I. Factor: 0.15 Impermeable Area: 5983.35 m² Attenuated Flow Rate: 3.40 l/s

Storm Duration (Hours)	Rainfall (mm)	Total Surface Water (m ³)	Allowable Discharge (m ³)	Attenuate (m ³)
0.08	14.70	87.96	0.98	86.98
0.166	20.50	122.66	2.03	120.63
0.25	24.10	144.20	3.06	141.14
0.50	29.80	178.30	6.12	172.18
1.00	36.90	220.79	12.24	208.55
2.00	45.60	272.84	24.48	248.36
4.00	56.30	336.86	48.96	287.90
6.00	63.80	381.74	73.44	308.30
12.00	78.80	471.49	146.88	324.61
24.00	97.50	583.38	293.76	289.62
48.00	109.60	655.78	587.52	68.26
72.00	119.80	716.81	881.28	0



Maximum Volume of Attenuate: 324.61 m³ Climate Change = 1.2 Required Attenuation Volume = 389.53 m³

Note: This spreadsheet calculates the Volume of Attenuate based on a Return Period of: 100 years.