

Richard Hatton Associates		Page 2
3 Drapers Way Stevenage Herts SG1 3DT		
Date 26/10/2017 13:48 File Plot 1 Area.srcx	Designed by colin Checked by	
XP Solutions		Source Control 2014.1

Summary of Results for 100 year Return Period (+20%)

Storm Event	Max Level (m)	Max Depth (m)	Max Infiltration (l/s)	Max Control (l/s)	Max Σ Outflow (l/s)	Max Volume (m ³)	Status
30 min Winter	95.840	0.000	0.0	5.7	5.7	0.0	0 K
60 min Winter	95.840	0.000	0.0	5.4	5.4	0.0	0 K
120 min Winter	95.840	0.000	0.0	4.3	4.3	0.0	0 K
180 min Winter	95.840	0.000	0.0	3.6	3.6	0.0	0 K
240 min Winter	95.840	0.000	0.0	3.0	3.0	0.0	0 K
360 min Winter	95.840	0.000	0.0	2.3	2.3	0.0	0 K
480 min Winter	95.840	0.000	0.0	1.9	1.9	0.0	0 K
600 min Winter	95.840	0.000	0.0	1.6	1.6	0.0	0 K
720 min Winter	95.840	0.000	0.0	1.4	1.4	0.0	0 K
960 min Winter	95.840	0.000	0.0	1.1	1.1	0.0	0 K
1440 min Winter	95.840	0.000	0.0	0.8	0.8	0.0	0 K
2160 min Winter	95.840	0.000	0.0	0.6	0.6	0.0	0 K
2880 min Winter	95.840	0.000	0.0	0.5	0.5	0.0	0 K
4320 min Winter	95.840	0.000	0.0	0.3	0.3	0.0	0 K
5760 min Winter	95.840	0.000	0.0	0.3	0.3	0.0	0 K
7200 min Winter	95.840	0.000	0.0	0.2	0.2	0.0	0 K
8640 min Winter	95.840	0.000	0.0	0.2	0.2	0.0	0 K
10080 min Winter	95.840	0.000	0.0	0.2	0.2	0.0	0 K

Storm Event	Rain (mm/hr)	Flooded Volume (m ³)	Discharge Volume (m ³)	Time-Peak (mins)
30 min Winter	77.988	0.0	11.3	0
60 min Winter	48.611	0.0	14.1	0
120 min Winter	29.270	0.0	17.0	0
180 min Winter	21.465	0.0	18.7	0
240 min Winter	17.123	0.0	19.9	0
360 min Winter	12.417	0.0	21.7	0
480 min Winter	9.884	0.0	23.0	0
600 min Winter	8.276	0.0	24.1	0
720 min Winter	7.154	0.0	25.0	0
960 min Winter	5.682	0.0	26.4	0
1440 min Winter	4.100	0.0	28.6	0
2160 min Winter	2.954	0.0	30.9	0
2880 min Winter	2.338	0.0	32.6	0
4320 min Winter	1.680	0.0	35.2	0
5760 min Winter	1.327	0.0	37.0	0
7200 min Winter	1.105	0.0	38.5	0
8640 min Winter	0.951	0.0	39.8	0
10080 min Winter	0.838	0.0	40.9	0