

Appendix G Rainfall Runoff Summary

Easy Flood Risk		Page 1					
55 Shepherds Lane Dartford DA1 2NL							
Date 07/05/2024 06:37 File 9 Chatsworth Ave.SRCX							
Designed by sheph Checked by							
Innovyze		Source Control 2020.1					
Summary of Results for 1 year Return Period							
Storm Event	Max Level (m)	Max Depth (m)	Max Control (l/s)	Max Overflow (l/s)	Max Outflow (l/s)	Max Volume (m³)	Status
15 min Summer	87.372	0.072	1.8	0.0	1.8	0.6	O K
30 min Summer	87.372	0.072	1.8	0.0	1.8	0.6	O K
60 min Summer	87.364	0.064	1.5	0.0	1.5	0.5	O K
120 min Summer	87.352	0.052	1.1	0.0	1.1	0.4	O K
180 min Summer	87.346	0.046	0.9	0.0	0.9	0.4	O K
240 min Summer	87.342	0.042	0.8	0.0	0.8	0.3	O K
360 min Summer	87.336	0.036	0.6	0.0	0.6	0.3	O K
480 min Summer	87.333	0.033	0.5	0.0	0.5	0.3	O K
600 min Summer	87.330	0.030	0.4	0.0	0.4	0.2	O K
720 min Summer	87.328	0.028	0.4	0.0	0.4	0.2	O K
960 min Summer	87.325	0.025	0.3	0.0	0.3	0.2	O K
1440 min Summer	87.322	0.022	0.2	0.0	0.2	0.2	O K
2160 min Summer	87.319	0.019	0.2	0.0	0.2	0.2	O K
2880 min Summer	87.317	0.017	0.2	0.0	0.2	0.1	O K
4320 min Summer	87.315	0.015	0.1	0.0	0.1	0.1	O K
5760 min Summer	87.313	0.013	0.1	0.0	0.1	0.1	O K
7200 min Summer	87.312	0.012	0.1	0.0	0.1	0.1	O K
8640 min Summer	87.312	0.012	0.1	0.0	0.1	0.1	O K
10080 min Summer	87.311	0.011	0.1	0.0	0.1	0.1	O K
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)		
15 min Summer	26.981	0.0	1.2	0.0	12		
30 min Summer	17.806	0.0	1.5	0.0	19		
60 min Summer	11.446	0.0	2.0	0.0	34		
120 min Summer	7.236	0.0	2.5	0.0	64		
180 min Summer	5.510	0.0	2.8	0.0	94		
240 min Summer	4.537	0.0	3.1	0.0	126		
360 min Summer	3.446	0.0	3.6	0.0	186		
480 min Summer	2.817	0.0	3.9	0.0	246		
600 min Summer	2.409	0.0	4.2	0.0	306		
720 min Summer	2.120	0.0	4.4	0.0	366		
960 min Summer	1.734	0.0	4.8	0.0	490		
1440 min Summer	1.306	0.0	5.4	0.0	734		
2160 min Summer	0.985	0.0	6.1	0.0	1100		
2880 min Summer	0.805	0.0	6.7	0.0	1456		
4320 min Summer	0.607	0.0	7.5	0.0	2188		
5760 min Summer	0.496	0.0	8.2	0.0	2864		
7200 min Summer	0.425	0.0	8.8	0.0	3616		
8640 min Summer	0.375	0.0	9.3	0.0	4304		
10080 min Summer	0.337	0.0	9.8	0.0	5136		
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Easy Flood Risk							Page 2
55 Shepherds Lane Dartford DA1 2NL							
Date 07/05/2024 06:36 File 9 Chatsworth Ave.SRCX				Designed by sheph Checked by			
Innovyze				Source Control 2020.1			
<u>Summary of Results for 2 year Return Period</u>							
Storm Event	Max Level	Max Depth	Max Control	Max Overflow	Max Σ Outflow	Max Volume	Status
	(m)	(m)	(l/s)	(l/s)	(l/s)	(m³)	
15 min Winter	87.398	0.098	2.4	0.0	2.4	0.8	O K
30 min Winter	87.390	0.090	2.2	0.0	2.2	0.7	O K
60 min Winter	87.371	0.071	1.7	0.0	1.7	0.6	O K
120 min Winter	87.353	0.053	1.2	0.0	1.2	0.4	O K
180 min Winter	87.345	0.045	0.9	0.0	0.9	0.4	O K
240 min Winter	87.340	0.040	0.7	0.0	0.7	0.3	O K
360 min Winter	87.334	0.034	0.6	0.0	0.6	0.3	O K
480 min Winter	87.331	0.031	0.5	0.0	0.5	0.2	O K
600 min Winter	87.328	0.028	0.4	0.0	0.4	0.2	O K
720 min Winter	87.326	0.026	0.3	0.0	0.3	0.2	O K
960 min Winter	87.324	0.024	0.3	0.0	0.3	0.2	O K
1440 min Winter	87.320	0.020	0.2	0.0	0.2	0.2	O K
2160 min Winter	87.318	0.018	0.2	0.0	0.2	0.1	O K
2880 min Winter	87.316	0.016	0.1	0.0	0.1	0.1	O K
4320 min Winter	87.314	0.014	0.1	0.0	0.1	0.1	O K
5760 min Winter	87.312	0.012	0.1	0.0	0.1	0.1	O K
7200 min Winter	87.311	0.011	0.1	0.0	0.1	0.1	O K
8640 min Winter	87.311	0.011	0.1	0.0	0.1	0.1	O K
10080 min Winter	87.310	0.010	0.1	0.0	0.1	0.1	O K
Storm Event	Rain (mm/hr)	Flooded Volume	Discharge Volume	Overflow Volume	Time-Peak (mins)		
		(m³)	(m³)	(m³)			
15 min Winter	34.916	0.0	1.7	0.0	12		
30 min Winter	22.986	0.0	2.2	0.0	20		
60 min Winter	14.592	0.0	2.8	0.0	36		
120 min Winter	9.080	0.0	3.5	0.0	66		
180 min Winter	6.845	0.0	4.0	0.0	96		
240 min Winter	5.594	0.0	4.3	0.0	126		
360 min Winter	4.203	0.0	4.9	0.0	188		
480 min Winter	3.421	0.0	5.3	0.0	246		
600 min Winter	2.916	0.0	5.6	0.0	306		
720 min Winter	2.559	0.0	5.9	0.0	368		
960 min Winter	2.082	0.0	6.4	0.0	478		
1440 min Winter	1.556	0.0	7.2	0.0	726		
2160 min Winter	1.164	0.0	8.1	0.0	1100		
2880 min Winter	0.947	0.0	8.8	0.0	1468		
4320 min Winter	0.708	0.0	9.8	0.0	2172		
5760 min Winter	0.576	0.0	10.7	0.0	2840		
7200 min Winter	0.491	0.0	11.4	0.0	3624		
8640 min Winter	0.431	0.0	12.0	0.0	4256		
10080 min Winter	0.386	0.0	12.5	0.0	5056		
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Easy Flood Risk		Page 1					
55 Shepherds Lane Dartford DA1 2NL							
Date 07/05/2024 06:35 File 9 Chatsworth Ave.SRCX	Designed by sheph Checked by						
Innovyze Source Control 2020.1							
<u>Summary of Results for 5 year Return Period</u>							
Storm Event	Max Level (m)	Max Depth (m)	Max Control (l/s)	Max Overflow (l/s)	Max Σ Outflow (l/s)	Max Volume (m³)	Status
15 min Summer	87.421	0.121	2.5	0.0	2.5	1.0	O K
30 min Summer	87.419	0.119	2.5	0.0	2.5	1.0	O K
60 min Summer	87.396	0.096	2.3	0.0	2.3	0.8	O K
120 min Summer	87.373	0.073	1.8	0.0	1.8	0.6	O K
180 min Summer	87.361	0.061	1.5	0.0	1.5	0.5	O K
240 min Summer	87.354	0.054	1.2	0.0	1.2	0.4	O K
360 min Summer	87.346	0.046	0.9	0.0	0.9	0.4	O K
480 min Summer	87.341	0.041	0.8	0.0	0.8	0.3	O K
600 min Summer	87.338	0.038	0.7	0.0	0.7	0.3	O K
720 min Summer	87.335	0.035	0.6	0.0	0.6	0.3	O K
960 min Summer	87.331	0.031	0.5	0.0	0.5	0.2	O K
1440 min Summer	87.327	0.027	0.4	0.0	0.4	0.2	O K
2160 min Summer	87.323	0.023	0.3	0.0	0.3	0.2	O K
2880 min Summer	87.320	0.020	0.2	0.0	0.2	0.2	O K
4320 min Summer	87.318	0.018	0.2	0.0	0.2	0.1	O K
5760 min Summer	87.316	0.016	0.1	0.0	0.1	0.1	O K
7200 min Summer	87.314	0.014	0.1	0.0	0.1	0.1	O K
8640 min Summer	87.314	0.014	0.1	0.0	0.1	0.1	O K
10080 min Summer	87.313	0.013	0.1	0.0	0.1	0.1	O K
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)		
15 min Summer	45.120	0.0	1.9	0.0	12		
30 min Summer	29.479	0.0	2.5	0.0	20		
60 min Summer	18.553	0.0	3.2	0.0	36		
120 min Summer	11.428	0.0	3.9	0.0	66		
180 min Summer	8.556	0.0	4.4	0.0	94		
240 min Summer	6.955	0.0	4.8	0.0	126		
360 min Summer	5.184	0.0	5.4	0.0	186		
480 min Summer	4.206	0.0	5.8	0.0	246		
600 min Summer	3.574	0.0	6.2	0.0	306		
720 min Summer	3.129	0.0	6.5	0.0	366		
960 min Summer	2.535	0.0	7.0	0.0	488		
1440 min Summer	1.884	0.0	7.8	0.0	728		
2160 min Summer	1.400	0.0	8.7	0.0	1096		
2880 min Summer	1.133	0.0	9.4	0.0	1468		
4320 min Summer	0.841	0.0	10.4	0.0	2152		
5760 min Summer	0.681	0.0	11.3	0.0	2880		
7200 min Summer	0.578	0.0	12.0	0.0	3672		
8640 min Summer	0.506	0.0	12.6	0.0	4296		
10080 min Summer	0.451	0.0	13.1	0.0	4976		
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Easy Flood Risk							Page 2
55 Shepherds Lane Dartford DA1 2NL							
Date 07/05/2024 06:35 File 9 Chatsworth Ave.SRCX				Designed by sheph Checked by			
Innovyze				Source Control 2020.1			
<u>Summary of Results for 5 year Return Period</u>							
Storm Event	Max Level (m)	Max Depth (m)	Max Control (1/s)	Max Overflow (1/s)	Max Σ Outflow (1/s)	Max Volume (m³)	Status
15 min Winter	87.431	0.131	2.5	0.0	2.5	1.1	O K
30 min Winter	87.419	0.119	2.5	0.0	2.5	1.0	O K
60 min Winter	87.388	0.088	2.2	0.0	2.2	0.7	O K
120 min Winter	87.362	0.062	1.5	0.0	1.5	0.5	O K
180 min Winter	87.352	0.052	1.1	0.0	1.1	0.4	O K
240 min Winter	87.346	0.046	0.9	0.0	0.9	0.4	O K
360 min Winter	87.339	0.039	0.7	0.0	0.7	0.3	O K
480 min Winter	87.335	0.035	0.6	0.0	0.6	0.3	O K
600 min Winter	87.332	0.032	0.5	0.0	0.5	0.3	O K
720 min Winter	87.329	0.029	0.4	0.0	0.4	0.2	O K
960 min Winter	87.326	0.026	0.3	0.0	0.3	0.2	O K
1440 min Winter	87.322	0.022	0.3	0.0	0.3	0.2	O K
2160 min Winter	87.319	0.019	0.2	0.0	0.2	0.2	O K
2880 min Winter	87.317	0.017	0.2	0.0	0.2	0.1	O K
4320 min Winter	87.315	0.015	0.1	0.0	0.1	0.1	O K
5760 min Winter	87.313	0.013	0.1	0.0	0.1	0.1	O K
7200 min Winter	87.312	0.012	0.1	0.0	0.1	0.1	O K
8640 min Winter	87.312	0.012	0.1	0.0	0.1	0.1	O K
10080 min Winter	87.311	0.011	0.1	0.0	0.1	0.1	O K
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)		
15 min Winter	45.120	0.0	2.2	0.0	13		
30 min Winter	29.479	0.0	2.8	0.0	21		
60 min Winter	18.553	0.0	3.6	0.0	36		
120 min Winter	11.428	0.0	4.4	0.0	66		
180 min Winter	8.556	0.0	5.0	0.0	96		
240 min Winter	6.955	0.0	5.4	0.0	126		
360 min Winter	5.184	0.0	6.0	0.0	186		
480 min Winter	4.206	0.0	6.5	0.0	246		
600 min Winter	3.574	0.0	6.9	0.0	308		
720 min Winter	3.129	0.0	7.2	0.0	370		
960 min Winter	2.535	0.0	7.8	0.0	482		
1440 min Winter	1.884	0.0	8.7	0.0	738		
2160 min Winter	1.400	0.0	9.7	0.0	1080		
2880 min Winter	1.133	0.0	10.5	0.0	1468		
4320 min Winter	0.841	0.0	11.7	0.0	2124		
5760 min Winter	0.681	0.0	12.6	0.0	2864		
7200 min Winter	0.578	0.0	13.4	0.0	3664		
8640 min Winter	0.506	0.0	14.1	0.0	4376		
10080 min Winter	0.451	0.0	14.6	0.0	5016		
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55 Shepherds Lane Dartford DA1 2NL							
Date 07/05/2024 06:34 File 9 Chatsworth Ave.SRCX				Designed by sheph Checked by			
Innovyze				Source Control 2020.1			
<u>Summary of Results for 10 year Return Period</u>							
Storm Event	Max Level (m)	Max Depth (m)	Max Control (1/s)	Max Overflow (1/s)	Max Σ Outflow (1/s)	Max Volume (m³)	Status
15 min Summer	87.445	0.145	2.5	0.0	2.5	1.2	O K
30 min Summer	87.447	0.147	2.5	0.0	2.5	1.2	O K
60 min Summer	87.417	0.117	2.5	0.0	2.5	0.9	O K
120 min Summer	87.384	0.084	2.1	0.0	2.1	0.7	O K
180 min Summer	87.369	0.069	1.7	0.0	1.7	0.6	O K
240 min Summer	87.360	0.060	1.4	0.0	1.4	0.5	O K
360 min Summer	87.351	0.051	1.1	0.0	1.1	0.4	O K
480 min Summer	87.345	0.045	0.9	0.0	0.9	0.4	O K
600 min Summer	87.341	0.041	0.8	0.0	0.8	0.3	O K
720 min Summer	87.338	0.038	0.7	0.0	0.7	0.3	O K
960 min Summer	87.334	0.034	0.5	0.0	0.5	0.3	O K
1440 min Summer	87.329	0.029	0.4	0.0	0.4	0.2	O K
2160 min Summer	87.324	0.024	0.3	0.0	0.3	0.2	O K
2880 min Summer	87.322	0.022	0.2	0.0	0.2	0.2	O K
4320 min Summer	87.319	0.019	0.2	0.0	0.2	0.1	O K
5760 min Summer	87.317	0.017	0.1	0.0	0.1	0.1	O K
7200 min Summer	87.315	0.015	0.1	0.0	0.1	0.1	O K
8640 min Summer	87.314	0.014	0.1	0.0	0.1	0.1	O K
10080 min Summer	87.314	0.014	0.1	0.0	0.1	0.1	O K
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)		
15 min Summer	52.275	0.0	2.3	0.0	12		
30 min Summer	34.347	0.0	3.0	0.0	20		
60 min Summer	21.699	0.0	3.7	0.0	36		
120 min Summer	13.381	0.0	4.6	0.0	66		
180 min Summer	10.008	0.0	5.2	0.0	96		
240 min Summer	8.121	0.0	5.6	0.0	126		
360 min Summer	6.030	0.0	6.2	0.0	186		
480 min Summer	4.880	0.0	6.7	0.0	246		
600 min Summer	4.139	0.0	7.1	0.0	306		
720 min Summer	3.617	0.0	7.5	0.0	366		
960 min Summer	2.923	0.0	8.1	0.0	488		
1440 min Summer	2.163	0.0	8.9	0.0	720		
2160 min Summer	1.599	0.0	9.9	0.0	1100		
2880 min Summer	1.290	0.0	10.7	0.0	1440		
4320 min Summer	0.953	0.0	11.8	0.0	2184		
5760 min Summer	0.768	0.0	12.7	0.0	2928		
7200 min Summer	0.650	0.0	13.4	0.0	3584		
8640 min Summer	0.567	0.0	14.1	0.0	4392		
10080 min Summer	0.505	0.0	14.6	0.0	5008		
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55 Shepherds Lane Dartford DA1 2NL							
Date 07/05/2024 06:34 File 9 Chatsworth Ave.SRCX				Designed by sheph Checked by			
Innovyze				Source Control 2020.1			
<u>Summary of Results for 30 year Return Period</u>							
Storm Event	Max Level (m)	Max Depth (m)	Max Control (l/s)	Max Overflow (l/s)	Max Σ Outflow (l/s)	Max Volume (m³)	Status
15 min Winter	87.530	0.230	2.5	0.0	2.5	1.8	O K
30 min Winter	87.531	0.231	2.5	0.0	2.5	1.8	O K
60 min Winter	87.462	0.162	2.5	0.0	2.5	1.3	O K
120 min Winter	87.389	0.089	2.2	0.0	2.2	0.7	O K
180 min Winter	87.369	0.069	1.7	0.0	1.7	0.6	O K
240 min Winter	87.359	0.059	1.4	0.0	1.4	0.5	O K
360 min Winter	87.349	0.049	1.0	0.0	1.0	0.4	O K
480 min Winter	87.343	0.043	0.8	0.0	0.8	0.3	O K
600 min Winter	87.339	0.039	0.7	0.0	0.7	0.3	O K
720 min Winter	87.336	0.036	0.6	0.0	0.6	0.3	O K
960 min Winter	87.332	0.032	0.5	0.0	0.5	0.3	O K
1440 min Winter	87.327	0.027	0.4	0.0	0.4	0.2	O K
2160 min Winter	87.323	0.023	0.3	0.0	0.3	0.2	O K
2880 min Winter	87.321	0.021	0.2	0.0	0.2	0.2	O K
4320 min Winter	87.318	0.018	0.2	0.0	0.2	0.1	O K
5760 min Winter	87.316	0.016	0.1	0.0	0.1	0.1	O K
7200 min Winter	87.314	0.014	0.1	0.0	0.1	0.1	O K
8640 min Winter	87.313	0.013	0.1	0.0	0.1	0.1	O K
10080 min Winter	87.313	0.013	0.1	0.0	0.1	0.1	O K
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)		
15 min Winter	66.011	0.0	3.2	0.0	14		
30 min Winter	43.761	0.0	4.2	0.0	23		
60 min Winter	27.812	0.0	5.4	0.0	40		
120 min Winter	17.183	0.0	6.6	0.0	66		
180 min Winter	12.831	0.0	7.4	0.0	96		
240 min Winter	10.384	0.0	8.0	0.0	126		
360 min Winter	7.663	0.0	8.9	0.0	184		
480 min Winter	6.177	0.0	9.5	0.0	244		
600 min Winter	5.222	0.0	10.1	0.0	306		
720 min Winter	4.551	0.0	10.5	0.0	362		
960 min Winter	3.661	0.0	11.3	0.0	488		
1440 min Winter	2.691	0.0	12.5	0.0	720		
2160 min Winter	1.975	0.0	13.7	0.0	1120		
2880 min Winter	1.584	0.0	14.7	0.0	1440		
4320 min Winter	1.160	0.0	16.1	0.0	2184		
5760 min Winter	0.929	0.0	17.2	0.0	2880		
7200 min Winter	0.782	0.0	18.1	0.0	3592		
8640 min Winter	0.679	0.0	18.9	0.0	4392		
10080 min Winter	0.603	0.0	19.6	0.0	5120		
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55 Shepherds Lane Dartford DA1 2NL							
Date 07/05/2024 06:33 File 9 Chatsworth Ave.SRCX							
Designed by sheph Checked by							
Innovyze		Source Control 2020.1					
Summary of Results for 50 year Return Period							
Storm Event	Max Level (m)	Max Depth (m)	Max Control (l/s)	Max Overflow (l/s)	Max Outflow (l/s)	Max Volume (m³)	Status
15 min Summer	87.535	0.235	2.5	0.0	2.5	1.9	O K
30 min Summer	87.554	0.254	2.5	0.0	2.5	2.0	O K
60 min Summer	87.517	0.217	2.5	0.0	2.5	1.7	O K
120 min Summer	87.436	0.136	2.5	0.0	2.5	1.1	O K
180 min Summer	87.397	0.097	2.4	0.0	2.4	0.8	O K
240 min Summer	87.382	0.082	2.0	0.0	2.0	0.7	O K
360 min Summer	87.364	0.064	1.5	0.0	1.5	0.5	O K
480 min Summer	87.356	0.056	1.3	0.0	1.3	0.4	O K
600 min Summer	87.350	0.050	1.1	0.0	1.1	0.4	O K
720 min Summer	87.346	0.046	0.9	0.0	0.9	0.4	O K
960 min Summer	87.341	0.041	0.8	0.0	0.8	0.3	O K
1440 min Summer	87.334	0.034	0.6	0.0	0.6	0.3	O K
2160 min Summer	87.329	0.029	0.4	0.0	0.4	0.2	O K
2880 min Summer	87.326	0.026	0.3	0.0	0.3	0.2	O K
4320 min Summer	87.322	0.022	0.2	0.0	0.2	0.2	O K
5760 min Summer	87.319	0.019	0.2	0.0	0.2	0.2	O K
7200 min Summer	87.318	0.018	0.2	0.0	0.2	0.1	O K
8640 min Summer	87.316	0.016	0.1	0.0	0.1	0.1	O K
10080 min Summer	87.315	0.015	0.1	0.0	0.1	0.1	O K
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)		
15 min Summer	73.574	0.0	3.2	0.0	13		
30 min Summer	48.979	0.0	4.2	0.0	22		
60 min Summer	31.215	0.0	5.4	0.0	38		
120 min Summer	19.302	0.0	6.7	0.0	68		
180 min Summer	14.403	0.0	7.4	0.0	96		
240 min Summer	11.642	0.0	8.0	0.0	126		
360 min Summer	8.566	0.0	8.9	0.0	186		
480 min Summer	6.892	0.0	9.5	0.0	246		
600 min Summer	5.818	0.0	10.0	0.0	306		
720 min Summer	5.064	0.0	10.5	0.0	366		
960 min Summer	4.065	0.0	11.2	0.0	488		
1440 min Summer	2.978	0.0	12.3	0.0	720		
2160 min Summer	2.178	0.0	13.5	0.0	1100		
2880 min Summer	1.743	0.0	14.4	0.0	1468		
4320 min Summer	1.271	0.0	15.8	0.0	2164		
5760 min Summer	1.015	0.0	16.8	0.0	2896		
7200 min Summer	0.852	0.0	17.6	0.0	3656		
8640 min Summer	0.739	0.0	18.3	0.0	4344		
10080 min Summer	0.654	0.0	19.0	0.0	5032		
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Easy Flood Risk							Page 2
55 Shepherds Lane Dartford DA1 2NL							
Date 07/05/2024 06:32 File 9 Chatsworth Ave.SRCX				Designed by sheph Checked by			
Innovyze				Source Control 2020.1			
<u>Summary of Results for 100 year Return Period</u>							
Storm Event	Max Level (m)	Max Depth (m)	Max Control (l/s)	Max Overflow (l/s)	Max Σ Outflow (l/s)	Max Volume (m³)	Status
15 min Winter	87.630	0.330	2.5	0.0	2.5	2.6	O K
30 min Winter	87.652	0.352	2.5	0.0	2.5	2.8	O K
60 min Winter	87.602	0.302	2.5	0.0	2.5	2.4	O K
120 min Winter	87.442	0.142	2.5	0.0	2.5	1.1	O K
180 min Winter	87.390	0.090	2.2	0.0	2.2	0.7	O K
240 min Winter	87.374	0.074	1.8	0.0	1.8	0.6	O K
360 min Winter	87.358	0.058	1.4	0.0	1.4	0.5	O K
480 min Winter	87.350	0.050	1.1	0.0	1.1	0.4	O K
600 min Winter	87.345	0.045	0.9	0.0	0.9	0.4	O K
720 min Winter	87.342	0.042	0.8	0.0	0.8	0.3	O K
960 min Winter	87.337	0.037	0.6	0.0	0.6	0.3	O K
1440 min Winter	87.331	0.031	0.5	0.0	0.5	0.2	O K
2160 min Winter	87.326	0.026	0.3	0.0	0.3	0.2	O K
2880 min Winter	87.323	0.023	0.3	0.0	0.3	0.2	O K
4320 min Winter	87.320	0.020	0.2	0.0	0.2	0.2	O K
5760 min Winter	87.317	0.017	0.2	0.0	0.2	0.1	O K
7200 min Winter	87.316	0.016	0.1	0.0	0.1	0.1	O K
8640 min Winter	87.315	0.015	0.1	0.0	0.1	0.1	O K
10080 min Winter	87.314	0.014	0.1	0.0	0.1	0.1	O K
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)		
15 min Winter	85.241	0.0	4.1	0.0	15		
30 min Winter	57.067	0.0	5.5	0.0	24		
60 min Winter	36.507	0.0	7.0	0.0	42		
120 min Winter	22.601	0.0	8.7	0.0	72		
180 min Winter	16.848	0.0	9.8	0.0	96		
240 min Winter	13.594	0.0	10.5	0.0	126		
360 min Winter	9.963	0.0	11.5	0.0	184		
480 min Winter	7.997	0.0	12.4	0.0	246		
600 min Winter	6.738	0.0	13.0	0.0	308		
720 min Winter	5.854	0.0	13.6	0.0	366		
960 min Winter	4.686	0.0	14.5	0.0	494		
1440 min Winter	3.418	0.0	15.8	0.0	736		
2160 min Winter	2.488	0.0	17.3	0.0	1072		
2880 min Winter	1.984	0.0	18.4	0.0	1420		
4320 min Winter	1.439	0.0	20.0	0.0	2196		
5760 min Winter	1.145	0.0	21.2	0.0	2848		
7200 min Winter	0.958	0.0	22.2	0.0	3672		
8640 min Winter	0.828	0.0	23.0	0.0	4320		
10080 min Winter	0.731	0.0	23.7	0.0	5064		
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