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Lion House Oriental Road Woking, GU22 8AR				Hampton Park South & East Central Wetland Surface Water Drainage					
Date 01/06/2021 File East of wetlands_Revise...				Designed by SF Checked by SF					
Innovyze				Network 2020.1					
<u>Summary of Critical Results by Maximum Level (Rank 1) for Storm</u>									
PN	US/MH Name	Surcharged Depth (m)	Flooded Volume (m³)	Flow / Cap.	Overflow (l/s)	Half Drain Time (mins)	Pipe Flow (l/s)	Status	Level Exceeded
33.001	SW18/1	1.163	0.000	1.95			83.6	SURCHARGED	
32.001	MAV_SW18	0.856	0.000	1.79			118.5	SURCHARGED	
32.002	MAV_SW19	0.697	0.000	1.99			133.0	SURCHARGED	
35.000	Com Centre	0.346	0.000	0.75			36.1	SURCHARGED	
35.001	Com Centre	0.476	0.000	1.24			72.1	SURCHARGED	
32.003	MAV_SW20	0.377	0.000	1.92			201.7	SURCHARGED	
36.000	Com Centre	0.432	0.000	0.96			39.3	SURCHARGED	
36.001	Com Centre	0.448	0.000	1.89			74.8	SURCHARGED	
32.004	MAV_SW21 (Tank)	0.106	0.000	0.96		35	118.0	SURCHARGED	
32.005	SW22(HB)	0.084	0.000	0.69			116.4	SURCHARGED	
32.006	OUTFALL 04	-1.167	0.000	0.00			115.4	OK	
32.007	CWA Culvert_U/S	-0.112	0.000	0.83			103.2	OK	
32.008	CWA Culvert_DS	-1.179	0.000	0.00			103.2	OK	
1.001	CWA - Culvert	-1.043	0.000	0.00			155.7	OK	
1.002	CWA	-0.971	0.000	0.06			154.2	OK	
37.000	P5/1_S50	0.494	0.000	0.53			24.8	SURCHARGED	
38.000	P5/1_S52-1	0.514	0.000	0.59			23.3	SURCHARGED	
37.001	P5/1_S52	0.625	0.000	1.13			66.8	SURCHARGED	
37.002	P5/1_S54	0.598	0.000	1.17			86.7	SURCHARGED	
37.003	P5/1_S56	0.517	0.000	1.26			106.2	SURCHARGED	
37.004	P5/1_S58	0.644	0.000	0.56			50.4	SURCHARGED	
39.000	P5/1_SW1	0.426	0.000	0.37			14.6	SURCHARGED	
39.001	P5/1_SW2	0.660	0.000	0.50			17.9	SURCHARGED	
37.005	Swale1_HW1	-0.682	0.000	0.00			73.7	OK	
40.000	P5/1_S34	0.156	0.000	0.11			9.6	SURCHARGED	
40.001	P5/1_S36	0.333	0.000	0.15			18.2	SURCHARGED	
41.000	P5/1_S38-1	0.262	0.000	0.06			9.3	SURCHARGED	
40.002	P5/1_S38	0.553	0.000	0.34			36.2	SURCHARGED	
40.003	P5/1_S40	0.593	0.000	0.51			45.3	SURCHARGED	
42.000	P5/1_S10	0.201	0.000	0.20			8.9	SURCHARGED	
42.001	P5/1_S12	0.392	0.000	0.23			17.4	SURCHARGED	
42.002	P5/1_S14	0.637	0.000	0.37			26.2	SURCHARGED	
37.006	Swale1_HW2	-0.687	0.000	0.00			63.0	OK	
43.000	P5/1_HW3/1	-0.091	0.000	0.32			14.7	OK	
44.000	P5/1_HW3/2	-0.096	0.000	0.28			13.9	OK	
37.007	Swale1_HW3	0.720	0.000	1.21			42.5	SURCHARGED	
45.000	MAV_SW03	0.026	0.000	0.87			35.5	SURCHARGED	
46.000	SW04/1	0.163	0.000	0.04			1.4	SURCHARGED	
45.001	MAV_SW04	0.185	0.000	0.54			47.3	SURCHARGED	
47.000	Stub SW05/1	0.443	0.000	0.51			8.9	SURCHARGED	
48.000	Stub SW05/2	0.421	0.000	1.09			13.9	SURCHARGED	
45.002	MAV_SW05	0.461	0.000	1.01			87.4	SURCHARGED	
49.000	SW06/1	-0.044	0.000	0.83			13.1	OK	
49.001	MAV_SW06	-0.130	0.000	0.60			62.0	OK	
50.000	P5/Mav_S04	0.026	0.000	0.47			20.8	SURCHARGED	
50.001	P5/Mav_S06	0.165	0.000	0.63			34.9	SURCHARGED	
51.000	P5/Mav_S02-1	0.630	0.000	1.71			23.0	SURCHARGED	
51.001	P5/Mav_S02	0.279	0.000	0.81			45.8	SURCHARGED	
49.002	MAV_SW08	0.285	0.000	0.63			102.3	SURCHARGED	
37.008	MAV_SW09	0.632	0.000	1.18			126.6	SURCHARGED	
52.000	P5/2_HW1/1	0.183	0.000	0.18			6.7	SURCHARGED	
53.000	P5/2_HW1/2	0.193	0.000	0.21			7.5	SURCHARGED	
37.009	Swale2_HW1	-0.810	0.000	0.01			149.0	OK	
54.000	P5/2_S64	0.024	0.000	0.31			14.0	SURCHARGED	
55.000	P5/2_S60	0.134	0.000	0.13			12.9	SURCHARGED	
54.001	P5/2_S66	0.247	0.000	0.25			34.2	SURCHARGED	
54.002	P5/2_S72	0.463	0.000	0.60			45.5	SURCHARGED	
56.000	P5/2_S74	-0.040	0.000	0.25			11.4	OK	
56.001	P5/2_S76	0.185	0.000	0.23			20.1	SURCHARGED	
57.000	P5/2_S78	0.184	0.000	0.21			10.7	SURCHARGED	
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Date 01/06/2021 File East of wetlands_Revise...				Designed by SF Checked by SF					
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<u>Summary of Critical Results by Maximum Level (Rank 1) for Storm</u>									
PN	US/MH Name	Surcharged Depth (m)	Flooded Volume (m³)	Flow / Cap.	Overflow (l/s)	Half Drain Time (mins)	Pipe Flow (l/s)	Status	Level Exceeded
57.001	P5/2_S80	0.272	0.000	0.22			20.3	SURCHARGED	
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Summary of Critical Results by Maximum Level (Rank 1) for Storm									
PN	US/MH Name	Storm	Return Period	Climate Change	First (X) Surcharge	First (Y) Flood	First (Z) Overflow	Overflow Act.	Water Level (m)
58.000	P5/2_S82	60 Winter	30	+0%	30/15 Winter				2.940
58.001	P5/2_S84	60 Winter	30	+0%	30/15 Winter				2.932
56.002	P5/2_S86	60 Winter	30	+0%	30/15 Winter				2.925
56.003	P5/2_S88	60 Winter	30	+0%	30/15 Winter				2.871
37.010	Swale2_HW2	60 Winter	30	+0%					2.866
59.000	P5/2_S90	60 Winter	30	+0%	30/15 Winter				3.169
59.001	P5/2_S92	60 Winter	30	+0%	30/15 Winter				3.160
60.000	P5/2_SW94-1	60 Winter	30	+0%	30/15 Winter				3.162
60.001	P5/2_SW94-2	60 Winter	30	+0%	30/15 Winter				3.153
59.002	P5/2_S94	60 Winter	30	+0%	30/15 Winter				3.140
59.003	P5/2_S96	60 Winter	30	+0%	30/15 Winter				3.055
59.004	P5/2_S98	60 Winter	30	+0%	30/15 Winter				2.988
59.005	P5/2_S100	60 Winter	30	+0%	30/15 Winter				2.912
61.000	P5/2_SHW6-1	60 Winter	30	+0%	30/15 Winter				2.853
37.011	Swale2_HW3	60 Winter	30	+0%	30/15 Winter				2.846
37.012	SW9A (HB)	60 Winter	30	+0%	30/15 Winter				2.938
37.013	SW9B	240 Winter	30	+0%					1.397
37.014	OUTFALL 02	120 Winter	30	+0%					1.196
1.003	CWA	120 Winter	30	+0%					1.185
1.004	CWA_PH4 Outfall	120 Winter	30	+0%					1.175
1.005	CWA - BEBO U/S	120 Winter	30	+0%					1.149
1.006	CWA - BEBO D/S	120 Winter	30	+0%					1.121
62.000	P5_S42	15 Winter	30	+0%	30/15 Winter				3.223
63.000	P5_SW1-1 (MBL)	15 Winter	30	+0%					3.222
62.001	P5_S44	15 Winter	30	+0%	30/15 Winter				3.174
62.002	P5_S46	15 Winter	30	+0%	30/15 Winter				3.082
64.000	P5_Flats	15 Winter	30	+0%	30/15 Winter				2.982
64.001	P5_Tank P5-01	15 Winter	30	+0%	30/15 Winter				2.952
62.003	P5_S48 (HB)	15 Winter	30	+0%	30/15 Winter				2.945
62.004	OUTFALL 01	30 Winter	30	+0%					1.137
1.007	CWA	480 Winter	30	+0%					1.096
1.008	Black Ditch	480 Winter	30	+0%					1.076
65.000	Drain Down	15 Winter	30	+0%					1.500
1.009	Black Ditch	480 Winter	30	+0%					1.042
66.000	Drain Down	15 Winter	30	+0%					1.500
1.010	Black Ditch	480 Winter	30	+0%					1.001
1.011	Black Ditch	480 Winter	30	+0%					0.948
1.012	Black Ditch	360 Winter	30	+0%					0.937
PN	US/MH Name	Surcharged Depth (m)	Flooded Volume (m³)	Flow / Cap.	Overflow (l/s)	Half Drain Time (mins)	Pipe Flow (l/s)	Status	Level Exceeded
58.000	P5/2_S82	0.155	0.000	0.23			11.0	SURCHARGED	
58.001	P5/2_S84	0.262	0.000	0.21			19.8	SURCHARGED	
56.002	P5/2_S86	0.330	0.000	0.59			65.7	SURCHARGED	
56.003	P5/2_S88	0.466	0.000	1.26			75.2	SURCHARGED	
37.010	Swale2_HW2	-0.834	0.000	0.01			121.1	OK	
59.000	P5/2_S90	0.274	0.000	0.29			10.5	SURCHARGED	
59.001	P5/2_S92	0.365	0.000	0.44			21.0	SURCHARGED	
60.000	P5/2_SW94-1	0.287	0.000	0.29			10.5	SURCHARGED	
60.001	P5/2_SW94-2	0.303	0.000	0.29			20.8	SURCHARGED	
59.002	P5/2_S94	0.450	0.000	0.73			51.9	SURCHARGED	
59.003	P5/2_S96	0.515	0.000	0.72			62.1	SURCHARGED	
59.004	P5/2_S98	0.493	0.000	0.73			72.2	SURCHARGED	
59.005	P5/2_S100	0.477	0.000	0.86			81.9	SURCHARGED	
61.000	P5/2_SHW6-1	0.278	0.000	0.32			12.8	SURCHARGED	
37.011	Swale2_HW3	0.496	0.000	0.63			105.9	SURCHARGED	
37.012	SW9A (HB)	0.733	0.000	0.35			91.3	SURCHARGED	
37.013	SW9B	-0.148	0.000	0.68			92.0	OK	
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PN	US/MH Name	Surcharged Depth (m)	Flooded Volume (m³)	Flow / Cap.	Overflow (l/s)	Half Drain Time (mins)	Pipe Flow (l/s)	Status	Level Exceeded
37.014	OUTFALL 02	-1.054	0.000	0.00			91.9	OK	
1.003	CWA	-1.015	0.000	0.02			236.3	OK	
1.004	CWA_PH4 Outfall	-1.025	0.000	0.01			236.1	OK	
1.005	CWA - BEBO U/S	-1.051	0.000	0.01			236.1	OK	
1.006	CWA - BEBO D/S	-1.079	0.000	0.02			236.3	OK	
62.000	P5_S42	0.578	0.000	0.56			22.9	SURCHARGED	
63.000	P5_SW1-1 (MBL)	-0.003	0.000	0.39			26.6	OK	
62.001	P5_S44	0.754	0.000	0.79			58.0	SURCHARGED	
62.002	P5_S46	0.842	0.000	1.00			73.4	SURCHARGED	
64.000	P5_Flats	0.557	0.000	0.38			24.9	SURCHARGED	
64.001	P5_Tank P5-01	0.777	0.000	0.19			20.3	SURCHARGED	
62.003	P5_S48 (HB)	0.765	0.000	0.17			78.0	SURCHARGED	
62.004	OUTFALL 01	-1.163	0.000	0.00			79.1	OK	
1.007	CWA	-1.104	0.000	0.01			206.5	OK	
1.008	Black Ditch	-0.876	0.000	0.01			292.2	OK	
65.000	Drain Down	-0.150	0.000	0.00			0.0	OK	
1.009	Black Ditch	-0.684	0.000	0.02			770.5	OK	
66.000	Drain Down	-0.150	0.000	0.00			0.0	OK	
1.010	Black Ditch	-0.537	0.000	0.02			844.5	OK	
1.011	Black Ditch	-0.352	0.000	0.05			1504.4	OK	
1.012	Black Ditch	-0.247	0.000	0.02			666.1	OK	
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Summary of Critical Results by Maximum Level (Rank 1) for Storm									
Simulation Criteria Areal Reduction Factor 1.000 Additional Flow - % of Total Flow 0.000 Hot Start (mins) 0 MADD Factor * 10m³/ha Storage 2.000 Hot Start Level (mm) 0 Inlet Coefficient 0.800 Manhole Headloss Coeff (Global) 0.500 Flow per Person per Day (l/per/day) 0.000 Foul Sewage per hectare (l/s) 0.000									
Number of Input Hydrographs 0 Number of Offline Controls 0 Number of Time/Area Diagrams 6 Number of Online Controls 4 Number of Storage Structures 2 Number of Real Time Controls 0									
Synthetic Rainfall Details Rainfall Model FEH Data Type Catchment FEH Rainfall Version 2013 Cv (Summer) 0.750 Site Location GB 502950 104450 TQ 02950 04450 Cv (Winter) 0.840									
Margin for Flood Risk Warning (mm) 300.0 Analysis Timestep 2.5 Second Increment (Extended) DTS Status ON DVD Status ON Inertia Status OFF									
Profile(s) Winter Duration(s) (mins) 60, 120, 240, 360, 480, 960, 1440 Return Period(s) (years) 100 Climate Change (%) 30									
PN	US/MH Name	Storm	Return Period	Climate Change	First (X) Surge	First (Y) Flood	First (Z) Overflow	Overflow Act.	Water Level (m)
1.000	Dummy MH	60 Winter	100	+30%					1.700
2.000	P6/5-SW1	60 Winter	100	+30%	100/60 Winter	100/60 Winter			4.402
2.001	P6/5-SW2	60 Winter	100	+30%	100/60 Winter				4.357
2.002	P6/5-SW3	60 Winter	100	+30%	100/60 Winter				3.868
2.003	Swale 5_HW1	60 Winter	100	+30%					3.558
3.000	P6/5-SW4	60 Winter	100	+30%	100/60 Winter	100/60 Winter			4.406
3.001	P6/5-SW5	60 Winter	100	+30%	100/60 Winter				4.391
3.002	P6/5-SW6	60 Winter	100	+30%	100/60 Winter				4.099
3.003	P6/5-SW7	60 Winter	100	+30%	100/60 Winter				3.647
4.000	P6/5-SW8	60 Winter	100	+30%	100/60 Winter				5.094
4.001	P6/5-SW9	60 Winter	100	+30%	100/60 Winter	100/60 Winter			4.904
4.002	P6/5-SW10	60 Winter	100	+30%	100/60 Winter				4.260
2.004	Swale 5_HW2	60 Winter	100	+30%					3.550
2.005	Swale 5_HW3	60 Winter	100	+30%	100/60 Winter				3.539
5.000	P6/6-SW11	60 Winter	100	+30%	100/60 Winter				3.547
6.000	P6/6-SW12	60 Winter	100	+30%	100/60 Winter				3.803
6.001	P6/6-SW13	60 Winter	100	+30%	100/60 Winter				3.715
2.006	P6/6-SW14	60 Winter	100	+30%	100/60 Winter				3.501
2.007	Swale 6_HW1	60 Winter	100	+30%					3.393
7.000	P6/6-SW15	60 Winter	100	+30%	100/60 Winter				5.192
7.001	P6/6-SW16	60 Winter	100	+30%	100/60 Winter	100/60 Winter			4.906
7.002	P6/6-SW17	60 Winter	100	+30%	100/60 Winter				4.034
8.000	P6/6-SW18	60 Winter	100	+30%	100/60 Winter				5.188
8.001	P6/6-SW19	60 Winter	100	+30%	100/60 Winter	100/60 Winter			5.007
8.002	P6/6-SW20	60 Winter	100	+30%	100/60 Winter	100/60 Winter			4.752
8.003	P6/6-SW21	60 Winter	100	+30%	100/60 Winter				3.856
2.008	Swale 6_HW2	60 Winter	100	+30%					3.370
2.009	Swale 6_HW3	60 Winter	100	+30%	100/60 Winter				3.353
9.000	P7/7-SW7	60 Winter	100	+30%	100/60 Winter				3.942
9.001	Swale 7 & Lake	960 Winter	100	+30%					3.271
10.000	P7/7-SW1	60 Winter	100	+30%	100/60 Winter	100/60 Winter			5.406
10.001	P7/7-SW2	60 Winter	100	+30%	100/60 Winter	100/60 Winter			5.207
11.000	P7/7-SW3	60 Winter	100	+30%	100/60 Winter				5.038
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PN	US/MH Name	Surcharged Depth (m)	Flooded Volume (m³)	Flow / Cap.	Overflow (l/s)	Half Drain Time (mins)	Pipe Flow (l/s)	Status	Level Exceeded
1.000	Dummy MH	-0.150	0.000	0.00			0.0	OK	
2.000	P6/5-SW1	0.777	1.543	0.66			26.8	FLOOD	1
2.001	P6/5-SW2	0.982	0.000	1.15			47.5	FLOOD RISK	
2.002	P6/5-SW3	0.873	0.000	1.43			74.0	SURCHARGED	
2.003	Swale 5_HW1	-0.842	0.000	0.00			93.0	OK	
3.000	P6/5-SW4	0.781	5.978	0.75			30.4	FLOOD	1
3.001	P6/5-SW5	1.006	0.000	1.01			41.5	FLOOD RISK	
3.002	P6/5-SW6	1.044	0.000	1.68			67.9	SURCHARGED	
3.003	P6/5-SW7	0.812	0.000	1.44			67.4	SURCHARGED	
4.000	P6/5-SW8	1.169	0.000	0.79			35.7	FLOOD RISK	
4.001	P6/5-SW9	1.279	3.952	1.36			57.8	FLOOD	1
4.002	P6/5-SW10	1.035	0.000	1.40			90.1	FLOOD RISK	
2.004	Swale 5_HW2	-0.850	0.000	0.01			96.5	OK	
2.005	Swale 5_HW3	0.664	0.000	2.30			79.9	SURCHARGED	
5.000	P6/6-SW11	0.382	0.000	0.85			41.5	SURCHARGED	
6.000	P6/6-SW12	0.303	0.000	0.60			39.9	SURCHARGED	
6.001	P6/6-SW13	0.445	0.000	1.03			79.6	SURCHARGED	
2.006	P6/6-SW14	0.526	0.000	1.15			141.9	SURCHARGED	
2.007	Swale 6_HW1	-1.007	0.000	0.01			164.8	OK	
7.000	P6/6-SW15	1.167	0.000	0.85			42.0	FLOOD RISK	
7.001	P6/6-SW16	1.271	6.430	1.11			65.3	FLOOD	1
7.002	P6/6-SW17	1.209	0.000	3.01			103.9	SURCHARGED	
8.000	P6/6-SW18	1.263	0.000	0.88			35.2	FLOOD RISK	
8.001	P6/6-SW19	1.312	6.531	1.47			57.9	FLOOD	1
8.002	P6/6-SW20	1.217	1.950	1.15			78.5	FLOOD	1
8.003	P6/6-SW21	1.031	0.000	2.68			112.7	SURCHARGED	
2.008	Swale 6_HW2	-1.030	0.000	0.01			254.9	OK	
2.009	Swale 6_HW3	0.478	0.000	1.99			204.0	SURCHARGED	
9.000	P7/7-SW7	0.717	0.000	1.56			71.8	SURCHARGED	
9.001	Swale 7 & Lake	-1.129	0.000	0.00			31.5	OK	
10.000	P7/7-SW1	1.206	5.666	0.81			70.9	FLOOD	1
10.001	P7/7-SW2	1.527	7.247	1.50			130.1	FLOOD	1
11.000	P7/7-SW3	0.838	0.000	0.60			70.4	SURCHARGED	
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Summary of Critical Results by Maximum Level (Rank 1) for Storm									
PN	US/MH Name	Storm	Return Period	Climate Change	First (X) Surcharge	First (Y) Flood	First (Z) Overflow	Overflow Act.	Water Level (m)
10.002	P7/7-SW4	60 Winter	100	+30%	100/60 Winter				4.699
12.000	P7/7-SW5	60 Winter	100	+30%	100/60 Winter				4.081
10.003	P7/7-SW6	60 Winter	100	+30%	100/60 Winter				3.743
9.002	Swale 7_HW2	480 Winter	100	+30%					3.284
2.010	Swale 7_HW3	480 Winter	100	+30%					3.286
13.000	P6/7-SW1	60 Winter	100	+30%	100/60 Winter				4.257
13.001	P6/7-SW2	60 Winter	100	+30%	100/60 Winter				4.157
13.002	P6/7-SW3	60 Winter	100	+30%	100/60 Winter				3.600
2.011	Swale 7_HW4	480 Winter	100	+30%					3.284
14.000	School 01	60 Winter	100	+30%	100/60 Winter	100/60 Winter			4.806
14.001	School 02	60 Winter	100	+30%	100/60 Winter				4.772
14.002	School 03	60 Winter	100	+30%	100/60 Winter				4.611
15.000	School 04	60 Winter	100	+30%	100/60 Winter				4.276
14.003	School 04	60 Winter	100	+30%	100/60 Winter				4.122
2.012	Swale 7_HW5	480 Winter	100	+30%	100/60 Winter				3.281
16.000	P5/3_S24	480 Winter	100	+30%	100/60 Winter				3.587
16.001	P5/3_S26	480 Winter	100	+30%	100/60 Winter				3.585
17.000	P6/3-SW1	60 Winter	100	+30%	100/60 Winter				4.477
17.001	P6/3-SW2	60 Winter	100	+30%	100/60 Winter	100/60 Winter			4.401
17.002	P6/3_SW3	60 Winter	100	+30%	100/60 Winter				3.954
16.002	P5/3_S28	480 Winter	100	+30%	100/60 Winter				3.581
16.003	Swale 3_HW1	480 Winter	100	+30%					3.572
18.000	P5/3_S16	60 Winter	100	+30%	100/60 Winter				3.590
18.001	P5/3_S18	480 Winter	100	+30%	100/60 Winter				3.578
19.000	P5/3_SW20-1	60 Winter	100	+30%	100/60 Winter				3.597
19.001	P5/3_SW20-2	480 Winter	100	+30%	100/60 Winter				3.583
18.002	P5/3_S20	480 Winter	100	+30%	100/60 Winter				3.574
20.000	P6/3-SW4	60 Winter	100	+30%	100/60 Winter				3.795
20.001	P6/3-SW5	60 Winter	100	+30%	100/60 Winter				3.723
20.002	P6/3-SW6	480 Winter	100	+30%	100/60 Winter				3.581
16.004	Swale 3_HW2	480 Winter	100	+30%					3.568
16.005	Swale 3_HW3	480 Winter	100	+30%	100/60 Winter				3.544
21.000	MAV_SW10/1	60 Winter	100	+30%	100/60 Winter				3.666
16.006	MAV_SW10	60 Winter	100	+30%					3.690
22.000	Stub SW10-2	60 Winter	100	+30%					3.727
23.000	P6/4_SW1	60 Winter	100	+30%					3.712
23.001	P6/4_SW2	60 Winter	100	+30%	100/60 Winter				3.697
16.007	Swale 4_HW1	60 Winter	100	+30%					3.683
24.000	Stub HW2/03	60 Winter	100	+30%	100/60 Winter				3.880
16.008	Swale 4_HW2	60 Winter	100	+30%					3.674
25.000	Stub HW2/03	60 Winter	100	+30%	100/60 Winter				3.740
26.000	P6/4- SW3	60 Winter	100	+30%					3.714
26.001	P6/4- SW4	60 Winter	100	+30%	100/60 Winter				3.692
16.009	Swale 4_HW3	60 Winter	100	+30%					3.667
27.000	MAV_SW11	60 Winter	100	+30%	100/60 Winter				4.287
28.000	Stub SW12-1	60 Winter	100	+30%	100/60 Winter				4.074
27.001	MAV_SW12	60 Winter	100	+30%	100/60 Winter				3.978
16.010	Swale 4_HW4	60 Winter	100	+30%					3.644
29.000	P6/4-SW6	60 Winter	100	+30%					3.673
29.001	P6/4-SW5	60 Winter	100	+30%	100/60 Winter				3.657
16.011	Swale 4-HW5	60 Winter	100	+30%					3.641
16.012	Swale 4_HW6	60 Winter	100	+30%	100/60 Winter				3.635
30.000	Stub SW13/1	60 Winter	100	+30%	100/60 Winter				3.437
16.013	MAV_SW13	60 Winter	100	+30%	100/60 Winter				3.463
31.000	MAV_SW14	60 Winter	100	+30%					3.416
31.001	MAV_SW15	480 Winter	100	+30%	100/60 Winter				3.221
2.013	MAV_SW16(HB)	120 Winter	100	+30%	100/60 Winter				3.330
2.014	OUTFALL 03	480 Winter	100	+30%					1.300
32.000	MAV_SW17	60 Winter	100	+30%	100/60 Winter				3.804
33.000	Youth Site	60 Winter	100	+30%	100/60 Winter				4.263
34.000	Youth Site	60 Winter	100	+30%	100/60 Winter				4.219
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PN	US/MH Name	Surcharged Depth (m)	Flooded Volume (m³)	Flow / Cap.	Overflow (l/s)	Half Drain Time (mins)	Pipe Flow (l/s)	Status	Level Exceeded
10.002	P7/7-SW4	1.344	0.000	1.59			238.2	FLOOD RISK	
12.000	P7/7-SW5	0.081	0.000	0.56			70.8	SURCHARGED	
10.003	P7/7-SW6	0.768	0.000	2.16			377.4	SURCHARGED	
9.002	Swale 7_HW2	-1.116	0.000	0.00			31.0	OK	
2.010	Swale 7_HW3	-1.114	0.000	0.00			39.0	OK	
13.000	P6/7-SW1	0.732	0.000	0.81			33.1	SURCHARGED	
13.001	P6/7-SW2	0.782	0.000	1.67			66.4	SURCHARGED	
13.002	P6/7-SW3	0.425	0.000	1.27			99.6	SURCHARGED	
2.011	Swale 7_HW4	-1.116	0.000	0.00			41.0	OK	
14.000	School 01	0.606	5.694	0.66			58.0	FLOOD	1
14.001	School 02	1.212	0.000	1.06			90.8	FLOOD RISK	
14.002	School 03	1.281	0.000	1.42			118.3	FLOOD RISK	
15.000	School 04	0.576	0.000	0.39			46.4	SURCHARGED	
14.003	School 04	1.032	0.000	2.04			207.8	SURCHARGED	
2.012	Swale 7_HW5	0.431	0.000	0.26			45.6	SURCHARGED	
16.000	P5/3_S24	0.587	0.000	0.05			3.4	SURCHARGED	
16.001	P5/3_S26	0.805	0.000	0.10			6.8	SURCHARGED	
17.000	P6/3-SW1	1.052	0.000	0.57			23.3	FLOOD RISK	
17.001	P6/3-SW2	1.176	0.561	1.03			42.4	FLOOD	1
17.002	P6/3_SW3	1.169	0.000	1.79			64.9	SURCHARGED	
16.002	P5/3_S28	0.881	0.000	0.83			25.0	SURCHARGED	
16.003	Swale 3_HW1	-0.828	0.000	0.00			30.8	OK	
18.000	P5/3_S16	0.425	0.000	0.41			16.5	SURCHARGED	
18.001	P5/3_S18	0.683	0.000	0.22			6.8	SURCHARGED	
19.000	P5/3_SW20-1	0.372	0.000	0.43			16.5	SURCHARGED	
19.001	P5/3_SW20-2	0.518	0.000	0.17			6.8	SURCHARGED	
18.002	P5/3_S20	0.654	0.000	0.14			17.0	SURCHARGED	
20.000	P6/3-SW4	0.370	0.000	0.59			23.4	SURCHARGED	
20.001	P6/3-SW5	0.498	0.000	1.12			46.7	SURCHARGED	
20.002	P6/3-SW6	0.506	0.000	0.18			14.8	SURCHARGED	
16.004	Swale 3_HW2	-0.832	0.000	0.00			40.6	OK	
16.005	Swale 3_HW3	0.769	0.000	1.08			36.4	SURCHARGED	
21.000	MAV_SW10/1	0.381	0.000	0.83			34.4	SURCHARGED	
16.006	MAV_SW10	-0.085	0.000	0.13			22.2	OK	
22.000	Stub SW10-2	-0.073	0.000	0.53			10.8	OK	
23.000	P6/4_SW1	-0.013	0.000	0.35			13.8	OK	
23.001	P6/4_SW2	0.092	0.000	0.43			25.9	SURCHARGED	
16.007	Swale 4_HW1	-0.717	0.000	0.01			38.4	OK	
24.000	Stub HW2/03	0.305	0.000	1.44			53.8	SURCHARGED	
16.008	Swale 4_HW2	-0.726	0.000	0.01			56.5	OK	
25.000	Stub HW2/03	0.155	0.000	0.94			37.5	SURCHARGED	
26.000	P6/4- SW3	-0.011	0.000	0.35			13.5	OK	
26.001	P6/4- SW4	0.127	0.000	0.54			25.8	SURCHARGED	
16.009	Swale 4_HW3	-0.733	0.000	0.01			102.1	OK	
27.000	MAV_SW11	0.410	0.000	0.87			35.6	SURCHARGED	
28.000	Stub SW12-1	0.524	0.000	0.79			15.0	SURCHARGED	
27.001	MAV_SW12	0.508	0.000	3.03			74.8	SURCHARGED	
16.010	Swale 4_HW4	-0.756	0.000	0.05			137.3	OK	
29.000	P6/4-SW6	-0.052	0.000	0.37			14.2	OK	
29.001	P6/4-SW5	0.042	0.000	0.44			26.8	SURCHARGED	
16.011	Swale 4-HW5	-0.759	0.000	0.04			154.9	OK	
16.012	Swale 4_HW6	0.135	0.000	0.80			146.8	SURCHARGED	
30.000	Stub SW13/1	0.087	0.000	0.63			15.6	SURCHARGED	
16.013	MAV_SW13	0.428	0.000	0.86			158.6	SURCHARGED	
31.000	MAV_SW14	-0.029	0.000	0.80			35.0	OK	
31.001	MAV_SW15	0.176	0.000	0.25			8.3	SURCHARGED	
2.013	MAV_SW16(HB)	0.430	0.000	0.06			63.8	SURCHARGED	
2.014	OUTFALL 03	-1.100	0.000	0.00			63.8	OK	
32.000	MAV_SW17	0.579	0.000	0.37			18.1	SURCHARGED	
33.000	Youth Site	1.338	0.000	0.64			30.8	FLOOD RISK	
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PN	US/MH Name	Surcharged Depth (m)	Flooded Volume (m³)	Flow / Cap.	Overflow (l/s)	Half Drain Time (mins)	Pipe Flow (l/s)	Status	Level Exceeded
34.000	Youth Site	1.294	0.000	0.55			31.2	FLOOD RISK	
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<u>Summary of Critical Results by Maximum Level (Rank 1) for Storm</u>									
PN	US/MH Name	Storm	Return Period	Climate Change	First (X) Surcharge	First (Y) Flood	First (Z) Overflow	Overflow Act.	Water Level (m)
33.001	SW18/1	60 Winter	100	+30%	100/60 Winter	100/60 Winter			4.101
32.001	MAV_SW18	60 Winter	100	+30%	100/60 Winter				3.724
32.002	MAV_SW19	60 Winter	100	+30%	100/60 Winter				3.628
35.000	Com Centre	60 Winter	100	+30%	100/60 Winter				3.622
35.001	Com Centre	60 Winter	100	+30%	100/60 Winter				3.576
32.003	MAV_SW20	60 Winter	100	+30%	100/60 Winter				3.479
36.000	Com Centre	60 Winter	100	+30%	100/60 Winter				3.519
36.001	Com Centre	60 Winter	100	+30%	100/60 Winter				3.453
32.004	MAV_SW21 (Tank)	60 Winter	100	+30%	100/60 Winter				3.363
32.005	SW22 (HB)	60 Winter	100	+30%	100/60 Winter				3.347
32.006	OUTFALL 04	120 Winter	100	+30%					1.739
32.007	CWA Culvert_U/S	120 Winter	100	+30%					1.687
32.008	CWA Culvert_DS	120 Winter	100	+30%					1.328
1.001	CWA - Culvert	480 Winter	100	+30%					1.286
1.002	CWA	480 Winter	100	+30%					1.269
37.000	P5/1_S50	60 Winter	100	+30%	100/60 Winter				4.104
38.000	P5/1_S52-1	60 Winter	100	+30%	100/60 Winter				4.144
37.001	P5/1_S52	60 Winter	100	+30%	100/60 Winter	100/60 Winter			4.008
37.002	P5/1_S54	60 Winter	100	+30%	100/60 Winter				3.964
37.003	P5/1_S56	60 Winter	100	+30%	100/60 Winter				3.712
37.004	P5/1_S58	60 Winter	100	+30%	100/60 Winter				3.517
39.000	P5/1_SW1	120 Winter	100	+30%	100/60 Winter				3.491
39.001	P5/1_SW2	120 Winter	100	+30%	100/60 Winter				3.484
37.005	Swale1_HW1	120 Winter	100	+30%					3.473
40.000	P5/1_S34	120 Winter	100	+30%	100/60 Winter				3.523
40.001	P5/1_S36	120 Winter	100	+30%	100/60 Winter				3.515
41.000	P5/1_S38-1	120 Winter	100	+30%	100/60 Winter				3.508
40.002	P5/1_S38	120 Winter	100	+30%	100/60 Winter				3.505
40.003	P5/1_S40	120 Winter	100	+30%	100/60 Winter				3.459
42.000	P5/1_S10	120 Winter	100	+30%	100/60 Winter				3.469
42.001	P5/1_S12	120 Winter	100	+30%	100/60 Winter				3.463
42.002	P5/1_S14	120 Winter	100	+30%	100/60 Winter				3.458
37.006	Swale1_HW2	120 Winter	100	+30%					3.454
43.000	P5/1_HW3/1	120 Winter	100	+30%	100/60 Winter				3.428
44.000	P5/1_HW3/2	120 Winter	100	+30%	100/60 Winter				3.428
37.007	Swale1_HW3	120 Winter	100	+30%	100/60 Winter				3.425
45.000	MAV_SW03	60 Winter	100	+30%	100/60 Winter				4.571
46.000	SW04/1	60 Winter	100	+30%	100/60 Winter				4.135
45.001	MAV_SW04	60 Winter	100	+30%	100/60 Winter				4.135
47.000	Stub SW05/1	60 Winter	100	+30%	100/60 Winter				4.049
48.000	Stub SW05/2	60 Winter	100	+30%	100/60 Winter				4.075
45.002	MAV_SW05	60 Winter	100	+30%	100/60 Winter				4.000
49.000	SW06/1	60 Winter	100	+30%	100/60 Winter				3.759
49.001	MAV_SW06	60 Winter	100	+30%	100/60 Winter				3.722
50.000	P5/Mav_S04	60 Winter	100	+30%	100/60 Winter				3.733
50.001	P5/Mav_S06	60 Winter	100	+30%	100/60 Winter				3.701
51.000	P5/Mav_S02-1	60 Winter	100	+30%	100/60 Winter				4.253
51.001	P5/Mav_S02	60 Winter	100	+30%	100/60 Winter				3.825
49.002	MAV_SW08	60 Winter	100	+30%	100/60 Winter				3.584
37.008	MAV_SW09	120 Winter	100	+30%	100/60 Winter				3.408
52.000	P5/2_HW1/1	120 Winter	100	+30%	100/60 Winter				3.318
53.000	P5/2_HW1/2	120 Winter	100	+30%	100/60 Winter				3.319
37.009	Swale2_HW1	120 Winter	100	+30%					3.315
54.000	P5/2_S64	60 Winter	100	+30%	100/60 Winter				3.287
55.000	P5/2_S60	120 Winter	100	+30%	100/60 Winter				3.281
54.001	P5/2_S66	120 Winter	100	+30%	100/60 Winter				3.279
54.002	P5/2_S72	120 Winter	100	+30%	100/60 Winter				3.275
56.000	P5/2_S74	60 Winter	100	+30%	100/60 Winter				3.400
56.001	P5/2_S76	60 Winter	100	+30%	100/60 Winter				3.357
57.000	P5/2_S78	60 Winter	100	+30%	100/60 Winter				3.375
57.001	P5/2_S80	60 Winter	100	+30%	100/60 Winter				3.347
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PN	US/MH Name	Surcharged Depth (m)	Flooded Volume (m³)	Flow / Cap.	Overflow (l/s)	Half Drain Time (mins)	Pipe Flow (l/s)	Status	Level Exceeded
33.001	SW18/1	1.556	0.958	2.05			87.7	FLOOD	1
32.001	MAV_SW18	1.284	0.000	1.86			123.0	FLOOD RISK	
32.002	MAV_SW19	1.258	0.000	2.10			140.4	FLOOD RISK	
35.000	Com Centre	0.797	0.000	0.72			34.7	FLOOD RISK	
35.001	Com Centre	1.051	0.000	1.20			69.9	FLOOD RISK	
32.003	MAV_SW20	1.114	0.000	1.99			208.7	FLOOD RISK	
36.000	Com Centre	0.694	0.000	0.89			36.7	FLOOD RISK	
36.001	Com Centre	0.928	0.000	1.85			72.9	SURCHARGED	
32.004	MAV_SW21 (Tank)	1.063	0.000	1.05		52	129.1	SURCHARGED	
32.005	SW22 (HB)	1.067	0.000	0.71			119.9	SURCHARGED	
32.006	OUTFALL 04	-1.161	0.000	0.00			119.5	OK	
32.007	CWA Culvert_U/S	-0.088	0.000	0.94			116.7	OK	
32.008	CWA Culvert_DS	-1.172	0.000	0.00			116.7	OK	
1.001	CWA - Culvert	-1.014	0.000	0.00			127.0	OK	
1.002	CWA	-0.938	0.000	0.05			126.3	OK	
37.000	P5/1_S50	0.919	0.000	0.60			27.7	FLOOD RISK	
38.000	P5/1_S52-1	0.949	0.000	0.68			27.3	FLOOD RISK	
37.001	P5/1_S52	1.028	7.990	1.08			63.8	FLOOD	1
37.002	P5/1_S54	1.034	0.000	1.17			86.5	FLOOD RISK	
37.003	P5/1_S56	1.012	0.000	1.32			110.9	FLOOD RISK	
37.004	P5/1_S58	1.102	0.000	1.51			136.7	SURCHARGED	
39.000	P5/1_SW1	0.886	0.000	0.38			14.8	SURCHARGED	
39.001	P5/1_SW2	1.119	0.000	0.82			29.5	SURCHARGED	
37.005	Swale1_HW1	-0.227	0.000	0.01			130.7	FLOOD RISK	
40.000	P5/1_S34	0.603	0.000	0.19			16.0	SURCHARGED	
40.001	P5/1_S36	0.780	0.000	0.27			32.0	SURCHARGED	
41.000	P5/1_S38-1	0.708	0.000	0.10			15.9	SURCHARGED	
40.002	P5/1_S38	1.000	0.000	0.60			63.7	SURCHARGED	
40.003	P5/1_S40	1.034	0.000	0.90			79.6	SURCHARGED	
42.000	P5/1_S10	0.644	0.000	0.32			14.7	SURCHARGED	
42.001	P5/1_S12	0.833	0.000	0.38			29.4	SURCHARGED	
42.002	P5/1_S14	1.078	0.000	0.63			44.1	SURCHARGED	
37.006	Swale1_HW2	-0.246	0.000	0.01			96.1	FLOOD RISK	
43.000	P5/1_HW3/1	0.278	0.000	0.17			7.9	SURCHARGED	
44.000	P5/1_HW3/2	0.278	0.000	0.15			7.5	SURCHARGED	
37.007	Swale1_HW3	1.150	0.000	1.45			50.8	FLOOD RISK	
45.000	MAV_SW03	0.896	0.000	0.87			35.5	FLOOD RISK	
46.000	SW04/1	0.926	0.000	0.03			1.3	SURCHARGED	
45.001	MAV_SW04	0.948	0.000	0.66			57.9	SURCHARGED	
47.000	Stub SW05/1	1.199	0.000	0.65			11.3	SURCHARGED	
48.000	Stub SW05/2	1.201	0.000	1.11			14.2	SURCHARGED	
45.002	MAV_SW05	1.198	0.000	1.32			114.5	SURCHARGED	
49.000	SW06/1	0.429	0.000	0.68			10.8	SURCHARGED	
49.001	MAV_SW06	0.422	0.000	0.48			50.4	SURCHARGED	
50.000	P5/Mav_S04	0.558	0.000	0.37			16.4	SURCHARGED	
50.001	P5/Mav_S06	0.696	0.000	0.59			32.7	SURCHARGED	
51.000	P5/Mav_S02-1	1.153	0.000	1.69			22.7	FLOOD RISK	
51.001	P5/Mav_S02	0.800	0.000	0.80			45.5	SURCHARGED	
49.002	MAV_SW08	0.804	0.000	1.02			166.5	SURCHARGED	
37.008	MAV_SW09	1.057	0.000	1.22			130.9	SURCHARGED	
52.000	P5/2_HW1/1	0.608	0.000	0.16			5.9	SURCHARGED	
53.000	P5/2_HW1/2	0.619	0.000	0.20			7.2	SURCHARGED	
37.009	Swale2_HW1	-0.385	0.000	0.01			153.3	OK	
54.000	P5/2_S64	0.432	0.000	0.48			21.6	SURCHARGED	
55.000	P5/2_S60	0.541	0.000	0.13			13.0	SURCHARGED	
54.001	P5/2_S66	0.654	0.000	0.28			38.8	SURCHARGED	
54.002	P5/2_S72	0.870	0.000	0.68			51.8	SURCHARGED	
56.000	P5/2_S74	0.415	0.000	0.37			16.9	SURCHARGED	
56.001	P5/2_S76	0.607	0.000	0.38			34.0	SURCHARGED	
57.000	P5/2_S78	0.620	0.000	0.34			17.1	SURCHARGED	
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<u>Summary of Critical Results by Maximum Level (Rank 1) for Storm</u>									
PN	US/MH Name	Surcharged Depth (m)	Flooded Volume (m³)	Flow / Cap.	Overflow (l/s)	Half Drain Time (mins)	Pipe Flow (l/s)	Status	Level Exceeded
57.001	P5/2_S80	0.687	0.000	0.37			34.1	SURCHARGED	
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<u>Summary of Critical Results by Maximum Level (Rank 1) for Storm</u>										
PN	US/MH Name	Storm	Return Period	Climate Change	First (X) Surcharge	First (Y) Flood	First (Z) Overflow	Overflow Act.	Water Level (m)	
58.000	P5/2_S82	60 Winter	100	+30%	100/60 Winter				3.377	
58.001	P5/2_S84	60 Winter	100	+30%	100/60 Winter				3.346	
56.002	P5/2_S86	120 Winter	100	+30%	100/60 Winter				3.334	
56.003	P5/2_S88	120 Winter	100	+30%	100/60 Winter				3.278	
37.010	Swale2_HW2	120 Winter	100	+30%					3.273	
59.000	P5/2_S90	60 Winter	100	+30%	100/60 Winter				3.611	
59.001	P5/2_S92	60 Winter	100	+30%	100/60 Winter				3.580	
60.000	P5/2_SW94-1	60 Winter	100	+30%	100/60 Winter				3.594	
60.001	P5/2_SW94-2	60 Winter	100	+30%	100/60 Winter				3.564	
59.002	P5/2_S94	120 Winter	100	+30%	100/60 Winter				3.548	
59.003	P5/2_S96	120 Winter	100	+30%	100/60 Winter				3.458	
59.004	P5/2_S98	60 Winter	100	+30%	100/60 Winter				3.386	
59.005	P5/2_S100	60 Winter	100	+30%	100/60 Winter				3.310	
61.000	P5/2_SHW6-1	120 Winter	100	+30%	100/60 Winter				3.252	
37.011	Swale2_HW3	120 Winter	100	+30%	100/60 Winter				3.245	
37.012	SW9A (HB)	120 Winter	100	+30%	100/60 Winter				3.223	
37.013	SW9B	60 Winter	100	+30%					1.408	
37.014	OUTFALL 02	480 Winter	100	+30%					1.272	
1.003	CWA	480 Winter	100	+30%					1.260	
1.004	CWA_PH4 Outfall	480 Winter	100	+30%					1.254	
1.005	CWA - BEBO U/S	360 Winter	100	+30%					1.228	
1.006	CWA - BEBO D/S	360 Winter	100	+30%					1.220	
62.000	P5_S42	60 Winter	100	+30%	100/60 Winter				4.217	
63.000	P5_SW1-1 (MBL)	60 Winter	100	+30%	100/60 Winter	100/60 Winter			4.200	
62.001	P5_S44	60 Winter	100	+30%	100/60 Winter	100/60 Winter			4.160	
62.002	P5_S46	60 Winter	100	+30%	100/60 Winter				4.073	
64.000	P5_Flats	60 Winter	100	+30%	100/60 Winter				3.964	
64.001	P5_Tank P5-01	60 Winter	100	+30%	100/60 Winter				3.931	
62.003	P5_S48 (HB)	60 Winter	100	+30%	100/60 Winter				3.924	
62.004	OUTFALL 01	360 Winter	100	+30%					1.217	
1.007	CWA	360 Winter	100	+30%					1.217	
1.008	Black Ditch	360 Winter	100	+30%					1.186	
65.000	Drain Down	60 Winter	100	+30%					1.500	
1.009	Black Ditch	360 Winter	100	+30%					1.140	
66.000	Drain Down	60 Winter	100	+30%					1.500	
1.010	Black Ditch	360 Winter	100	+30%					1.095	
1.011	Black Ditch	360 Winter	100	+30%					1.026	
1.012	Black Ditch	360 Winter	100	+30%					1.006	
PN	US/MH Name		Surcharged Depth (m)	Flooded Volume (m³)	Flow / Cap.	Overflow (l/s)	Half Drain Time (mins)	Pipe Flow (l/s)	Status	Level Exceeded
58.000	P5/2_S82		0.592	0.000	0.35			17.1	SURCHARGED	
58.001	P5/2_S84		0.676	0.000	0.37			34.1	SURCHARGED	
56.002	P5/2_S86		0.739	0.000	0.66			72.9	SURCHARGED	
56.003	P5/2_S88		0.873	0.000	1.39			83.3	SURCHARGED	
37.010	Swale2_HW2		-0.427	0.000	0.01			123.4	OK	
59.000	P5/2_S90		0.716	0.000	0.47			17.1	SURCHARGED	
59.001	P5/2_S92		0.785	0.000	0.71			34.0	SURCHARGED	
60.000	P5/2_SW94-1		0.719	0.000	0.46			17.0	SURCHARGED	
60.001	P5/2_SW94-2		0.714	0.000	0.47			33.8	SURCHARGED	
59.002	P5/2_S94		0.858	0.000	0.74			52.2	SURCHARGED	
59.003	P5/2_S96		0.918	0.000	0.72			62.6	SURCHARGED	
59.004	P5/2_S98		0.891	0.000	1.20			118.2	SURCHARGED	
59.005	P5/2_S100		0.875	0.000	1.42			135.1	SURCHARGED	
61.000	P5/2_SHW6-1		0.677	0.000	0.33			13.0	SURCHARGED	
37.011	Swale2_HW3		0.895	0.000	0.64			107.6	SURCHARGED	
37.012	SW9A (HB)		1.018	0.000	0.38			98.8	SURCHARGED	
37.013	SW9B		-0.137	0.000	0.73			98.8	OK	
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PN	US/MH Name	Surcharged Depth (m)	Flooded Volume (m³)	Flow / Cap.	Overflow (l/s)	Half Drain Time (mins)	Pipe Flow (l/s)	Status	Level Exceeded
37.014	OUTFALL 02	-0.978	0.000	0.00			92.6	OK	
1.003	CWA	-0.940	0.000	0.01			212.0	OK	
1.004	CWA_PH4 Outfall	-0.946	0.000	0.01			212.0	OK	
1.005	CWA - BEBO U/S	-0.972	0.000	0.01			229.2	OK	
1.006	CWA - BEBO D/S	-0.980	0.000	0.02			229.1	OK	
62.000	P5_S42	1.572	0.000	0.50			20.5	FLOOD RISK	
63.000	P5_SW1-1(MBL)	0.975	0.422	0.34			23.5	FLOOD	1
62.001	P5_S44	1.740	0.240	0.72			52.5	FLOOD	1
62.002	P5_S46	1.833	0.000	0.92			67.7	FLOOD RISK	
64.000	P5_Flats	1.539	0.000	0.32			20.9	SURCHARGED	
64.001	P5_Tank P5-01	1.756	0.000	0.19			20.2	FLOOD RISK	
62.003	P5_S48 (HB)	1.744	0.000	0.18			79.7	FLOOD RISK	
62.004	OUTFALL 01	-1.083	0.000	0.00			30.9	OK	
1.007	CWA	-0.983	0.000	0.01			252.5	OK	
1.008	Black Ditch	-0.766	0.000	0.01			246.2	OK	
65.000	Drain Down	-0.150	0.000	0.00			0.0	OK	
1.009	Black Ditch	-0.586	0.000	0.01			222.4	OK	
66.000	Drain Down	-0.150	0.000	0.00			0.0	OK	
1.010	Black Ditch	-0.443	0.000	0.01			259.8	OK	
1.011	Black Ditch	-0.274	0.000	0.02			742.0	OK	
1.012	Black Ditch	-0.178	0.000	0.03			788.6	OK	
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