

Appendix 9

Draft 2017 MS4 Stormwater Annual Report

Water Testing

Outlet and Inlet Comparison



Site Name	Date	Time	E.coli MPN/10 0ml	Ent MPN/100 ml	Temp C	Cond uS	NH3 mg/l	NO3+NO2 mg/L	TKN mg/L	P mg/L	TSS mg/L	Turbidity NTU	COD mg/L	O&G mg/L	Hardness mg/L	Total N mg/L	MBAS mg/L	pH SU
#70 Chapel over West River	6/25/05	9:24	20,100		18.3	136	0.00	1.79	1.34	0	6	2.35	8.16	1.2	38.8	1.79		
#70 Chapel over West River	11/9/05	14:55	850		4.4	179	0.00	4.01	0.00	0	0	0	4.1	1.87	76.8	5.41		
#70 Chapel over West River	10/17/06	14:15	>		14.4	80	0.26	0.44	1.40	0.38	44	25.6	67	3	16.5	1.64		
#70 Chapel over West River	9/11/07	11:41	>		23.2	48	0.54	0.54	1.20	0.42	14	9.07	35	0	10.8	2.57		
#70 Chapel over West River	9/27/10	15:45	6,400		10.6	39	0.27	0.50	2.03	0.42	157	37.8	63	0	20.14	0.65		
#70 Chapel over West River	10/27/10	11:15	236		9.3	265	0.00	2.43	0.15	0.08	13	2.77	3.7	0	75.63	2.43		
#70 Chapel over West River	11/4/10	11:00	2,500		9.4	241	0.00	2.34	0.00	0.13	47	2.04	11.3	0	77.12	3.2		
#70 Chapel over West River	9/6/11	11:00	320		15.4	128	0.00	0.36	0.86	0.07	7	4.39	15	0	29.21	1.22		
#70 Chapel over West River	9/4/12	7:00	1,800		16.8	1,034	0.37	0.96	0.86	0.11	12	9.9	47.3	0	1,007	1.58		
#70 Chapel over West River	12/23/13	1:12	400			442	0.00	0.62	0.62	0.18	30	16.89	41.4	1.6	22.4	2.82		
#70 Chapel over West River	9/25/14	14:04	2,500			85	0.44	0.78	2.2	0.26	7	9.02	18.7	2.8	17.16	1.73		
#70 Chapel over West River	9/12/15	8:00	60		15.8	19	0.00	0.2	0.95	0.1	113	3.36	15.3	6.4	0	2.76		
#70 Chapel over West River	9/19/16	11:10	5,480		26.7		0.79	2.8	2.56	0.37	11	10.3	89	1.5	58.4	2.8		
#70 Chapel over West River	11/25/14	12:00	25,994	192	13.1	163	0.00											
#70 Chapel over West River	11/25/14	12:00	22,398	116			0.00											
Average			6,336			220	0.18	1.37	1.09	0.19	35.46	10.27	32.23	1.41	111.54	2.35		
CB.538 to Outlet 70	11/29/16	15:00	90	2300	12.7	28.7	0.23	0.2	1.58	0.21	77.5	5.95	39.6	4.5	9.4	1.78		
CB.545 to Outlet 70	11/29/16	15:00	120	3700	11.7	25.7	0.1	0.2	1.62	0.31	104	7.16	39.6	3.2	7.9	1.82		
CB.883 to Outlet 70	11/29/16	14:00	800	1700	11.9	19.9	0.1	0.2	1.19	0.29	147.5	11.3	8.5	4.6	14.4	1.39		
Average			337	2567	12.10	24.77	0.14	0.20	1.46	0.27	109.67	8.14	29.23	4.10	10.57	1.66		