

Treated wastewater sampling results

This table provides results of treated wastewater sampling at the Governors Bay wastewater treatment plant. The tests are grouped together by sampling frequency. The consent sets median limits for 5-day biological oxygen demand, suspended solids, faecal coliforms and enterococci. Compliance or otherwise with median limits is indicated in the 'Complies?' column, which also gives the median limit. Compliance is indicated by a green YES and non-compliance a red NO.

Sample			Sampled: 1 Mar - 30 Nov: monthly, 1 Dec - end-Feb: weekly											Sampled monthly				Sampled annually in January								
Date	Time	No.	BOD5 (g/m3)	Median BOD5 (g/m3)	Complies? <30g/m3	Suspended solids (g/m3)	Median suspended solids (g/m3)	Complies? <30g/m3	Faecal coliforms (CFU/100ml)	Median Faecal coliforms (CFU/100ml)	Complies? <700 CFU/100ml	Enterococci (MPN/100ml)	Median Enterococci (MPN/100ml)	Complies? <1750 MPN/100ml	Dissolved reactive phosphorus (g/m3)	Ammoniacal nitrogen (g/m3)	Total oxidised nitrogen (g/m3)	Total nitrogen (g/m3)	Arsenic (mg/l)	Lead (mg/l)	Copper (mg/l)	Chromium (mg/l)	Cadmium (mg/l)	Zinc (mg/l)	Nickel (mg/l)	
20/07/2017	6:45	1709322	8.5	8.5	YES	25	20	YES	30	30	YES	63	10	YES	2.5	0.088	13	17								
9/08/2017	7:30	1710386	5.8	8.5	YES	21	21	YES	20	30	YES	41	21	YES	4.2		2	12	15							
20/09/2017	8:10	1711829	4.5	8.5	YES	15	21	YES	40	40	YES	10	41	YES	2.8	0.1	10	12								
25/10/2017	12:00	1712694	2.9	5.8	YES	15	21	YES	180	40	YES	10	10	YES	3.5	0.16	16	19								
14/11/2017	9:30	1714122	2.6	4.5	YES	24	21	YES	10	30	YES	10	10	YES	4.1	1.2	21	23.5								
6/12/2017	9:31	1715341	3.8	3.8	YES	23	21	YES	140	40	YES	10	10	YES												
13/12/2017	8:20	1715377	2.6	2.9	YES	14	15	YES	40	40	YES	10	15	YES	4.6	0.57	15	17.4								
20/12/2017	7:00	1715397	2.4	2.6	YES	14	15	YES	10	40	YES	10	10	YES												
27/12/2017	11:00	1715410	10	2.6	YES	33	23	YES	10	10	YES	20	10	YES												
3/01/2018	11:00	1716670	8.1	3.8	YES	56	23	YES	400	40	YES	360	10	YES												
10/01/2018	11:28	1716695	4.1	4.1	YES	20	20	YES	1100	40	YES	100	20	YES	3.8	0.71	7.1	9.4								
17/01/2018	8:45	1716719	1	4.1	YES	12	20	YES	20	20	YES	10	20	YES	3.8	0.2	6.6	8.1	0.001	0.001	0.0054	0.001	0.001	0.055	0.001	
24/01/2018	7:30	1716738	1.7	4.1	YES	7	20	YES	10	20	YES	10	20	YES												
31/01/2018	9:30	1716754	1.4	1.7	YES	7	12	YES	10	20	YES	10	10	YES												
7/02/2018	13:15	1716846	2.1	1.7	YES	10	10	YES	10	10	YES	10	10	YES												
14/02/2018	10:15	1716864	3.4	1.7	YES	13	10	YES	110	10	YES	63	10	YES	4.1	0.27	11	13.6								
21/02/2018	11:15	1716874	2.6	2.1	YES	19	10	YES	2700	10	YES	460	10	YES												
28/02/2018	14:00	1716882	2.1	2.1	YES	13	13	YES	10	10	YES	10	10	YES												
13/03/2018	11:30	1801218	3.9	2.6	YES	15	13	YES	20	20	YES	10	10	YES	5.9	1.5	29	33								
17/04/2018	11:30	1803678	3.5	3.4	YES	6	13	YES	270	110	YES	10	10	YES	6.5	0.67	20	22.3								
15/05/2018	11:30	1805116	2.3	2.6	YES	10	13	YES	50	50	YES	10	10	YES	3.9	0.5	14	16.5								
19/06/2018	9:15	1806231	4.8	3.5	YES	21	13	YES	10	20	YES	10	13	YES	2.8	0.005	17	19.1								
5/07/2018	4:00	1807150	6.7	3.9	YES	3	10	YES	10	20	YES	10	10	YES	4.3	0.48	15	18.8								
13/08/2018	19:45	1809192	4.7	4.7	YES	14	10	YES	10	10	YES	10	10	YES	3.9	0.28	14	16.1								
7/09/2018	11:30	1810042	2.1	4.7	YES	8.8	10	YES	10	10	YES	10	10	YES	3	0.47	3.1	4.1								
11/10/2018	10:30	1811449	3.2	4.7	YES	15	14	YES	10	10	YES	10	10	YES	2.8	1.3	14	16.7								
5/11/2018	14:00	1812520	2.8	3.2	YES	16	14	YES	10	10	YES	10	14	YES	4	0.81	9.2	12.7								
6/12/2018	8:32	1814472	22	3.2	YES	32	15	YES	5900	10	YES	1700	10	YES	4.6	7.2	11	20.4								
13/12/2018	12:30	1814501	55	3.2	YES	35	16	YES	250	10	YES	160	16	YES												
20/12/2018	11:45	1814509	2.1	3.2	YES	12	16	YES	40	40	YES	10	10	YES												
27/12/2018	11:00	1814517	2.3	2.8	YES	15	16	YES	10	40	YES	10	16	YES												
3/01/2019	12:00	1815746	3.8	3.8	YES	25	25	YES	500	250	YES	740	160	YES												
8/01/2019	11:06	1815724	1.8	2.3	YES	6.3	15	YES	10	40	YES	10	10	YES	2.9	1.8	9.4	12.1								
17/01/2019	13:15	1815764	2.5	2.3	YES	4.2	12	YES	10	10	YES	10	10	YES					0.0015	0.001	0.0042	0.001	0.001	0.035	0.001	
24/01/2019	9:25	1815783	1.7	2.3	YES	9	9	YES	110	10	YES	20	10	YES												
30/01/2019	20:10	1815798	3	2.5	YES	4.2	6.3	YES	10	10	YES	10	10	YES												
7/02/2019	8:00	1817042	1.4	1.8	YES	6	6	YES	10	10	YES	10	10	YES	2.8	0.19	17	18.2								
14/02/2019	7:15	1817028	5.7	2.5	YES	6.3	6	YES	10	10	YES	10	10	YES												
21/02/2019	9:20	1817059	1.7	1.7	YES	5	6	YES	10	10	YES	10	10	YES												
28/02/2019	8:30	1817067	2.3	2.3	YES	10	6	YES	10	10	YES	10	10	YES												
6/03/2019	6:00	1902370	1.5	1.7	YES	6	6	YES	10	10	YES	10	10	YES	3.9	0.035	15	18								
16/04/2019	10:30	1903635	9.1	2.3	YES	30	6.3	YES	270	10	YES	160	10	YES	6.2	4	8.8	16								

Legend
 Median Median of 5 consecutive results
 BLUE <Value
 RED >Value
 Not required
 BOD5 5-day biological oxygen demand
 g/m3 Grams per cubic metre
 mg/l Milligrams per litre
 CFU Colony forming unit
 MPN Most probable number