

Iluka Monitoring Point 2 - Ebb-tide release

Biochemical ox Total suspen Nitrogen (tot Ammonia Oil and grease Phosphorus (Faecal coliforms

Date	Parameter 1	Parameter 2	Parameter 3	Parameter 4	Parameter 5	Parameter 6	Parameter 7	Parameter 8	Parameter 9	Parameter 10	Parameter 11	Parameter 12	Parameter 13	Parameter 14	Parameter 15	Parameter 16	Parameter 17	Parameter 18	Parameter 19	Parameter 20
2/05/2017	7.22	0.5	<1	<2	0.058	5.70	0.014		1.65	1.13	4.04	<0.005	0.03	<1	<1 Post UV	80.4	80.8		9/05/2017	
16/05/2017	7.12	1	<1	▶ 2.9	0.04	4.84	0.009		0.47	0.036	4.37	<0.005	0.03	<1	Not available	84	85.4		23/05/2017	
30/05/2017	7.20	2	<1	▶ 3.7	0.04	5.33	0.011		0.04	0.027	5.290	<0.005	0.06	<1	Not available	83.5	83.9		8/06/2017	
15/06/2017	7.20	2	<0.5	▶ 2.2	0.02	5.39	Not Available	0.01	Not available	0.033	4.57	<0.005	0.03	<1	Not available	77	79.9		23/06/2017	
28/06/2017	6.96	3	<1	<2.0	0.03	5.65	0.013		0.45	0.040	5.200	<0.001	0.19	<1	Not available	76.5	76.8		4/07/2017	
11/07/2017	7.2	<2	<2	<2	<0.03	5.10	<0.03	Not available	0.40	<0.05	4.70	<0.05	Not Available	0	Not Available	71.1	73.6	w from CHL	18/07/2017	
25/07/2017	7.1	<2	<2	<2	0.04	7.10	<0.03		6	▶ 4.56	1.10	<0.05		0		69.5	72.7		2/08/2017	
8/08/2017	7.2	<2	<2	<2	<0.03	4.66	<0.03		0.38	0.25	4.28	<0.05		0		73.4	76		2/08/2017	
22/08/2017	7.2	2	<2	<2	<0.03	4.08	<0.03		0.78	<0.05	3.30	<0.05		0		73.7	75		28/08/2017	
5/09/2017	7.2	<2	<2	<2	<0.03	5.54	<0.03		1.11	0.24	4.43	<0.05		0		72.7	75.9		15/09/2017	
20/09/2017	7.3	<2	<2	<2	0.04	3.91	<0.03		3.91	<0.05	3.85	<0.05		0		74	74.4		4/10/2017	
3/10/2017	7.3	3	<2	<2	0.07	6.63	<0.03		3.07	▶ 2.16	3.56	<0.05		0		67.2	68.6		13/10/2017	
18/10/2017	7.1	<2	<2	<2	0.05	6.57	<0.03		2.48	1.77	4.09	<0.05		0		76.6	79.4		30/10/2017	
31/10/2017	7	<2	<2	<2	<0.03	5.70	<0.03		1.10	0.36	4.60	<0.05		0		73.8	77		9/11/2017	
14/11/2017	7.2	5	<2	<2	<0.03	5.78	<0.03		0.52	<0.05	5.26	<0.05		0		75.7	79.7		23/11/2017	
28/11/2017	7.2	<2	<2	<2	0.03	4.95	<0.03		0.24	<0.05	4.71	<0.05		0		77.8	82.2		6/12/2017	
12/12/2017	7.1	2	<2	<2	0.03	6.25	<0.03		1.55	0.06	4.70	<0.05		0		72.9	78.9		4/01/2018	
2/01/2018	7.4	<2	8	<2	0.07	▶ 11.1	<0.03		5.93	▶ 5.35	4.53	0.64		0		55.1	59.7	See notation to the right	17/01/2018	
9/01/2018	7.3	3	7	<2	▶ 0.35	▶ 15.6	0.19		12.4	▶ 11.5	2.92	0.25		8		68.2	72		22/01/2018	
23/01/2018	7.2	3	2	<2	<0.03	6.52	<0.03		1.11	0.54	5.32	0.09		11		70.9	74.6		7/02/2018	
6/02/2018	7.2	4	<2	<2	<0.03	4.84	<0.03		0.86	0.11	3.98	<0.05		0		83.4	84.8		22/02/2018	
20/02/2018	7.3	3	<2	<2	0.03	5.4	<0.03		0.34	0.05	5.06	<0.05		0		76.7	79.2		1/03/2018	
6/03/2018	7.1	<2	2	<2	<0.03	5.42	<0.03		0.52	<0.05	4.9	<0.05		2		77.4	80.2		15/03/2018	
20/03/2018	7.1	3	<2	<2	0.05	4.54	<0.03		0.52	0.13	4.02	<0.05		0		78.1	80.4		29/03/2018	
3/04/2018	7.1	2	<2	<2	0.06	5.19	<0.03		0.84	0.24	4.35	<0.05		0		68.9	73.5		12/04/2018	
17/04/2018	7.1	3	<2	<2	0.05	5.29	<0.03		0.89	0.09	4.34	0.06		2		75.2	77.8		26/04/2018	
1/05/2018	7.1	3	<2	<2	<0.03	6.5	<0.03		0.27	<0.05	6.23	<0.05		0		83.5	85.2		10/05/2018	
15/05/2018	7	<2	<2	<2	<0.03	6.4	<0.03		0.38	<0.05	6.02	<0.05		0		80.3	84.4		23/05/2018	
29/05/2018	6.9	3	<2	<2	0.16	7	<0.03		0.83	<0.05	6.17	<0.05		0		82.7	86.1		4/06/2018	
12/06/2018	6.9	<2	<2	<2	<0.03	7.5	<0.03		0.49	0.07	7.01	<0.05		0		77.6	81.2		21/06/2018	
26/06/2018	7	3	<2	<2	0.03	6.93	<0.03		0.32	<0.05	6.61	<0.05		0		78.2	83.1		3/07/2018	
10/07/2018	7	<2	<2	<2	<0.03	5.95	<0.03		0.2	0.09	5.75	<0.05		0		79.5	80.9		17/07/2018	
24/07/2018	7	4	<2	<2	<0.03	4.99	<0.03		0.28	<0.05	4.71	<0.05		0		78.8	82.1		2/08/2018	
7/08/2018	7.1	2	<2	<2	<0.03	5.36	<0.03		1.37	0.37	3.99	<0.05		0		67.8	73.2		16/08/2018	
21/08/2018	7.1	2	<2	<2	0.04	4.97	<0.03		2.03	1.57	2.94	<0.05		0		72.5	76.8		28/08/2018	
4/09/2018	7.1	▶ 11	<2	<2	0.07	5.03	<0.03		1.95	1.27	3.08	<0.05		48		78.1	82.7		11/09/2018	
18/09/2018	7.1	9	<2	<2	0.09	6.8	<0.03		3.27	▶ 2.66	3.53	<0.05		0		72.9	76.2		26/09/2018	
2/10/2018	7.2	<2	<2	<2	0.12	6.59	0.06		3.67	▶ 2.93	2.92	<0.05		0		65.3	70.4		9/10/2018	
16/10/2018	7.2	4	2	<2	0.09	6.37	0.05		2.94	▶ 2.7	3.43	<0.05		0		73.2	78.5		25/10/2018	
30/10/2018	7.3	2	<2	▶ 3	▶ 0.45	6.41	0.35		2.76	▶ 2.14	3.65	<0.05		0		63.5	64.3		8/11/2018	
13/11/2018	7.6	<2	6	<2	▶ 0.59	6.64	0.48		2.33	1.38	3.87	0.44		0		69.8	73.6		22/11/2018	
27/11/2018	7.3	2	3	<2	0.29	5.82	0.21		0.86	<0.05	3.95	1.01		0		74.8	75.6		6/12/2018	
12/12/2018	7.3	3	<2	<2	0.17	4.9	0.11		0.6	0.08	4.3	<0.02		0		72.1	74.6		18/12/2018	
2/01/2019	7.1	<2	2	<2	<0.03	6.33	<0.02		1.17	1	4.95	0.21		0		67.5	73.5		10/01/2019	
9/01/2019	6.9	3	<2	<2	<0.03	5.48	<0.02		0.23	<0.02	5.25	<0.02		0		73.1	80.9			

Explanation for the high level of nitrogen is an extended period of no aeration due to blower failure. The VSD went out on thermal overload (Blower No 1) with cooling fan failure. The SCADA would not call for either one of the other blowers to cut in. We were manually aerating whilst in normal attendance at the plant during the day but the system would again fail between cycles during the evening. Upon initial detection, all decanted effluent was diverted to pond B in order to be pumped back to the inlet works for a second treatment process. Initially, prior to discovering the fault, a large volume of effluent exposed to no aeration would of made it into pond A thus contaminating the existing treated effluent. This occurred over the Christmas break and technical staff were not able to attend. The problem was traced back to SCADA programming and resolved by Ben Forestal from Safegroup. The VSD from Blower 1 has been sent back to the manufacturer as damage occurred to the printed circuit board prior to the activation of overtemperature protection.

Iluka Monitoring Point 2 - Ebb-tide release

	Biochemical oxygen demand (BOD5)								Total suspended solids (TSS)				Nitrogen (tot Ammonia)		Oil and grease		Phosphorus (Total Phosphorus)		Faecal coliforms
Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
22/01/2019	7.2	5	<2	<2	0.03	5.32	<0.02	0.34	<0.02	4.98	<0.02	2	72.5	81.6	29/01/2019				
5/02/2019	6.8	3	<2	<2	<0.03	5.47	<0.02	0.68	0.17	4.77	0.02	0	85.4	86.1	13/02/2019				
19/02/2019	6.7	15	<2	<2	0.17	5.98	<0.02	1.11	0.02	4.87	<0.02	0	76.6	83.5	28/02/2019				
5/03/2019	5.9	2	<2	<2	<0.03	9.6	<0.02	1.77	<0.02	7.83	<0.02	0	74.6	81.7	15/03/2019				
19/03/2019	6.2	<2	<2	<2	<0.03	8.94	<0.02	1.87	0.06	7.07	<0.02	0	70.1	74.3	28/03/2019				
2/04/2019	7.2	<2	<2	<2	<0.03	9.46	<0.02	1.25	0.07	8.21	<0.02	0	68.8	74.8	11/04/2019				
16/04/2019	7.3	<2	<2	<2	<0.03	9.93	<0.02	2.62	0.07	7.31	<0.02	0	73.4	76.5	2/05/2019				
30/04/2019	7.4	2	<2	<2	<0.03	13.3	<0.02	2.39	<0.02	10.9	<0.02	0	61.5	68.3	9/05/2019				
14/05/2019	7.5	2	<2	<2	<0.03	10.1	<0.02	1.34	<0.02	8.71	<0.02	0	83.9	86.1	23/05/2019				
28/05/2019	7.1	2	<2	<2	<0.03	9.16	<0.02	1.36	<0.02	7.8	<0.02	0	80.3	83.5	6/06/2019				
11/06/2019	7.2	722	2	<2	3.44	14.9	<0.02	6.87	0.61	8.01	0.04	2	72.3	76.3	20/06/2019				
25/06/2019	7.4	<2	<2	<2	<0.03	10.9	<0.02	2.88	0.52	8.02	<0.02	0	80.7	83.1	4/07/2019				
9/07/2019	7.4	2	<2	<2	<0.03	12.9	<0.02	1.35	0.5	11.5	<0.02	0	72.2	78	17/07/2019				
23/07/2019	7.4	<2	<2	<2	<0.03	9.64	<0.02	0.16	<0.02	9.48	<0.02	0	73.5	77.5	5/08/2019				
6/08/2019	7.4	<2	<2	<2	<0.03	6.68	<0.02	0.18	<0.02	6.51	<0.02	0	75.9	83.5	12/08/2019				
20/08/2019	7.3	3	<2	<2	0.03	8.69	<0.02	3.81	3.51	4.88	<0.02	0	76.4	79.5	27/08/2019				
3/09/2019	7.4	4	<2	<2	<0.03	4.85	<0.02	0.42	<0.02	4.43	<0.02	0	77.1	82.1	12/09/2019				
17/09/2019	7.3	2	<2	<2	<0.03	4.57	<0.02	0.3	0.02	4.27	<0.02	0	77.7	79.9	26/09/2019				
1/10/2019	7.5	2	<2	<2	<0.03	4.09	<0.02	0.32	0.15	3.77	<0.02	0	75.1	79.6	11/10/2019				
15/10/2019	7.4	<2	<2	<2	<0.03	4.21	<0.02	0.28	<0.02	3.93	<0.02	0	79.1	83.8	24/10/2019				
29/10/2019	7.4	<2	<2	<2	<0.03	3.86	<0.02	0.12	<0.02	3.74	<0.02	0	78.4	80.3	7/11/2019				
12/11/2019	7.4	2	<2	<2	<0.03	3.98	<0.02	0.37	0.03	3.61	<0.02	0	79.6	82	20/11/2019				
26/11/2019	7.1	<2	<2	<2	<0.03	4.4	<0.02	<0.05	0.02	4.38	<0.02	0	78.5	82.6	5/12/2019				
10/12/2019	7	2	<2	<2	<0.03	4.09	<0.02	0.7	0.1	3.39	<0.02	0	77.2	78.9	18/12/2019				
2/01/2020	7.3	3	<2	<2	0.03	4.79	<0.02	1.38	1.38	3.41	<0.02	0	67.6	71.9	15/01/2020				
7/01/2020	7.3	2	<2	<2	<0.03	4.83	<0.02	1.29	1.29	3.52	0.02	0	75.5	77.3	15/01/2020				
21/01/2020	7.3	4	<2	<2	<0.03	4.46	<0.02	0.14	0.02	4.32	<0.02	0	81.5	83.1	31/01/2020				
4/02/2020	7.2	<2	<2	<2	<0.03	4.71	<0.02	1	0.03	4.61	<0.02	0	77.9	83	11/02/2020				
18/02/2020	7.3	3	<2	<2	<0.03	5.56	<0.02	0.34	0.16	5.22	<0.02	0	74.4	82.4	25/02/2020				
3/03/2020	7.4	<2	<2	<2	<0.03	4.91	<0.02	0.11	0.05	4.8	<0.02	0	76.8	81.2	11/03/2020				
17/03/2020	7.4	2	<2	<2	<0.03	6.04	<0.02	1.05	0.96	4.99	<0.02	0	82.1	83.5	1/04/2020				
31/03/2020	7.2	<2	<2	<2	<0.03	5.61	<0.02	0.65	0.14	4.96	<0.02	0	73.7	77	9/04/2020				
14/04/2020	7.2	<2	<2	<2	<0.03	6.97	<0.02	0.24	<0.02	6.73	<0.02	0	78.8	81.4	22/04/2020				
28/04/2020	6.9	<2	<2	<2	<0.03	5.53	<0.02	0.16	0.02	5.37	<0.02	0	76.6	81	7/05/2020				
12/05/2020	7.3	<2	<2	<2	0.03	5.75	<0.02	0.44	<0.02	5.31	<0.02	0	76.6	81.3	12/05/2020				
26/05/2020	7	5	<2	<2	<0.03	5.24	<0.02	0.11	<0.02	5.13	<0.02	0	80	83.2	4/06/2020				
9/06/2020	7.1	<2	<2	<2	<0.03	3.96	<0.02	0.25	0.05	3.71	<0.02	0	77.5	78.8	9/06/2020				
23/06/2020	7.4	2	<2	<2	0.03	4.42	<0.02	0.56	0.03	3.86	<0.02	0	74.6	79.6	2/07/2020				
7/07/2020	7.6	<2	<2	<2	0.03	4.72	<0.02	0.63	0.38	4.09	<0.02	0	71.9	76.3	14/07/2020				
21/07/2020	7.5	2	<2	<2	0.03	5.48	<0.02	0.88	0.5	4.6	<0.02	0	73.5	76.5	29/07/2020				
4/08/2020	7.4	3	<2	<2	<0.03	6.85	<0.02	2.7	2.31	4.15	<0.02	0	78	82.1	12/08/2020				
18/08/2020	7.2	<2	<2	<2	<0.03	4.97	<0.02	1.01	0.74	3.96	<0.02	0	73.9	79.2	27/08/2020				
1/09/2020	7.3	5	<2	<2	<0.03	4.28	<0.02	0.67	0.47	3.61	<0.02	0	71.2	76	9/09/2020				
15/09/2020	7.3	2	<2	<2	<0.03	4.36	<0.02	0.2	0.19	4.16	<0.02	0	76.9	80.7	22/09/2020				
29/09/2020	7.4	6	<2	<2	<0.03	4.89	<0.02	0.51	0.41	4.38	<0.02	0	75.6	78.2	7/10/2020				
13/10/2020	7.5	<2	<2	<2	<0.03	6.8	<0.02	2.86	2.86	3.92	0.02	0	75.9	81.7	21/10/2020				
27/10/2020	7.6	3	<2	<2	0.03	4.02	<0.02	0.56	0.23	3.46	<0.02	0	75.3	76.2	4/11/2020				
10/11/2020	7.6	3	<2	<2	<0.03	4.26	<0.02	0.18	<0.02	4.08	<0.02	0	75.6	78.1	18/11/2020				
24/11/2020	7.6	<2	<2	<2	0.03	3.99	<0.02	0.29	0.08	3.7	<0.02	2	72.9	77.2	4/12/2020				
8/12/2020	7.5	3	<2	<2	0.03	3.91	<0.02	0.29	0.14	3.62	<0.02	12	78.8	80.4	16/12/2020				
21/12/2020	7.4	<2	<2	<2	<0.03	4.61	<0.02	0.75	0.14	3.83	0.03	42	75.1	76.2	21/12/2020				
5/01/2021	7.5	3	<2	<2	0.04	9.63	<0.02	6.79	6.04	2.8	0.04	0	71	72	5/01/2021				
19/01/2021	7.4	3	<2	<2	<0.03	7.34	<0.02	2.26	1.39	5.08	<0.02	0	74.8	75.2	19/01/2021				
2/02/2021	7.4	3	<2	<2	0.03	6.5	<0.02	0.34	0.12	6.16	<0.02	0	68.2	77	2/02/2021				
16/02/2021	7.2	4	<2	<2	0.04	5.44	<0.02	0.28	0.04	5.16	<0.02	0	79.1	80.7	16/02/2021				
2/03/2021	7.4	4	<2	<2	<0.03	4.68	<0.02	0.26	0.05	4.42	<0.02	0	76.5	77.9	2/03/2021				
16/03/2021	7.4	2	<2	<2	<0.03	5.15	<0.02	0.97	0.22	4.16	0.02	2	74.9	77.4	16/03/2021				
30/03/2021	7.3	<2	<2	<2	<0.03	6.01	<0.02	0.26	0.07	5.75	<0.02	2	76.9	80	30/03/2021				
13/04/2021	7.3	3	<2	<2	<0.03	6.17	<0.02	<0.05	<0.02	6.17	<0.02	0	75.2	77.2	13/04/2021				
27/04/2021	7.3	<2	<2	<2	<0.03	7.13	<0.02	1.11	<0.02	6.02	<0.02	0	79.2	80.7	27/04/2021				
11/05/2021	7.2	5	<2	<2	<0.03	6.23	<0.02	0.15	0.15	6.08	<0.02	0	76.9	81	11/05/2021				
25/05/2021	7.1	<2	<2	<2	<0.03	5.38	<0.02	<0.05	<0.02	5.37	<0.02	0	79.9	80.8	25/05/2021				
8/06/2021	7.1	4	<2	<2	<0.03	5.33	<0.02	0.28	<0.02	5.05	<0.02	0	78.8	80.4	8/06/2021				
22/06/2021	7.2	<2	<2	<2	<0.03	4.66	<0.02	<0.05	0.04	4.62	<0.02	0	73.8	76.9	22/06/2021				
6/07/2021	7.4	2	<2	<2	<0.03	3.83	<0.02	0.48	0.03	3.35	<0.02	0	75.5	78.7	6/07/2021				
20/07/2021	7.5	2	<2	<2	<0.03	3.99	<0.02	0.13	<0.02	3.86	<0.02	0	77.6	79.7	20/07/2021				
3/08/2021	7.5	<2	<2	<2	<0.03	5.35	<0.02	0.26	0.1	5.09	<0.02	0	79.6	82.9	3/08/2021				
17/08/2021	7.4	2	<2	<2	<0.03	4.3	<0.02	0.33	<0.02	3.97	<0.02	0	73.7	76.6	17/08/2021				
31/08/2021	7.4	<2	<2	<2	<0.03	3.77	<0.02	0.16	<0.02	3.61	<0.02	0	77.7	78.8	31/08/2021				

Iluka Monitoring Point 2 - Ebb-tide release

Biochemical oxygen demand (BOD) Total suspended solids (TSS) Nitrogen (total Ammonia Nitrogen) Oil and grease Phosphorus (Total Phosphorus) Faecal coliforms

Date	pH	Turbidity	Conductivity	TDS	TSS	BOD5	Oil & Grease	Total P	Total N	Sodium	Potassium	Calcium	Magnesium	Boron	Sodium Absorption Ratio	Chloride	Sulfate	Chloride / Sulfate Ratio	Free Chlorine (0.5 - 100th)	Total Chlorine	Faecal Coliforms (1 - 100th)	Lab	Comment	Date Data Obtained	
24/08/2016	7.35	2.3	0.88	600	2	N/A		0.04	5.19	134	23	26	4	0.053	6.5	122	111	1.1	0.04	0.4	N/A	EAL		6/09/2016	
6/09/2016	7.68	2	0.82	556	5	0.03		0.03	4.49	125	23	25	4	0.049	6.2	122	108	1.1	0.08	0.4	N/A	EAL		16/09/2016	
20/09/2016	8.22	3.2	0.74	500	1	insufficient sample		0.03	2.09	114	20	20	3	0.032	6.3	111	104	1.1	0.03	0.04	insufficient sample	EAL		27/09/2016	
5/10/2016	7.3	0.7	0.89	605	1	<1		0.03	5.94	138	28	27	4	0.049	6.5	145	125	1.2	0.04	1.48	<1	EAL		12/10/2016	
18/10/2016	7.36	8.3	0.9	609	20	1.1		0.42	4.43	134	24	27	4	0.048	6.3	135	120	1.1	0.38	1.06	<1	EAL		27/10/2016	
1/11/2016	7.43	1	0.92	623	2	<1		0.04	5.65	136	25	26	4	0.049	6.6	160	109	1.5	0.05	1.3	<1	EAL		15/11/2016	
15/11/2016	7.15	0.8	0.89	603	2	<1		0.03	3.39	121	23	27	3	0.04	5.9	124	112	1.1	0.7	1.2	<1	EAL		30/11/2016	
29/11/2016	7.43	0.9	0.81	553	2	<1		0.04	3.95	109	21	30	3	0.045	5.1	110	104	1.1	0.01	0.31	<1	EAL		13/12/2016	
13/12/2016	7.28	1.2	0.94	639	2	<1		0.06	4.29	124	22	32	3	0.05	5.5	136	109	1.2	0.34	0.82	<1	EAL		21/12/2016	
3/01/2017	7.47	1.4	1.05	714	3	<1		0.92	21.69	141	25	28	4	0.058	6.7	135	89	1.5	0.02	0.51	<1	EAL		17/01/2017	
12/01/2017	7.3	<1	0.96	653	3	<1		0.08	8.99	134	24	28	4	0.05	6.2	152	118	1.3	0.04	0.48	<1	EAL		27/01/2017	
25/01/2017	7.33	1	0.92	622	1	<2		0.09	6.56	124	25	27	4	0.067	5.9	128	113	1.1	<0.02	0.21	<1	EAL		7/02/2017	
7/02/2017	7.18	0.9	0.86	583	1	0.6		0.47	4.47	126	27	27	5	0.069	5.8	134	115	1.2	<0.02	0.2	<1	EAL		21/02/2017	
21/02/2017	7.26	0.9	1.87	1270	2	<1.0		0.66	5.02	333	26	28	6	0.072	15.1	416	136	3.1	0.03	0.44	6	EAL		2/03/2017	
7/03/2017	7.13	<1.0	1.06	721	<1	<1.0		0.09	4.46	168	22	26	4	0.061	8.2	169	116	1.5	0.02	0.07	<1	EAL		14/03/2017	
21/03/2017	7.23	1.7	0.9	614	3	<1		0.07	4.97	142	21	27	3	0.052	7.0	140	114	1.2	<0.02	0.10	3	EAL		29/03/2017	
4/04/2017	7.16	1.0	0.85	580	<1	<1		0.03	4.96	125	19	25	3	0.048	6.3	135	110	1.2	<0.02	0.03	<1	EAL		12/04/2017	
20/04/2017	8.63	1.2	0.59	402	3	1.6		0.06	3.16	88	15	25	2	0.036	4.5	75	70	1.1	0.03	0.02	41	EAL		1/05/2017	
2/05/2017	7.23	0.8	0.78	527	<1	<1		0.053	5.67	112	21	25	3	0.054	5.7	118	83	1.4	0.07	1.13	<1	EAL		11/05/2017	
16/05/2017	7.12	0.8	0.76	513	3	<1		0.04	4.83	112	22	26	3	0.048	5.5	106	87	1.2	<0.02	0.2	<1	EAL		23/05/2017	
30/05/2017	7.26	0.4	0.76	514	2	<0.5		0.03	4.72	104	23	25	3	0.061	5.2	103	86	1.2	0.04	0.50	<1	EAL		13/06/2017	
15/06/2017	7.22	0.4	0.77	523	<0.5	<0.5		0.02	5.23	117	23	29	3	0.061	5.5	110	82	1.3	0.03	0.10	<1	EAL		23/06/2017	
28/06/2017	6.97	0.8	0.68	460	1	<1.0		0.03	4.12	93	21	24	3	0.06	4.8	95	94	1	0.17	0.48	<1	EAL		4/07/2017	
11/07/2017	7.1	0.5	0.721	461	<2	<2		<0.05	5.20	91.1	23.4	23.3	3.5	0.090	4.6	112	96.5	1.16	Not Available	Not Available	0	CHL		18/07/2017	
25/07/2017	7.1	0.75	0.811	519	<2	<2		0.04	5.67	104	24.3	23.9	3.7	0.095	5.2	121	86.5	1.40			0	CHL		2/08/2017	
8/08/2017	7.2	2	0.799	511	<2	<2		<0.03	6.38	103	24.5	24.3	3.9	0.076	5.1	120	89.6	1.34			0	CHL		17/08/2017	
22/08/2017	7.2	0.55	0.802	513	2	<2		<0.03	3.85	107	23.3	21.9	3.6	0.076	5.6	128	91.8	1.39			0	CHL		28/08/2017	
5/09/2017	7.2	0.6	0.731	468	2	<2		<0.03	5.52	96.1	24.4	23.4	3.4	0.082	4.9	101	94.4	1.07			2	CHL		15/09/2017	
20/09/2017	7.2	0.60	0.917	587	<2	<2		0.04	3.56	135	24.3	24.3	3.6	0.080	6.8	169	97.1	1.74			0	CHL		4/10/2017	
3/10/2017	7.2	0.80	0.825	528	2	<2		0.07	6.75	111	24.9	23.2	3	0.077	5.7	134	98	1.37			0	CHL		13/10/2017	
18/10/2017	7.2	1.5	0.834	534	4	<2		0.04	6.64	111	24.5	22.8	2.9	0.081	5.8	137	104	1.33			0	CHL		30/10/2017	
31/10/2017	7	0.70	0.774	496	<2	<2		<0.03	5.61	106	24.3	22	2.9	0.038	5.7	132	101	1.31			0	CHL		9/11/2017	
14/11/2017	7.1	0.60	0.747	478	2	<2		<0.03	5.73	103	23.2	23.9	3.1	0.040	5.2	117	103	1.13	0.26	0.68		0	CHL		23/11/2017
28/11/2017	7.1	0.85	0.822	526	2	<2		0.03	4.96	110	24.9	23.2	3.3	0.079	5.6	121	126	0.96	0.12	0.64		0	CHL		6/12/2017
12/12/2017	7.1	0.90	0.868	556	<2	<2		0.03	6.62	120	23	23	3.3	0.072	6.2	129	120	1.08	0.09	0.25		0	CHL		4/01/2018
2/01/2018	7.4	0.75	0.846	541	<2	4		0.07	7.84	110	33	24	3	0.11	5.6	121	99	1.22	<0.05	0.05		0	CHL		17/01/2018
9/01/2018	7.3	0.70	0.947	606	3	9		0.34	15.4	120	35	23	3.3	0.062	6.2	139	102	1.36	0.07	0.09	3	CHL		22/01/2018	
23/01/2018	7.1	0.60	1.15	734	4	3		0.03	7.01	200	29	27	3.6	0.80	9.6	234	114	2.05	0.05	0.12	12	CHL		7/02/2018	
6/02/2018	7.2	0.50	0.83	532	2	<2		<0.03	4.87	130	33	27	3	0.088	6.3	147	102	1.44	0.06	0.07		0	CHL		22/02/2018
20/02/2018	7.3	0.95	0.734	470	3	<2		0.03	5.3	84	30	25	2.8	0.089	4.2	108	96	1.13	<0.05	0.12	5	CHL		1/03/2018	
6/03/2018	7.1	0.25	0.717	459	<2	<2		<0.03	5.39	90	23	27	3.3	0.072	4.3	99	115	0.86	0.02	0.04		0	CHL		15/03/2018
20/03/2018	7.1	0.50	0.72	461	3	<2		0.03	3.95	92	22	25	3.2	0.077	4.6	97	106	0.92	0.05	0.08		0	CHL		29/03/2018
3/04/2018	7	0.55	0.741	474	2	<2		0.05	5.17	93	23	26	3.6	0.086	4.6	99	117	0.84	<0.05	<0.05		0	CHL		12/04/2018
17/04/2018	7.1	0.65	0.755	483	2	<2		0.03	5.2	95	24	26	3.2	0.074	4.7	106	120	0.88	<0.05	0.07		0	CHL		26/04/2018
1/05/2018	7.1	1.80	1	642	2	<2		<0.03	6.26	143	25	27	3.3	0.067	6.9	192	109	1.76	0.05	0.25		0	CHL		10/05/2018
15/05/2018	7	0.40	0.888	568	<2	<2		<0.03	6.36	118	23	25	3.4	0.076	5.8	152	116	1.31	0.13	0.4		0	CHL		23/05/2018
29/05/2018	6.9	0.45	0.834	534	3	<2		0.05	7.31	111	23	25	3.4	0.063	5.5	129	108	1.19	0.06	0.21		0	CHL		4/06/2018
12/06/2018	6.9	0.20	0.859	549	<2	<2		<0.03	7.49	111	24	27	3.5	0.066	5.4	129	109	1.19	<0.05	<0.05		0	CHL		21/06/2018
26/06/2018	7	0.50	0.836	535	2	<2		0.03	6.77	99	20	23	3.5	0.064	5.1	127	119	1.07	0.11	0.56		0	CHL		3/07/2018

Date	pH	Turbidity	Conductivity	TDS	TSS	BOD5	Oil & Grease	Total P	Total N	Sodium	Potassium	Calcium	Magnesium	Boron	Sodium Absorption Ratio	Chloride	Sulfate	Chloride / Sulfate Ratio	Free Chlorine (0.5 - 100th)	Total Chlorine	Faecal Coliforms (1 - 100th)	Lab	Comment	Date Data Obtained
10/07/2018	7	0.30	0.823	527	<2	<2		<0.03	5.85	107	24	27	3.9	0.063	5.1	122	107	1.14	<0.05	0.13	0	CHL		17/07/2018
24/07/2018	7.1	0.55	0.927	594	4	<2		<0.03	5	119	23	24	4.3	0.07	5.9	146	104	1.4	0.3	0.72	0	CHL		2/08/2018
7/08/2018	7.1	0.35	0.983	629	2	<2		<0.03	5.48	133	24	25	5.5	0.076	6.3	164	109	1.51	0.15	1.03	0	CHL		16/08/2018
21/08/2018	7.2	0.55	0.975	624	2	<2		0.04	5	139	27	25	5.6	0.083	6.5	154	117	1.31	1.15	2.5	0	CHL		28/08/2018
4/09/2018	7.1	1.50	0.903	578	9	<2		0.06	4.83	118	25	23	4.9	0.071	5.8	140	124	1.13	0.09	0.1	75	CHL		11/09/2018
18/09/2018	7	2.00	1.13	726	11	2		0.1	6.91	169	27	27	6.4	0.088	7.6	216	152	1.42	5	6.6	0	CHL		24/09/2018
2/10/2018	7.2	0.80	0.983	629	<2	2		0.09	6.37	136	25	26	4.9	0.079	6.4	173	116	1.49	2.3	5.3	0	CHL		9/10/2018
16/10/2018	7.3	0.70	0.989	633	<2	2		0.09	6.15	132	26	28	4.7	0.088	6	160	112	1.42	<0.05	0.44	0	CHL		25/10/2018
30/10/2018	7.3	1.20	1.24	790	2	<2		0.46	6.68	179	24	26	4.6	0.069	8.5	235	92	2.55	<0.05	0.15	0	CHL		8/11/2018
13/11/2018	7.6	1.10	1.18	754	<2	4		0.6	6.85	188	26	25	4.7	0.079	9.1	173	110	1.57	0.05	0.25	0	CHL		22/11/2018
27/11/2018	7.3	0.50	1.1	706	4	3		0.28	5.69	173	25	26	5	0.073	8.1	146	123	1.19	<0.05	0.05	0	CHL		6/12/2018
12/12/2018	7.3	0.65	1.06	679	3	<2		0.16	4.69	157	26	26	5	0.092	7.4	151	137	1.1	<0.05	0.1	0	CHL		18/12/2018
2/01/2019	7.1	0.30	1.06	676	2	3		<0.03	6.41	161	26	25	4.5	0.074	7.8	137	186	0.74	<0.05	0.14	0	CHL		10/01/2019
9/01/2019	6.9	0.60	1.06	675	3	<2		0.03	5.45	153	27	27	4.8	0.089	7.1	131	209	0.63	0.78	1.3	0	CHL		17/01/2019
22/01/2019	7.2	0.70	1.1	702	3	<2		<0.03	5.34	165	27	28	5.2	0.079	7.6	134	235	0.57	0.18	0.55	0	CHL		29/01/2019
5/02/2019	6.8	0.50	1.15	736	<2	<2		<0.03	5.1	173	27	29	5.2	0.08	7.7	158	256	0.62	<0.05	0.1	0	CHL		13/02/2019
19/02/2019	6.7	2.70	1.24	791	14	<2		0.18	5.47	189	31	28	5.4	0.11	8.5	177	265	0.67	0.07	0.53	0	CHL		26/02/2019
5/03/2019	5.9	0.35	1.8	1150	2	<2		<0.03	8.86	302	32	29	5	0.095	13.7	364	281	1.3	0.62	1.3	0	CHL		15/03/2019
19/03/2019	6.2	0.30	1.56	999	<2	<2		<0.03	8.62	252	29	30	5	0.087	11.2	282	276	1.02	<0.05	0.06	0	CHL		28/03/2019
2/04/2019	7.2	0.50	1.3	833	<2	<2		<0.03	8.64	214	27	28	5.1	0.091	9.8	N/A	254	N/A	<0.05	0.09	0	CHL		11/04/2019
16/04/2019	7.3	0.60	1.23	785	2	<2		<0.03	9.87	199	27	26	4.7	0.084	9.4	153	229	0.67	<0.05	0.06	0	CHL		2/05/2019
30/04/2019	7.4	0.30	1.36	873	<2	<2		<0.03	13.7	234	29	27	4.8	0.083	10.9	161	274	0.59	0.9	1.42	0	CHL		9/05/2019
14/05/2019	7.5	0.35	1.38	884	2	<2		<0.03	9.99	235	28	27	4.7	0.08	11.1	139	299	0.46	1.21	1.89	0	CHL		23/05/2019
28/05/2019	7.1	0.40	1.13	722	<2	<2		<0.03	8.81	168	26	28	4.7	0.091	7.7	117	244	0.48	1.93	2.7	0	CHL		6/06/2019
11/06/2019	7	0.25	1.18	753	<2	<2		0.07	12.5	176	26	32	5.3	0.087	7.6	144	239	0.6	<0.05	<0.05	0	CHL		20/06/2019
25/06/2019	7.4	0.40	1.34	858	<2	<2		<0.03	10.1	214	29	25	6.4	0.093	9.9	169	227	0.74	0.16	2.14	0	CHL		4/07/2019
9/07/2019	7.5	1.00	1.31	837	2	<2		<0.03	12.1	213	27	28	6	0.09	9.6	172	229	0.75	0.05	0.67	0	CHL		17/07/2019
23/07/2019	7.4	0.30	1.46	935	<2	<2		0.03	10.1	254	29	27	6.2	0.097	11.4	208	253	0.82	0.6	1.26	0	CHL		5/08/2019
6/08/2019	7.4	0.20	1.38	881	<2	<2		<0.03	6.05	230	28	27	5.9	0.099	10.4	189	239	0.79	0.4	1.01	0	CHL		12/08/2019
20/08/2019	7.4	0.85	1.29	828	<2	<2		0.03	9.31	205	26	26	5.2	0.1	9.6	153	260	0.59	0.24	5.6	0	CHL		27/08/2019
3/09/2019	7.4	0.80	1.24	792	3	<2		<0.03	4.94	201	26	26	5.2	0.093	9.4	148	247	0.6	0.08	0.14	0	CHL		12/09/2019
17/09/2019	7.3	0.50	1.39	888	4	<2		<0.03	4.59	227	30	30	7.1	0.095	9.7	214	238	0.9	0.25	0.7	0	CHL		26/09/2019
1/10/2019	7.5	0.70	1.34	857	3	<2		<0.03	4.05	215	27	29	7	0.11	9.3	205	221	0.93	<0.05	0.47	0	CHL		11/10/2019
15/10/2019	7.5	0.40	1.38	881	2	<2		<0.03	4.29	217	30	28	7.1	0.09	9.4	220	212	1.04	0.55	1.14	0	CHL		24/10/2019
29/10/2019	7.4	0.40	1.26	806	<2	<2		<0.03	3.9	192	29	30	6.6	0.091	8.3	191	218	0.88	<0.05	0.08	0	CHL		6/11/2019
12/11/2019	7.4	0.55	1.27	812	2	<2		<0.03	3.96	205	29	29	5.9	0.088	9.1	193	226	0.86	<0.05	0.29	0	CHL		20/11/2019
26/11/2019	7.1	0.40	1.14	727	<2	<2		<0.03	4.3	177	30	32	6.5	0.088	7.4	177	223	0.79	<0.05	0.23	0	CHL		5/12/2019
10/12/2019	7	1.00	1.12	717	3	<2		0.03	4.14	170	30	31	6.3	0.087	7.3	161	242	0.67	<0.05	0.13	2	CHL		18/12/2019
2/01/2020	7.3	0.70	1.14	731	3	<2		<0.03	4.79	181	30	27	5.7	0.11	8.2	153	211	0.72	0.05	0.14	0	CHL		15/01/2020
7/01/2020	7.3	0.50	1.09	700	<2	<2		<0.03	4.34	162	31	27	5.5	0.11	7.4	145	198	0.74	<0.05	0.14	0	CHL		15/01/2020
21/01/2020	7.3	0.55	0.976	625	3	<2		<0.03	4.53	146	27	27	5	0.097	6.8	129	183	0.71	<0.05	0.44	0	CHL		30/01/2020
4/02/2020	7.2	0.40	1.02	655	<2	<2		<0.03	4.77	156	25	28	4.9	0.092	7.2	149	193	0.77	<0.05	0.28	0	CHL		11/02/2020
18/02/2020	7.4	0.60	0.996	637	4	<2		0.03	5.65	162	23	25	4.2	0.075	7.9	138	194	0.71	0.25	0.55	0	CHL		25/02/2020
3/03/2020	7.4	0.45	1.12	719	<2	<2		0.06	4.98	177	23	27	4.2	0.098	8.4	144	223	0.64	<0.05	0.12	0	CHL		11/03/2020
17/03/2020	7.3	0.50	1.13	720	2	<2		<0.03	5.6	171	26	29	4.3	0.097	7.9	156	224	0.7	0.19	0.45	0	CHL		1/04/2020
31/03/2020	7.1	0.35	1.14	727	<2	<2		<0.03	5.53	159	22	24	3.7	0.1	7.9	152	221	0.69	<0.05	0.25	0	CHL		9/04/2020
14/04/2020	7.2	0.40	1.09	695	2	<2		<0.03	6.94	162	25	28	4.5	0.097	7.5	146	219	0.66	<0.05	0.18	0	CHL		22/04/2020
28/04/2020	6.9	0.45	1.18	758	<2	<2		<0.03	5.53	182	25	29	4.6	0.092	8.3	170	222	0.77	<0.05	0.13	0	CHL		7/05/2020
12/05/2020	7.3	0.70	1.34	857	2	<2		0.03	5.76	213	25	29	4.8	0.096	9.6	210	222	0.95	0.05	0.42	0	CHL		21/05/2020
26/05/2020	7.1	0.45	1.07	682	4	<2		<0.03	5.41	152	24	29	4.7	0.095	6.9	130	208	0.63	1.3	1.98	0	CHL		4/06/2020
9/06/2020	7.1	0.30	1.03	662	5	<2		<0.03	4.1	143	24	29	4.6	0.091	6.5	121	213	0.57	<0.05	0.46	0	CHL		18/06/2020
23/06/2020	7.4	0.60	1.15	738	<2	<2		0.03	4.24	171	25	26	4.6	0.082	8.1	126	194	0.65	0.05	0.4	0	CHL		2/07/2020

Date	pH	Turbidity	Conductivity	TDS	TSS	BOD5	Oil & Grease	Total P	Total N	Sodium	Potassium	Calcium	Magnesium	Boron	Sodium Absorption Ratio	Chloride	Sulfate	Chloride / Sulfate Ratio	Free Chlorine (0.5 - 100th)	Total Chlorine	Faecal Coliforms (1 - 100th)	Lab	Comment	Date Data Obtained
7/07/2020	7.6	0.65	1.36	872	2	<2		0.03	4.73	212	27	27	5.7	0.089	9.7	175	206	0.85	0.13	1.03	0	CHL		14/07/2020
21/07/2020	7.5	0.50	1.43	914	<2	<2		<0.03	5.4	220	30	28	6.8	0.1	9.7	204	197	1.04	<0.05	0.67	0	CHL		29/07/2020
4/08/2020	7.4	0.65	1.23	790	<2	<2		<0.03	6.54	185	26	24	6.2	0.096	8.7	164	181	0.91	0.05	1.55	0	CHL		12/08/2020
18/08/2020	7.1	0.65	1.35	861	<2	<2		<0.03	4.73	199	27	25	6.2	0.092	9.2	216	194	1.12	0.72	1.36	0	CHL		27/08/2020
1/09/2020	7.3	0.70	1.34	859	3	<2		<0.03	4.27	202	26	28	6.6	0.092	8.9	204	200	1.02	0.38	0.81	0	CHL		9/09/2020
15/09/2020	7.3	0.7	1.28	819	2	<2		<0.03	4.42	199	30	27	5.9	0.098	9.1	178	202	0.88	0.43	0.79	0	CHL		22/09/2020
13/10/2020	7.5	0.8	1.39	888	4	<2		0.22	6.85	219	28	24	6.3	0.098	10.2	202	193	1.05	0.75	1.52	0	CHL		21/10/2020
27/10/2020	7.6	0.7	1.5	960	3	<2		<0.03	3.97	247	28	26	6.2	0.093	11.3	239	203	1.18	<0.05	0.88	0	CHL		4/11/2020
10/11/2020	7.6	0.5	1.4	899	2	<2		<0.03	4.17	223	28	28	5.8	0.098	10.1	200	210	0.95	0.21	0.72	0	CHL		18/11/2020
24/11/2020	7.6	1.1	1.36	869	2	<2		0.03	4	224	27	27	5.1	0.094	10.4	191	196	0.97	0.06	0.19	3	CHL		4/12/2020
8/12/2020	7.5	1.2	1.25	802	<2	<2		0.03	3.93	191	26	28	5.6	0.092	8.6	187	177	1.06	<0.05	0.14	3	CHL		16/12/2020
21/12/2020	7.4	2.2	1.14	729	<2	<2		<0.03	4.04	167	27	30	5.1	0.084	7.4	170	175	0.97	<0.05	0.06	51	CHL		21/12/2020
5/01/2021	7.5	1.1	1.14	730	6	<2		0.04	9.57	168	25	25	4.2	0.098	8.2	138	153	0.9	0.04	0.33	0	CHL		5/01/2021
19/01/2021	7.3	0.8	0.942	603	<2	<2		<0.03	7.16	131	26	26	4.4	0.085	6.2	115	147	0.78	0.24	1.43	0	CHL		19/01/2021
2/02/2021	7.4	0.9	0.984	630	4	<2		0.03	6.38	130	26	24	5.1	0.082	6.3	120	164	0.73	0.03	0.12	0	CHL		2/02/2021
16/02/2021	7.2	0.65	0.971	622	<2	<2		0.03	5.57	132	26	25	5.1	0.084	6.3	134	199	0.68	<0.05	0.2	0	CHL		16/02/2021
2/03/2021	7.4	0.65	1.04	663	2	<2		0.03	4.49	155	22	22	4.5	0.094	7.9	142	164	0.87	0.06	0.33	0	CHL		2/03/2021
16/03/2021	7.4	0.6	1.04	663	<2	<2		<0.03	5.16	149	24	25	4.4	0.098	7.3	126	169	0.74	<0.05	0.09	6	CHL		16/03/2021
30/03/2021	7.3	0.5	0.833	533	2	<2		<0.03	5.94	126	17	20	3.1	0.072	6.9	98	119	0.82	<0.05	0.09	8	CHL		30/03/2021
13/04/2021	7.3	0.45	0.914	585	3	<2		<0.03	6.12	128	20	24	3.8	0.076	6.4	104	138	0.76	0.05	0.38	0	CHL		13/04/2021
27/04/2021	7.2	0.4	1.1	702	3	<2		<0.03	5.99	160	24	26	4.8	0.076	7.5	159	157	1.02	1.11	1.81	0	CHL		27/04/2021
11/05/2021	7.2	0.45	1.1	701	3	<2		<0.03	5.9	157	24	25	4.8	0.084	7.6	156	158	0.99	1.01	1.66	0	CHL		11/05/2021
25/05/2021	7.1	0.65	1	643	6	<2		<0.03	5.29	149	25	24	4.4	0.077	7.3	131	161	0.81	0.19	0.74	0	CHL		25/05/2021
8/06/2021	7.2	0.6	1.01	648	3	<2		<0.03	5.58	149	25	25	4	0.083	7.3	122	163	0.75	0.18	0.95	0	CHL		8/06/2021
22/06/2021	7.2	0.4	1.13	722	3	<2		<0.03	4.63	170	26	26	4.5	0.083	8.1	152	161	0.95	<0.05	0.25	0	CHL		22/06/2021
6/07/2021	7.4	0.55	1.16	742	5	<2		<0.03	3.77	178	24	24	4.8	0.073	8.7	153	159	0.96	0.05	0.54	0	CHL		6/07/2021
20/07/2021	7.5	0.5	1.1	705	4	<2		0.04	4.15	192	27	24	4.2	0.076	9.5	135	184	0.74	0.86	1.47	0	CHL		20/07/2021
3/08/2021	7.5	0.45	1.27	815	3	<2		<0.03	5.4	210	26	25	6.5	0.071	9.6	180	184	0.98	<0.05	0.07	2	CHL		3/08/2021
17/08/2021	7.5	0.4	1.35	865	3	<2		<0.03	4.62	227	27	25	6.5	0.089	10.4	197	183	1.07	<0.05	0.37	0	CHL		17/08/2021
31/08/2021	7.5	0.35	1.35	866	<2	<2		<0.03	3.74	231	27	25	6.7	0.093	10.6	201	188	1.06	0.32	0.86	0	CHL		31/08/2021
14/09/2021	7.6	0.4	1.18	752	2	<2		<0.03	3.95	192	27	23	5.3	0.093	9.3	144	192	0.75	0.41	0.94	0	CHL		14/09/2021
28/09/2021	7.6	0.5	1.11	712	<2	<2		0.05	3.77	175	24	20	3.8	0.086	9.4	122	181	0.67	<0.05	0.29	0	CHL		28/08/2021
12/10/2021	7.6	0.5	1.17	747	2	<2		<0.03	3.75	198	23	22	4.5	0.079	9.9	137	177	0.78	0.04	0.41	0	CHL		12/10/2021
26/10/2021	7.6	0.5	1.24	797	<2	<2		0.14	3.58	222	24	22	5.1	0.074	11.1	166	174	0.96	<0.05	0.24	0	CHL		26/10/2021

Date	pH	TDS	TSS	BOD5	Oil & Grease	Total Phosphorus	Total Kjeldahl Nitrogen	Ammonia Nitrogen	Lab	Comment	Date Data Obtained
18/09/2018	7.5	177	7	10	<2	0.7	3.18	1.85	CHL		25/09/2018
16/10/2018	7.1	159	8	21	<2	1.34	2.43	1.14	CHL		25/10/2018
30/10/2018	3.6	1120	5	147	3	3.52	5.76	2.33	CHL		8/11/2018
13/11/2018	7.1	302	39	103	3	5.66	23.5	7.29	CHL		27/11/2018
12/12/2018	4	677	13	77	<2	1.89	7.09	1.95	CHL		18/12/2018
9/01/2019	3.7	836	22	98	3	1.87	8.18	2.65	CHL		17/01/2019
5/02/2019	5.2	590	46	140	5	3.98	18.3	4.75	CHL		13/02/2019
5/03/2019	6.8	208	17	<10	<2	0.97	5.69	3.92	CHL		15/03/2019
2/04/2019	7.2	366	59	138	<2	8.52	N/A	8.37	CHL		11/04/2019
2/04/2019	7.2	366	59	138	<2	8.52	27.9	8.37	CHL		18/04/2019
30/04/2019	7.1	443	31	138	<2	7.17	29.3	10.7	CHL		16/05/2019
28/05/2019	7.1	174	17	12	<2	0.45	2.87	0.59	CHL		6/06/2019
25/06/2019	5.4	1040	66	201	4	4.49	22.7	6.11	CHL		4/07/2019
23/07/2019	4.3	813	12	83	4	2.02	5.99	2.7	CHL		5/08/2019
20/08/2019	7	596	27	173	4	8.74	31.7	12.1	CHL		27/08/2019
17/09/2019	7.1	565	19	33	4	1.61	10.9	6.17	CHL		26/09/2019
15/10/2019	5.8	1030	49	>79	2	13.1	39.2	8.57	CHL		24/10/2019
12/11/2019	7.1	508	46	87	<2	4.51	19.1	9.72	CHL		20/11/2019
10/12/2019	7.2	681	44	141	7	9.52	35.6	24.7	CHL		2/01/2020
7/01/2020	7.2	991	19	41	<2	1.39	14.1	12.2	CHL		15/01/2020
4/02/2020	4.9	818	18	33	<2	2.35	10.1	6.45	CHL		11/02/2020
3/03/2020	7.6	1090	4	5	<2	3.39	21.7	21.7	CHL		11/03/2020
31/03/2020	7.1	779	9	19	<2	2.32	15.5	12.5	CHL		8/04/2020
28/04/2020	7.3	539	14	50	<2	3.32	15.8	9.97	CHL		7/05/2020
26/05/2020	7.4	596	14	8	<2	1.49	9.45	9.08	CHL		4/06/2020
23/06/2020	7.3	1770	40	28	<2	5.6	36.3	13.7	CHL		10/07/2020
21/07/2020	7.2	31500	12	24	2	0.98	9.18	9.05	CHL		29/07/2020
18/08/2020	7.1	702	24	54	<2	2.54	11.8	6.29	CHL		27/08/2020
15/09/2020	7.1	2470	24	43	3	1.27	13.7	9.15	CHL		15/09/2020
13/10/2020	7	304	27	49	2	2.22	8.96	5.14	CHL		21/10/2020
10/11/2020	7.2	273	29	18	<2	0.94	7.5	4.74	CHL		18/11/2020
8/12/2020	4.2	1070	36	85	<2	2.8	14.4	10.5	CHL		17/12/2020
5/01/2021	7.8	905	11	8	<2	9.58	54.3	51.9	CHL		5/01/2021
2/02/2021	7.1	3130	46	30	<2	5.89	64.6	34.5	CHL		2/02/2021
2/03/2021	7.3	241	12	15	<2	1.2	6.17	3.99	CHL		2/03/2021
30/03/2021	7.2	345	36	22	<2	1.39	5.64	3.92	CHL		30/03/2021
27/04/2021	7.3	1270	23	48	<2	3.02	18.9	13.2	CHL		27/04/2021
25/05/2021	7.2	415	17	10	<2	1.21	7.5	6.39	CHL		25/05/2021
22/06/2021	7.3	662	22	52	<2	2.47	17.7	6.21	CHL		22/06/2021
20/07/2021	7.2	433	30	32	5	2.76	19	14	CHL		20/07/2021
17/08/2021	7.1	730	22	34	<2	4.07	15.4	12.1	CHL		17/08/2021
14/09/2021	7.1	434	29	105	<2	7.3	29.3	13.3	CHL		14/09/2021
12/10/2021	7	171	49	42	<2	3.63	11.1	5.38	CHL		12/10/2021