Iluka Monitoring Point 2 - Ebb-tide release

													Biochemical ox	Total suspenc	Nitrogen (tot	Ammonia	Oil and grease	Phosphorus (	Faecal coliforms
												Total Coun	26	26	26	26	26	26	26
												Licence lim	10/15	10/20	10/15	2/5	2/10	0.3/1	200/600
												#conformir	26	26	26	26	26	26	26
												% conformi	100%	100%	100%	100%	100%	100%	100%
90%ile, 100%ile	6.5-8.5	10, 20	10,15	2,10	0.3, 1.0	10, 15				2.0, 5.0			0.5						
Sample Date	**pH**	**Total Suspended Solids mg/L**	**BOD5 mg/L**	**Oil & Grease mg/L**	**Total Phosphorus mg/L**	**Total Nitrogen mg/L**	**Orthophosphate mg/L**	**Phosphate mg/L**	**Total Kjeldahl Nitrogen mg/L**	**Ammonia mg/L**	**Nitrate mg/L**	**Nitrite mg/L**	**Chlorine (free) mg/L**	**Faecal Coliforms cfu/100ml**	**Ecoli**	**UV Transmission Unfiltered**	**UV Transmission Filtered**	**Comment**	**Data received**
5/11/2013																		Inflow to plant commenced October 2013	
19/11/2013																			
3/12/2013	8.17	3	0.5	0	0.03	1.33		0.021	0.44	0.131	0.893	<0.001	0.02	50					10/12/2013
17/12/2013	7.37	2	0.5	0	0.04	3.42		0.012	0.8	0.016	2.62	<0.001	4.7	0.5					24/12/2013
2/01/2014	7.35	0.5	0.5	0	0.08	17.49		<0.005	1.28	0.005	16.203	0.005	0.56	2					21/01/2014
14/01/2014	7.36	0.5	0.5	2	0.02	14.23		<0.005	0.16	0.005	14.078	<0.001	0.65	0.5					28/01/2014
28/01/2014	8.97	8	0.5	0	0.04	3.03		0.017	1.68	0.531	1.204	0.145	0.44	0.5					4/02/2014
11/02/2014	7.82	1	0.5	2.8	0.03	4.1		0.019	1.48	0.39	2.604	0.017	0.42	1			First discharge to ebb-ti		17/02/2014
25/02/2014	7.58	0.5	0.5	0	0.02	2.99		0.016	0.68	0.023	2.308	0.001	0.01	0.5					5/03/2014
11/03/2014	7.67	0.5	0.5	0	0.02	4.55		0.43	1.05	0.712	3.483	0.02	0.36	0.5			First discharge to golf cou		26/03/2014
25/03/2014	7.83	0.5	1	0	0.03	6.74		0.012	1.01	0.111	5.73	0.002	0.02	60					2/04/2014
8/04/2014	7.74	1	0.5	0	0.02	6.85		0.019	0.4	0.007	6.449	<0.001	0.66	0.5					15/04/2014
22/04/2014	7.28	0.5	0.5	0	0.02	6.37		0.008	2.02	0.087	4.35	<0.001	0.21	14					30/04/2014
6/05/2014	7.38	0.5	0.5	2.3	0.03	7.95		0.009	2.23	0.005	5.718	<0.001	0.38	0.5					19/05/2014
21/05/2014	7.36	2	1	0	0.03	7.37		0.009	1.94	0.076	5.432	0.006	0.03	11					4/06/2014
3/06/2014	7.33	1	0.9	0	0.03	6.7		0.015	0.54	0.069	6.157	0.001	0.21	12					11/06/2014
17/06/2014	7.31	3	1.8	2.2	0.06	6.15		0.016	0.7	0.162	5.447	0.001	0.12	0.5					23/06/2014
1/07/2014	7.28	1	1.2	0	0.16	14.97		0.093	11.51	10.57	3.25	0.21	3.1	0.5					9/07/2014
15/07/2014	7.12	25	6.2	8.8	1.03	47.25		0.129	46.29	11.921	0.842	0.118	0.29	0.5					28/07/2014
29/07/2014	6.85	3	1.7	0	0.07	16.32		0.012	11.06	8.555	0.189	5.069	0.1	0.5					5/08/2014
12/08/2014	6.96	3	1	0	0.03	9.71		0.022	5.75	4.791	2.558	1.403	0.65	0.5					27/08/2014
26/08/2014	6.8	0.5	3.4	0	0.04	4.95		0.013	1.91	0.906	2.44	0.603	0.07	3					10/09/2014
9/09/2014	6.69	3	1	0	0.06	5.38		0.01	4.42	4.22	0.942	0.022	0.1	0.5					16/09/2014
23/09/2014	7.17	1	3	5	0.06	6		0.01	3.37	1.067	2.366	0.256	0.12	4					7/10/2014
14/10/2014	7.09	1	2	0	0.05	10.62		0.01	3.22	0.729	7.273	0.126	0.1	1					21/10/2014
21/10/2014	7.11	1	2.02	3	0.02	8.05		<0.005	5.89	0.069	2.144	0.017	0.18	6					29/10/2014
4/11/2014	7.65	1	<1	2.3	0.04	6.69		<0.005	1.73	0.012	4.954	0.001	0.37	<1					12/11/2014
18/11/2014	7.53	1	1	<2	0.05	6.43		0.027	0.98	0.042	5.451	0.003	<0.01	1					26/11/2014
2/12/2014	7.96	<1	<1	2.4	0.02	6.13		0.009	3.14	0.047	2.984	0.002	<0.02	<1					9/12/2014
16/12/2014	7.7	4	1	2.8	0.02	7.24		0.014	4.7	0.655	2.492	0.05	0.02	9					23/12/2014
13/01/2015	7.48	2.00	1.20	3.30	0.04	5.22		0.01	0.53	0.28	4.07	0.62	<0.02	45.00					21/01/2015
27/01/2015	7.51	1	0.08	1.2	0.25	6.94		0.084	2.7	0.122	4.228	0.009	<0.02	2					3/02/2015
10/02/2015	7.73	4	1.3	<2.0	0.17	5.91		0.248	1.47	0.91	4.403	0.044	<0.02	<1					26/02/2015
24/02/2015	7.61	1.00	<1.0	<2.0	0.03	6.93		0.01	1.21	0.61	5.63	0.09	<0.02	4.00					3/03/2015
10/03/2015	7.62	2	1.1	2.8	0.04	9.21		0.01	0.39	0.026	8.765	0.055	0.03	<1					18/03/2015
24/03/2015	7.63	1	0.8	<2.0	0.05	7.73		0.025	2.35	0.246	5.341	0.039	0.02	<1					2/04/2015
7/04/2015	7.5	<1	<1	<2.0	0.05	8.67		0.017	1.19	0.018	7.482	0.002	<0.02	<1					14/04/2015
21/04/2015	7.54	1	<1	<2.0	0.04	9.19		0.011	2.71	0.652	6.467	0.015	<0.02	<1					12/05/2015
5/05/2015	7.52	<1	<1	14.7	0.04	7.83		0.01	1.11	0.012	6.721	0.001	<0.02	<1					12/05/2015
19/05/2015	7.43	3	4.3	3.1	0.03	10.76		0.006	3.37	0.014	7.383	0.001	0.03	<1					26/05/2015
2/06/2015	7.29	<1	<1	<2.0	0.03	6.94		0.008	1.61	0.007	5.3	0.03	<0.02	<1		77.1	77.2		15/06/2015
16/06/2015	7.25	2	<1	2.2	0.04	6.25		0.011	1.76	0.195	4.448	0.04	<1	<0.02		79	79.3		1/07/2015
30/06/2015	7.44	1	<1	9.1	0.003	6.23		0.006	0.45	0.019	5.778	0.002	<1	<1		88.8	90.3		16/07/2015
14/07/2015	7.57	1	1.1	<2	0.04	5.93		0.011	1.92	0.014	4.008	0.002	<1	0.02		84.48	85.54		22/07/2015
28/07/2015	7.27	2	<1	<2	0.03	5.56		0.007	2.2	0.048	3.364	<0.001	0.69	<1		75.9	77.7		11/08/2015
11/08/2015	7.34	<1	<1	3.8	0.03	5.28		0.011	1.28	0.126	3.992	0.005	<1	0.09		76.53	77.6		25/08/2015
25/08/2015	7.28	1	<1	<2	0.03	5.79		0.02	2.48	2.32	3.304	0.006	0.51	<1		80.5	81.3		1/09/2015
22/08/2015	7.47	<1	<1	<2	0.03	5.65		0.016	1.65	0.044	4.001	<0.001	<0.02	<1		76.9	77.1		2/10/2015
6/10/2015	7.54	4	<1	2.6	0.03	6.37		0.009	2.78	1.66	3.594	0.004	0.39	<1		69.2	71.8		
20/10/2015	7.46	6	<1	<2	0.04	5.49		0.017 (orthophosph	2.13	2.092	3.344	0.019	0.23	<1		79.36	79.48		
3/11/2015	7.45	<1	1.1	4.7	0.05	4.43		0.033	1.54	0.024	2.892	0.001	0.02	<1		82.7	83.2		
17/11/2015	7.51	2	<1	<2	0.01	4.71		0.009	0.73	0.07	3.958	0.022	<0.02	<1		81.1	81.8		24/11/2015
15/12/2015	7.44	<1	<1	<2	0.05	3.43		0.037	0.88	0.137	2.543	0.005	<0.02	<1		80.3	82		
1/12/2015	7.55	<1	<1	3.1	0.06	3.46		0.023	1.07	0.143	2.376	0.011	<0.02	41		80.5	81.2		
5/01/2016	7.46	<1	<1	2	0.05	3.43		0.031	0.99	0.158	2.437	0.004	<0.01	<1		81.2	83.7		
12/01/2016	7.52	1	<1	<2	0.06	5.74		0.016	1.86	0.539	3.883	0.004	0.15	<1		75.9	76.4		
27/01/2016	7.4	1	<1	3.4	0.06	4.23		0.028	0.47	0.084	3.751	0.004	<0.02	30		78.2	80.2		
9/02/2016	7.49	<1	<1	<2	0.06	4.4		0.061	2.04	0.057	2.367	0.002	0.02	<1		79.8	81.6		

Iluka Monitoring Point 2 - Ebb-tide release

													Biochemical ox	Total suspenc	Nitrogen (tot:	Ammonia	Oil and grease	Phosphorus (	Faecal coliforms
23/02/2016	7.41	2	<1	2.3	0.3	4.97		0.077	1.18	0.551	3.741	0.047	<0.02	<1		82.8	84.2		1/03/2016
8/03/2016	7.28	2	<1	2.8	0.01	7.22		0.011	1.1	0.133	6.07	0.048	<0.02	<1		92.1	92.6		15/03/2016
22/03/2016	7.27	5	<1	<2	0.1	5.75		0.024	0.86	0.056	4.89	<0.005	<0.02	<1		79	79.8		6/04/2016
14/04/2016	7.46	1	<1	2.3	0.03	5.49		0.013	0.47	<0.005	5.02	<0.005	0.93	<1		87.3	90.7		26/04/2016
19/04/2016	7.46	1	<1	6.7	0.05	5.67		0.021	0.26	0.017	5.41	<0.005	0.09	<1		85.8	86.9		5/05/2016
3/05/2016	7.35	<1	<1	3.1	0.04	7.67		0.017	0.83	0.021	6.84	<0.005	1.37	<1		83.3	84.9		17/05/2016
17/05/2016	7.52	<1	<1	<2	0.03	6.88		0.013	0.29	0.007	6.59	<0.005	1.44	<1		76.7	80.1		27/05/2016
31/05/2016	7.28	2	<1	<2	0.04	6.6		0.012	0.01	0.01	6.59	<0.005	0.4	<1		83.4	84.8		14/06/2016
14/06/2016	7.15	1	0.5	2.9	0.03	11.7		0.009	1.76	<0.005	9.94	<0.005	0.41	<1		79.8	80.9		22/06/2016
28/06/2016	7.08	3	<1	<2	0.34	17.3		0.298	1	1.12	16	<0.005	1.5	1		80.1	82.1		11/07/2016
12/07/2016	7.13	1	<1	<2	0.04	15.3	0.005	Not available	Not available	0.027	15	<0.005	0.04	1		82.9	85.36		26/07/2016
26/07/2016	7.33	1	<1	3.2	0.03	7.15	0.011	Not available	0.76	<0.005	6.39	<0.005	0.86	<1		78.4	78.7		9/08/2016
9/08/2016	8.09	<1	<1	3	0.03	5.2	0.013	Not available	0.01	0.006	5.19	<0.005	13.2	<1		80.8	82.5		16/08/2016
24/08/2016	7.36	<1	<1	6	0.03	4.45	0.006	Not available	<0.01	<0.005	4.44	<0.005	0.13	<1		83.8	84.2		24/08/2016
6/09/2016	7.58	2	<1	<2	0.02	4.06	<0.005	Not available	0.02	<0.005	4.04	<0.005	0.16	<1		79.9	81.1		16/09/2016
20/09/2016	7.05	3	<1	<2	0.03	4.14	0.01	Not available	0.04	0.013	4.1	<0.005	0.03	<1		80.6	81.3		27/09/2016
5/10/2016	7.27	1	<1	3.8	0.03	5.9	0.014	Not available	2.19	1.38	3.7	0.012	0.04	5		74.4	78.4		12/10/2016
18/10/2016	7.26	26	<1	2.3	0.47	4.2	0.012	Not available	0.38	0.033	3.82	<0.005	0.26	5	<1	77.1	80.5		27/10/2016
1/11/2016	7.53	2	<1	4.1	0.03	5.91	0.018	Not available	1.7	1.67	4.2	0.007	0.71	<1	<1	80.2	83.8		15/11/2016
15/11/2016	7.11	<1	<1	3.8	0.04	3.41	0.023	Post UV: <1	0.38	0.025	3.03	<0.005	0.69	<1	Not available	80.4	81.3		30/11/2016
29/11/2016	7.69	1	<1	4.3	0.04	3.45	0.01	Post UV: <1	0.21	0.108	3.23	0.008	<0.02	<1	Not available	84.2	84.4		13/12/2016
13/12/2016	7.28	1	<1	7	0.05	4.49	0.022	Not available	0.48	0.01	4	<0.005	0.38	<1	<1 Post UV	84.1	86.1		21/12/2016
3/01/2017	7.4	2	<1	<2	0.92	22.08	0.719	Not available	18.27	12.96	3.705	0.109	0.02	<1	Not available	71.6	72.3		17/01/2017
12/01/2017	7.28	1	<0.5	2	0.09	9.17	0.034	Not available	2	0.787	<0.005	7.16	0.03	<1	<10	76.7	79.6		27/01/2017
25/01/2017	7.24	1	1.8	2.5	0.09	6.37	0.033	Not available	1.38	0.1	4.97	0.016	0.02	<1	Not available	73.4	74		7/02/2017
7/02/2017	7.07	2	<1	2.4	0.47	4.4	0.372		0.47	0.028	3.928	<0.005	<0.02	<1	Not available	74.3	74.4		21/02/2017
21/02/2017	7.17	2	<1	<2.0	0.66	5	0.527	Not available	0.84	0.065	4.16	<0.005	0.003	26	Not available	71.0	72.7		2/03/2017
7/03/2017	7.04	1	<1	2.6	0.09	5.07	0.059		0.47	0.113	4.590	0.005	<0.02	<1	Not available	77.3	78.0		14/03/2017
21/03/2017	7.23	2	<1	2.7	0.20	5.06	0.187	Not available	0.61	0.391	4.420	0.031	<0.02	<1	Not available	80.8	81.1		29/03/2017
4/04/2017	7.04	<1	<1	<2	0.05	4.60	0.030	Not available	0.69	0.197	3.896	0.012	0.02	3	<1 Post UV	83.6	83.7		13/04/2017
20/04/2017	8.69	7	1.6	<2.0	0.06	3.16	0.005		1.21	0.404	1.810	0.140	<0.02	37	720 Post UV	74	77.5		1/05/2017
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 L	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		17/08/2017
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

Iluka Monitoring Point 2 - Ebb-tide release

													Biochemical ox	Total suspenc	Nitrogen (tot	Ammonia	Oil and grease	Phosphorus (	Faecal coliforms	
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	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.
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			
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	6.69	<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	

Iluka Monitoring Point 2 - Ebb-tide release

													Biochemical ox	Total suspenc	Nitrogen (tot:	Ammonia	Oil and grease	Phosphorus (	Faecal coliforms
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		7.3.7	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
14/09/2021	7.5	3	<2	<2	<0.03	4.07	<0.02		0.15	<0.02	3.92	<0.02		0		75.8	78.9		14/09/2021
28/09/2021	7.6	<2	<2	<2	0.04	3.61	<0.02		0.28	0.08	3.33	<0.02		0		77.6	79.2		28/09/2021
12/10/2021	7.5	4	<2	<2	0.04	3.82	<0.02		0.8	0.07	3.02	<0.02		0		77.7	79		12/10/2021
26/10/2021	7.6	<2	<2	<2	<0.03	3.46	<0.02		0.1	0.03	3.36	<0.02		0		76.8	77.2		26/10/2021
9/11/2021	7.6	<2	<2	<2	<0.03	3.52	<0.02		0.06	0.02	3.46	<0.02		0		75.4	76.2		9/11/2021
23/11/2021	7.6	3	<2	<2	<0.03	5.23	<0.02		1.31	1.07	3.92	<0.02		0		69.7	73.3		23/11/2021
7/12/2021	7.6	3	<2	<2	<0.03	6.84	0.02		1.25	1	5.59	<0.02		0		77.7	78.1		7/12/2021
21/12/2021	7.6	4	<2	<2	<0.03	6.91	<0.02		2.37	2.06	4.47	0.07		0		71.8	73.4		21/12/2021
4/01/2022	7.6	3	<2	<2	<0.03	6.48	<0.02		1.61	1.08	4.87	<0.02		0		75.8	77.4		4/01/2022
19/01/2022	7.5	<2	<2	<2	<0.03	5.7	<0.02		0.34	0.14	5.36	<0.02		0		77.9	79.5		19/01/2022
1/02/2022	7.6	4	<2	<2	<0.03	5.56	<0.02		0.22	0.09	5.34	<0.02		0		76	80.4		1/02/2022
15/02/2022	7.6	7	<2	<2	0.03	6.46	<0.02		<0.05	0.04	6.42	<0.02		0		73.7	77.3		15/02/2022
15/03/2022	7.1	<2	<2	<2	<0.03	4.77	<0.02		0.25	0.25	4.29	0.23		3		74.9	77.1		15/03/2022
29/03/2022	7.3	2	<2	<2	<0.03	5.11	<0.02		0.22	0.09	4.52	0.37		0		77.7	79.2		29/03/2022
12/04/2022	7.4	6	<2	<2	0.04	5.43	<0.02		0.45	0.03	4.98	<0.02		2		77.4	81.2		12/04/2022
26/04/2022	7.4	<2	2	<2	0.06	5.4	<0.02		0.26	0.02	5.14	<0.02		0		75.3	77.8		26/04/2022
10/05/2022	7.4	<2	<2	<2	<0.03	5.89	<0.02		0.51	<0.02	5.38	<0.02		0		79.5	81.5		10/05/2022
24/05/2022	7.4	<2	<2	<2	<0.03	5.7	<0.02		0.39	<0.02	5.31	<0.02		0		78.8	81.2		24/05/2022
7/06/2022	7.5	<2	<2	<2	0.05	6.32	<0.02		1.01	0.22	5.31	<0.02		0		78.4	80.3		7/06/2022
21/06/2022	8	<2	<2	<2	0.04	5.23	<0.02		0.28	<0.02	4.95	<0.02		0		74.2	76.8		21/06/2022
5/07/2022	7.8	2	<2	<2	<0.03	7.04	<0.02		0.45	0.06	6.59	<0.02		0		75.3	77.8		5/07/2022
19/07/2022	7.8	4	<2	<2	<.03	5.87	<.02		0.27	<0.02	5.6	<0.02		0		75.2	78.7		19/07/2022

Iluka Monitoring Point 2 - Ebb-tide release

														Biochemical ox	Total suspenc	Nitrogen (tot	Ammonia	Oil and grease	Phosphorus (	Faecal coliforms
2/08/2022	7.7	8	<2	<2	<0.03	6.34	<0.02		0.35	<0.02	5.99	<0.02		0			78	79.3		2/08/2022
16/08/2022	7.6	2	<2	<2	<0.03	6.57	<0.02		0.61	0.07	5.96	<0.02		0			73.8	77.7		16/08/2022
30/08/2022	7.6	4	<2	<2	<0.03	6.47	<0.02		0.27	0.02	6.2	<0.02		0			78.6	79.9		30/08/2022
13/09/2022	7.6	3	<2	<2	<0.03	6.43	<0.02		0.5	0.05	5.93	<0.02		0			64.3	71.3		13/09/2022
27/09/2022	7.5	<2	7	<2	<0.03	8.42	<0.02		3.51	2.72	4.18	0.73		0			77.5	79.9		27/09/2022
11/10/2022	7.5	<2	14	<2	<0.03	7.98	<0.02		2.73	2.43	4.11	1.14		0			74.9	77.5		11/10/2022
25/10/2022	7.8	17	<2	<2	0.15	6.53	<0.02		0.36	0.1	6.17	<0.02		0			76.8	79.7		25/10/2022
8/11/2022	7.8	<2	<2	<2	<0.03	6.04	<0.02		0.45	0.15	5.59	<0.02		0			80.7	83		8/11/2022
22/11/2022	7.6	<2	<2	<2	<0.03	7.26	<0.02		0.89	0.25	6.32	0.05		0			74.4	78.1		22/11/2022
6/12/2022	7.6	2	<2	<2	<0.03	6.99	<0.02		0.72	<0.02	6.27	<0.02		2			77.9	81		6/12/2022
20/12/2022	7.9	5	<2	<2	0.04	7.09	<0.02		0.22	0.02	6.87	<0.02		0			72.8	76.8		20/12/2022
3/01/2023	7.8	3	<2	<2	0.05	7.15	<0.02		3.32	1.2	3.83	<0.02		0			66	69.9		3/01/2023
17/01/2023	8.1	<2	<2	<2	0.07	3.79	<0.02		0.66	0.06	3.13	<0.02		0			67.9	71.6		17/01/2023
31/01/2023	7.7	5	<2	<2	0.05	4.15	<0.02		0.83	0.09	3.32	<0.02		2			75.5	78.6		31/01/2023
14/02/2023	7.6	10	<2	<2	0.06	6.12	<0.02		1.14	0.05	4.98	<0.02		0			76.2	78.6		14/02/2023
28/02/2023	7.5	10	<2	<2	0.08	5.07	<0.02		0.71	0.02	4.36	<0.02		0			74.4	77.8		28/02/2023
14/03/2023	7.7	5	<2	<2	0.03	4.13	<0.02		0.42	<0.02	3.71	<0.02		0			75.6	78.6		14/03/2023
28/03/2023	7.7	<2	<2	<2	0.03	3.88	<0.02		0.11	0.04	3.77	<0.02		0			78.5	82.1		28/03/2023
11/04/2023	7.8	<2	<2	<2	0.14	4.14	<0.02		0.25	0.1	3.89	<0.02		0			72	75.8		11/04/2023
26/04/2023	7.6	<2	<2	<2	<0.03	4.76	<0.02		0.32	0.09	4.44	<0.02		0			80.5	83.3		26/04/2023
9/05/2023	7.5	<2	<2	<2	0.03	6.17	<0.02		1.07	<0.02	5.1	<0.02		0			77.8	80.8		9/05/2023
23/05/2023	7.6	2	<2	<2	0.05	7.37	<0.02		0.23	0.03	7.14	<0.02		0			76.3	79.5		23/05/2023
6/06/2023	7.6	<2	<2	<2	<0.03	8.44	<0.02		2.43	0.03	6.01	<0.02		0			77.4	80.3		6/06/2023
20/06/2023	7.4	<2	<2	<2	0.05	5.96	<0.02		0.79	0.09	5.17	<0.02		0			75.3	79.6		20/06/2023
4/07/2023	7.4	<2	<2	<2	0.05	5.17	<0.02		0.39	0.04	4.78	<0.02		0			75.5	80.9		4/07/2023
18/07/2023	7.5	4	<2	<2	0.07	5.33	<0.02		0.89	0.06	4.44	<0.02		0			73.5	79.8		18/07/2023
1/08/2023	7.6	<2	<2	<2	0.04	4.89	<0.02		0.86	0.03	4.03	<0.02		0			73.8	79.7		1/08/2023
15/08/2023	7.5	5	<2	<2	0.03	5.28	<0.02		0.82	0.05	4.46	<0.02		0			78.5	81.7		15/08/2023
29/08/2023	7.6	5	<2	<2	0.04	4.85	<0.02		0.78	0.07	4.07	<0.02		0			76	80.2		29/08/2023
12/09/2023	7.5	<2	<2	<2	0.04	5.12	<0.02		0.68	0.09	4.44	<0.02		0			75.7	77.9		12/09/2023
26/09/2023	7.4	2	<2	<2	0.06	4.52	<0.02		0.74	0.06	3.78	<0.02		0			73	76.3		26/09/2023
10/10/2023	7.5	7	2	<2	0.06	4.09	<0.02		0.77	0.19	3.29	0.03		0			79	81.8		10/10/2023
24/10/2023	7.7	3	<2	<2	0.07	3.89	<0.02		0.09	<0.02	3.8	<0.02		0			78.7	81.7		24/10/2023
7/11/2023	7.6	2	<2	<2	<0.03	3.98	0.16		0.45	0.35	3.53	<0.02		0			77	80.1		7/11/2023
21/11/2023	7.7	6	<2	<2	0.07	4.83	<0.02		0.64	0.06	4.19	<0.02		0			77.1	79.7		21/11/2023
5/12/2023	7.6	2	<2	<2	<0.03	4.55	<0.02		0.54	0.04	4.01	<0.02		0			77.2	79.2		5/12/2023
19/12/2023	7.6	3	<2	<2	0.21	4.43	<0.02		0.48	<0.02	3.95	<0.02		0			74.5	77.2		19/12/2023
2/01/2024	7.6	<2	<2	<2	0.1	5.9	<0.02		2.13	1.59	3.72	0.05		0			67.3	71.9		2/01/2024
16/01/2024	7.7	<2	<2	<2	0.03	6.72	<0.02		0.45	0.1	6.27	<0.02		0			68.9	72		16/01/2024
30/01/2024	7.6	5	<2	<2	0.03	7.92	<0.02		1.05	0.15	6.87	<0.02		0			76.2	78.9		30/01/2024
13/02/2024	7.4	4	<2	<2	<0.03	7.99	<0.02		0.63	0.06	7.36	<0.02		0			81.6	85.5		13/02/2024
27/02/2024	6.8	<2	<2	<2	<0.03	6.31	<0.02		0.17	0.14	6.14	<0.02		0			75.4	80.8		27/02/2024
12/03/2024	6.9	3	<2	<2	0.04	6.34	<0.02		0.35	<0.02	5.99	<0.02		0			77.9	82		12/03/2024
26/03/2024	7	2	<2	<2	<0.03	5.86	<0.02		0.83	0.08	5.03	<0.02		-			79.7	81.5		26/03/2024

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
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	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	
20/09/2016	8.22	3.2	0.74	500	1	insufficient sample volume		0.03	2.09	114	20	20	3	0.032	6.3	111	104	1.1	0.03	0.04	insufficient sample volume	EAL	
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	
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	
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	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	
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	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	
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	
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	
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	7.18	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	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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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 : Available		0	CHL	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	

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
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	

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
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
9/11/2021	7.6	0.55	1.24	796	<2	<2		<0.03	3.49	213	26	26	5.6	0.093	9.9	162	183	0.88	<0.02	0.24	0	CHL	
23/11/2021	7.6	0.5	1.3	835	<2	<2		<0.03	4.88	218	27	26	5.3	0.095	10.2	167	178	0.94	0.06	1.36	0	CHL	
7/12/2021	7.6	0.55	1.22	783	3	<2		<0.03	6.95	210	26	26	5.1	0.095	9.8	148	170	0.88	0.4	1.7	0	CHL	
21/12/2021	7.6	0.9	1.07	685	10	<2		<0.03	6.57	197	23	24	4.2	0.094	9.8	119	158	0.75	0.04	0.08	0	CHL	
4/01/2022	7.6	0.55	1.47	941	<2	<2		<0.03	6.62	251	24	24	4	0.094	12.5	246	150	1.65	0.35	1.28	0	CHL	
19/01/2022	7.6	0.65	2.44	1560	2	<2		<0.03	6.04	440	26	25	4.5	0.093	21.2	541	148	3.66	0.02	0.11	0	CHL	
1/02/2022	7.7	0.65	1.74	1110	<2	<2		<0.03	6.01	301	27	26	4	0.091	14.6	311	158	1.97	0.02	0.07	0	CHL	
15/02/2022	7.6	1	1.3	830	4	<2		<0.03	6.67	214	24	25	4.3	0.085	10.5	171	171	1	0.02	0.13	0	CHL	
15/03/2022	7	0.35	0.755	483	2	<2		<0.03	4.8	121	14	21	3.3	0.058	6.5	76	112	0.68	<0.05	<0.05	2	CHL	
29/03/2022	7.3	0.25	0.762	487	<2	<2		<0.03	5.31	118	13	22	3.1	0.055	6.2	79	116	0.69	<0.03	<0.03	0	CHL	
12/04/2022	7.4	0.6	0.846	541	4	<2		0.04	5.29	135	15	21	3	0.053	7.4	97	124	0.78	<0.03	0.03	2	CHL	
26/04/2022	7.4	0.25	0.83	531	<2	<2		<0.03	5.22	140	15	22	3.1	0.068	7.4	97	125	0.78	<0.03	<0.03	0	CHL	
10/05/2022	7.4	0.25	0.761	487	<2	<2		<0.03	6.01	141	15	23	3.1	0.066	7.3	96	124	0.77	<0.05	<0.05	0	CHL	
24/05/2022	7.6	0.95	1.09	696	4	<2		0.03	4.73	180	21	27	4	0.073	8.6	119	177	0.67	0.16	0.57	0	CHL	
7/06/2022	7.6	2.6	0.992	635	5	<2		0.05	6.64	172	20	25	3.5	0.072	8.6	94	162	0.58	0.09	0.45	0	CHL	
21/06/2022	7.9	0.7	1.12	718	6	<2		0.03	5.2	205	22	23	3.3	0.074	10.6	92	170	0.54	0.04	0.26	0	CHL	
5/07/2022	7.8	0.35	1.41	900	2	<2		<0.03	7.2	261	25	25	6.4	0.086	12	189	165	1.15	<0.03	0.22	0	CHL	
19/07/2022	7.8	0.7	1.2	768	2	<2		<0.03	5.66	209	24	23	4	0.067	10.5	127	159	0.8	0.17	0.44	0	CHL	

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
2/08/2022	7.7	0.55	1.21	774	<2	<2		<0.03	6.44	215	25	24	3.8	0.072	10.7	134	161	0.83	0.07	0.33	0	CHL	
16/08/2022	7.6	0.45	1.24	796	2	<2		<0.03	6.61	225	24	25	4.6	0.076	10.8	150	167	0.9	0.03	0.08	0	CHL	
30/08/2022	7.7	0.6	1.21	774	2	<2		<0.03	6.14	217	26	25	5.1	0.08	10.4	157	168	0.94	0.07	0.16	0	CHL	
13/09/2022	7.6	0.25	1.31	839	3	<2		<0.03	6.4	226	26	27	5.1	0.082	10.5	158	169	0.94	<0.03	0.05	0	CHL	
27/09/2022	7.5	0.3	1.24	795	2	8		<0.03	8.39	216	25	27	5	0.073	10	153	166	0.92	0.03	0.06	0	CHL	
11/10/2022	7.5	0.3	1.21	774	3	11		<0.03	7.75	214	26	26	4.8	0.069	10.1	153	168	0.91	0.05	0.07	0	CHL	
25/10/2022	7.8	3.4	1.17	747	14	<2		0.15	6.8	202	24	22	3.9	0.066	10.5	121	165	0.73	0.02	0.21	0	CHL	
8/11/2022	7.8	0.7	1.12	718	<2	<2		<0.03	7.74	203	25	24	3.9	0.083	10.1	112	172	0.65	<0.03	0.17	0	CHL	
22/11/2022	7.7	0.6	1.19	764	2	<2		<0.03	7.26	211	28	25	5.5	0.09	9.9	155	188	0.82	<0.03	0.03	2	CHL	
6/12/2022	7.6	0.75	1.3	833	<2	<2		0.03	7.43	229	25	20	4.3	0.069	12	152	194	0.78	0.03	0.29	0	CHL	
20/12/2022	7.9	1.2	1.31	838	<2	<2		0.04	7.24	156	26	20	3.8	0.066	8.3	151	192	0.78	0.03	0.55	0	CHL	
3/01/2023	7.8	1.1	1.25	799	2	<2		0.06	7.22	224	26	20	3.7	0.059	12	132	160	0.82	0.4	4.1	0	CHL	
17/01/2023	8	0.95	1.27	814	<2	2		0.07	3.93	226	25	23	4.5	0.063	11.2	136	166	0.82	<0.03	0.25	0	CHL	
31/01/2023	7.8	1.1	1.21	777	3	<2		0.05	3.97	208	30	26	5.7	0.075	9.6	145	178	0.81	<0.02	0.18	5	CHL	
14/02/2023	7.6	0.95	1.14	728	<2	<2		0.06	6.15	182	27	27	5.5	0.082	8.4	146	188	0.78	<0.03	0.41	0	CHL	
28/02/2023	7.6	0.9	1.29	827	5	<2		0.06	5.26	201	25	23	5.1	0.074	9.9	153	186	0.083	<0.03	0.43	0	CHL	
14/03/2023	7.9	0.8	1.27	810	4	<2		0.03	4.1	205	24	23	4.9	0.07	10	150	197	0.76	0.05	0.44	0	CHL	
28/03/2023	7.7	0.8	1.18	758	<2	<2		0.04	3.9	192	23	23	4.5	0.066	9.6	135	188	0.71	0.1	0.38	0	CHL	
11/04/2023	7.8	1.1	1.33	850	4	<2		0.19	4.22	207	24	22	3.9	0.065	10.7	142	170	0.84	<0.02	0.18	0	CHL	
26/04/2023	7.7	0.8	1.24	796	<2	<2		0.04	5.07	198	25	23	4	0.067	10	143	182	0.79	<0.03	0.08	0	CHL	
9/05/2023	7.6	0.45	1.3	831	<2	<2		<0.03	5.68	206	24	23	3.9	0.068	10.5	163	183	0.89	0.15	0.54	0	CHL	
23/05/2023	7.6	0.55	3.74	2390	<2	<2		0.05	7.4	654	28	28	5.7	0.072	29.6	966	190	5.08	0.06	0.36	0	CHL	
6/06/2023	7.6	0.65	2.08	1330	<2	<2		<0.03	6.62	351	27	25	4.8	0.07	16.9	438	186	2.35	0.03	0.25	0	CHL	
20/06/2023	7.5	0.76	1.37	880	<2	<2		0.03	6.16	266	26	25	5.3	0.067	12.7	242	182	1.33	<0.03	0.19	0	CHL	
4/07/2023	7.4	1.1	1.37	879	<2	<2		0.05	5.18	253	29	24	5.3	0.069	12.1	205	181	1.13	0.05	0.26	0	CHL	
18/07/2023	7.5	1.1	1.28	820	2	<2		0.07	5.45	219	27	23	5.4	0.065	10.6	179	180	0.99	<0.03	0.23	0	CHL	
1/08/2023	7.6	1.1	1.28	821	2	<2		0.15	5.05	224	26	24	5.5	0.07	10.8	171	168	1.02	0.03	0.26	0	CHL	
15/08/2023	7.5	0.8	1.39	887	5	<2		0.04	5.21	250	26	25	6.1	0.072	11.6	193	173	1.11	<0.03	0.19	0	CHL	
29/08/2023	7.6	0.9	1.43	915	<2	<2		0.04	5.02	287	29	24	5.7	0.076	13.7	220	182	1.21	<0.03	0.25	0	CHL	
12/09/2023	7.5	0.7	1.43	916	2	<2		<0.03	5.41	270	27	25	6.2	0.076	12.6	213	186	1.15	<0.02	0.1	0	CHL	
26/09/2023	7.5	0.75	1.22	781	5	<2		0.09	4.45	214	28	25	5.7	0.071	10	152	182	0.84	<0.03	0.13	0	CHL	
10/10/2023	7.8	1	1.19	761	4	<2		0.04	4.07	201	28	26	5.2	0.074	9.5	142	158	0.89	0.03	0.22	0	CHL	
24/10/2023	7.7	0.7	1.3	834	2	<2		0.1	4.34	236	29	27	5.5	0.08	10.8	174	192	0.9	0.16	0.38	0	CHL	
7/11/2023	7.6	0.55	1.3	833	<2	<2		<0.03	4	240	27	27	5.6	0.08	11	166	188	0.89	<0.03	0.14	0	CHL	
21/11/2023	7.7	0.7	1.4	893	2	<2		0.04	4.63	248	26	26	6.3	0.077	11.4	188	188	1	0.03	0.23	0	CHL	
5/12/2023	7.7	2.3	1.26	806	4	<2		0.03	4.67	230	26	25	5.2	0.073	10.9	140	186	0.75	<0.03	0.16	0	CHL	
19/12/2023	7.6	0.7	1.24	794	<2	<2		<0.03	4.52	232	27	25	4.7	0.071	11.1	159	211	0.75	0.08	0.62	0	CHL	
2/01/2024	7.7	0.7	1.28	817	<2	<2		0.05	6.05	237	28	23	4.6	0.067	11.7	142	182	0.78	<0.03	0.04	0	CHL	
16/01/2024	7.7	0.85	1.24	792	2	<2		0.03	6.77	229	23	23	4	0.066	11.5	129	162	0.8	0..03	0.12	0	CHL	
23/01/2024	7.6	0.6	1.11	709	2	<2		<0.03	8	182	24	25	4.5	0.072	8.8	126	169	0.75	<0.03	<0.03	2	CHL	
13/02/2024	7.3	0.7	1.01	648	3	<2		<0.03	7.46	143	27	30	5.9	0.079	6.2	133	171	0.78	<0.03	0.07	0	CHL	
27/02/2024	6.9	0.65	0.914	585	2	<2		<0.03	6.33	116	22	26	5.8	0.075	5.3	123	167	0.74	<0.03	0.07	0	CHL	
12/03/2024	7	0.5	0.993	636	<2	<2		0.04	6.46	138	23	25	5.6	0.069	6.5	141	179	0.79	<0.03	0.14	0	CHL	
26/03/2024	7.1	0.75	1.2	768	4	<2		<0.03	5.53	180	24	23	5.1	0.067	8.8	204	183	1.12	-	- -		CHL	

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
9/11/2021	7.2	1080	9	29	<2	3.82	20.5	18.7	CHL		9/11/2021
7/12/2021	6.9	54	26	14	<2	0.21	0.98	0.89	CHL		7/12/2021
4/01/2022	7.3	229	<2	8	<2	1.65	7.92	7.91	CHL		4/01/2022
1/02/2022	7.6	635	7	9	<2	17.6	30.4	24.6	CHL		1/02/2022
15/03/2022	7.5	719	7	<4	6	16.2	17.5	15.5	CHL		15/03/2022
12/04/2022	7.6	219	5	10	<2	0.69	4.06	3.22	CHL		12/04/2022
10/05/2022	7.1	313	29	46	<2	4.57	19.6	9.76	CHL		10/05/2022
7/06/2022	7.1	342	23	26	<2	3	14	5.63	CHL		7/06/2022
5/07/2022	7.2	547	12	36	<2	4.18	21.9	20.6	CHL		5/07/2022
2/08/2022	7.1	509	23	46	<2	2.52	16.7	9.26	CHL		2/08/2022
30/08/2022	7.3	537	14	19	2	1.31	12.3	9.03	CHL		30/08/2022
27/09/2022	7.3	609	19	36	<2	1.16	15.4	9.56	CHL		27/09/2022
25/10/2020	8	3110	10	11	<2	5.35	59.6	59.6	CHL		25/10/2020
22/11/2022	7.4	3440	7	<4	<2	3.5	1.64	0.22	CHL		22/11/2022
20/12/2022	7.7	4310	51	<4	2	1.89	1.74	0.04	CHL		20/12/2022
31/01/2023	7.1	673	5	24	<2	3.23	14.8	10.3	CHL		31/01/2023
14/02/2023	7.4	344	6	10	<2	1.48	17.8	14.1	CHL		14/02/2023
14/03/2023	7.1	145	12	7	<2	0.93	5.13	4.21	CHL		14/03/2023

Date	pH	TDS	TSS	BOD5	Oil & Grease	Total Phosphorus	Total Kjeldahl Nitrogen	Ammonia Nitrogen	Lab	Comment	Date Data Obtained
11/04/2023	7.4	329	18	25	<2	3.31	24.9	22	CHL		11/04/2023
9/05/2023	7	962	63	274	<2	7.49	44.5	11.4	CHL		9/05/2023
6/06/2023	7.1	265	12	14	<2	1.22	8.92	5.2	CHL		6/06/2023
4/07/2023	6.8	159	3	8	<2	0.48	3.62	2.34	CHL		4/07/2023
1/08/2023	6.9	449	22	88	<2	4.73	18.5	7.06	CHL		1/08/2023
29/08/2023	7	1080	14	22	<2	1.06	10.4	6.25	CHL		29/08/2023
26/09/2023	7	1390	34	55	<2	1.78	16.5	8.45	CHL		26/09/2023
24/10/2023	6.8	499	8	44	<2	2.08	3.12	0.48	CHL		24/10/2023
21/11/2023	7	1260	19	102	<2	4.98	20.6	9.9	CHL		21/11/2023
19/12/2023	6.9	732	12	14	<2	1.21	10.2	6.29	CHL		19/12/2023
16/01/2024	7.2	753	<2	<7	<2	1.38	8.99	7.07	CHL		16/01/2024
13/02/2024	7.4	1480	6	4	<2	0.72	8.52	8.19	CHL		13/02/2024
12/03/2024	7.3	1290	18	43	4	2.51	22.1	16.7	CHL		12/03/2024