

Appendix D Water Quality Monitoring Data

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
C2	1/8/2018	Sunny	Light	Mid-Flood	B	7.8	6:38	9.06	8.39	27.3	29.8	1.86	7	-	-	-
C2	1/8/2018	Sunny	Light	Mid-Flood	B	7.8	6:39	9.06	8.4	27.45	29.8	1.89	8	-	-	-
C2	1/8/2018	Sunny	Light	Mid-Flood	M	4.4	6:39	9.12	8.4	27.68	29.8	1.9	8	-	-	-
C2	1/8/2018	Sunny	Light	Mid-Flood	M	4.4	6:40	9.19	8.41	27.75	29.9	1.89	8	-	-	-
C2	1/8/2018	Sunny	Light	Mid-Flood	S	1	6:40	9.33	8.42	27.79	29.9	1.92	6	-	-	-
C2	1/8/2018	Sunny	Light	Mid-Flood	S	1	6:41	9.4	8.42	28.01	30	1.91	7	-	-	-
M1	1/8/2018	Sunny	Light	Mid-Flood	B	9.4	7:01	10.77	8.42	26.94	30.7	1.23	10	-	-	-
M1	1/8/2018	Sunny	Light	Mid-Flood	B	9.4	7:01	10.89	8.41	27.14	30.1	1.53	11	-	-	-
M1	1/8/2018	Sunny	Light	Mid-Flood	M	5.2	7:01	10.78	8.43	26.93	30.9	2.08	7	-	-	-
M1	1/8/2018	Sunny	Light	Mid-Flood	M	5.2	7:01	10.86	8.43	27.11	31	2.09	7	-	-	-
M1	1/8/2018	Sunny	Light	Mid-Flood	S	1	7:02	11.12	8.44	27.21	31.1	2.14	7	-	-	-
M1	1/8/2018	Sunny	Light	Mid-Flood	S	1	7:02	11.08	8.46	27.12	31.1	2.13	6	-	-	-
F1	1/8/2018	Sunny	Light	Mid-Flood	B	7.1	7:20	10.77	8.48	26.93	30.9	1.3	6	-	-	-
F1	1/8/2018	Sunny	Light	Mid-Flood	B	7.1	7:20	10.7	8.5	27.13	30.1	1.79	8	-	-	-
F1	1/8/2018	Sunny	Light	Mid-Flood	M	4.1	7:21	10.75	8.52	26.98	30	1.77	6	-	-	-
F1	1/8/2018	Sunny	Light	Mid-Flood	M	4.1	7:21	10.77	8.53	26.99	30.1	1.78	6	-	-	-
F1	1/8/2018	Sunny	Light	Mid-Flood	S	1	7:22	10.62	8.52	27.09	30.2	1.8	6	-	-	-
F1	1/8/2018	Sunny	Light	Mid-Flood	S	1	7:22	10.71	8.54	27.13	30.3	1.77	5	-	-	-
B4	1/8/2018	Sunny	Light	Mid-Flood	B	4.1	7:39	10.91	8.55	26.95	30.9	1.16	7	-	-	-
B4	1/8/2018	Sunny	Light	Mid-Flood	B	4.1	7:40	11.1	8.56	27.05	31	1.13	7	-	-	-
B4	1/8/2018	Sunny	Light	Mid-Flood	S	1	7:40	11.18	8.55	27.16	31.1	1.16	7	-	-	-
B4	1/8/2018	Sunny	Light	Mid-Flood	S	1	7:40	11.29	8.55	27.37	31.1	1.14	6	-	-	-
B3	1/8/2018	Sunny	Light	Mid-Flood	B	3.9	7:50	10.84	8.54	27.04	30.3	1.48	8	-	-	-
B3	1/8/2018	Sunny	Light	Mid-Flood	B	3.9	7:50	10.96	8.54	26.95	30.4	1.5	9	-	-	-
B3	1/8/2018	Sunny	Light	Mid-Flood	S	1	7:50	10.79	8.56	26.85	30.5	1.52	7	-	-	-
B3	1/8/2018	Sunny	Light	Mid-Flood	S	1	7:51	11	8.57	26.86	30.4	1.5	6	-	-	-
CR1	1/8/2018	Sunny	Light	Mid-Flood	B	16.2	8:03	10.51	8.51	27.11	30.2	1.45	9	-	-	-
CR1	1/8/2018	Sunny	Light	Mid-Flood	B	16.2	8:03	10.53	8.52	27.08	30.3	1.58	10	-	-	-
CR1	1/8/2018	Sunny	Light	Mid-Flood	M	8.6	8:03	10.61	8.54	27.1	30.3	1.56	7	-	-	-
CR1	1/8/2018	Sunny	Light	Mid-Flood	M	8.6	8:04	10.77	8.54	27.12	30.3	1.55	8	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
CR1	1/8/2018	Sunny	Light	Mid-Flood	S	1	8:04	10.89	8.55	27.17	30.4	1.55	6	-	-	-
CR1	1/8/2018	Sunny	Light	Mid-Flood	S	1	8:04	10.95	8.56	27.15	30.5	1.54	7	-	-	-
CR2	1/8/2018	Sunny	Light	Mid-Flood	B	13.6	8:21	10.62	8.51	27.11	30.1	1.98	8	-	-	-
CR2	1/8/2018	Sunny	Light	Mid-Flood	B	13.6	8:21	10.84	8.5	27.07	30	1.99	7	-	-	-
CR2	1/8/2018	Sunny	Light	Mid-Flood	M	7.3	8:21	10.75	8.49	26.95	30	2.03	7	-	-	-
CR2	1/8/2018	Sunny	Light	Mid-Flood	M	7.3	8:22	10.9	8.49	27.09	30	2.03	8	-	-	-
CR2	1/8/2018	Sunny	Light	Mid-Flood	S	1	8:22	11	8.5	27.11	29.9	2.01	7	-	-	-
CR2	1/8/2018	Sunny	Light	Mid-Flood	S	1	8:23	11.12	8.49	27.21	29.8	2.04	7	-	-	-
H1	1/8/2018	Sunny	Light	Mid-Flood	B	7.4	8:38	10.89	8.56	26.96	30.9	1.36	9	-	-	-
H1	1/8/2018	Sunny	Light	Mid-Flood	B	7.4	8:38	11.06	8.58	27.13	31	1.34	8	-	-	-
H1	1/8/2018	Sunny	Light	Mid-Flood	M	4.2	8:39	11.07	8.57	27.25	31.1	1.33	8	-	-	-
H1	1/8/2018	Sunny	Light	Mid-Flood	M	4.2	8:39	11.32	8.57	27.37	31.1	1.32	6	-	-	-
H1	1/8/2018	Sunny	Light	Mid-Flood	S	1	8:40	11.34	8.58	27.45	31.2	1.33	6	-	-	-
H1	1/8/2018	Sunny	Light	Mid-Flood	S	1	8:40	11.46	8.59	27.6	31.1	1.37	6	-	-	-
B2	1/8/2018	Sunny	Light	Mid-Flood	B	4.1	8:58	10.93	8.56	26.97	30.9	1.39	8	-	-	-
B2	1/8/2018	Sunny	Light	Mid-Flood	B	4.1	8:58	11.08	8.56	27.23	31	1.41	9	-	-	-
B2	1/8/2018	Sunny	Light	Mid-Flood	S	1	8:58	11.19	8.56	27.17	31	1.43	9	-	-	-
B2	1/8/2018	Sunny	Light	Mid-Flood	S	1	8:59	11.34	8.55	27.34	31	1.39	8	-	-	-
B1	1/8/2018	Sunny	Light	Mid-Flood	B	4.3	9:10	11.03	8.56	26.97	30.9	1.3	6	-	-	-
B1	1/8/2018	Sunny	Light	Mid-Flood	B	4.3	9:11	11	8.54	26.95	30.9	1.33	7	-	-	-
B1	1/8/2018	Sunny	Light	Mid-Flood	S	1	9:11	10.96	8.57	27.12	30.9	1.33	5	-	-	-
B1	1/8/2018	Sunny	Light	Mid-Flood	S	1	9:12	11.08	8.58	27.05	31	1.33	6	-	-	-
C1	1/8/2018	Sunny	Light	Mid-Flood	B	11.9	9:26	10.91	8.55	27.03	30.5	1.72	7	-	-	-
C1	1/8/2018	Sunny	Light	Mid-Flood	B	11.9	9:26	10.95	8.54	27.09	30.3	1.74	8	-	-	-
C1	1/8/2018	Sunny	Light	Mid-Flood	M	6.5	9:27	11.08	8.54	27.13	30.3	1.79	6	-	-	-
C1	1/8/2018	Sunny	Light	Mid-Flood	M	6.5	9:27	11.11	8.56	27.21	30.4	1.78	7	-	-	-
C1	1/8/2018	Sunny	Light	Mid-Flood	S	1	9:28	10.99	8.56	27.23	30.4	1.82	6	-	-	-
C1	1/8/2018	Sunny	Light	Mid-Flood	S	1	9:28	10.98	8.55	27.5	30.4	1.86	5	-	-	-
C1	1/8/2018	Sunny	Moderate	Mid-Ebb	B	11.7	13:09	10.92	8.56	26.97	31	1.16	7	-	-	-
C1	1/8/2018	Sunny	Moderate	Mid-Ebb	B	11.7	13:09	10.96	8.54	27.09	30.3	1.56	8	-	-	-
C1	1/8/2018	Sunny	Moderate	Mid-Ebb	M	6.4	13:10	10.84	8.54	27.18	30.2	1.55	7	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
C1	1/8/2018	Sunny	Moderate	Mid-Ebb	M	6.4	13:10	10.83	8.55	27.3	30.2	1.59	8	-	-	-
C1	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	13:11	10.88	8.57	27.56	30.1	1.63	7	-	-	-
C1	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	13:11	10.91	8.59	27.43	30.2	1.63	6	-	-	-
B1	1/8/2018	Sunny	Moderate	Mid-Ebb	B	4.2	13:27	10.94	8.56	26.97	31	1.39	9	-	-	-
B1	1/8/2018	Sunny	Moderate	Mid-Ebb	B	4.2	13:27	11.06	8.54	27.07	30.4	1.73	8	-	-	-
B1	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	13:28	11.15	8.55	27.1	30.5	1.73	8	-	-	-
B1	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	13:28	11.21	8.56	27.05	30.6	1.69	9	-	-	-
B2	1/8/2018	Sunny	Moderate	Mid-Ebb	B	4	13:40	10.9	8.56	26.97	31.1	1.15	9	-	-	-
B2	1/8/2018	Sunny	Moderate	Mid-Ebb	B	4	13:40	10.92	8.55	27.04	31.2	1.13	7	-	-	-
B2	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	13:41	11.01	8.57	27.04	31.2	1.15	5	-	-	-
B2	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	13:41	11.1	8.58	27.05	31.2	1.15	6	-	-	-
H1	1/8/2018	Sunny	Moderate	Mid-Ebb	B	7.2	13:55	11.16	8.56	27.06	30.6	1.47	10	-	-	-
H1	1/8/2018	Sunny	Moderate	Mid-Ebb	B	7.2	13:56	11.23	8.55	27.03	30.6	1.46	10	-	-	-
H1	1/8/2018	Sunny	Moderate	Mid-Ebb	M	4.1	13:56	11.45	8.55	27.14	30.6	1.47	10	-	-	-
H1	1/8/2018	Sunny	Moderate	Mid-Ebb	M	4.1	13:57	11.53	8.54	27.03	30.6	1.49	8	-	-	-
H1	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	13:57	11.47	8.56	27.11	30.6	1.48	8	-	-	-
H1	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	13:57	11.43	8.55	26.94	30.6	1.51	9	-	-	-
CR2	1/8/2018	Sunny	Moderate	Mid-Ebb	B	13.4	14:14	11.23	8.56	27.04	30.6	2	7	-	-	-
CR2	1/8/2018	Sunny	Moderate	Mid-Ebb	B	13.4	14:14	11.36	8.56	26.93	30.7	1.97	8	-	-	-
CR2	1/8/2018	Sunny	Moderate	Mid-Ebb	M	7.2	14:14	11.5	8.56	27.06	30.7	2.01	8	-	-	-
CR2	1/8/2018	Sunny	Moderate	Mid-Ebb	M	7.2	14:15	11.5	8.55	27.13	30.7	1.99	6	-	-	-
CR2	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	14:15	11.41	8.55	27.21	30.7	2	6	-	-	-
CR2	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	14:16	11.38	8.54	27.22	30.8	2	6	-	-	-
CR1	1/8/2018	Sunny	Moderate	Mid-Ebb	B	16	14:31	11.17	8.57	26.96	30.9	1.46	10	-	-	-
CR1	1/8/2018	Sunny	Moderate	Mid-Ebb	B	16	14:32	11.13	8.56	27.05	30.6	1.89	8	-	-	-
CR1	1/8/2018	Sunny	Moderate	Mid-Ebb	M	8.5	14:32	11.19	8.56	27.08	30.4	1.63	8	-	-	-
CR1	1/8/2018	Sunny	Moderate	Mid-Ebb	M	8.5	14:32	11.2	8.55	27.22	30.4	1.67	6	-	-	-
CR1	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	14:33	11.14	8.55	27.38	30.5	1.69	6	-	-	-
CR1	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	14:33	11.02	8.58	27.33	30.5	1.68	7	-	-	-
B4	1/8/2018	Sunny	Moderate	Mid-Ebb	B	3.8	15:00	11.24	8.57	26.99	30.9	1.61	12	-	-	-
B4	1/8/2018	Sunny	Moderate	Mid-Ebb	B	3.8	15:00	11.19	8.57	27.01	30.7	1.62	11	-	-	-

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B4	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	15:00	11.27	8.57	27.1	30.7	1.64	9	-	-	-
B4	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	15:01	11.3	8.59	27.24	30.7	1.65	9	-	-	-
B3	1/8/2018	Sunny	Moderate	Mid-Ebb	B	3.5	15:15	11.28	8.57	27.03	30.4	1.28	8	-	-	-
B3	1/8/2018	Sunny	Moderate	Mid-Ebb	B	3.5	15:15	11.15	8.57	27.08	30.6	1.29	9	-	-	-
C2	1/8/2018	Sunny	Moderate	Mid-Ebb	B	7.4	15:15	11.26	8.57	27.01	30.8	1.87	8	-	-	-
C2	1/8/2018	Sunny	Moderate	Mid-Ebb	B	7.4	15:15	11.28	8.57	27.03	30.4	1.28	8	-	-	-
C2	1/8/2018	Sunny	Moderate	Mid-Ebb	M	4.2	15:15	11.38	8.57	27.04	30.2	1.53	8	-	-	-
B3	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	15:16	11.07	8.57	27.07	30.5	1.32	8	-	-	-
B3	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	15:16	10.91	8.57	27.28	30.5	1.34	8	-	-	-
C2	1/8/2018	Sunny	Moderate	Mid-Ebb	M	4.2	15:16	11.33	8.56	27.12	30.3	1.52	8	-	-	-
C2	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	15:16	11.44	8.56	27.37	30.2	1.53	7	-	-	-
C2	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	15:16	11.39	8.58	27.59	30.3	1.53	6	-	-	-
F1	1/8/2018	Sunny	Moderate	Mid-Ebb	B	6.8	15:38	11.38	8.57	27.01	30.2	1.59	8	-	-	-
F1	1/8/2018	Sunny	Moderate	Mid-Ebb	B	6.8	15:38	11.3	8.54	27.03	30.1	1.45	8	-	-	-
F1	1/8/2018	Sunny	Moderate	Mid-Ebb	M	3.9	15:38	11.03	8.53	27.06	30.1	1.71	8	-	-	-
F1	1/8/2018	Sunny	Moderate	Mid-Ebb	M	3.9	15:39	11	8.55	27.1	30.1	1.72	7	-	-	-
F1	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	15:39	11.03	8.55	27.21	30.2	1.68	7	-	-	-
F1	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	15:40	11.15	8.54	27.13	30.3	1.71	7	-	-	-
M1	1/8/2018	Sunny	Moderate	Mid-Ebb	B	9	15:59	10.98	8.55	27.02	30.2	1.72	7	-	-	-
M1	1/8/2018	Sunny	Moderate	Mid-Ebb	B	9	15:59	11.06	8.54	27.04	30.2	1.71	8	-	-	-
M1	1/8/2018	Sunny	Moderate	Mid-Ebb	M	5	15:59	10.9	8.52	27.03	30.1	1.92	7	-	-	-
M1	1/8/2018	Sunny	Moderate	Mid-Ebb	M	5	15:59	10.88	8.53	27.1	30.1	1.92	7	-	-	-
M1	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	16:00	10.76	8.54	27.18	30.3	1.93	5	-	-	-
M1	1/8/2018	Sunny	Moderate	Mid-Ebb	S	1	16:00	10.69	8.53	27.23	30.3	1.96	6	-	-	-
C2	3/8/2018	Fine	Moderate	Mid-Flood	B	7.5	8:06	11.88	8.48	27.02	30.3	1.88	10	-	-	-
C2	3/8/2018	Fine	Moderate	Mid-Flood	B	7.5	8:06	11.46	8.47	27.03	30	2.29	10	-	-	-
C2	3/8/2018	Fine	Moderate	Mid-Flood	M	4.3	8:06	10	8.38	27.16	29.6	1.96	7	-	-	-
C2	3/8/2018	Fine	Moderate	Mid-Flood	M	4.3	8:07	9.99	8.37	27.27	29.6	1.96	9	-	-	-
C2	3/8/2018	Fine	Moderate	Mid-Flood	S	1	8:07	10.04	8.37	27.17	29.7	1.99	6	-	-	-
C2	3/8/2018	Fine	Moderate	Mid-Flood	S	1	8:08	10.15	8.38	27.37	29.7	2	8	-	-	-
M1	3/8/2018	Fine	Moderate	Mid-Flood	B	9	8:30	8.23	8.33	27.15	29.4	2.17	6	-	-	-

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M1	3/8/2018	Fine	Moderate	Mid-Flood	B	9	8:31	8.39	8.39	27.12	29.6	2.06	7	-	-	-
M1	3/8/2018	Fine	Moderate	Mid-Flood	M	5	8:31	8.86	8.41	27.09	29.6	1.68	6	-	-	-
M1	3/8/2018	Fine	Moderate	Mid-Flood	M	5	8:31	8.85	8.42	27.01	29.6	1.69	6	-	-	-
M1	3/8/2018	Fine	Moderate	Mid-Flood	S	1	8:32	8.76	8.4	27	29.6	1.72	5	-	-	-
M1	3/8/2018	Fine	Moderate	Mid-Flood	S	1	8:32	8.9	8.39	27.08	29.6	1.72	6	-	-	-
F1	3/8/2018	Fine	Moderate	Mid-Flood	B	6.7	8:52	9.35	8.43	27.05	29.7	2.19	6	-	-	-
F1	3/8/2018	Fine	Moderate	Mid-Flood	B	6.7	8:52	9.38	8.42	27.1	29.6	1.65	6	-	-	-
F1	3/8/2018	Fine	Moderate	Mid-Flood	M	3.9	8:52	8.82	8.34	27.15	29.4	2.02	6	-	-	-
F1	3/8/2018	Fine	Moderate	Mid-Flood	M	3.9	8:53	8.76	8.36	27.21	29.4	2.07	5	-	-	-
F1	3/8/2018	Fine	Moderate	Mid-Flood	S	1	8:53	8.99	8.38	27.23	29.4	2.06	4	-	-	-
F1	3/8/2018	Fine	Moderate	Mid-Flood	S	1	8:53	9.03	8.39	27.4	29.4	2.05	5	-	-	-
B4	3/8/2018	Fine	Moderate	Mid-Flood	B	3.9	9:11	9.12	8.41	27.12	29.6	1.78	8	-	-	-
B4	3/8/2018	Fine	Moderate	Mid-Flood	B	3.9	9:11	8.71	8.35	27.14	29.5	1.99	6	-	-	-
B4	3/8/2018	Fine	Moderate	Mid-Flood	S	1	9:12	8.7	8.36	27.03	29.4	2.02	6	-	-	-
B4	3/8/2018	Fine	Moderate	Mid-Flood	S	1	9:12	8.57	8.35	26.89	29.5	2.05	6	-	-	-
B3	3/8/2018	Fine	Moderate	Mid-Flood	B	3.6	9:22	8.41	8.38	27.12	29.6	1.58	9	-	-	-
B3	3/8/2018	Fine	Moderate	Mid-Flood	B	3.6	9:22	9.25	8.45	27.04	29.7	2.02	8	-	-	-
B3	3/8/2018	Fine	Moderate	Mid-Flood	S	1	9:22	9.42	8.46	27.16	29.8	2	8	-	-	-
B3	3/8/2018	Fine	Moderate	Mid-Flood	S	1	9:23	9.48	8.46	27.19	29.8	2	8	-	-	-
CR1	3/8/2018	Fine	Moderate	Mid-Flood	B	15.8	9:37	9.49	8.44	27.07	29.7	1.62	8	-	-	-
CR1	3/8/2018	Fine	Moderate	Mid-Flood	B	15.8	9:37	9.42	8.43	27.09	29.6	2.22	8	-	-	-
CR1	3/8/2018	Fine	Moderate	Mid-Flood	M	8.4	9:38	8.98	8.38	27.13	29.6	2.23	6	-	-	-
CR1	3/8/2018	Fine	Moderate	Mid-Flood	M	8.4	9:38	9.16	8.4	27.14	29.7	2.22	8	-	-	-
CR1	3/8/2018	Fine	Moderate	Mid-Flood	S	1	9:38	9.3	8.4	27.36	29.7	2.19	7	-	-	-
CR1	3/8/2018	Fine	Moderate	Mid-Flood	S	1	9:39	9.42	8.4	27.48	29.7	2.22	5	-	-	-
CR2	3/8/2018	Fine	Moderate	Mid-Flood	B	13.2	9:55	11.5	8.58	27.02	30.2	1.65	8	-	-	-
CR2	3/8/2018	Fine	Moderate	Mid-Flood	B	13.2	9:55	11.76	8.58	27.02	30.3	1.63	7	-	-	-
CR2	3/8/2018	Fine	Moderate	Mid-Flood	M	7.1	9:55	11.76	8.57	27.02	30.2	1.78	6	-	-	-
CR2	3/8/2018	Fine	Moderate	Mid-Flood	M	7.1	9:56	11.77	8.56	27.17	30.2	1.76	8	-	-	-
CR2	3/8/2018	Fine	Moderate	Mid-Flood	S	1	9:56	11.67	8.59	27.31	30.3	1.75	5	-	-	-
CR2	3/8/2018	Fine	Moderate	Mid-Flood	S	1	9:57	11.56	8.61	27.46	30.3	1.77	7	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
H1	3/8/2018	Fine	Moderate	Mid-Flood	B	7	10:13	12.01	8.59	27.02	30.3	1.65	6	-	-	-
H1	3/8/2018	Fine	Moderate	Mid-Flood	B	7	10:13	12.06	8.59	27.03	30.3	1.65	7	-	-	-
H1	3/8/2018	Fine	Moderate	Mid-Flood	M	4	10:13	12.09	8.59	27.03	30.3	1.65	6	-	-	-
H1	3/8/2018	Fine	Moderate	Mid-Flood	M	4	10:14	12.09	8.59	27.27	30.3	1.66	5	-	-	-
H1	3/8/2018	Fine	Moderate	Mid-Flood	S	1	10:14	12.27	8.61	27.2	30.3	1.65	6	-	-	-
H1	3/8/2018	Fine	Moderate	Mid-Flood	S	1	10:15	12.34	8.61	27.27	30.4	1.66	5	-	-	-
B2	3/8/2018	Fine	Moderate	Mid-Flood	B	3.9	10:32	12.09	8.59	27.03	30.3	1.53	8	-	-	-
B2	3/8/2018	Fine	Moderate	Mid-Flood	B	3.9	10:32	12.09	8.59	27.03	30.3	1.47	7	-	-	-
B2	3/8/2018	Fine	Moderate	Mid-Flood	S	1	10:32	12	8.59	27.04	30.3	1.48	6	-	-	-
B2	3/8/2018	Fine	Moderate	Mid-Flood	S	1	10:33	12.09	8.59	27.16	30.3	1.51	6	-	-	-
B1	3/8/2018	Fine	Moderate	Mid-Flood	B	4	10:45	12.07	8.59	27.03	30.3	1.89	8	-	-	-
B1	3/8/2018	Fine	Moderate	Mid-Flood	B	4	10:45	12.07	8.59	27.03	30.3	1.95	7	-	-	-
B1	3/8/2018	Fine	Moderate	Mid-Flood	S	1	10:46	11.99	8.58	26.99	30.2	1.96	7	-	-	-
B1	3/8/2018	Fine	Moderate	Mid-Flood	S	1	10:46	12.16	8.59	26.87	30.2	1.99	6	-	-	-
C1	3/8/2018	Fine	Moderate	Mid-Flood	B	11.6	11:01	12.09	8.59	27.03	30.3	1.55	11	-	-	-
C1	3/8/2018	Fine	Moderate	Mid-Flood	B	11.6	11:01	12.04	8.58	27.04	30.2	1.52	13	-	-	-
C1	3/8/2018	Fine	Moderate	Mid-Flood	M	6.3	11:02	11.88	8.57	27.03	30.2	1.61	12	-	-	-
C1	3/8/2018	Fine	Moderate	Mid-Flood	M	6.3	11:02	11.78	8.57	27.02	30.2	1.59	11	-	-	-
C1	3/8/2018	Fine	Moderate	Mid-Flood	S	1	11:02	11.99	8.57	26.95	30.2	1.58	11	-	-	-
C1	3/8/2018	Fine	Moderate	Mid-Flood	S	1	11:03	11.99	8.56	26.91	30.2	1.58	11	-	-	-
C1	3/8/2018	Fine	Moderate	Mid-Ebb	B	11.2	14:20	11.97	8.59	27.03	30.3	1.6	10	-	-	-
C1	3/8/2018	Fine	Moderate	Mid-Ebb	B	11.2	14:20	12.14	8.59	27.04	30.3	1.61	12	-	-	-
C1	3/8/2018	Fine	Moderate	Mid-Ebb	M	6.1	14:20	11.97	8.56	27.04	30.2	1.74	9	-	-	-
C1	3/8/2018	Fine	Moderate	Mid-Ebb	M	6.1	14:20	12.07	8.58	26.99	30.2	1.79	11	-	-	-
C1	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	14:21	12.24	8.57	27	30.3	1.79	9	-	-	-
C1	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	14:21	12.42	8.6	26.94	30.3	1.81	10	-	-	-
B1	3/8/2018	Fine	Moderate	Mid-Ebb	B	3.7	14:40	11.67	8.57	27.04	30.2	1.83	8	-	-	-
B1	3/8/2018	Fine	Moderate	Mid-Ebb	B	3.7	14:40	11.62	8.55	27.04	30.2	1.62	6	-	-	-
B1	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	14:41	11.66	8.55	27.2	30.2	1.66	7	-	-	-
B1	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	14:41	11.57	8.55	27.17	30.3	1.68	6	-	-	-
B2	3/8/2018	Fine	Moderate	Mid-Ebb	B	3.4	14:54	11.23	8.54	27.04	30.1	1.77	7	-	-	-

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 Integrated Waste Management Facilities, Phase 1
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
B2	3/8/2018	Fine	Moderate	Mid-Ebb	B	3.4	14:54	11.27	8.54	27.08	30	1.67	8	-	-	-
B2	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	14:54	11.49	8.56	27.17	30.1	1.69	6	-	-	-
B2	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	14:55	11.52	8.55	27.31	30.1	1.71	7	-	-	-
H1	3/8/2018	Fine	Moderate	Mid-Ebb	B	6.8	15:09	11.96	8.58	27.04	30.2	1.74	10	-	-	-
H1	3/8/2018	Fine	Moderate	Mid-Ebb	B	6.8	15:09	11.72	8.55	27.05	30.1	1.53	10	-	-	-
H1	3/8/2018	Fine	Moderate	Mid-Ebb	M	3.9	15:10	11.73	8.57	27.02	30.1	1.52	10	-	-	-
H1	3/8/2018	Fine	Moderate	Mid-Ebb	M	3.9	15:10	11.99	8.58	27.12	30.1	1.54	8	-	-	-
H1	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	15:11	12.11	8.59	27.13	30.2	1.52	5	-	-	-
H1	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	15:11	12.09	8.59	27.23	30.2	1.49	7	-	-	-
CR2	3/8/2018	Fine	Moderate	Mid-Ebb	B	13	15:29	11.62	8.57	27.03	30.2	1.81	5	-	-	-
CR2	3/8/2018	Fine	Moderate	Mid-Ebb	B	13	15:29	11.65	8.55	27.05	30.1	1.58	6	-	-	-
CR2	3/8/2018	Fine	Moderate	Mid-Ebb	M	7	15:29	11.35	8.53	27.04	30.1	1.85	5	-	-	-
CR2	3/8/2018	Fine	Moderate	Mid-Ebb	M	7	15:30	11.41	8.53	27	30.1	1.88	5	-	-	-
CR2	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	15:30	11.44	8.55	27.16	30.2	1.89	5	-	-	-
CR2	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	15:30	11.65	8.56	27.02	30.2	1.93	5	-	-	-
CR1	3/8/2018	Fine	Moderate	Mid-Ebb	B	15.6	15:47	12.2	8.6	27.03	30.3	1.52	7	-	-	-
CR1	3/8/2018	Fine	Moderate	Mid-Ebb	B	15.6	15:47	12.18	8.59	27.03	30.3	1.45	6	-	-	-
CR1	3/8/2018	Fine	Moderate	Mid-Ebb	M	8.3	15:47	12.16	8.59	27.04	30.3	1.65	5	-	-	-
CR1	3/8/2018	Fine	Moderate	Mid-Ebb	M	8.3	15:48	12.17	8.59	27.22	30.3	1.67	6	-	-	-
CR1	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	15:48	12.27	8.6	27.42	30.3	1.62	5	-	-	-
CR1	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	15:48	12.37	8.62	27.49	30.3	1.62	4	-	-	-
B3	3/8/2018	Fine	Moderate	Mid-Ebb	B	3.4	16:05	12.26	8.6	27.03	30.3	1.66	8	-	-	-
B3	3/8/2018	Fine	Moderate	Mid-Ebb	B	3.4	16:05	12.27	8.6	27.04	30.3	1.6	8	-	-	-
B3	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	16:06	12.29	8.6	27.23	30.3	1.59	6	-	-	-
B3	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	16:06	12.31	8.62	27.09	30.5	1.58	7	-	-	-
B4	3/8/2018	Fine	Moderate	Mid-Ebb	B	3.8	16:18	12.26	8.6	27.04	30.3	1.77	8	-	-	-
B4	3/8/2018	Fine	Moderate	Mid-Ebb	B	3.8	16:18	12.22	8.59	27.04	30.3	1.72	10	-	-	-
B4	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	16:18	12.31	8.59	27.13	30.3	1.7	6	-	-	-
B4	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	16:18	12.38	8.6	27.16	30.4	1.7	5	-	-	-
C2	3/8/2018	Fine	Moderate	Mid-Ebb	B	7.1	16:31	12.24	8.6	27.04	30.3	1.8	11	-	-	-
C2	3/8/2018	Fine	Moderate	Mid-Ebb	B	7.1	16:31	12.24	8.6	27.04	30.3	1.68	12	-	-	-

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 Integrated Waste Management Facilities, Phase 1
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
C2	3/8/2018	Fine	Moderate	Mid-Ebb	M	4.1	16:32	12.25	8.59	27.04	30.3	1.55	8	-	-	-
C2	3/8/2018	Fine	Moderate	Mid-Ebb	M	4.1	16:32	12.34	8.6	26.96	30.3	1.58	10	-	-	-
C2	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	16:32	12.4	8.62	26.85	30.4	1.58	8	-	-	-
C2	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	16:33	12.36	8.62	26.91	30.4	1.58	8	-	-	-
F1	3/8/2018	Fine	Moderate	Mid-Ebb	B	6.4	16:52	12.14	8.59	27.04	30.3	1.98	12	-	-	-
F1	3/8/2018	Fine	Moderate	Mid-Ebb	B	6.4	16:52	12.15	8.59	27.04	30.2	1.88	10	-	-	-
F1	3/8/2018	Fine	Moderate	Mid-Ebb	M	3.7	16:52	12.33	8.61	27.01	30.1	1.89	9	-	-	-
F1	3/8/2018	Fine	Moderate	Mid-Ebb	M	3.7	16:53	12.31	8.63	27.14	30.2	1.88	8	-	-	-
F1	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	16:53	12.34	8.62	27.18	30.3	1.88	8	-	-	-
F1	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	16:54	12.36	8.65	27.14	30.2	1.92	9	-	-	-
M1	3/8/2018	Fine	Moderate	Mid-Ebb	B	8.7	17:13	12.29	8.6	27.04	30.3	1.56	8	-	-	-
M1	3/8/2018	Fine	Moderate	Mid-Ebb	B	8.7	17:13	12.3	8.6	27.04	30.3	2.03	10	-	-	-
M1	3/8/2018	Fine	Moderate	Mid-Ebb	M	4.9	17:13	12.21	8.58	27.04	30.3	1.69	8	-	-	-
M1	3/8/2018	Fine	Moderate	Mid-Ebb	M	4.9	17:13	12.12	8.6	26.96	30.2	1.73	8	-	-	-
M1	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	17:14	12.15	8.61	27.17	30.2	1.7	6	-	-	-
M1	3/8/2018	Fine	Moderate	Mid-Ebb	S	1	17:14	12.03	8.62	27.14	30.3	1.74	6	-	-	-
C2	5/8/2018	Cloudy	Calm	Mid-Flood	B	7.2	22:48	10.13	8.47	26.2	29.6	0.72	5	-	-	-
C2	5/8/2018	Cloudy	Calm	Mid-Flood	B	7.2	22:48	10.04	8.5	25.86	29.8	0.91	5	-	-	-
C2	5/8/2018	Cloudy	Calm	Mid-Flood	M	4.1	22:48	10.1	8.49	26.17	29.6	0.91	3	-	-	-
C2	5/8/2018	Cloudy	Calm	Mid-Flood	M	4.1	22:48	10.17	8.49	26.06	29.7	0.85	4	-	-	-
C2	5/8/2018	Cloudy	Calm	Mid-Flood	S	1	22:49	10.3	8.51	26.14	29.7	0.87	3	-	-	-
C2	5/8/2018	Cloudy	Calm	Mid-Flood	S	1	22:49	10.41	8.51	26.18	29.7	0.85	4	-	-	-
M1	5/8/2018	Cloudy	Calm	Mid-Flood	B	8.6	23:10	10.1	8.5	26	29.7	1.18	8	-	-	-
M1	5/8/2018	Cloudy	Calm	Mid-Flood	B	8.6	23:11	10.12	8.51	25.91	29.7	0.79	7	-	-	-
M1	5/8/2018	Cloudy	Calm	Mid-Flood	M	4.8	23:11	10.15	8.5	26.16	29.6	0.87	6	-	-	-
M1	5/8/2018	Cloudy	Calm	Mid-Flood	M	4.8	23:11	10.26	8.52	26.14	29.6	0.85	7	-	-	-
M1	5/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:12	10.36	8.53	26.28	29.6	0.9	5	-	-	-
M1	5/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:12	10.38	8.51	26.3	29.7	0.92	6	-	-	-
F1	5/8/2018	Cloudy	Calm	Mid-Flood	B	6.4	23:21	10.24	8.5	26.1	29.6	0.76	10	-	-	-
F1	5/8/2018	Cloudy	Calm	Mid-Flood	B	6.4	23:21	10.3	8.51	26	29.7	0.95	10	-	-	-
F1	5/8/2018	Cloudy	Calm	Mid-Flood	M	3.7	23:21	10.16	8.52	25.85	29.8	0.76	7	-	-	-

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Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
F1	5/8/2018	Cloudy	Calm	Mid-Flood	M	3.7	23:21	10.13	8.52	25.84	29.8	0.82	6	-	-	-
F1	5/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:21	10.25	8.51	25.95	29.8	0.85	4	-	-	-
F1	5/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:22	10.34	8.51	26.12	29.8	0.85	5	-	-	-
B4	5/8/2018	Cloudy	Calm	Mid-Flood	B	3.6	23:40	10.15	8.53	25.91	29.8	0.74	4	-	-	-
B4	5/8/2018	Cloudy	Calm	Mid-Flood	B	3.6	23:40	10.12	8.53	25.84	29.8	0.78	4	-	-	-
B4	5/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:41	10.07	8.53	25.83	29.8	0.77	5	-	-	-
B4	5/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:41	10.15	8.52	25.94	29.9	0.77	4	-	-	-
B3	5/8/2018	Cloudy	Calm	Mid-Flood	B	3.2	23:52	10.08	8.53	25.81	29.8	0.76	6	-	-	-
B3	5/8/2018	Cloudy	Calm	Mid-Flood	B	3.2	23:52	10.07	8.53	25.82	29.8	0.98	5	-	-	-
B3	5/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:52	10.28	8.54	26.05	29.8	0.97	5	-	-	-
B3	5/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:53	10.26	8.52	26.13	29.9	0.97	4	-	-	-
CR1	6/8/2018	Cloudy	Light	Mid-Flood	B	15.4	0:06	10.1	8.53	25.84	29.8	0.79	6	-	-	-
CR1	6/8/2018	Cloudy	Light	Mid-Flood	B	15.4	0:06	10.1	8.53	25.87	29.8	0.97	7	-	-	-
CR1	6/8/2018	Cloudy	Light	Mid-Flood	M	8.2	0:06	10.16	8.53	25.96	29.7	0.77	7	-	-	-
CR1	6/8/2018	Cloudy	Light	Mid-Flood	M	8.2	0:06	10.37	8.55	26.16	29.7	0.78	6	-	-	-
CR1	6/8/2018	Cloudy	Light	Mid-Flood	S	1	0:07	10.2	8.56	26.37	29.8	0.76	4	-	-	-
CR1	6/8/2018	Cloudy	Light	Mid-Flood	S	1	0:07	10.27	8.56	26.24	29.8	0.8	5	-	-	-
CR2	6/8/2018	Cloudy	Light	Mid-Flood	B	12.8	0:24	10.2	8.54	25.89	29.8	0.77	4	-	-	-
CR2	6/8/2018	Cloudy	Light	Mid-Flood	B	12.8	0:24	10.19	8.54	26.02	29.7	0.8	4	-	-	-
CR2	6/8/2018	Cloudy	Light	Mid-Flood	M	6.9	0:24	10.27	8.56	25.93	29.8	0.83	4	-	-	-
CR2	6/8/2018	Cloudy	Light	Mid-Flood	M	6.9	0:25	10.2	8.56	25.82	29.8	0.79	5	-	-	-
CR2	6/8/2018	Cloudy	Light	Mid-Flood	S	1	0:25	10.29	8.56	25.73	29.9	0.81	5	-	-	-
CR2	6/8/2018	Cloudy	Light	Mid-Flood	S	1	0:26	10.26	8.56	25.71	30	0.83	4	-	-	-
H1	6/8/2018	Cloudy	Light	Mid-Flood	B	6.8	0:44	10.23	8.54	25.91	29.8	0.92	5	-	-	-
H1	6/8/2018	Cloudy	Light	Mid-Flood	B	6.8	0:44	10.19	8.54	25.9	29.8	0.68	6	-	-	-
H1	6/8/2018	Cloudy	Light	Mid-Flood	M	3.9	0:44	10.22	8.54	26.02	29.7	0.84	5	-	-	-
H1	6/8/2018	Cloudy	Light	Mid-Flood	M	3.9	0:44	10.36	8.53	26.28	29.7	0.86	4	-	-	-
H1	6/8/2018	Cloudy	Light	Mid-Flood	S	1	0:45	10.53	8.56	26.25	29.7	0.85	6	-	-	-
H1	6/8/2018	Cloudy	Light	Mid-Flood	S	1	0:45	10.53	8.56	26.4	29.7	0.85	5	-	-	-
B2	6/8/2018	Cloudy	Light	Mid-Flood	B	3.6	1:05	10.17	8.54	25.91	29.8	0.85	5	-	-	-
B2	6/8/2018	Cloudy	Light	Mid-Flood	B	3.6	1:05	10.16	8.54	25.92	29.8	0.87	4	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
B2	6/8/2018	Cloudy	Light	Mid-Flood	S	1	1:05	10.11	8.54	25.83	29.7	0.89	6	-	-	-
B2	6/8/2018	Cloudy	Light	Mid-Flood	S	1	1:06	10.09	8.53	26.09	29.7	0.89	5	-	-	-
B1	6/8/2018	Cloudy	Light	Mid-Flood	B	3.7	1:19	10.18	8.54	25.93	29.8	0.68	6	-	-	-
B1	6/8/2018	Cloudy	Light	Mid-Flood	B	3.7	1:19	10.21	8.55	25.94	29.8	0.85	5	-	-	-
B1	6/8/2018	Cloudy	Light	Mid-Flood	S	1	1:19	10.36	8.56	25.88	29.8	0.83	6	-	-	-
B1	6/8/2018	Cloudy	Light	Mid-Flood	S	1	1:20	10.3	8.54	25.95	29.9	0.85	5	-	-	-
C1	6/8/2018	Cloudy	Light	Mid-Flood	B	11.2	1:34	10.2	8.55	25.92	29.8	0.68	4	-	-	-
C1	6/8/2018	Cloudy	Light	Mid-Flood	B	11.2	1:34	10.22	8.55	25.97	29.8	0.83	4	-	-	-
C1	6/8/2018	Cloudy	Light	Mid-Flood	M	6.1	1:34	10.22	8.53	26.07	29.7	0.87	3	-	-	-
C1	6/8/2018	Cloudy	Light	Mid-Flood	M	6.1	1:35	10.35	8.53	26.09	29.8	0.89	4	-	-	-
C1	6/8/2018	Cloudy	Light	Mid-Flood	S	1	1:35	10.44	8.52	26.15	29.7	0.89	4	-	-	-
C1	6/8/2018	Cloudy	Light	Mid-Flood	S	1	1:36	10.52	8.53	26.17	29.8	0.92	4	-	-	-
C1	6/8/2018	Cloudy	Light	Mid-Ebb	B	11	5:58	10.25	8.55	25.91	29.8	0.76	6	-	-	-
C1	6/8/2018	Cloudy	Light	Mid-Ebb	B	11	5:58	10.24	8.55	25.92	29.8	0.81	6	-	-	-
C1	6/8/2018	Cloudy	Light	Mid-Ebb	M	6	5:58	10.23	8.55	25.92	29.8	1.17	6	-	-	-
C1	6/8/2018	Cloudy	Light	Mid-Ebb	M	6	5:59	10.26	8.57	26.11	29.9	1.17	5	-	-	-
C1	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	5:59	10.44	8.6	26.04	30	1.18	5	-	-	-
C1	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	5:59	10.65	8.58	26.1	30	1.2	5	-	-	-
B1	6/8/2018	Cloudy	Light	Mid-Ebb	B	3.5	6:19	10.1	8.56	25.94	29.8	0.95	6	-	-	-
B1	6/8/2018	Cloudy	Light	Mid-Ebb	B	3.5	6:19	10.16	8.56	25.93	29.8	0.64	6	-	-	-
B1	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	6:19	10.16	8.56	25.91	29.8	0.77	7	-	-	-
B1	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	6:20	10.33	8.57	25.88	29.8	0.75	7	-	-	-
B2	6/8/2018	Cloudy	Light	Mid-Ebb	B	3.4	6:33	10.17	8.56	25.9	29.8	0.91	6	-	-	-
B2	6/8/2018	Cloudy	Light	Mid-Ebb	B	3.4	6:33	10.2	8.56	25.93	29.8	0.95	6	-	-	-
B2	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	6:33	10.19	8.56	25.88	29.8	0.88	5	-	-	-
B2	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	6:34	10.14	8.56	25.92	29.9	0.9	6	-	-	-
H1	6/8/2018	Cloudy	Light	Mid-Ebb	B	6.2	6:49	10.42	8.56	26.1	29.8	0.83	8	-	-	-
H1	6/8/2018	Cloudy	Light	Mid-Ebb	B	6.2	6:49	10.5	8.57	26.1	29.8	0.9	7	-	-	-
H1	6/8/2018	Cloudy	Light	Mid-Ebb	M	3.6	6:49	10.53	8.57	26.1	29.8	0.86	6	-	-	-
H1	6/8/2018	Cloudy	Light	Mid-Ebb	M	3.6	6:49	10.63	8.59	26.16	29.8	0.84	6	-	-	-
H1	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	6:50	10.82	8.59	26.15	29.8	0.83	6	-	-	-

Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
H1	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	6:50	10.82	8.58	26.32	29.9	0.81	6	-	-	-
CR2	6/8/2018	Cloudy	Light	Mid-Ebb	B	12.4	7:08	10.58	8.57	26.09	29.8	0.92	8	-	-	-
CR2	6/8/2018	Cloudy	Light	Mid-Ebb	B	12.4	7:08	10.59	8.57	26.08	29.8	0.96	7	-	-	-
CR2	6/8/2018	Cloudy	Light	Mid-Ebb	M	6.7	7:08	10.58	8.57	26.07	29.8	0.88	6	-	-	-
CR2	6/8/2018	Cloudy	Light	Mid-Ebb	M	6.7	7:09	10.6	8.58	25.99	29.7	0.92	5	-	-	-
CR2	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	7:09	10.5	8.57	26.03	29.8	0.92	5	-	-	-
CR2	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	7:10	10.57	8.58	26.16	29.9	0.91	5	-	-	-
CR1	6/8/2018	Cloudy	Light	Mid-Ebb	B	15	7:28	10.55	8.57	26.06	29.8	0.86	4	-	-	-
CR1	6/8/2018	Cloudy	Light	Mid-Ebb	B	15	7:29	10.54	8.57	26.06	29.8	0.77	4	-	-	-
CR1	6/8/2018	Cloudy	Light	Mid-Ebb	M	8	7:29	10.38	8.57	26.06	29.8	0.94	4	-	-	-
CR1	6/8/2018	Cloudy	Light	Mid-Ebb	M	8	7:29	10.56	8.57	26.15	29.8	0.92	4	-	-	-
CR1	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	7:30	10.6	8.56	26.25	29.7	0.92	4	-	-	-
CR1	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	7:30	10.54	8.57	26.17	29.7	0.92	5	-	-	-
B3	6/8/2018	Cloudy	Light	Mid-Ebb	B	2.8	7:48	10.55	8.57	26.04	29.8	0.73	6	-	-	-
B3	6/8/2018	Cloudy	Light	Mid-Ebb	B	2.8	7:48	10.54	8.57	26.03	29.8	0.82	6	-	-	-
B3	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	7:48	10.54	8.57	26.02	29.8	1.14	6	-	-	-
B3	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	7:49	10.57	8.57	26.18	29.9	1.15	5	-	-	-
B4	6/8/2018	Cloudy	Light	Mid-Ebb	B	3.1	8:00	10.57	8.57	26.05	29.8	0.76	5	-	-	-
B4	6/8/2018	Cloudy	Light	Mid-Ebb	B	3.1	8:00	10.57	8.57	26.06	29.8	0.88	6	-	-	-
B4	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	8:00	10.54	8.57	26.04	29.8	0.8	7	-	-	-
B4	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	8:00	10.52	8.57	26.06	29.8	0.95	7	-	-	-
C2	6/8/2018	Cloudy	Light	Mid-Ebb	B	6.8	8:16	10.53	8.57	26.05	29.8	1.02	6	-	-	-
C2	6/8/2018	Cloudy	Light	Mid-Ebb	B	6.8	8:16	10.56	8.57	26.08	29.8	0.77	5	-	-	-
C2	6/8/2018	Cloudy	Light	Mid-Ebb	M	3.9	8:16	10.55	8.57	26.05	29.8	0.91	6	-	-	-
C2	6/8/2018	Cloudy	Light	Mid-Ebb	M	3.9	8:17	10.65	8.58	26.09	29.8	0.91	6	-	-	-
C2	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	8:17	10.76	8.59	26.07	30	0.91	6	-	-	-
C2	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	8:18	10.77	8.58	26.17	29.9	0.91	6	-	-	-
F1	6/8/2018	Cloudy	Light	Mid-Ebb	B	6	8:40	10.58	8.57	26.08	29.8	0.96	7	-	-	-
F1	6/8/2018	Cloudy	Light	Mid-Ebb	B	6	8:40	10.63	8.57	26.08	29.8	0.85	7	-	-	-
F1	6/8/2018	Cloudy	Light	Mid-Ebb	M	3.5	8:40	10.64	8.57	26.07	29.8	0.98	6	-	-	-
F1	6/8/2018	Cloudy	Light	Mid-Ebb	M	3.5	8:41	10.8	8.59	26.22	29.8	0.95	6	-	-	-

Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
F1	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	8:41	10.73	8.61	26.24	29.8	0.96	5	-	-	-
F1	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	8:42	10.74	8.6	26.21	29.8	0.98	6	-	-	-
M1	6/8/2018	Cloudy	Light	Mid-Ebb	B	8.4	9:03	10.65	8.57	26.06	29.8	0.81	7	-	-	-
M1	6/8/2018	Cloudy	Light	Mid-Ebb	B	8.4	9:03	10.65	8.57	26.06	29.8	0.93	6	-	-	-
M1	6/8/2018	Cloudy	Light	Mid-Ebb	M	4.7	9:03	10.65	8.57	26.06	29.8	0.94	7	-	-	-
M1	6/8/2018	Cloudy	Light	Mid-Ebb	M	4.7	9:04	10.58	8.59	26.05	29.7	0.94	6	-	-	-
M1	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	9:04	10.74	8.59	26.17	29.7	0.95	6	-	-	-
M1	6/8/2018	Cloudy	Light	Mid-Ebb	S	1	9:05	10.81	8.59	26.14	29.8	0.97	6	-	-	-
C2	8/8/2018	Fine	Light	Mid-Flood	B	7.4	0:33	10.56	8.57	26.02	29.8	0.99	8	-	-	-
C2	8/8/2018	Fine	Light	Mid-Flood	B	7.4	0:33	10.58	8.58	26.04	29.8	0.85	8	-	-	-
C2	8/8/2018	Fine	Light	Mid-Flood	M	4.2	0:33	10.61	8.58	26.04	29.8	0.96	7	-	-	-
C2	8/8/2018	Fine	Light	Mid-Flood	M	4.2	0:33	10.65	8.6	25.86	29.9	0.95	8	-	-	-
C2	8/8/2018	Fine	Light	Mid-Flood	S	1	0:33	10.82	8.61	25.99	30	0.93	6	-	-	-
C2	8/8/2018	Fine	Light	Mid-Flood	S	1	0:34	10.88	8.64	26.15	30	0.97	6	-	-	-
M1	8/8/2018	Fine	Light	Mid-Flood	B	8.8	0:54	10.6	8.58	26.02	29.8	0.73	9	-	-	-
M1	8/8/2018	Fine	Light	Mid-Flood	B	8.8	0:54	10.6	8.58	26.02	29.8	0.73	8	-	-	-
M1	8/8/2018	Fine	Light	Mid-Flood	M	4.9	0:54	10.59	8.58	26.01	29.8	0.92	5	-	-	-
M1	8/8/2018	Fine	Light	Mid-Flood	M	4.9	0:54	10.73	8.6	25.91	29.7	0.93	6	-	-	-
M1	8/8/2018	Fine	Light	Mid-Flood	S	1	0:55	10.96	8.61	25.88	29.7	0.93	4	-	-	-
M1	8/8/2018	Fine	Light	Mid-Flood	S	1	0:55	10.95	8.61	25.87	29.8	0.89	6	-	-	-
F1	8/8/2018	Fine	Light	Mid-Flood	B	6.7	1:15	10.59	8.58	26.01	29.8	0.83	7	-	-	-
F1	8/8/2018	Fine	Light	Mid-Flood	B	6.7	1:15	10.58	8.58	26.01	29.8	0.86	8	-	-	-
F1	8/8/2018	Fine	Light	Mid-Flood	M	3.9	1:16	10.68	8.58	26.21	29.9	0.9	6	-	-	-
F1	8/8/2018	Fine	Light	Mid-Flood	M	3.9	1:16	10.67	8.57	26.35	30	0.91	5	-	-	-
F1	8/8/2018	Fine	Light	Mid-Flood	S	1	1:16	10.77	8.6	26.38	30.1	0.91	6	-	-	-
F1	8/8/2018	Fine	Light	Mid-Flood	S	1	1:17	11.06	8.6	26.4	30.2	0.92	4	-	-	-
B4	8/8/2018	Fine	Light	Mid-Flood	B	3.8	1:36	10.6	8.58	26.01	29.8	0.91	7	-	-	-
B4	8/8/2018	Fine	Light	Mid-Flood	B	3.8	1:36	10.59	8.58	26.01	29.8	0.84	8	-	-	-
B4	8/8/2018	Fine	Light	Mid-Flood	S	1	1:36	10.67	8.61	26.14	29.9	0.85	7	-	-	-
B4	8/8/2018	Fine	Light	Mid-Flood	S	1	1:37	10.54	8.62	26.27	29.9	0.87	8	-	-	-
B3	8/8/2018	Fine	Light	Mid-Flood	B	3.4	1:48	10.59	8.58	25.99	29.8	0.79	6	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
B3	8/8/2018	Fine	Light	Mid-Flood	B	3.4	1:48	9.83	8.43	26.6	29.7	0.84	7	-	-	-
B3	8/8/2018	Fine	Light	Mid-Flood	S	1	1:48	9.27	8.46	26.43	29.7	0.86	7	-	-	-
B3	8/8/2018	Fine	Light	Mid-Flood	S	1	1:49	9.22	8.45	26.69	29.7	0.85	6	-	-	-
CR1	8/8/2018	Fine	Light	Mid-Flood	B	15.9	2:03	10.6	8.58	26.04	29.8	0.75	7	-	-	-
CR1	8/8/2018	Fine	Light	Mid-Flood	B	15.9	2:03	10.63	8.58	26.02	29.8	0.84	6	-	-	-
CR1	8/8/2018	Fine	Light	Mid-Flood	M	8.5	2:04	10.6	8.58	26.01	29.8	1.05	6	-	-	-
CR1	8/8/2018	Fine	Light	Mid-Flood	M	8.5	2:04	10.71	8.59	26.01	29.8	1.05	5	-	-	-
CR1	8/8/2018	Fine	Light	Mid-Flood	S	1	2:04	10.91	8.58	26.11	29.7	1.06	5	-	-	-
CR1	8/8/2018	Fine	Light	Mid-Flood	S	1	2:05	11.02	8.59	26.25	29.7	1.1	4	-	-	-
CR2	8/8/2018	Fine	Light	Mid-Flood	B	12.9	2:22	10.62	8.58	26.01	29.8	0.84	5	-	-	-
CR2	8/8/2018	Fine	Light	Mid-Flood	B	12.9	2:22	10.55	8.55	26.1	29.8	0.89	6	-	-	-
CR2	8/8/2018	Fine	Light	Mid-Flood	M	7	2:22	8.6	8.27	27.04	29.5	0.94	4	-	-	-
CR2	8/8/2018	Fine	Light	Mid-Flood	M	7	2:22	8.66	8.28	27.1	29.4	0.94	5	-	-	-
CR2	8/8/2018	Fine	Light	Mid-Flood	S	1	2:23	8.77	8.3	27.1	29.5	0.91	3	-	-	-
CR2	8/8/2018	Fine	Light	Mid-Flood	S	1	2:23	8.94	8.31	27.33	29.5	0.9	3	-	-	-
H1	8/8/2018	Fine	Light	Mid-Flood	B	7.1	2:44	10.44	8.58	26.04	29.8	1.04	6	-	-	-
H1	8/8/2018	Fine	Light	Mid-Flood	B	7.1	2:44	10.47	8.56	26.09	29.8	0.81	7	-	-	-
H1	8/8/2018	Fine	Light	Mid-Flood	M	4.1	2:44	9.31	8.29	26.7	29.6	1	6	-	-	-
H1	8/8/2018	Fine	Light	Mid-Flood	M	4.1	2:45	9.33	8.28	26.89	29.5	1.01	7	-	-	-
H1	8/8/2018	Fine	Light	Mid-Flood	S	1	2:45	9.35	8.28	26.85	29.5	1.01	7	-	-	-
H1	8/8/2018	Fine	Light	Mid-Flood	S	1	2:45	9.55	8.3	26.93	29.7	1.02	6	-	-	-
B2	8/8/2018	Fine	Light	Mid-Flood	B	3.9	3:05	10.49	8.58	26.01	29.8	0.95	8	-	-	-
B2	8/8/2018	Fine	Light	Mid-Flood	B	3.9	3:05	10.57	8.58	26.05	29.8	1	7	-	-	-
B2	8/8/2018	Fine	Light	Mid-Flood	S	1	3:05	10.54	8.58	26.11	29.8	1.01	7	-	-	-
B2	8/8/2018	Fine	Light	Mid-Flood	S	1	3:06	10.56	8.59	26.15	29.8	0.99	6	-	-	-
B1	8/8/2018	Fine	Light	Mid-Flood	B	4.1	3:20	9.75	8.36	26.24	29.7	0.88	8	-	-	-
B1	8/8/2018	Fine	Light	Mid-Flood	B	4.1	3:21	9.82	8.37	26.37	29.8	0.89	7	-	-	-
B1	8/8/2018	Fine	Light	Mid-Flood	S	1	3:21	10.03	8.36	26.45	29.7	0.9	6	-	-	-
B1	8/8/2018	Fine	Light	Mid-Flood	S	1	3:22	10.14	8.37	26.65	29.8	0.94	7	-	-	-
C1	8/8/2018	Fine	Light	Mid-Flood	B	11.5	3:36	10.66	8.58	25.99	29.8	0.9	7	-	-	-
C1	8/8/2018	Fine	Light	Mid-Flood	B	11.5	3:36	10.65	8.58	26.03	29.8	0.81	8	-	-	-

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 Integrated Waste Management Facilities, Phase 1
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
C1	8/8/2018	Fine	Light	Mid-Flood	M	6.3	3:36	8.09	8.22	27.54	29.1	0.76	7	-	-	-
C1	8/8/2018	Fine	Light	Mid-Flood	M	6.3	3:37	8.29	8.24	27.48	29.2	0.74	8	-	-	-
C1	8/8/2018	Fine	Light	Mid-Flood	S	1	3:37	8.37	8.23	27.6	29.2	0.73	6	-	-	-
C1	8/8/2018	Fine	Light	Mid-Flood	S	1	3:38	8.32	8.24	27.82	29.2	0.75	7	-	-	-
C1	8/8/2018	Sunny	Moderate	Mid-Ebb	B	11.3	7:53	10.71	8.58	25.99	29.8	0.72	8	-	-	-
C1	8/8/2018	Sunny	Moderate	Mid-Ebb	B	11.3	7:53	10.71	8.58	25.99	29.8	0.98	8	-	-	-
C1	8/8/2018	Sunny	Moderate	Mid-Ebb	M	6.2	7:53	10.7	8.58	25.98	29.8	1.01	7	-	-	-
C1	8/8/2018	Sunny	Moderate	Mid-Ebb	M	6.2	7:53	10.84	8.59	26.08	30	1	7	-	-	-
C1	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	7:54	10.97	8.59	26.09	30	0.98	6	-	-	-
C1	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	7:54	11.11	8.59	25.94	29.9	0.99	7	-	-	-
B1	8/8/2018	Sunny	Moderate	Mid-Ebb	B	4	8:15	10.67	8.58	25.98	29.8	0.98	6	-	-	-
B1	8/8/2018	Sunny	Moderate	Mid-Ebb	B	4	8:15	10.74	8.59	26.15	29.9	1.01	6	-	-	-
B1	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	8:16	10.92	8.59	26.1	29.9	1.04	5	-	-	-
B1	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	8:16	10.85	8.59	26.01	29.9	1.05	5	-	-	-
B2	8/8/2018	Sunny	Moderate	Mid-Ebb	B	3.8	8:30	10.68	8.58	25.97	29.8	0.98	8	-	-	-
B2	8/8/2018	Sunny	Moderate	Mid-Ebb	B	3.8	8:31	10.68	8.59	25.97	29.8	0.81	9	-	-	-
B2	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	8:31	10.53	8.61	25.92	29.9	0.8	6	-	-	-
B2	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	8:31	10.5	8.63	25.98	30	0.8	7	-	-	-
H1	8/8/2018	Sunny	Moderate	Mid-Ebb	B	6.9	8:46	10.68	8.59	25.97	29.9	0.78	7	-	-	-
H1	8/8/2018	Sunny	Moderate	Mid-Ebb	B	6.9	8:46	10.69	8.59	25.97	29.9	0.9	8	-	-	-
H1	8/8/2018	Sunny	Moderate	Mid-Ebb	M	4	8:46	10.69	8.59	25.97	29.9	0.79	8	-	-	-
H1	8/8/2018	Sunny	Moderate	Mid-Ebb	M	4	8:46	10.9	8.6	25.89	30	0.79	6	-	-	-
H1	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	8:47	11.02	8.61	25.97	29.9	0.81	6	-	-	-
H1	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	8:47	10.98	8.6	26.13	29.9	0.83	6	-	-	-
CR2	8/8/2018	Sunny	Moderate	Mid-Ebb	B	12.6	9:05	10.69	8.58	25.97	29.8	0.97	9	-	-	-
CR2	8/8/2018	Sunny	Moderate	Mid-Ebb	B	12.6	9:05	10.7	8.59	25.97	29.8	1.02	8	-	-	-
CR2	8/8/2018	Sunny	Moderate	Mid-Ebb	M	6.8	9:05	10.71	8.59	25.97	29.9	0.66	5	-	-	-
CR2	8/8/2018	Sunny	Moderate	Mid-Ebb	M	6.8	9:06	10.81	8.57	26	30	0.64	6	-	-	-
CR2	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	9:06	10.93	8.56	25.95	30	0.64	4	-	-	-
CR2	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	9:06	10.78	8.57	25.84	30	0.63	6	-	-	-
CR1	8/8/2018	Sunny	Moderate	Mid-Ebb	B	15.6	9:26	10.72	8.59	25.97	29.9	0.86	6	-	-	-

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Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
CR1	8/8/2018	Sunny	Moderate	Mid-Ebb	B	15.6	9:26	10.71	8.59	25.97	29.9	0.89	8	-	-	-
CR1	8/8/2018	Sunny	Moderate	Mid-Ebb	M	8.3	9:26	10.72	8.58	26	29.8	0.79	6	-	-	-
CR1	8/8/2018	Sunny	Moderate	Mid-Ebb	M	8.3	9:27	10.62	8.61	26.04	29.8	0.81	6	-	-	-
CR1	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	9:27	10.75	8.61	26.06	29.9	0.82	5	-	-	-
CR1	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	9:28	10.66	8.61	26.02	29.9	0.82	6	-	-	-
B3	8/8/2018	Sunny	Moderate	Mid-Ebb	B	3	9:47	10.72	8.59	25.98	29.8	0.9	6	-	-	-
B3	8/8/2018	Sunny	Moderate	Mid-Ebb	B	3	9:47	10.74	8.59	25.97	29.9	0.84	7	-	-	-
B3	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	9:48	10.6	8.61	26.16	29.9	0.83	6	-	-	-
B3	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	9:48	10.73	8.61	26.27	30	0.84	7	-	-	-
B4	8/8/2018	Sunny	Moderate	Mid-Ebb	B	3.5	9:59	10.73	8.59	25.96	29.9	0.96	7	-	-	-
B4	8/8/2018	Sunny	Moderate	Mid-Ebb	B	3.5	9:59	10.74	8.59	25.96	29.9	0.86	8	-	-	-
B4	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	10:00	10.7	8.59	25.99	30	0.87	6	-	-	-
B4	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	10:00	10.66	8.6	26.09	30	0.9	6	-	-	-
C2	8/8/2018	Sunny	Moderate	Mid-Ebb	B	7	10:15	10.74	8.59	25.96	29.9	0.73	9	-	-	-
C2	8/8/2018	Sunny	Moderate	Mid-Ebb	B	7	10:15	10.71	8.59	25.98	29.8	0.79	9	-	-	-
C2	8/8/2018	Sunny	Moderate	Mid-Ebb	M	4	10:16	10.78	8.6	26.26	29.8	0.76	8	-	-	-
C2	8/8/2018	Sunny	Moderate	Mid-Ebb	M	4	10:16	10.63	8.63	26.35	29.9	0.76	9	-	-	-
C2	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	10:17	10.7	8.62	26.31	29.9	0.77	8	-	-	-
C2	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	10:17	10.67	8.64	26.42	29.9	0.78	8	-	-	-
F1	8/8/2018	Sunny	Moderate	Mid-Ebb	B	6.4	10:38	10.72	8.59	25.97	29.9	0.9	7	-	-	-
F1	8/8/2018	Sunny	Moderate	Mid-Ebb	B	6.4	10:38	10.72	8.59	25.97	29.9	0.86	6	-	-	-
F1	8/8/2018	Sunny	Moderate	Mid-Ebb	M	3.7	10:38	10.73	8.59	25.98	29.8	0.98	6	-	-	-
F1	8/8/2018	Sunny	Moderate	Mid-Ebb	M	3.7	10:39	10.65	8.58	25.9	29.8	0.94	6	-	-	-
F1	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	10:39	10.59	8.59	25.91	29.9	0.92	6	-	-	-
F1	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	10:39	10.62	8.58	26	29.9	0.95	5	-	-	-
M1	8/8/2018	Sunny	Moderate	Mid-Ebb	B	8.5	11:01	10.77	8.59	25.98	29.8	0.92	10	-	-	-
M1	8/8/2018	Sunny	Moderate	Mid-Ebb	B	8.5	11:02	10.57	8.19	27.65	28.9	0.79	8	-	-	-
M1	8/8/2018	Sunny	Moderate	Mid-Ebb	M	4.8	11:02	10.89	8.2	27.63	28.9	0.8	9	-	-	-
M1	8/8/2018	Sunny	Moderate	Mid-Ebb	M	4.8	11:02	11.1	8.2	27.62	28.9	0.85	7	-	-	-
M1	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	11:03	11.03	8.22	27.54	28.9	0.84	7	-	-	-
M1	8/8/2018	Sunny	Moderate	Mid-Ebb	S	1	11:03	11.38	8.25	27.66	29	0.87	7	-	-	-

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 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
C2	10/8/2018	Cloudy	Strong	Mid-Flood	B	7.6	2:34	8.38	8.47	26.57	29.5	1.17	13	-	-	-
C2	10/8/2018	Cloudy	Strong	Mid-Flood	B	7.6	2:34	8.4	8.47	26.58	29.5	1.14	11	-	-	-
C2	10/8/2018	Cloudy	Strong	Mid-Flood	M	4.3	2:34	8.42	8.48	26.59	29.5	1.47	8	-	-	-
C2	10/8/2018	Cloudy	Strong	Mid-Flood	M	4.3	2:35	8.53	8.48	26.64	29.5	1.44	10	-	-	-
C2	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	2:35	8.67	8.49	26.68	29.5	1.49	6	-	-	-
C2	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	2:36	8.64	8.49	26.64	29.5	1.45	6	-	-	-
M1	10/8/2018	Cloudy	Strong	Mid-Flood	B	8.9	2:56	8.46	8.48	26.6	29.5	1.37	8	-	-	-
M1	10/8/2018	Cloudy	Strong	Mid-Flood	B	8.9	2:57	8.43	8.47	26.69	29.5	1.2	7	-	-	-
M1	10/8/2018	Cloudy	Strong	Mid-Flood	M	5	2:57	8.34	8.49	26.57	29.4	1.19	6	-	-	-
M1	10/8/2018	Cloudy	Strong	Mid-Flood	M	5	2:57	8.42	8.48	26.62	29.4	1.18	6	-	-	-
M1	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	2:58	8.44	8.48	26.85	29.5	1.16	6	-	-	-
M1	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	2:58	8.38	8.5	26.73	29.4	1.13	6	-	-	-
F1	10/8/2018	Cloudy	Strong	Mid-Flood	B	7	3:17	8.41	8.48	26.69	29.5	1.91	11	-	-	-
F1	10/8/2018	Cloudy	Strong	Mid-Flood	B	7	3:17	8.38	8.47	26.71	29.5	1.57	12	-	-	-
F1	10/8/2018	Cloudy	Strong	Mid-Flood	M	4	3:17	8.36	8.46	26.64	29.5	1.56	10	-	-	-
F1	10/8/2018	Cloudy	Strong	Mid-Flood	M	4	3:18	8.3	8.45	26.67	29.5	1.6	11	-	-	-
F1	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	3:18	8.31	8.45	26.59	29.5	1.66	8	-	-	-
F1	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	3:19	8.41	8.46	26.6	29.6	1.69	7	-	-	-
B4	10/8/2018	Cloudy	Strong	Mid-Flood	B	3.9	3:37	8.34	8.47	26.77	29.4	1.47	6	-	-	-
B4	10/8/2018	Cloudy	Strong	Mid-Flood	B	3.9	3:37	8.39	8.49	26.74	29.5	1.46	6	-	-	-
B4	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	3:38	8.53	8.5	26.88	29.6	1.52	4	-	-	-
B4	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	3:38	8.62	8.51	26.9	29.6	1.51	6	-	-	-
B3	10/8/2018	Cloudy	Strong	Mid-Flood	B	3.6	3:49	8.38	8.49	26.68	29.5	1.62	7	-	-	-
B3	10/8/2018	Cloudy	Strong	Mid-Flood	B	3.6	3:49	8.32	8.48	26.75	29.4	1.42	9	-	-	-
B3	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	3:50	8.25	8.5	26.7	29.6	1.45	8	-	-	-
B3	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	3:50	8.15	8.51	26.54	29.6	1.46	6	-	-	-
CR1	10/8/2018	Cloudy	Strong	Mid-Flood	B	16	4:03	8.46	8.51	26.59	29.5	1.33	8	-	-	-
CR1	10/8/2018	Cloudy	Strong	Mid-Flood	B	16	4:03	8.45	8.51	26.59	29.5	1.21	8	-	-	-
CR1	10/8/2018	Cloudy	Strong	Mid-Flood	M	8.5	4:03	8.46	8.51	26.58	29.5	1.17	6	-	-	-
CR1	10/8/2018	Cloudy	Strong	Mid-Flood	M	8.5	4:03	8.67	8.51	26.55	29.4	1.19	8	-	-	-
CR1	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	4:04	8.57	8.5	26.42	29.4	1.21	6	-	-	-

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 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
CR1	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	4:04	8.77	8.5	26.43	29.4	1.23	6	-	-	-
CR2	10/8/2018	Cloudy	Strong	Mid-Flood	B	13.2	4:21	8.46	8.51	26.59	29.5	1.52	6	-	-	-
CR2	10/8/2018	Cloudy	Strong	Mid-Flood	B	13.2	4:21	8.46	8.51	26.6	29.5	1.51	7	-	-	-
CR2	10/8/2018	Cloudy	Strong	Mid-Flood	M	7.1	4:21	8.45	8.51	26.6	29.5	1.39	5	-	-	-
CR2	10/8/2018	Cloudy	Strong	Mid-Flood	M	7.1	4:22	8.39	8.53	26.51	29.6	1.35	6	-	-	-
CR2	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	4:22	8.36	8.55	26.52	29.5	1.35	5	-	-	-
CR2	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	4:22	8.19	8.55	26.61	29.5	1.35	4	-	-	-
H1	10/8/2018	Cloudy	Strong	Mid-Flood	B	7.4	4:42	8.11	8.55	26.85	29.5	1.35	7	-	-	-
H1	10/8/2018	Cloudy	Strong	Mid-Flood	B	7.4	4:43	8.14	8.54	26.99	29.5	1.34	6	-	-	-
H1	10/8/2018	Cloudy	Strong	Mid-Flood	M	4.2	4:43	8.31	8.55	27.05	29.5	1.32	5	-	-	-
H1	10/8/2018	Cloudy	Strong	Mid-Flood	M	4.2	4:44	8.29	8.54	27.04	29.6	1.31	5	-	-	-
H1	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	4:44	8.35	8.54	26.99	29.6	1.33	5	-	-	-
H1	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	4:44	8.51	8.56	27.09	29.6	1.32	5	-	-	-
B2	10/8/2018	Cloudy	Strong	Mid-Flood	B	4.2	5:03	8.44	8.51	26.6	29.5	1.27	8	-	-	-
B2	10/8/2018	Cloudy	Strong	Mid-Flood	B	4.2	5:03	8.44	8.51	26.6	29.5	1.03	7	-	-	-
B2	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	5:04	8.53	8.52	26.62	29.6	0.99	8	-	-	-
B2	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	5:04	8.58	8.54	26.61	29.7	0.95	6	-	-	-
B1	10/8/2018	Cloudy	Strong	Mid-Flood	B	4.2	5:17	8.44	8.51	26.6	29.5	1.29	7	-	-	-
B1	10/8/2018	Cloudy	Strong	Mid-Flood	B	4.2	5:18	8.34	8.53	26.7	29.5	1.3	8	-	-	-
B1	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	5:18	8.22	8.52	26.78	29.6	1.34	7	-	-	-
B1	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	5:19	8.13	8.55	26.87	29.5	1.34	7	-	-	-
C1	10/8/2018	Cloudy	Strong	Mid-Flood	B	11.7	5:33	8.44	8.51	26.6	29.5	1.3	10	-	-	-
C1	10/8/2018	Cloudy	Strong	Mid-Flood	B	11.7	5:33	8.43	8.51	26.61	29.5	1.26	9	-	-	-
C1	10/8/2018	Cloudy	Strong	Mid-Flood	M	6.3	5:33	8.41	8.51	26.61	29.5	1.3	8	-	-	-
C1	10/8/2018	Cloudy	Strong	Mid-Flood	M	6.3	5:33	8.41	8.51	26.61	29.5	1.38	9	-	-	-
C1	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	5:34	8.48	8.51	26.61	29.6	1.39	7	-	-	-
C1	10/8/2018	Cloudy	Strong	Mid-Flood	S	1	5:34	8.51	8.51	26.67	29.7	1.37	8	-	-	-
C1	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	11.4	9:36	8.41	8.51	26.61	29.5	1.16	8	-	-	-
C1	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	11.4	9:36	8.41	8.51	26.61	29.5	1.34	8	-	-	-
C1	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	6.2	9:36	8.4	8.51	26.66	29.5	1.65	4	-	-	-
C1	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	6.2	9:37	8.47	8.51	26.6	29.5	1.65	4	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
C1	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	9:37	8.4	8.53	26.76	29.4	1.65	4	-	-	-
C1	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	9:38	8.44	8.54	26.78	29.5	1.68	4	-	-	-
B1	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	4.3	10:00	8.42	8.52	26.61	29.5	1.46	5	-	-	-
B1	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	4.3	10:00	8.41	8.52	26.48	29.5	1.45	4	-	-	-
B1	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	10:01	8.29	8.53	26.43	29.5	1.44	4	-	-	-
B1	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	10:01	8.4	8.53	26.53	29.5	1.45	3	-	-	-
B2	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	4	10:15	8.42	8.51	26.63	29.5	1.17	7	-	-	-
B2	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	4	10:15	8.63	8.53	26.62	29.5	1.15	8	-	-	-
B2	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	10:15	8.48	8.52	26.79	29.5	1.19	8	-	-	-
B2	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	10:16	8.35	8.55	26.74	29.6	1.23	5	-	-	-
H1	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	7.1	10:31	8.39	8.51	26.67	29.5	1.38	6	-	-	-
H1	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	7.1	10:31	8.4	8.51	26.69	29.5	1.68	5	-	-	-
H1	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	4	10:32	8.52	8.52	26.82	29.6	1.72	4	-	-	-
H1	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	4	10:32	8.7	8.52	26.91	29.7	1.7	5	-	-	-
H1	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	10:32	8.87	8.53	27.04	29.7	1.72	4	-	-	-
H1	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	10:33	8.88	8.53	26.99	29.8	1.76	5	-	-	-
CR2	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	12.8	10:51	8.4	8.52	26.62	29.5	1.66	7	-	-	-
CR2	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	12.8	10:51	8.38	8.51	26.68	29.5	1.39	9	-	-	-
CR2	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	6.9	10:51	8.28	8.5	26.93	29.6	1.41	7	-	-	-
CR2	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	6.9	10:52	8.42	8.5	27.07	29.6	1.41	6	-	-	-
CR2	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	10:52	8.67	8.52	27.05	29.6	1.41	4	-	-	-
CR2	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	10:52	8.61	8.51	27.08	29.6	1.42	5	-	-	-
CR1	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	15.7	11:12	8.41	8.52	26.63	29.5	1.44	7	-	-	-
CR1	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	15.7	11:12	8.39	8.51	26.68	29.5	1.31	8	-	-	-
CR1	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	8.3	11:12	8.62	8.5	26.73	29.6	1.32	7	-	-	-
CR1	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	8.3	11:13	8.47	8.5	26.81	29.5	1.31	7	-	-	-
CR1	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	11:13	8.61	8.5	26.73	29.6	1.32	5	-	-	-
CR1	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	11:13	8.52	8.51	26.87	29.8	1.33	5	-	-	-
B3	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	3.2	11:32	8.33	8.51	26.71	29.5	1.53	5	-	-	-
B3	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	3.2	11:33	8.49	8.5	26.66	29.5	1.56	6	-	-	-
B3	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	11:33	8.46	8.51	26.61	29.6	1.55	5	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
B3	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	11:34	8.58	8.52	26.56	29.5	1.53	6	-	-	-
B4	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	3.7	11:44	8.34	8.5	26.73	29.5	1.91	8	-	-	-
B4	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	3.7	11:44	8.58	8.5	26.86	29.5	1.94	7	-	-	-
B4	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	11:45	8.48	8.51	26.83	29.5	1.96	6	-	-	-
B4	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	11:45	8.58	8.52	26.79	29.5	2.01	6	-	-	-
C2	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	7.1	12:00	8.03	8.46	26.94	29.4	1.69	6	-	-	-
C2	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	7.1	12:00	8.24	8.51	26.65	29.5	1.25	7	-	-	-
C2	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	4.1	12:01	8.23	8.52	26.73	29.6	1.26	6	-	-	-
C2	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	4.1	12:01	8.21	8.52	26.78	29.6	1.29	6	-	-	-
C2	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	12:01	8.37	8.53	26.83	29.6	1.34	5	-	-	-
C2	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	12:02	8.61	8.54	26.82	29.7	1.34	7	-	-	-
F1	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	6.5	12:25	8.75	8.55	26.92	29.7	1.37	8	-	-	-
F1	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	6.5	12:25	8.93	8.54	26.97	29.8	1.4	8	-	-	-
F1	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	3.7	12:26	9.01	8.56	26.9	29.9	1.4	8	-	-	-
F1	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	3.7	12:26	9.13	8.56	26.85	29.9	1.36	8	-	-	-
F1	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	12:27	9.06	8.57	26.84	29.9	1.35	7	-	-	-
F1	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	12:27	9.13	8.56	26.95	29.8	1.36	7	-	-	-
M1	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	8.6	12:49	8.24	8.5	26.73	29.4	1.47	6	-	-	-
M1	10/8/2018	Cloudy	Fresh	Mid-Ebb	B	8.6	12:50	8.24	8.52	26.79	29.5	1.48	8	-	-	-
M1	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	4.8	12:50	8.3	8.51	26.94	29.5	1.5	5	-	-	-
M1	10/8/2018	Cloudy	Fresh	Mid-Ebb	M	4.8	12:50	8.14	8.53	26.86	29.5	1.55	7	-	-	-
M1	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	12:51	8.07	8.54	27.02	29.5	1.56	5	-	-	-
M1	10/8/2018	Cloudy	Fresh	Mid-Ebb	S	1	12:51	8.14	8.54	27.11	29.5	1.56	7	-	-	-
C2	13/8/2018	Cloudy	Light	Mid-Flood	B	5.8	5:20	8	8.04	26.71	28.8	1.48	16	-	-	-
C2	13/8/2018	Cloudy	Light	Mid-Flood	B	5.8	5:21	8.13	8.04	26.61	28.9	1.5	16	-	-	-
C2	13/8/2018	Cloudy	Light	Mid-Flood	M	3.4	5:21	8.04	8.04	26.77	28.9	1.46	14	-	-	-
C2	13/8/2018	Cloudy	Light	Mid-Flood	M	3.4	5:22	8.18	8.04	26.63	28.9	1.46	13	-	-	-
C2	13/8/2018	Cloudy	Light	Mid-Flood	S	1	5:22	8.29	8.04	26.52	28.9	1.47	8	-	-	-
C2	13/8/2018	Cloudy	Light	Mid-Flood	S	1	5:22	8.56	8.04	26.64	29	1.48	8	-	-	-
B4	13/8/2018	Cloudy	Light	Mid-Flood	B	3.8	5:36	8.65	8.06	26.84	28.9	1.48	6	-	-	-
B4	13/8/2018	Cloudy	Light	Mid-Flood	B	3.8	5:37	8.73	8.06	26.9	29	1.49	7	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
B4	13/8/2018	Cloudy	Light	Mid-Flood	S	1	5:37	8.72	8.05	26.8	28.9	1.48	6	-	-	-
B4	13/8/2018	Cloudy	Light	Mid-Flood	S	1	5:38	8.56	8.06	26.92	29.1	1.45	6	-	-	-
B3	13/8/2018	Cloudy	Light	Mid-Flood	B	3.4	5:47	8.76	8.05	26.97	29.1	1.51	7	-	-	-
B3	13/8/2018	Cloudy	Light	Mid-Flood	B	3.4	5:47	8.85	8.04	27.07	29	1.48	7	-	-	-
B3	13/8/2018	Cloudy	Light	Mid-Flood	S	1	5:48	8.95	8.05	27.13	29	1.51	8	-	-	-
B3	13/8/2018	Cloudy	Light	Mid-Flood	S	1	5:48	9.19	8.04	27.2	29	1.51	8	-	-	-
CR1	13/8/2018	Cloudy	Light	Mid-Flood	B	14.8	6:02	7.99	8.05	27.11	28.6	1.62	6	-	-	-
CR1	13/8/2018	Cloudy	Light	Mid-Flood	B	14.8	6:02	7.98	8.05	27.23	28.3	1.8	6	-	-	-
CR1	13/8/2018	Cloudy	Light	Mid-Flood	M	7.9	6:02	7.95	8.05	27.29	28.2	1.97	5	-	-	-
CR1	13/8/2018	Cloudy	Light	Mid-Flood	M	7.9	6:03	8.03	8.04	27.11	28.1	1.95	6	-	-	-
CR1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	6:03	7.92	8.05	27.39	28.1	1.93	3	-	-	-
CR1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	6:03	7.9	8.05	27.59	28.2	1.92	3	-	-	-
S3	13/8/2018	Cloudy	Light	Mid-Flood	B	10.8	6:18	8	8.06	26.53	29	1.4	6	-	-	-
S3	13/8/2018	Cloudy	Light	Mid-Flood	B	10.8	6:18	8.15	8.07	26.7	29	1.37	6	-	-	-
S3	13/8/2018	Cloudy	Light	Mid-Flood	M	5.9	6:19	8.28	8.06	26.96	29.1	1.35	5	-	-	-
S3	13/8/2018	Cloudy	Light	Mid-Flood	M	5.9	6:19	8.37	8.07	27.18	29.1	1.38	6	-	-	-
S3	13/8/2018	Cloudy	Light	Mid-Flood	S	1	6:20	8.25	8.05	27.34	29.1	1.42	6	-	-	-
S3	13/8/2018	Cloudy	Light	Mid-Flood	S	1	6:20	8.24	8.07	27.26	29.2	1.45	6	-	-	-
CR2	13/8/2018	Cloudy	Light	Mid-Flood	B	11	6:35	8	8.07	27.08	28.6	1.62	7	-	-	-
CR2	13/8/2018	Cloudy	Light	Mid-Flood	B	11	6:36	8.21	8.08	27.2	28.6	1.66	6	-	-	-
CR2	13/8/2018	Cloudy	Light	Mid-Flood	M	6	6:36	8.32	8.09	27.38	28.7	1.65	6	-	-	-
CR2	13/8/2018	Cloudy	Light	Mid-Flood	M	6	6:37	8.61	8.09	27.47	28.6	1.66	6	-	-	-
CR2	13/8/2018	Cloudy	Light	Mid-Flood	S	1	6:37	8.64	8.1	27.47	28.7	1.67	5	-	-	-
CR2	13/8/2018	Cloudy	Light	Mid-Flood	S	1	6:37	8.73	8.09	27.31	28.7	1.65	6	-	-	-
H1	13/8/2018	Cloudy	Light	Mid-Flood	B	5	6:52	8.01	8.07	26.54	29.1	1.39	8	-	-	-
H1	13/8/2018	Cloudy	Light	Mid-Flood	B	5	6:52	8	8.07	26.61	28.9	1.4	9	-	-	-
H1	13/8/2018	Cloudy	Light	Mid-Flood	M	3	6:52	8.01	8.07	27.11	28.5	1.58	6	-	-	-
H1	13/8/2018	Cloudy	Light	Mid-Flood	M	3	6:53	7.94	8.08	26.92	28.5	1.56	6	-	-	-
H1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	6:53	8.08	8.1	26.81	28.6	1.58	4	-	-	-
H1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	6:54	8.18	8.11	26.98	28.6	1.58	5	-	-	-
S2	13/8/2018	Cloudy	Light	Mid-Flood	B	7.6	7:07	8.02	8.07	27.1	28.5	1.66	6	-	-	-

Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
S2	13/8/2018	Cloudy	Light	Mid-Flood	B	7.6	7:07	8.01	8.07	27.11	28.4	1.75	6	-	-	-
S2	13/8/2018	Cloudy	Light	Mid-Flood	M	4.3	7:07	8.01	8.06	27.02	28.5	1.77	5	-	-	-
S2	13/8/2018	Cloudy	Light	Mid-Flood	M	4.3	7:08	7.95	8.06	27.07	28.5	1.8	6	-	-	-
S2	13/8/2018	Cloudy	Light	Mid-Flood	S	1	7:08	7.99	8.08	27.25	28.6	1.79	4	-	-	-
S2	13/8/2018	Cloudy	Light	Mid-Flood	S	1	7:09	7.96	8.06	27.19	28.6	1.83	4	-	-	-
B2	13/8/2018	Cloudy	Light	Mid-Flood	S	1	7:23	8.2	8.09	26.9	29.2	1.55	10	-	-	-
B2	13/8/2018	Cloudy	Light	Mid-Flood	B	3	7:24	8.28	8.09	26.86	29.4	1.53	9	-	-	-
B2	13/8/2018	Cloudy	Light	Mid-Flood	S	1	7:24	8.09	8.1	26.9	29.4	1.53	10	-	-	-
B2	13/8/2018	Cloudy	Light	Mid-Flood	B	3	7:25	8.52	8.11	26.85	29.3	1.51	9	-	-	-
S1	13/8/2018	Cloudy	Light	Mid-Flood	B	3.8	7:34	8.02	8.07	26.66	28.9	1.41	3	-	-	-
S1	13/8/2018	Cloudy	Light	Mid-Flood	B	3.8	7:34	7.98	8.06	26.83	29	1.42	4	-	-	-
S1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	7:35	7.88	8.06	26.7	28.9	1.42	4	-	-	-
S1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	7:35	8.07	8.06	26.67	29	1.46	4	-	-	-
B1	13/8/2018	Cloudy	Light	Mid-Flood	B	4	7:46	8.14	8.07	26.65	29.1	1.51	8	-	-	-
B1	13/8/2018	Cloudy	Light	Mid-Flood	B	4	7:46	8.18	8.07	26.6	29.1	1.47	8	-	-	-
B1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	7:47	8.21	8.08	26.5	29.2	1.46	8	-	-	-
B1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	7:47	8.28	8.08	26.48	29.3	1.46	8	-	-	-
C1	13/8/2018	Cloudy	Light	Mid-Flood	B	9.6	8:01	8.02	8.08	26.64	29	1.43	9	-	-	-
C1	13/8/2018	Cloudy	Light	Mid-Flood	B	9.6	8:01	8.09	8.07	26.68	29.1	1.43	8	-	-	-
C1	13/8/2018	Cloudy	Light	Mid-Flood	M	5.3	8:02	8.34	8.09	26.84	29	1.42	8	-	-	-
C1	13/8/2018	Cloudy	Light	Mid-Flood	M	5.3	8:02	8.43	8.08	26.95	29	1.42	8	-	-	-
C1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	8:03	8.46	8.09	26.84	28.9	1.43	8	-	-	-
C1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	8:03	8.49	8.09	26.98	29.1	1.43	8	-	-	-
M1	13/8/2018	Cloudy	Light	Mid-Flood	B	7.5	8:18	8.03	8.08	26.74	28.8	1.48	4	-	-	-
M1	13/8/2018	Cloudy	Light	Mid-Flood	B	7.5	8:18	8.03	8.08	26.71	28.9	1.61	4	-	-	-
M1	13/8/2018	Cloudy	Light	Mid-Flood	M	4.3	8:18	8.14	8.09	26.87	29	1.6	3	-	-	-
M1	13/8/2018	Cloudy	Light	Mid-Flood	M	4.3	8:19	8.25	8.11	26.9	29	1.61	3	-	-	-
M1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	8:19	8.27	8.1	26.98	29.1	1.64	3	-	-	-
M1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	8:20	8.48	8.1	27.03	29.1	1.68	3	-	-	-
F1	13/8/2018	Cloudy	Light	Mid-Flood	B	5.4	8:36	8.52	8.1	26.9	29.1	1.68	6	-	-	-
F1	13/8/2018	Cloudy	Light	Mid-Flood	B	5.4	8:36	8.68	8.1	26.95	29.2	1.66	6	-	-	-

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 Integrated Waste Management Facilities, Phase 1
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
F1	13/8/2018	Cloudy	Light	Mid-Flood	M	3.2	8:37	8.57	8.11	26.85	29.3	1.66	4	-	-	-
F1	13/8/2018	Cloudy	Light	Mid-Flood	M	3.2	8:37	8.75	8.1	26.93	29.3	1.61	4	-	-	-
F1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	8:37	8.85	8.11	26.84	29.3	1.61	4	-	-	-
F1	13/8/2018	Cloudy	Light	Mid-Flood	S	1	8:38	8.81	8.13	26.9	29.4	1.6	5	-	-	-
C1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	9.4	12:00	8.01	8.08	26.77	28.8	1.39	4	-	-	-
C1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	9.4	12:00	8.01	8.07	27.12	28.5	1.54	4	-	-	-
C1	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.2	12:00	8.05	8.08	27.36	28.6	1.56	3	-	-	-
C1	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.2	12:01	8.02	8.09	27.48	28.6	1.55	4	-	-	-
C1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	12:01	7.86	8.1	27.43	28.6	1.54	3	-	-	-
C1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	12:02	8.03	8.1	27.45	28.6	1.57	3	-	-	-
B1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.7	12:16	7.99	8.08	26.66	28.9	1.48	4	-	-	-
B1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.7	12:16	7.99	8.08	26.63	29	1.36	3	-	-	-
B1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	12:16	8.02	8.08	26.77	29.1	1.32	2	-	-	-
B1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	12:17	8.08	8.08	26.67	29.1	1.37	2	-	-	-
S1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.5	12:28	8.05	8.09	26.74	29	1.34	3	-	-	-
S1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.5	12:28	8.28	8.11	26.82	28.9	1.32	2	-	-	-
S1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	12:29	8.45	8.11	27.01	29	1.31	2	-	-	-
S1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	12:29	8.57	8.11	26.94	29	1.3	2	-	-	-
B2	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	2.8	12:39	8.59	8.11	26.96	29.1	1.34	4	-	-	-
B2	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	2.8	12:40	8.65	8.12	27.12	29.1	1.3	5	-	-	-
B2	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	12:40	8.72	8.14	27.19	29.1	1.28	4	-	-	-
B2	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	12:40	8.77	8.15	27.18	29	1.3	4	-	-	-
S2	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	7.4	12:53	8.02	8.08	26.69	28.9	1.39	4	-	-	-
S2	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	7.4	12:53	7.96	8.07	26.71	29	1.4	3	-	-	-
S2	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	4.2	12:53	8.03	8.09	26.8	29.1	1.39	3	-	-	-
S2	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	4.2	12:54	8.12	8.11	26.95	29.2	1.42	3	-	-	-
S2	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	12:54	8.14	8.1	26.91	29.2	1.4	3	-	-	-
S2	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	12:55	8.19	8.1	26.86	29.3	1.39	3	-	-	-
H1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	4.8	13:08	8.23	8.11	26.7	29.4	1.4	2	-	-	-
H1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	4.8	13:08	8.31	8.11	26.92	29.4	1.41	3	-	-	-
H1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:08	8.37	8.13	27.13	29.4	1.38	3	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
H1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:09	8.5	8.12	27.09	29.4	1.39	3	-	-	-
CR2	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	10.7	13:24	8.03	8.08	26.91	28.6	1.65	5	-	-	-
CR2	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	10.7	13:24	8.04	8.08	26.86	28.7	1.63	5	-	-	-
CR2	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.9	13:25	7.88	8.1	26.85	28.7	1.59	4	-	-	-
CR2	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.9	13:25	7.96	8.11	27.05	28.7	1.58	5	-	-	-
CR2	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:25	8.15	8.1	27.01	28.7	1.6	4	-	-	-
CR2	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:26	8.02	8.09	26.99	28.9	1.61	4	-	-	-
S3	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	10.6	13:39	8.02	8.08	27.12	29	1.62	5	-	-	-
S3	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	10.6	13:39	8.08	8.11	27.19	29	1.61	6	-	-	-
S3	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.8	13:40	8.3	8.12	27.21	29.1	1.61	3	-	-	-
S3	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.8	13:40	8.41	8.11	27.19	29.1	1.61	3	-	-	-
S3	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:41	8.37	8.12	27.1	29	1.6	3	-	-	-
S3	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:41	8.33	8.14	27.13	29	1.59	3	-	-	-
CR1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	14.4	13:54	7.94	8.07	27.15	28.4	1.75	5	-	-	-
CR1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	14.4	13:54	7.77	8.08	27.31	28.5	1.77	5	-	-	-
CR1	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	7.7	13:55	7.67	8.08	27.17	28.6	1.81	6	-	-	-
CR1	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	7.7	13:55	7.84	8.09	27.08	28.6	1.82	5	-	-	-
CR1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:56	7.78	8.09	27.22	28.6	1.81	5	-	-	-
CR1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:56	7.88	8.09	27.33	28.6	1.79	5	-	-	-
B3	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.4	14:09	8.03	8.08	26.66	29	1.49	3	-	-	-
B3	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.4	14:09	8.01	8.09	26.67	29.1	1.52	3	-	-	-
B3	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:10	8.29	8.1	26.79	29.1	1.48	3	-	-	-
B3	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:10	8.49	8.1	26.68	29.2	1.48	2	-	-	-
B4	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.2	14:19	8.65	8.11	26.77	29.3	1.49	3	-	-	-
B4	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.2	14:19	8.83	8.11	26.95	29.4	1.51	3	-	-	-
B4	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:20	8.81	8.1	26.84	29.4	1.5	3	-	-	-
B4	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:20	8.71	8.12	27.08	29.5	1.52	3	-	-	-
C2	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.4	14:34	8.03	8.08	26.69	28.9	1.57	3	-	-	-
C2	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.4	14:34	8.04	8.08	26.69	28.9	1.38	3	-	-	-
C2	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.2	14:35	8.08	8.08	26.87	29	1.38	3	-	-	-
C2	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.2	14:35	8.3	8.1	26.8	28.9	1.37	3	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
C2	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:35	8.37	8.11	26.82	29	1.37	2	-	-	-
C2	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:36	8.29	8.12	26.94	29.1	1.35	2	-	-	-
F1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.1	14:52	8.4	8.11	27.05	29.2	1.38	4	-	-	-
F1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.1	14:52	8.48	8.11	27.29	29.2	1.39	4	-	-	-
F1	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.1	14:53	8.53	8.11	27.41	29.3	1.43	4	-	-	-
F1	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.1	14:53	8.67	8.12	27.57	29.3	1.46	3	-	-	-
F1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:53	8.65	8.12	27.6	29.2	1.49	3	-	-	-
F1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:54	8.58	8.13	27.71	29.1	1.5	3	-	-	-
M1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	7.2	15:10	8.04	8.08	27.08	28.4	1.65	4	-	-	-
M1	13/8/2018	Cloudy	Moderate	Mid-Ebb	B	7.2	15:10	8.27	8.1	27.11	28.5	1.66	4	-	-	-
M1	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	4.1	15:10	8.33	8.1	27.2	28.5	1.68	3	-	-	-
M1	13/8/2018	Cloudy	Moderate	Mid-Ebb	M	4.1	15:11	8.26	8.1	27.32	28.6	1.69	4	-	-	-
M1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:11	8.39	8.09	27.39	28.7	1.65	3	-	-	-
M1	13/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:12	8.49	8.11	27.35	28.7	1.66	4	-	-	-
C2	15/8/2018	Cloudy	Moderate	Mid-Flood	B	6	6:57	8.52	8.09	27.57	28.3	2.3	9	-	-	-
C2	15/8/2018	Cloudy	Moderate	Mid-Flood	B	6	6:57	8.64	8.08	27.64	28.3	2.26	8	-	-	-
C2	15/8/2018	Cloudy	Moderate	Mid-Flood	M	3.5	6:58	8.75	8.08	27.93	28.3	2.28	8	-	-	-
C2	15/8/2018	Cloudy	Moderate	Mid-Flood	M	3.5	6:58	8.76	8.09	27.95	28.4	2.28	8	-	-	-
C2	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	6:59	8.68	8.1	27.98	28.4	2.27	7	-	-	-
C2	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	6:59	8.97	8.11	27.86	28.4	2.26	8	-	-	-
B4	15/8/2018	Cloudy	Moderate	Mid-Flood	B	3.6	7:13	9.1	8.11	27.92	28.4	2.25	10	-	-	-
B4	15/8/2018	Cloudy	Moderate	Mid-Flood	B	3.6	7:14	9.27	8.1	27.95	28.5	2.26	11	-	-	-
B4	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:14	9.2	8.09	28.05	28.5	2.24	9	-	-	-
B4	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:14	9.36	8.09	28.13	28.5	2.23	8	-	-	-
B3	15/8/2018	Cloudy	Moderate	Mid-Flood	B	3.9	7:25	8.52	8.09	27.57	28.3	2.3	8	-	-	-
B3	15/8/2018	Cloudy	Moderate	Mid-Flood	B	3.9	7:25	8.49	8.08	27.75	28.3	2.31	8	-	-	-
B3	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:26	8.44	8.08	28	28.3	2.31	9	-	-	-
B3	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:26	8.47	8.08	28.1	28.4	2.27	9	-	-	-
CR1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	15.1	7:40	8.55	8.09	27.5	28.4	2.09	9	-	-	-
CR1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	15.1	7:40	8.49	8.08	27.47	28.6	2.04	9	-	-	-
CR1	15/8/2018	Cloudy	Moderate	Mid-Flood	M	8.1	7:41	8.55	8.09	27.34	28.5	2.03	9	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
CR1	15/8/2018	Cloudy	Moderate	Mid-Flood	M	8.1	7:41	8.76	8.07	27.21	28.7	2.06	8	-	-	-
CR1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:42	8.97	8.09	27.19	28.7	2.09	7	-	-	-
CR1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:42	9.1	8.1	27.4	28.8	2.13	8	-	-	-
S3	15/8/2018	Cloudy	Moderate	Mid-Flood	B	10.9	7:56	9.2	8.11	27.53	28.9	2.11	11	-	-	-
S3	15/8/2018	Cloudy	Moderate	Mid-Flood	B	10.9	7:56	9.17	8.11	27.72	29	2.12	11	-	-	-
S3	15/8/2018	Cloudy	Moderate	Mid-Flood	M	6	7:57	9.19	8.13	27.77	29.1	2.13	8	-	-	-
S3	15/8/2018	Cloudy	Moderate	Mid-Flood	M	6	7:57	9.2	8.12	27.62	29.1	2.13	8	-	-	-
S3	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:58	9.14	8.11	27.5	29.2	2.17	8	-	-	-
S3	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:58	9.31	8.12	27.65	29.2	2.18	8	-	-	-
CR2	15/8/2018	Cloudy	Moderate	Mid-Flood	B	11.2	8:13	8.38	8.09	27.58	28.3	2.29	10	-	-	-
CR2	15/8/2018	Cloudy	Moderate	Mid-Flood	B	11.2	8:14	8.28	8.09	27.58	28.4	2.27	11	-	-	-
CR2	15/8/2018	Cloudy	Moderate	Mid-Flood	M	6.1	8:14	8.16	8.12	27.65	28.4	2.26	9	-	-	-
CR2	15/8/2018	Cloudy	Moderate	Mid-Flood	M	6.1	8:15	8.22	8.13	27.81	28.4	2.26	8	-	-	-
CR2	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	8:15	8.45	8.13	27.65	28.5	2.3	7	-	-	-
CR2	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	8:16	8.47	8.14	27.72	28.5	2.3	7	-	-	-
H1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	5.3	8:30	8.58	8.14	27.81	28.6	2.29	10	-	-	-
H1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	5.3	8:30	8.77	8.13	27.71	28.7	2.28	9	-	-	-
H1	15/8/2018	Cloudy	Moderate	Mid-Flood	M	3.2	8:30	8.74	8.12	27.96	28.7	2.28	10	-	-	-
H1	15/8/2018	Cloudy	Moderate	Mid-Flood	M	3.2	8:31	8.78	8.13	27.88	28.6	2.28	10	-	-	-
H1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	8:31	8.73	8.15	27.77	28.7	2.28	7	-	-	-
H1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	8:32	8.88	8.15	27.82	28.6	2.27	8	-	-	-
S2	15/8/2018	Cloudy	Moderate	Mid-Flood	B	7.8	8:48	8.52	8.09	27.44	28.7	2.03	10	-	-	-
S2	15/8/2018	Cloudy	Moderate	Mid-Flood	B	7.8	8:48	8.63	8.1	27.42	28.8	2.04	11	-	-	-
S2	15/8/2018	Cloudy	Moderate	Mid-Flood	M	4.4	8:49	8.87	8.1	27.5	28.9	2.02	9	-	-	-
S2	15/8/2018	Cloudy	Moderate	Mid-Flood	M	4.4	8:49	8.79	8.1	27.6	29	2.06	10	-	-	-
S2	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	8:49	8.95	8.13	27.74	29.1	2.08	9	-	-	-
S2	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	8:50	9.24	8.13	27.7	29.2	2.08	9	-	-	-
B2	15/8/2018	Cloudy	Moderate	Mid-Flood	B	3.2	9:04	8.5	8.09	27.46	28.6	2.11	10	-	-	-
B2	15/8/2018	Cloudy	Moderate	Mid-Flood	B	3.2	9:04	8.68	8.09	27.54	28.7	2.08	10	-	-	-
B2	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:05	8.78	8.09	27.54	28.6	2.06	7	-	-	-
B2	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:05	8.69	8.1	27.58	28.7	2.07	8	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
S1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	3.8	9:17	8.46	8.08	27.46	28.7	2.08	11	-	-	-
S1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	3.8	9:17	8.47	8.09	27.47	28.6	2	11	-	-	-
S1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:18	8.41	8.1	27.58	28.6	2.02	7	-	-	-
S1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:18	8.48	8.11	27.71	28.5	2	7	-	-	-
B1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	4.1	9:31	8.51	8.11	27.67	28.6	2.02	9	-	-	-
B1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	4.1	9:32	8.5	8.09	27.6	28.7	2.02	9	-	-	-
B1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:32	8.54	8.1	27.57	28.8	2.01	9	-	-	-
B1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:32	8.65	8.1	27.71	28.8	2.02	10	-	-	-
C1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	9.8	9:42	8.76	8.1	27.74	28.9	2.01	10	-	-	-
C1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	9.8	9:42	8.71	8.1	27.78	29	2.06	10	-	-	-
C1	15/8/2018	Cloudy	Moderate	Mid-Flood	M	5.4	9:42	8.81	8.11	28.04	29.1	2.07	10	-	-	-
C1	15/8/2018	Cloudy	Moderate	Mid-Flood	M	5.4	9:43	8.8	8.1	28.13	29.1	2.06	9	-	-	-
C1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:43	8.85	8.1	28.33	29.2	2.05	10	-	-	-
C1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:44	8.94	8.13	28.53	29.1	2.04	10	-	-	-
M1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	7.6	9:58	8.56	8.09	27.45	28.7	2.04	13	-	-	-
M1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	7.6	9:58	8.54	8.09	27.45	28.6	2.02	12	-	-	-
M1	15/8/2018	Cloudy	Moderate	Mid-Flood	M	4.3	9:59	8.56	8.08	27.46	28.6	2.05	11	-	-	-
M1	15/8/2018	Cloudy	Moderate	Mid-Flood	M	4.3	9:59	8.72	8.1	27.55	28.7	2.07	11	-	-	-
M1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	10:00	8.63	8.11	27.67	28.8	2.08	10	-	-	-
M1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	10:00	8.55	8.13	27.74	28.8	2.06	11	-	-	-
F1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	5.8	10:15	8.55	8.14	27.69	28.9	2.04	8	-	-	-
F1	15/8/2018	Cloudy	Moderate	Mid-Flood	B	5.8	10:16	8.83	8.14	27.62	29	2.02	8	-	-	-
F1	15/8/2018	Cloudy	Moderate	Mid-Flood	M	3.4	10:16	8.95	8.14	27.5	29.1	2.05	8	-	-	-
F1	15/8/2018	Cloudy	Moderate	Mid-Flood	M	3.4	10:16	8.86	8.15	27.36	29	2.06	8	-	-	-
F1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	10:17	9.12	8.15	27.39	29	2.06	8	-	-	-
F1	15/8/2018	Cloudy	Moderate	Mid-Flood	S	1	10:17	9.12	8.17	27.51	29	2.06	8	-	-	-
C1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	9.3	13:26	8.62	8.1	27.43	28.7	2.03	10	-	-	-
C1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	9.3	13:26	8.61	8.1	27.43	28.7	2.02	9	-	-	-
C1	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.2	13:26	8.49	8.11	27.63	28.7	1.97	8	-	-	-
C1	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.2	13:27	8.44	8.12	27.84	28.7	1.97	8	-	-	-
C1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:27	8.65	8.11	27.85	28.6	2.01	8	-	-	-

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Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
C1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:28	8.75	8.11	27.81	28.7	2.05	8	-	-	-
B1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.9	13:44	8.93	8.11	27.9	28.8	2.06	8	-	-	-
B1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.9	13:44	8.88	8.13	28.07	28.9	2.09	9	-	-	-
B1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:44	8.82	8.13	28.04	28.9	2.06	8	-	-	-
B1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:45	8.92	8.12	28.1	28.9	2.06	8	-	-	-
S1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.4	13:56	8.64	8.1	27.42	28.7	1.99	11	-	-	-
S1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.4	13:57	8.81	8.11	27.36	28.7	2.02	11	-	-	-
S1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:57	8.91	8.12	27.43	28.7	1.98	11	-	-	-
S1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:58	8.98	8.12	27.34	28.7	2	11	-	-	-
B2	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.1	14:09	8.95	8.13	27.42	28.7	1.97	7	-	-	-
B2	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.1	14:09	9.09	8.11	27.4	28.8	2	8	-	-	-
B2	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:09	9.21	8.11	27.41	28.8	2	7	-	-	-
B2	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:10	9.18	8.12	27.52	28.9	1.97	7	-	-	-
S2	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	7.6	14:22	9.3	8.12	27.61	29	2.01	12	-	-	-
S2	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	7.6	14:22	9.47	8.11	27.83	28.9	2.02	13	-	-	-
S2	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	4.3	14:23	9.34	8.13	27.9	29	2.05	11	-	-	-
S2	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	4.3	14:23	9.42	8.15	28.01	29.1	2.07	11	-	-	-
S2	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:24	9.51	8.15	28.04	29	2.1	12	-	-	-
S2	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:24	9.58	8.17	27.94	29.1	2.09	11	-	-	-
H1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.2	14:38	9.77	8.18	27.88	29.1	2.11	10	-	-	-
H1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.2	14:38	9.89	8.19	28.07	29.1	2.14	9	-	-	-
H1	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.1	14:39	9.95	8.21	28.07	29.1	2.16	9	-	-	-
H1	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.1	14:39	10.02	8.2	28.15	29.1	2.2	9	-	-	-
H1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:40	10.11	8.21	28.33	29.2	2.23	8	-	-	-
H1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:40	10.15	8.23	28.37	29.4	2.21	9	-	-	-
CR2	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	11	14:55	7.63	8.14	28.2	28.7	1.94	8	-	-	-
CR2	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	11	14:55	7.51	8.15	28.21	28.7	1.94	8	-	-	-
CR2	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	6	14:56	7.63	8.16	28.32	28.8	1.93	8	-	-	-
CR2	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	6	14:56	7.69	8.19	28.4	28.8	1.94	8	-	-	-
CR2	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:57	7.83	8.18	28.24	28.9	1.95	8	-	-	-
CR2	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:57	7.95	8.2	28.24	28.8	1.95	9	-	-	-

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Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
S3	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	10.6	15:10	7.95	8.2	28.24	28.8	1.95	15	-	-	-
S3	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	10.6	15:10	8.2	8.22	28.3	28.9	1.96	15	-	-	-
S3	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.8	15:11	8.4	8.21	28.28	28.9	1.94	15	-	-	-
S3	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.8	15:11	8.47	8.23	28.35	28.9	1.93	14	-	-	-
S3	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:12	8.49	8.23	28.45	28.9	1.91	14	-	-	-
S3	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:12	8.39	8.21	28.29	28.8	1.93	14	-	-	-
CR1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	14.7	15:26	8.38	8.22	28.46	28.9	1.97	10	-	-	-
CR1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	14.7	15:27	8.51	8.23	28.46	28.9	1.97	9	-	-	-
CR1	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	7.9	15:27	8.57	8.23	28.68	28.9	2.01	9	-	-	-
CR1	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	7.9	15:27	8.62	8.24	28.51	28.9	1.98	9	-	-	-
CR1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:28	8.59	8.26	28.41	28.8	1.99	6	-	-	-
CR1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:28	7.27	8.25	28.61	28.8	2	7	-	-	-
B3	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.7	15:44	7.25	8.25	28.7	28.8	2.01	8	-	-	-
B3	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.7	15:45	7.31	8.27	28.79	28.8	2.01	8	-	-	-
B3	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:45	7.47	8.26	28.87	28.8	1.98	9	-	-	-
B3	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:45	7.61	8.25	28.88	28.8	2.01	9	-	-	-
B4	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.4	15:55	7.68	8.26	28.96	28.7	2.04	8	-	-	-
B4	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.4	15:56	7.63	8.25	29.16	28.7	2.03	8	-	-	-
B4	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:56	7.6	8.26	29.37	28.7	2.09	8	-	-	-
B4	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:57	7.53	8.27	29.34	28.8	2.09	7	-	-	-
C2	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.7	16:08	7.75	8.11	27.4	28.7	1.82	12	-	-	-
C2	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.7	16:08	7.71	8.11	27.56	28.4	2.12	12	-	-	-
C2	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.4	16:08	7.59	8.1	27.61	28.2	2.46	10	-	-	-
C2	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.4	16:09	7.4	8.08	27.57	28.2	2.44	10	-	-	-
C2	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:09	7.34	8.1	27.64	28.2	2.49	10	-	-	-
C2	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:10	7.57	8.11	27.89	28.3	2.52	10	-	-	-
F1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.4	16:25	7.58	8.11	27.56	28.3	2.13	13	-	-	-
F1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.4	16:25	7.7	8.1	27.7	28.3	2.14	12	-	-	-
F1	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.2	16:26	7.67	8.08	27.7	28.4	2.11	11	-	-	-
F1	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.2	16:26	7.71	8.08	27.96	28.4	2.12	11	-	-	-
F1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:26	7.84	8.09	28.08	28.6	2.13	11	-	-	-

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Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
F1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:27	7.73	8.1	28.23	28.6	2.13	11	-	-	-
M1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	7.3	16:44	8	8.1	28.41	28.7	2.14	7	-	-	-
M1	15/8/2018	Cloudy	Moderate	Mid-Ebb	B	7.3	16:44	8.26	8.11	28.54	28.7	2.14	8	-	-	-
M1	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	4.2	16:45	8.33	8.14	28.37	28.8	2.12	6	-	-	-
M1	15/8/2018	Cloudy	Moderate	Mid-Ebb	M	4.2	16:45	8.24	8.14	28.44	28.8	2.13	6	-	-	-
M1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:46	8.38	8.14	28.47	28.8	2.13	6	-	-	-
M1	15/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:46	8.38	8.15	28.34	28.9	2.14	6	-	-	-
C2	17/8/2018	Rainy	Calm	Mid-Flood	B	6.2	8:44	7.62	8.22	27.12	28.5	1.32	5	-	-	-
C2	17/8/2018	Rainy	Calm	Mid-Flood	B	6.2	8:44	7.68	8.24	27.15	28.6	1.28	5	-	-	-
C2	17/8/2018	Rainy	Calm	Mid-Flood	M	3.6	8:44	7.69	8.24	27.15	28.6	1.51	5	-	-	-
C2	17/8/2018	Rainy	Calm	Mid-Flood	M	3.6	8:45	7.89	8.26	27.19	28.6	1.56	4	-	-	-
C2	17/8/2018	Rainy	Calm	Mid-Flood	S	1	8:45	7.98	8.28	27.4	28.5	1.53	4	-	-	-
C2	17/8/2018	Rainy	Calm	Mid-Flood	S	1	8:46	7.92	8.28	27.3	28.6	1.57	5	-	-	-
B4	17/8/2018	Rainy	Calm	Mid-Flood	B	3.8	9:00	7.69	8.25	27.16	28.6	1.47	6	-	-	-
B4	17/8/2018	Rainy	Calm	Mid-Flood	B	3.8	9:00	7.69	8.25	27.15	28.6	1.26	6	-	-	-
B4	17/8/2018	Rainy	Calm	Mid-Flood	S	1	9:00	7.67	8.27	27.16	28.6	1.29	5	-	-	-
B4	17/8/2018	Rainy	Calm	Mid-Flood	S	1	9:01	7.68	8.28	27.14	28.7	1.26	6	-	-	-
B3	17/8/2018	Rainy	Calm	Mid-Flood	B	4.2	9:11	7.69	8.25	27.14	28.5	1.24	9	-	-	-
B3	17/8/2018	Rainy	Calm	Mid-Flood	B	4.2	9:11	7.69	8.26	27.18	28.6	1.31	8	-	-	-
B3	17/8/2018	Rainy	Calm	Mid-Flood	S	1	9:12	7.83	8.27	27.36	28.7	1.31	8	-	-	-
B3	17/8/2018	Rainy	Calm	Mid-Flood	S	1	9:12	7.89	8.28	27.38	28.6	1.29	8	-	-	-
CR1	17/8/2018	Rainy	Calm	Mid-Flood	B	15.2	9:26	7.83	8.28	27.32	28.6	1.28	6	-	-	-
CR1	17/8/2018	Rainy	Calm	Mid-Flood	B	15.2	9:26	7.95	8.27	27.39	28.5	1.31	6	-	-	-
CR1	17/8/2018	Rainy	Calm	Mid-Flood	M	8.1	9:27	8.12	8.27	27.63	28.6	1.27	4	-	-	-
CR1	17/8/2018	Rainy	Calm	Mid-Flood	M	8.1	9:27	8.33	8.28	27.65	28.7	1.29	5	-	-	-
CR1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	9:28	8.44	8.29	27.5	28.6	1.25	5	-	-	-
CR1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	9:28	8.36	8.29	27.43	28.7	1.25	5	-	-	-
S3	17/8/2018	Rainy	Calm	Mid-Flood	B	11	9:41	7.66	8.27	27.18	28.6	1.2	7	-	-	-
S3	17/8/2018	Rainy	Calm	Mid-Flood	B	11	9:41	7.64	8.27	27.22	28.6	1.43	6	-	-	-
S3	17/8/2018	Rainy	Calm	Mid-Flood	M	6	9:42	7.59	8.27	27.27	28.6	1.42	6	-	-	-
S3	17/8/2018	Rainy	Calm	Mid-Flood	M	6	9:42	7.68	8.28	27.29	28.6	1.41	6	-	-	-

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Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
S3	17/8/2018	Rainy	Calm	Mid-Flood	S	1	9:42	7.76	8.29	27.35	28.8	1.41	6	-	-	-
S3	17/8/2018	Rainy	Calm	Mid-Flood	S	1	9:43	7.95	8.28	27.3	28.9	1.43	4	-	-	-
CR2	17/8/2018	Rainy	Calm	Mid-Flood	B	11.4	9:56	7.57	8.27	27.23	28.6	1.46	7	-	-	-
CR2	17/8/2018	Rainy	Calm	Mid-Flood	B	11.4	9:56	7.63	8.28	27.21	28.6	1.45	8	-	-	-
CR2	17/8/2018	Rainy	Calm	Mid-Flood	M	6.2	9:57	7.58	8.28	27.25	28.7	1.41	7	-	-	-
CR2	17/8/2018	Rainy	Calm	Mid-Flood	M	6.2	9:57	7.57	8.3	27.07	28.8	1.38	6	-	-	-
CR2	17/8/2018	Rainy	Calm	Mid-Flood	S	1	9:58	7.68	8.31	27.09	28.8	1.34	5	-	-	-
CR2	17/8/2018	Rainy	Calm	Mid-Flood	S	1	9:58	7.81	8.32	27.11	28.8	1.34	6	-	-	-
H1	17/8/2018	Rainy	Calm	Mid-Flood	B	5.2	10:13	7.98	8.31	27.24	28.6	1.53	7	-	-	-
H1	17/8/2018	Rainy	Calm	Mid-Flood	B	5.2	10:13	7.9	8.31	27.26	28.6	1.53	7	-	-	-
H1	17/8/2018	Rainy	Calm	Mid-Flood	M	3.1	10:14	7.96	8.32	27.44	28.5	1.53	5	-	-	-
H1	17/8/2018	Rainy	Calm	Mid-Flood	M	3.1	10:14	8.14	8.32	27.63	28.5	1.53	5	-	-	-
H1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	10:15	8.28	8.32	27.81	28.5	1.54	6	-	-	-
H1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	10:15	8.09	8.31	27.97	28.5	1.52	6	-	-	-
S2	17/8/2018	Rainy	Calm	Mid-Flood	B	8	10:29	7.63	8.28	27.21	28.6	1.27	6	-	-	-
S2	17/8/2018	Rainy	Calm	Mid-Flood	B	8	10:30	7.57	8.27	27.4	28.6	1.23	5	-	-	-
S2	17/8/2018	Rainy	Calm	Mid-Flood	M	4.5	10:30	7.59	8.27	27.44	28.7	1.22	4	-	-	-
S2	17/8/2018	Rainy	Calm	Mid-Flood	M	4.5	10:31	7.71	8.28	27.52	28.8	1.25	5	-	-	-
S2	17/8/2018	Rainy	Calm	Mid-Flood	S	1	10:31	7.69	8.28	27.45	28.8	1.26	5	-	-	-
S2	17/8/2018	Rainy	Calm	Mid-Flood	S	1	10:32	7.62	8.29	27.57	28.9	1.3	4	-	-	-
B2	17/8/2018	Rainy	Calm	Mid-Flood	B	3.2	10:45	7.67	8.29	27.2	28.6	1.54	6	-	-	-
B2	17/8/2018	Rainy	Calm	Mid-Flood	B	3.2	10:46	7.58	8.29	27.1	28.6	1.57	6	-	-	-
B2	17/8/2018	Rainy	Calm	Mid-Flood	S	1	10:46	7.59	8.29	27.11	28.6	1.56	7	-	-	-
B2	17/8/2018	Rainy	Calm	Mid-Flood	S	1	10:47	7.4	8.29	27.05	28.7	1.59	7	-	-	-
S1	17/8/2018	Rainy	Calm	Mid-Flood	B	4.2	10:58	7.69	8.3	27.19	28.6	1.43	5	-	-	-
S1	17/8/2018	Rainy	Calm	Mid-Flood	B	4.2	10:58	7.55	8.31	27.31	28.6	1.45	6	-	-	-
S1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	10:58	7.69	8.3	27.27	28.5	1.48	5	-	-	-
S1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	10:59	7.75	8.32	27.14	28.6	1.47	5	-	-	-
B1	17/8/2018	Rainy	Calm	Mid-Flood	B	4.4	11:09	7.99	8.32	27.35	28.4	1.46	6	-	-	-
B1	17/8/2018	Rainy	Calm	Mid-Flood	B	4.4	11:09	8.05	8.32	27.53	28.5	1.45	6	-	-	-
B1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	11:10	8.31	8.33	27.62	28.6	1.43	7	-	-	-

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Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
B1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	11:10	8.31	8.35	27.75	28.6	1.46	6	-	-	-
C1	17/8/2018	Rainy	Calm	Mid-Flood	B	9.8	11:23	7.69	8.3	27.19	28.6	1.63	5	-	-	-
C1	17/8/2018	Rainy	Calm	Mid-Flood	B	9.8	11:24	7.68	8.3	27.2	28.6	1.33	6	-	-	-
C1	17/8/2018	Rainy	Calm	Mid-Flood	M	5.4	11:24	7.88	8.29	27.43	28.6	1.32	5	-	-	-
C1	17/8/2018	Rainy	Calm	Mid-Flood	M	5.4	11:24	8.05	8.3	27.3	28.6	1.31	4	-	-	-
C1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	11:25	7.99	8.31	27.24	28.6	1.32	4	-	-	-
C1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	11:25	8.1	8.33	27.3	28.6	1.28	5	-	-	-
M1	17/8/2018	Rainy	Calm	Mid-Flood	B	7.8	11:43	7.68	8.3	27.19	28.6	1.31	8	-	-	-
M1	17/8/2018	Rainy	Calm	Mid-Flood	B	7.8	11:43	7.7	8.31	27.19	28.6	1.26	8	-	-	-
M1	17/8/2018	Rainy	Calm	Mid-Flood	M	4.4	11:43	7.72	8.31	27.15	28.6	1.55	6	-	-	-
M1	17/8/2018	Rainy	Calm	Mid-Flood	M	4.4	11:43	7.89	8.32	27.12	28.6	1.54	5	-	-	-
M1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	11:44	7.97	8.32	27.14	28.7	1.56	6	-	-	-
M1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	11:44	8.12	8.34	27.27	28.7	1.53	5	-	-	-
F1	17/8/2018	Rainy	Calm	Mid-Flood	B	5.6	12:01	7.73	8.31	27.18	28.6	1.48	6	-	-	-
F1	17/8/2018	Rainy	Calm	Mid-Flood	B	5.6	12:01	7.73	8.31	27.18	28.6	1.23	6	-	-	-
F1	17/8/2018	Rainy	Calm	Mid-Flood	M	3.3	12:01	7.84	8.32	26.99	28.5	1.24	6	-	-	-
F1	17/8/2018	Rainy	Calm	Mid-Flood	M	3.3	12:02	8.05	8.31	27.08	28.5	1.25	6	-	-	-
F1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	12:02	8.08	8.33	27.1	28.6	1.29	6	-	-	-
F1	17/8/2018	Rainy	Calm	Mid-Flood	S	1	12:03	8.09	8.33	27.07	28.6	1.3	6	-	-	-
C1	17/8/2018	Rainy	Calm	Mid-Ebb	B	9.6	15:00	7.74	8.31	27.18	28.6	1.96	7	-	-	-
C1	17/8/2018	Rainy	Calm	Mid-Ebb	B	9.6	15:00	7.86	8.31	27.17	28.5	1.96	7	-	-	-
C1	17/8/2018	Rainy	Calm	Mid-Ebb	M	5.3	15:01	7.9	8.33	27.18	28.7	1.94	6	-	-	-
C1	17/8/2018	Rainy	Calm	Mid-Ebb	M	5.3	15:01	7.93	8.34	27.24	28.7	1.98	7	-	-	-
C1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	15:02	7.82	8.35	27.21	28.8	2.03	5	-	-	-
C1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	15:02	7.97	8.34	27.25	28.8	2.03	5	-	-	-
B1	17/8/2018	Rainy	Calm	Mid-Ebb	B	4.2	15:16	7.79	8.32	27.16	28.6	1.71	8	-	-	-
B1	17/8/2018	Rainy	Calm	Mid-Ebb	B	4.2	15:17	7.77	8.33	27.18	28.6	1.73	8	-	-	-
B1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	15:17	7.69	8.34	27.12	28.8	1.77	6	-	-	-
B1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	15:18	7.86	8.34	27.06	28.8	1.78	6	-	-	-
S1	17/8/2018	Rainy	Calm	Mid-Ebb	B	4	15:28	7.79	8.32	27.16	28.6	1.71	7	-	-	-
S1	17/8/2018	Rainy	Calm	Mid-Ebb	B	4	15:29	7.8	8.32	27.16	28.6	1.33	7	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
S1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	15:29	7.92	8.33	26.98	28.5	1.33	7	-	-	-
S1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	15:30	7.98	8.35	27.22	28.6	1.35	6	-	-	-
B2	17/8/2018	Rainy	Calm	Mid-Ebb	B	3.1	15:40	7.8	8.32	27.15	28.6	1.23	9	-	-	-
B2	17/8/2018	Rainy	Calm	Mid-Ebb	B	3.1	15:40	7.83	8.33	27.03	28.6	1.24	8	-	-	-
B2	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	15:41	7.78	8.32	26.98	28.6	1.27	7	-	-	-
B2	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	15:41	7.65	8.32	27.17	28.6	1.27	8	-	-	-
S2	17/8/2018	Rainy	Calm	Mid-Ebb	B	7.6	15:54	7.81	8.32	27.15	28.6	1.31	6	-	-	-
S2	17/8/2018	Rainy	Calm	Mid-Ebb	B	7.6	15:54	7.82	8.32	27.15	28.6	1.24	7	-	-	-
S2	17/8/2018	Rainy	Calm	Mid-Ebb	M	4.3	15:55	7.94	8.33	27.18	28.7	1.21	7	-	-	-
S2	17/8/2018	Rainy	Calm	Mid-Ebb	M	4.3	15:55	7.82	8.34	27.32	28.6	1.19	7	-	-	-
S2	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	15:56	7.77	8.36	27.28	28.6	1.23	7	-	-	-
S2	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	15:56	7.87	8.36	27.28	28.6	1.24	7	-	-	-
H1	17/8/2018	Rainy	Calm	Mid-Ebb	B	5.1	16:09	7.83	8.33	27.14	28.5	1.36	9	-	-	-
H1	17/8/2018	Rainy	Calm	Mid-Ebb	B	5.1	16:09	7.84	8.32	27.14	28.5	1.13	8	-	-	-
H1	17/8/2018	Rainy	Calm	Mid-Ebb	M	3.1	16:10	7.84	8.33	27.14	28.5	1.08	9	-	-	-
H1	17/8/2018	Rainy	Calm	Mid-Ebb	M	3.1	16:10	8.07	8.32	27.16	28.6	1.11	8	-	-	-
H1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	16:10	8.16	8.34	27.19	28.6	1.09	9	-	-	-
H1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	16:11	8.28	8.34	27.28	28.6	1.09	9	-	-	-
CR2	17/8/2018	Rainy	Calm	Mid-Ebb	B	11.2	16:25	7.85	8.33	27.13	28.5	1.33	8	-	-	-
CR2	17/8/2018	Rainy	Calm	Mid-Ebb	B	11.2	16:25	7.84	8.33	27.12	28.5	1.45	9	-	-	-
CR2	17/8/2018	Rainy	Calm	Mid-Ebb	M	6.1	16:26	7.81	8.34	27.18	28.5	1.46	8	-	-	-
CR2	17/8/2018	Rainy	Calm	Mid-Ebb	M	6.1	16:26	8.03	8.33	27.2	28.6	1.48	8	-	-	-
CR2	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	16:27	8.01	8.32	27.27	28.6	1.49	8	-	-	-
CR2	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	16:27	8.15	8.32	27.22	28.6	1.5	8	-	-	-
S3	17/8/2018	Rainy	Calm	Mid-Ebb	B	10.9	16:40	7.85	8.33	27.12	28.5	1.59	8	-	-	-
S3	17/8/2018	Rainy	Calm	Mid-Ebb	B	10.9	16:40	7.84	8.33	27.12	28.5	1.44	8	-	-	-
S3	17/8/2018	Rainy	Calm	Mid-Ebb	M	6	16:41	7.86	8.32	27.11	28.5	1.42	7	-	-	-
S3	17/8/2018	Rainy	Calm	Mid-Ebb	M	6	16:41	7.85	8.33	27.32	28.6	1.45	7	-	-	-
S3	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	16:41	7.95	8.34	27.29	28.6	1.44	7	-	-	-
S3	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	16:42	7.99	8.35	27.36	28.6	1.43	6	-	-	-
CR1	17/8/2018	Rainy	Calm	Mid-Ebb	B	15	16:56	7.79	8.33	27.04	28.4	1.32	11	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
CR1	17/8/2018	Rainy	Calm	Mid-Ebb	B	15	16:56	7.79	8.32	27.04	28.4	1.15	10	-	-	-
CR1	17/8/2018	Rainy	Calm	Mid-Ebb	M	8	16:57	8.01	8.31	27.01	28.5	1.14	8	-	-	-
CR1	17/8/2018	Rainy	Calm	Mid-Ebb	M	8	16:57	8.01	8.31	27.11	28.6	1.13	8	-	-	-
CR1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	16:57	7.87	8.31	27.32	28.6	1.13	8	-	-	-
CR1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	16:58	7.85	8.31	27.4	28.7	1.15	8	-	-	-
B3	17/8/2018	Rainy	Calm	Mid-Ebb	B	4.1	17:12	7.79	8.33	27.03	28.4	1.16	15	-	-	-
B3	17/8/2018	Rainy	Calm	Mid-Ebb	B	4.1	17:12	7.78	8.33	27.04	28.4	1.33	14	-	-	-
B3	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	17:13	7.67	8.34	27.08	28.5	1.35	12	-	-	-
B3	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	17:13	7.57	8.34	27.02	28.5	1.38	12	-	-	-
B4	17/8/2018	Rainy	Calm	Mid-Ebb	B	3.7	17:23	7.74	8.32	27.03	28.4	1.26	14	-	-	-
B4	17/8/2018	Rainy	Calm	Mid-Ebb	B	3.7	17:23	7.74	8.32	27.01	28.4	1.21	14	-	-	-
B4	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	17:23	7.65	8.33	27.19	28.5	1.2	13	-	-	-
B4	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	17:24	7.7	8.34	27.25	28.5	1.19	13	-	-	-
C2	17/8/2018	Rainy	Calm	Mid-Ebb	B	6	17:37	7.71	8.32	27.01	28.4	1.06	14	-	-	-
C2	17/8/2018	Rainy	Calm	Mid-Ebb	B	6	17:37	7.67	8.32	27.03	28.4	1.05	15	-	-	-
C2	17/8/2018	Rainy	Calm	Mid-Ebb	M	3.5	17:38	7.86	8.32	27.03	28.4	1.09	8	-	-	-
C2	17/8/2018	Rainy	Calm	Mid-Ebb	M	3.5	17:38	7.81	8.32	27.14	28.4	1.12	8	-	-	-
C2	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	17:39	7.97	8.31	27.28	28.5	1.12	6	-	-	-
C2	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	17:39	8.1	8.33	27.37	28.6	1.16	6	-	-	-
F1	17/8/2018	Rainy	Calm	Mid-Ebb	B	5.4	17:56	7.76	8.33	27.04	28.4	1.3	7	-	-	-
F1	17/8/2018	Rainy	Calm	Mid-Ebb	B	5.4	17:56	7.75	8.32	27	28.4	1.26	8	-	-	-
F1	17/8/2018	Rainy	Calm	Mid-Ebb	M	3.2	17:56	7.72	8.32	27.01	28.4	1.15	6	-	-	-
F1	17/8/2018	Rainy	Calm	Mid-Ebb	M	3.2	17:57	7.9	8.32	27.11	28.5	1.14	7	-	-	-
F1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	17:57	8.01	8.32	26.95	28.6	1.13	6	-	-	-
F1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	17:58	7.99	8.31	27.08	28.7	1.16	5	-	-	-
M1	17/8/2018	Rainy	Calm	Mid-Ebb	B	7.6	18:15	7.7	8.33	27	28.4	1.2	9	-	-	-
M1	17/8/2018	Rainy	Calm	Mid-Ebb	B	7.6	18:15	7.69	8.32	26.97	28.4	1.11	9	-	-	-
M1	17/8/2018	Rainy	Calm	Mid-Ebb	M	4.3	18:16	7.62	8.32	27.02	28.4	1.12	8	-	-	-
M1	17/8/2018	Rainy	Calm	Mid-Ebb	M	4.3	18:16	7.76	8.33	27.06	28.5	1.13	9	-	-	-
M1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	18:16	7.83	8.33	27.25	28.4	1.13	8	-	-	-
M1	17/8/2018	Rainy	Calm	Mid-Ebb	S	1	18:17	7.93	8.35	27.15	28.4	1.12	8	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
C2	19/8/2018	Cloudy	Calm	Mid-Flood	B	6.6	22:51	7.73	8.33	27.02	28.4	1.16	5	-	-	-
C2	19/8/2018	Cloudy	Calm	Mid-Flood	B	6.6	22:51	7.72	8.33	26.99	28.4	1.17	5	-	-	-
C2	19/8/2018	Cloudy	Calm	Mid-Flood	M	3.8	22:52	7.95	8.34	26.95	28.4	1.2	6	-	-	-
C2	19/8/2018	Cloudy	Calm	Mid-Flood	M	3.8	22:52	8.03	8.36	26.84	28.5	1.19	5	-	-	-
C2	19/8/2018	Cloudy	Calm	Mid-Flood	S	1	22:53	8.2	8.37	26.84	28.5	1.19	4	-	-	-
C2	19/8/2018	Cloudy	Calm	Mid-Flood	S	1	22:53	8.07	8.39	26.74	28.5	1.17	5	-	-	-
B4	19/8/2018	Cloudy	Calm	Mid-Flood	B	4	23:07	7.69	8.33	27	28.4	1.16	6	-	-	-
B4	19/8/2018	Cloudy	Calm	Mid-Flood	B	4	23:07	7.66	8.32	26.87	28.4	1.17	6	-	-	-
B4	19/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:08	7.72	8.32	26.95	28.3	1.19	6	-	-	-
B4	19/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:08	7.59	8.33	26.9	28.3	1.2	5	-	-	-
B3	19/8/2018	Cloudy	Calm	Mid-Flood	B	4.4	23:18	7.89	8.33	27.34	28.4	1.22	7	-	-	-
B3	19/8/2018	Cloudy	Calm	Mid-Flood	B	4.4	23:19	7.8	8.34	27.48	28.4	1.23	6	-	-	-
B3	19/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:19	7.69	8.33	27.6	28.4	1.21	5	-	-	-
B3	19/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:19	7.9	8.33	27.45	28.3	1.21	5	-	-	-
CR1	19/8/2018	Cloudy	Calm	Mid-Flood	B	15.6	23:33	7.7	8.33	27.01	28.4	1.24	6	-	-	-
CR1	19/8/2018	Cloudy	Calm	Mid-Flood	B	15.6	23:34	7.68	8.33	27.01	28.4	1.24	7	-	-	-
CR1	19/8/2018	Cloudy	Calm	Mid-Flood	M	8.3	23:34	7.67	8.33	27.01	28.4	1.22	7	-	-	-
CR1	19/8/2018	Cloudy	Calm	Mid-Flood	M	8.3	23:34	7.58	8.33	27.13	28.4	1.19	6	-	-	-
CR1	19/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:35	7.43	8.33	27.17	28.4	1.19	6	-	-	-
CR1	19/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:35	7.52	8.33	27.06	28.5	1.2	6	-	-	-
S3	19/8/2018	Cloudy	Calm	Mid-Flood	B	11.4	23:48	7.67	8.33	27.01	28.4	1.21	6	-	-	-
S3	19/8/2018	Cloudy	Calm	Mid-Flood	B	11.4	23:48	7.67	8.33	27.01	28.4	1.25	6	-	-	-
S3	19/8/2018	Cloudy	Calm	Mid-Flood	M	6.2	23:49	7.85	8.35	27	28.3	1.28	7	-	-	-
S3	19/8/2018	Cloudy	Calm	Mid-Flood	M	6.2	23:49	7.87	8.35	26.97	28.3	1.32	7	-	-	-
S3	19/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:49	7.76	8.35	26.96	28.3	1.33	6	-	-	-
S3	19/8/2018	Cloudy	Calm	Mid-Flood	S	1	23:50	7.63	8.34	26.96	28.4	1.35	6	-	-	-
CR2	20/8/2018	Cloudy	Calm	Mid-Flood	B	11.8	0:05	7.68	8.33	27.01	28.4	1.35	8	-	-	-
CR2	20/8/2018	Cloudy	Calm	Mid-Flood	B	11.8	0:05	7.68	8.33	27.02	28.4	1.39	8	-	-	-
CR2	20/8/2018	Cloudy	Calm	Mid-Flood	M	7.4	0:05	7.68	8.33	27	28.4	1.38	8	-	-	-
CR2	20/8/2018	Cloudy	Calm	Mid-Flood	M	7.4	0:06	7.67	8.32	27.08	28.4	1.38	7	-	-	-
CR2	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	0:06	7.83	8.34	27.16	28.5	1.38	7	-	-	-

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Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
CR2	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	0:07	8.08	8.34	27.17	28.6	1.39	7	-	-	-
H1	20/8/2018	Cloudy	Calm	Mid-Flood	B	5.6	0:21	7.68	8.33	27.03	28.4	1.37	7	-	-	-
H1	20/8/2018	Cloudy	Calm	Mid-Flood	B	5.6	0:21	7.69	8.33	27.04	28.4	1.35	6	-	-	-
H1	20/8/2018	Cloudy	Calm	Mid-Flood	M	3.3	0:22	7.69	8.33	27.04	28.4	1.36	7	-	-	-
H1	20/8/2018	Cloudy	Calm	Mid-Flood	M	3.3	0:22	7.63	8.35	27.07	28.5	1.36	6	-	-	-
H1	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	0:23	7.78	8.36	27.16	28.5	1.36	6	-	-	-
H1	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	0:23	7.85	8.36	27.36	28.6	1.4	7	-	-	-
S2	20/8/2018	Cloudy	Calm	Mid-Flood	B	8.4	0:39	7.67	8.33	26.99	28.4	1.45	7	-	-	-
S2	20/8/2018	Cloudy	Calm	Mid-Flood	B	8.4	0:39	7.75	8.33	27.12	28.4	1.43	7	-	-	-
S2	20/8/2018	Cloudy	Calm	Mid-Flood	M	4.7	0:40	8.01	8.35	27.32	28.4	1.46	6	-	-	-
S2	20/8/2018	Cloudy	Calm	Mid-Flood	M	4.7	0:40	8.1	8.34	27.44	28.4	1.44	6	-	-	-
S2	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	0:41	8.11	8.33	27.67	28.3	1.45	6	-	-	-
S2	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	0:41	8.04	8.35	27.54	28.4	1.4	5	-	-	-
B2	20/8/2018	Cloudy	Calm	Mid-Flood	B	3.6	0:55	7.67	8.33	26.99	28.4	1.42	6	-	-	-
B2	20/8/2018	Cloudy	Calm	Mid-Flood	B	3.6	0:55	7.61	8.35	26.94	28.4	1.44	6	-	-	-
B2	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	0:56	7.66	8.36	27.11	28.5	1.47	6	-	-	-
B2	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	0:56	7.59	8.36	27.04	28.5	1.49	6	-	-	-
S1	20/8/2018	Cloudy	Calm	Mid-Flood	B	4.4	1:07	7.67	8.33	27	28.4	1.47	5	-	-	-
S1	20/8/2018	Cloudy	Calm	Mid-Flood	B	4.4	1:08	7.67	8.33	27.01	28.4	1.46	6	-	-	-
S1	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:08	7.57	8.35	27.16	28.4	1.49	5	-	-	-
S1	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:08	7.78	8.34	27.12	28.4	1.49	5	-	-	-
B1	20/8/2018	Cloudy	Calm	Mid-Flood	B	4.8	1:19	7.69	8.33	27.02	28.4	1.46	9	-	-	-
B1	20/8/2018	Cloudy	Calm	Mid-Flood	B	4.8	1:19	7.69	8.33	27.01	28.4	1.46	8	-	-	-
B1	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:20	7.87	8.33	27.19	28.4	1.44	6	-	-	-
B1	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:20	8.04	8.34	27.21	28.5	1.46	6	-	-	-
C1	20/8/2018	Cloudy	Calm	Mid-Flood	B	10.2	1:33	7.68	8.33	27.02	28.4	1.48	6	-	-	-
C1	20/8/2018	Cloudy	Calm	Mid-Flood	B	10.2	1:33	7.68	8.33	26.98	28.4	1.45	6	-	-	-
C1	20/8/2018	Cloudy	Calm	Mid-Flood	M	5.6	1:34	7.68	8.33	26.98	28.4	1.43	5	-	-	-
C1	20/8/2018	Cloudy	Calm	Mid-Flood	M	5.6	1:34	7.66	8.35	27.2	28.5	1.4	5	-	-	-
C1	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:34	7.82	8.38	27.29	28.4	1.39	4	-	-	-
C1	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:35	7.81	8.36	27.23	28.5	1.42	5	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
M1	20/8/2018	Cloudy	Calm	Mid-Flood	B	8.2	1:53	7.69	8.33	27	28.4	1.47	6	-	-	-
M1	20/8/2018	Cloudy	Calm	Mid-Flood	B	8.2	1:53	7.73	8.34	27.04	28.4	1.48	7	-	-	-
M1	20/8/2018	Cloudy	Calm	Mid-Flood	M	4.6	1:54	7.88	8.35	27.02	28.4	1.5	7	-	-	-
M1	20/8/2018	Cloudy	Calm	Mid-Flood	M	4.6	1:54	8.1	8.36	27.16	28.5	1.51	8	-	-	-
M1	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:54	8.09	8.36	27.15	28.5	1.54	6	-	-	-
M1	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:55	8.31	8.35	27.12	28.5	1.57	6	-	-	-
F1	20/8/2018	Cloudy	Calm	Mid-Flood	B	5.9	2:11	7.71	8.34	27.06	28.4	1.59	9	-	-	-
F1	20/8/2018	Cloudy	Calm	Mid-Flood	B	5.9	2:12	7.71	8.33	27.05	28.4	1.57	8	-	-	-
F1	20/8/2018	Cloudy	Calm	Mid-Flood	M	3.5	2:12	7.68	8.33	27.03	28.5	1.61	8	-	-	-
F1	20/8/2018	Cloudy	Calm	Mid-Flood	M	3.5	2:12	7.81	8.35	27.21	28.6	1.6	8	-	-	-
F1	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	2:13	7.79	8.37	27.27	28.6	1.66	8	-	-	-
F1	20/8/2018	Cloudy	Calm	Mid-Flood	S	1	2:13	7.92	8.37	27.12	28.7	1.67	7	-	-	-
C1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	10	6:37	7.7	8.33	27.06	28.4	1.69	7	-	-	-
C1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	10	6:37	7.7	8.33	27.07	28.4	1.71	7	-	-	-
C1	20/8/2018	Cloudy	Calm	Mid-Ebb	M	5.5	6:38	7.71	8.34	27.09	28.4	1.7	7	-	-	-
C1	20/8/2018	Cloudy	Calm	Mid-Ebb	M	5.5	6:38	7.85	8.35	27.26	28.6	1.73	6	-	-	-
C1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	6:39	7.95	8.36	27.22	28.5	1.74	6	-	-	-
C1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	6:39	7.99	8.36	27.2	28.6	1.73	6	-	-	-
B1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	4.6	6:53	8.15	8.36	27.15	28.5	1.73	7	-	-	-
B1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	4.6	6:53	8.21	8.36	27.09	28.5	1.73	6	-	-	-
B1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	6:54	8.18	8.36	27.12	28.6	1.72	7	-	-	-
B1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	6:54	8.02	8.37	27.05	28.6	1.72	6	-	-	-
S1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	4.2	7:05	8.12	8.36	26.99	28.7	1.75	6	-	-	-
S1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	4.2	7:06	8.02	8.39	27.02	28.6	1.74	6	-	-	-
S1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	7:06	8.05	8.38	26.99	28.7	1.77	5	-	-	-
S1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	7:07	8.13	8.4	26.98	28.8	1.79	6	-	-	-
B2	20/8/2018	Cloudy	Calm	Mid-Ebb	B	3.4	7:17	7.67	8.33	27.04	28.4	1.78	6	-	-	-
B2	20/8/2018	Cloudy	Calm	Mid-Ebb	B	3.4	7:18	7.71	8.34	27.18	28.5	1.78	6	-	-	-
B2	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	7:18	7.86	8.33	27.37	28.6	1.79	5	-	-	-
B2	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	7:19	7.81	8.33	27.31	28.7	1.78	6	-	-	-
S2	20/8/2018	Cloudy	Calm	Mid-Ebb	B	8.2	7:30	7.75	8.36	27.43	28.6	1.77	6	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
S2	20/8/2018	Cloudy	Calm	Mid-Ebb	B	8.2	7:30	7.63	8.38	27.49	28.7	1.77	6	-	-	-
S2	20/8/2018	Cloudy	Calm	Mid-Ebb	M	4.6	7:31	7.77	8.38	27.62	28.7	1.76	5	-	-	-
S2	20/8/2018	Cloudy	Calm	Mid-Ebb	M	4.6	7:31	7.78	8.39	27.53	28.8	1.75	5	-	-	-
S2	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	7:31	7.92	8.4	27.55	28.8	1.77	4	-	-	-
S2	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	7:32	8.02	8.41	27.74	28.9	1.74	5	-	-	-
H1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	5.4	7:46	7.69	8.33	27.05	28.4	1.72	6	-	-	-
H1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	5.4	7:46	7.65	8.33	27.01	28.4	1.69	7	-	-	-
H1	20/8/2018	Cloudy	Calm	Mid-Ebb	M	3.2	7:47	7.65	8.34	27.12	28.4	1.65	5	-	-	-
H1	20/8/2018	Cloudy	Calm	Mid-Ebb	M	3.2	7:47	7.88	8.33	27.15	28.6	1.65	4	-	-	-
H1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	7:48	8.05	8.34	27.05	28.6	1.67	5	-	-	-
H1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	7:48	7.99	8.34	27.04	28.6	1.68	5	-	-	-
CR2	20/8/2018	Cloudy	Calm	Mid-Ebb	B	11.5	8:03	7.66	8.33	27.02	28.4	1.7	8	-	-	-
CR2	20/8/2018	Cloudy	Calm	Mid-Ebb	B	11.5	8:03	7.66	8.33	27.01	28.4	1.7	9	-	-	-
CR2	20/8/2018	Cloudy	Calm	Mid-Ebb	M	6.3	8:03	7.67	8.34	26.87	28.4	1.7	6	-	-	-
CR2	20/8/2018	Cloudy	Calm	Mid-Ebb	M	6.3	8:04	7.85	8.36	26.99	28.4	1.75	6	-	-	-
CR2	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:04	7.9	8.38	27	28.5	1.78	6	-	-	-
CR2	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:04	8.08	8.4	26.87	28.6	1.79	7	-	-	-
S3	20/8/2018	Cloudy	Calm	Mid-Ebb	B	11.2	8:17	7.7	8.34	27.01	28.4	1.79	7	-	-	-
S3	20/8/2018	Cloudy	Calm	Mid-Ebb	B	11.2	8:17	7.89	8.34	26.98	28.6	1.75	7	-	-	-
S3	20/8/2018	Cloudy	Calm	Mid-Ebb	M	6.1	8:18	7.84	8.33	26.9	28.7	1.8	7	-	-	-
S3	20/8/2018	Cloudy	Calm	Mid-Ebb	M	6.1	8:18	7.93	8.34	27.02	28.8	1.76	7	-	-	-
S3	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:19	7.87	8.34	27	28.8	1.8	6	-	-	-
S3	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:19	7.75	8.35	27.1	28.8	1.79	7	-	-	-
CR1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	15.5	8:34	7.7	8.34	27.05	28.4	1.8	7	-	-	-
CR1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	15.5	8:34	7.75	8.34	26.84	28.4	1.83	7	-	-	-
CR1	20/8/2018	Cloudy	Calm	Mid-Ebb	M	8.3	8:35	7.64	8.35	27.07	28.4	1.8	6	-	-	-
CR1	20/8/2018	Cloudy	Calm	Mid-Ebb	M	8.3	8:35	7.69	8.35	27	28.5	1.81	7	-	-	-
CR1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:36	7.78	8.37	27.16	28.6	1.8	6	-	-	-
CR1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:36	7.71	8.37	27.14	28.7	1.79	6	-	-	-
B3	20/8/2018	Cloudy	Calm	Mid-Ebb	B	4.2	8:51	7.95	8.34	26.72	28.4	1.78	9	-	-	-
B3	20/8/2018	Cloudy	Calm	Mid-Ebb	B	4.2	8:51	7.91	8.35	26.67	28.5	1.76	8	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
B3	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:52	8.09	8.35	26.7	28.5	1.73	6	-	-	-
B3	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:52	8.3	8.37	26.93	28.4	1.74	7	-	-	-
B4	20/8/2018	Cloudy	Calm	Mid-Ebb	B	3.9	9:01	7.74	8.34	26.8	28.3	1.73	6	-	-	-
B4	20/8/2018	Cloudy	Calm	Mid-Ebb	B	3.9	9:02	7.74	8.34	26.8	28.3	1.73	6	-	-	-
B4	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:02	7.91	8.34	26.97	28.4	1.73	5	-	-	-
B4	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:02	8.11	8.35	26.95	28.4	1.71	6	-	-	-
C2	20/8/2018	Cloudy	Calm	Mid-Ebb	B	6.4	9:14	7.76	8.34	26.81	28.4	1.71	8	-	-	-
C2	20/8/2018	Cloudy	Calm	Mid-Ebb	B	6.4	9:14	7.75	8.34	26.83	28.4	1.74	8	-	-	-
C2	20/8/2018	Cloudy	Calm	Mid-Ebb	M	3.7	9:14	7.76	8.34	26.86	28.4	1.75	7	-	-	-
C2	20/8/2018	Cloudy	Calm	Mid-Ebb	M	3.7	9:15	7.71	8.35	26.97	28.5	1.79	8	-	-	-
C2	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:15	7.73	8.35	26.96	28.5	1.78	7	-	-	-
C2	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:15	7.63	8.35	26.83	28.5	1.78	7	-	-	-
F1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	5.7	9:34	7.77	8.34	26.84	28.4	1.78	6	-	-	-
F1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	5.7	9:34	7.77	8.34	26.84	28.4	1.82	7	-	-	-
F1	20/8/2018	Cloudy	Calm	Mid-Ebb	M	3.4	9:34	7.81	8.35	26.84	28.4	1.84	5	-	-	-
F1	20/8/2018	Cloudy	Calm	Mid-Ebb	M	3.4	9:35	7.77	8.34	26.79	28.3	1.83	4	-	-	-
F1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:35	7.79	8.34	26.97	28.4	1.86	5	-	-	-
F1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:35	7.92	8.36	27	28.5	1.88	5	-	-	-
M1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	7.9	9:52	7.78	8.35	26.83	28.4	1.92	9	-	-	-
M1	20/8/2018	Cloudy	Calm	Mid-Ebb	B	7.9	9:52	7.74	8.34	26.8	28.3	1.92	8	-	-	-
M1	20/8/2018	Cloudy	Calm	Mid-Ebb	M	4.5	9:53	7.83	8.34	26.69	28.4	1.93	8	-	-	-
M1	20/8/2018	Cloudy	Calm	Mid-Ebb	M	4.5	9:53	8.06	8.33	26.62	28.5	1.89	7	-	-	-
M1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:53	7.99	8.35	26.58	28.5	1.89	7	-	-	-
M1	20/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:54	8.07	8.37	26.46	28.5	1.88	6	-	-	-
C2	22/8/2018	Cloudy	Calm	Mid-Flood	B	6.5	0:39	7.78	8.02	31.8	29	2.85	12	-	-	-
C2	22/8/2018	Cloudy	Calm	Mid-Flood	B	6.5	0:39	7.47	8.02	31.8	29	2.33	12	-	-	-
C2	22/8/2018	Cloudy	Calm	Mid-Flood	M	3.8	0:39	8.61	8.07	32	29.1	2.84	9	-	-	-
C2	22/8/2018	Cloudy	Calm	Mid-Flood	M	3.8	0:40	7.61	8.14	31.2	29	2.66	9	-	-	-
C2	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	0:40	9.51	8.08	29.4	29.1	2.03	8	-	-	-
C2	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	0:41	11.08	8.22	26.9	29.5	2.42	8	-	-	-
B4	22/8/2018	Cloudy	Calm	Mid-Flood	B	3.7	0:54	10.29	8.09	29.4	29.1	1.74	12	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
B4	22/8/2018	Cloudy	Calm	Mid-Flood	B	3.7	0:54	10.37	8.11	29.33	29	1.77	12	-	-	-
B4	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	0:55	10.47	8.11	29.2	29.1	1.67	9	-	-	-
B4	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	0:55	10.45	8.11	29.25	29.2	1.84	10	-	-	-
B3	22/8/2018	Cloudy	Calm	Mid-Flood	B	3.9	1:06	13.24	8.25	26.6	29.6	2.65	8	-	-	-
B3	22/8/2018	Cloudy	Calm	Mid-Flood	B	3.9	1:06	13.11	8.26	26.6	29.6	2.09	7	-	-	-
B3	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:06	13.31	8.24	26.56	29.8	2.29	7	-	-	-
B3	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:07	13.24	8.23	26.56	29.8	2.24	7	-	-	-
CR1	22/8/2018	Cloudy	Calm	Mid-Flood	B	14.9	1:20	7.19	7.97	34	27.2	1.42	12	-	-	-
CR1	22/8/2018	Cloudy	Calm	Mid-Flood	B	14.9	1:21	8.76	8.21	32.6	29.1	0.38	12	-	-	-
CR1	22/8/2018	Cloudy	Calm	Mid-Flood	M	8	1:21	9.67	8.06	26.7	29.6	2.81	8	-	-	-
CR1	22/8/2018	Cloudy	Calm	Mid-Flood	M	8	1:21	9.71	8.05	26.86	29.5	2.61	8	-	-	-
CR1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:22	9.76	8.06	26.92	29.5	2.8	6	-	-	-
CR1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:22	9.8	8.04	26.83	29.7	2.85	7	-	-	-
S3	22/8/2018	Cloudy	Calm	Mid-Flood	B	10.8	1:36	7.92	8.15	30.6	29.1	3.55	11	-	-	-
S3	22/8/2018	Cloudy	Calm	Mid-Flood	B	10.8	1:37	8.51	8.32	26.8	29.6	2.34	11	-	-	-
S3	22/8/2018	Cloudy	Calm	Mid-Flood	M	5.9	1:37	8.39	8.32	26.91	29.7	2.41	10	-	-	-
S3	22/8/2018	Cloudy	Calm	Mid-Flood	M	5.9	1:38	8.47	8.33	26.96	29.7	2.36	10	-	-	-
S3	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:38	8.51	8.33	27.04	29.9	2.34	8	-	-	-
S3	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:38	8.62	8.35	27.12	29.7	2.39	8	-	-	-
CR2	22/8/2018	Cloudy	Calm	Mid-Flood	B	11.3	1:52	7.99	8.17	33.1	28.7	1.59	9	-	-	-
CR2	22/8/2018	Cloudy	Calm	Mid-Flood	B	11.3	1:53	8.06	8.15	30.6	29.1	1.65	9	-	-	-
CR2	22/8/2018	Cloudy	Calm	Mid-Flood	M	6.2	1:53	8.16	8.16	30.7	29.2	1.93	8	-	-	-
CR2	22/8/2018	Cloudy	Calm	Mid-Flood	M	6.2	1:54	8.35	8.15	30.78	29.1	2.08	8	-	-	-
CR2	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:54	8.39	8.17	30.8	29.3	2.11	6	-	-	-
CR2	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	1:54	8.39	8.19	30.93	29.2	2.17	6	-	-	-
H1	22/8/2018	Cloudy	Calm	Mid-Flood	B	5.5	2:08	8.38	8.12	31.2	29.1	1.32	10	-	-	-
H1	22/8/2018	Cloudy	Calm	Mid-Flood	B	5.5	2:09	10.46	8.19	29.7	29.2	1.62	11	-	-	-
H1	22/8/2018	Cloudy	Calm	Mid-Flood	M	3.3	2:09	9.82	8.32	26.8	29.6	1.24	10	-	-	-
H1	22/8/2018	Cloudy	Calm	Mid-Flood	M	3.3	2:10	9.93	8.34	26.85	29.6	1.12	10	-	-	-
H1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	2:10	10.12	8.33	26.88	29.8	1.23	10	-	-	-
H1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	2:11	10.09	8.34	27.15	30.1	1.52	10	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
S2	22/8/2018	Cloudy	Calm	Mid-Flood	B	8.1	2:25	8.69	8.2	32.3	29.2	2.58	11	-	-	-
S2	22/8/2018	Cloudy	Calm	Mid-Flood	B	8.1	2:25	8.45	8.16	30	29.1	1.43	11	-	-	-
S2	22/8/2018	Cloudy	Calm	Mid-Flood	M	4.6	2:25	8.55	8.34	26.6	29.7	0.69	10	-	-	-
S2	22/8/2018	Cloudy	Calm	Mid-Flood	M	4.6	2:26	10.3	8.35	26.88	30	1.2	11	-	-	-
S2	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	2:26	10.41	8.34	26.87	29.9	1.23	10	-	-	-
S2	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	2:27	10.47	8.35	27.06	29.9	1.29	10	-	-	-
B2	22/8/2018	Cloudy	Calm	Mid-Flood	B	3.4	2:41	11.11	8.21	29.7	29.2	1.59	9	-	-	-
B2	22/8/2018	Cloudy	Calm	Mid-Flood	B	3.4	2:41	9.61	8.32	26.8	29.6	1.18	10	-	-	-
B2	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	2:41	9.52	8.31	26.7	29.6	1.22	9	-	-	-
B2	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	2:42	9.57	8.32	26.62	29.7	1.53	8	-	-	-
S1	22/8/2018	Cloudy	Calm	Mid-Flood	B	4.2	2:53	9.34	8.33	26.8	29.7	1.98	8	-	-	-
S1	22/8/2018	Cloudy	Calm	Mid-Flood	B	4.2	2:53	10.05	8.16	30.5	29.1	3.93	7	-	-	-
S1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	2:54	8.3	8.15	30.4	29.1	2.45	6	-	-	-
S1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	2:54	8.34	8.15	30.5	29.1	2.43	6	-	-	-
B1	22/8/2018	Cloudy	Calm	Mid-Flood	B	4.5	3:04	8.19	8.16	30.4	29.1	2.98	7	-	-	-
B1	22/8/2018	Cloudy	Calm	Mid-Flood	B	4.5	3:04	9.27	8.34	26.7	29.7	2.46	7	-	-	-
B1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	3:05	9.4	8.34	26.86	29.8	2.36	6	-	-	-
B1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	3:05	9.43	8.35	26.88	29.7	2.57	6	-	-	-
C1	22/8/2018	Cloudy	Calm	Mid-Flood	B	9.7	3:18	8.19	8.16	30.4	29.1	3.19	10	-	-	-
C1	22/8/2018	Cloudy	Calm	Mid-Flood	B	9.7	3:18	9.27	8.34	26.7	29.7	2.14	11	-	-	-
C1	22/8/2018	Cloudy	Calm	Mid-Flood	M	5.4	3:19	9.85	8.32	26.8	29.6	1.59	9	-	-	-
C1	22/8/2018	Cloudy	Calm	Mid-Flood	M	5.4	3:19	9.75	8.31	26.84	29.7	1.55	9	-	-	-
C1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	3:20	9.79	8.33	26.7	29.8	1.63	7	-	-	-
C1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	3:20	9.71	8.34	26.67	29.9	1.76	7	-	-	-
M1	22/8/2018	Cloudy	Calm	Mid-Flood	B	8	3:39	8.39	8.19	32.3	29.2	1.52	7	-	-	-
M1	22/8/2018	Cloudy	Calm	Mid-Flood	B	8	3:39	8.24	8.19	32.2	29.2	1.98	7	-	-	-
M1	22/8/2018	Cloudy	Calm	Mid-Flood	M	4.5	3:40	8.15	8.19	32.2	29.2	2.21	5	-	-	-
M1	22/8/2018	Cloudy	Calm	Mid-Flood	M	4.5	3:40	9.28	8.2	30.1	29.1	1.1	5	-	-	-
M1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	3:40	8.89	8.34	27	29.6	1.51	6	-	-	-
M1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	3:41	9.17	8.35	26.94	29.6	1.71	6	-	-	-
F1	22/8/2018	Cloudy	Calm	Mid-Flood	B	5.6	3:57	9.23	8.33	27	29.6	1.43	12	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
F1	22/8/2018	Cloudy	Calm	Mid-Flood	B	5.6	3:57	9.79	8.24	29.6	29.2	3.46	12	-	-	-
F1	22/8/2018	Cloudy	Calm	Mid-Flood	M	3.3	3:58	7.88	8.15	31	29.1	2.8	12	-	-	-
F1	22/8/2018	Cloudy	Calm	Mid-Flood	M	3.3	3:58	7.79	8.15	30.98	29.2	2.79	13	-	-	-
F1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	3:58	7.91	8.16	31	29.3	2.84	7	-	-	-
F1	22/8/2018	Cloudy	Calm	Mid-Flood	S	1	3:59	8.08	8.17	30.97	29.5	2.88	8	-	-	-
C1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	9.4	8:15	7.89	8.16	32.8	29	1.16	10	-	-	-
C1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	9.4	8:15	7.97	8.17	30.5	29.1	0.99	11	-	-	-
C1	22/8/2018	Cloudy	Calm	Mid-Ebb	M	5.2	8:16	9.63	8.33	27.2	29.5	2.55	11	-	-	-
C1	22/8/2018	Cloudy	Calm	Mid-Ebb	M	5.2	8:16	9.62	8.31	27.17	29.7	2.67	10	-	-	-
C1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:16	9.82	8.32	27.22	29.7	2.49	10	-	-	-
C1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:17	9.89	8.32	27.22	29.6	2.66	10	-	-	-
B1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	4.4	8:30	9.63	8.33	27.1	29.6	2.56	8	-	-	-
B1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	4.4	8:30	9.71	8.17	30.2	29.1	1.94	8	-	-	-
B1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:30	9.07	8.2	30.2	29.2	1.95	6	-	-	-
B1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:31	9.33	8.34	27.2	29.6	2.82	5	-	-	-
S1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	4	8:42	10.06	8.34	27	29.6	2.13	8	-	-	-
S1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	4	8:42	8.7	8.18	30.2	29.1	3.26	8	-	-	-
S1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:43	9.8	8.35	27.26	29.6	2.52	7	-	-	-
S1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:43	9.98	8.37	27.43	29.6	2.85	7	-	-	-
B2	22/8/2018	Cloudy	Calm	Mid-Ebb	B	3.2	8:55	10.23	8.27	29.8	29.2	1.86	7	-	-	-
B2	22/8/2018	Cloudy	Calm	Mid-Ebb	B	3.2	8:55	9.68	8.34	27.1	29.6	2.43	8	-	-	-
B2	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:56	9.64	8.35	27.12	29.5	2.38	6	-	-	-
B2	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	8:56	9.71	8.36	27.28	29.7	2.46	6	-	-	-
S2	22/8/2018	Cloudy	Calm	Mid-Ebb	B	7.8	9:09	10.01	8.33	27.1	29.7	2.15	15	-	-	-
S2	22/8/2018	Cloudy	Calm	Mid-Ebb	B	7.8	9:10	14.49	8.21	30.1	29.2	2.81	16	-	-	-
S2	22/8/2018	Cloudy	Calm	Mid-Ebb	M	4.4	9:10	7.98	8.17	32.2	29.2	2.44	12	-	-	-
S2	22/8/2018	Cloudy	Calm	Mid-Ebb	M	4.4	9:10	7.87	8.18	32.21	29.3	2.41	11	-	-	-
S2	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:11	7.88	8.2	32.4	29.2	2.72	9	-	-	-
S2	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:11	7.87	8.2	32.34	29.4	3.12	9	-	-	-
H1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	5.2	9:26	8.1	8.18	30.4	29.1	4.56	12	-	-	-
H1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	5.2	9:26	9.33	8.23	28.6	29.1	3.43	12	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
H1	22/8/2018	Cloudy	Calm	Mid-Ebb	M	3.1	9:27	9.47	8.23	28.62	29.4	3.56	11	-	-	-
H1	22/8/2018	Cloudy	Calm	Mid-Ebb	M	3.1	9:27	9.41	8.24	28.72	29.4	3.36	11	-	-	-
H1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:28	9.37	8.26	28.75	29.4	3.26	10	-	-	-
H1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:28	9.37	8.26	28.79	29.2	3.56	9	-	-	-
CR2	22/8/2018	Cloudy	Calm	Mid-Ebb	B	11	9:42	8.89	8.15	31.6	29	1.06	13	-	-	-
CR2	22/8/2018	Cloudy	Calm	Mid-Ebb	B	11	9:42	7.22	8.12	33.2	28.6	2.77	13	-	-	-
CR2	22/8/2018	Cloudy	Calm	Mid-Ebb	M	6	9:43	7.22	8.13	33.39	28.5	2.97	12	-	-	-
CR2	22/8/2018	Cloudy	Calm	Mid-Ebb	M	6	9:43	7.18	8.14	33.32	28.7	3.12	13	-	-	-
CR2	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:44	7.21	8.16	33.2	28.8	3.31	12	-	-	-
CR2	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:44	7.15	8.17	33.17	28.9	3.35	12	-	-	-
S3	22/8/2018	Cloudy	Calm	Mid-Ebb	B	10.2	9:57	7.5	8.15	32.9	28.8	2.55	14	-	-	-
S3	22/8/2018	Cloudy	Calm	Mid-Ebb	B	10.2	9:57	7.39	8.19	30.7	29.1	1.07	14	-	-	-
S3	22/8/2018	Cloudy	Calm	Mid-Ebb	M	5.6	9:58	7.28	8.19	30.81	29.1	0.97	13	-	-	-
S3	22/8/2018	Cloudy	Calm	Mid-Ebb	M	5.6	9:58	7.34	8.2	30.74	29.1	1.12	12	-	-	-
S3	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:58	7.51	8.21	30.74	29.2	1.39	11	-	-	-
S3	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	9:59	7.6	8.22	30.74	29.3	1.46	11	-	-	-
CR1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	15	10:14	7.22	8.03	33.6	27	1.6	11	-	-	-
CR1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	15	10:14	7.26	8.02	33.62	27	1.83	11	-	-	-
CR1	22/8/2018	Cloudy	Calm	Mid-Ebb	M	8	10:15	7.3	8.04	33.62	27.1	1.85	9	-	-	-
CR1	22/8/2018	Cloudy	Calm	Mid-Ebb	M	8	10:15	7.19	8.04	33.83	27.2	1.72	9	-	-	-
CR1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	10:15	7.33	8.04	33.94	27.3	1.91	7	-	-	-
CR1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	10:16	7.31	8.03	34	27.5	2.06	7	-	-	-
B3	22/8/2018	Cloudy	Calm	Mid-Ebb	B	3.6	10:30	10.73	8.3	29.7	29.2	2.26	10	-	-	-
B3	22/8/2018	Cloudy	Calm	Mid-Ebb	B	3.6	10:30	10.77	8.29	29.84	29.2	2.43	10	-	-	-
B3	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	10:31	10.91	8.29	29.84	29.2	2.68	8	-	-	-
B3	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	10:31	10.94	8.3	29.75	29.1	2.9	8	-	-	-
B4	22/8/2018	Cloudy	Calm	Mid-Ebb	B	3.4	10:41	10.83	8.28	29	29.2	1.85	9	-	-	-
B4	22/8/2018	Cloudy	Calm	Mid-Ebb	B	3.4	10:41	11.01	8.3	29.24	29.3	2.1	9	-	-	-
B4	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	10:42	11.25	8.3	29.31	29.2	2.07	8	-	-	-
B4	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	10:42	11.16	8.31	29.4	29.3	2.32	8	-	-	-
C2	22/8/2018	Cloudy	Calm	Mid-Ebb	B	6.2	10:54	7.21	8.17	31.3	29.1	1.51	10	-	-	-

Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
C2	22/8/2018	Cloudy	Calm	Mid-Ebb	B	6.2	10:54	9.7	8.28	29	29.2	1.34	11	-	-	-
C2	22/8/2018	Cloudy	Calm	Mid-Ebb	M	3.6	10:55	9.87	8.27	29.21	29.4	1.59	10	-	-	-
C2	22/8/2018	Cloudy	Calm	Mid-Ebb	M	3.6	10:55	9.84	8.28	29.37	29.4	1.63	9	-	-	-
C2	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	10:56	9.96	8.29	29.49	29.4	1.84	10	-	-	-
C2	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	10:56	10.11	8.29	29.62	29.6	2.19	10	-	-	-
F1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	5.4	11:14	10.35	8.27	28.4	29.2	2.2	9	-	-	-
F1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	5.4	11:14	8.22	8.2	30.5	29.1	3.26	9	-	-	-
F1	22/8/2018	Cloudy	Calm	Mid-Ebb	M	3.2	11:15	8.3	8.18	30.57	29.2	3.17	10	-	-	-
F1	22/8/2018	Cloudy	Calm	Mid-Ebb	M	3.2	11:15	8.52	8.2	30.84	29.2	3.02	10	-	-	-
F1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	11:15	8.64	8.2	30.77	29.2	3.26	8	-	-	-
F1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	11:16	8.68	8.2	30.85	29.3	3.46	8	-	-	-
M1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	7.6	11:31	7.3	8.13	31.7	29.1	1.54	14	-	-	-
M1	22/8/2018	Cloudy	Calm	Mid-Ebb	B	7.6	11:31	7.4	8.12	31.55	29.3	1.68	14	-	-	-
M1	22/8/2018	Cloudy	Calm	Mid-Ebb	M	4.3	11:32	7.49	8.14	31.7	29.2	2.08	13	-	-	-
M1	22/8/2018	Cloudy	Calm	Mid-Ebb	M	4.3	11:32	7.59	8.13	31.93	29.3	2.25	14	-	-	-
M1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	11:32	7.5	8.11	31.9	29.2	2.12	12	-	-	-
M1	22/8/2018	Cloudy	Calm	Mid-Ebb	S	1	11:33	7.58	8.12	32.13	29.1	2.21	12	-	-	-
C2	24/8/2018	Sunny	Calm	Mid-Flood	B	6.6	2:26	9.07	8.2	30.1	28.8	0.77	10	-	-	-
C2	24/8/2018	Sunny	Calm	Mid-Flood	B	6.6	2:26	9.17	8.2	30.22	28.7	0.89	10	-	-	-
C2	24/8/2018	Sunny	Calm	Mid-Flood	M	3.8	2:27	9.31	8.2	30.22	28.9	0.8	7	-	-	-
C2	24/8/2018	Sunny	Calm	Mid-Flood	M	3.8	2:27	9.3	8.2	30.19	28.8	0.9	8	-	-	-
C2	24/8/2018	Sunny	Calm	Mid-Flood	S	1	2:27	9.22	8.19	30.09	28.8	1.26	6	-	-	-
C2	24/8/2018	Sunny	Calm	Mid-Flood	S	1	2:28	9.22	8.22	30.17	28.7	1.4	6	-	-	-
B4	24/8/2018	Sunny	Calm	Mid-Flood	B	3.8	2:42	9	8.15	30	28.8	2.79	7	-	-	-
B4	24/8/2018	Sunny	Calm	Mid-Flood	B	3.8	2:42	8.85	8.36	28.5	29.1	1.62	6	-	-	-
B4	24/8/2018	Sunny	Calm	Mid-Flood	S	1	2:42	8.9	8.37	28.61	29	1.96	7	-	-	-
B4	24/8/2018	Sunny	Calm	Mid-Flood	S	1	2:43	9.11	8.37	28.67	29.1	2.13	6	-	-	-
B3	24/8/2018	Sunny	Calm	Mid-Flood	B	4.1	2:53	9.21	8.34	28.6	29.1	2.46	7	-	-	-
B3	24/8/2018	Sunny	Calm	Mid-Flood	B	4.1	2:53	9.26	8.36	28.52	29.2	2.4	7	-	-	-
B3	24/8/2018	Sunny	Calm	Mid-Flood	S	1	2:54	9.47	8.37	28.48	29.2	2.8	7	-	-	-
B3	24/8/2018	Sunny	Calm	Mid-Flood	S	1	2:54	9.35	8.36	28.56	29.3	2.86	7	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
CR1	24/8/2018	Sunny	Calm	Mid-Flood	B	15.4	3:06	8.59	8.33	28.6	29.2	3.35	7	-	-	-
CR1	24/8/2018	Sunny	Calm	Mid-Flood	B	15.4	3:06	8.66	8.32	28.79	29.2	3.51	6	-	-	-
CR1	24/8/2018	Sunny	Calm	Mid-Flood	M	8.2	3:07	8.66	8.34	28.86	29.2	3.53	6	-	-	-
CR1	24/8/2018	Sunny	Calm	Mid-Flood	M	8.2	3:07	8.79	8.35	28.72	29.4	3.59	5	-	-	-
CR1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	3:08	8.86	8.34	28.91	29.5	3.65	6	-	-	-
CR1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	3:08	8.87	8.34	28.82	29.6	3.86	5	-	-	-
S3	24/8/2018	Sunny	Calm	Mid-Flood	B	10.9	3:21	7.31	8.1	31.8	28.8	0.75	8	-	-	-
S3	24/8/2018	Sunny	Calm	Mid-Flood	B	10.9	3:21	7.41	8.12	31.89	29	1.08	8	-	-	-
S3	24/8/2018	Sunny	Calm	Mid-Flood	M	6	3:22	7.41	8.14	32.05	28.9	1.38	8	-	-	-
S3	24/8/2018	Sunny	Calm	Mid-Flood	M	6	3:22	7.68	8.15	32.17	28.9	1.51	8	-	-	-
S3	24/8/2018	Sunny	Calm	Mid-Flood	S	1	3:22	7.79	8.16	32.16	28.9	1.5	7	-	-	-
S3	24/8/2018	Sunny	Calm	Mid-Flood	S	1	3:23	7.61	8.16	32.24	28.9	1.56	7	-	-	-
CR2	24/8/2018	Sunny	Calm	Mid-Flood	B	11.4	3:37	7.65	8.12	32.8	28.7	1.32	11	-	-	-
CR2	24/8/2018	Sunny	Calm	Mid-Flood	B	11.4	3:37	7.15	8.08	32	28.7	3.03	10	-	-	-
CR2	24/8/2018	Sunny	Calm	Mid-Flood	M	6.2	3:38	7.29	8.08	32.05	28.8	3.07	8	-	-	-
CR2	24/8/2018	Sunny	Calm	Mid-Flood	M	6.2	3:38	7.15	8.09	32.04	28.8	3.01	8	-	-	-
CR2	24/8/2018	Sunny	Calm	Mid-Flood	S	1	3:38	7.2	8.08	32.12	28.6	3.03	6	-	-	-
CR2	24/8/2018	Sunny	Calm	Mid-Flood	S	1	3:39	7.26	8.07	32.04	28.6	3.05	6	-	-	-
H1	24/8/2018	Sunny	Calm	Mid-Flood	B	5.7	3:53	8.99	8.33	28.5	29.1	1.15	9	-	-	-
H1	24/8/2018	Sunny	Calm	Mid-Flood	B	5.7	3:53	10.13	8.33	28.5	29.1	1.24	9	-	-	-
H1	24/8/2018	Sunny	Calm	Mid-Flood	M	3.4	3:54	10.12	8.32	28.47	29.2	1.41	8	-	-	-
H1	24/8/2018	Sunny	Calm	Mid-Flood	M	3.4	3:54	10.09	8.31	28.54	29.2	1.61	9	-	-	-
H1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	3:54	10.18	8.33	28.54	29.4	1.45	7	-	-	-
H1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	3:55	10.12	8.35	28.74	29.4	1.57	7	-	-	-
S2	24/8/2018	Sunny	Calm	Mid-Flood	B	8.2	4:10	8.3	8.34	28.5	29.2	1.91	8	-	-	-
S2	24/8/2018	Sunny	Calm	Mid-Flood	B	8.2	4:10	8.36	8.35	28.41	29.2	2.24	9	-	-	-
S2	24/8/2018	Sunny	Calm	Mid-Flood	M	4.6	4:10	8.48	8.35	28.59	29.4	2.51	8	-	-	-
S2	24/8/2018	Sunny	Calm	Mid-Flood	M	4.6	4:11	8.51	8.36	28.72	29.4	2.73	8	-	-	-
S2	24/8/2018	Sunny	Calm	Mid-Flood	S	1	4:11	8.54	8.37	28.64	29.5	2.96	7	-	-	-
S2	24/8/2018	Sunny	Calm	Mid-Flood	S	1	4:12	8.67	8.38	28.6	29.7	2.99	7	-	-	-
B2	24/8/2018	Sunny	Calm	Mid-Flood	B	3.6	4:26	9.33	8.34	28.5	29.2	1.53	11	-	-	-

Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
B2	24/8/2018	Sunny	Calm	Mid-Flood	B	3.6	4:26	9.36	8.34	28.62	29.2	1.7	12	-	-	-
B2	24/8/2018	Sunny	Calm	Mid-Flood	S	1	4:26	9.46	8.34	28.56	29.2	2.04	9	-	-	-
B2	24/8/2018	Sunny	Calm	Mid-Flood	S	1	4:27	9.67	8.35	28.43	29.1	2.26	10	-	-	-
S1	24/8/2018	Sunny	Calm	Mid-Flood	B	4.3	4:38	8.86	8.11	30.7	28.9	2.44	11	-	-	-
S1	24/8/2018	Sunny	Calm	Mid-Flood	B	4.3	4:38	8.75	8.11	30.78	29	2.39	11	-	-	-
S1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	4:39	8.97	8.12	30.79	29	2.15	8	-	-	-
S1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	4:39	8.93	8.13	30.89	29.1	2.37	9	-	-	-
B1	24/8/2018	Sunny	Calm	Mid-Flood	B	4.6	4:51	8.83	8.11	30.6	28.9	0.86	10	-	-	-
B1	24/8/2018	Sunny	Calm	Mid-Flood	B	4.6	4:51	8.82	8.11	30.74	29	1.2	10	-	-	-
B1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	4:52	8.91	8.12	30.94	29	1.45	7	-	-	-
B1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	4:52	9.01	8.14	31.13	29.1	1.57	8	-	-	-
C1	24/8/2018	Sunny	Calm	Mid-Flood	B	9.8	5:06	8.37	8.09	30.9	28.8	3.54	7	-	-	-
C1	24/8/2018	Sunny	Calm	Mid-Flood	B	9.8	5:06	9.5	8.32	28.6	29.1	2.74	8	-	-	-
C1	24/8/2018	Sunny	Calm	Mid-Flood	M	5.4	5:07	9.53	8.31	28.49	29.2	2.63	8	-	-	-
C1	24/8/2018	Sunny	Calm	Mid-Flood	M	5.4	5:07	9.41	8.3	28.47	29.3	2.74	8	-	-	-
C1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	5:08	9.3	8.31	28.58	29.5	2.79	8	-	-	-
C1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	5:08	9.53	8.33	28.8	29.6	2.58	7	-	-	-
M1	24/8/2018	Sunny	Calm	Mid-Flood	B	8.2	5:26	9.55	8.34	28.6	29.1	2.45	8	-	-	-
M1	24/8/2018	Sunny	Calm	Mid-Flood	B	8.2	5:26	9.58	8.35	28.66	29.3	2.43	8	-	-	-
M1	24/8/2018	Sunny	Calm	Mid-Flood	M	4.6	5:27	9.74	8.34	28.84	29.5	2.54	7	-	-	-
M1	24/8/2018	Sunny	Calm	Mid-Flood	M	4.6	5:27	9.75	8.35	29.05	29.6	2.57	8	-	-	-
M1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	5:27	9.88	8.36	29.02	29.8	2.5	6	-	-	-
M1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	5:28	9.91	8.37	29	29.9	2.65	7	-	-	-
F1	24/8/2018	Sunny	Calm	Mid-Flood	B	5.9	5:43	8.17	8.1	32.7	28.8	0.87	8	-	-	-
F1	24/8/2018	Sunny	Calm	Mid-Flood	B	5.9	5:43	9.36	8.15	29.5	28.9	1.21	7	-	-	-
F1	24/8/2018	Sunny	Calm	Mid-Flood	M	3.5	5:44	9.34	8.15	29.58	28.8	1.32	6	-	-	-
F1	24/8/2018	Sunny	Calm	Mid-Flood	M	3.5	5:44	9.54	8.14	29.58	28.8	1.36	6	-	-	-
F1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	5:44	9.58	8.15	29.59	28.7	1.52	4	-	-	-
F1	24/8/2018	Sunny	Calm	Mid-Flood	S	1	5:45	9.72	8.15	29.64	28.7	1.48	5	-	-	-
C1	24/8/2018	Sunny	Calm	Mid-Ebb	B	9.4	9:26	8.36	8.09	30.6	28.9	2.53	9	-	-	-
C1	24/8/2018	Sunny	Calm	Mid-Ebb	B	9.4	9:26	9.07	8.28	28.7	29	2.41	10	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
C1	24/8/2018	Sunny	Calm	Mid-Ebb	M	5.2	9:27	9.11	8.29	28.88	29.1	2.51	9	-	-	-
C1	24/8/2018	Sunny	Calm	Mid-Ebb	M	5.2	9:27	9.28	8.3	28.77	29.2	2.66	9	-	-	-
C1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	9:27	9.28	8.31	28.67	29.4	2.81	8	-	-	-
C1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	9:28	9.28	8.32	28.74	29.6	2.98	7	-	-	-
B1	24/8/2018	Sunny	Calm	Mid-Ebb	B	4.4	9:42	8.36	8.09	30.6	28.9	2.16	11	-	-	-
B1	24/8/2018	Sunny	Calm	Mid-Ebb	B	4.4	9:42	9.07	8.28	28.7	29	2.14	12	-	-	-
B1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	9:42	9.06	8.28	28.65	29.2	2.23	5	-	-	-
B1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	9:43	9.33	8.29	28.85	29.4	2.19	6	-	-	-
S1	24/8/2018	Sunny	Calm	Mid-Ebb	B	4	9:54	9.43	8.29	28.7	29.1	1.96	9	-	-	-
S1	24/8/2018	Sunny	Calm	Mid-Ebb	B	4	9:54	10.47	8.11	30.1	28.9	3.36	9	-	-	-
S1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	9:55	10.45	8.12	30.13	28.8	3.28	8	-	-	-
S1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	9:55	10.36	8.11	30.2	28.9	3.26	9	-	-	-
B2	24/8/2018	Sunny	Calm	Mid-Ebb	B	3.4	10:07	10.44	8.12	30.38	28.9	3.45	12	-	-	-
B2	24/8/2018	Sunny	Calm	Mid-Ebb	B	3.4	10:07	10.54	8.13	30.53	28.8	3.55	12	-	-	-
B2	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	10:08	9.13	8.14	29.7	28.9	3.38	12	-	-	-
B2	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	10:08	9.53	8.28	28.7	29	2.54	11	-	-	-
S2	24/8/2018	Sunny	Calm	Mid-Ebb	B	8	10:21	9.7	8.29	28.7	29	2.14	9	-	-	-
S2	24/8/2018	Sunny	Calm	Mid-Ebb	B	8	10:22	9.83	8.29	28.55	29.2	2.01	9	-	-	-
S2	24/8/2018	Sunny	Calm	Mid-Ebb	M	4.5	10:22	9.94	8.31	28.65	29.3	1.97	7	-	-	-
S2	24/8/2018	Sunny	Calm	Mid-Ebb	M	4.5	10:22	10.1	8.32	28.85	29.4	2.26	8	-	-	-
S2	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	10:23	10.25	8.34	28.78	29.3	2.48	6	-	-	-
S2	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	10:23	10.11	8.33	28.78	29.4	2.72	5	-	-	-
H1	24/8/2018	Sunny	Calm	Mid-Ebb	B	5.6	10:37	8.99	8.19	29.1	28.8	2.26	11	-	-	-
H1	24/8/2018	Sunny	Calm	Mid-Ebb	B	5.6	10:38	9.27	8.28	28.7	29.1	2.82	12	-	-	-
H1	24/8/2018	Sunny	Calm	Mid-Ebb	M	3.3	10:38	9.23	8.29	28.93	29.1	2.63	8	-	-	-
H1	24/8/2018	Sunny	Calm	Mid-Ebb	M	3.3	10:39	9.48	8.3	28.97	29.2	2.58	9	-	-	-
H1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	10:39	9.65	8.3	28.82	29.3	2.49	7	-	-	-
H1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	10:39	9.6	8.32	28.97	29.4	2.39	8	-	-	-
CR2	24/8/2018	Sunny	Calm	Mid-Ebb	B	11.2	10:53	9.39	8.32	28.7	29.2	2.32	9	-	-	-
CR2	24/8/2018	Sunny	Calm	Mid-Ebb	B	11.2	10:54	7.8	8.08	32.3	28.8	3.18	9	-	-	-
CR2	24/8/2018	Sunny	Calm	Mid-Ebb	M	6.1	10:54	7.66	8.08	32.46	29	3.39	7	-	-	-

Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
CR2	24/8/2018	Sunny	Calm	Mid-Ebb	M	6.1	10:55	7.87	8.08	32.38	28.8	3.43	8	-	-	-
CR2	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	10:55	7.85	8.09	32.43	28.8	3.71	5	-	-	-
CR2	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	10:55	8.06	8.12	32.29	28.9	3.81	6	-	-	-
S3	24/8/2018	Sunny	Calm	Mid-Ebb	B	10.6	11:07	7.75	8.07	31.5	28.8	2.12	10	-	-	-
S3	24/8/2018	Sunny	Calm	Mid-Ebb	B	10.6	11:08	8.03	8.28	28.7	29.1	2	11	-	-	-
S3	24/8/2018	Sunny	Calm	Mid-Ebb	M	5.8	11:08	7.99	8.3	28.61	29.2	2.03	10	-	-	-
S3	24/8/2018	Sunny	Calm	Mid-Ebb	M	5.8	11:08	8.16	8.31	28.66	29.2	2.15	9	-	-	-
S3	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	11:09	8.02	8.31	28.78	29.4	2.36	7	-	-	-
S3	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	11:09	8.24	8.29	28.71	29.5	2.34	8	-	-	-
CR1	24/8/2018	Sunny	Calm	Mid-Ebb	B	15.1	11:23	9.48	8.29	28.7	29.1	2.12	8	-	-	-
CR1	24/8/2018	Sunny	Calm	Mid-Ebb	B	15.1	11:24	9.45	8.29	28.74	29.2	2.12	8	-	-	-
CR1	24/8/2018	Sunny	Calm	Mid-Ebb	M	8.1	11:24	9.47	8.3	28.93	29.3	2.08	7	-	-	-
CR1	24/8/2018	Sunny	Calm	Mid-Ebb	M	8.1	11:24	9.32	8.3	29.03	29.3	2.43	7	-	-	-
CR1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	11:25	9.31	8.29	29.01	29.3	2.78	6	-	-	-
CR1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	11:25	9.45	8.3	28.92	29.4	2.86	7	-	-	-
B3	24/8/2018	Sunny	Calm	Mid-Ebb	B	4	11:39	8.55	8.13	29.5	28.9	0.71	12	-	-	-
B3	24/8/2018	Sunny	Calm	Mid-Ebb	B	4	11:40	8.57	8.13	29.44	29	0.96	11	-	-	-
B3	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	11:40	8.6	8.13	29.67	28.9	1.22	10	-	-	-
B3	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	11:40	8.45	8.13	29.68	28.8	1.17	10	-	-	-
B4	24/8/2018	Sunny	Calm	Mid-Ebb	B	3.6	11:50	9.62	8.22	28.7	29.2	2.6	12	-	-	-
B4	24/8/2018	Sunny	Calm	Mid-Ebb	B	3.6	11:51	9.59	8.23	28.71	29.3	2.66	13	-	-	-
B4	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	11:51	9.6	8.25	28.67	29.3	3.03	8	-	-	-
B4	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	11:51	9.77	8.26	28.75	29.3	3.15	8	-	-	-
C2	24/8/2018	Sunny	Calm	Mid-Ebb	B	6.3	12:04	7.69	8.08	32.4	28.8	0.15	9	-	-	-
C2	24/8/2018	Sunny	Calm	Mid-Ebb	B	6.3	12:05	7.75	8.1	32.43	28.8	0.24	10	-	-	-
C2	24/8/2018	Sunny	Calm	Mid-Ebb	M	3.7	12:05	7.87	8.12	32.37	28.8	0.06	9	-	-	-
C2	24/8/2018	Sunny	Calm	Mid-Ebb	M	3.7	12:06	7.92	8.13	32.27	28.9	0.34	9	-	-	-
C2	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	12:06	7.88	8.13	32.38	29.2	0.41	8	-	-	-
C2	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	12:06	7.84	8.14	32.3	29.4	0.5	9	-	-	-
F1	24/8/2018	Sunny	Calm	Mid-Ebb	B	5.7	12:25	8.57	8.08	31	28.9	1.79	13	-	-	-
F1	24/8/2018	Sunny	Calm	Mid-Ebb	B	5.7	12:26	8.77	8.09	30.99	28.9	1.84	13	-	-	-

Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
F1	24/8/2018	Sunny	Calm	Mid-Ebb	M	3.4	12:26	8.92	8.11	30.99	29	1.9	10	-	-	-
F1	24/8/2018	Sunny	Calm	Mid-Ebb	M	3.4	12:26	8.88	8.1	31.11	29.1	2.09	11	-	-	-
F1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	12:27	8.74	8.1	31.12	29.1	2.12	7	-	-	-
F1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	12:27	8.75	8.1	31.05	29.1	2.4	8	-	-	-
M1	24/8/2018	Sunny	Calm	Mid-Ebb	B	7.9	12:44	9.57	8.11	30.1	28.9	0.4	8	-	-	-
M1	24/8/2018	Sunny	Calm	Mid-Ebb	B	7.9	12:45	9.52	8.11	30.19	28.8	0.64	8	-	-	-
M1	24/8/2018	Sunny	Calm	Mid-Ebb	M	4.5	12:45	9.37	8.11	30.23	28.9	0.61	7	-	-	-
M1	24/8/2018	Sunny	Calm	Mid-Ebb	M	4.5	12:45	9.45	8.11	30.3	28.9	0.87	7	-	-	-
M1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	12:46	9.36	8.12	30.42	29	0.9	5	-	-	-
M1	24/8/2018	Sunny	Calm	Mid-Ebb	S	1	12:46	9.32	8.12	30.51	29.2	1.02	6	-	-	-
C2	27/8/2018	Rainy	Moderate	Mid-Flood	B	6.5	4:31	10.93	7.78	29.6	27.9	3.23	6	-	-	-
C2	27/8/2018	Rainy	Moderate	Mid-Flood	B	6.5	4:31	11.02	7.79	29.79	28	3.25	6	-	-	-
C2	27/8/2018	Rainy	Moderate	Mid-Flood	M	3.8	4:32	11.23	7.8	29.9	27.9	3.39	4	-	-	-
C2	27/8/2018	Rainy	Moderate	Mid-Flood	M	3.8	4:32	11.17	7.79	29.89	27.8	3.32	4	-	-	-
C2	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	4:33	11.16	7.8	29.84	27.9	3.4	4	-	-	-
C2	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	4:33	11.13	7.79	30.04	27.9	3.37	4	-	-	-
B4	27/8/2018	Rainy	Moderate	Mid-Flood	B	3.4	4:47	9.42	7.94	29.3	28.9	2.65	5	-	-	-
B4	27/8/2018	Rainy	Moderate	Mid-Flood	B	3.4	4:47	9.3	7.94	29.22	29	2.79	5	-	-	-
B4	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	4:48	9.39	7.94	29.21	29.1	2.91	4	-	-	-
B4	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	4:48	9.39	7.95	29.15	29.1	3.25	4	-	-	-
CR1	27/8/2018	Rainy	Moderate	Mid-Flood	B	14.8	5:12	8.64	7.95	29.4	28.9	3.3	8	-	-	-
CR1	27/8/2018	Rainy	Moderate	Mid-Flood	B	14.8	5:13	8.62	7.93	29.41	29.1	3.67	7	-	-	-
CR1	27/8/2018	Rainy	Moderate	Mid-Flood	M	7.9	5:13	8.8	7.95	29.26	29	3.43	6	-	-	-
CR1	27/8/2018	Rainy	Moderate	Mid-Flood	M	7.9	5:14	8.69	7.95	29.36	29	3.54	7	-	-	-
CR1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	5:14	8.79	7.95	29.62	29.1	3.82	6	-	-	-
CR1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	5:14	8.84	7.96	29.57	29.3	4.05	5	-	-	-
S3	27/8/2018	Rainy	Moderate	Mid-Flood	B	10.3	5:26	8.64	7.95	29.3	28.9	1	6	-	-	-
S3	27/8/2018	Rainy	Moderate	Mid-Flood	B	10.3	5:27	8.74	7.94	29.18	29	1.13	6	-	-	-
S3	27/8/2018	Rainy	Moderate	Mid-Flood	M	5.7	5:27	8.71	7.93	29.27	28.9	1.29	6	-	-	-
S3	27/8/2018	Rainy	Moderate	Mid-Flood	M	5.7	5:28	8.91	7.94	29.12	29.2	1.54	6	-	-	-
S3	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	5:28	8.72	7.94	29.13	29.3	1.73	4	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
S3	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	5:28	8.81	7.96	29.31	29.2	1.57	4	-	-	-
CR2	27/8/2018	Rainy	Moderate	Mid-Flood	B	11	5:42	7.72	8	29.3	28.9	3.54	7	-	-	-
CR2	27/8/2018	Rainy	Moderate	Mid-Flood	B	11	5:43	7.76	8.01	29.42	28.9	3.85	7	-	-	-
CR2	27/8/2018	Rainy	Moderate	Mid-Flood	M	6	5:43	7.78	8.02	29.4	28.9	4.14	6	-	-	-
CR2	27/8/2018	Rainy	Moderate	Mid-Flood	M	6	5:44	8.01	8.04	29.53	28.9	4.16	6	-	-	-
CR2	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	5:44	7.93	8.04	29.65	29.1	4.08	4	-	-	-
CR2	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	5:44	8.16	8.06	29.65	29.1	4.15	4	-	-	-
H1	27/8/2018	Rainy	Moderate	Mid-Flood	B	5.4	5:58	8.48	7.92	29.6	28.5	1.25	7	-	-	-
H1	27/8/2018	Rainy	Moderate	Mid-Flood	B	5.4	5:58	8.66	7.93	29.51	28.4	1.48	7	-	-	-
H1	27/8/2018	Rainy	Moderate	Mid-Flood	M	3.2	5:58	8.83	7.93	29.37	28.6	1.66	6	-	-	-
H1	27/8/2018	Rainy	Moderate	Mid-Flood	M	3.2	5:59	9	7.94	29.37	28.5	1.85	6	-	-	-
H1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	5:59	9.15	7.96	29.22	28.6	2.19	5	-	-	-
H1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:00	9.25	7.96	29.33	28.8	2.22	5	-	-	-
S2	27/8/2018	Rainy	Moderate	Mid-Flood	B	7.6	6:15	7.24	7.82	30.4	27.6	1.17	10	-	-	-
S2	27/8/2018	Rainy	Moderate	Mid-Flood	B	7.6	6:15	7.48	8.02	29.4	28.9	1.85	9	-	-	-
S2	27/8/2018	Rainy	Moderate	Mid-Flood	M	4.3	6:15	7.63	8.02	29.41	29	1.98	7	-	-	-
S2	27/8/2018	Rainy	Moderate	Mid-Flood	M	4.3	6:16	7.87	8.03	29.51	29.1	2.15	7	-	-	-
S2	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:16	7.95	8.03	29.56	29.1	2.29	7	-	-	-
S2	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:17	7.95	8.05	29.66	29	2.4	6	-	-	-
B2	27/8/2018	Rainy	Moderate	Mid-Flood	B	3	6:32	8.55	8.01	29.4	28.9	1.64	3	-	-	-
B2	27/8/2018	Rainy	Moderate	Mid-Flood	B	3	6:32	8.87	7.93	29.6	28.4	1.35	3	-	-	-
B2	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:32	9.12	7.93	29.51	28.5	1.48	2	-	-	-
B2	27/8/2018	Rainy	Moderate	Mid-Flood	S	3.6	6:33	9.91	7.96	29.49	28.9	2.56	4	-	-	-
B3	27/8/2018	Rainy	Moderate	Mid-Flood	B	1	6:33	9.36	7.94	29.75	28.5	1.34	3	-	-	-
B3	27/8/2018	Rainy	Moderate	Mid-Flood	B	3.6	6:33	9.79	7.94	29.3	28.9	2.56	4	-	-	-
B3	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:34	9.94	7.96	29.76	29.1	2.88	4	-	-	-
B3	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:34	10.13	7.95	29.95	28.9	2.94	4	-	-	-
S1	27/8/2018	Rainy	Moderate	Mid-Flood	B	3.8	6:43	8.89	8.02	29.3	28.8	2.04	7	-	-	-
S1	27/8/2018	Rainy	Moderate	Mid-Flood	B	3.8	6:43	8.03	8	29.2	28.6	2.12	7	-	-	-
S1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:43	7.89	8	29.35	28.8	2.01	4	-	-	-
S1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:44	7.97	8.02	29.31	28.8	2.06	4	-	-	-

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Integrated Waste Management Facilities, Phase 1
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
B1	27/8/2018	Rainy	Moderate	Mid-Flood	B	4	6:57	8.72	8	29.4	28.7	3.39	5	-	-	-
B1	27/8/2018	Rainy	Moderate	Mid-Flood	B	4	6:57	8.81	8	29.64	28.9	3.37	5	-	-	-
B1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:58	8.85	8.01	29.76	28.9	3.17	3	-	-	-
B1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:58	9.03	8.03	29.88	28.9	3.27	3	-	-	-
C1	27/8/2018	Rainy	Moderate	Mid-Flood	B	9.4	7:11	7.25	7.81	31	27.6	1.86	6	-	-	-
C1	27/8/2018	Rainy	Moderate	Mid-Flood	B	9.4	7:11	7.22	7.8	30.99	27.6	1.87	6	-	-	-
C1	27/8/2018	Rainy	Moderate	Mid-Flood	M	5.2	7:12	7.43	7.8	31.25	27.7	1.98	4	-	-	-
C1	27/8/2018	Rainy	Moderate	Mid-Flood	M	5.2	7:12	7.44	7.81	31.29	27.6	2.22	4	-	-	-
C1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:13	7.52	7.81	31.31	27.8	2.46	2	-	-	-
C1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:13	7.53	7.83	31.27	27.7	2.63	2	-	-	-
M1	27/8/2018	Rainy	Moderate	Mid-Flood	B	7.5	7:31	8.17	7.99	29.4	28.8	3.48	8	-	-	-
M1	27/8/2018	Rainy	Moderate	Mid-Flood	B	7.5	7:31	7.25	7.81	31	27.6	1.91	7	-	-	-
M1	27/8/2018	Rainy	Moderate	Mid-Flood	M	4.3	7:32	7.26	7.81	31.15	27.4	1.97	5	-	-	-
M1	27/8/2018	Rainy	Moderate	Mid-Flood	M	4.3	7:32	7.26	7.82	31.34	27.4	2.13	5	-	-	-
M1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:32	7.18	7.83	31.25	27.6	2.29	4	-	-	-
M1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:33	7.27	7.83	31.23	27.7	2.32	5	-	-	-
F1	27/8/2018	Rainy	Moderate	Mid-Flood	B	5.4	7:48	7.34	7.8	31.3	27.5	1.41	6	-	-	-
F1	27/8/2018	Rainy	Moderate	Mid-Flood	B	5.4	7:48	7.94	7.9	29.7	28.2	2.55	6	-	-	-
F1	27/8/2018	Rainy	Moderate	Mid-Flood	M	3.2	7:49	8.12	7.89	29.58	28.3	2.61	5	-	-	-
F1	27/8/2018	Rainy	Moderate	Mid-Flood	M	3.2	7:49	8.27	7.89	29.53	28.6	2.47	5	-	-	-
F1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:49	8.33	7.89	29.44	28.7	2.35	5	-	-	-
F1	27/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:50	8.47	7.9	29.3	28.7	2.59	5	-	-	-
C1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	9.2	11:07	7.98	7.98	29.3	28.7	3.73	8	-	-	-
C1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	9.2	11:07	7.42	7.81	31.3	27.7	2.67	8	-	-	-
C1	27/8/2018	Rainy	Moderate	Mid-Ebb	M	5.1	11:08	7.51	7.8	31.23	27.7	2.57	7	-	-	-
C1	27/8/2018	Rainy	Moderate	Mid-Ebb	M	5.1	11:08	7.57	7.81	31.37	27.7	2.77	8	-	-	-
C1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	11:08	7.8	7.82	31.26	27.8	2.62	6	-	-	-
C1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	11:09	7.87	7.82	31.4	27.8	2.73	6	-	-	-
B1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	3.8	11:23	7.48	7.82	30.1	27.7	2.82	6	-	-	-
B1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	3.8	11:23	7.66	7.84	30.05	27.6	2.75	6	-	-	-
B1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	11:23	7.67	7.84	30.07	27.7	2.75	5	-	-	-

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 Integrated Waste Management Facilities, Phase 1
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
B1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	11:24	7.67	7.84	30.06	27.7	2.73	5	-	-	-
S1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	3.5	11:37	7.82	7.89	29.9	28.3	3.01	5	-	-	-
S1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	3.5	11:37	7.9	7.9	29.78	28.1	3.1	5	-	-	-
S1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	11:38	7.93	7.91	29.73	28	3.2	4	-	-	-
S1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	11:38	7.98	7.89	29.6	28	3.09	5	-	-	-
B2	27/8/2018	Rainy	Moderate	Mid-Ebb	B	2.6	11:48	8.18	7.99	29.4	28.7	4.94	6	-	-	-
B2	27/8/2018	Rainy	Moderate	Mid-Ebb	B	2.6	11:48	8.42	7.92	29.8	28.3	4.85	6	-	-	-
B2	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	11:49	8.54	7.92	29.87	28.4	4.86	3	-	-	-
B2	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	11:49	8.64	7.94	29.99	28.5	4.94	3	-	-	-
S2	27/8/2018	Rainy	Moderate	Mid-Ebb	B	7.4	12:01	7.15	7.82	31.3	27.7	2.09	9	-	-	-
S2	27/8/2018	Rainy	Moderate	Mid-Ebb	B	7.4	12:01	7.31	7.83	31.4	27.8	2.04	9	-	-	-
S2	27/8/2018	Rainy	Moderate	Mid-Ebb	M	4.2	12:02	7.24	7.84	31.48	27.8	2.38	7	-	-	-
S2	27/8/2018	Rainy	Moderate	Mid-Ebb	M	4.2	12:02	7.42	7.84	31.75	27.7	2.39	7	-	-	-
S2	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:03	7.58	7.85	31.59	27.6	2.36	6	-	-	-
S2	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:03	7.71	7.86	31.57	27.6	2.33	6	-	-	-
H1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	5.2	12:18	7.89	7.88	30.1	28.1	3.81	13	-	-	-
H1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	5.2	12:18	8.03	7.88	30.14	28.2	4.02	13	-	-	-
H1	27/8/2018	Rainy	Moderate	Mid-Ebb	M	3.1	12:19	7.97	7.86	30.05	28.1	4.09	10	-	-	-
H1	27/8/2018	Rainy	Moderate	Mid-Ebb	M	3.1	12:19	8	7.89	30.04	28.2	4.26	11	-	-	-
H1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:20	8	7.89	30.24	28.3	4.18	6	-	-	-
H1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:20	8.07	7.92	30.2	28.5	4.25	7	-	-	-
CR2	27/8/2018	Rainy	Moderate	Mid-Ebb	B	10.7	12:33	8.35	7.98	29.4	28.7	3.98	7	-	-	-
CR2	27/8/2018	Rainy	Moderate	Mid-Ebb	B	10.7	12:33	8.32	7.99	29.35	28.7	3.9	8	-	-	-
CR2	27/8/2018	Rainy	Moderate	Mid-Ebb	M	5.9	12:34	8.49	7.97	29.49	28.9	3.86	5	-	-	-
CR2	27/8/2018	Rainy	Moderate	Mid-Ebb	M	5.9	12:34	8.54	7.96	29.54	29	3.8	5	-	-	-
CR2	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:34	8.58	7.98	29.6	29.3	3.79	5	-	-	-
CR2	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:35	8.55	7.99	29.78	29.3	4.1	4	-	-	-
S3	27/8/2018	Rainy	Moderate	Mid-Ebb	B	10	12:49	7.45	7.77	31.4	27.5	2.47	10	-	-	-
S3	27/8/2018	Rainy	Moderate	Mid-Ebb	B	10	12:49	7.67	7.76	31.62	27.3	2.55	10	-	-	-
S3	27/8/2018	Rainy	Moderate	Mid-Ebb	M	5.5	12:50	7.60	7.77	31.66	27.4	2.79	8	-	-	-
S3	27/8/2018	Rainy	Moderate	Mid-Ebb	M	5.5	12:50	7.29	7.77	31.76	27.6	2.77	8	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
S3	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:50	7.34	7.78	31.81	27.7	2.91	7	-	-	-
S3	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:51	7.28	7.79	31.81	27.6	2.85	7	-	-	-
CR1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	14.6	13:04	7.63	7.99	29.5	28.7	3.73	9	-	-	-
CR1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	14.6	13:04	7.71	7.98	29.62	28.7	3.66	9	-	-	-
CR1	27/8/2018	Rainy	Moderate	Mid-Ebb	M	7.8	13:05	7.86	7.97	29.66	28.7	3.57	8	-	-	-
CR1	27/8/2018	Rainy	Moderate	Mid-Ebb	M	7.8	13:05	7.94	7.96	29.69	28.8	3.78	7	-	-	-
CR1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:05	7.83	7.95	29.83	28.8	3.98	7	-	-	-
CR1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:06	7.87	7.94	29.83	28.8	4.03	8	-	-	-
B3	27/8/2018	Rainy	Moderate	Mid-Ebb	B	3.4	13:20	8.49	7.83	30.1	27.9	2.74	4	-	-	-
B3	27/8/2018	Rainy	Moderate	Mid-Ebb	B	3.4	13:20	8.34	7.83	30.26	27.9	2.89	4	-	-	-
B3	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:20	8.43	7.83	30.45	28	3.01	3	-	-	-
B3	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:21	8.51	7.83	30.55	28	2.89	3	-	-	-
B4	27/8/2018	Rainy	Moderate	Mid-Ebb	B	3.2	13:31	7.3	7.83	30.2	27.8	3.76	5	-	-	-
B4	27/8/2018	Rainy	Moderate	Mid-Ebb	B	3.2	13:31	7.42	7.85	30.11	27.8	3.73	5	-	-	-
B4	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:32	7.54	7.84	30.27	28	4.03	4	-	-	-
B4	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:32	7.7	7.84	30.22	28.1	4.15	4	-	-	-
C2	27/8/2018	Rainy	Moderate	Mid-Ebb	B	6.4	13:44	7.73	7.82	30.6	27.6	3.04	6	-	-	-
C2	27/8/2018	Rainy	Moderate	Mid-Ebb	B	6.4	13:44	7.75	7.81	30.58	27.5	3.21	6	-	-	-
C2	27/8/2018	Rainy	Moderate	Mid-Ebb	M	3.7	13:45	7.78	7.83	30.78	27.5	3.3	5	-	-	-
C2	27/8/2018	Rainy	Moderate	Mid-Ebb	M	3.7	13:45	7.69	7.84	30.76	27.7	3.57	4	-	-	-
C2	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:46	7.68	7.85	30.66	27.6	3.75	4	-	-	-
C2	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:46	7.86	7.86	30.74	27.6	3.81	4	-	-	-
F1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	5.2	14:03	7.14	7.82	31.4	27.5	1.25	5	-	-	-
F1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	5.2	14:03	7.15	7.83	31.48	27.6	1.17	5	-	-	-
F1	27/8/2018	Rainy	Moderate	Mid-Ebb	M	3.1	14:04	7.18	7.83	31.61	27.6	1.45	4	-	-	-
F1	27/8/2018	Rainy	Moderate	Mid-Ebb	M	3.1	14:04	7.27	7.83	31.74	27.6	1.56	4	-	-	-
F1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	14:04	7.39	7.85	31.64	27.8	1.43	3	-	-	-
F1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	14:05	7.38	7.86	31.87	27.8	1.38	4	-	-	-
M1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	7.2	14:21	7.35	7.83	30.7	27.6	2.54	7	-	-	-
M1	27/8/2018	Rainy	Moderate	Mid-Ebb	B	7.2	14:21	7.5	7.85	30.64	27.5	2.71	7	-	-	-
M1	27/8/2018	Rainy	Moderate	Mid-Ebb	M	4.1	14:22	7.66	7.85	30.64	27.6	2.66	6	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
M1	27/8/2018	Rainy	Moderate	Mid-Ebb	M	4.1	14:22	7.78	7.85	30.67	27.6	2.67	6	-	-	-
M1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	14:22	7.92	7.86	30.66	27.7	2.72	5	-	-	-
M1	27/8/2018	Rainy	Moderate	Mid-Ebb	S	1	14:23	8.04	7.85	30.72	27.6	2.74	4	-	-	-
C2	29/8/2018	Rainy	Moderate	Mid-Flood	B	6.4	5:52	7.76	8.32	26.82	28.4	1.07	10	-	-	-
C2	29/8/2018	Rainy	Moderate	Mid-Flood	B	6.4	5:53	7.76	8.33	26.93	28.5	1.07	10	-	-	-
C2	29/8/2018	Rainy	Moderate	Mid-Flood	M	3.7	5:53	7.97	8.33	27.06	28.5	1.11	10	-	-	-
C2	29/8/2018	Rainy	Moderate	Mid-Flood	M	3.7	5:54	8.24	8.36	26.93	28.4	1.08	10	-	-	-
C2	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	5:54	8.29	8.37	27.03	28.5	1.06	8	-	-	-
C2	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	5:55	8.35	8.39	27.02	28.4	1.06	8	-	-	-
B4	29/8/2018	Rainy	Moderate	Mid-Flood	B	3.6	6:08	7.91	8.35	27.08	28.4	1.02	10	-	-	-
B4	29/8/2018	Rainy	Moderate	Mid-Flood	B	3.6	6:08	7.98	8.35	27.14	28.3	1.07	10	-	-	-
B4	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:09	7.99	8.34	27.18	28.3	1.1	8	-	-	-
B4	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:10	8.1	8.35	27.33	28.5	1.07	8	-	-	-
B3	29/8/2018	Rainy	Moderate	Mid-Flood	B	3.8	6:19	8.01	8.32	27.35	28.6	1.17	9	-	-	-
B3	29/8/2018	Rainy	Moderate	Mid-Flood	B	3.8	6:20	8.16	8.31	27.34	28.6	1.17	9	-	-	-
B3	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:20	8.13	8.32	27.26	28.7	1.17	8	-	-	-
B3	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:21	8.23	8.32	27.3	28.8	1.2	7	-	-	-
CR1	29/8/2018	Rainy	Moderate	Mid-Flood	B	14.8	6:32	7.76	8.34	27.2	28.5	1.03	9	-	-	-
CR1	29/8/2018	Rainy	Moderate	Mid-Flood	B	14.8	6:32	7.72	8.35	27.12	28.6	1.05	9	-	-	-
CR1	29/8/2018	Rainy	Moderate	Mid-Flood	M	7.9	6:33	7.8	8.34	27.25	28.6	1.05	8	-	-	-
CR1	29/8/2018	Rainy	Moderate	Mid-Flood	M	7.9	6:33	7.77	8.34	27.32	28.7	1.04	9	-	-	-
CR1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:34	7.69	8.36	27.22	28.7	1.01	7	-	-	-
CR1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:35	7.59	8.38	27.07	28.7	1	7	-	-	-
S3	29/8/2018	Rainy	Moderate	Mid-Flood	B	10.2	6:47	7.82	8.33	27.11	28.6	1.2	11	-	-	-
S3	29/8/2018	Rainy	Moderate	Mid-Flood	B	10.2	6:48	7.77	8.33	27.19	28.5	1.22	11	-	-	-
S3	29/8/2018	Rainy	Moderate	Mid-Flood	M	5.6	6:49	7.75	8.31	27.19	28.4	1.24	11	-	-	-
S3	29/8/2018	Rainy	Moderate	Mid-Flood	M	5.6	6:49	7.96	8.33	27.35	28.5	1.29	11	-	-	-
S3	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:50	8.12	8.35	27.44	28.4	1.29	8	-	-	-
S3	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	6:50	8.15	8.35	27.39	28.4	1.29	9	-	-	-
CR2	29/8/2018	Rainy	Moderate	Mid-Flood	B	11	7:03	7.72	8.31	27.01	28.4	1.05	10	-	-	-
CR2	29/8/2018	Rainy	Moderate	Mid-Flood	B	11	7:04	7.79	8.32	27.17	28.4	1.1	10	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
CR2	29/8/2018	Rainy	Moderate	Mid-Flood	M	6	7:04	7.88	8.33	27.1	28.3	1.08	9	-	-	-
CR2	29/8/2018	Rainy	Moderate	Mid-Flood	M	6	7:05	7.95	8.33	27.02	28.3	1.09	9	-	-	-
CR2	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:05	7.86	8.32	27.13	28.4	1.12	8	-	-	-
CR2	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:06	7.71	8.32	27.04	28.5	1.14	8	-	-	-
H1	29/8/2018	Rainy	Moderate	Mid-Flood	B	5.4	7:18	7.59	8.34	26.91	28.5	1.36	9	-	-	-
H1	29/8/2018	Rainy	Moderate	Mid-Flood	B	5.4	7:18	7.67	8.33	26.98	28.5	1.35	9	-	-	-
H1	29/8/2018	Rainy	Moderate	Mid-Flood	M	3.2	7:19	7.8	8.32	26.98	28.5	1.33	8	-	-	-
H1	29/8/2018	Rainy	Moderate	Mid-Flood	M	3.2	7:20	7.67	8.32	26.95	28.5	1.31	8	-	-	-
H1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:20	7.72	8.34	27.15	28.6	1.31	7	-	-	-
H1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:21	7.77	8.36	27.18	28.6	1.34	8	-	-	-
S2	29/8/2018	Rainy	Moderate	Mid-Flood	B	8	7:34	8.13	8.33	27.13	28.4	1.16	9	-	-	-
S2	29/8/2018	Rainy	Moderate	Mid-Flood	B	8	7:35	8.26	8.33	27.34	28.4	1.13	9	-	-	-
S2	29/8/2018	Rainy	Moderate	Mid-Flood	M	4.5	7:36	8.28	8.33	27.39	28.4	1.16	9	-	-	-
S2	29/8/2018	Rainy	Moderate	Mid-Flood	M	4.5	7:36	8.45	8.34	27.56	28.4	1.15	9	-	-	-
S2	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:37	8.4	8.35	27.75	28.4	1.16	8	-	-	-
S2	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:37	8.29	8.36	27.98	28.5	1.16	8	-	-	-
B2	29/8/2018	Rainy	Moderate	Mid-Flood	B	3.2	7:50	7.77	8.33	27	28.4	1.23	9	-	-	-
B2	29/8/2018	Rainy	Moderate	Mid-Flood	B	3.2	7:51	7.74	8.34	27.04	28.4	1.24	9	-	-	-
B2	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:51	7.79	8.36	27.25	28.5	1.23	8	-	-	-
B2	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	7:52	7.88	8.36	27.19	28.5	1.22	8	-	-	-
S1	29/8/2018	Rainy	Moderate	Mid-Flood	B	3.8	8:02	7.66	8.33	26.91	28.5	1.27	11	-	-	-
S1	29/8/2018	Rainy	Moderate	Mid-Flood	B	3.8	8:02	7.65	8.33	26.85	28.4	1.29	11	-	-	-
S1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	8:03	7.86	8.35	27.01	28.4	1.3	8	-	-	-
S1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	8:03	7.84	8.35	27.04	28.4	1.32	8	-	-	-
B1	29/8/2018	Rainy	Moderate	Mid-Flood	B	4	8:13	7.93	8.31	27.11	28.5	1.39	8	-	-	-
B1	29/8/2018	Rainy	Moderate	Mid-Flood	B	4	8:14	8.16	8.31	27.11	28.5	1.44	8	-	-	-
B1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	8:14	8.17	8.32	27.14	28.6	1.45	6	-	-	-
B1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	8:15	8.27	8.32	27.12	28.6	1.45	6	-	-	-
C1	29/8/2018	Rainy	Moderate	Mid-Flood	B	9.4	8:28	7.68	8.34	27.05	28.5	1.78	10	-	-	-
C1	29/8/2018	Rainy	Moderate	Mid-Flood	B	9.4	8:28	7.52	8.35	27.01	28.5	1.81	10	-	-	-
C1	29/8/2018	Rainy	Moderate	Mid-Flood	M	5.2	8:29	7.65	8.34	27.04	28.6	1.82	9	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
C1	29/8/2018	Rainy	Moderate	Mid-Flood	M	5.2	8:29	7.61	8.33	27.2	28.6	1.86	10	-	-	-
C1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	8:30	7.52	8.34	27.24	28.7	1.9	8	-	-	-
C1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	8:31	7.67	8.33	27.07	28.7	1.91	7	-	-	-
M1	29/8/2018	Rainy	Moderate	Mid-Flood	B	7.6	8:49	7.68	8.34	27.45	28.8	1.26	11	-	-	-
M1	29/8/2018	Rainy	Moderate	Mid-Flood	B	7.6	8:50	7.58	8.35	27.38	28.9	1.29	11	-	-	-
M1	29/8/2018	Rainy	Moderate	Mid-Flood	M	4.3	8:50	7.6	8.37	27.3	28.9	1.31	10	-	-	-
M1	29/8/2018	Rainy	Moderate	Mid-Flood	M	4.3	8:51	7.71	8.39	27.34	28.9	1.31	10	-	-	-
M1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	8:52	7.92	8.38	27.24	29.0	1.32	7	-	-	-
M1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	8:52	8.04	8.39	27.22	29.0	1.33	8	-	-	-
F1	29/8/2018	Rainy	Moderate	Mid-Flood	B	5.8	9:07	8.27	8.37	27.08	28.6	1.38	10	-	-	-
F1	29/8/2018	Rainy	Moderate	Mid-Flood	B	5.8	9:08	8.29	8.36	27.26	28.7	1.34	10	-	-	-
F1	29/8/2018	Rainy	Moderate	Mid-Flood	M	3.4	9:08	8.39	8.36	27.43	28.6	1.33	7	-	-	-
F1	29/8/2018	Rainy	Moderate	Mid-Flood	M	3.4	9:09	8.48	8.37	27.53	28.6	1.37	8	-	-	-
F1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	9:09	8.47	8.37	27.42	28.6	1.37	6	-	-	-
F1	29/8/2018	Rainy	Moderate	Mid-Flood	S	1	9:10	8.37	8.37	27.6	28.5	1.4	6	-	-	-
C1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	9.1	12:13	8.18	8.35	27.72	28.7	1.39	6	-	-	-
C1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	9.1	12:13	8.16	8.34	27.92	28.7	1.39	6	-	-	-
C1	29/8/2018	Rainy	Moderate	Mid-Ebb	M	5.1	12:14	8.27	8.37	27.97	28.7	1.38	3	-	-	-
C1	29/8/2018	Rainy	Moderate	Mid-Ebb	M	5.1	12:14	8.23	8.39	28.2	28.7	1.42	3	-	-	-
C1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:15	8.32	8.41	28.26	28.7	1.39	4	-	-	-
C1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:16	8.49	8.41	28.22	28.8	1.35	4	-	-	-
B1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	3.7	12:29	8.66	8.39	27.07	28.6	1.62	10	-	-	-
B1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	3.7	12:30	8.91	8.39	27.09	28.6	1.61	9	-	-	-
B1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:31	8.78	8.4	27.32	28.7	1.63	9	-	-	-
B1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:31	8.91	8.42	27.39	28.7	1.62	9	-	-	-
S1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	3.4	12:40	8.35	8.38	26.97	28.8	1.81	8	-	-	-
S1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	3.4	12:40	8.53	8.36	26.87	29.0	1.81	7	-	-	-
S1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:41	8.57	8.37	26.9	29.0	1.8	3	-	-	-
S1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:42	8.78	8.38	26.85	28.9	1.83	3	-	-	-
B2	29/8/2018	Rainy	Moderate	Mid-Ebb	B	3	12:52	7.65	8.32	27	28.4	1.28	6	-	-	-
B2	29/8/2018	Rainy	Moderate	Mid-Ebb	B	3	12:53	7.83	8.33	26.84	28.5	1.32	5	-	-	-

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Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
B2	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:53	7.88	8.33	26.99	28.5	1.32	4	-	-	-
B2	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	12:54	8.09	8.33	27.02	28.6	1.36	4	-	-	-
S2	29/8/2018	Rainy	Moderate	Mid-Ebb	B	7.6	13:07	7.98	8.38	27.04	28.5	1.13	6	-	-	-
S2	29/8/2018	Rainy	Moderate	Mid-Ebb	B	7.6	13:07	7.86	8.4	27.19	28.4	1.12	6	-	-	-
S2	29/8/2018	Rainy	Moderate	Mid-Ebb	M	4.3	13:08	7.95	8.39	27.11	28.5	1.14	5	-	-	-
S2	29/8/2018	Rainy	Moderate	Mid-Ebb	M	4.3	13:09	8.2	8.39	27.3	28.5	1.14	5	-	-	-
S2	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:09	8.35	8.4	27.42	28.6	1.12	4	-	-	-
S2	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:10	8.47	8.4	27.56	28.7	1.15	4	-	-	-
H1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	5.2	13:23	8.35	8.32	27.21	28.5	1.76	7	-	-	-
H1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	5.2	13:24	8.55	8.33	27.11	28.5	1.77	7	-	-	-
H1	29/8/2018	Rainy	Moderate	Mid-Ebb	M	3.1	13:25	8.58	8.33	27.28	28.6	1.79	5	-	-	-
H1	29/8/2018	Rainy	Moderate	Mid-Ebb	M	3.1	13:25	8.66	8.32	27.25	28.7	1.84	5	-	-	-
H1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:26	8.6	8.32	27.52	28.6	1.8	3	-	-	-
H1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:26	8.78	8.34	27.66	28.7	1.81	3	-	-	-
CR2	29/8/2018	Rainy	Moderate	Mid-Ebb	B	10.6	13:39	7.88	8.34	26.76	28.7	1.72	7	-	-	-
CR2	29/8/2018	Rainy	Moderate	Mid-Ebb	B	10.6	13:40	8.03	8.34	26.88	28.7	1.75	7	-	-	-
CR2	29/8/2018	Rainy	Moderate	Mid-Ebb	M	5.8	13:40	8.03	8.34	26.74	28.7	1.74	5	-	-	-
CR2	29/8/2018	Rainy	Moderate	Mid-Ebb	M	5.8	13:41	8.28	8.34	26.67	28.8	1.76	6	-	-	-
CR2	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:42	8.41	8.35	26.87	28.9	1.76	3	-	-	-
CR2	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:42	8.42	8.36	26.73	28.9	1.75	4	-	-	-
S3	29/8/2018	Rainy	Moderate	Mid-Ebb	B	9.8	13:54	7.69	8.35	26.96	28.5	1.89	9	-	-	-
S3	29/8/2018	Rainy	Moderate	Mid-Ebb	B	9.8	13:54	7.88	8.36	26.84	28.5	1.9	10	-	-	-
S3	29/8/2018	Rainy	Moderate	Mid-Ebb	M	5.4	13:55	7.81	8.38	26.95	28.6	1.88	7	-	-	-
S3	29/8/2018	Rainy	Moderate	Mid-Ebb	M	5.4	13:56	7.8	8.38	27.05	28.6	1.91	7	-	-	-
S3	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:56	7.72	8.4	27.29	28.6	1.92	4	-	-	-
S3	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	13:57	7.57	8.39	27.34	28.6	1.92	5	-	-	-
CR1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	14.2	14:08	8.37	7.73	27.33	28.6	1.89	6	-	-	-
CR1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	14.2	14:08	8.3	7.74	27.33	28.6	1.89	6	-	-	-
CR1	29/8/2018	Rainy	Moderate	Mid-Ebb	M	7.6	14:09	8.43	7.75	27.29	28.5	1.92	5	-	-	-
CR1	29/8/2018	Rainy	Moderate	Mid-Ebb	M	7.6	14:09	8.56	7.76	27.51	28.7	1.91	6	-	-	-
CR1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	14:10	8.47	7.75	27.77	28.6	1.9	4	-	-	-

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 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
CR1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	14:11	8.69	7.74	27.73	28.6	1.94	5	-	-	-
B3	29/8/2018	Rainy	Moderate	Mid-Ebb	B	3.4	14:26	8.35	7.96	27.08	28.6	1.96	5	-	-	-
B3	29/8/2018	Rainy	Moderate	Mid-Ebb	B	3.4	14:27	8.24	7.97	27.09	28.6	1.96	5	-	-	-
B3	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	14:27	8.33	7.96	27.22	28.6	1.97	3	-	-	-
B3	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	14:28	8.46	7.95	27.11	28.6	1.93	3	-	-	-
B4	29/8/2018	Rainy	Moderate	Mid-Ebb	B	3.2	14:37	7.63	8.36	26.87	28.5	1.57	6	-	-	-
B4	29/8/2018	Rainy	Moderate	Mid-Ebb	B	3.2	14:37	7.79	8.38	27.04	28.5	1.59	6	-	-	-
B4	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	14:38	8.02	8.37	27.14	28.7	1.58	6	-	-	-
B4	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	14:39	8.19	8.39	27.35	28.6	1.57	6	-	-	-
C2	29/8/2018	Rainy	Moderate	Mid-Ebb	B	6	14:51	7.81	8.35	26.85	28.6	2	7	-	-	-
C2	29/8/2018	Rainy	Moderate	Mid-Ebb	B	6	14:52	7.66	8.36	26.74	28.6	1.98	7	-	-	-
C2	29/8/2018	Rainy	Moderate	Mid-Ebb	M	3.5	14:52	7.73	8.38	26.7	28.7	1.99	6	-	-	-
C2	29/8/2018	Rainy	Moderate	Mid-Ebb	M	3.5	14:53	7.78	8.37	26.91	28.8	1.96	6	-	-	-
C2	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	14:54	7.8	8.38	26.8	28.8	1.94	5	-	-	-
C2	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	14:54	7.91	8.37	26.86	28.8	1.95	5	-	-	-
F1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	5.5	15:11	7.98	8.36	27.07	28.4	2.38	7	-	-	-
F1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	5.5	15:11	8.08	8.37	27.05	28.4	2.43	7	-	-	-
F1	29/8/2018	Rainy	Moderate	Mid-Ebb	M	3.3	15:12	7.95	8.37	27.02	28.5	2.42	5	-	-	-
F1	29/8/2018	Rainy	Moderate	Mid-Ebb	M	3.3	15:13	7.84	8.37	27.07	28.4	2.43	5	-	-	-
F1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	15:13	8.02	8.38	27.23	28.6	2.42	4	-	-	-
F1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	15:14	8.19	8.38	27.48	28.6	2.41	4	-	-	-
M1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	7.4	15:29	7.97	8.34	26.86	28.4	2.14	8	-	-	-
M1	29/8/2018	Rainy	Moderate	Mid-Ebb	B	7.4	15:29	8.2	8.34	27.05	28.5	2.15	8	-	-	-
M1	29/8/2018	Rainy	Moderate	Mid-Ebb	M	4.2	15:30	8.33	8.36	26.97	28.5	2.12	7	-	-	-
M1	29/8/2018	Rainy	Moderate	Mid-Ebb	M	4.2	15:30	8.48	8.36	27.17	28.5	2.12	7	-	-	-
M1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	15:31	8.37	8.35	27.18	28.4	2.12	5	-	-	-
M1	29/8/2018	Rainy	Moderate	Mid-Ebb	S	1	15:32	8.37	8.36	27.24	28.6	2.13	6	-	-	-
C2	31/8/2018	Cloudy	Moderate	Mid-Flood	B	6.4	7:13	7.93	8.25	27.36	28.7	1.49	7	-	-	-
C2	31/8/2018	Cloudy	Moderate	Mid-Flood	B	6.4	7:14	7.93	8.25	27.25	28.7	1.45	8	-	-	-
C2	31/8/2018	Cloudy	Moderate	Mid-Flood	M	3.7	7:14	8.08	8.25	27.08	28.8	1.43	7	-	-	-
C2	31/8/2018	Cloudy	Moderate	Mid-Flood	M	3.7	7:15	8.06	8.28	26.99	28.8	1.4	7	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
C2	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:16	8.28	8.3	27.07	28.7	1.44	7	-	-	-
C2	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:16	8.51	8.3	27.01	28.8	1.46	7	-	-	-
B4	31/8/2018	Cloudy	Moderate	Mid-Flood	B	3.8	7:29	7.64	8.27	27.27	28.6	1.25	8	-	-	-
B4	31/8/2018	Cloudy	Moderate	Mid-Flood	B	3.8	7:30	7.72	8.29	27.43	28.7	1.22	8	-	-	-
B4	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:30	7.59	8.32	27.32	28.8	1.2	6	-	-	-
B4	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:31	7.61	8.33	27.23	28.7	1.19	6	-	-	-
B3	31/8/2018	Cloudy	Moderate	Mid-Flood	B	4.1	7:40	7.79	8.24	26.96	28.7	1.28	8	-	-	-
B3	31/8/2018	Cloudy	Moderate	Mid-Flood	B	4.1	7:41	7.77	8.27	27.14	28.8	1.3	8	-	-	-
B3	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:42	7.84	8.27	27.12	28.8	1.31	6	-	-	-
B3	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:42	7.88	8.29	27.24	28.9	1.32	7	-	-	-
CR1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	14.6	7:53	8.25	8.3	27.56	28.5	1.26	5	-	-	-
CR1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	14.6	7:53	8.4	8.3	27.37	28.6	1.25	5	-	-	-
CR1	31/8/2018	Cloudy	Moderate	Mid-Flood	M	7.8	7:54	8.55	8.32	27.41	28.7	1.22	5	-	-	-
CR1	31/8/2018	Cloudy	Moderate	Mid-Flood	M	7.8	7:55	8.42	8.33	27.53	28.7	1.2	4	-	-	-
CR1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:55	8.39	8.33	27.57	28.7	1.18	5	-	-	-
CR1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	7:56	8.51	8.36	27.42	28.8	1.18	4	-	-	-
S3	31/8/2018	Cloudy	Moderate	Mid-Flood	B	9.6	8:08	8.11	8.29	27.37	28.5	1.44	6	-	-	-
S3	31/8/2018	Cloudy	Moderate	Mid-Flood	B	9.6	8:08	8.28	8.3	27.44	28.5	1.42	5	-	-	-
S3	31/8/2018	Cloudy	Moderate	Mid-Flood	M	5.3	8:09	8.36	8.31	27.5	28.4	1.41	5	-	-	-
S3	31/8/2018	Cloudy	Moderate	Mid-Flood	M	5.3	8:09	8.46	8.3	27.64	28.4	1.42	6	-	-	-
S3	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	8:10	8.64	8.31	27.47	28.4	1.46	4	-	-	-
S3	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	8:11	8.58	8.32	27.59	28.3	1.45	4	-	-	-
CR2	31/8/2018	Cloudy	Moderate	Mid-Flood	B	11.1	8:24	7.87	8.3	27.34	28.7	1.51	6	-	-	-
CR2	31/8/2018	Cloudy	Moderate	Mid-Flood	B	11.1	8:25	7.82	8.32	27.47	28.8	1.53	6	-	-	-
CR2	31/8/2018	Cloudy	Moderate	Mid-Flood	M	6.1	8:26	7.82	8.32	27.57	28.8	1.52	5	-	-	-
CR2	31/8/2018	Cloudy	Moderate	Mid-Flood	M	6.1	8:26	7.81	8.32	27.55	28.7	1.5	5	-	-	-
CR2	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	8:27	7.89	8.32	27.53	28.8	1.54	5	-	-	-
CR2	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	8:27	8.05	8.32	27.5	28.8	1.54	6	-	-	-
H1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	5.6	8:42	8.32	8.32	27.35	28.6	1.57	7	-	-	-
H1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	5.6	8:43	8.49	8.33	27.34	28.7	1.56	7	-	-	-
H1	31/8/2018	Cloudy	Moderate	Mid-Flood	M	3.3	8:43	8.72	8.34	27.18	28.7	1.59	7	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
H1	31/8/2018	Cloudy	Moderate	Mid-Flood	M	3.3	8:44	8.61	8.34	27.21	28.7	1.56	6	-	-	-
H1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	8:44	8.67	8.35	27.39	28.8	1.57	6	-	-	-
H1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	8:45	8.68	8.33	27.45	28.8	1.56	6	-	-	-
S2	31/8/2018	Cloudy	Moderate	Mid-Flood	B	7.8	8:58	8.22	8.28	27.88	28.8	1.31	4	-	-	-
S2	31/8/2018	Cloudy	Moderate	Mid-Flood	B	7.8	8:58	8.46	8.28	27.76	28.7	1.26	4	-	-	-
S2	31/8/2018	Cloudy	Moderate	Mid-Flood	M	4.4	8:59	8.55	8.29	28.01	28.8	1.28	4	-	-	-
S2	31/8/2018	Cloudy	Moderate	Mid-Flood	M	4.4	9:00	8.72	8.28	27.87	28.8	1.33	4	-	-	-
S2	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:00	8.69	8.27	27.72	28.9	1.34	4	-	-	-
S2	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:01	8.6	8.27	27.87	28.9	1.37	4	-	-	-
B2	31/8/2018	Cloudy	Moderate	Mid-Flood	B	3.2	9:14	7.67	8.31	27.05	28.9	1.57	6	-	-	-
B2	31/8/2018	Cloudy	Moderate	Mid-Flood	B	3.2	9:15	7.84	8.32	27.08	29.0	1.57	6	-	-	-
B2	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:16	7.87	8.31	26.96	29.1	1.61	5	-	-	-
B2	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:16	7.99	8.34	27.11	29.1	1.58	5	-	-	-
S1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	3.6	9:26	7.7	8.28	26.79	28.9	1.46	5	-	-	-
S1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	3.6	9:26	7.72	8.28	26.65	28.9	1.45	4	-	-	-
S1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:27	7.79	8.29	26.53	29.0	1.44	4	-	-	-
S1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:28	7.99	8.28	26.62	29.0	1.46	5	-	-	-
B1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	3.8	9:37	8.24	8.36	27.5	28.4	1.5	8	-	-	-
B1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	3.8	9:38	8.53	8.36	27.68	28.5	1.46	8	-	-	-
B1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:39	8.69	8.35	27.55	28.5	1.5	6	-	-	-
B1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:39	8.8	8.35	27.48	28.5	1.46	6	-	-	-
C1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	9.4	9:51	8.81	8.37	27.58	28.6	1.45	8	-	-	-
C1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	9.4	9:51	8.87	8.39	27.5	28.6	1.43	8	-	-	-
C1	31/8/2018	Cloudy	Moderate	Mid-Flood	M	5.2	9:52	8.92	8.39	27.64	28.6	1.39	8	-	-	-
C1	31/8/2018	Cloudy	Moderate	Mid-Flood	M	5.2	9:53	8.99	8.39	27.6	28.6	1.39	8	-	-	-
C1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:53	8.91	8.4	27.86	28.6	1.39	6	-	-	-
C1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	9:54	8.9	8.41	27.97	28.7	1.39	7	-	-	-
M1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	7.9	10:11	7.82	8.3	27.15	28.6	1.34	6	-	-	-
M1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	7.9	10:12	7.86	8.33	27.27	28.6	1.34	6	-	-	-
M1	31/8/2018	Cloudy	Moderate	Mid-Flood	M	4.5	10:13	7.86	8.33	27.36	28.6	1.36	6	-	-	-
M1	31/8/2018	Cloudy	Moderate	Mid-Flood	M	4.5	10:13	8	8.34	27.37	28.7	1.4	6	-	-	-

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 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
M1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	10:14	7.9	8.34	27.44	28.8	1.37	5	-	-	-
M1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	10:15	7.79	8.35	27.46	28.8	1.35	5	-	-	-
F1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	5.8	10:29	7.75	8.3	27.2	28.6	1.21	9	-	-	-
F1	31/8/2018	Cloudy	Moderate	Mid-Flood	B	5.8	10:30	7.9	8.31	27.09	28.6	1.2	9	-	-	-
F1	31/8/2018	Cloudy	Moderate	Mid-Flood	M	3.4	10:30	7.93	8.32	27.12	28.6	1.23	8	-	-	-
F1	31/8/2018	Cloudy	Moderate	Mid-Flood	M	3.4	10:31	7.95	8.33	27.26	28.6	1.23	8	-	-	-
F1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	10:32	8.07	8.36	27.43	28.6	1.26	7	-	-	-
F1	31/8/2018	Cloudy	Moderate	Mid-Flood	S	1	10:32	7.96	8.36	27.43	28.6	1.23	7	-	-	-
C1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	9.1	13:15	7.88	8.33	27.5	28.4	1.99	6	-	-	-
C1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	9.1	13:15	8.02	8.33	27.49	28.3	1.96	6	-	-	-
C1	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.1	13:16	8.07	8.34	27.58	28.3	1.97	6	-	-	-
C1	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.1	13:17	8.11	8.35	27.75	28.3	1.96	6	-	-	-
C1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:17	8.14	8.37	27.63	28.3	1.98	5	-	-	-
C1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:18	8.22	8.37	27.82	28.3	1.96	5	-	-	-
B1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.7	13:32	8.1	8.32	27.37	28.7	1.95	8	-	-	-
B1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.7	13:32	8.21	8.32	27.59	28.7	1.95	8	-	-	-
B1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:33	8.34	8.33	27.58	28.7	1.92	5	-	-	-
B1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:33	8.4	8.34	27.64	28.7	1.88	4	-	-	-
S1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.4	13:43	8.03	8.33	27.08	28.6	1.69	7	-	-	-
S1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.4	13:44	7.98	8.32	27.03	28.7	1.74	7	-	-	-
S1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:44	8.07	8.31	27.19	28.8	1.74	6	-	-	-
S1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:45	7.96	8.33	27.22	28.8	1.72	5	-	-	-
B2	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	3	13:59	7.78	8.32	27.18	28.6	1.21	5	-	-	-
B2	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	3	13:59	7.87	8.32	27.19	28.6	1.18	5	-	-	-
B2	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:00	8.06	8.34	27.1	28.8	1.18	5	-	-	-
B2	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:00	8.28	8.35	27.03	28.8	1.21	5	-	-	-
S2	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	7.6	14:14	8.08	8.33	27.12	28.6	1.25	8	-	-	-
S2	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	7.6	14:15	8.18	8.32	27.13	28.7	1.24	7	-	-	-
S2	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	4.3	14:15	8.28	8.33	27.03	28.7	1.25	6	-	-	-
S2	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	4.3	14:16	8.43	8.34	27.04	28.8	1.26	6	-	-	-
S2	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:16	8.35	8.34	26.99	28.7	1.29	4	-	-	-

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Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity <small>note 2</small>	Direction in NESW <small>note 2</small>
S2	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:17	8.5	8.34	27.16	28.8	1.27	4	-	-	-
H1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.5	14:30	7.91	8.34	27.34	28.5	1.12	7	-	-	-
H1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.5	14:30	7.8	8.34	27.29	28.5	1.13	7	-	-	-
H1	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.3	14:31	7.88	8.35	27.26	28.6	1.13	7	-	-	-
H1	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.3	14:32	7.8	8.37	27.26	28.6	1.12	7	-	-	-
H1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:32	7.66	8.38	27.47	28.6	1.12	5	-	-	-
H1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:33	7.8	8.38	27.65	28.7	1.17	6	-	-	-
CR2	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	10.8	14:45	7.88	8.31	27.54	28.5	1.47	7	-	-	-
CR2	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	10.8	14:46	7.94	8.32	27.69	28.6	1.45	8	-	-	-
CR2	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.9	14:47	8.17	8.32	27.78	28.6	1.45	6	-	-	-
CR2	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.9	14:47	8.15	8.33	27.87	28.6	1.41	6	-	-	-
CR2	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:48	8.01	8.33	27.89	28.6	1.42	5	-	-	-
CR2	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:48	7.99	8.35	27.99	28.6	1.41	5	-	-	-
S3	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	9.4	15:00	7.92	8.36	27.24	28.7	1.49	8	-	-	-
S3	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	9.4	15:01	8.05	8.37	27.17	28.8	1.49	8	-	-	-
S3	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.2	15:01	7.99	8.37	27.14	29.0	1.48	6	-	-	-
S3	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	5.2	15:02	7.95	8.38	27.12	29.0	1.47	7	-	-	-
S3	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:03	8.14	8.39	27.37	29.0	1.44	5	-	-	-
S3	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:03	8.22	8.39	27.48	29.1	1.43	5	-	-	-
CR1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	14.4	15:15	8.37	8.34	27.39	28.6	1.11	10	-	-	-
CR1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	14.4	15:15	8.42	8.34	27.52	28.6	1.1	10	-	-	-
CR1	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	7.7	15:16	8.65	8.34	27.43	28.6	1.1	7	-	-	-
CR1	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	7.7	15:17	8.76	8.35	27.46	28.7	1.11	7	-	-	-
CR1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:17	8.81	8.35	27.67	28.7	1.14	5	-	-	-
CR1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:18	8.8	8.35	27.56	28.8	1.14	5	-	-	-
B3	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.8	15:32	7.94	8.31	27.07	28.4	1.3	6	-	-	-
B3	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.8	15:33	7.85	8.31	26.93	28.4	1.31	6	-	-	-
B3	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:34	7.9	8.31	26.74	28.5	1.32	5	-	-	-
B3	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:34	7.98	8.32	26.76	28.5	1.34	5	-	-	-
B4	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.6	15:43	7.8	8.34	27.15	28.5	1.23	7	-	-	-
B4	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	3.6	15:44	7.97	8.33	27.24	28.7	1.27	8	-	-	-

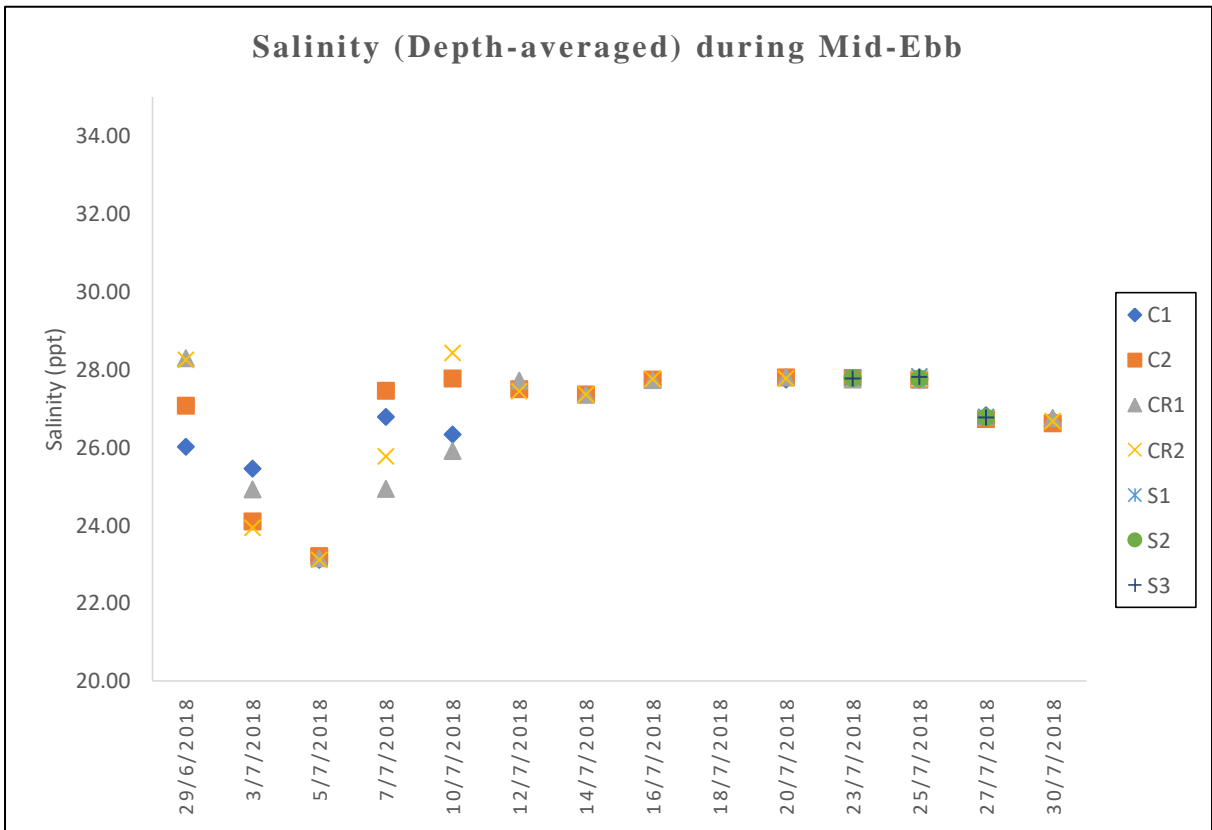
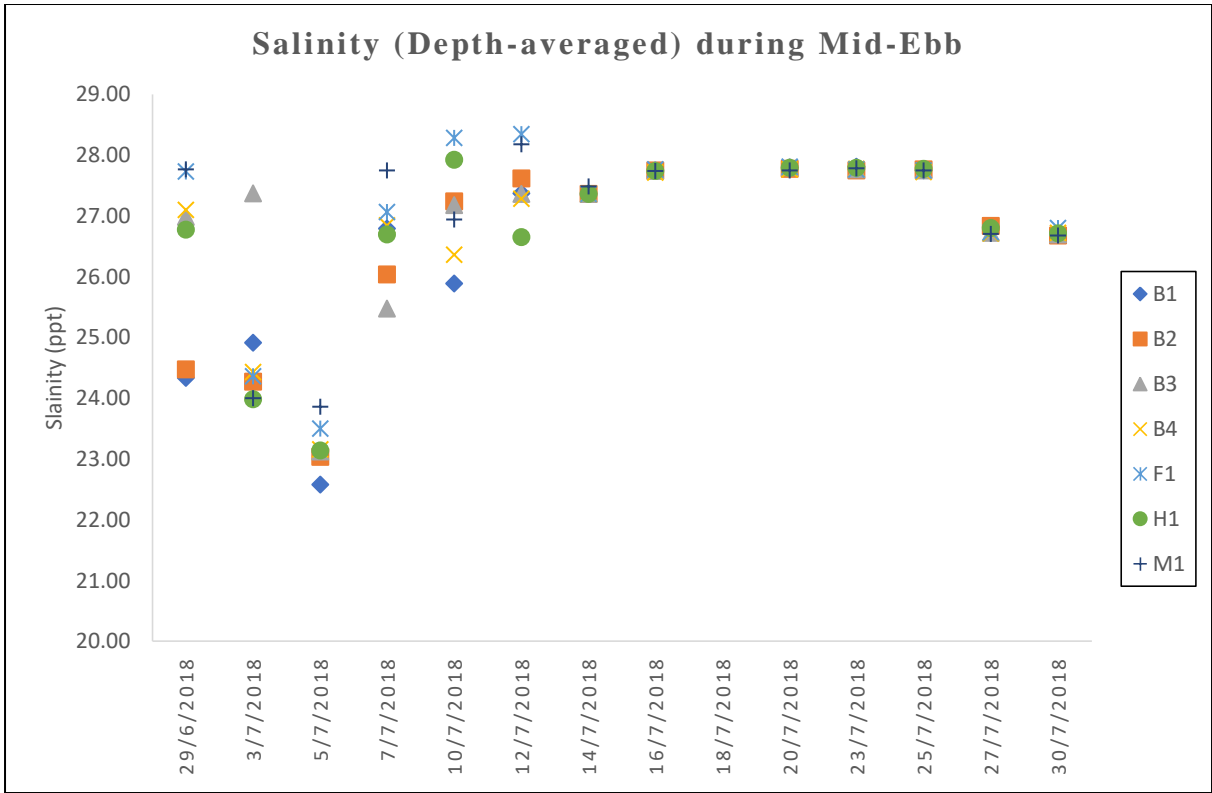
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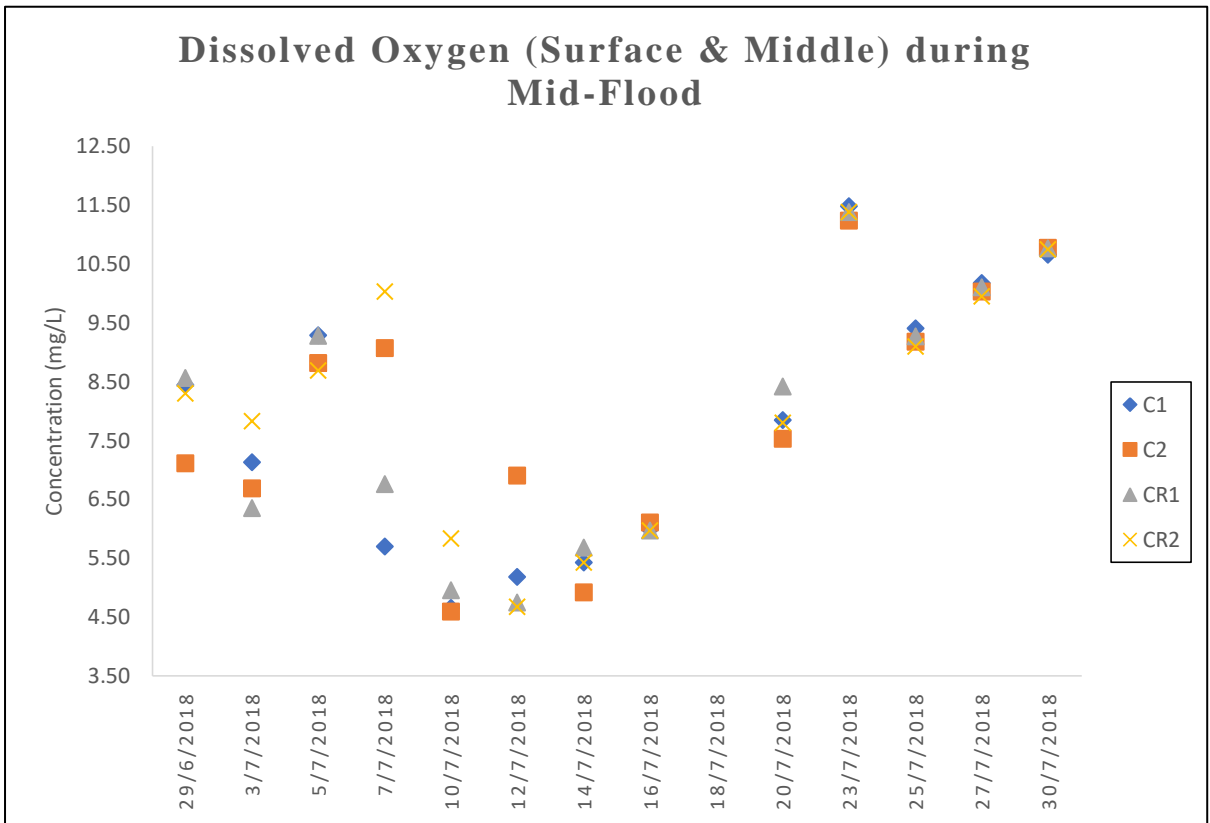
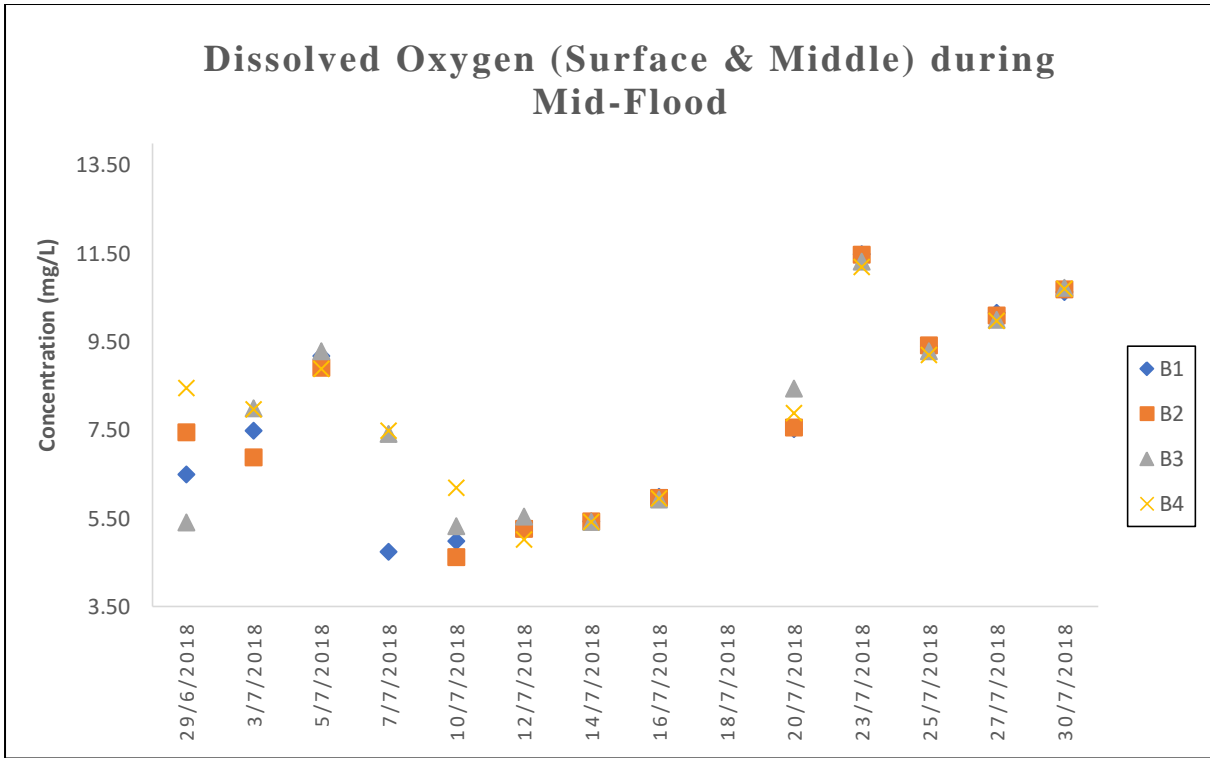
Location	Date	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) note 2	Current Velocity note 2	Direction in NESW note 2
B4	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:44	8.02	8.34	27.39	28.8	1.31	6	-	-	-
B4	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:45	8.11	8.35	27.28	28.8	1.31	6	-	-	-
C2	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	6.2	15:57	8.02	8.34	27.06	28.5	1.09	6	-	-	-
C2	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	6.2	15:58	7.84	8.34	27.15	28.5	1.11	7	-	-	-
C2	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.6	15:59	7.93	8.33	27.31	28.5	1.11	6	-	-	-
C2	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.6	15:59	8.08	8.34	27.41	28.5	1.12	6	-	-	-
C2	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:00	7.95	8.34	27.47	28.6	1.09	5	-	-	-
C2	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:00	7.96	8.34	27.44	28.6	1.05	5	-	-	-
F1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.6	16:17	8.03	8.32	26.85	28.4	1.15	6	-	-	-
F1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	5.6	16:18	8.06	8.34	26.82	28.4	1.15	6	-	-	-
F1	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.3	16:18	8.21	8.34	26.93	28.4	1.14	5	-	-	-
F1	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	3.3	16:19	8.4	8.34	26.91	28.4	1.11	6	-	-	-
F1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:20	8.52	8.33	26.94	28.5	1.13	4	-	-	-
F1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:20	8.43	8.34	26.83	28.5	1.11	4	-	-	-
M1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	7.6	16:34	8.13	8.32	27.49	28.5	1.19	6	-	-	-
M1	31/8/2018	Cloudy	Moderate	Mid-Ebb	B	7.6	16:34	8.12	8.31	27.7	28.6	1.18	6	-	-	-
M1	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	4.3	16:35	8.15	8.32	27.66	28.6	1.22	5	-	-	-
M1	31/8/2018	Cloudy	Moderate	Mid-Ebb	M	4.3	16:36	8.26	8.32	27.81	28.6	1.19	4	-	-	-
M1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:36	8.26	8.31	27.96	28.7	1.17	5	-	-	-
M1	31/8/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:37	8.3	8.32	28.11	28.6	1.15	4	-	-	-

Remarks:

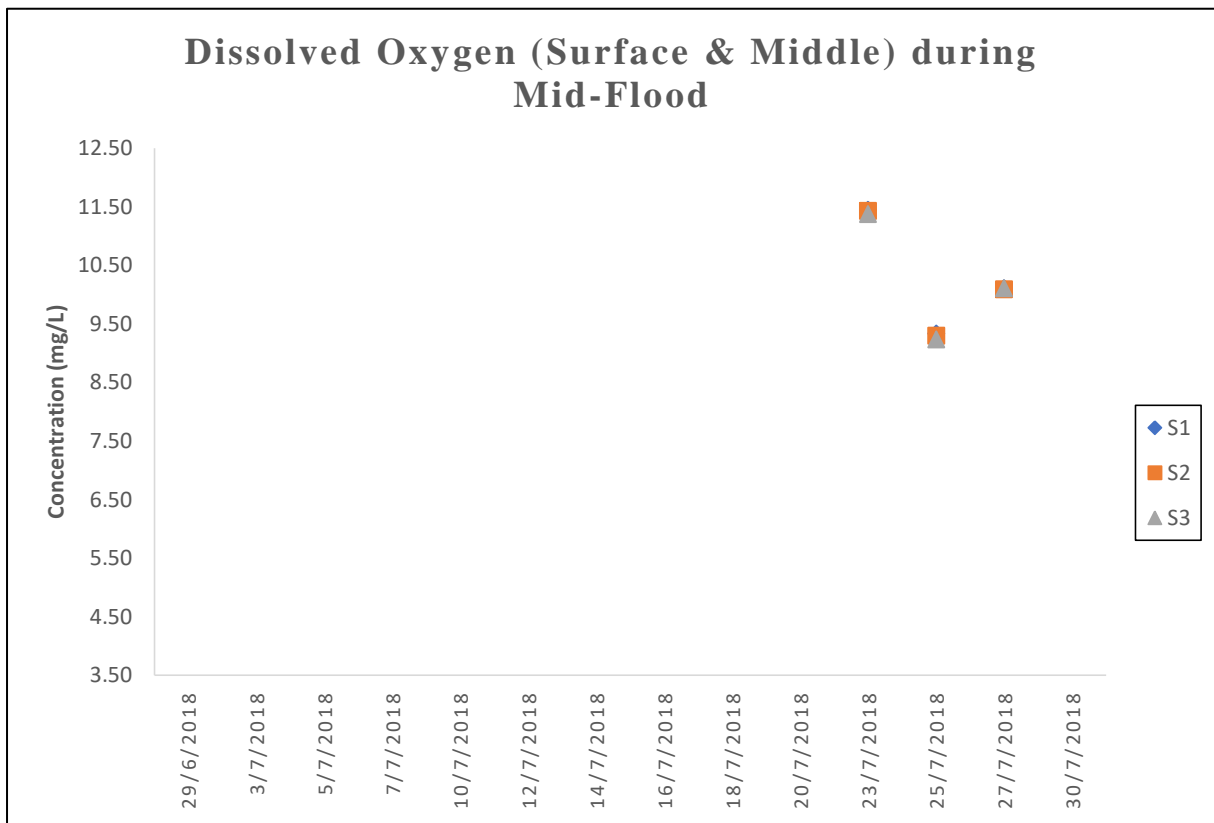
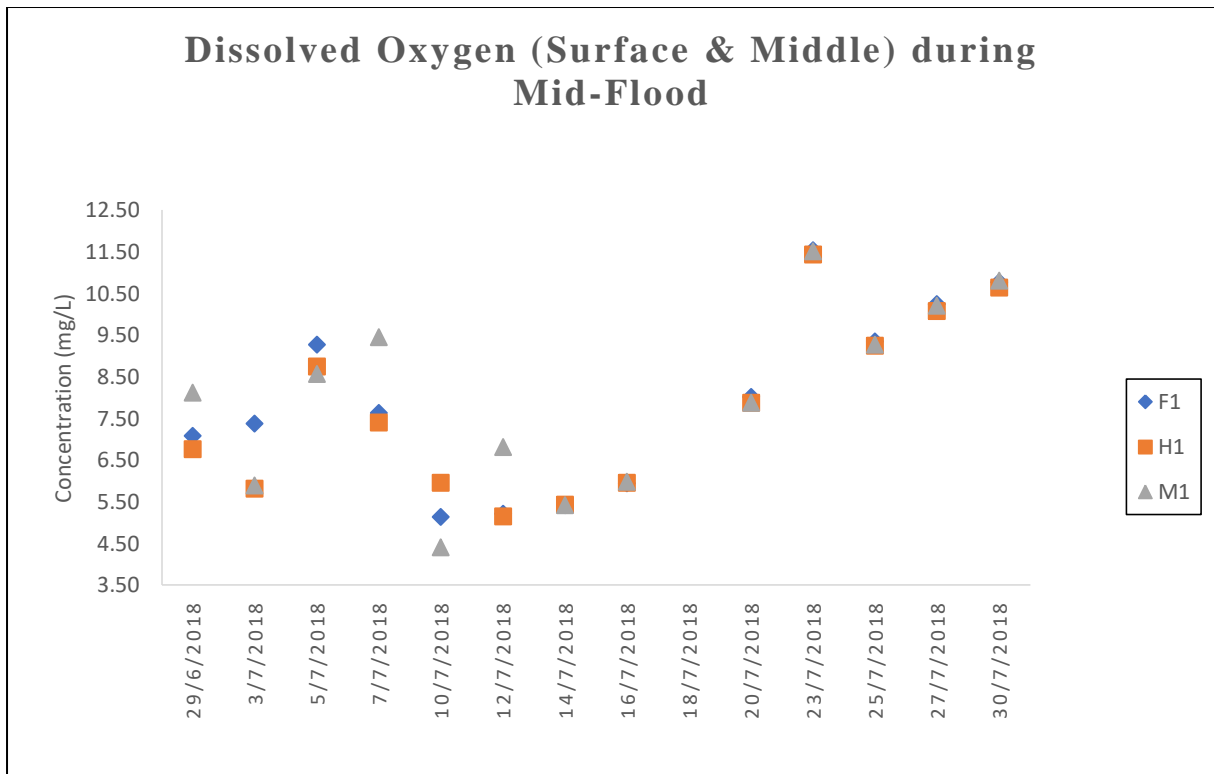
note 1: S – Surface M – Middle B – Bottom

note 2: Measurements of current velocity, total alkalinity tests and detections of current direction were only conducted during DCM work period referring to master programme.

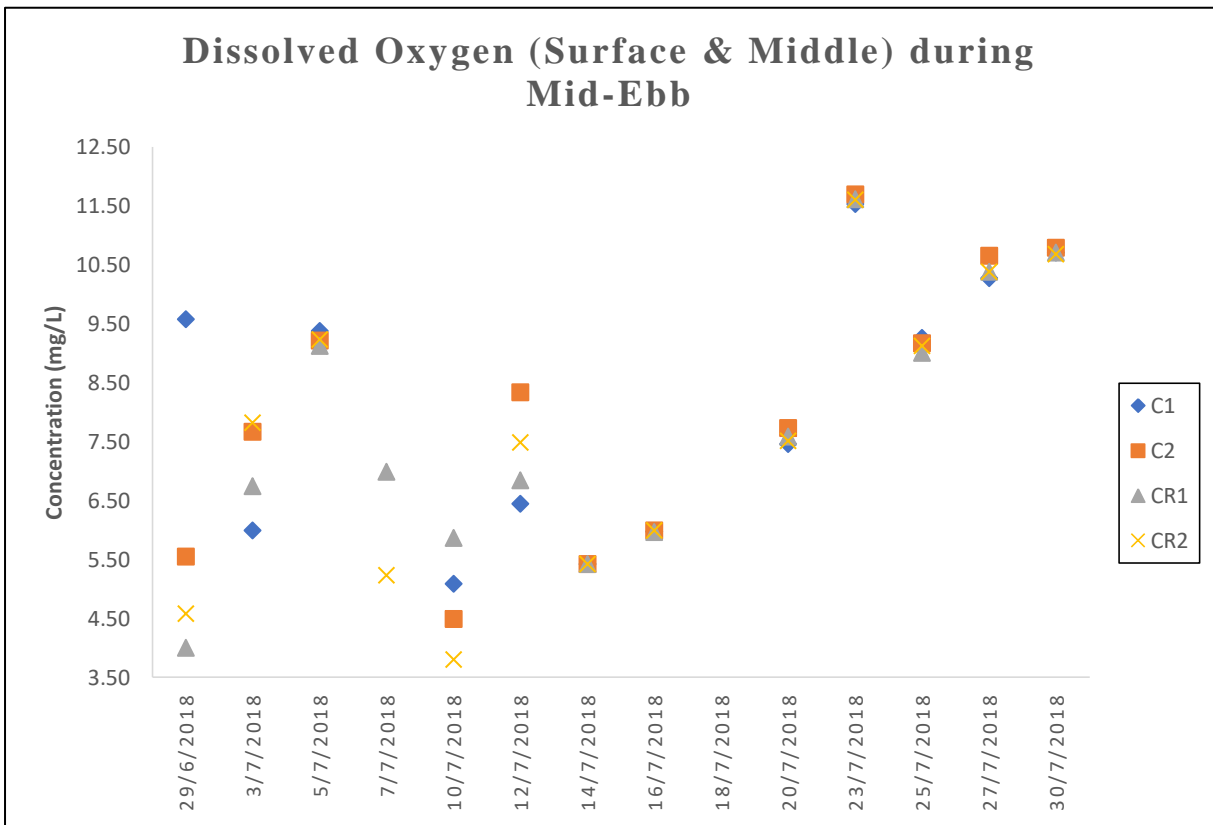
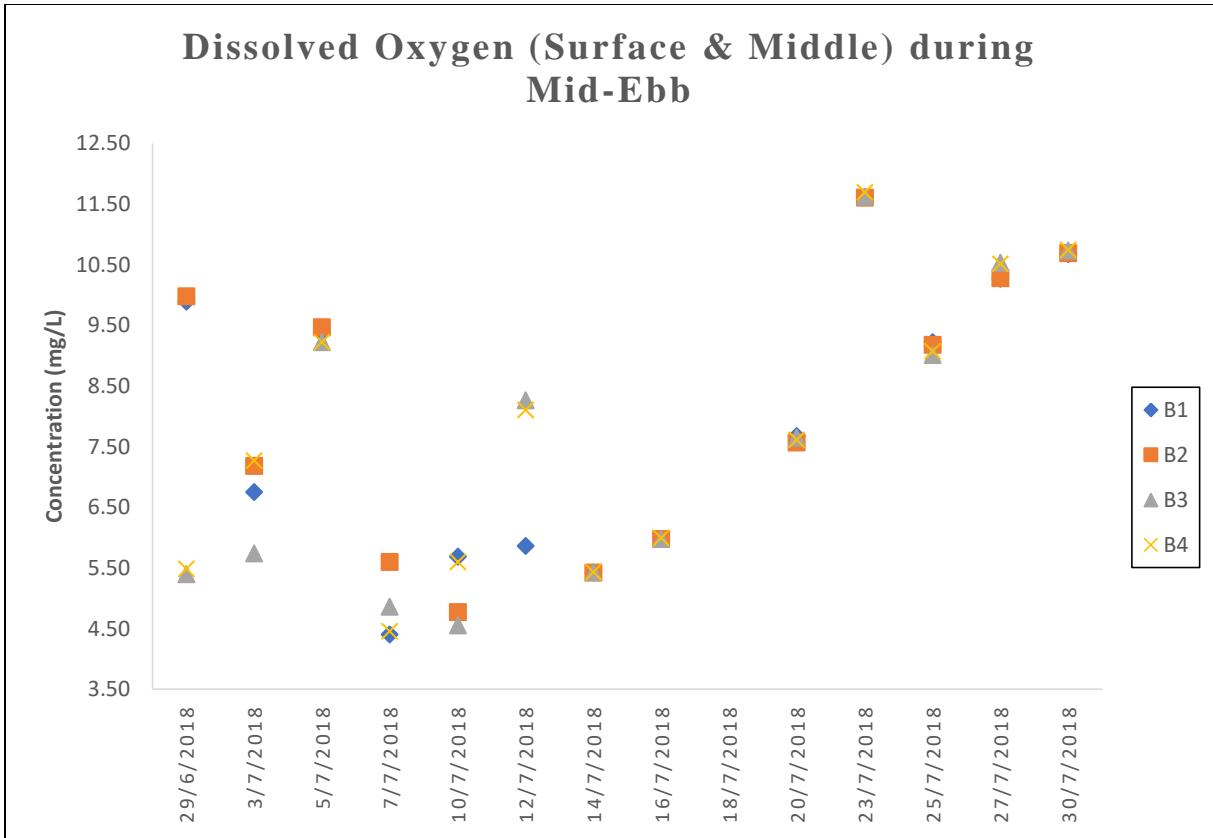




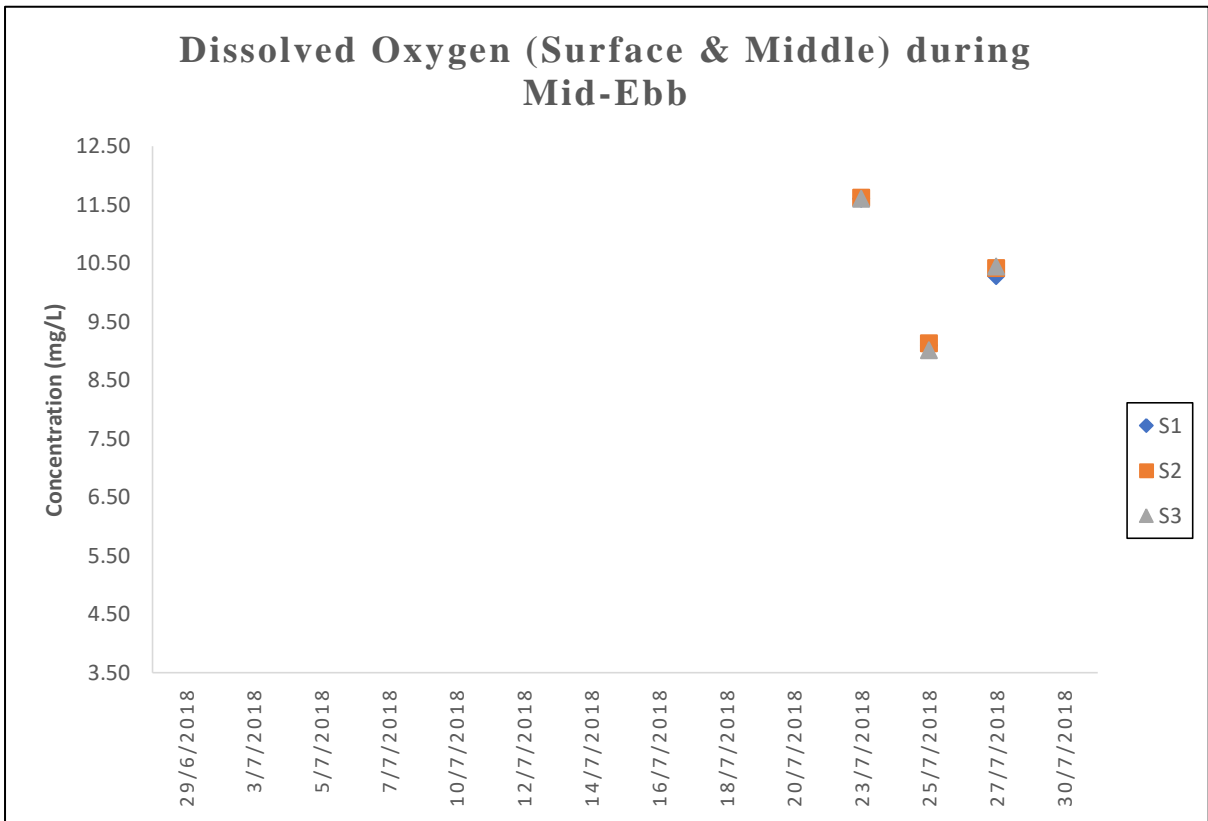
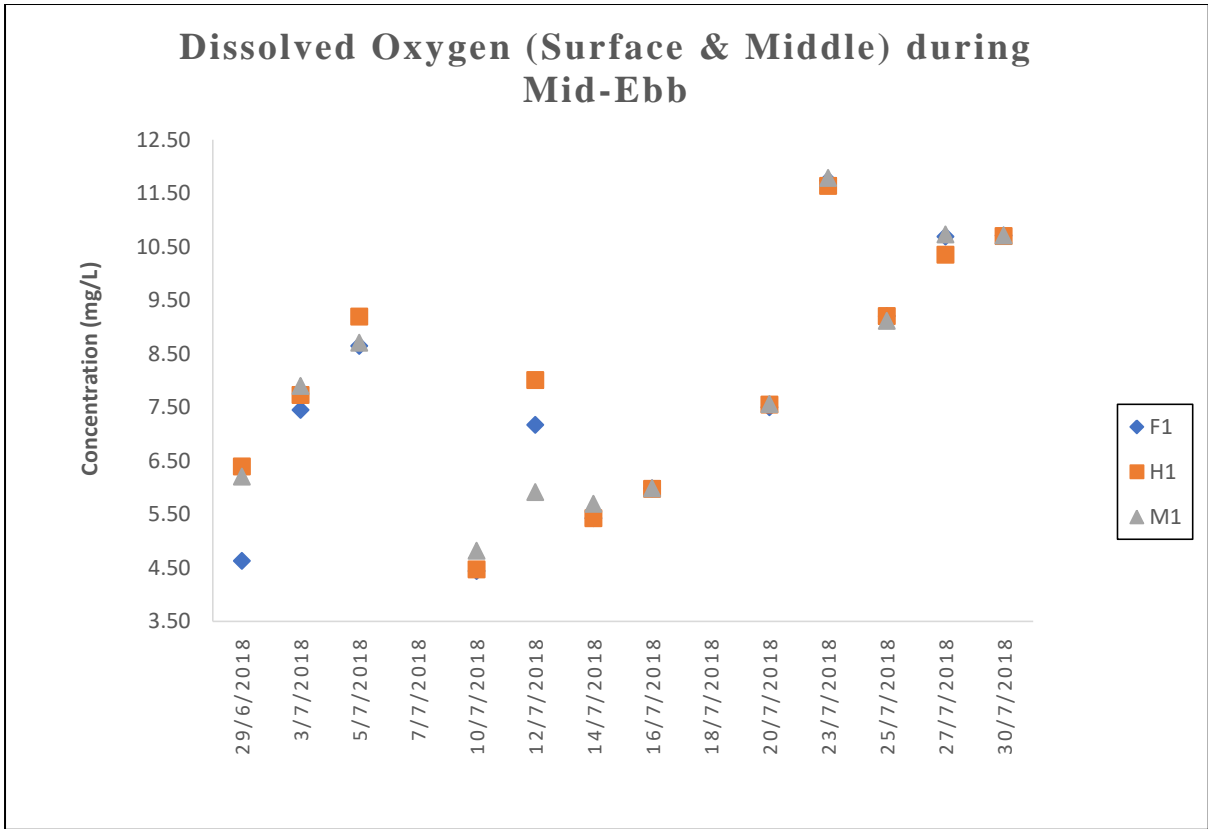
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



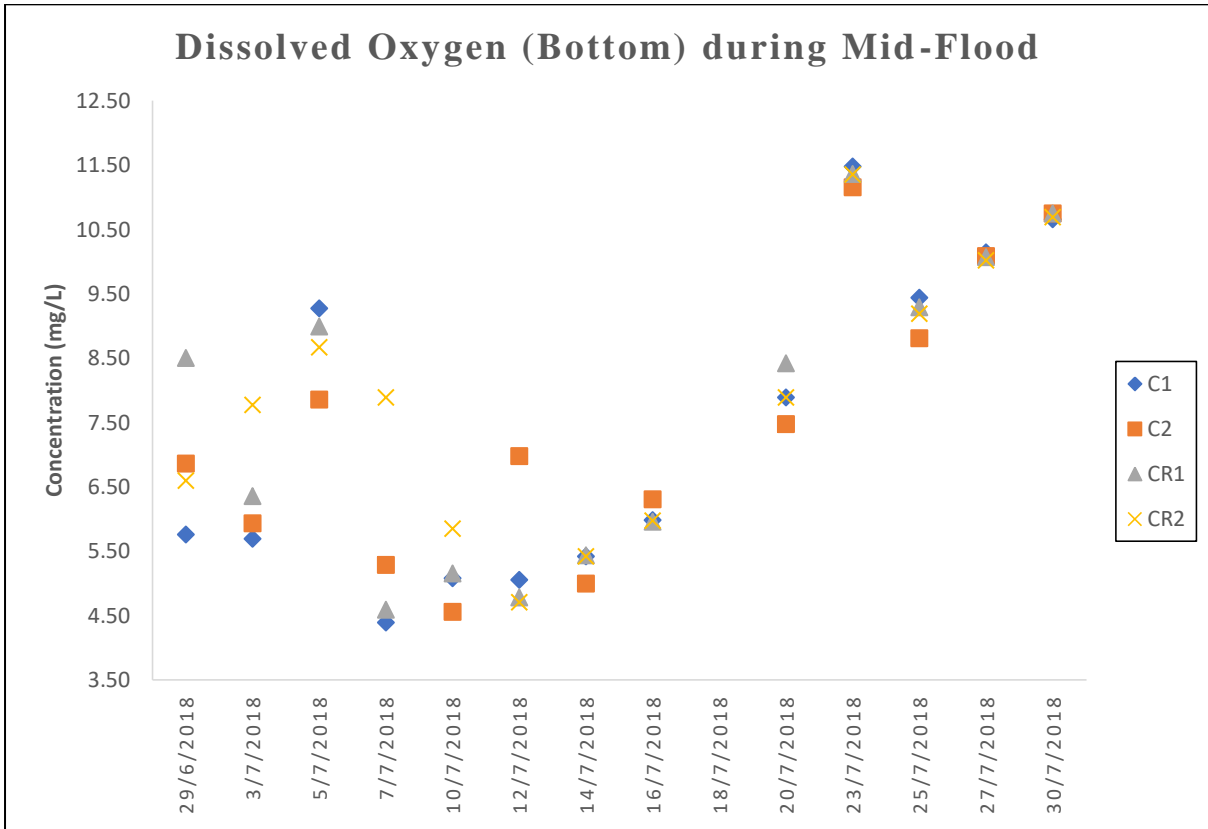
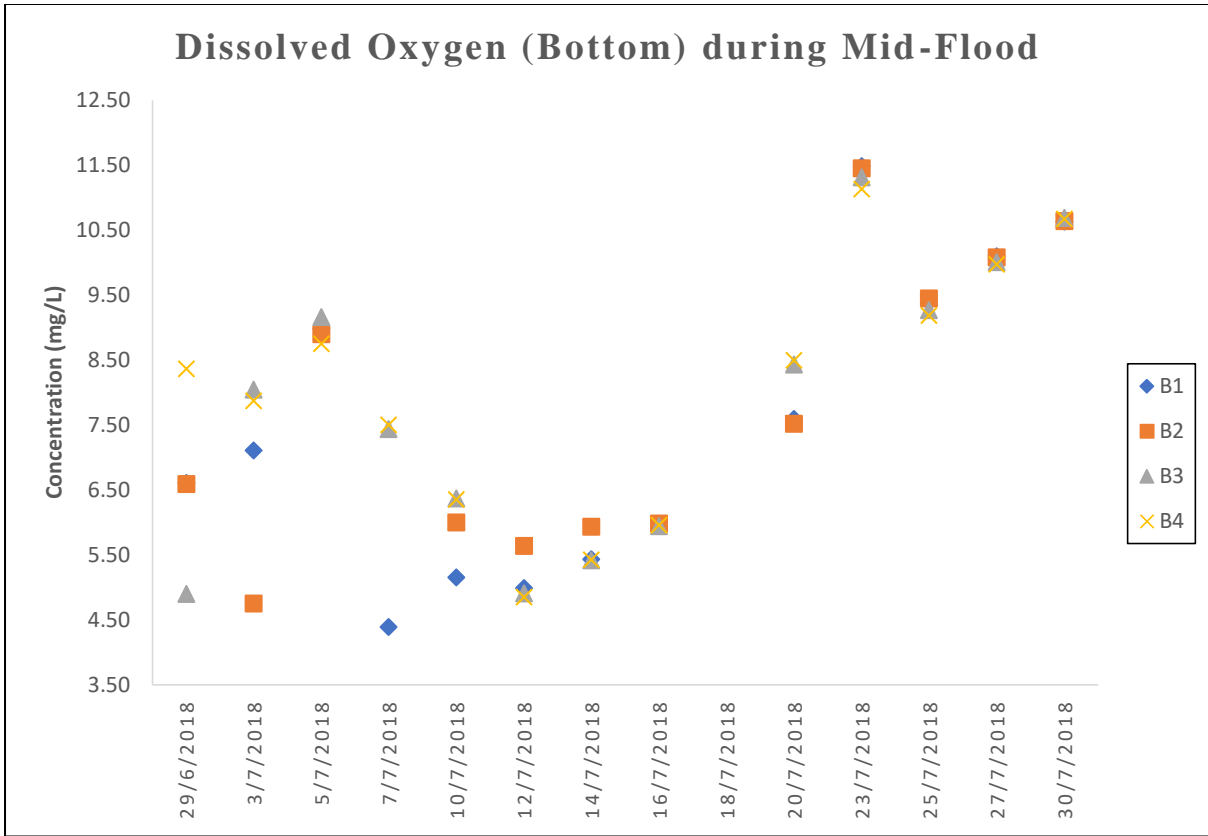
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



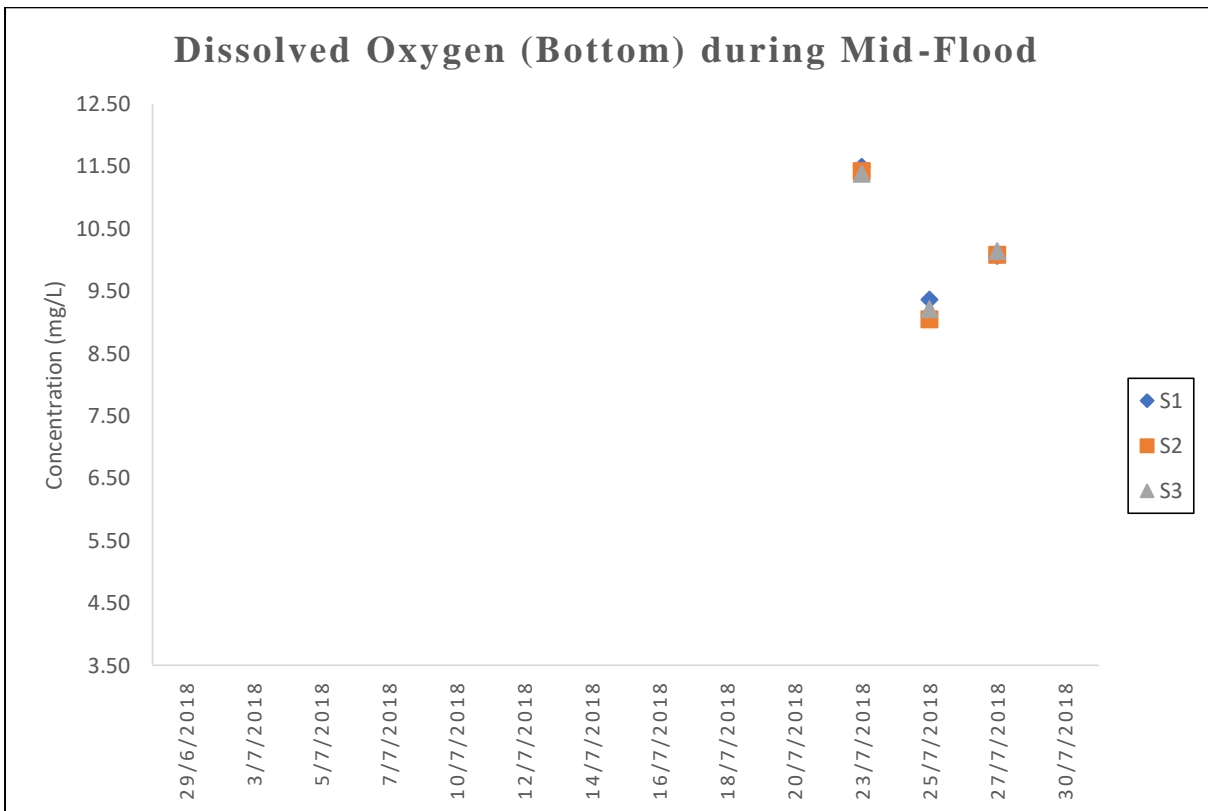
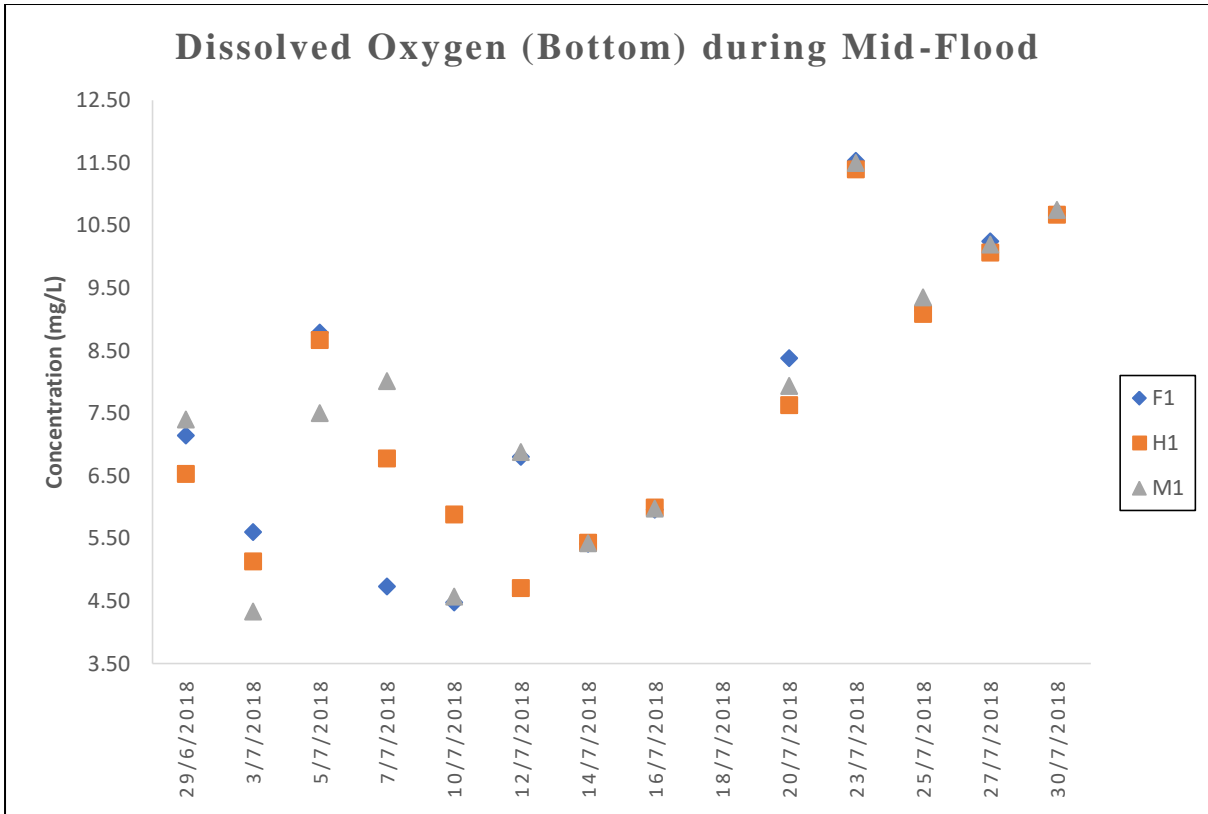
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



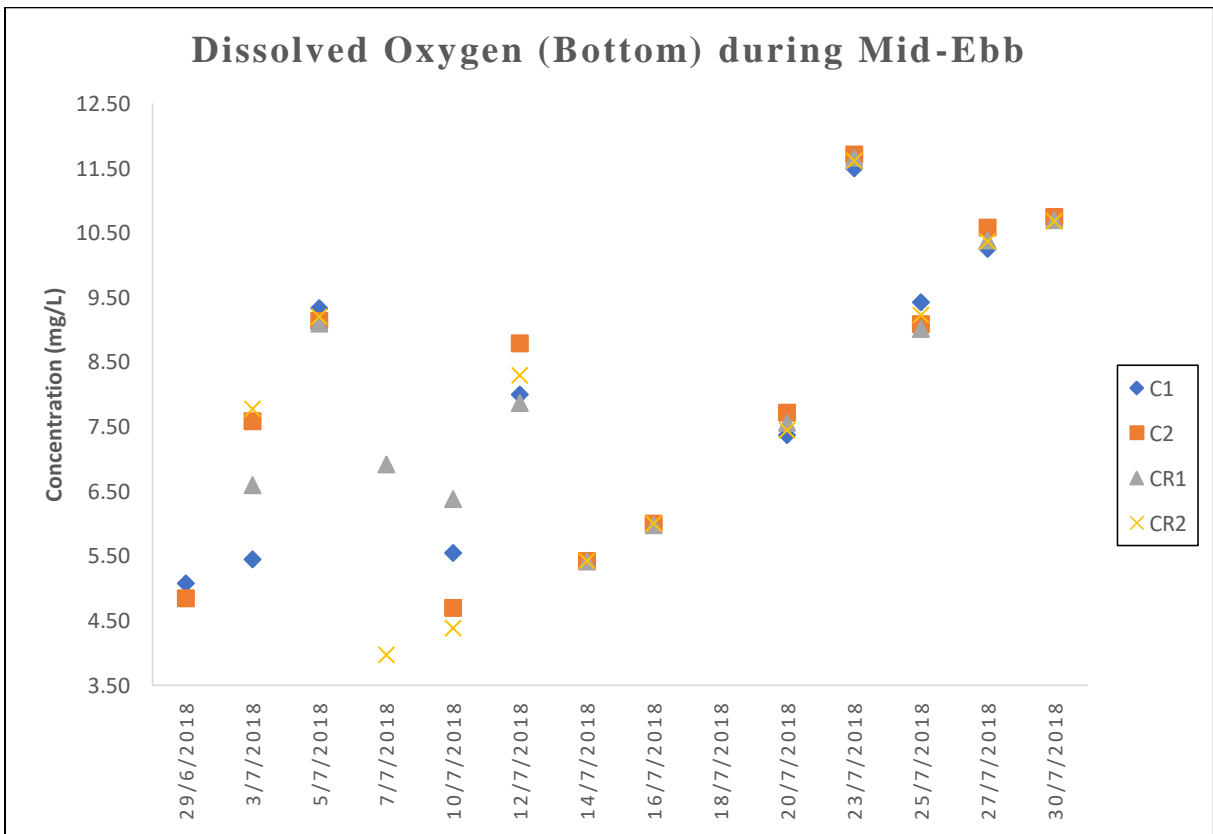
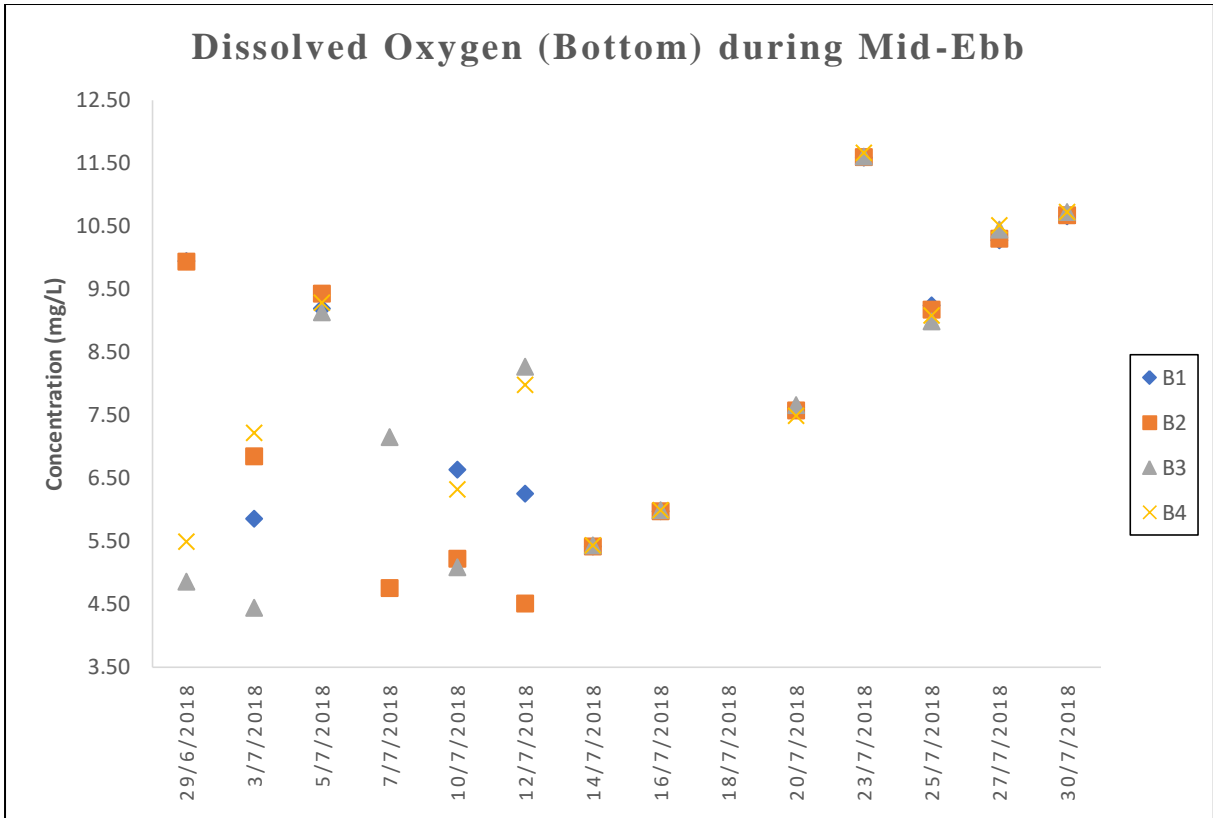
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



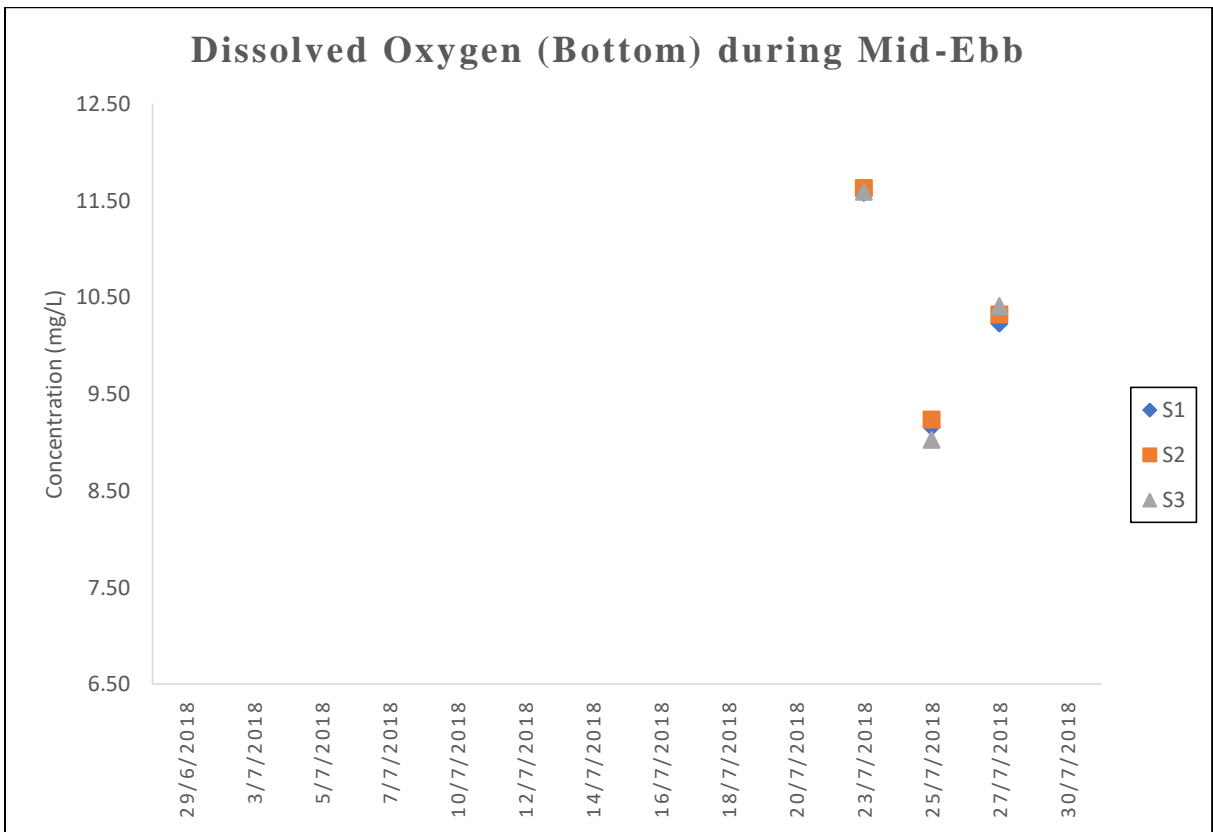
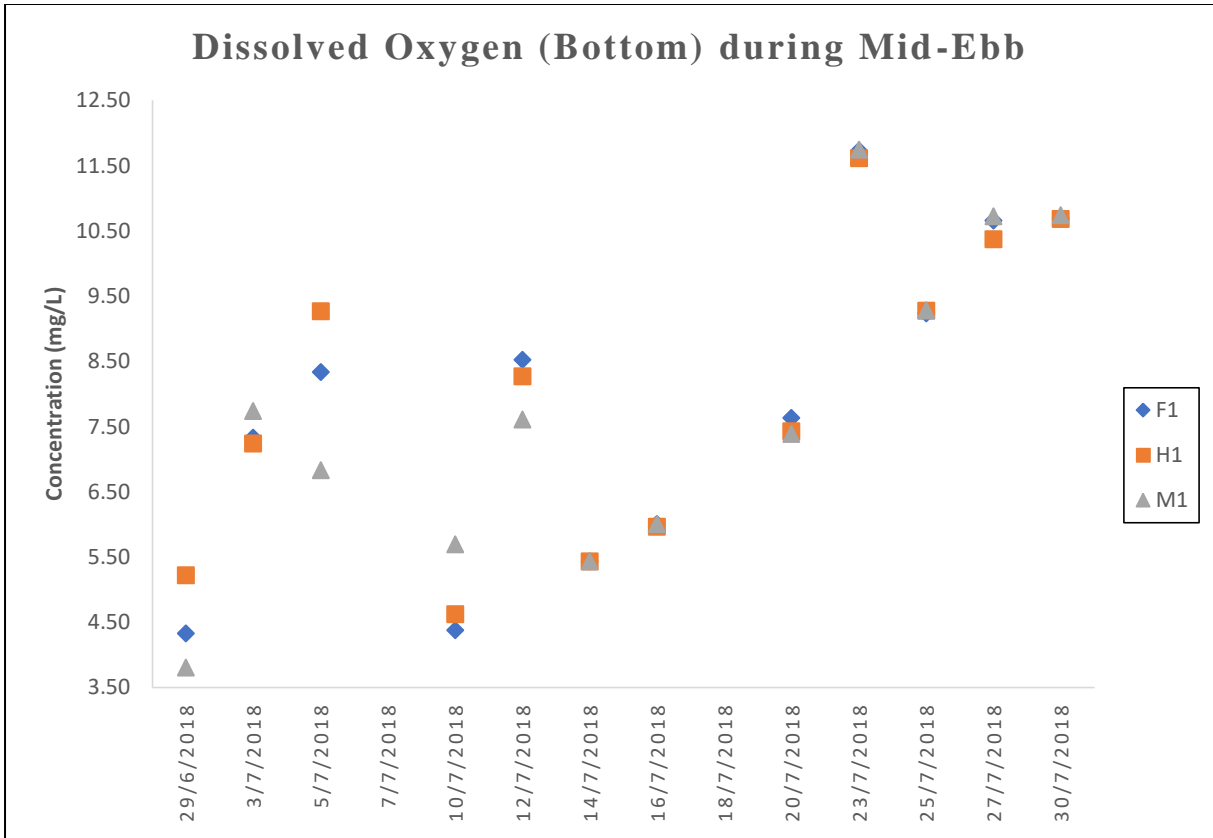
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



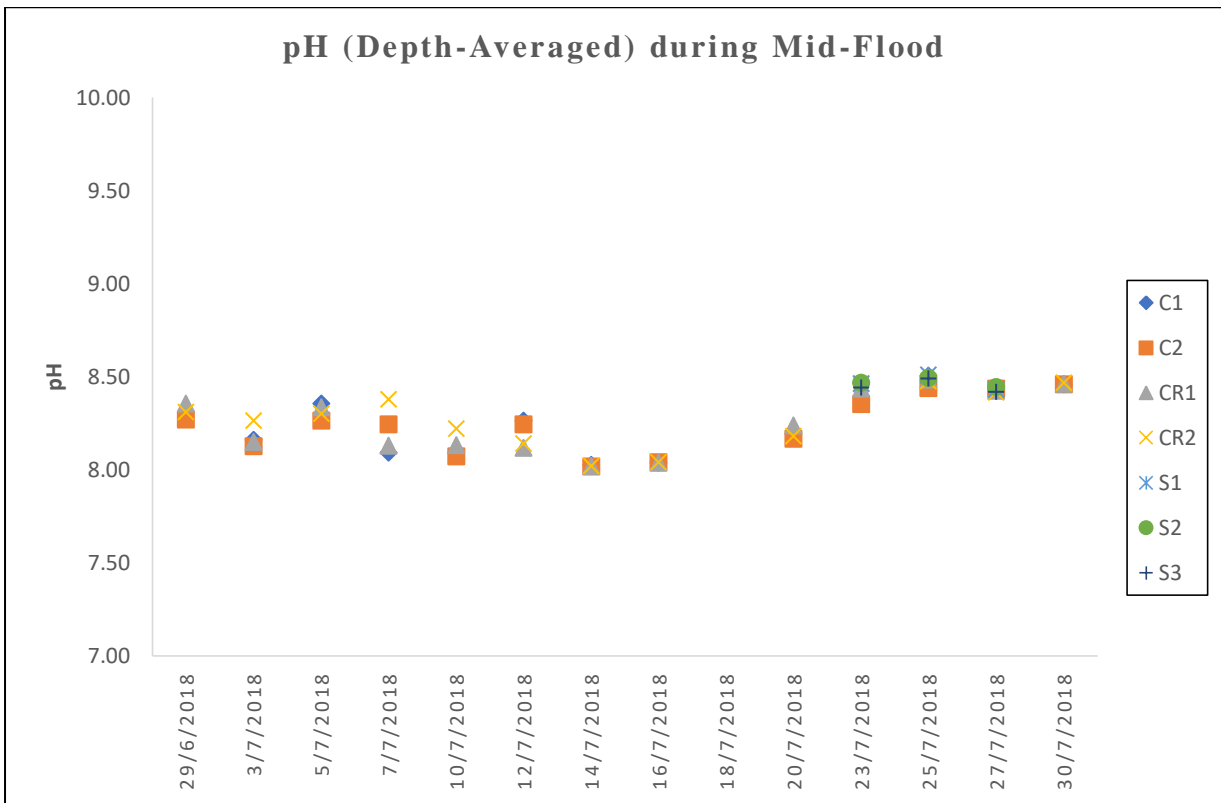
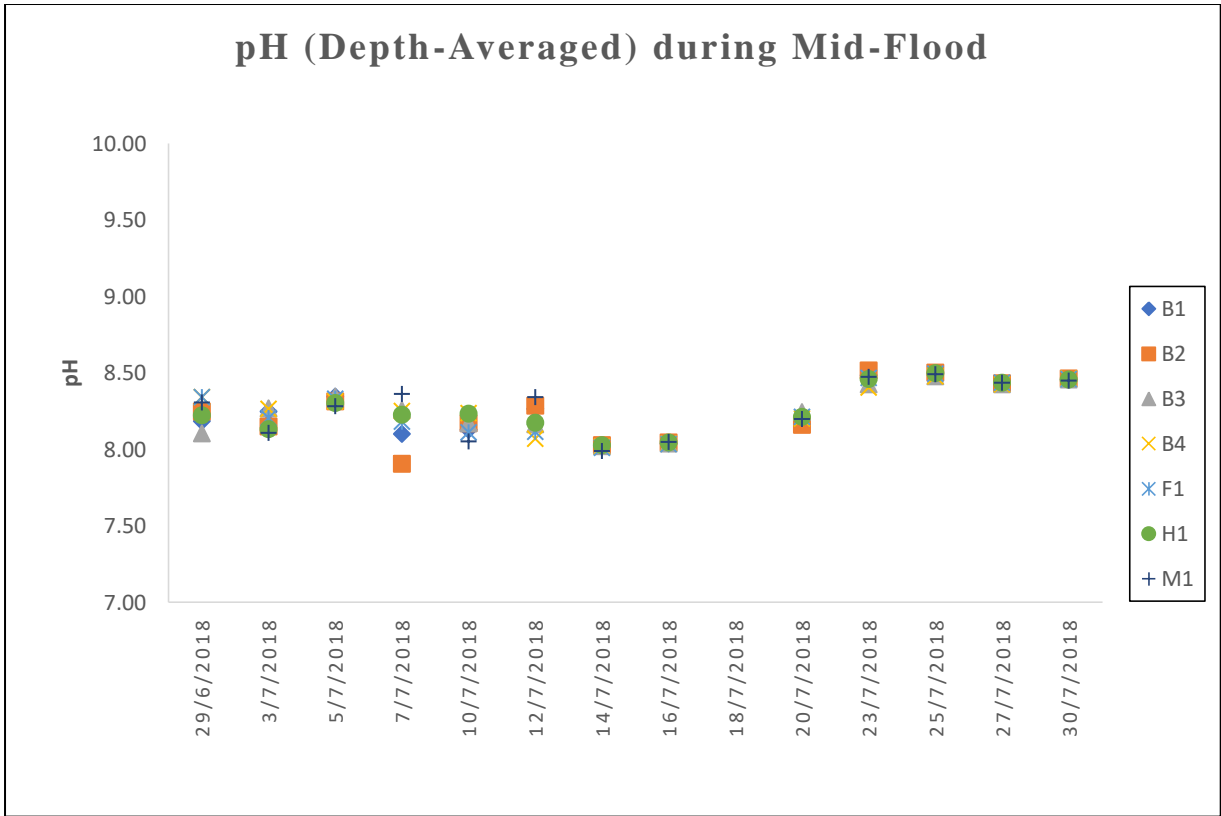
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



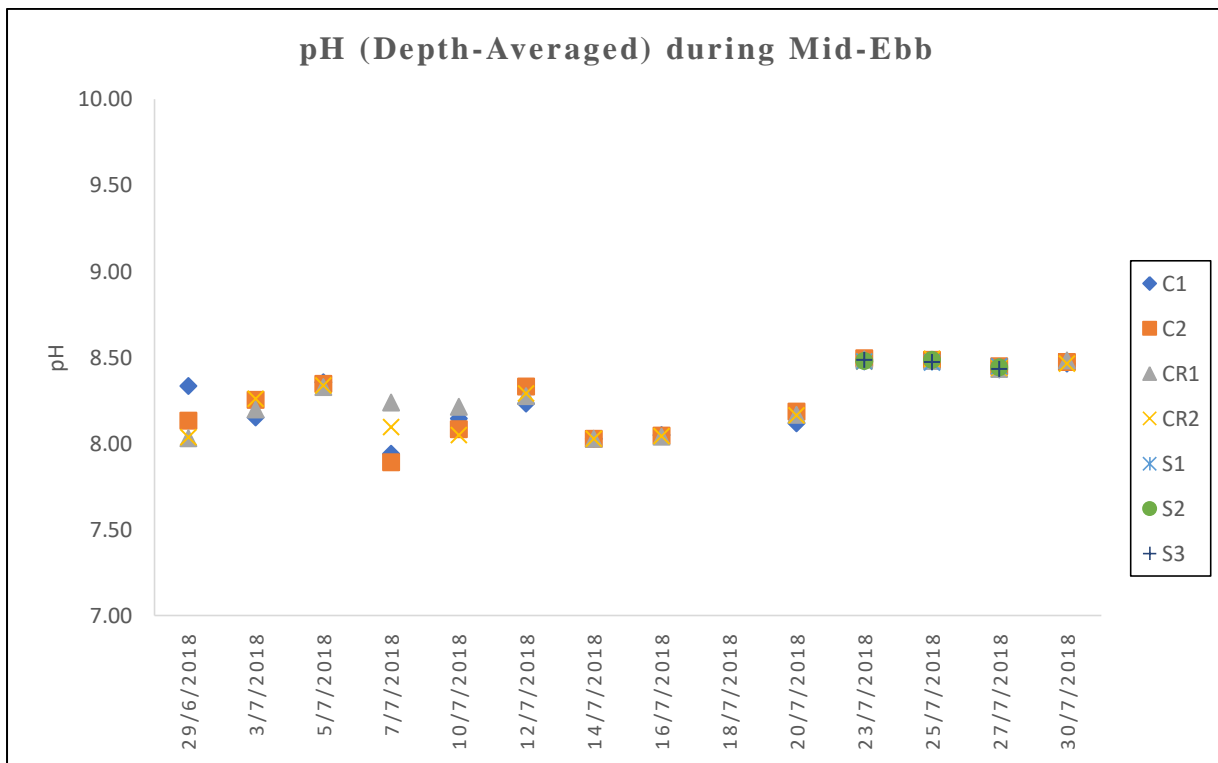
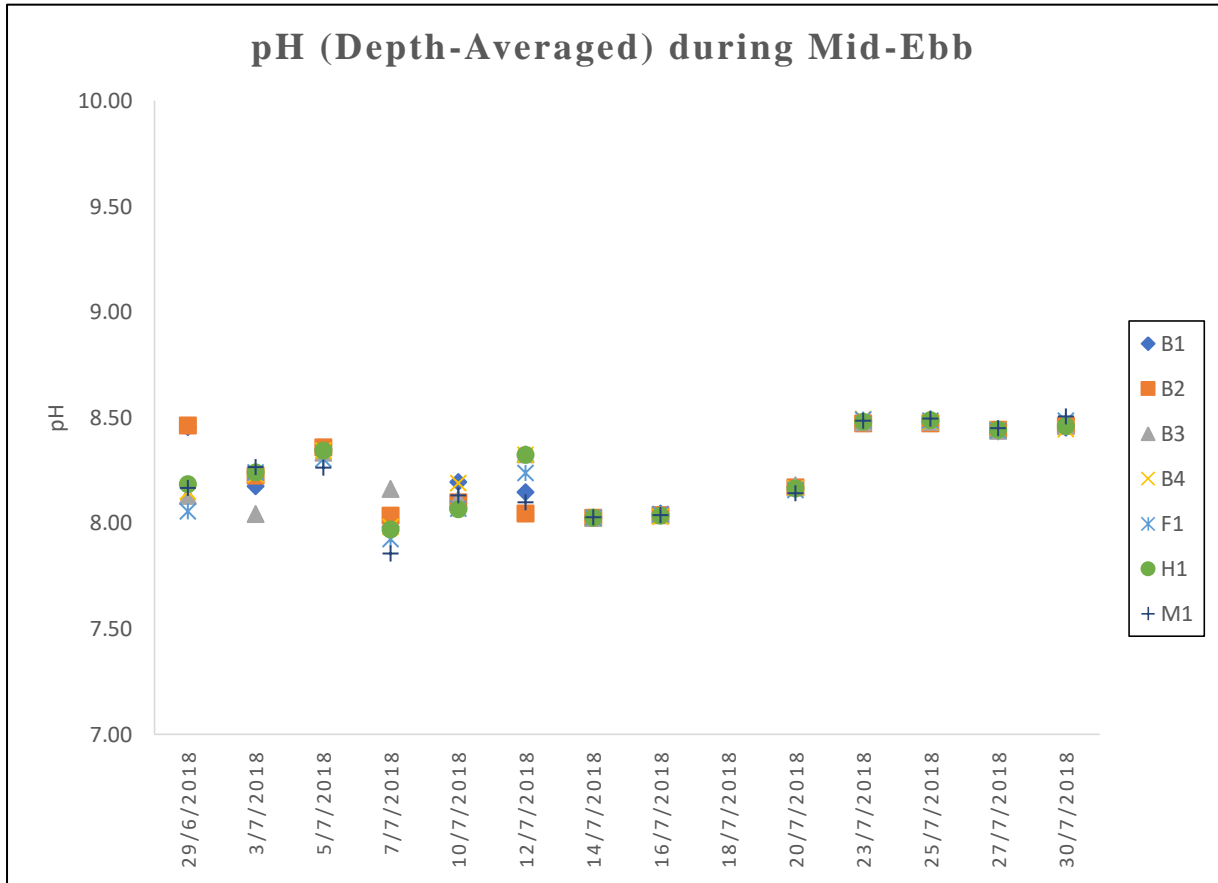
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



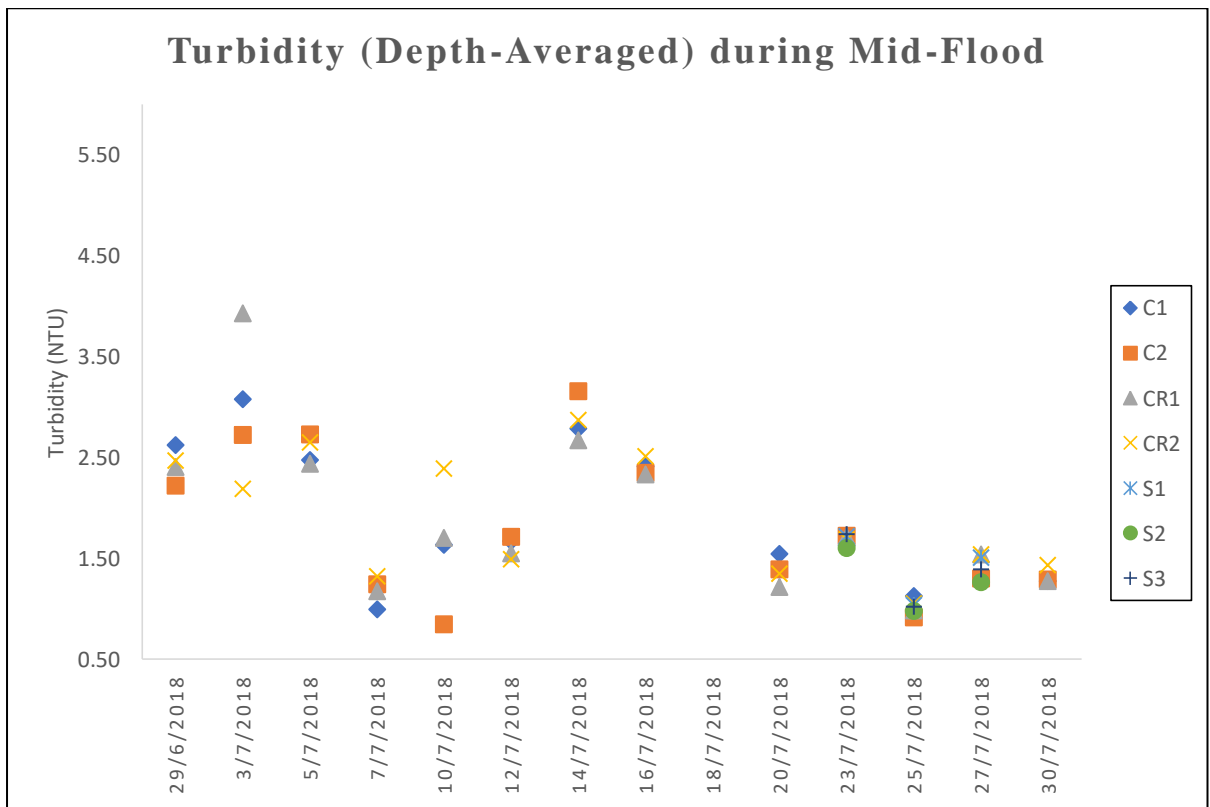
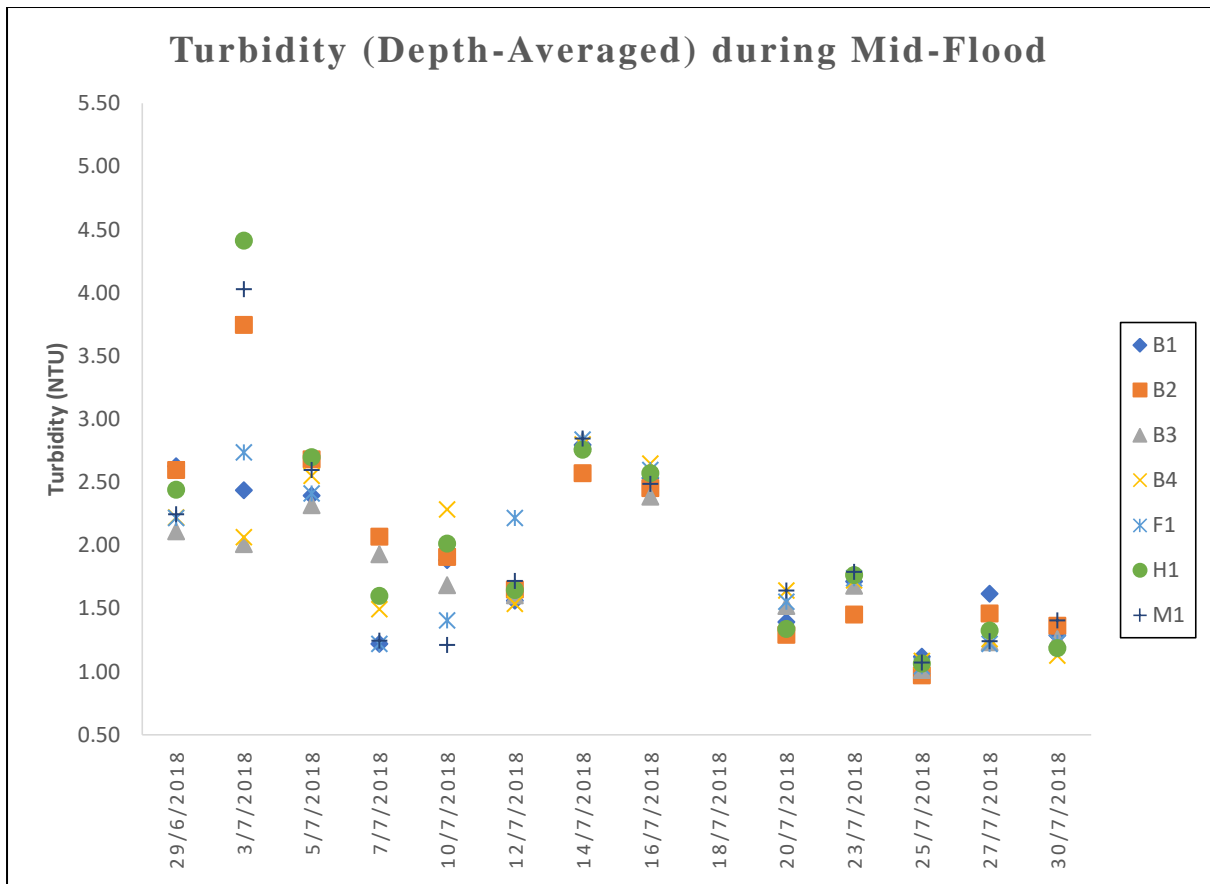
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



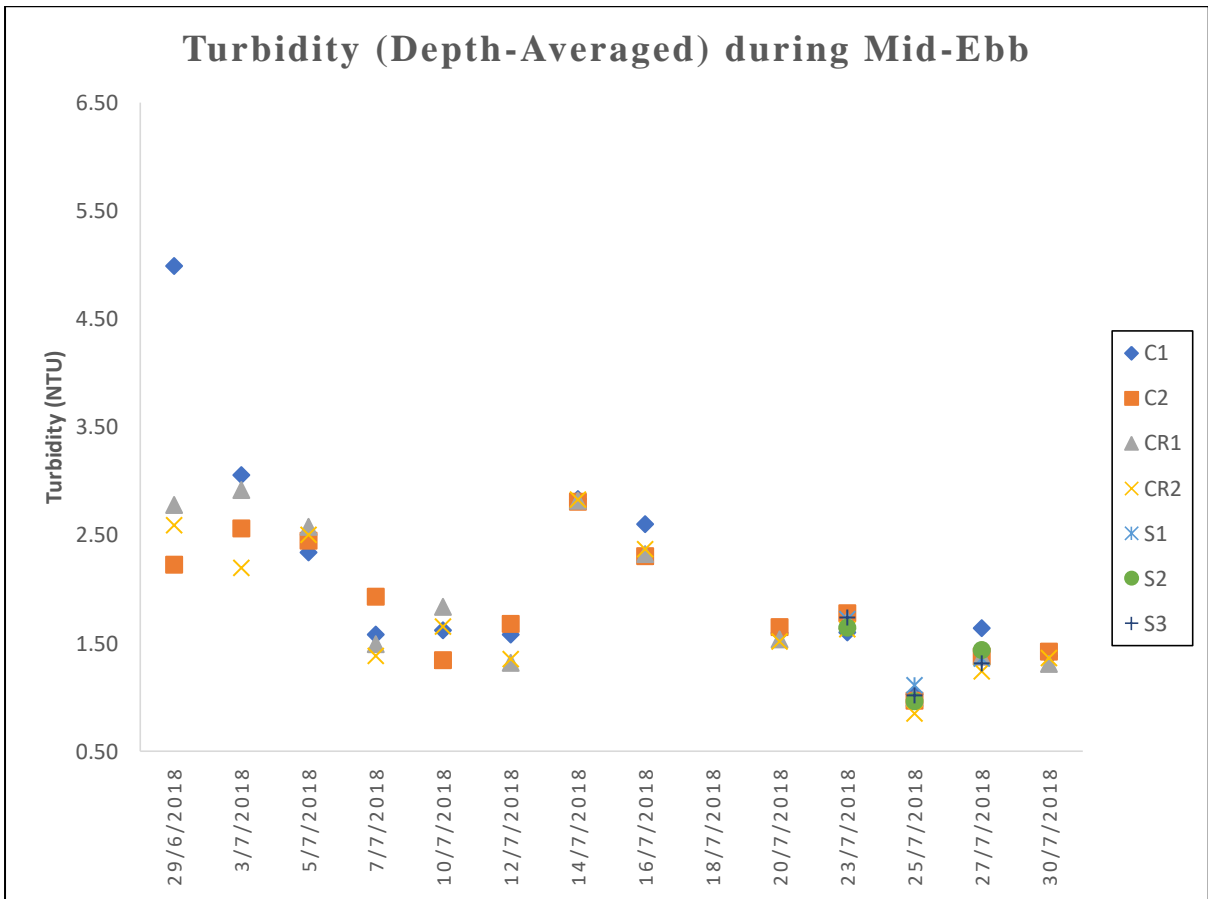
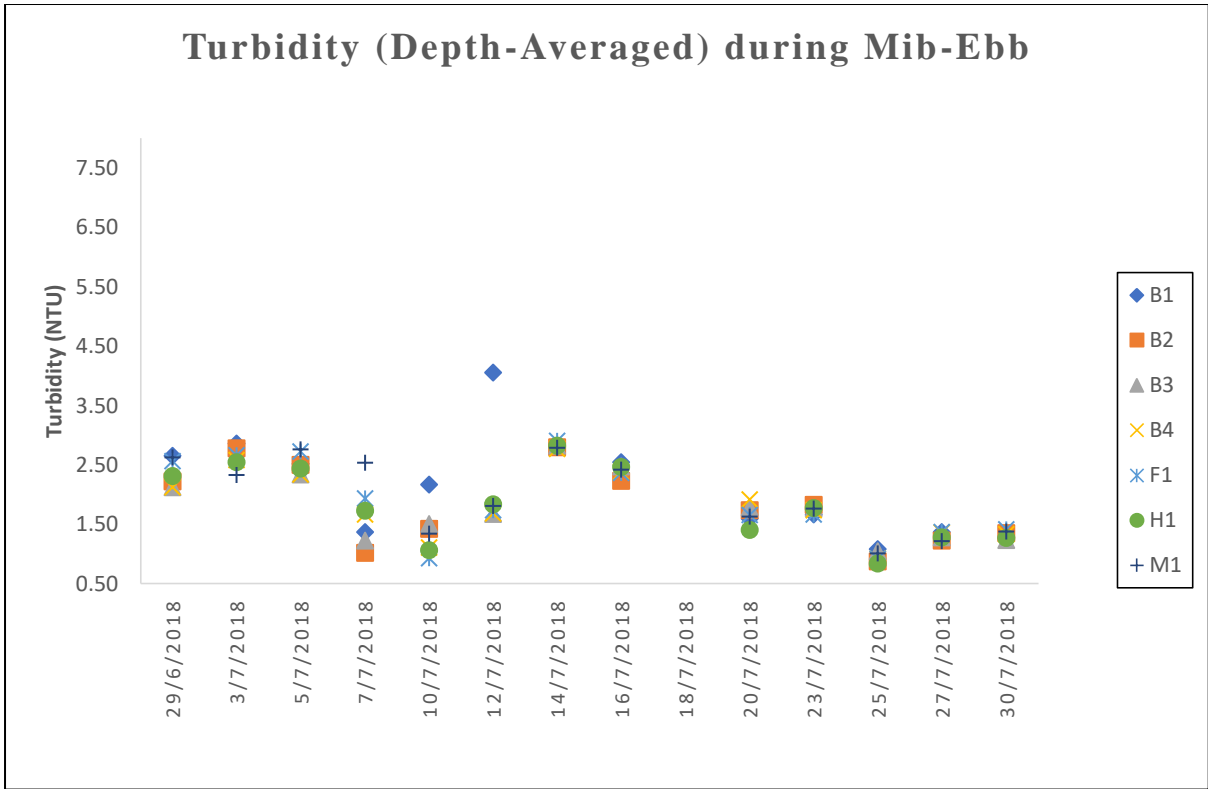
Note: The Action and Limit Level of pH can be referred to **Table 2.7** of the monthly EM & A report.



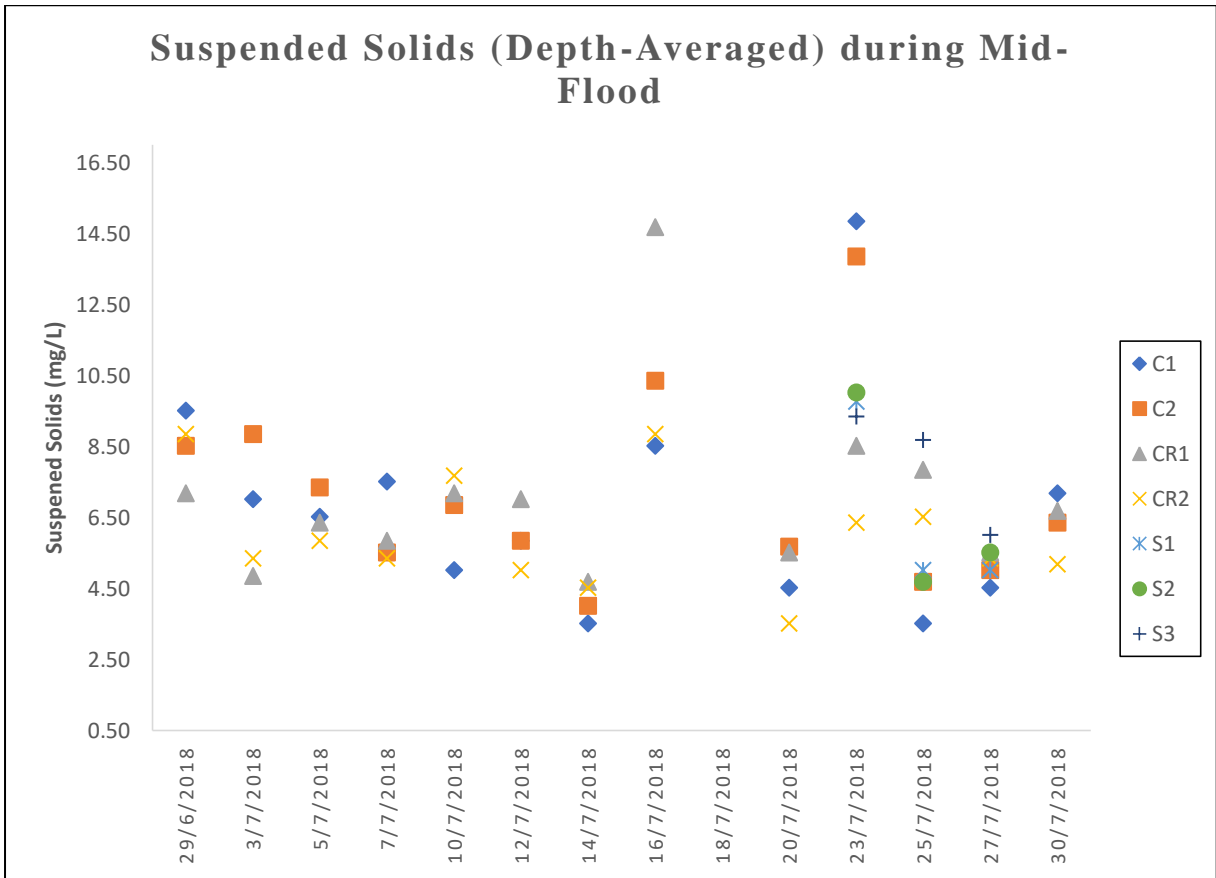
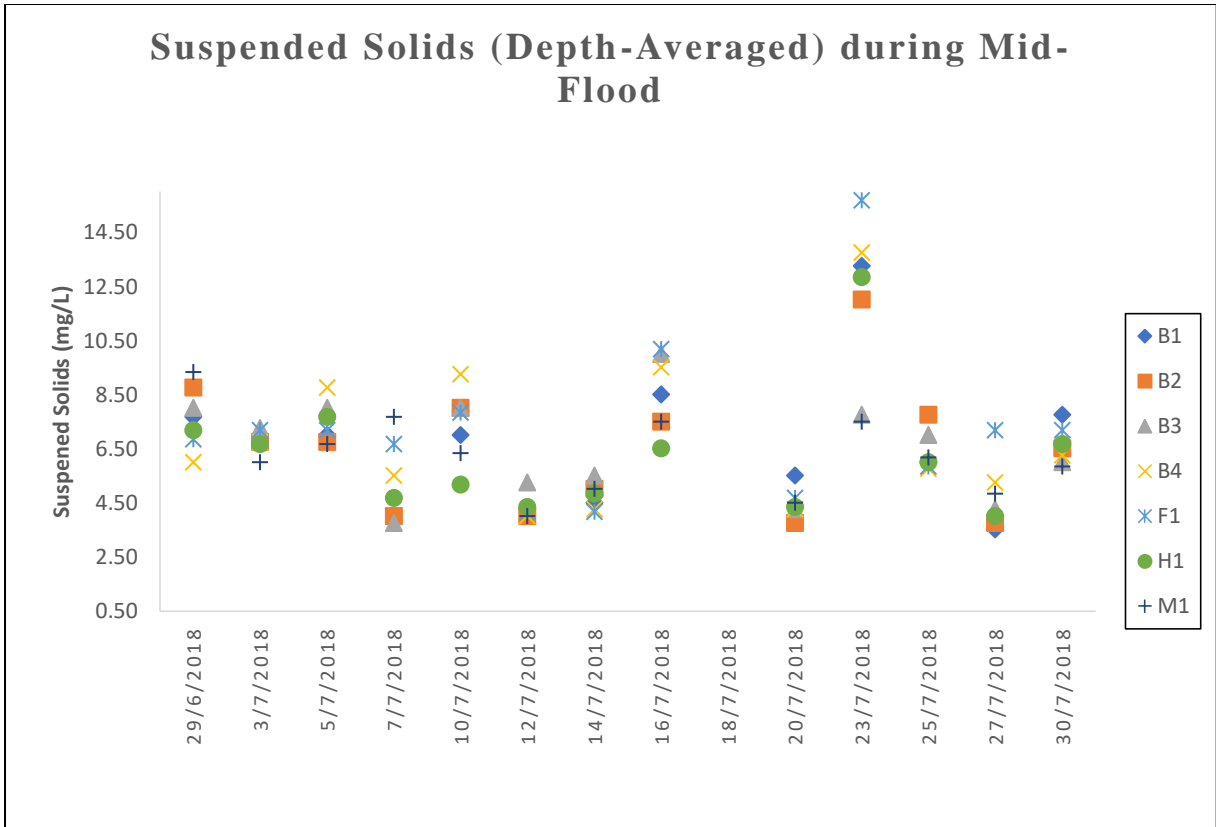
Note: The Action and Limit Level of pH can be referred to **Table 2.7** of the monthly EM & A report.



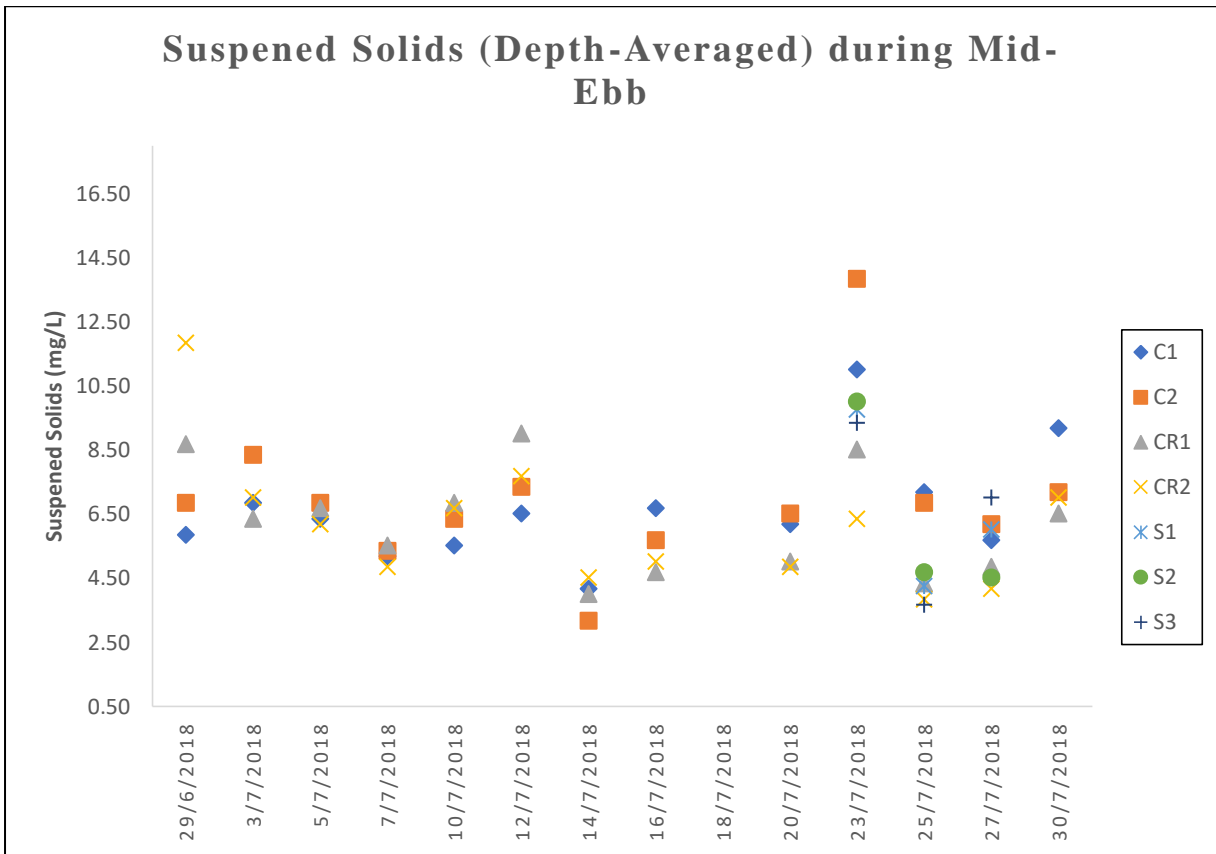
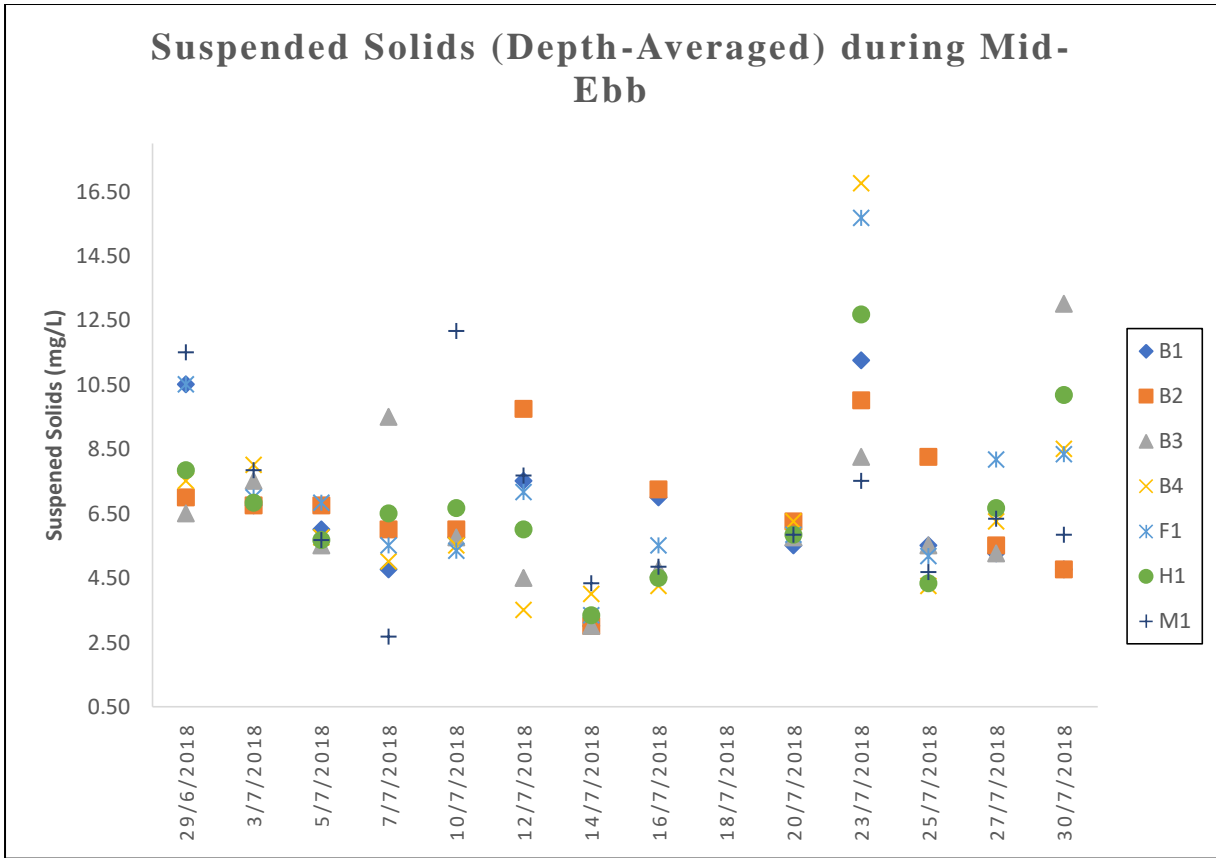
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



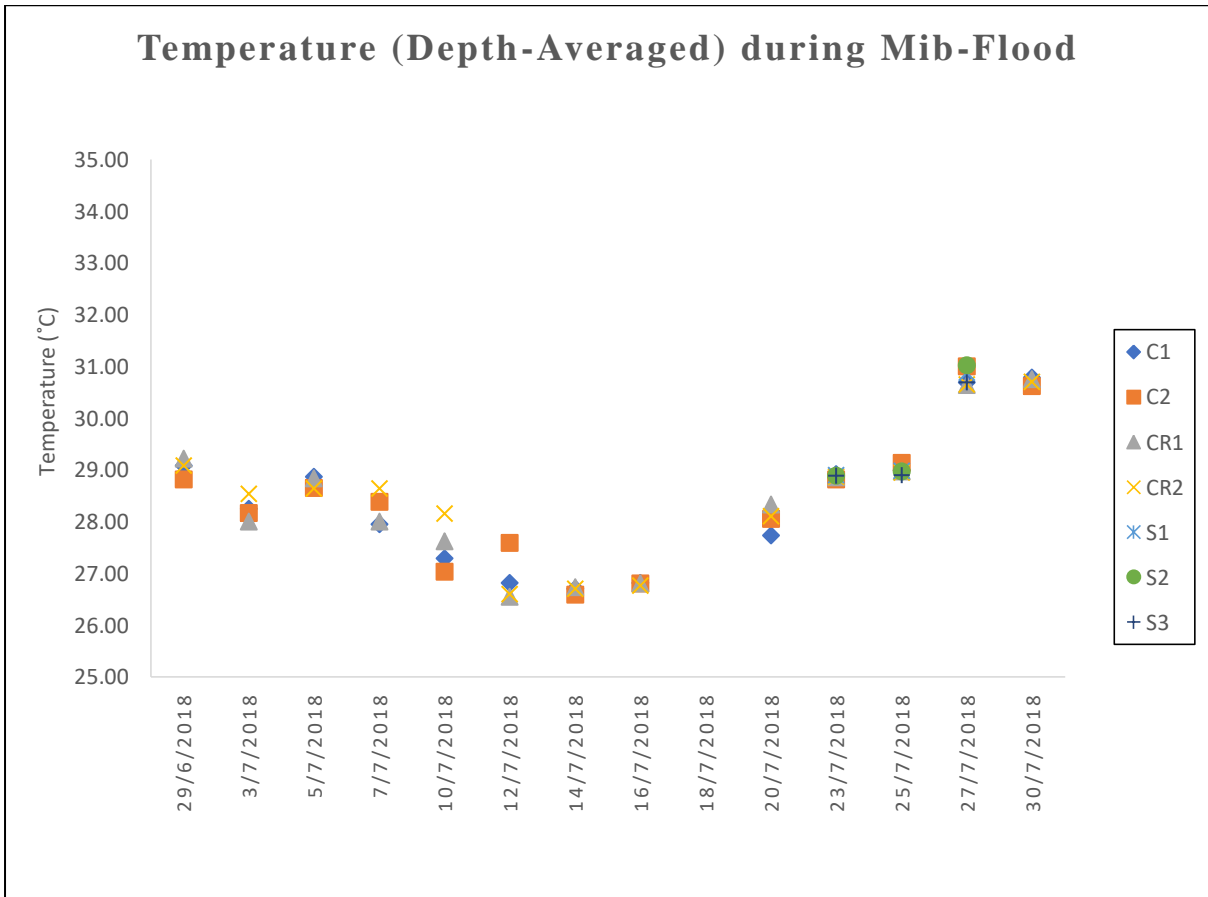
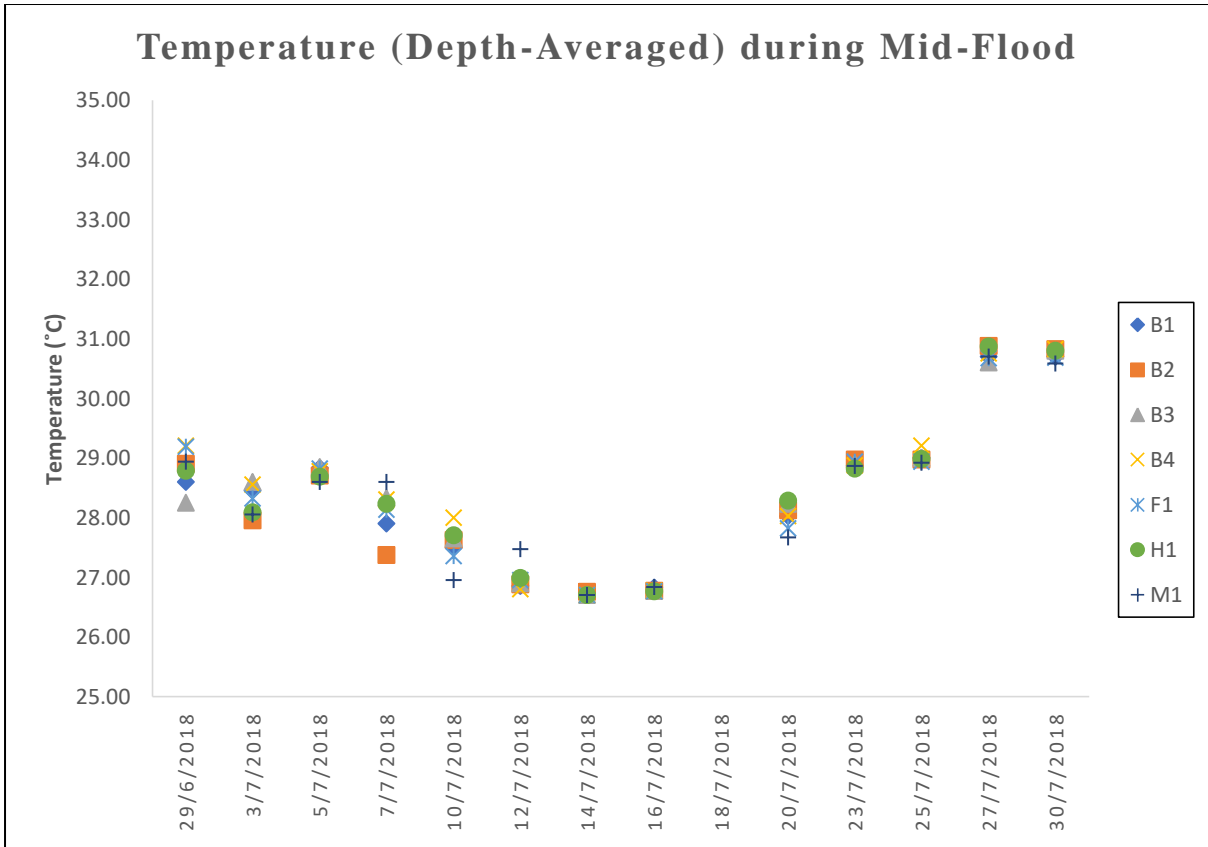
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



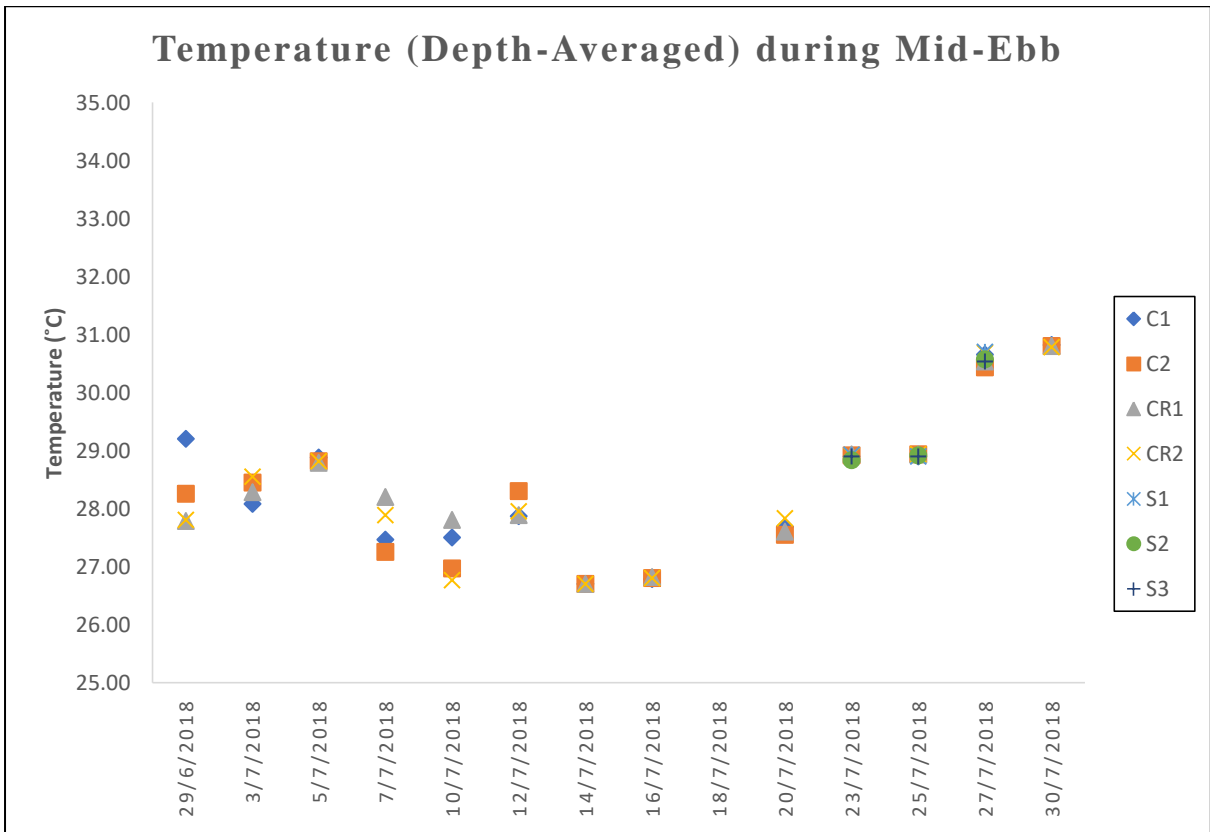
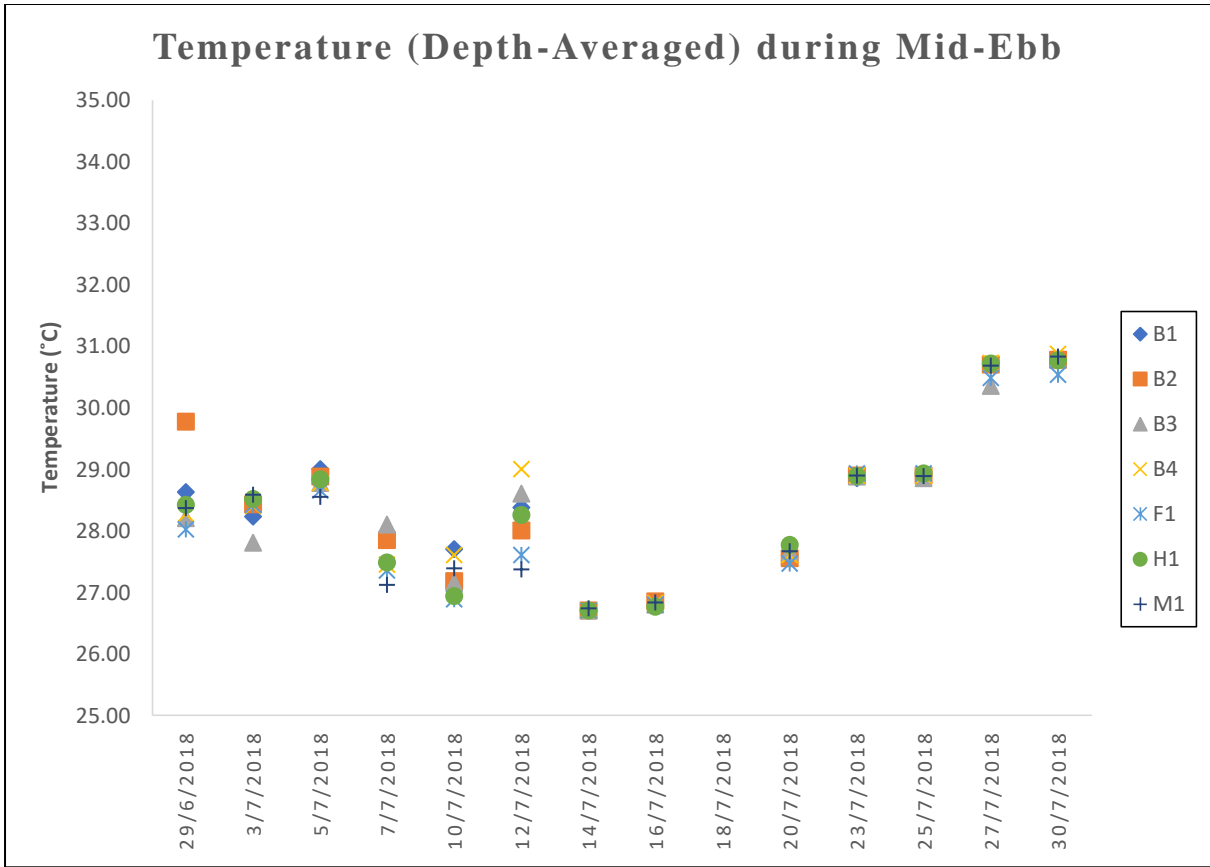
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



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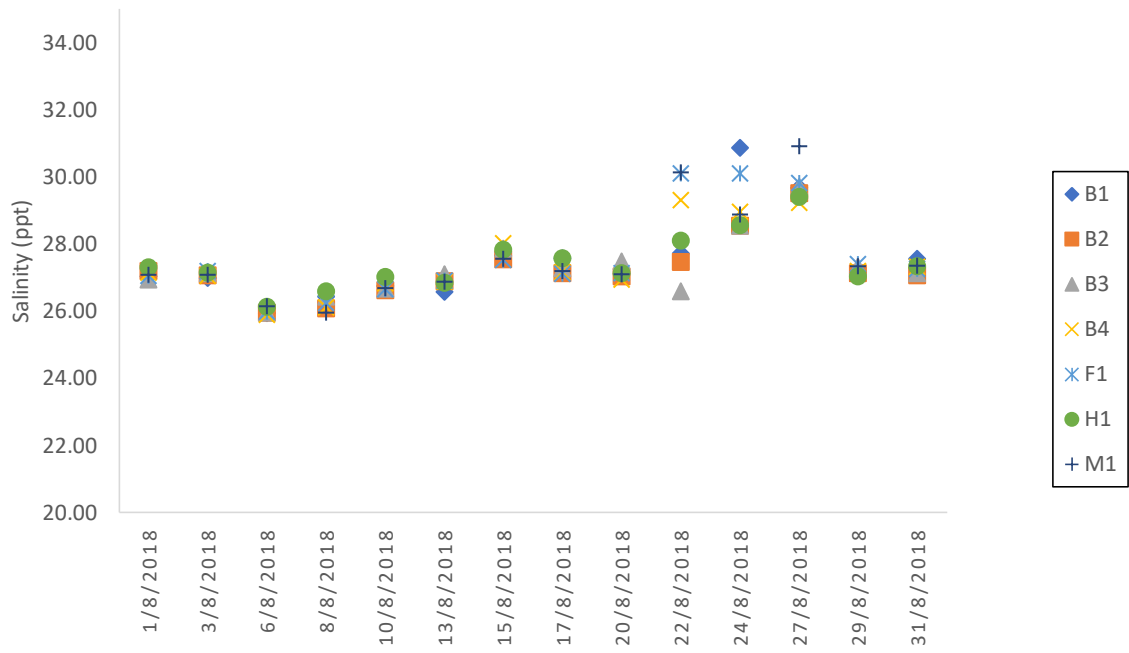


Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.

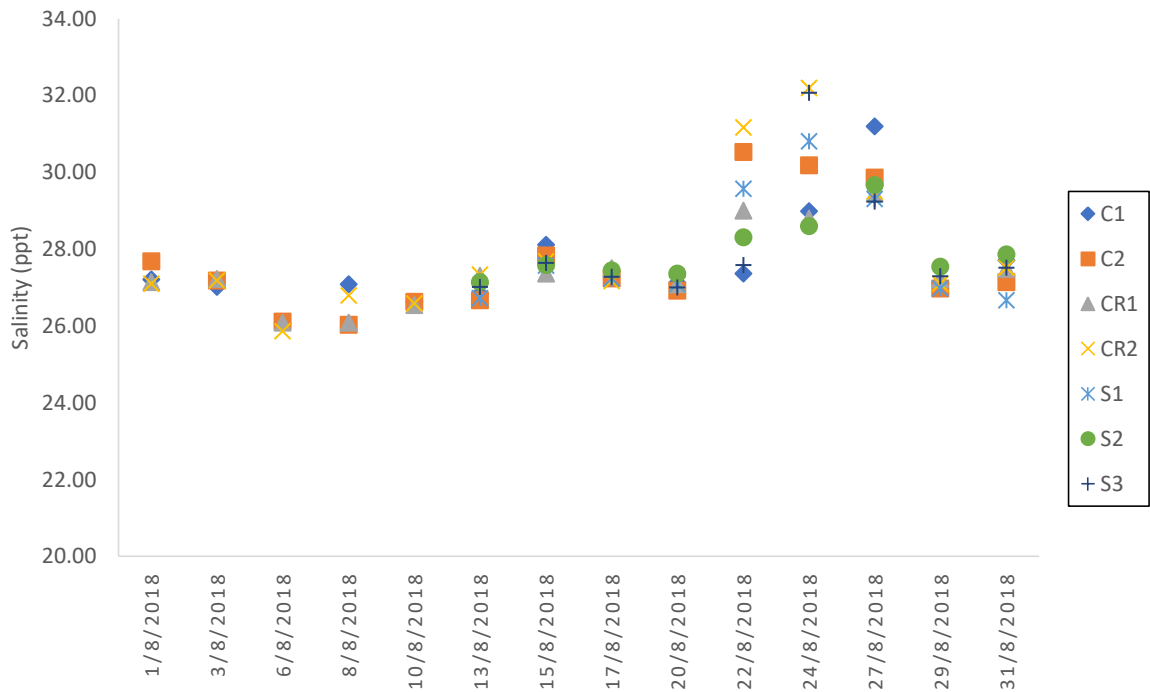


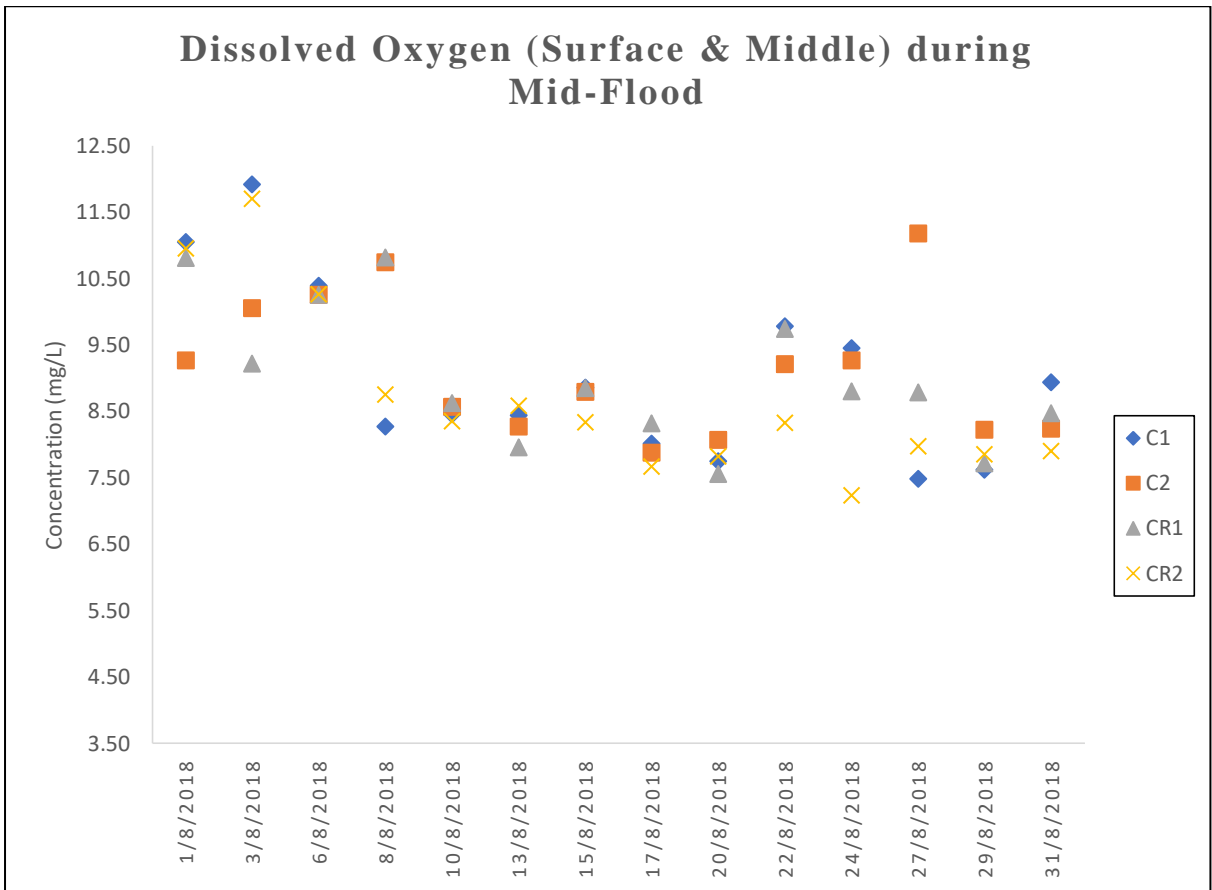
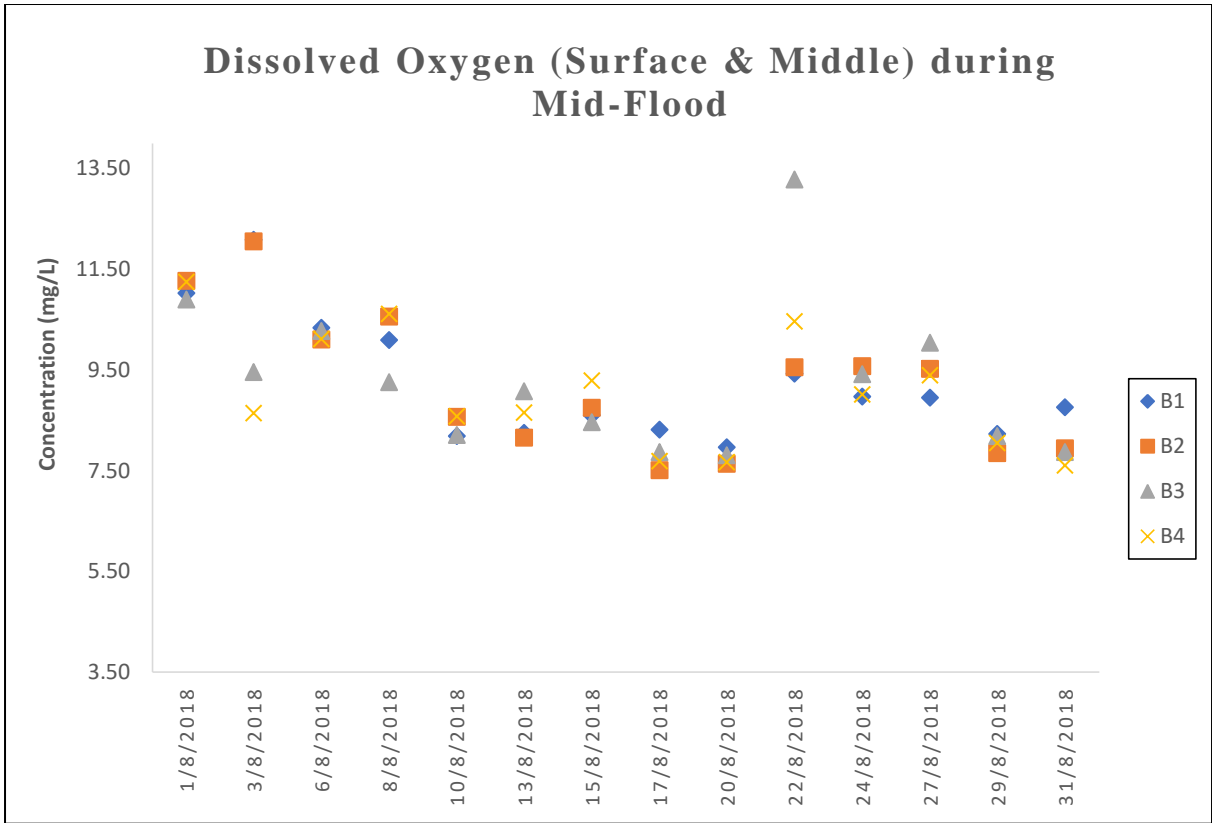
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.

Salinity (Depth-averaged) during Mid-Flood

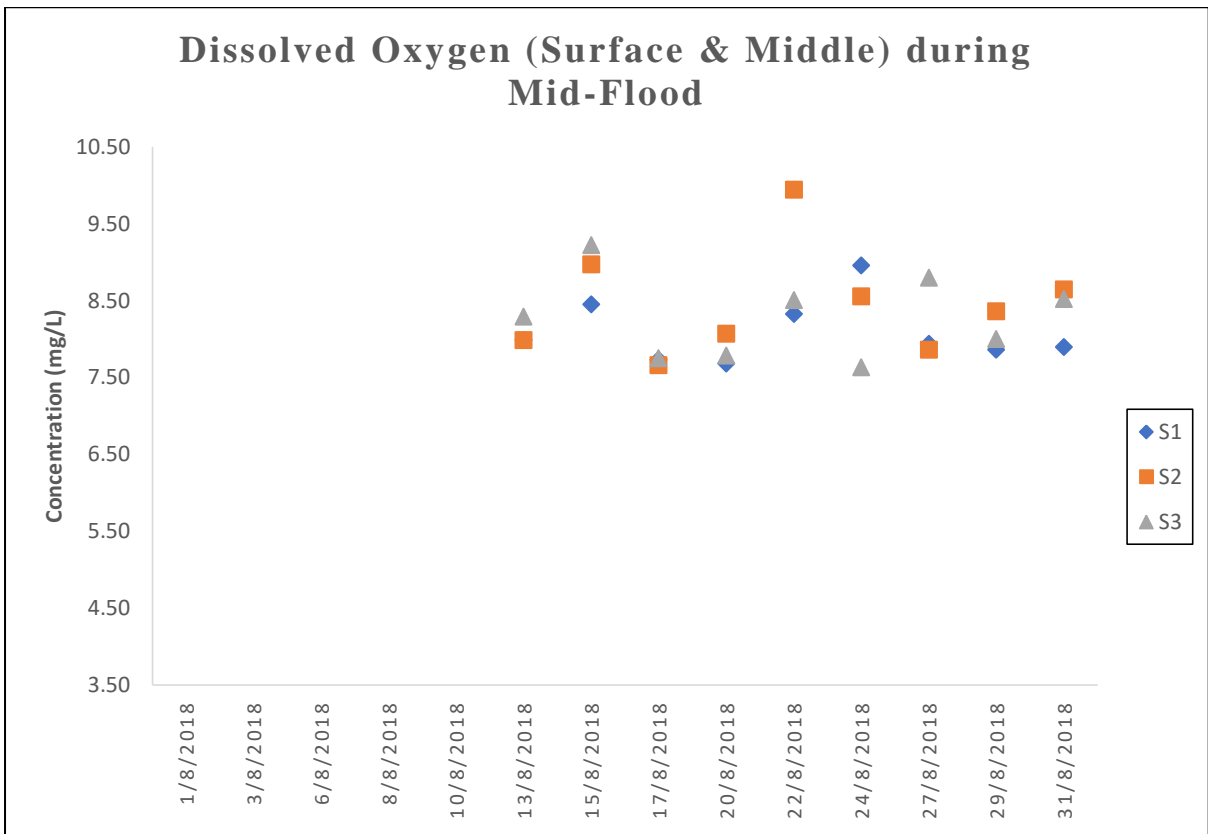
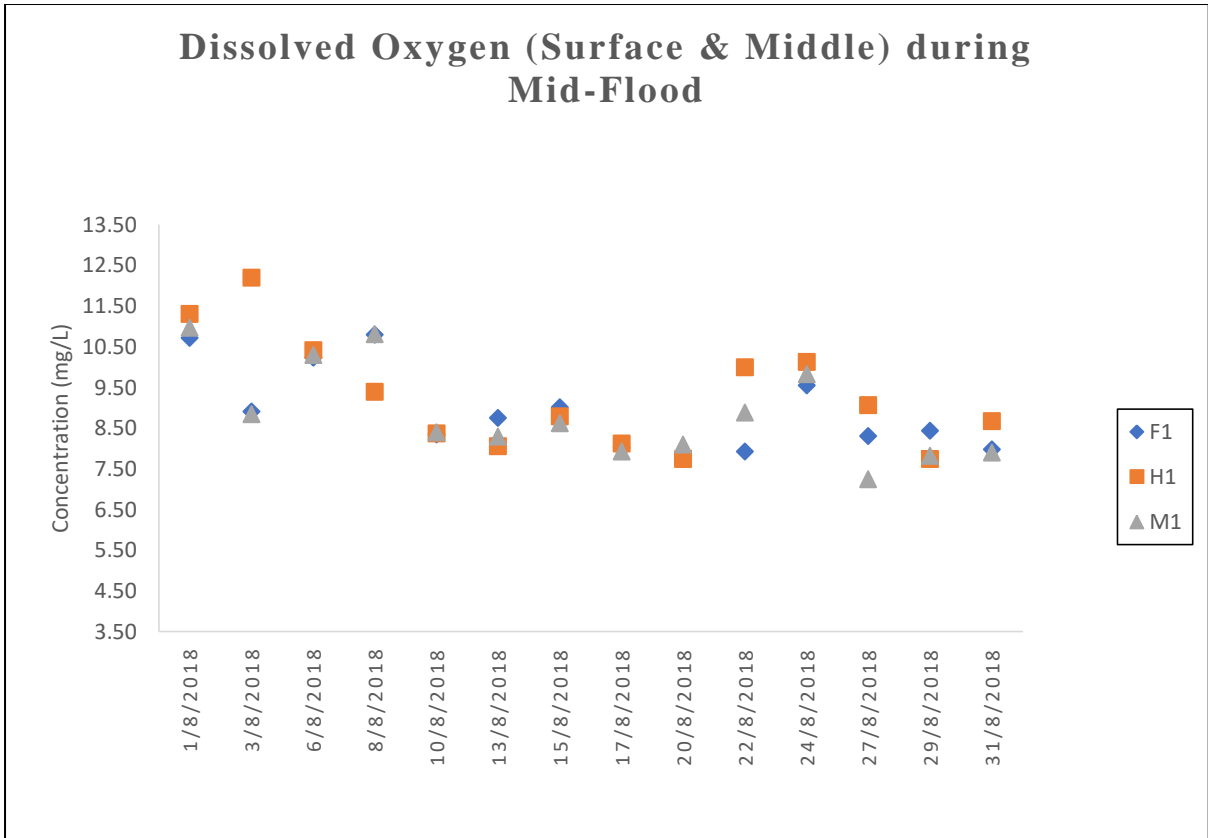


Salinity (Depth-averaged) during Mid-Flood

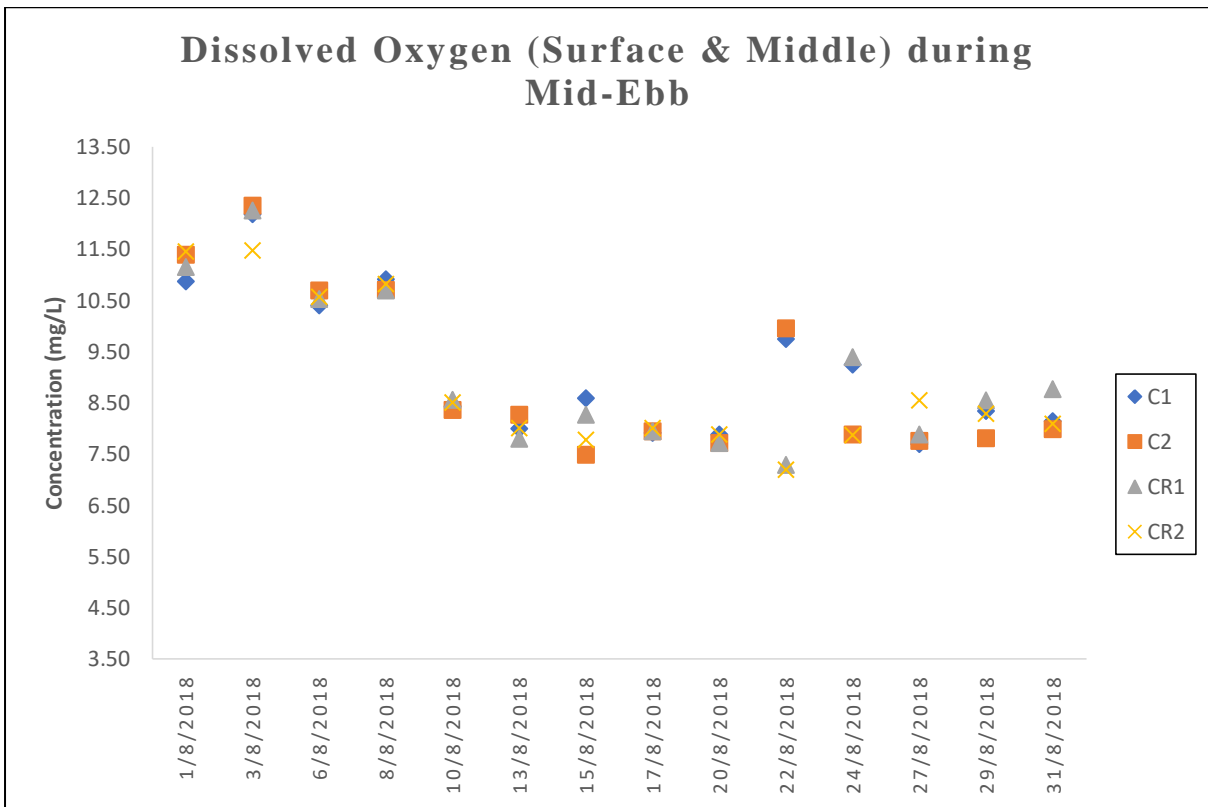
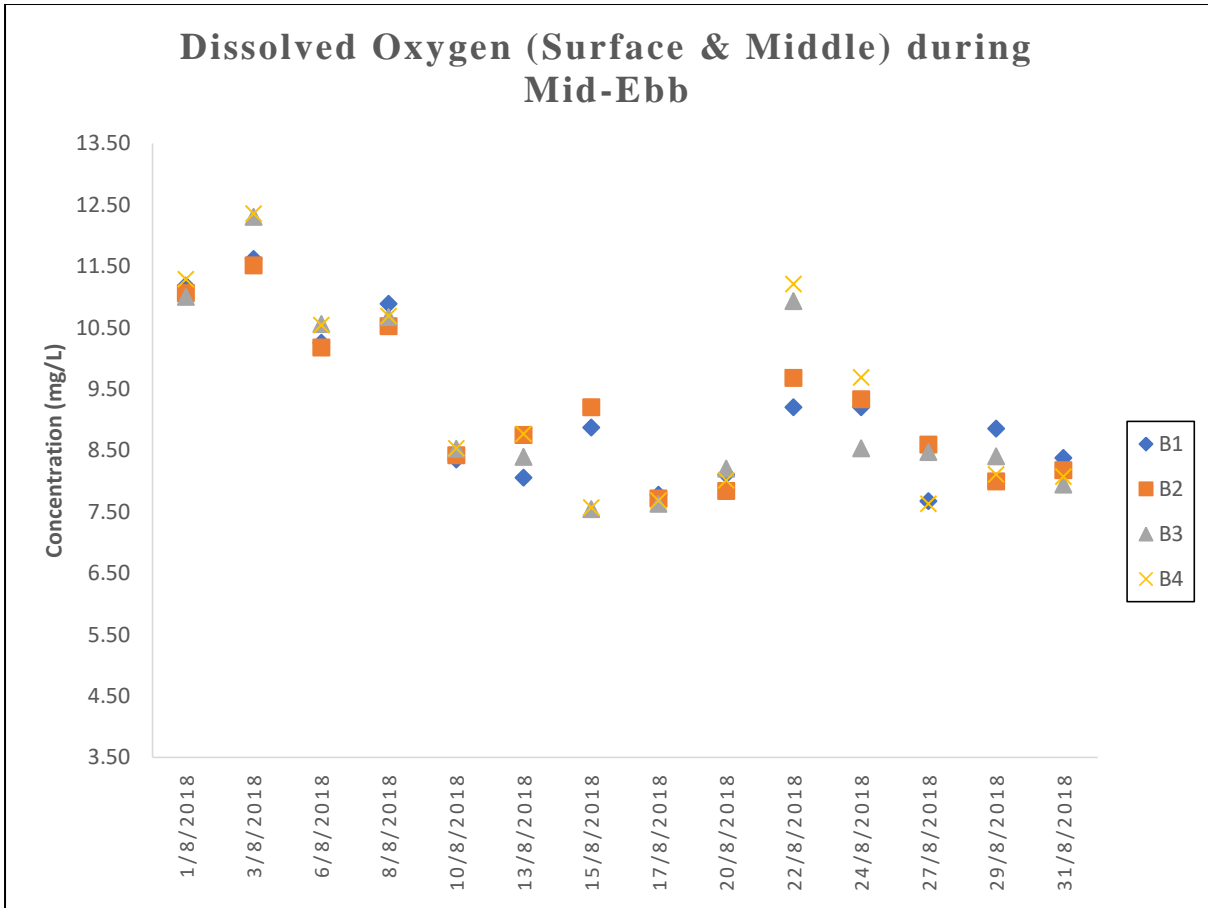




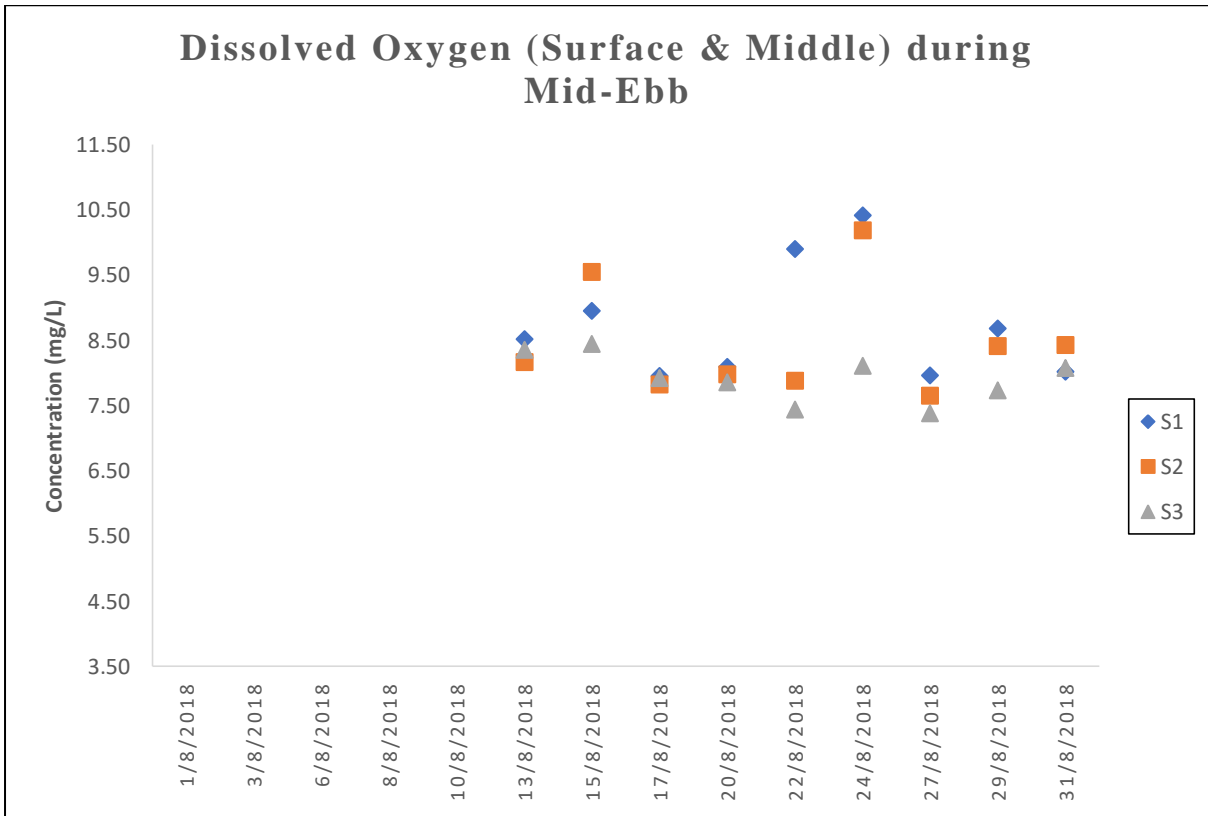
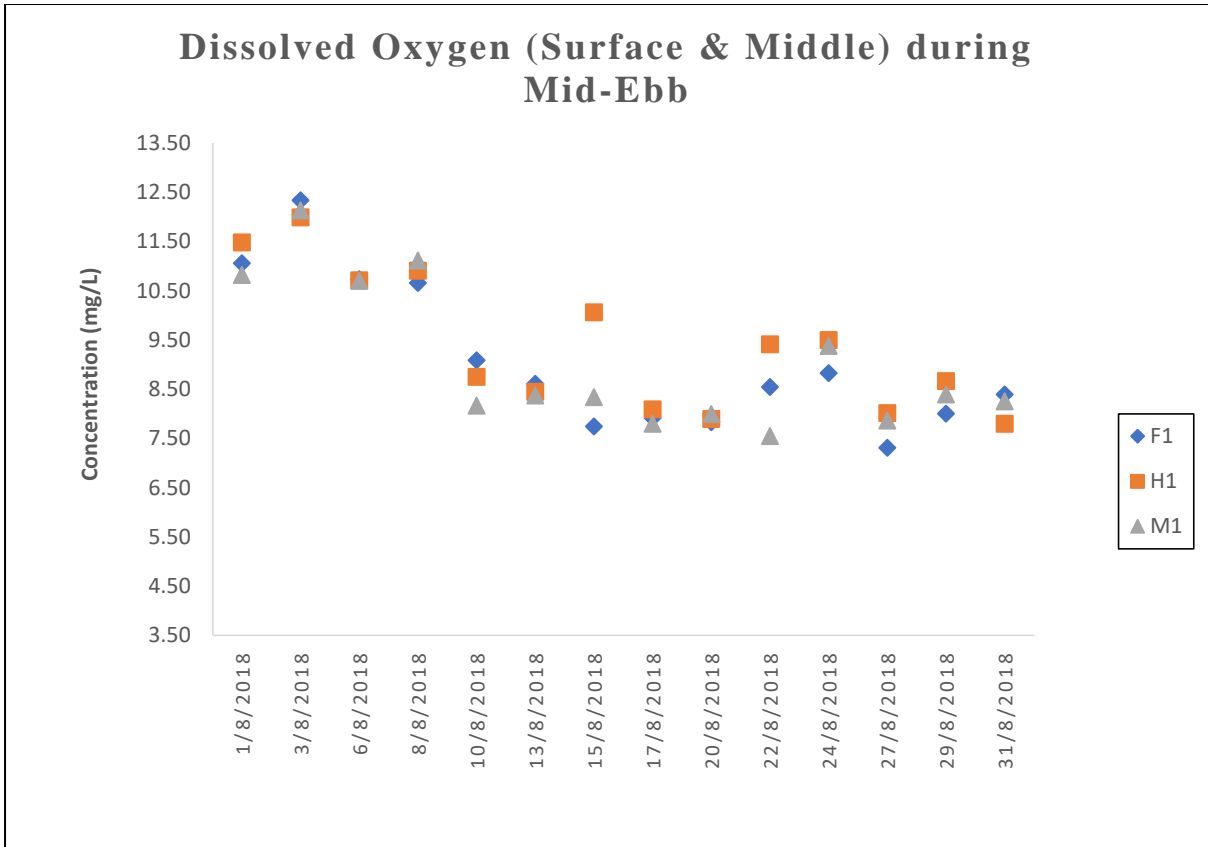
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



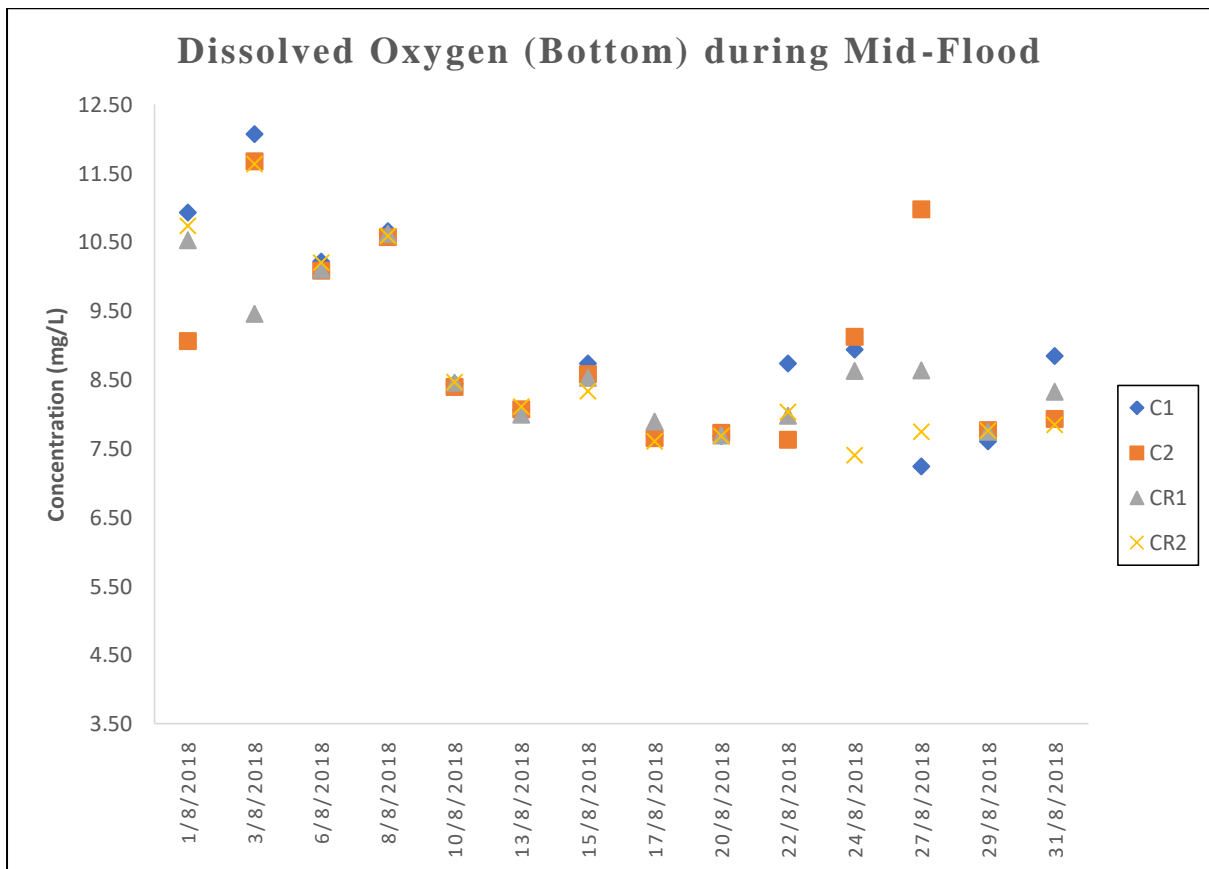
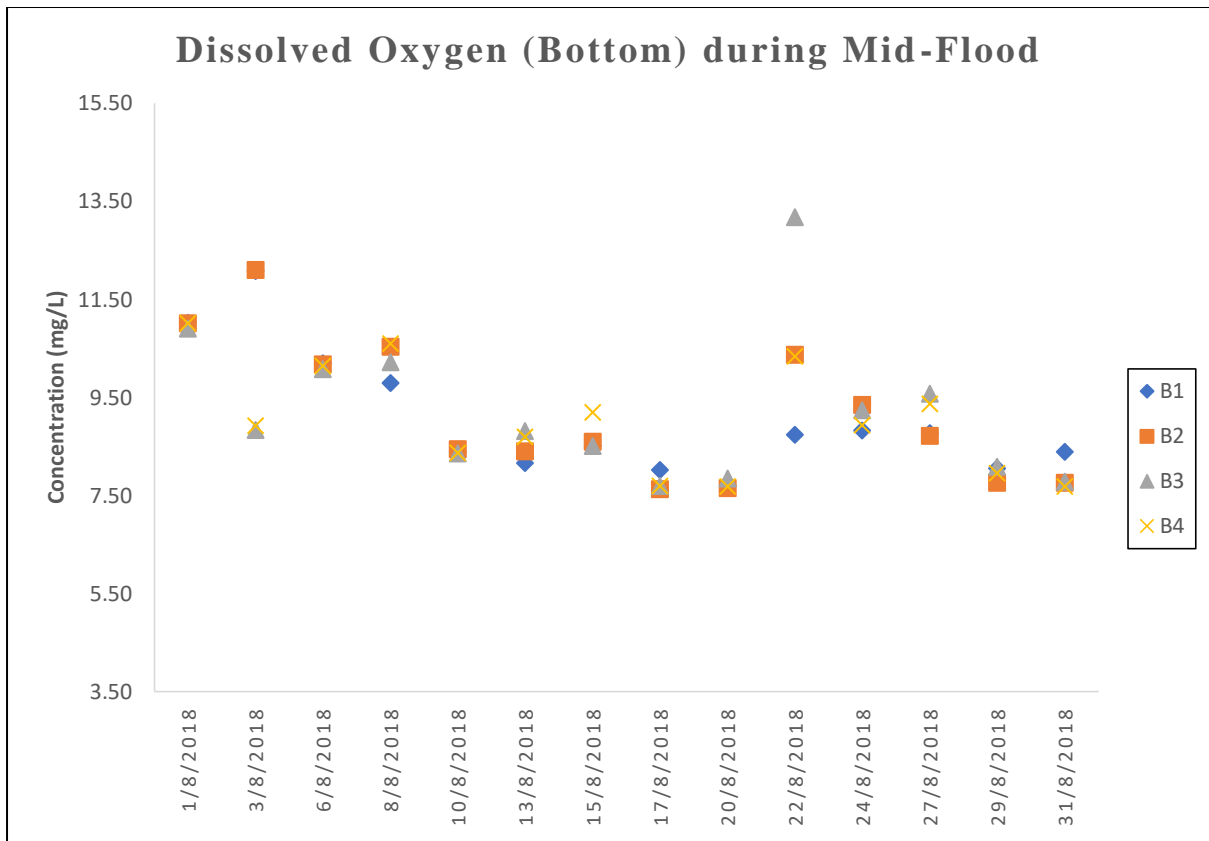
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



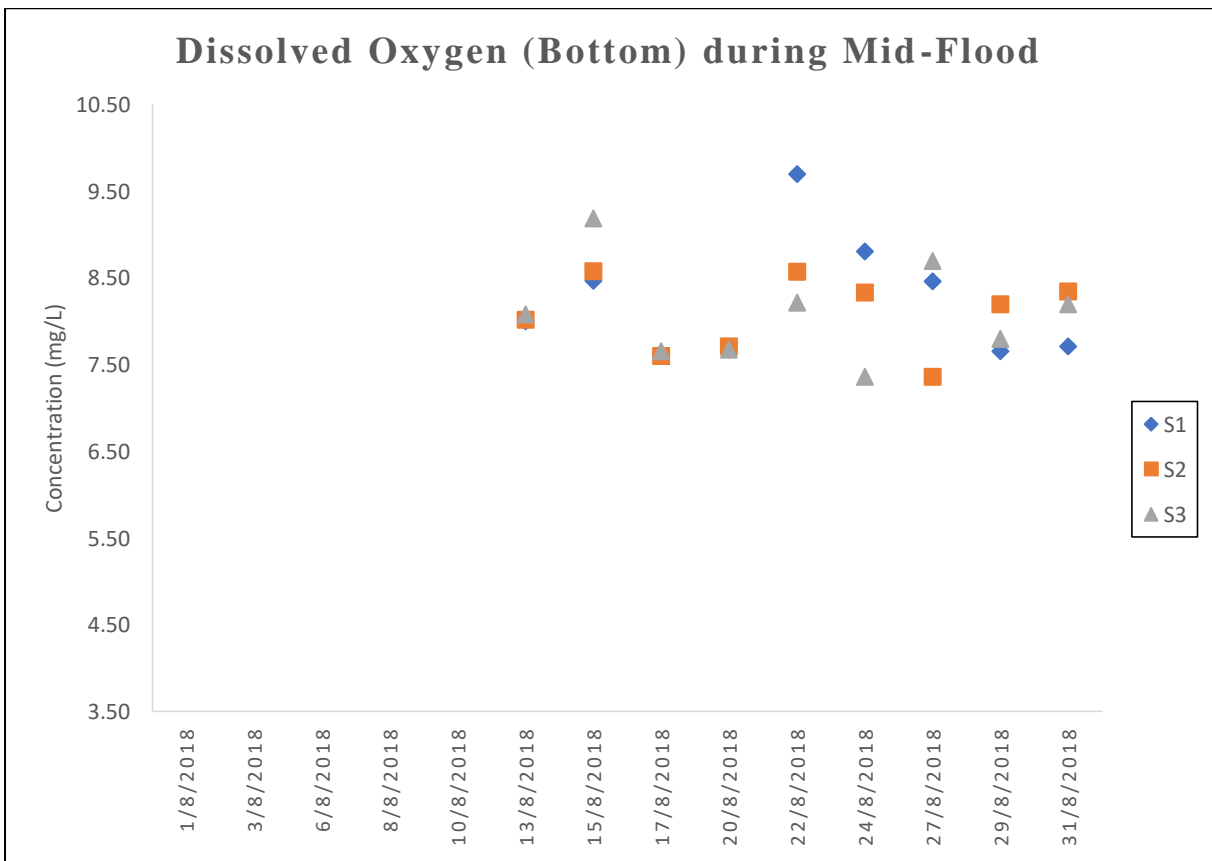
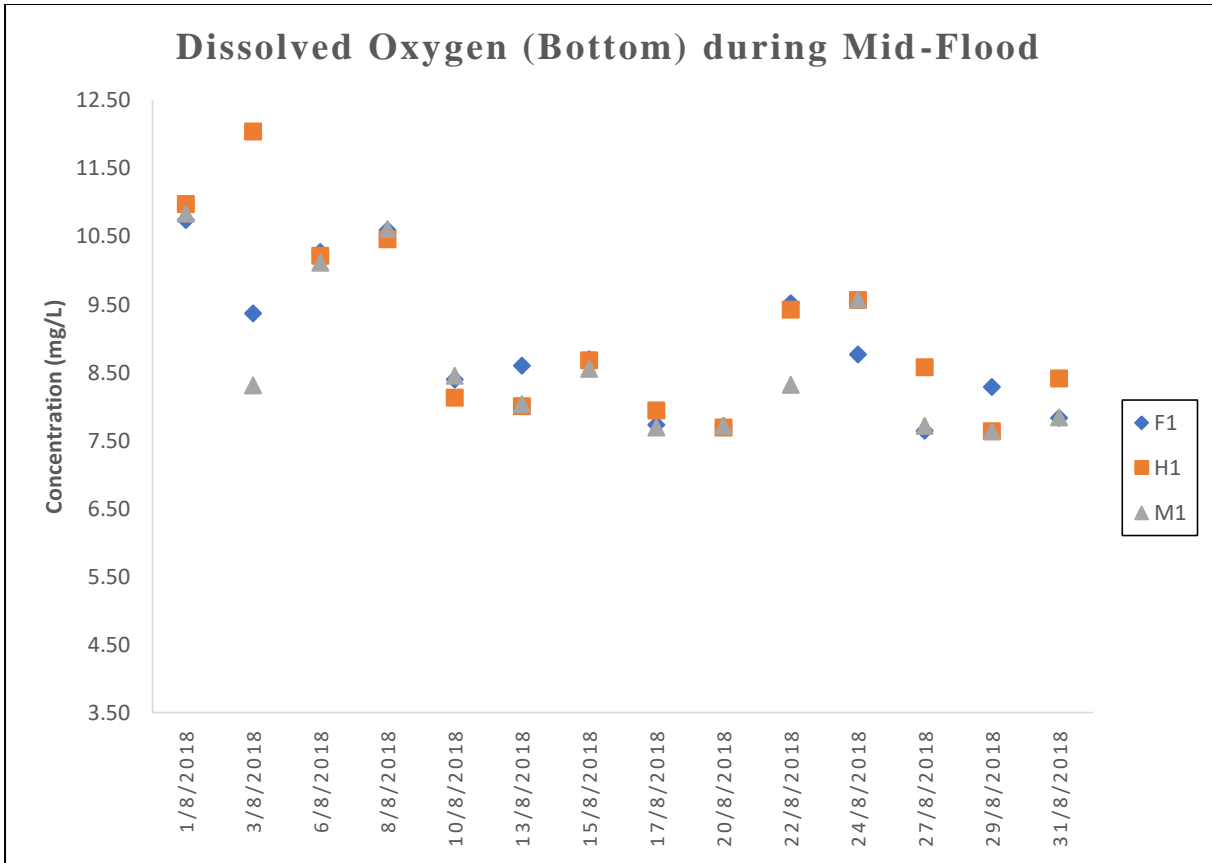
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



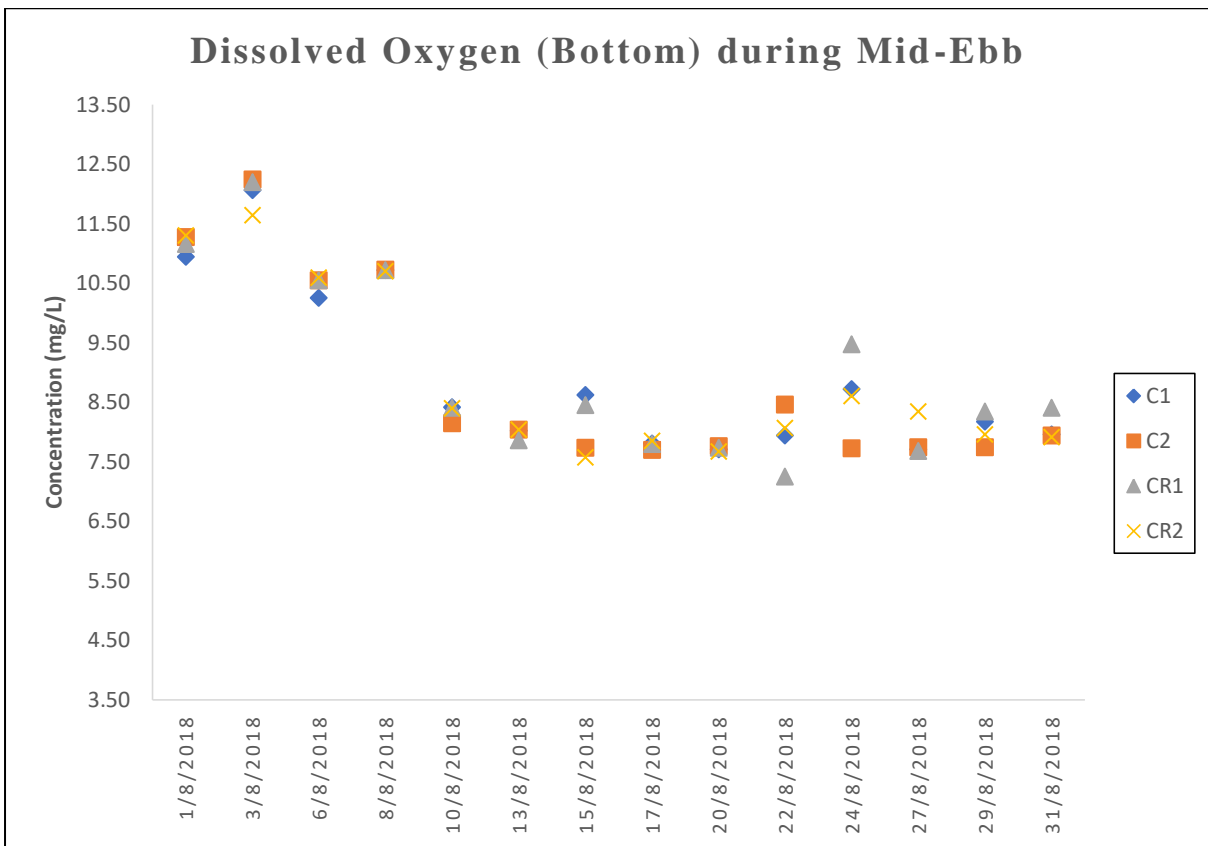
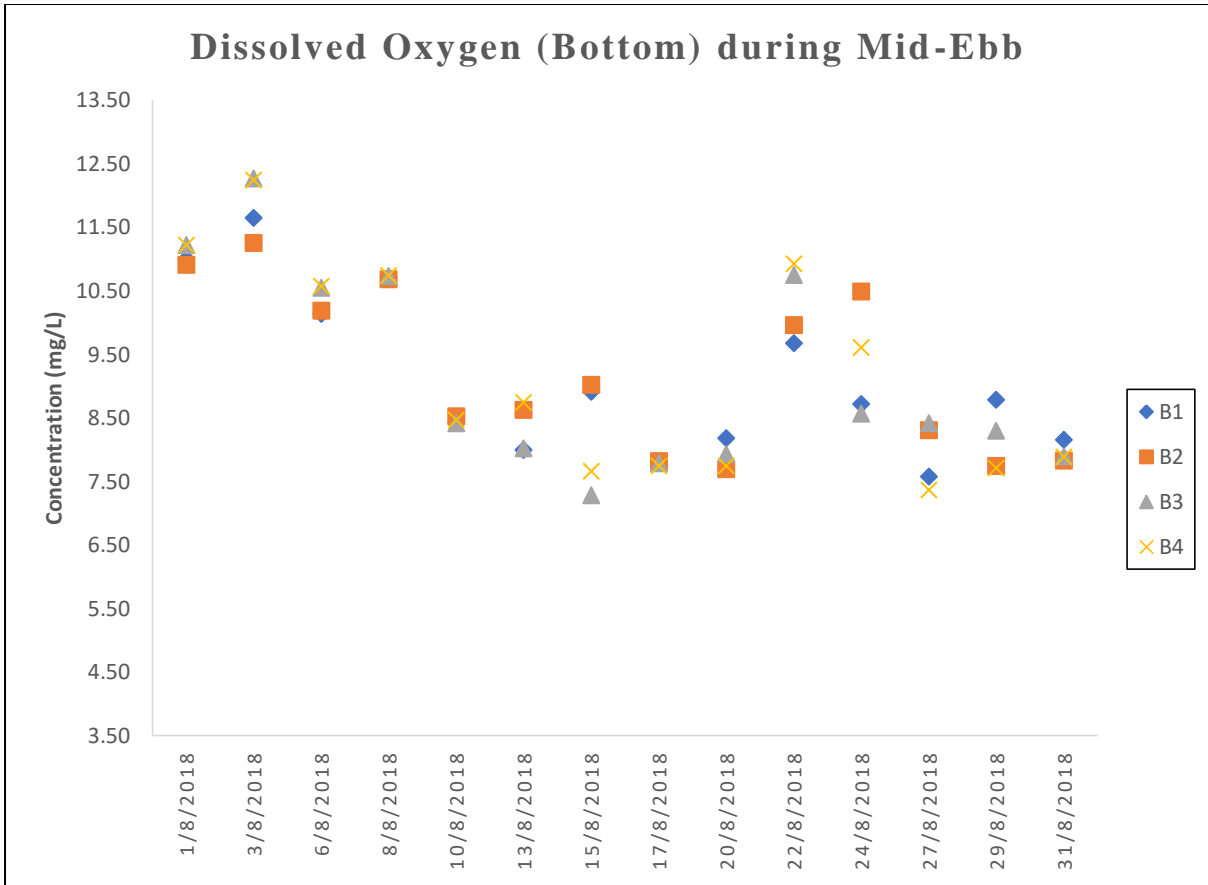
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



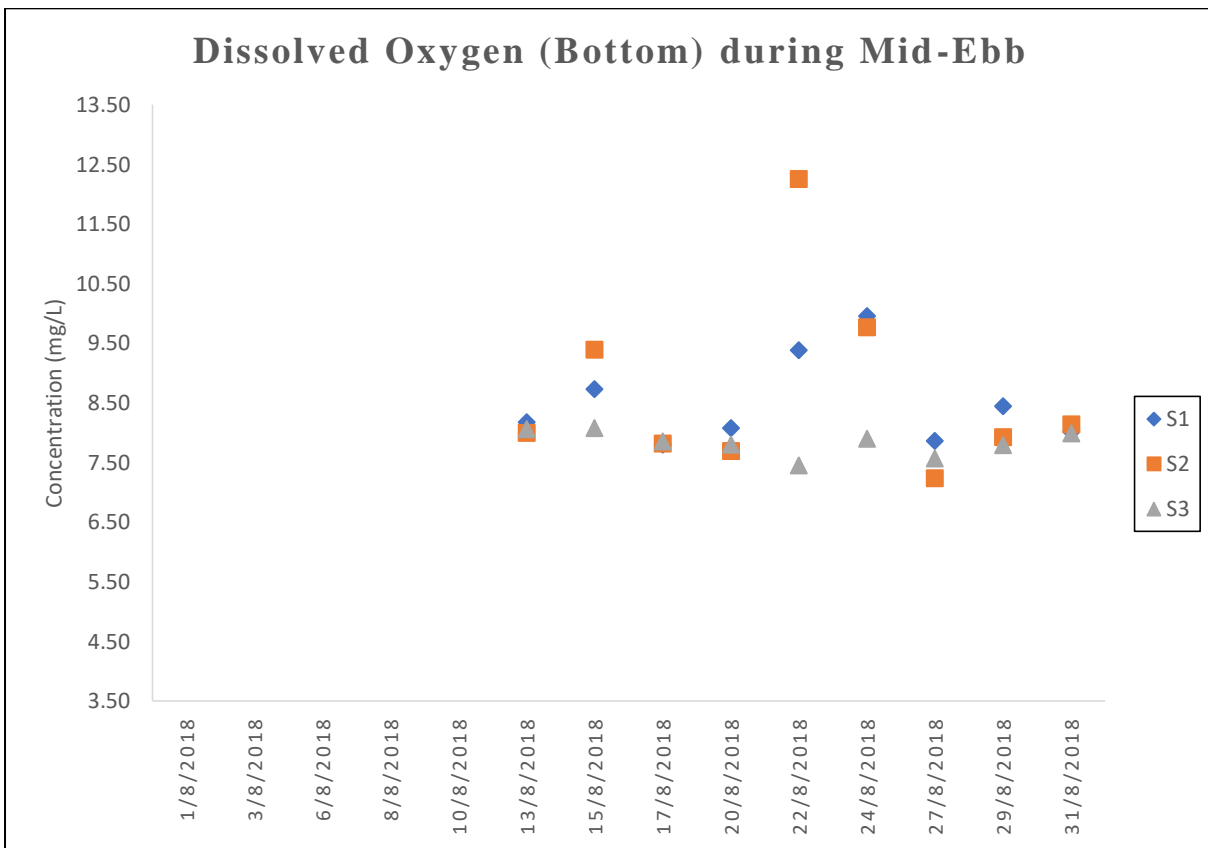
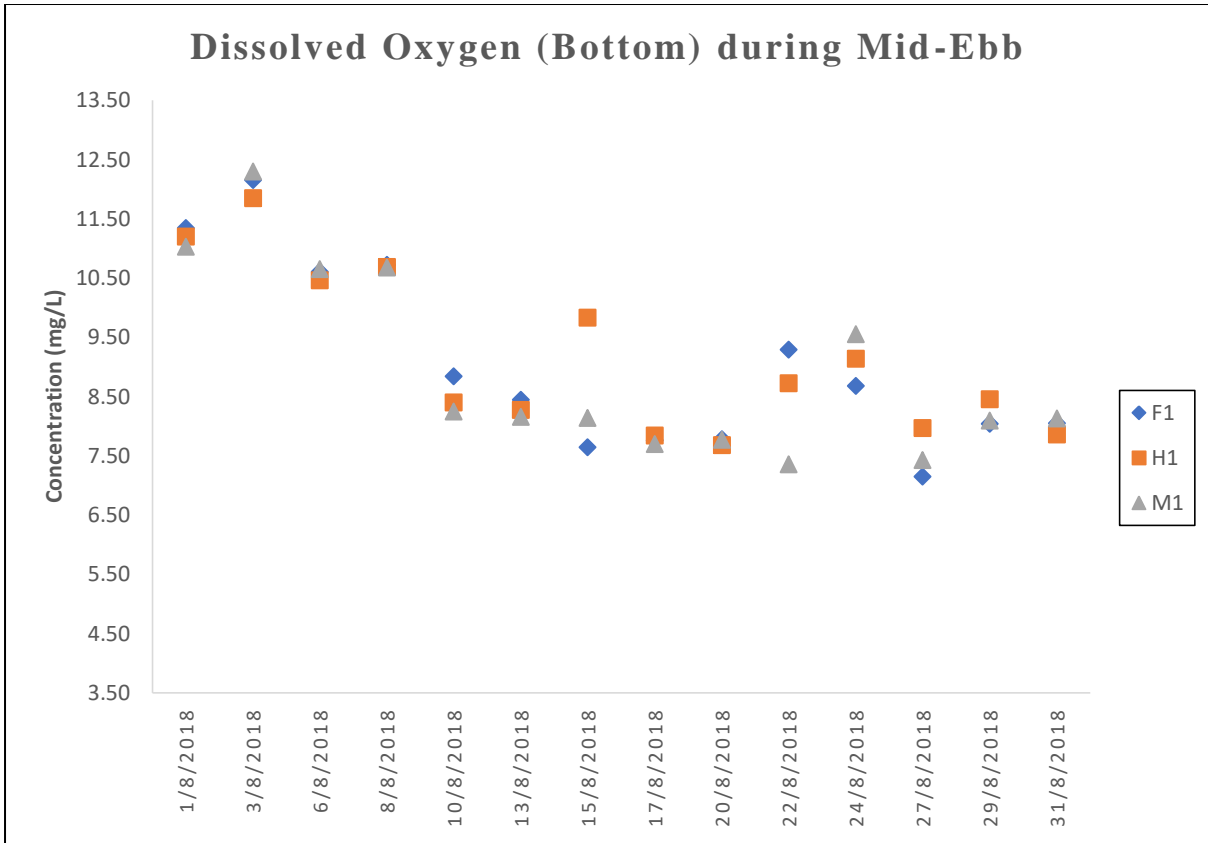
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



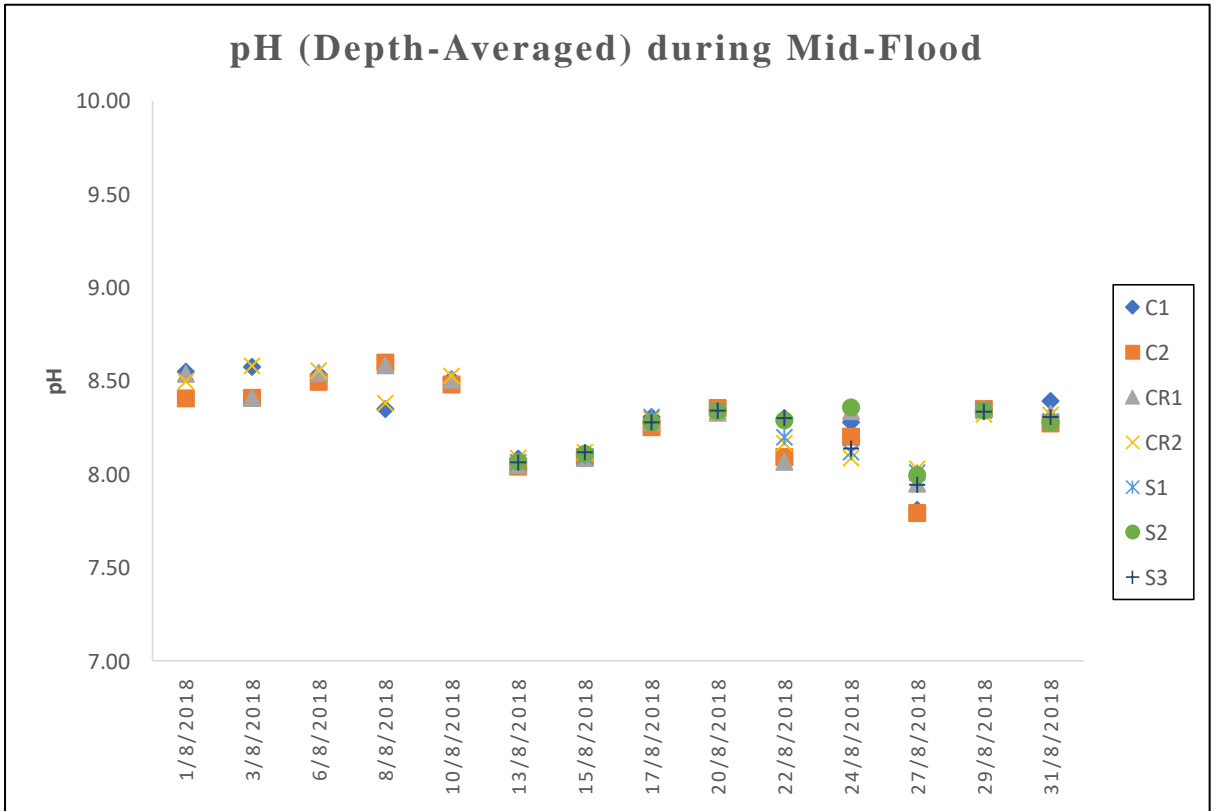
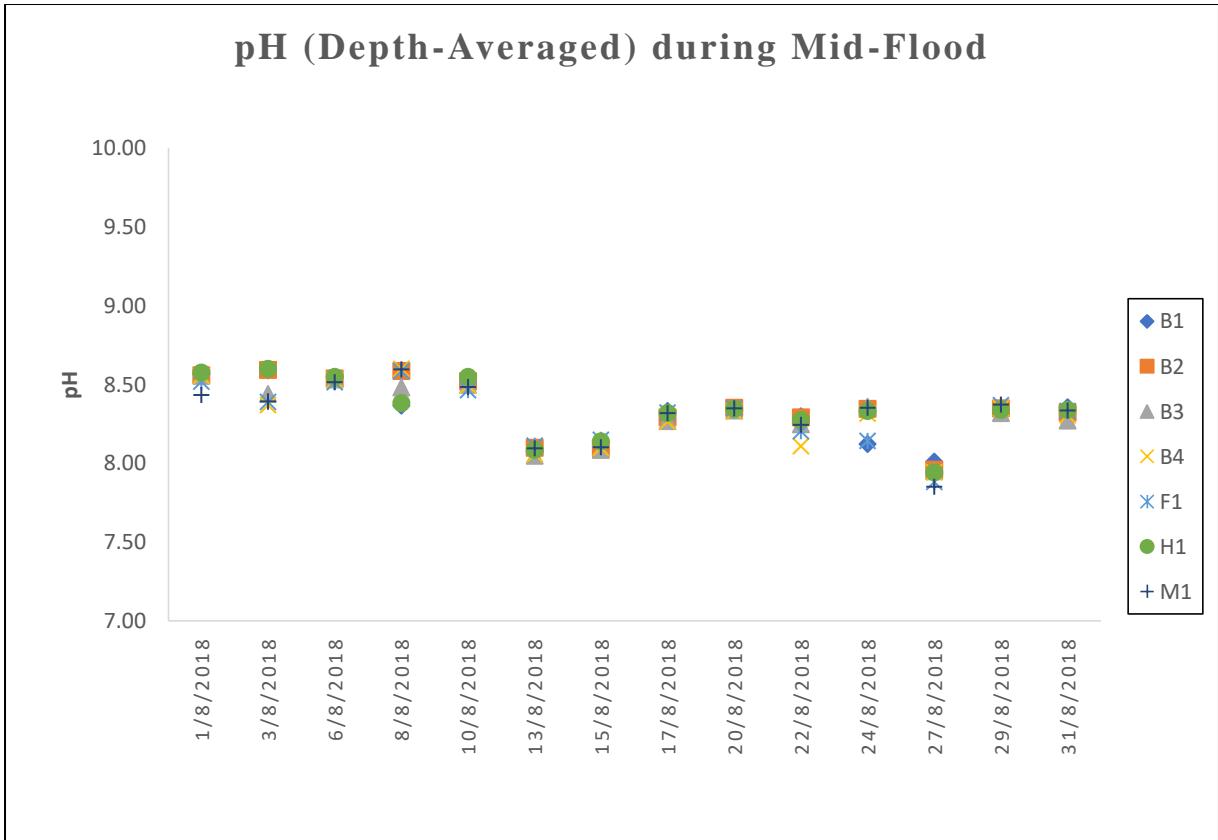
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



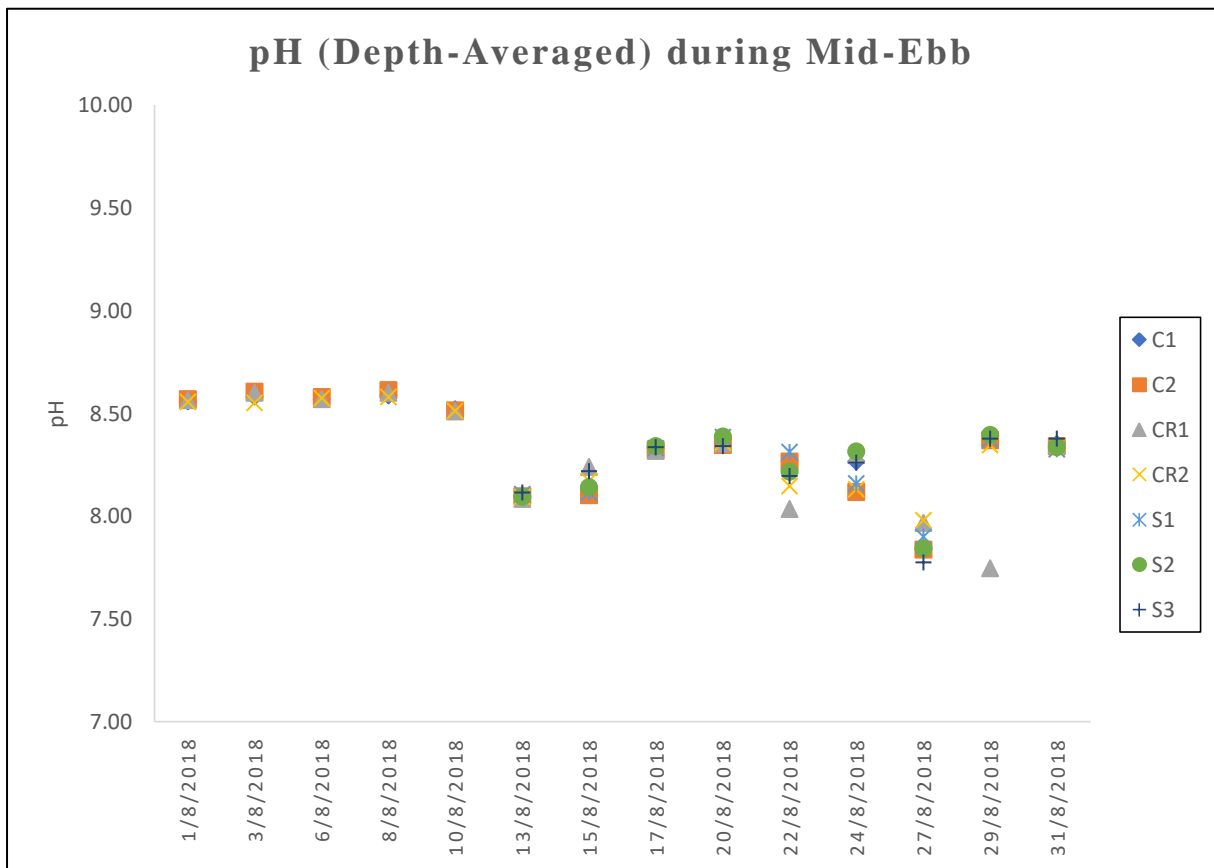
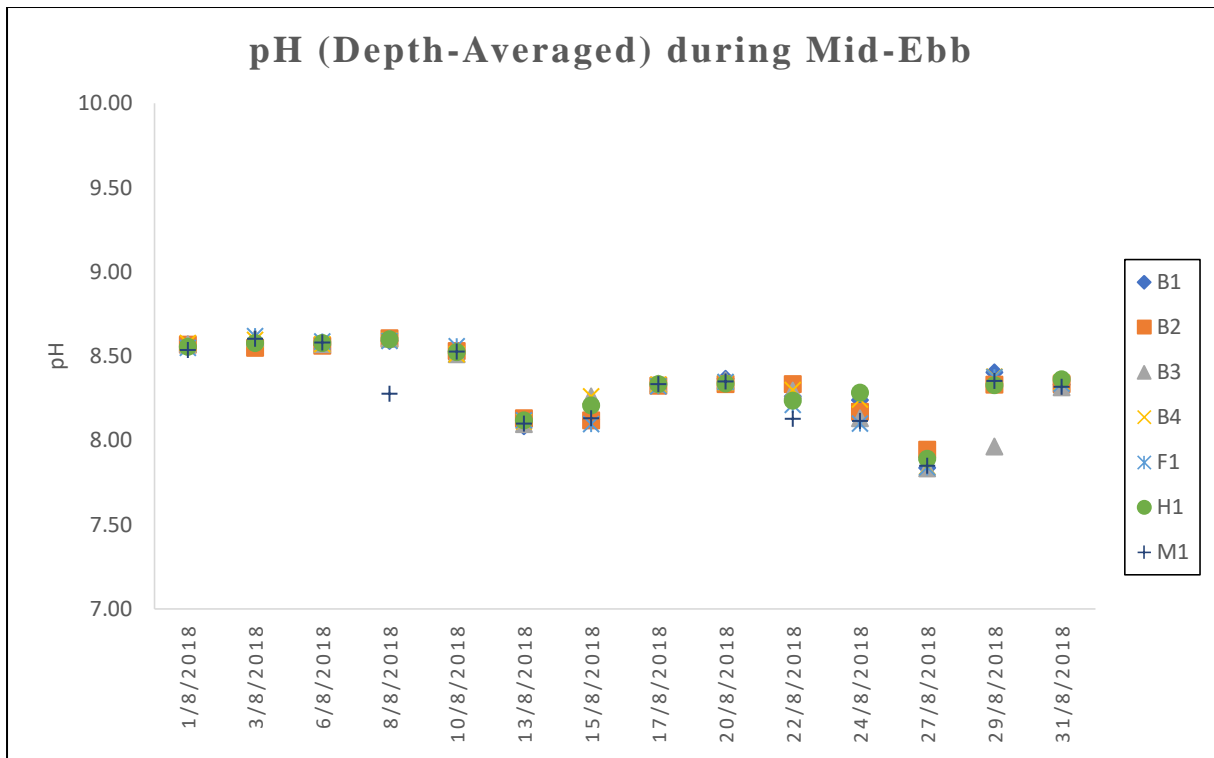
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



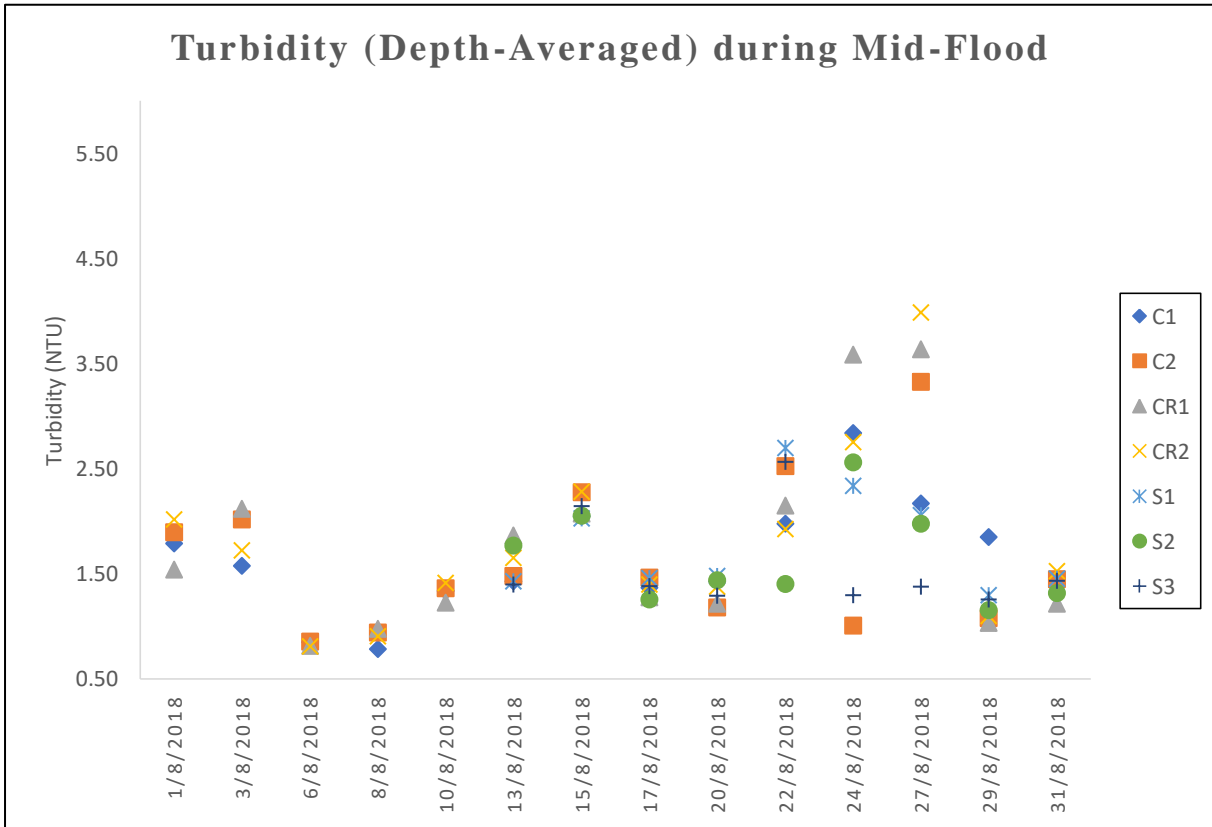
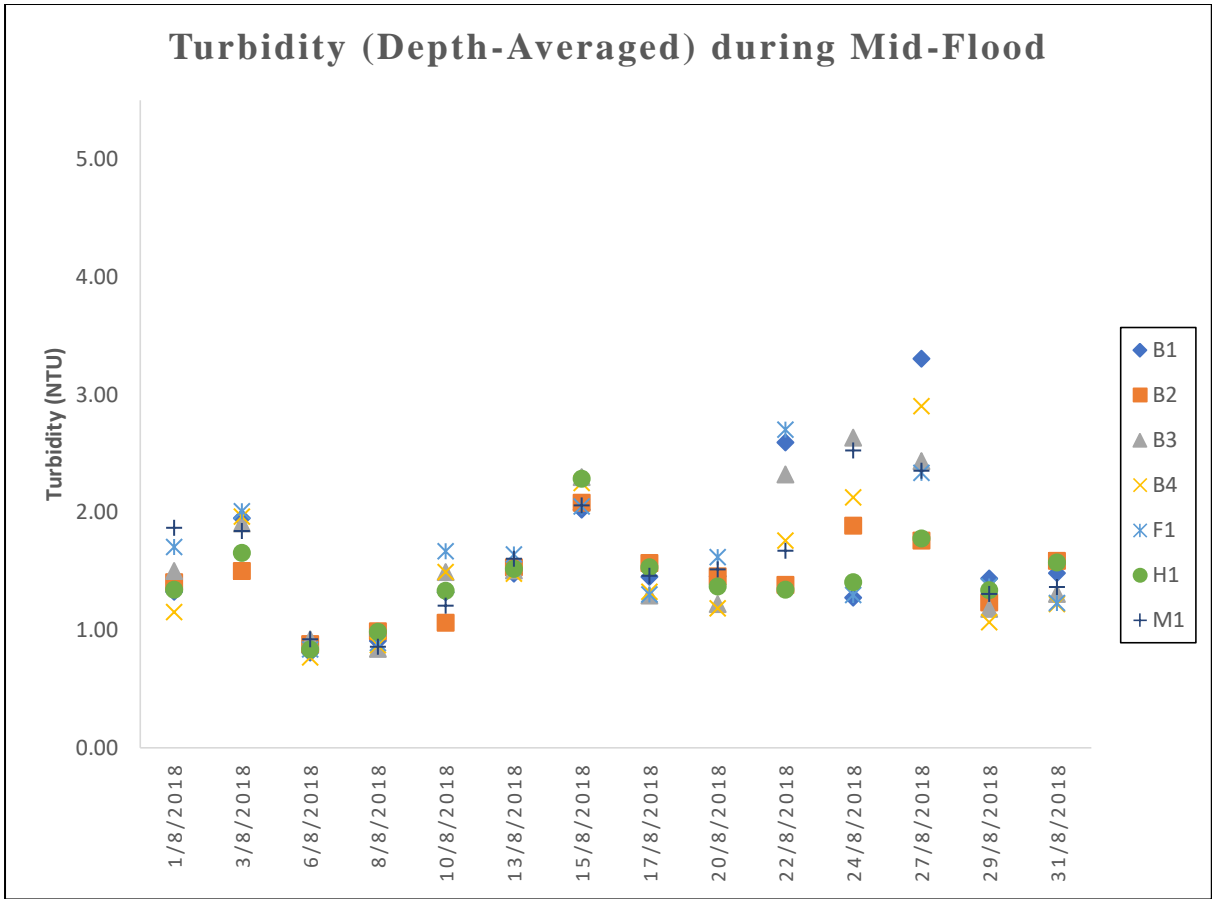
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



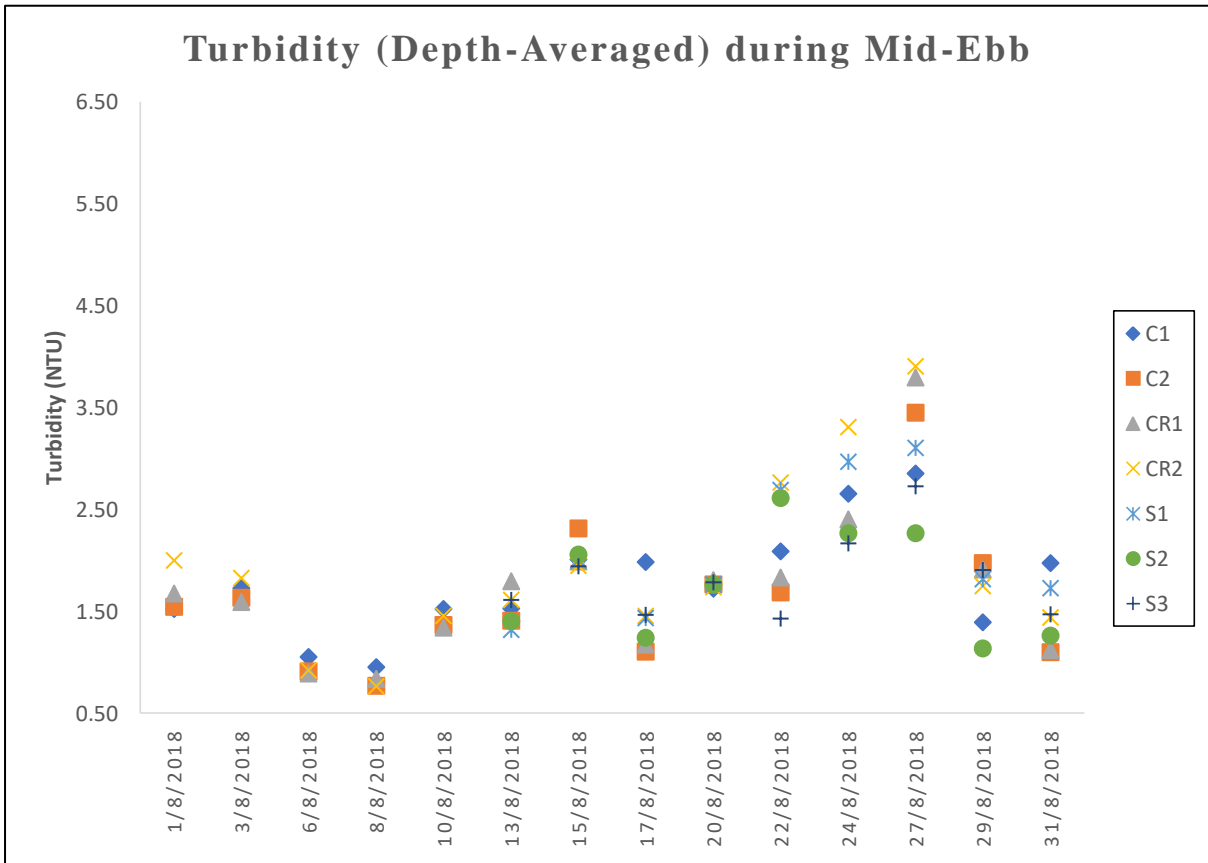
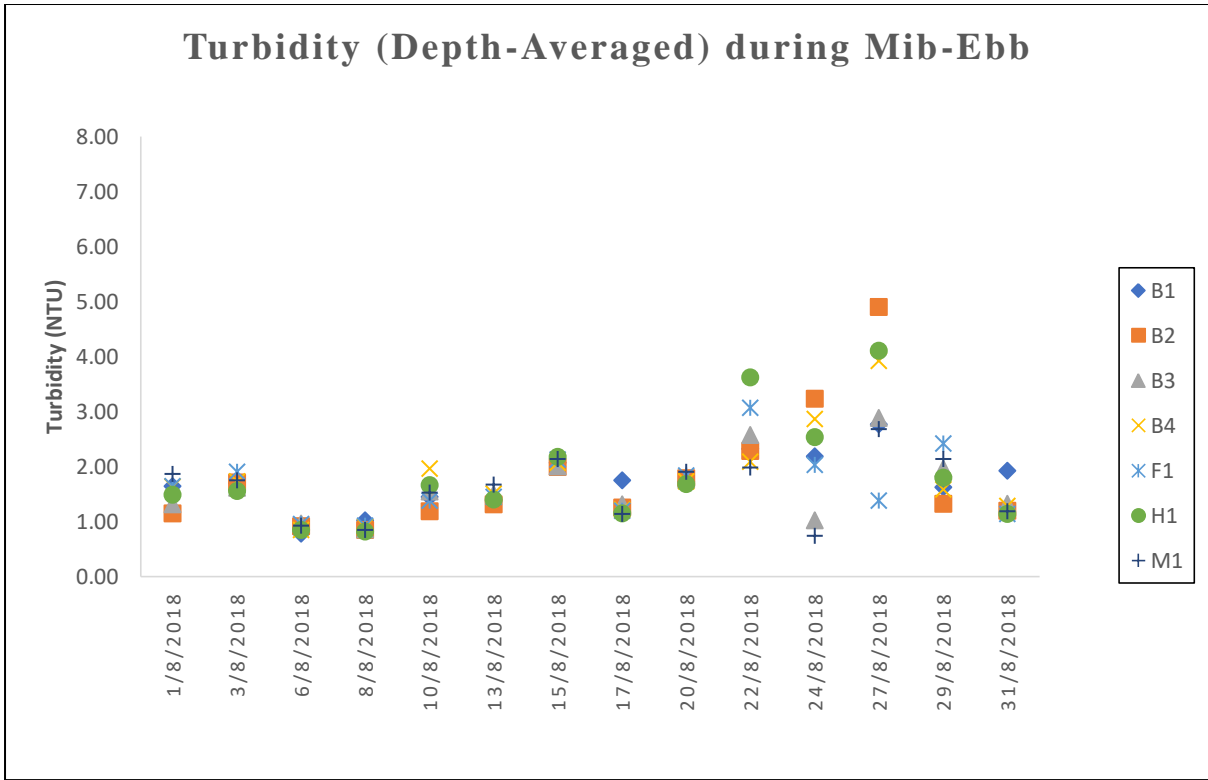
Note: The Action and Limit Level of pH can be referred to **Table 2.7** of the monthly EM & A report.



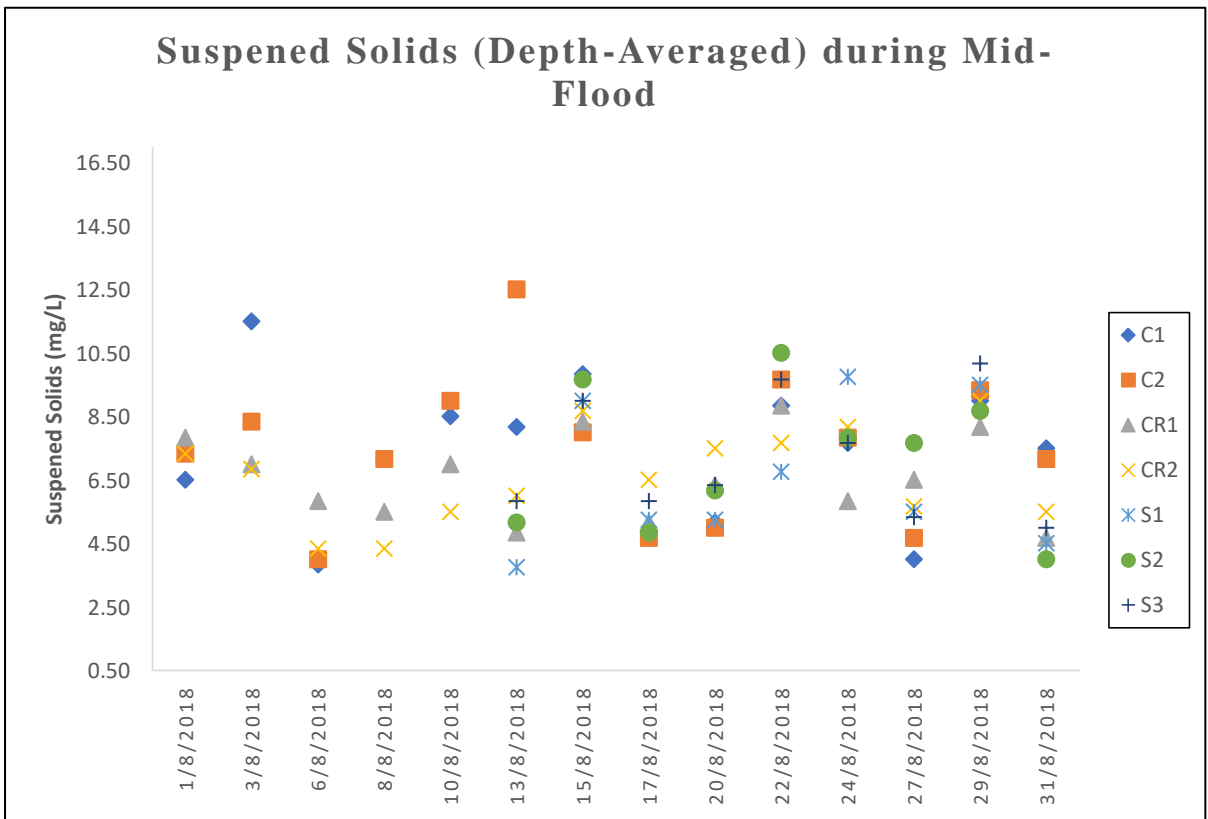
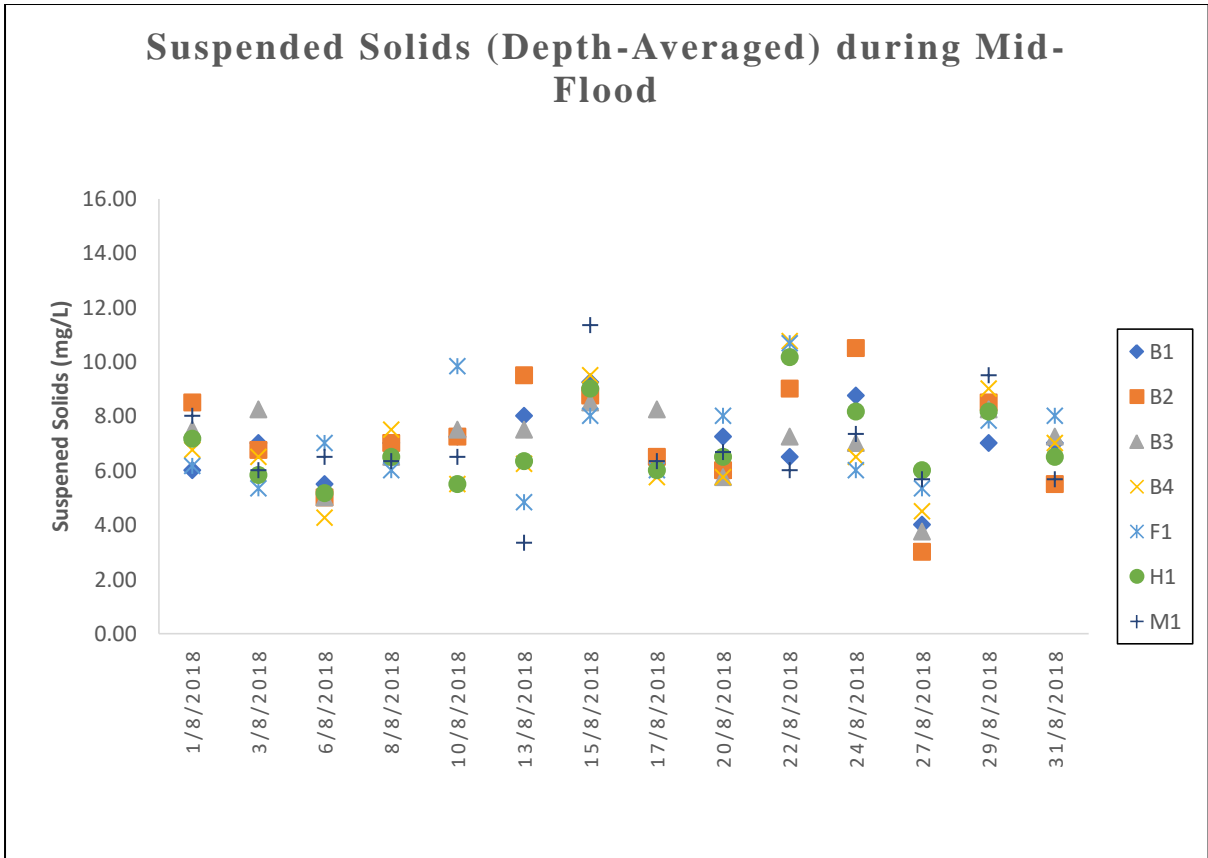
Note: The Action and Limit Level of pH can be referred to **Table 2.7** of the monthly EM & A report.



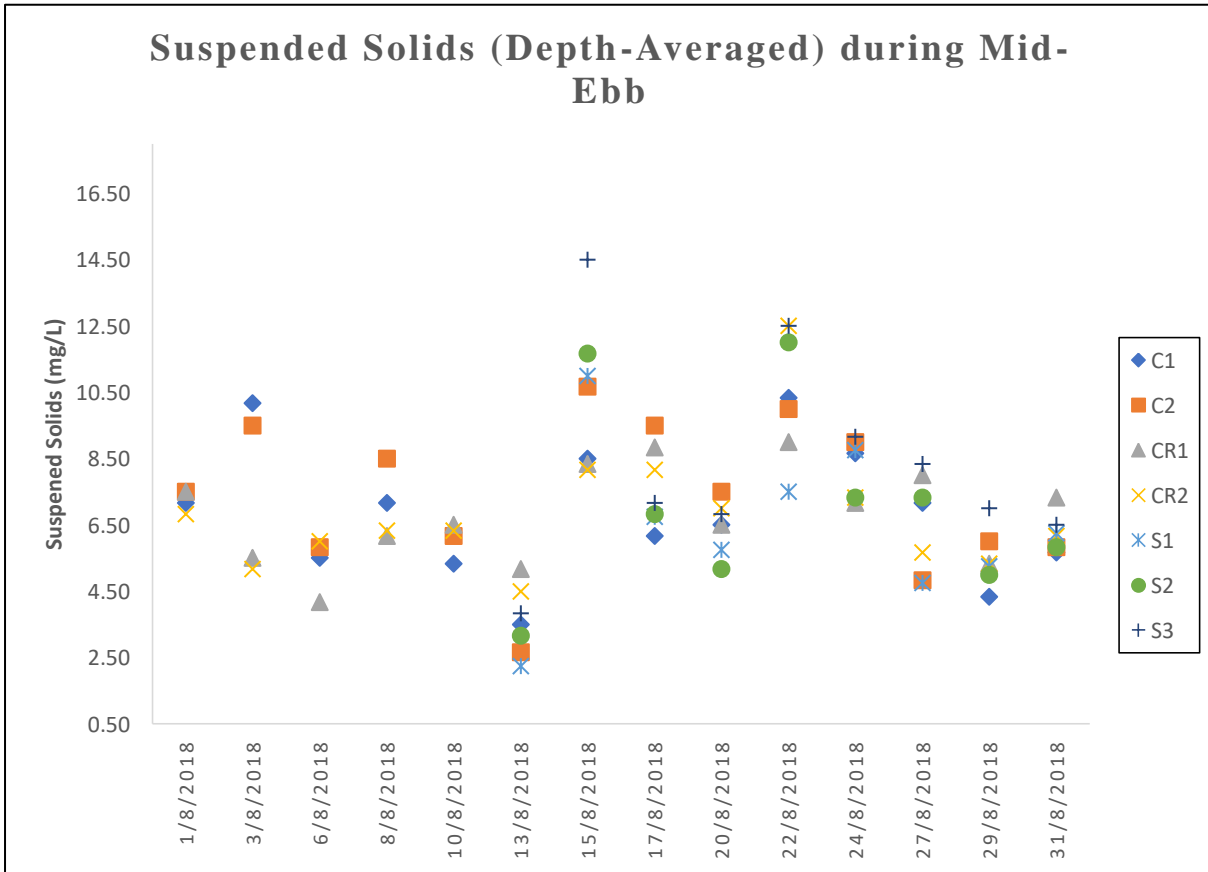
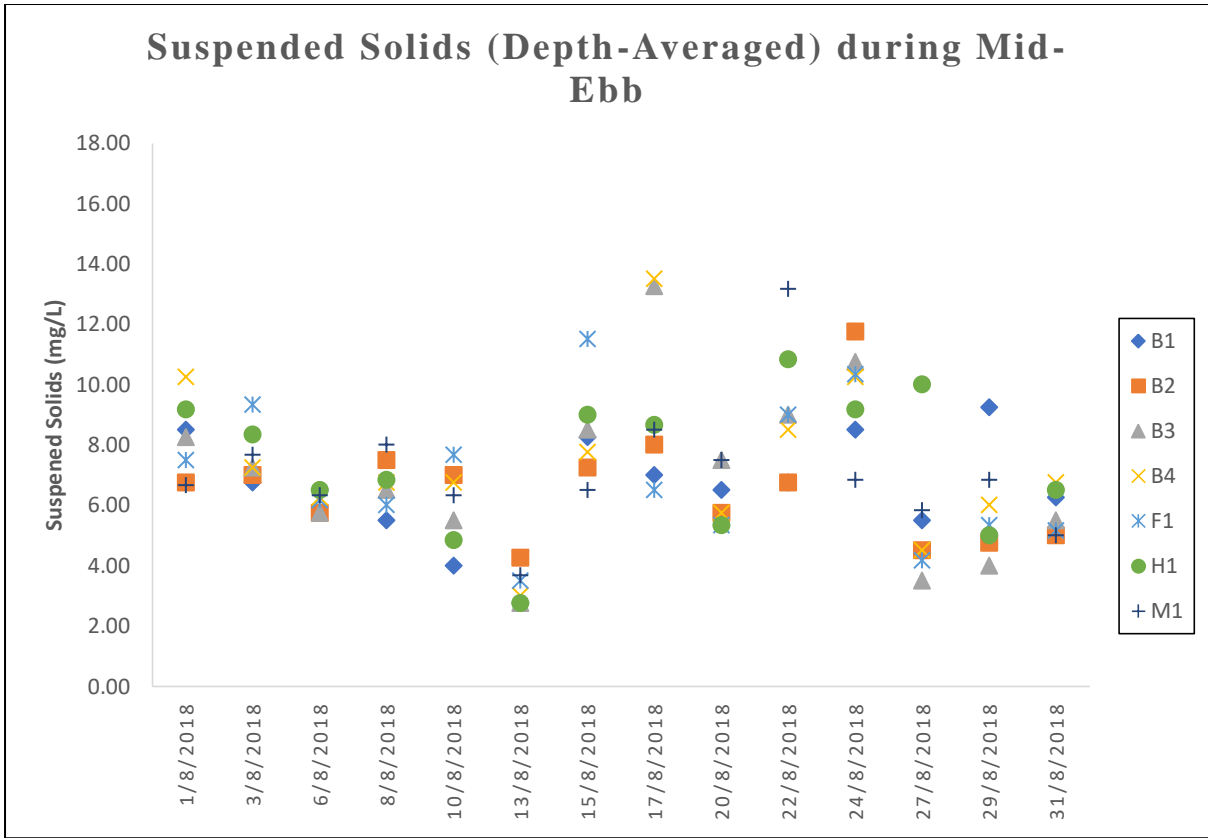
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



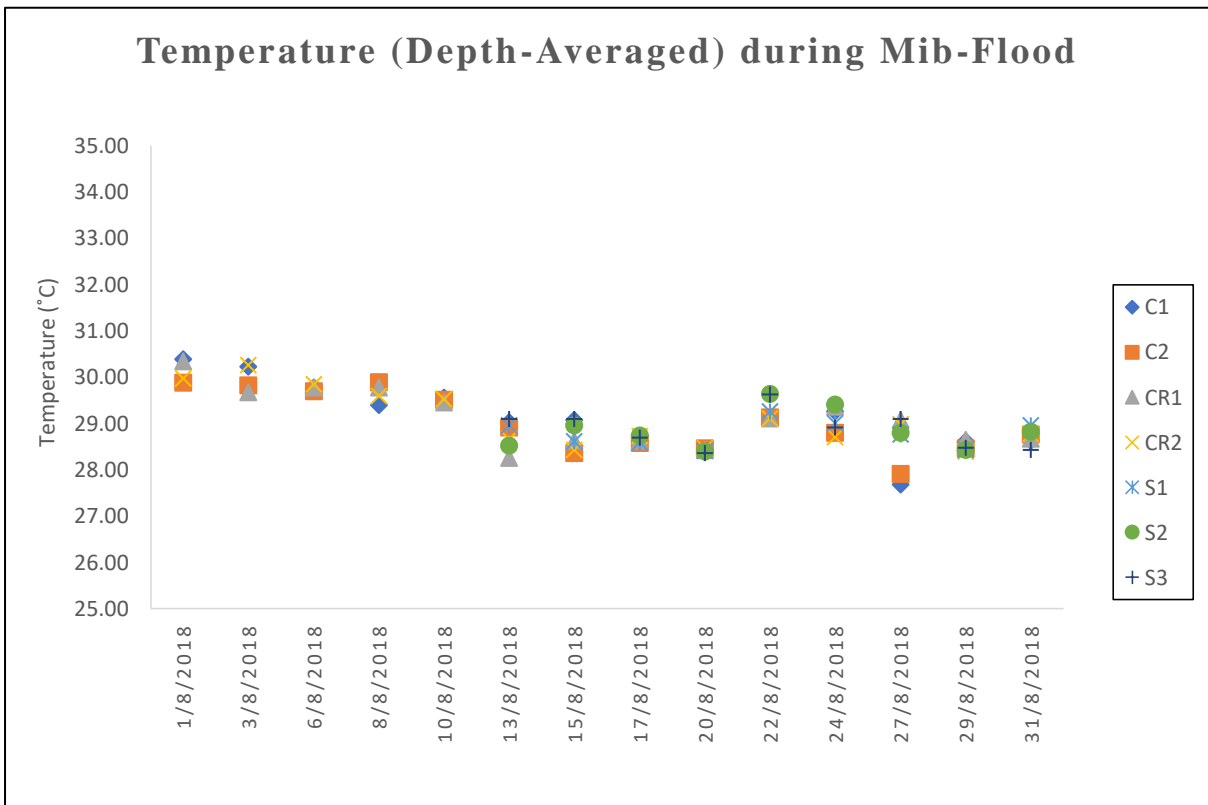
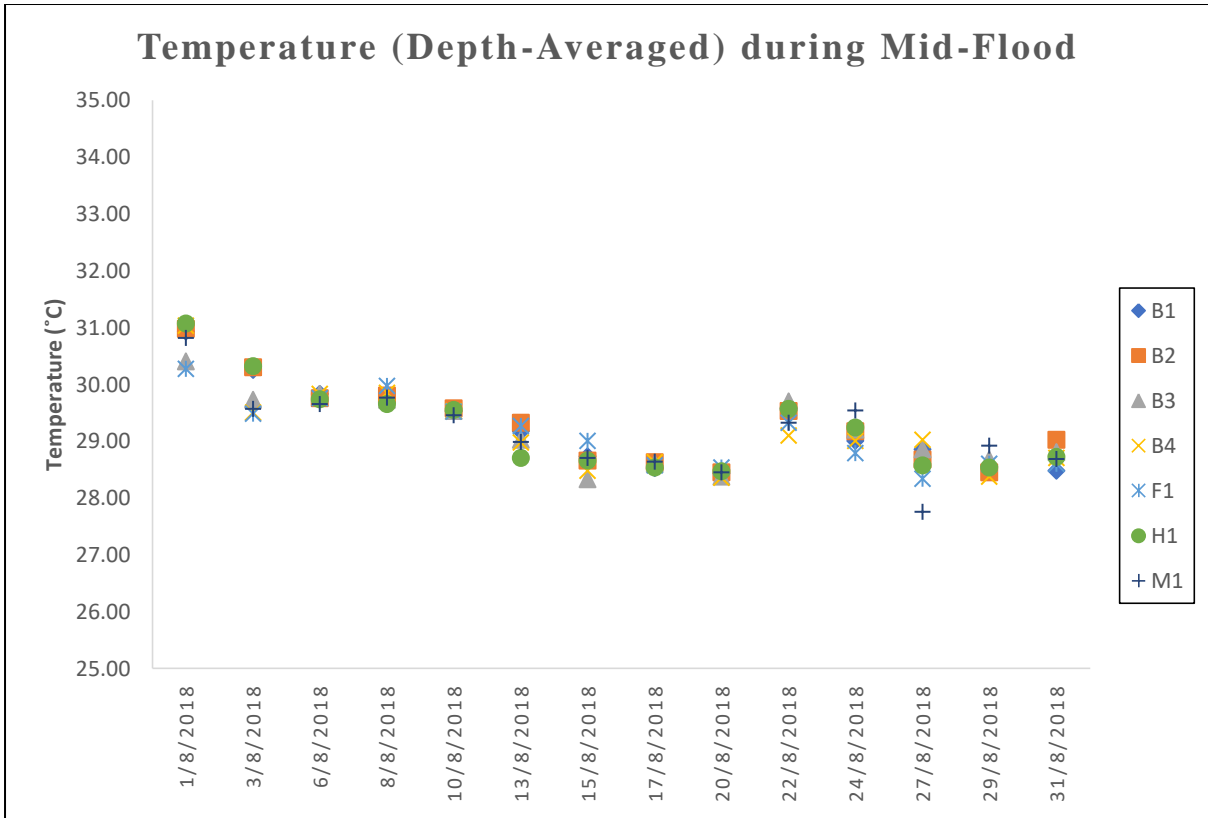
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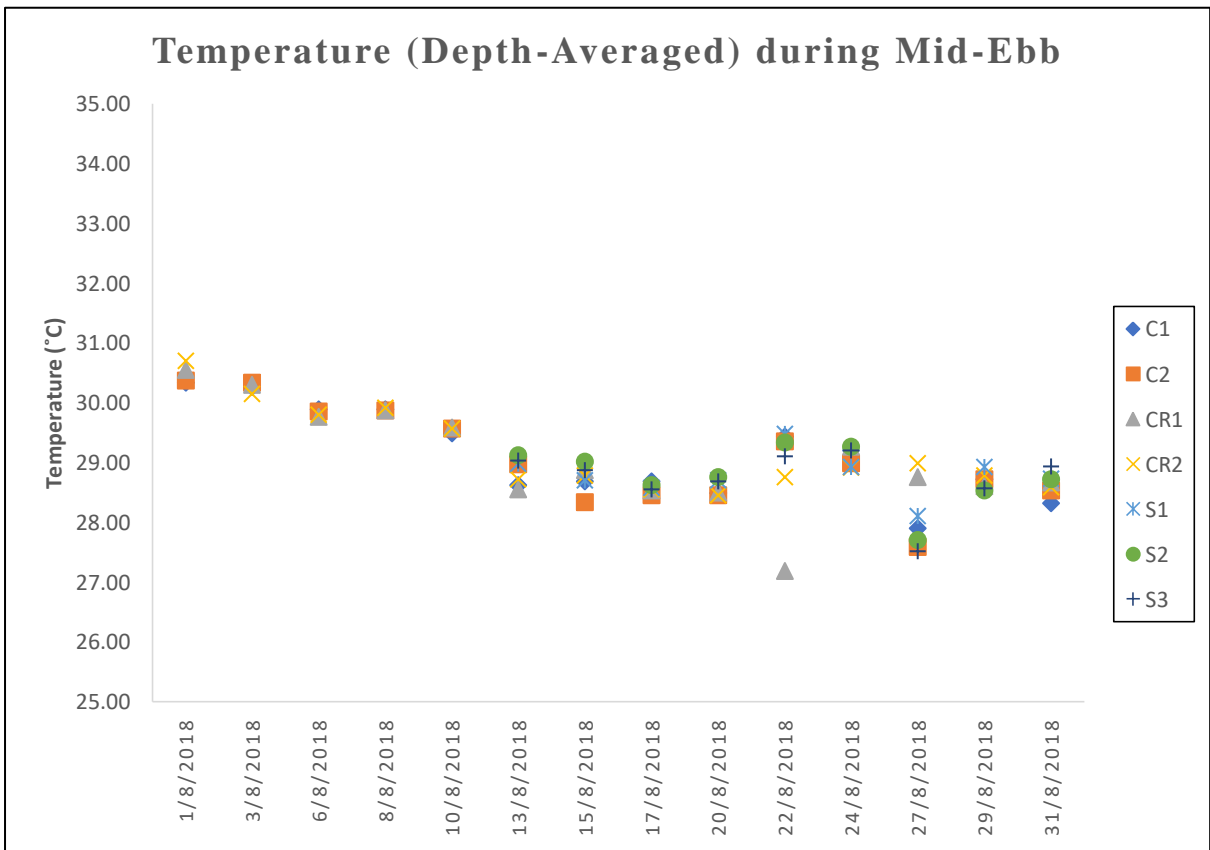
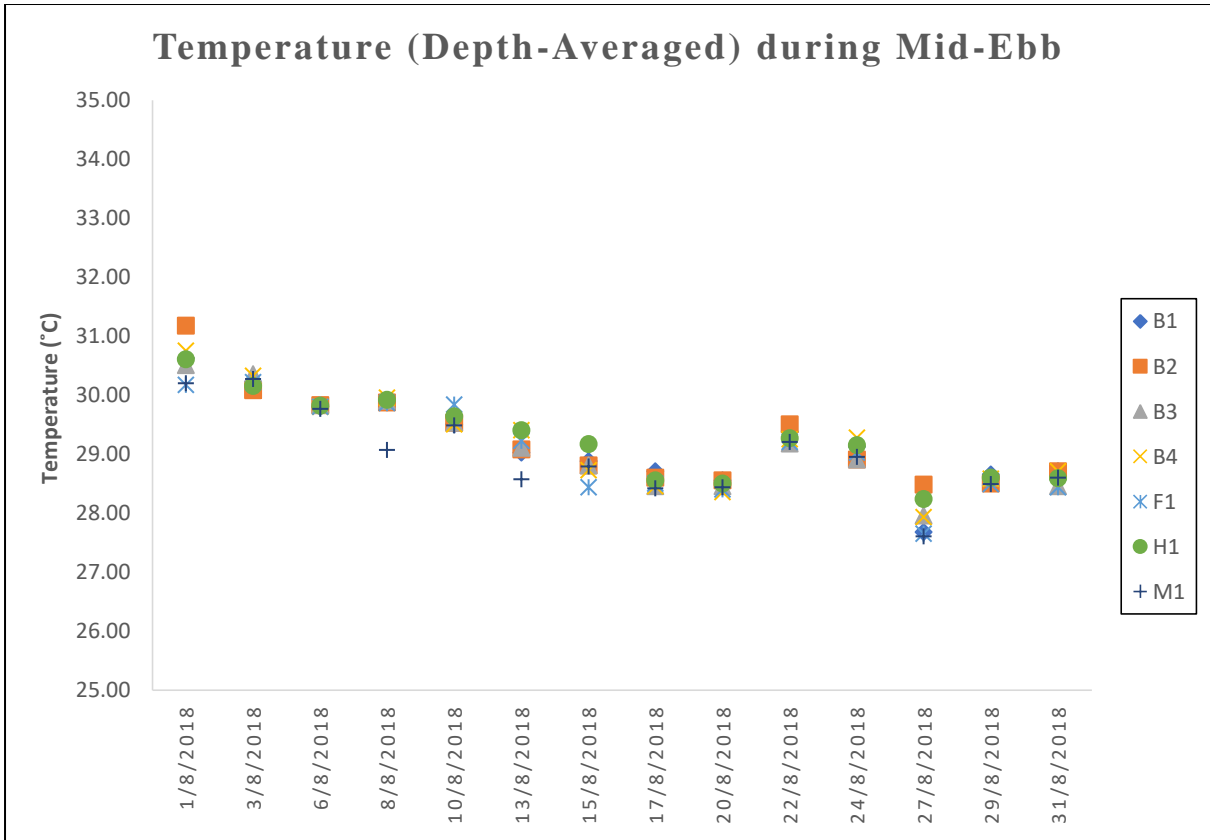
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



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