

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	2/9/2018	Cloudy	Calm	Mid-Flood	B	6.6	20:53	9.18	8.2	28.97	27.8	3.06	6	-	-	-
C2	2/9/2018	Cloudy	Calm	Mid-Flood	B	6.6	20:53	9.04	8.23	27.91	30.6	3.09	5	-	-	-
C2	2/9/2018	Cloudy	Calm	Mid-Flood	M	3.8	20:54	9.42	8.2	27	30.4	3.24	6	-	-	-
C2	2/9/2018	Cloudy	Calm	Mid-Flood	M	3.8	20:54	10.19	8.2	27.96	30.9	1.84	6	-	-	-
C2	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	20:55	8.24	8.22	27	30.9	2.1	5	-	-	-
C2	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	20:56	10.15	8.2	26.82	28	2.02	5	-	-	-
B4	2/9/2018	Cloudy	Calm	Mid-Flood	B	3.7	21:09	9.03	8.22	26.79	29	3.19	6	-	-	-
B4	2/9/2018	Cloudy	Calm	Mid-Flood	B	3.7	21:10	8.25	8.21	26.97	29.9	1.62	7	-	-	-
B4	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	21:11	10.14	8.2	29.21	29.8	3.87	6	-	-	-
B4	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	21:11	8.3	8.2	26.9	29.1	2.13	6	-	-	-
B3	2/9/2018	Cloudy	Calm	Mid-Flood	B	4	21:20	9.1	8.18	28.24	30.3	2.09	6	-	-	-
B3	2/9/2018	Cloudy	Calm	Mid-Flood	B	4	21:20	9.26	8.16	27.7	29.9	3.01	7	-	-	-
B3	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	21:21	8.44	8.2	27.6	30.8	4.11	6	-	-	-
B3	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	21:22	10.21	8.21	27.22	30.8	2.79	5	-	-	-
CR1	2/9/2018	Cloudy	Calm	Mid-Flood	B	15.2	21:33	8.3	8.2	29.32	30.6	2.64	7	-	-	-
CR1	2/9/2018	Cloudy	Calm	Mid-Flood	B	15.2	21:34	9.46	8.15	28.41	27.8	2.1	7	-	-	-
CR1	2/9/2018	Cloudy	Calm	Mid-Flood	M	8.1	21:34	8.34	8.18	28.01	28.8	2.96	7	-	-	-
CR1	2/9/2018	Cloudy	Calm	Mid-Flood	M	8.1	21:35	10.37	8.18	28.31	30	1.85	7	-	-	-
CR1	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	21:36	9.28	8.19	26.68	28.9	1.79	6	-	-	-
CR1	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	21:36	10.43	8.22	26.94	29.7	3.89	7	-	-	-
S3	2/9/2018	Cloudy	Calm	Mid-Flood	B	10.9	21:48	10.04	8.2	28.18	27.9	1.84	6	-	-	-
S3	2/9/2018	Cloudy	Calm	Mid-Flood	B	10.9	21:49	9.19	8.23	29.08	31.1	3.11	6	-	-	-
S3	2/9/2018	Cloudy	Calm	Mid-Flood	M	6	21:49	8.1	8.2	28.14	30.1	3.71	6	-	-	-
S3	2/9/2018	Cloudy	Calm	Mid-Flood	M	6	21:50	10.32	8.23	28.14	30.7	1.72	6	-	-	-
S3	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	21:50	8.07	8.22	28.1	29	1.78	4	-	-	-
S3	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	21:51	8.46	8.16	28.77	28.8	1.64	5	-	-	-
CR2	2/9/2018	Cloudy	Calm	Mid-Flood	B	11.2	22:04	10.47	8.18	29.12	29.9	4.14	8	-	-	-
CR2	2/9/2018	Cloudy	Calm	Mid-Flood	B	11.2	22:04	10.25	8.21	28.94	30.6	2.01	8	-	-	-
CR2	2/9/2018	Cloudy	Calm	Mid-Flood	M	6.1	22:05	10.05	8.2	29.01	29.4	1.9	6	-	-	-
CR2	2/9/2018	Cloudy	Calm	Mid-Flood	M	6.1	22:05	9.28	8.19	28.72	30.4	4.4	6	-	-	-

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CR2	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	22:06	9.44	8.23	27.02	27.9	1.93	6	-	-	-
CR2	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	22:07	10.25	8.22	27.88	29.9	1.71	6	-	-	-
H1	2/9/2018	Cloudy	Calm	Mid-Flood	B	5.6	22:20	9.02	8.22	27.98	29	3.18	6	-	-	-
H1	2/9/2018	Cloudy	Calm	Mid-Flood	B	5.6	22:21	10.24	8.21	26.91	30.4	1.98	5	-	-	-
H1	2/9/2018	Cloudy	Calm	Mid-Flood	M	3.3	22:22	10.41	8.16	28.78	28.1	2.91	4	-	-	-
H1	2/9/2018	Cloudy	Calm	Mid-Flood	M	3.3	22:22	9.42	8.21	28.07	29	3.22	5	-	-	-
H1	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	22:23	8.25	8.16	27.88	29.8	2.08	5	-	-	-
H1	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	22:23	9.11	8.19	26.95	29	2.17	5	-	-	-
S2	2/9/2018	Cloudy	Calm	Mid-Flood	B	8	22:37	8.44	8.22	28.17	30.7	3.02	7	-	-	-
S2	2/9/2018	Cloudy	Calm	Mid-Flood	B	8	22:38	9.14	8.18	27.22	28.1	3.71	6	-	-	-
S2	2/9/2018	Cloudy	Calm	Mid-Flood	M	4.5	22:38	10.07	8.19	27.11	27.8	2.2	5	-	-	-
S2	2/9/2018	Cloudy	Calm	Mid-Flood	M	4.5	22:39	10.36	8.22	29.11	30.2	3.74	5	-	-	-
S2	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	22:39	10.25	8.19	26.68	30	2.01	5	-	-	-
S2	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	22:40	8.12	8.19	26.92	29	2.26	4	-	-	-
B2	2/9/2018	Cloudy	Calm	Mid-Flood	B	3.5	22:53	8.2	8.17	29.32	29.9	3.88	7	-	-	-
B2	2/9/2018	Cloudy	Calm	Mid-Flood	B	3.5	22:53	8.21	8.23	29.06	27.9	2.58	7	-	-	-
B2	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	22:54	8.46	8.2	27.18	30	2.73	6	-	-	-
B2	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	22:55	9.25	8.2	26.77	30	2.86	7	-	-	-
S1	2/9/2018	Cloudy	Calm	Mid-Flood	B	4.1	23:05	10.38	8.19	28.65	31.2	3.56	7	-	-	-
S1	2/9/2018	Cloudy	Calm	Mid-Flood	B	4.1	23:06	9.18	8.2	28.66	28.8	2.1	7	-	-	-
S1	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	23:06	9.4	8.16	27.66	31	1.73	6	-	-	-
S1	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	23:07	9.29	8.21	26.57	27.6	2.47	5	-	-	-
B1	2/9/2018	Cloudy	Calm	Mid-Flood	B	4.6	23:18	8.46	8.19	27.23	27.8	1.9	8	-	-	-
B1	2/9/2018	Cloudy	Calm	Mid-Flood	B	4.6	23:18	8.47	8.18	27.1	27.6	1.84	8	-	-	-
B1	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	23:19	9.3	8.22	27.84	30.3	3.84	7	-	-	-
B1	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	23:20	9.42	8.2	29.22	28.8	4.12	8	-	-	-
C1	2/9/2018	Cloudy	Calm	Mid-Flood	B	9.6	23:33	9.22	8.23	29.02	30.1	2.3	8	-	-	-
C1	2/9/2018	Cloudy	Calm	Mid-Flood	B	9.6	23:34	9.38	8.16	28.08	31.1	2.99	7	-	-	-
C1	2/9/2018	Cloudy	Calm	Mid-Flood	M	5.3	23:34	9.32	8.19	26.76	28.3	4.18	7	-	-	-
C1	2/9/2018	Cloudy	Calm	Mid-Flood	M	5.3	23:35	10.2	8.21	28.23	31.1	4.03	6	-	-	-
C1	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	23:36	8.15	8.2	28.79	31.1	2.83	4	-	-	-

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C1	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	23:36	8.09	8.2	27.19	31.1	4.03	4	-	-	-
M1	2/9/2018	Cloudy	Calm	Mid-Flood	B	8.1	23:53	8.39	8.24	26.65	31.2	4.05	8	-	-	-
M1	2/9/2018	Cloudy	Calm	Mid-Flood	B	8.1	23:53	10.2	8.23	27.33	29.9	4.01	8	-	-	-
M1	2/9/2018	Cloudy	Calm	Mid-Flood	M	4.6	23:54	10.37	8.21	29.08	31	1.63	7	-	-	-
M1	2/9/2018	Cloudy	Calm	Mid-Flood	M	4.6	23:55	10.42	8.17	29	28	3.03	7	-	-	-
M1	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	23:55	9.21	8.19	27.33	30.9	2.82	6	-	-	-
M1	2/9/2018	Cloudy	Calm	Mid-Flood	S	1	23:56	8.23	8.17	28.97	30.9	1.97	6	-	-	-
F1	3/9/2018	Cloudy	Calm	Mid-Flood	B	5.5	0:10	8.45	8.21	28.99	31	3.99	9	-	-	-
F1	3/9/2018	Cloudy	Calm	Mid-Flood	B	5.5	0:10	10.09	8.15	29.11	31.1	2.97	10	-	-	-
F1	3/9/2018	Cloudy	Calm	Mid-Flood	M	3.3	0:11	9.29	8.18	28.97	30.1	1.69	6	-	-	-
F1	3/9/2018	Cloudy	Calm	Mid-Flood	M	3.3	0:11	10.26	8.19	28.97	28	3.71	6	-	-	-
F1	3/9/2018	Cloudy	Calm	Mid-Flood	S	1	0:12	10.44	8.2	29.12	28.8	2.18	6	-	-	-
F1	3/9/2018	Cloudy	Calm	Mid-Flood	S	1	0:13	9.04	8.19	26.95	30.5	2.73	5	-	-	-
C1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	9.5	3:55	10.44	8.18	27.14	29.4	2.12	9	-	-	-
C1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	9.5	3:56	10.35	8.21	27.88	29.4	4.12	9	-	-	-
C1	3/9/2018	Cloudy	Calm	Mid-Ebb	M	5.3	3:56	8.39	8.23	26.89	30.9	4.07	5	-	-	-
C1	3/9/2018	Cloudy	Calm	Mid-Ebb	M	5.3	3:57	9.33	8.21	28.42	28	4.11	5	-	-	-
C1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	3:58	9.39	8.19	27.4	28.6	3.86	5	-	-	-
C1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	3:58	10.19	8.23	26.85	28.3	3.48	4	-	-	-
B1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	4.3	4:11	9.37	8.22	26.76	28.8	3.27	3	-	-	-
B1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	4.3	4:12	8.38	8.19	27.88	29	1.82	4	-	-	-
B1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	4:12	9.33	8.21	28.13	28	3.28	3	-	-	-
B1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	4:13	8.29	8.2	29.03	28.3	2.55	4	-	-	-
S1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	4.1	4:22	9.01	8.2	28.1	30.3	2.36	5	-	-	-
S1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	4.1	4:23	8.04	8.17	29.05	29.1	4.31	6	-	-	-
S1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	4:24	9.09	8.2	28.16	28.6	2.99	5	-	-	-
S1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	4:24	8.19	8.2	27.24	30.3	4.02	5	-	-	-
B2	3/9/2018	Cloudy	Calm	Mid-Ebb	B	3.1	4:35	10.13	8.23	27.98	28.8	1.85	9	-	-	-
B2	3/9/2018	Cloudy	Calm	Mid-Ebb	B	3.1	4:35	10.11	8.23	28.69	29.9	1.98	8	-	-	-
B2	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	4:36	9.37	8.2	27.21	30	3.81	8	-	-	-
B2	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	4:37	8.4	8.23	28.05	31	3.98	9	-	-	-

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S2	3/9/2018	Cloudy	Calm	Mid-Ebb	B	7.9	4:50	8.43	8.16	28.79	28.8	2.76	5	-	-	-
S2	3/9/2018	Cloudy	Calm	Mid-Ebb	B	7.9	4:51	9.17	8.22	27.95	29.4	3.87	5	-	-	-
S2	3/9/2018	Cloudy	Calm	Mid-Ebb	M	4.5	4:52	9.24	8.22	28.87	29.9	1.67	5	-	-	-
S2	3/9/2018	Cloudy	Calm	Mid-Ebb	M	4.5	4:52	9.08	8.23	29.2	28.1	3.97	6	-	-	-
S2	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	4:53	9.03	8.22	29.31	28	4.01	5	-	-	-
S2	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	4:53	9.42	8.21	28.68	29	1.97	5	-	-	-
H1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	5.1	5:06	8.11	8.2	28.87	28.5	2.9	10	-	-	-
H1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	5.1	5:07	8.36	8.19	27.86	29	4.21	11	-	-	-
H1	3/9/2018	Cloudy	Calm	Mid-Ebb	M	3.1	5:07	8.02	8.23	27.3	29.3	4.28	9	-	-	-
H1	3/9/2018	Cloudy	Calm	Mid-Ebb	M	3.1	5:08	10.18	8.21	28.96	30.4	3.03	10	-	-	-
H1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	5:08	8.21	8.22	29.13	30.5	4.04	7	-	-	-
H1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	5:09	10.42	8.24	27.65	27.7	2.79	7	-	-	-
CR2	3/9/2018	Cloudy	Calm	Mid-Ebb	B	11.1	5:22	9.41	8.2	26.82	29	4.1	8	-	-	-
CR2	3/9/2018	Cloudy	Calm	Mid-Ebb	B	11.1	5:22	9.41	8.17	27.96	29.3	2.11	8	-	-	-
CR2	3/9/2018	Cloudy	Calm	Mid-Ebb	M	6.1	5:23	8.22	8.19	29.19	30.1	4.38	7	-	-	-
CR2	3/9/2018	Cloudy	Calm	Mid-Ebb	M	6.1	5:24	8.49	8.24	28.88	30.4	3.73	7	-	-	-
CR2	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	5:24	9.33	8.22	26.94	30.2	1.93	7	-	-	-
CR2	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	5:25	10.21	8.18	27.91	28.9	2.12	7	-	-	-
S3	3/9/2018	Cloudy	Calm	Mid-Ebb	B	10.1	5:39	8.33	8.21	28.82	28.8	3.95	5	-	-	-
S3	3/9/2018	Cloudy	Calm	Mid-Ebb	B	10.1	5:40	10.43	8.2	29.07	29.3	2.02	5	-	-	-
S3	3/9/2018	Cloudy	Calm	Mid-Ebb	M	5.6	5:41	8.27	8.23	27.28	27.9	2.24	4	-	-	-
S3	3/9/2018	Cloudy	Calm	Mid-Ebb	M	5.6	5:41	10.02	8.24	29.12	30.8	1.79	4	-	-	-
S3	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	5:42	9.26	8.2	27	28.8	2.66	4	-	-	-
S3	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	5:43	8.46	8.2	26.93	28	2.37	4	-	-	-
CR1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	14.9	5:55	8.46	8.17	27.85	31	2.8	8	-	-	-
CR1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	14.9	5:56	10.22	8.19	27.56	29	4.06	8	-	-	-
CR1	3/9/2018	Cloudy	Calm	Mid-Ebb	M	8	5:56	10.41	8.21	26.96	29.2	3.05	5	-	-	-
CR1	3/9/2018	Cloudy	Calm	Mid-Ebb	M	8	5:57	8.27	8.22	26.76	29.3	3.42	5	-	-	-
CR1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	5:58	10.31	8.2	27.44	30	1.81	4	-	-	-
CR1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	5:58	9.28	8.16	28.24	30.7	3.78	4	-	-	-
B3	3/9/2018	Cloudy	Calm	Mid-Ebb	B	3.7	6:07	9.28	8.21	28.87	29.1	3.91	4	-	-	-

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B3	3/9/2018	Cloudy	Calm	Mid-Ebb	B	3.7	6:07	9.48	8.23	28.84	28.1	1.63	5	-	-	-
B3	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	6:08	10.22	8.17	27.62	29.2	2.19	5	-	-	-
B3	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	6:09	9.15	8.17	29.08	30.9	2.83	5	-	-	-
B4	3/9/2018	Cloudy	Calm	Mid-Ebb	B	3.3	6:20	10.22	8.16	27.06	31	4.49	6	-	-	-
B4	3/9/2018	Cloudy	Calm	Mid-Ebb	B	3.3	6:21	8.2	8.2	26.58	30.9	4.22	5	-	-	-
B4	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	6:22	9.24	8.18	26.53	30.7	1.98	5	-	-	-
B4	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	6:22	8.07	8.22	28.14	30.2	2.33	4	-	-	-
C2	3/9/2018	Cloudy	Calm	Mid-Ebb	B	6.1	6:35	9.35	8.18	27.28	30.3	1.94	9	-	-	-
C2	3/9/2018	Cloudy	Calm	Mid-Ebb	B	6.1	6:35	8.31	8.18	27.37	30.8	1.67	9	-	-	-
C2	3/9/2018	Cloudy	Calm	Mid-Ebb	M	3.6	6:36	9.22	8.18	29.18	30	2.42	7	-	-	-
C2	3/9/2018	Cloudy	Calm	Mid-Ebb	M	3.6	6:37	9.48	8.19	27.93	30.9	4.06	7	-	-	-
C2	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	6:37	8.38	8.18	26.96	28	1.96	6	-	-	-
C2	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	6:38	10.15	8.19	26.78	28	3.88	6	-	-	-
F1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	5.5	6:55	8.09	8.22	26.98	28	2.05	6	-	-	-
F1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	5.5	6:56	10.16	8.22	29.32	28.6	2.92	7	-	-	-
F1	3/9/2018	Cloudy	Calm	Mid-Ebb	M	3.3	6:57	9.17	8.2	27.97	30.3	4.32	7	-	-	-
F1	3/9/2018	Cloudy	Calm	Mid-Ebb	M	3.3	6:57	8.37	8.2	27.89	29.1	1.98	7	-	-	-
F1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	6:58	8.1	8.17	28.31	29.2	2.79	6	-	-	-
F1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	6:59	10.36	8.2	28.34	28.9	2.83	5	-	-	-
M1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	7.7	7:12	10	8.22	29.03	30	4.18	7	-	-	-
M1	3/9/2018	Cloudy	Calm	Mid-Ebb	B	7.7	7:13	10.15	8.22	27.03	28.9	3.81	6	-	-	-
M1	3/9/2018	Cloudy	Calm	Mid-Ebb	M	4.4	7:13	10.45	8.24	28.23	31	4.03	4	-	-	-
M1	3/9/2018	Cloudy	Calm	Mid-Ebb	M	4.4	7:14	9.03	8.18	28.07	28.2	3.97	4	-	-	-
M1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	7:15	9.43	8.18	29.12	28.3	3.6	3	-	-	-
M1	3/9/2018	Cloudy	Calm	Mid-Ebb	S	1	7:15	8.08	8.21	29.14	30	3.86	4	-	-	-
C2	4/9/2018	Fine	Calm	Mid-Flood	B	6.7	22:48	9.14	8.22	28.1	28.7	2.78	8	-	-	-
C2	4/9/2018	Fine	Calm	Mid-Flood	B	6.7	22:48	10.37	8.22	28.21	29.4	1.84	8	-	-	-
C2	4/9/2018	Fine	Calm	Mid-Flood	M	3.9	22:49	9.3	8.19	28.87	30.7	1.8	6	-	-	-
C2	4/9/2018	Fine	Calm	Mid-Flood	M	3.9	22:50	10.3	8.23	26.95	29	2.21	6	-	-	-
C2	4/9/2018	Fine	Calm	Mid-Flood	S	1	22:50	8	8.18	27.63	29	3.06	4	-	-	-
C2	4/9/2018	Fine	Calm	Mid-Flood	S	1	22:51	10.2	8.21	29	28.1	4.16	5	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	4/9/2018	Fine	Calm	Mid-Flood	B	3.7	23:04	8.47	8.17	27.34	30.9	3.21	6	-	-	-
B4	4/9/2018	Fine	Calm	Mid-Flood	B	3.7	23:04	9.05	8.23	28.96	28.9	2.67	6	-	-	-
B4	4/9/2018	Fine	Calm	Mid-Flood	S	1	23:05	9.24	8.2	26.77	28.1	3.75	5	-	-	-
B4	4/9/2018	Fine	Calm	Mid-Flood	S	1	23:05	10.22	8.18	26.97	30.9	2.44	4	-	-	-
B3	4/9/2018	Fine	Calm	Mid-Flood	B	4.2	23:15	8.15	8.21	29.18	27.8	4.15	5	-	-	-
B3	4/9/2018	Fine	Calm	Mid-Flood	B	4.2	23:16	10.42	8.21	27.64	28.9	3.99	6	-	-	-
B3	4/9/2018	Fine	Calm	Mid-Flood	S	1	23:16	8.31	8.21	27.07	29.2	2.07	5	-	-	-
B3	4/9/2018	Fine	Calm	Mid-Flood	S	1	23:17	10.14	8.2	29.09	29	4.02	6	-	-	-
CR1	4/9/2018	Fine	Calm	Mid-Flood	B	15.3	23:28	8.12	8.16	29.18	29.2	2.94	3	-	-	-
CR1	4/9/2018	Fine	Calm	Mid-Flood	B	15.3	23:29	8.02	8.2	27.41	29.8	3.18	3	-	-	-
CR1	4/9/2018	Fine	Calm	Mid-Flood	M	8.2	23:30	10.48	8.22	29	31	2.09	3	-	-	-
CR1	4/9/2018	Fine	Calm	Mid-Flood	M	8.2	23:30	8.34	8.2	29.23	28.1	3.01	4	-	-	-
CR1	4/9/2018	Fine	Calm	Mid-Flood	S	1	23:31	10.34	8.22	27.93	30.2	2.04	3	-	-	-
CR1	4/9/2018	Fine	Calm	Mid-Flood	S	1	23:32	8.49	8.21	27.09	27.8	4.33	4	-	-	-
S3	4/9/2018	Fine	Calm	Mid-Flood	B	10.8	23:43	10.49	8.22	27.93	30.6	2.19	6	-	-	-
S3	4/9/2018	Fine	Calm	Mid-Flood	B	10.8	23:44	8.5	8.23	28.89	30.2	3.4	6	-	-	-
S3	4/9/2018	Fine	Calm	Mid-Flood	M	5.9	23:44	10.15	8.17	27.77	30.7	2.02	5	-	-	-
S3	4/9/2018	Fine	Calm	Mid-Flood	M	5.9	23:45	9.14	8.18	27.91	30.8	3.29	6	-	-	-
S3	4/9/2018	Fine	Calm	Mid-Flood	S	1	23:46	10.16	8.16	26.97	29.9	3.04	4	-	-	-
S3	4/9/2018	Fine	Calm	Mid-Flood	S	1	23:46	10.44	8.15	28.09	29.9	2.97	5	-	-	-
CR2	5/9/2018	Fine	Calm	Mid-Flood	B	11.3	0:00	9.41	8.22	26.91	28.1	2.97	6	-	-	-
CR2	5/9/2018	Fine	Calm	Mid-Flood	B	11.3	0:01	8.48	8.17	27.17	30.3	3.83	6	-	-	-
CR2	5/9/2018	Fine	Calm	Mid-Flood	M	6.2	0:01	10.41	8.2	28.67	29.8	2.12	3	-	-	-
CR2	5/9/2018	Fine	Calm	Mid-Flood	M	6.2	0:02	9.06	8.23	29.37	29.8	2.65	4	-	-	-
CR2	5/9/2018	Fine	Calm	Mid-Flood	S	1	0:02	8.08	8.22	28.96	28.9	2.31	3	-	-	-
CR2	5/9/2018	Fine	Calm	Mid-Flood	S	1	0:03	9.32	8.21	27.62	28.3	4.02	3	-	-	-
H1	5/9/2018	Fine	Calm	Mid-Flood	B	5.6	0:15	10.31	8.19	28.73	28.8	2.01	7	-	-	-
H1	5/9/2018	Fine	Calm	Mid-Flood	B	5.6	0:15	8.17	8.22	28.87	28.8	2.93	7	-	-	-
H1	5/9/2018	Fine	Calm	Mid-Flood	M	3.3	0:16	10.4	8.21	27.67	29.9	1.84	6	-	-	-
H1	5/9/2018	Fine	Calm	Mid-Flood	M	3.3	0:16	9.09	8.18	28.12	28.7	1.97	5	-	-	-
H1	5/9/2018	Fine	Calm	Mid-Flood	S	1	0:17	8.34	8.21	27.06	28.9	3.92	4	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	5/9/2018	Fine	Calm	Mid-Flood	S	1	0:18	10.42	8.22	27.96	29.9	1.98	4	-	-	-
S2	5/9/2018	Fine	Calm	Mid-Flood	B	8.1	0:32	8.3	8.2	26.91	28.7	3.96	4	-	-	-
S2	5/9/2018	Fine	Calm	Mid-Flood	B	8.1	0:33	8.38	8.21	29.18	27.7	2.84	4	-	-	-
S2	5/9/2018	Fine	Calm	Mid-Flood	M	4.6	0:34	8.16	8.19	27.87	27.9	3.16	4	-	-	-
S2	5/9/2018	Fine	Calm	Mid-Flood	M	4.6	0:34	10.19	8.21	28	30.3	3.33	5	-	-	-
S2	5/9/2018	Fine	Calm	Mid-Flood	S	1	0:35	10.03	8.21	28.99	31.1	3.04	4	-	-	-
S2	5/9/2018	Fine	Calm	Mid-Flood	S	1	0:35	9.13	8.21	27.86	28.1	2.8	3	-	-	-
B2	5/9/2018	Fine	Calm	Mid-Flood	B	3.7	0:48	9.13	8.21	27.72	30.7	3.77	7	-	-	-
B2	5/9/2018	Fine	Calm	Mid-Flood	B	3.7	0:49	9.32	8.19	27.92	29.2	1.91	8	-	-	-
B2	5/9/2018	Fine	Calm	Mid-Flood	S	1	0:49	9.36	8.19	26.96	30	2.11	4	-	-	-
B2	5/9/2018	Fine	Calm	Mid-Flood	S	1	0:50	9.3	8.21	28.17	29.1	1.86	5	-	-	-
S1	5/9/2018	Fine	Calm	Mid-Flood	B	4.2	1:00	10.48	8.21	29.37	27.8	2.9	6	-	-	-
S1	5/9/2018	Fine	Calm	Mid-Flood	B	4.2	1:01	9.11	8.21	28.2	29.8	4.41	6	-	-	-
S1	5/9/2018	Fine	Calm	Mid-Flood	S	1	1:02	8.36	8.18	28.01	30.7	2.86	5	-	-	-
S1	5/9/2018	Fine	Calm	Mid-Flood	S	1	1:02	10.44	8.21	27.99	30.2	4.11	4	-	-	-
B1	5/9/2018	Fine	Calm	Mid-Flood	B	4.7	1:13	9.08	8.19	28.9	29.8	2.82	5	-	-	-
B1	5/9/2018	Fine	Calm	Mid-Flood	B	4.7	1:14	8.01	8.24	28.23	28.8	2.08	5	-	-	-
B1	5/9/2018	Fine	Calm	Mid-Flood	S	1	1:14	10.16	8.17	27.14	28.9	3.01	4	-	-	-
B1	5/9/2018	Fine	Calm	Mid-Flood	S	1	1:15	10.13	8.24	28.71	30.1	3.83	3	-	-	-
C1	5/9/2018	Fine	Calm	Mid-Flood	B	9.9	1:28	9.35	8.21	26.89	29.6	1.94	6	-	-	-
C1	5/9/2018	Fine	Calm	Mid-Flood	B	9.9	1:29	8.02	8.17	28.18	30	1.89	7	-	-	-
C1	5/9/2018	Fine	Calm	Mid-Flood	M	5.5	1:30	8.01	8.2	28.24	27.9	2.03	5	-	-	-
C1	5/9/2018	Fine	Calm	Mid-Flood	M	5.5	1:30	9.01	8.17	28.72	30.3	1.86	5	-	-	-
C1	5/9/2018	Fine	Calm	Mid-Flood	S	1	1:31	10.29	8.23	27.8	31.1	4.37	4	-	-	-
C1	5/9/2018	Fine	Calm	Mid-Flood	S	1	1:31	8.49	8.2	28.94	27.8	2.68	4	-	-	-
M1	5/9/2018	Fine	Calm	Mid-Flood	B	8.3	1:48	10.11	8.19	26.91	27.9	4.03	6	-	-	-
M1	5/9/2018	Fine	Calm	Mid-Flood	B	8.3	1:49	8.15	8.17	28.22	27.8	3.21	6	-	-	-
M1	5/9/2018	Fine	Calm	Mid-Flood	M	4.7	1:49	9.23	8.2	28.92	29.2	3.89	5	-	-	-
M1	5/9/2018	Fine	Calm	Mid-Flood	M	4.7	1:50	8.41	8.21	26.68	30.9	4.04	5	-	-	-
M1	5/9/2018	Fine	Calm	Mid-Flood	S	1	1:51	10.49	8.17	27.91	28.1	3.15	5	-	-	-
M1	5/9/2018	Fine	Calm	Mid-Flood	S	1	1:51	10.13	8.19	28.02	27.7	2.97	5	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	5/9/2018	Fine	Calm	Mid-Flood	B	6	2:05	8.33	8.2	26.99	28.9	2.08	9	-	-	-
F1	5/9/2018	Fine	Calm	Mid-Flood	B	6	2:05	9.39	8.17	29.06	29.1	2.03	9	-	-	-
F1	5/9/2018	Fine	Calm	Mid-Flood	M	3.5	2:06	8.1	8.17	26.99	29	2	7	-	-	-
F1	5/9/2018	Fine	Calm	Mid-Flood	M	3.5	2:07	8.37	8.22	28.93	28.1	3.96	6	-	-	-
F1	5/9/2018	Fine	Calm	Mid-Flood	S	1	2:07	9.41	8.18	27.81	29	2.19	5	-	-	-
F1	5/9/2018	Fine	Calm	Mid-Flood	S	1	2:08	9.06	8.21	29.2	28.9	4.18	5	-	-	-
C1	5/9/2018	Fine	Calm	Mid-Ebb	B	9.3	6:30	9.07	8.16	26.94	29	2.67	5	-	-	-
C1	5/9/2018	Fine	Calm	Mid-Ebb	B	9.3	6:31	8.14	8.21	29.14	31.2	2.2	5	-	-	-
C1	5/9/2018	Fine	Calm	Mid-Ebb	M	5.2	6:32	10.03	8.2	28.32	29.8	3.17	5	-	-	-
C1	5/9/2018	Fine	Calm	Mid-Ebb	M	5.2	6:32	8.03	8.18	27.77	29.2	3.98	4	-	-	-
C1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	6:33	8.04	8.19	27.6	30	2.97	4	-	-	-
C1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	6:34	8.18	8.21	26.68	30.3	3.78	5	-	-	-
B1	5/9/2018	Fine	Calm	Mid-Ebb	B	4.3	6:46	9.07	8.17	27.33	27.8	1.97	4	-	-	-
B1	5/9/2018	Fine	Calm	Mid-Ebb	B	4.3	6:47	10.44	8.18	28.06	31.1	3.31	3	-	-	-
B1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	6:47	9.14	8.17	28	30	3.91	3	-	-	-
B1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	6:48	9.08	8.2	28.82	30.6	4.07	4	-	-	-
S1	5/9/2018	Fine	Calm	Mid-Ebb	B	4.1	6:57	9.4	8.19	28.42	30.2	4	3	-	-	-
S1	5/9/2018	Fine	Calm	Mid-Ebb	B	4.1	6:57	9.01	8.16	28.02	30.9	3.96	3	-	-	-
S1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	6:58	8.14	8.19	28.92	27.7	3.26	3	-	-	-
S1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	6:59	10.28	8.2	27.77	29.2	3.15	3	-	-	-
B2	5/9/2018	Fine	Calm	Mid-Ebb	B	3.3	7:10	10.38	8.16	28.96	30.7	3.75	6	-	-	-
B2	5/9/2018	Fine	Calm	Mid-Ebb	B	3.3	7:11	8.11	8.21	27.76	31.2	2.08	5	-	-	-
B2	5/9/2018	Fine	Calm	Mid-Ebb	S	1	7:11	9.17	8.17	27.94	29.7	1.92	4	-	-	-
B2	5/9/2018	Fine	Calm	Mid-Ebb	S	1	7:12	9.13	8.19	29.17	29	3.29	4	-	-	-
S2	5/9/2018	Fine	Calm	Mid-Ebb	B	8.1	7:25	9.48	8.16	27.92	31.2	2.71	4	-	-	-
S2	5/9/2018	Fine	Calm	Mid-Ebb	B	8.1	7:25	10.05	8.21	28.58	29.5	1.81	4	-	-	-
S2	5/9/2018	Fine	Calm	Mid-Ebb	M	4.6	7:26	8.49	8.19	26.88	28.1	3.92	5	-	-	-
S2	5/9/2018	Fine	Calm	Mid-Ebb	M	4.6	7:26	10.36	8.2	28.98	30	3.95	4	-	-	-
S2	5/9/2018	Fine	Calm	Mid-Ebb	S	1	7:27	8.37	8.21	28.47	29.4	2.98	4	-	-	-
S2	5/9/2018	Fine	Calm	Mid-Ebb	S	1	7:28	10.49	8.22	27.73	29.2	2.78	4	-	-	-
H1	5/9/2018	Fine	Calm	Mid-Ebb	B	5.5	7:41	10.15	8.21	27.34	27.9	3.76	7	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	5/9/2018	Fine	Calm	Mid-Ebb	B	5.5	7:42	9.3	8.22	29.32	30.7	3.78	7	-	-	-
H1	5/9/2018	Fine	Calm	Mid-Ebb	M	3.3	7:43	8.45	8.19	29.26	30.1	2.17	5	-	-	-
H1	5/9/2018	Fine	Calm	Mid-Ebb	M	3.3	7:43	9.26	8.21	27.01	30.3	1.64	5	-	-	-
H1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	7:44	9.38	8.2	26.88	29.9	2.95	4	-	-	-
H1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	7:44	8.43	8.2	27.14	27.6	3.01	5	-	-	-
CR2	5/9/2018	Fine	Calm	Mid-Ebb	B	11.1	7:57	10.4	8.19	27.95	31.1	1.81	7	-	-	-
CR2	5/9/2018	Fine	Calm	Mid-Ebb	B	11.1	7:58	9.36	8.19	27.09	28	2.91	7	-	-	-
CR2	5/9/2018	Fine	Calm	Mid-Ebb	M	6.1	7:58	9.48	8.21	28.94	28.1	3.06	5	-	-	-
CR2	5/9/2018	Fine	Calm	Mid-Ebb	M	6.1	7:59	10.16	8.19	27.41	28.2	1.82	5	-	-	-
CR2	5/9/2018	Fine	Calm	Mid-Ebb	S	1	7:59	9.27	8.2	28.17	29.6	3.85	4	-	-	-
CR2	5/9/2018	Fine	Calm	Mid-Ebb	S	1	8:00	10.41	8.23	26.99	29.6	3.87	3	-	-	-
S3	5/9/2018	Fine	Calm	Mid-Ebb	B	10.7	8:14	8.41	8.17	26.72	28.1	3.31	5	-	-	-
S3	5/9/2018	Fine	Calm	Mid-Ebb	B	10.7	8:14	10.31	8.2	29.12	30.8	4.22	6	-	-	-
S3	5/9/2018	Fine	Calm	Mid-Ebb	M	5.9	8:15	10.4	8.22	27.15	30.3	2.44	4	-	-	-
S3	5/9/2018	Fine	Calm	Mid-Ebb	M	5.9	8:16	8.29	8.18	28	29.2	4.07	4	-	-	-
S3	5/9/2018	Fine	Calm	Mid-Ebb	S	1	8:16	9.33	8.18	28.71	30.9	2.93	3	-	-	-
S3	5/9/2018	Fine	Calm	Mid-Ebb	S	1	8:17	8.15	8.2	27.32	30.9	3.16	3	-	-	-
CR1	5/9/2018	Fine	Calm	Mid-Ebb	B	15	8:30	9.24	8.19	28.94	30.2	4.16	6	-	-	-
CR1	5/9/2018	Fine	Calm	Mid-Ebb	B	15	8:31	8.44	8.22	26.91	30.7	4.01	6	-	-	-
CR1	5/9/2018	Fine	Calm	Mid-Ebb	M	8	8:32	8.14	8.22	27.04	27.8	2.26	6	-	-	-
CR1	5/9/2018	Fine	Calm	Mid-Ebb	M	8	8:32	10.14	8.21	28.92	30.1	3.39	6	-	-	-
CR1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	8:33	9.21	8.19	27.14	30.2	3	5	-	-	-
CR1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	8:33	10.03	8.2	28.08	28.1	2.13	5	-	-	-
B3	5/9/2018	Fine	Calm	Mid-Ebb	B	3.9	8:42	9.26	8.24	29.11	29.9	2.56	3	-	-	-
B3	5/9/2018	Fine	Calm	Mid-Ebb	B	3.9	8:43	8.46	8.22	28.22	28.4	3.8	4	-	-	-
B3	5/9/2018	Fine	Calm	Mid-Ebb	S	1	8:43	8.36	8.19	28.85	28.1	3.23	3	-	-	-
B3	5/9/2018	Fine	Calm	Mid-Ebb	S	1	8:44	8.16	8.19	27.3	29.9	3.71	4	-	-	-
B4	5/9/2018	Fine	Calm	Mid-Ebb	B	3.7	8:55	9.14	8.18	26.56	29.1	3.6	5	-	-	-
B4	5/9/2018	Fine	Calm	Mid-Ebb	B	3.7	8:55	8.42	8.24	28.1	30.1	4.14	5	-	-	-
B4	5/9/2018	Fine	Calm	Mid-Ebb	S	1	8:56	10.01	8.23	28.89	28	1.94	3	-	-	-
B4	5/9/2018	Fine	Calm	Mid-Ebb	S	1	8:56	10.27	8.2	29.27	27.8	3.89	3	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	5/9/2018	Fine	Calm	Mid-Ebb	B	6.4	9:10	8.15	8.19	29	28	2.1	5	-	-	-
C2	5/9/2018	Fine	Calm	Mid-Ebb	B	6.4	9:11	8.2	8.22	29.3	29.2	3.12	5	-	-	-
C2	5/9/2018	Fine	Calm	Mid-Ebb	M	3.7	9:11	8.21	8.2	26.98	29.9	4.11	4	-	-	-
C2	5/9/2018	Fine	Calm	Mid-Ebb	M	3.7	9:12	10.05	8.23	26.93	28.6	2.8	5	-	-	-
C2	5/9/2018	Fine	Calm	Mid-Ebb	S	1	9:12	8.31	8.22	29.25	31	2.3	3	-	-	-
C2	5/9/2018	Fine	Calm	Mid-Ebb	S	1	9:13	9.26	8.2	26.57	28.3	4.18	3	-	-	-
F1	5/9/2018	Fine	Calm	Mid-Ebb	B	5.8	9:30	8.12	8.22	28	31	3.16	5	-	-	-
F1	5/9/2018	Fine	Calm	Mid-Ebb	B	5.8	9:30	8.22	8.19	27.97	28	1.98	5	-	-	-
F1	5/9/2018	Fine	Calm	Mid-Ebb	M	3.4	9:31	10.16	8.19	28.28	28.7	1.82	4	-	-	-
F1	5/9/2018	Fine	Calm	Mid-Ebb	M	3.4	9:32	9.2	8.19	28.96	30	3.04	3	-	-	-
F1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	9:32	8.37	8.18	28.41	29.1	1.79	3	-	-	-
F1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	9:33	8.12	8.19	28.04	30.9	3.89	2	-	-	-
M1	5/9/2018	Fine	Calm	Mid-Ebb	B	7.8	9:47	9.3	8.17	29.19	28	3.3	4	-	-	-
M1	5/9/2018	Fine	Calm	Mid-Ebb	B	7.8	9:48	9.37	8.21	26.93	29.3	3.42	4	-	-	-
M1	5/9/2018	Fine	Calm	Mid-Ebb	M	4.4	9:49	9.49	8.17	26.65	30.4	1.74	5	-	-	-
M1	5/9/2018	Fine	Calm	Mid-Ebb	M	4.4	9:49	9.39	8.2	26.93	30	1.75	4	-	-	-
M1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	9:50	10.18	8.21	28.62	28.2	3.8	4	-	-	-
M1	5/9/2018	Fine	Calm	Mid-Ebb	S	1	9:51	8.14	8.19	27.92	31.2	4.07	4	-	-	-
C2	7/9/2018	Cloudy	Calm	Mid-Flood	B	6.6	1:33	8.14	8.17	27.01	30.1	1.85	14	-	-	-
C2	7/9/2018	Cloudy	Calm	Mid-Flood	B	6.6	1:34	9.14	8.21	26.7	30.8	2.26	12	-	-	-
C2	7/9/2018	Cloudy	Calm	Mid-Flood	M	3.8	1:34	10.19	8.23	26.59	30.9	4.13	11	-	-	-
C2	7/9/2018	Cloudy	Calm	Mid-Flood	M	3.8	1:35	10.11	8.2	27.11	28.1	3.86	12	-	-	-
C2	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	1:36	9.06	8.21	27	27.9	4.2	14	-	-	-
C2	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	1:36	8.2	8.22	26.8	29	2.82	13	-	-	-
B4	7/9/2018	Cloudy	Calm	Mid-Flood	B	3.3	1:49	9.04	8.19	27.89	28.1	3.06	7	-	-	-
B4	7/9/2018	Cloudy	Calm	Mid-Flood	B	3.3	1:49	8.05	8.21	29.16	29.9	3.13	8	-	-	-
B4	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	1:50	8.19	8.18	27.75	30.2	2	7	-	-	-
B4	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	1:51	8	8.21	28.94	30.3	4.14	9	-	-	-
B3	7/9/2018	Cloudy	Calm	Mid-Flood	B	3.7	2:00	9.36	8.21	26.95	29.3	3.1	7	-	-	-
B3	7/9/2018	Cloudy	Calm	Mid-Flood	B	3.7	2:01	9.01	8.17	27.19	30	4.26	6	-	-	-
B3	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	2:02	8.31	8.22	29.33	28.7	3.99	13	-	-	-

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Integrated Waste Management Facilities, Phase 1
Impact 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	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	2:02	9.09	8.17	26.78	28.2	2.47	11	-	-	-
CR1	7/9/2018	Cloudy	Calm	Mid-Flood	B	14.9	2:13	10.12	8.18	27.62	30.1	2.92	6	-	-	-
CR1	7/9/2018	Cloudy	Calm	Mid-Flood	B	14.9	2:13	10.23	8.18	27.88	29.9	1.57	8	-	-	-
CR1	7/9/2018	Cloudy	Calm	Mid-Flood	M	8	2:14	10.21	8.23	28.88	28.9	3.08	4	-	-	-
CR1	7/9/2018	Cloudy	Calm	Mid-Flood	M	8	2:15	8.12	8.18	29.22	31	2.07	6	-	-	-
CR1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	2:15	9.18	8.2	28.01	27.8	3.84	6	-	-	-
CR1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	2:16	10.36	8.23	27.61	28.8	3.71	7	-	-	-
S3	7/9/2018	Cloudy	Calm	Mid-Flood	B	10.2	2:28	9.34	8.16	27.79	28.7	2.29	4	-	-	-
S3	7/9/2018	Cloudy	Calm	Mid-Flood	B	10.2	2:29	8.03	8.23	28.34	28.1	2.8	6	-	-	-
S3	7/9/2018	Cloudy	Calm	Mid-Flood	M	5.6	2:30	9.3	8.23	26.97	28.2	4.12	6	-	-	-
S3	7/9/2018	Cloudy	Calm	Mid-Flood	M	5.6	2:30	10.31	8.23	27.03	30.2	3.1	9	-	-	-
S3	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	2:31	9.41	8.2	27.71	28.9	2.22	10	-	-	-
S3	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	2:32	8.08	8.2	27.94	28.8	3.77	12	-	-	-
CR2	7/9/2018	Cloudy	Calm	Mid-Flood	B	10.9	2:44	8.32	8.2	26.95	29.1	2.24	6	-	-	-
CR2	7/9/2018	Cloudy	Calm	Mid-Flood	B	10.9	2:45	10.25	8.19	27.82	29.9	1.95	4	-	-	-
CR2	7/9/2018	Cloudy	Calm	Mid-Flood	M	6	2:45	10.19	8.22	29.21	31.2	2.18	7	-	-	-
CR2	7/9/2018	Cloudy	Calm	Mid-Flood	M	6	2:46	10.18	8.18	26.83	28.2	1.74	5	-	-	-
CR2	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	2:47	10.23	8.22	28.64	30.1	1.71	4	-	-	-
CR2	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	2:47	10.19	8.18	26.89	29	2.59	3	-	-	-
H1	7/9/2018	Cloudy	Calm	Mid-Flood	B	5.3	3:00	8.37	8.23	29.18	31.2	2.89	13	-	-	-
H1	7/9/2018	Cloudy	Calm	Mid-Flood	B	5.3	3:00	10.48	8.18	27.26	31	4.36	10	-	-	-
H1	7/9/2018	Cloudy	Calm	Mid-Flood	M	3.2	3:01	9.3	8.24	28.22	28.6	4.03	10	-	-	-
H1	7/9/2018	Cloudy	Calm	Mid-Flood	M	3.2	3:02	9.27	8.24	29.22	27.9	4.13	9	-	-	-
H1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	3:02	9.14	8.2	26.78	30	4.15	11	-	-	-
H1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	3:03	9.11	8.22	27.88	28.2	4.35	9	-	-	-
S2	7/9/2018	Cloudy	Calm	Mid-Flood	B	7.7	3:17	8.09	8.18	29.21	27.8	2.02	9	-	-	-
S2	7/9/2018	Cloudy	Calm	Mid-Flood	B	7.7	3:17	10.5	8.19	28.36	28	3.89	9	-	-	-
S2	7/9/2018	Cloudy	Calm	Mid-Flood	M	4.4	3:18	8.32	8.22	26.95	29	1.67	8	-	-	-
S2	7/9/2018	Cloudy	Calm	Mid-Flood	M	4.4	3:18	8.2	8.24	26.73	31.1	3.03	9	-	-	-
S2	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	3:19	9.21	8.2	27.88	28.3	2.14	15	-	-	-
S2	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	3:20	9.07	8.21	28.03	27.9	3.6	17	-	-	-

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 Integrated Waste Management Facilities, Phase 1
 Impact 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	7/9/2018	Cloudy	Calm	Mid-Flood	B	3.1	3:33	9.46	8.21	29.01	27.8	4.21	8	-	-	-
B2	7/9/2018	Cloudy	Calm	Mid-Flood	B	3.1	3:34	8.22	8.2	29.36	31.2	3.23	8	-	-	-
B2	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	3:34	9.01	8.21	29.02	28.2	3.94	8	-	-	-
B2	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	3:35	10.06	8.18	29.04	31	1.78	10	-	-	-
S1	7/9/2018	Cloudy	Calm	Mid-Flood	B	3.7	3:45	9.35	8.2	29.31	30.4	4.36	10	-	-	-
S1	7/9/2018	Cloudy	Calm	Mid-Flood	B	3.7	3:45	10.25	8.22	27.92	27.6	3.16	9	-	-	-
S1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	3:46	8.29	8.22	27	28.7	2.94	12	-	-	-
S1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	3:47	10.28	8.24	27.22	28.2	3.95	12	-	-	-
B1	7/9/2018	Cloudy	Calm	Mid-Flood	B	3.9	3:58	9.02	8.22	26.75	30.6	1.98	8	-	-	-
B1	7/9/2018	Cloudy	Calm	Mid-Flood	B	3.9	3:59	10.4	8.18	27.16	30.8	3.91	7	-	-	-
B1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	3:59	8.32	8.21	27.93	29.1	2.81	7	-	-	-
B1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	4:00	8.23	8.21	28.81	28.1	3.65	9	-	-	-
C1	7/9/2018	Cloudy	Calm	Mid-Flood	B	9.3	4:13	10.1	8.19	28	29.9	1.9	15	-	-	-
C1	7/9/2018	Cloudy	Calm	Mid-Flood	B	9.3	4:13	8.11	8.2	28.14	29	2.71	13	-	-	-
C1	7/9/2018	Cloudy	Calm	Mid-Flood	M	5.2	4:14	10.16	8.19	28.79	27.9	2.98	14	-	-	-
C1	7/9/2018	Cloudy	Calm	Mid-Flood	M	5.2	4:15	8.39	8.17	27.94	29.4	2.11	12	-	-	-
C1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	4:15	8.18	8.18	28.19	30	3.06	10	-	-	-
C1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	4:16	10.05	8.19	27.87	29.1	4.03	9	-	-	-
M1	7/9/2018	Cloudy	Calm	Mid-Flood	B	7.6	4:33	8.1	8.16	27.13	30.8	2.92	4	-	-	-
M1	7/9/2018	Cloudy	Calm	Mid-Flood	B	7.6	4:34	8.03	8.19	27.51	28.9	2.97	5	-	-	-
M1	7/9/2018	Cloudy	Calm	Mid-Flood	M	4.3	4:35	10.23	8.23	26.99	30.4	3.79	5	-	-	-
M1	7/9/2018	Cloudy	Calm	Mid-Flood	M	4.3	4:35	9.14	8.19	26.59	29.9	2.02	4	-	-	-
M1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	4:36	8.09	8.2	28.27	30.4	1.79	6	-	-	-
M1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	4:36	10.46	8.22	29.39	28.1	1.7	7	-	-	-
F1	7/9/2018	Cloudy	Calm	Mid-Flood	B	5.3	4:50	8.46	8.22	28.02	29	2.95	10	-	-	-
F1	7/9/2018	Cloudy	Calm	Mid-Flood	B	5.3	4:51	10.18	8.21	27.25	28.8	2.32	8	-	-	-
F1	7/9/2018	Cloudy	Calm	Mid-Flood	M	3.2	4:51	9.08	8.2	27.01	28.2	2.74	7	-	-	-
F1	7/9/2018	Cloudy	Calm	Mid-Flood	M	3.2	4:52	8.36	8.21	29.35	30.9	2.07	7	-	-	-
F1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	4:53	8.22	8.21	27.79	29.2	4.12	9	-	-	-
F1	7/9/2018	Cloudy	Calm	Mid-Flood	S	1	4:53	9.17	8.18	28.34	29	3.72	7	-	-	-
C1	7/9/2018	Cloudy	Calm	Mid-Ebb	B	9.1	8:31	10.02	8.2	27.89	29.1	2.1	6	-	-	-

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 Integrated Waste Management Facilities, Phase 1
 Impact 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	7/9/2018	Cloudy	Calm	Mid-Ebb	B	9.1	8:31	8.15	8.21	27.94	29	3.97	4	-	-	-
C1	7/9/2018	Cloudy	Calm	Mid-Ebb	M	5.1	8:32	9.37	8.19	27.99	29.9	3.98	6	-	-	-
C1	7/9/2018	Cloudy	Calm	Mid-Ebb	M	5.1	8:33	9.02	8.19	28.93	30	2	7	-	-	-
C1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	8:33	9.19	8.2	28.12	28.3	3.24	4	-	-	-
C1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	8:34	10.42	8.19	28.05	29.1	1.88	6	-	-	-
B1	7/9/2018	Cloudy	Calm	Mid-Ebb	B	3.7	8:47	10.06	8.17	28.08	31	3.01	12	-	-	-
B1	7/9/2018	Cloudy	Calm	Mid-Ebb	B	3.7	8:48	8.21	8.2	29.04	28.6	3.02	10	-	-	-
B1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	8:49	8.17	8.17	28.13	30.9	4.4	5	-	-	-
B1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	8:49	10.23	8.19	28.05	30.3	3.47	4	-	-	-
S1	7/9/2018	Cloudy	Calm	Mid-Ebb	B	3.4	8:58	8.33	8.19	27.94	29.7	2.12	7	-	-	-
S1	7/9/2018	Cloudy	Calm	Mid-Ebb	B	3.4	8:59	9.36	8.21	27.01	30	4.18	5	-	-	-
S1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	8:59	8.26	8.22	28.95	29.9	1.95	9	-	-	-
S1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	9:00	8.4	8.2	28.06	31	2.69	8	-	-	-
B2	7/9/2018	Cloudy	Calm	Mid-Ebb	B	2.7	9:11	9.41	8.25	26.85	30.8	1.94	6	-	-	-
B2	7/9/2018	Cloudy	Calm	Mid-Ebb	B	2.7	9:12	8.22	8.19	28.79	28	1.6	5	-	-	-
B2	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	9:13	10.32	8.2	27.96	30	1.89	6	-	-	-
B2	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	9:13	8.42	8.16	27.34	30.8	2.01	6	-	-	-
S2	7/9/2018	Cloudy	Calm	Mid-Ebb	B	7.3	9:26	10.3	8.22	28.06	29.2	2	5	-	-	-
S2	7/9/2018	Cloudy	Calm	Mid-Ebb	B	7.3	9:26	10.45	8.2	27.2	30.9	4.22	5	-	-	-
S2	7/9/2018	Cloudy	Calm	Mid-Ebb	M	4.2	9:27	8.49	8.22	29.36	30.8	3.21	3	-	-	-
S2	7/9/2018	Cloudy	Calm	Mid-Ebb	M	4.2	9:28	8.41	8.16	29.01	30.1	2.96	5	-	-	-
S2	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	9:28	10.23	8.2	27.93	30	3.86	7	-	-	-
S2	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	9:29	9.33	8.22	27.3	30.8	2.82	4	-	-	-
H1	7/9/2018	Cloudy	Calm	Mid-Ebb	B	5.3	9:42	9.21	8.22	27.13	30.6	4.01	6	-	-	-
H1	7/9/2018	Cloudy	Calm	Mid-Ebb	B	5.3	9:42	9.07	8.22	28.32	28.9	2.82	7	-	-	-
H1	7/9/2018	Cloudy	Calm	Mid-Ebb	M	3.2	9:43	8.28	8.2	27.64	27.7	1.59	8	-	-	-
H1	7/9/2018	Cloudy	Calm	Mid-Ebb	M	3.2	9:43	10.23	8.19	26.92	29.9	4.04	6	-	-	-
H1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	9:44	8.32	8.2	28.2	30.2	2.06	7	-	-	-
H1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	9:45	9.35	8.17	28.31	27.8	1.74	6	-	-	-
CR2	7/9/2018	Cloudy	Calm	Mid-Ebb	B	10.8	9:58	9.01	8.18	27.13	29.3	2.25	4	-	-	-
CR2	7/9/2018	Cloudy	Calm	Mid-Ebb	B	10.8	9:59	10.38	8.2	27.85	28.1	2.95	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>
CR2	7/9/2018	Cloudy	Calm	Mid-Ebb	M	5.9	9:59	9.16	8.22	27.98	28	4.05	5	-	-	-
CR2	7/9/2018	Cloudy	Calm	Mid-Ebb	M	5.9	10:00	8.33	8.23	27.61	31.1	2.08	3	-	-	-
CR2	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:01	8.42	8.17	27.85	31	1.9	7	-	-	-
CR2	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:01	8.14	8.23	27.96	27.8	3.66	5	-	-	-
S3	7/9/2018	Cloudy	Calm	Mid-Ebb	B	10.1	10:15	9.2	8.2	29.23	28.1	4.17	5	-	-	-
S3	7/9/2018	Cloudy	Calm	Mid-Ebb	B	10.1	10:16	8.19	8.22	28.73	30.8	3.8	6	-	-	-
S3	7/9/2018	Cloudy	Calm	Mid-Ebb	M	5.6	10:16	8.16	8.2	29.16	28	3.66	7	-	-	-
S3	7/9/2018	Cloudy	Calm	Mid-Ebb	M	5.6	10:17	9.33	8.21	27.98	30	2.04	9	-	-	-
S3	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:17	9.46	8.19	26.95	28.7	2.78	8	-	-	-
S3	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:18	8.46	8.24	27.02	28	1.72	9	-	-	-
CR1	7/9/2018	Cloudy	Calm	Mid-Ebb	B	14.5	10:31	9.18	8.24	27.19	28.1	3.2	6	-	-	-
CR1	7/9/2018	Cloudy	Calm	Mid-Ebb	B	14.5	10:31	10.37	8.19	29.05	28.3	1.9	6	-	-	-
CR1	7/9/2018	Cloudy	Calm	Mid-Ebb	M	7.8	10:32	10.25	8.19	28.04	29.6	2.17	5	-	-	-
CR1	7/9/2018	Cloudy	Calm	Mid-Ebb	M	7.8	10:33	9.43	8.2	28.88	30.1	2.17	7	-	-	-
CR1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:33	9.35	8.16	27.09	28.9	3.05	6	-	-	-
CR1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:34	10.47	8.19	27.1	30.8	2.08	6	-	-	-
B3	7/9/2018	Cloudy	Calm	Mid-Ebb	B	3.5	10:43	8.4	8.22	26.86	31.2	1.91	6	-	-	-
B3	7/9/2018	Cloudy	Calm	Mid-Ebb	B	3.5	10:44	8.2	8.21	28.88	28.3	3.16	7	-	-	-
B3	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:45	9.4	8.18	27.18	30.3	1.51	7	-	-	-
B3	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:45	10.38	8.21	28.06	29.7	3.03	5	-	-	-
B4	7/9/2018	Cloudy	Calm	Mid-Ebb	B	3.3	10:56	8.15	8.23	28.6	29.9	3.34	7	-	-	-
B4	7/9/2018	Cloudy	Calm	Mid-Ebb	B	3.3	10:56	10.21	8.2	27.1	31.1	2.96	6	-	-	-
B4	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:57	8.2	8.19	29.22	29.1	4.23	8	-	-	-
B4	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:58	9.15	8.2	27.8	30.9	4.06	9	-	-	-
C2	7/9/2018	Cloudy	Calm	Mid-Ebb	B	6.5	11:11	9.28	8.21	29.03	27.8	4.2	8	-	-	-
C2	7/9/2018	Cloudy	Calm	Mid-Ebb	B	6.5	11:12	10.01	8.2	28.03	30	1.95	6	-	-	-
C2	7/9/2018	Cloudy	Calm	Mid-Ebb	M	3.8	11:13	10.4	8.23	28.09	30	4.03	6	-	-	-
C2	7/9/2018	Cloudy	Calm	Mid-Ebb	M	3.8	11:13	9.04	8.21	28.14	29.1	3.9	6	-	-	-
C2	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:14	10.04	8.18	27.1	31.2	4.22	6	-	-	-
C2	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:14	8.01	8.21	28.97	29.6	1.83	9	-	-	-
F1	7/9/2018	Cloudy	Calm	Mid-Ebb	B	5.1	11:31	9.34	8.23	28.19	31	1.85	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	7/9/2018	Cloudy	Calm	Mid-Ebb	B	5.1	11:32	8.3	8.21	29.12	31	3.68	13	-	-	-
F1	7/9/2018	Cloudy	Calm	Mid-Ebb	M	3.1	11:32	8.3	8.19	27.18	28	1.62	7	-	-	-
F1	7/9/2018	Cloudy	Calm	Mid-Ebb	M	3.1	11:33	9.19	8.21	27.33	30.8	2.91	6	-	-	-
F1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:33	10.03	8.22	26.6	29.7	1.81	5	-	-	-
F1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:34	10.01	8.21	28.98	30	3.12	5	-	-	-
M1	7/9/2018	Cloudy	Calm	Mid-Ebb	B	7.1	11:48	10.34	8.19	28.02	29.8	2.88	6	-	-	-
M1	7/9/2018	Cloudy	Calm	Mid-Ebb	B	7.1	11:48	9.03	8.24	27.07	28.6	3.96	6	-	-	-
M1	7/9/2018	Cloudy	Calm	Mid-Ebb	M	4.1	11:49	10.03	8.19	27.89	28.2	2.21	8	-	-	-
M1	7/9/2018	Cloudy	Calm	Mid-Ebb	M	4.1	11:50	9.28	8.21	27.87	28.8	4.16	7	-	-	-
M1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:50	8.24	8.22	28.91	30	4.35	9	-	-	-
M1	7/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:51	8.48	8.18	28.59	30.2	3.1	8	-	-	-
C2	10/9/2018	Cloudy	Calm	Mid-Flood	B	6.5	4:28	10.32	8.2	28.27	27.87	4	8	-	-	-
C2	10/9/2018	Cloudy	Calm	Mid-Flood	B	6.5	4:29	10.34	8.21	28.44	27.89	3.99	8	-	-	-
C2	10/9/2018	Cloudy	Calm	Mid-Flood	M	3.8	4:30	10.37	8.22	28.41	27.91	4	8	-	-	-
C2	10/9/2018	Cloudy	Calm	Mid-Flood	M	3.8	4:30	10.43	8.21	28.48	27.8	4.01	7	-	-	-
C2	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	4:31	10.46	8.22	28.5	27.67	4.01	6	-	-	-
C2	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	4:31	10.48	8.22	28.68	27.82	4.03	7	-	-	-
M1	10/9/2018	Cloudy	Calm	Mid-Flood	B	8.2	4:51	7.96	8.19	27.05	28.1	3.92	7	-	-	-
M1	10/9/2018	Cloudy	Calm	Mid-Flood	B	8.2	4:52	7.82	8.19	27.03	27.99	3.94	8	-	-	-
M1	10/9/2018	Cloudy	Calm	Mid-Flood	M	4.6	4:52	7.95	8.19	27.03	28.05	3.94	6	-	-	-
M1	10/9/2018	Cloudy	Calm	Mid-Flood	M	4.6	4:53	7.88	8.2	26.98	27.99	3.91	6	-	-	-
M1	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	4:54	8	8.22	26.98	28.09	3.93	5	-	-	-
M1	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	4:54	8.07	8.22	26.95	28.18	3.93	5	-	-	-
F1	10/9/2018	Cloudy	Calm	Mid-Flood	B	5.6	5:11	8.55	8.2	27.59	28.09	1.91	8	-	-	-
F1	10/9/2018	Cloudy	Calm	Mid-Flood	B	5.6	5:11	8.69	8.2	27.72	28.21	1.89	9	-	-	-
F1	10/9/2018	Cloudy	Calm	Mid-Flood	M	3.3	5:12	8.69	8.22	27.82	28.29	1.89	5	-	-	-
F1	10/9/2018	Cloudy	Calm	Mid-Flood	M	3.3	5:13	8.81	8.22	28.08	28.2	1.92	5	-	-	-
F1	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	5:13	8.8	8.24	27.95	28.27	1.94	3	-	-	-
F1	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	5:14	8.94	8.25	28.04	28.27	1.91	4	-	-	-
B4	10/9/2018	Cloudy	Calm	Mid-Flood	B	3.8	5:29	9.6	8.22	26.9	27.2	4.16	6	-	-	-
B4	10/9/2018	Cloudy	Calm	Mid-Flood	B	3.8	5:30	9.57	8.22	26.92	27.12	4.17	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>
B4	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	5:31	9.69	8.22	26.89	27.23	4.16	3	-	-	-
B4	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	5:31	9.82	8.22	26.9	27.26	4.19	4	-	-	-
B3	10/9/2018	Cloudy	Calm	Mid-Flood	B	4.1	5:41	9.88	8.2	28.16	26.05	3.69	6	-	-	-
B3	10/9/2018	Cloudy	Calm	Mid-Flood	B	4.1	5:42	10.03	8.2	28.24	26.01	3.75	6	-	-	-
B3	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	5:42	10.19	8.22	28.24	26.01	3.75	3	-	-	-
B3	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	5:43	10.3	8.22	28.13	25.99	3.79	3	-	-	-
CR1	10/9/2018	Cloudy	Calm	Mid-Flood	B	15.1	5:55	8.15	8.19	28.89	26.75	1.02	8	-	-	-
CR1	10/9/2018	Cloudy	Calm	Mid-Flood	B	15.1	5:56	8.33	8.21	29.03	26.69	1.03	8	-	-	-
CR1	10/9/2018	Cloudy	Calm	Mid-Flood	M	8.1	5:57	8.53	8.23	29.04	26.8	1.07	7	-	-	-
CR1	10/9/2018	Cloudy	Calm	Mid-Flood	M	8.1	5:57	8.52	8.24	29.18	26.98	1.08	7	-	-	-
CR1	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	5:58	8.7	8.25	29.25	27.03	1.08	5	-	-	-
CR1	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	5:59	8.85	8.26	29.49	27.07	1.12	5	-	-	-
CR2	10/9/2018	Cloudy	Calm	Mid-Flood	B	11.1	6:13	8.74	8.23	27.21	26.15	4	9	-	-	-
CR2	10/9/2018	Cloudy	Calm	Mid-Flood	B	11.1	6:14	8.84	8.25	27.07	26.09	4.01	9	-	-	-
CR2	10/9/2018	Cloudy	Calm	Mid-Flood	M	6.1	6:14	8.96	8.26	27.11	26.1	3.99	8	-	-	-
CR2	10/9/2018	Cloudy	Calm	Mid-Flood	M	6.1	6:15	9.13	8.28	27.08	26.04	4	8	-	-	-
CR2	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:16	9.2	8.29	27.12	25.99	3.98	7	-	-	-
CR2	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:16	9.28	8.29	27.09	26.26	3.99	7	-	-	-
H1	10/9/2018	Cloudy	Calm	Mid-Flood	B	5.7	6:32	8.92	8.23	27.11	28.04	1.72	5	-	-	-
H1	10/9/2018	Cloudy	Calm	Mid-Flood	B	5.7	6:32	8.9	8.24	27.36	28.13	1.73	5	-	-	-
H1	10/9/2018	Cloudy	Calm	Mid-Flood	M	3.4	6:33	8.81	8.23	27.34	28.18	1.75	5	-	-	-
H1	10/9/2018	Cloudy	Calm	Mid-Flood	M	3.4	6:34	8.81	8.24	27.44	28.05	1.78	4	-	-	-
H1	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:34	8.91	8.25	27.47	28.24	1.75	4	-	-	-
H1	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:35	8.84	8.25	27.46	28.26	1.79	4	-	-	-
B2	10/9/2018	Cloudy	Calm	Mid-Flood	B	3.4	6:53	9.96	8.2	27.35	25.89	2.56	5	-	-	-
B2	10/9/2018	Cloudy	Calm	Mid-Flood	B	3.4	6:53	9.96	8.21	27.34	25.85	2.57	6	-	-	-
B2	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:54	9.93	8.2	27.3	26	2.6	3	-	-	-
B2	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:54	9.88	8.22	27.27	25.85	2.6	4	-	-	-
B1	10/9/2018	Cloudy	Calm	Mid-Flood	B	4.5	7:06	7.85	8.2	26.99	25.96	1.83	6	-	-	-
B1	10/9/2018	Cloudy	Calm	Mid-Flood	B	4.5	7:07	7.74	8.22	27.09	26.18	1.83	6	-	-	-
B1	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	7:07	7.79	8.23	27.23	26.26	1.86	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>
B1	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	7:08	8	8.23	27.16	26.23	1.86	4	-	-	-
C1	10/9/2018	Cloudy	Calm	Mid-Flood	B	9.7	7:22	9.1	8.19	27.35	27.75	2.85	7	-	-	-
C1	10/9/2018	Cloudy	Calm	Mid-Flood	B	9.7	7:23	9.19	8.22	27.38	27.88	2.85	7	-	-	-
C1	10/9/2018	Cloudy	Calm	Mid-Flood	M	5.4	7:24	9.33	8.23	27.43	28.15	2.89	6	-	-	-
C1	10/9/2018	Cloudy	Calm	Mid-Flood	M	5.4	7:24	9.38	8.22	27.31	28.28	2.9	5	-	-	-
C1	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	7:25	9.51	8.23	27.26	28.35	2.9	5	-	-	-
C1	10/9/2018	Cloudy	Calm	Mid-Flood	S	1	7:26	9.59	8.22	27.52	28.45	2.93	5	-	-	-
C1	10/9/2018	Cloudy	Calm	Mid-Ebb	B	9.3	10:58	8.09	8.24	29.14	25.98	1.63	4	-	-	-
C1	10/9/2018	Cloudy	Calm	Mid-Ebb	B	9.3	10:59	8.11	8.26	29.2	26.06	1.65	4	-	-	-
C1	10/9/2018	Cloudy	Calm	Mid-Ebb	M	5.2	10:59	8.05	8.26	29.07	26.28	1.66	3	-	-	-
C1	10/9/2018	Cloudy	Calm	Mid-Ebb	M	5.2	11:00	8.23	8.25	29.18	26.27	1.64	3	-	-	-
C1	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:01	8.25	8.26	29.23	26.4	1.67	3	-	-	-
C1	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:01	8.32	8.26	29.33	26.49	1.69	3	-	-	-
B1	10/9/2018	Cloudy	Calm	Mid-Ebb	B	4.2	11:18	9.22	8.23	28.26	25.99	1.81	7	-	-	-
B1	10/9/2018	Cloudy	Calm	Mid-Ebb	B	4.2	11:18	9.11	8.23	28.15	25.99	1.86	6	-	-	-
B1	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:19	9.18	8.24	28.09	25.96	1.91	4	-	-	-
B1	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:20	9.43	8.23	28.05	25.9	1.87	5	-	-	-
B2	10/9/2018	Cloudy	Calm	Mid-Ebb	B	3	11:32	10.24	8.2	27.99	26.95	2.91	6	-	-	-
B2	10/9/2018	Cloudy	Calm	Mid-Ebb	B	3	11:33	10.42	8.2	27.93	26.94	2.91	7	-	-	-
B2	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:34	10.37	8.21	27.95	27.14	2.91	5	-	-	-
B2	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:34	10.48	8.19	28.02	27.11	2.89	6	-	-	-
H1	10/9/2018	Cloudy	Calm	Mid-Ebb	B	5.2	11:45	9.14	8.21	27.31	27.88	4.37	4	-	-	-
H1	10/9/2018	Cloudy	Calm	Mid-Ebb	B	5.2	11:45	9.14	8.2	27.35	27.93	4.37	4	-	-	-
H1	10/9/2018	Cloudy	Calm	Mid-Ebb	M	3.1	11:46	9.22	8.21	27.56	27.89	4.39	4	-	-	-
H1	10/9/2018	Cloudy	Calm	Mid-Ebb	M	3.1	11:47	9.1	8.24	27.5	27.93	4.43	4	-	-	-
H1	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:47	9.34	8.25	27.6	27.85	4.39	4	-	-	-
H1	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:48	9.55	8.27	27.77	27.93	4.39	4	-	-	-
CR2	10/9/2018	Cloudy	Calm	Mid-Ebb	B	11	12:02	10.05	8.21	28.31	26.99	2.92	4	-	-	-
CR2	10/9/2018	Cloudy	Calm	Mid-Ebb	B	11	12:03	10.09	8.2	28.37	26.92	2.94	4	-	-	-
CR2	10/9/2018	Cloudy	Calm	Mid-Ebb	M	6	12:04	9.99	8.2	28.43	26.99	2.9	2	-	-	-
CR2	10/9/2018	Cloudy	Calm	Mid-Ebb	M	6	12:04	10.16	8.2	28.48	27.1	2.88	2	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:05	10.12	8.18	28.48	27.19	2.85	2	-	-	-
CR2	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:06	9.97	8.17	28.67	27.18	2.89	2	-	-	-
CR1	10/9/2018	Cloudy	Calm	Mid-Ebb	B	15	12:19	7.95	8.18	28.88	27.92	2.65	7	-	-	-
CR1	10/9/2018	Cloudy	Calm	Mid-Ebb	B	15	12:20	7.87	8.16	28.93	27.85	2.68	7	-	-	-
CR1	10/9/2018	Cloudy	Calm	Mid-Ebb	M	8	12:20	8.11	8.17	28.95	27.96	2.73	4	-	-	-
CR1	10/9/2018	Cloudy	Calm	Mid-Ebb	M	8	12:21	8.36	8.18	28.88	27.92	2.76	5	-	-	-
CR1	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:22	8.53	8.19	28.79	27.95	2.77	5	-	-	-
CR1	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:22	8.78	8.2	28.82	27.91	2.74	5	-	-	-
B3	10/9/2018	Cloudy	Calm	Mid-Ebb	B	3.6	12:35	8.14	8.17	26.86	26.67	1.91	6	-	-	-
B3	10/9/2018	Cloudy	Calm	Mid-Ebb	B	3.6	12:36	7.97	8.17	26.91	26.81	1.92	6	-	-	-
B3	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:36	7.97	8.17	27.14	26.86	1.92	4	-	-	-
B3	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:37	7.94	8.18	27.27	26.74	1.91	4	-	-	-
B4	10/9/2018	Cloudy	Calm	Mid-Ebb	B	3.2	12:46	9.24	8.21	29.13	25.99	3.11	7	-	-	-
B4	10/9/2018	Cloudy	Calm	Mid-Ebb	B	3.2	12:47	9.17	8.2	29.1	25.91	3.11	7	-	-	-
B4	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:48	9.03	8.2	29.15	25.96	3.13	5	-	-	-
B4	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:48	9.16	8.2	29.35	25.79	3.1	6	-	-	-
C2	10/9/2018	Cloudy	Calm	Mid-Ebb	B	6	13:02	8.36	8.22	27.9	28.05	3.72	3	-	-	-
C2	10/9/2018	Cloudy	Calm	Mid-Ebb	B	6	13:02	8.26	8.24	28	27.9	3.7	4	-	-	-
C2	10/9/2018	Cloudy	Calm	Mid-Ebb	M	3.5	13:03	8.38	8.25	28.04	27.9	3.72	3	-	-	-
C2	10/9/2018	Cloudy	Calm	Mid-Ebb	M	3.5	13:04	8.37	8.24	28.03	27.97	3.76	3	-	-	-
C2	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:04	8.35	8.26	28.09	28.04	3.81	2	-	-	-
C2	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:05	8.42	8.28	28.13	27.96	3.83	3	-	-	-
F1	10/9/2018	Cloudy	Calm	Mid-Ebb	B	5.4	13:35	10.38	8.2	27.07	28.09	1.63	4	-	-	-
F1	10/9/2018	Cloudy	Calm	Mid-Ebb	B	5.4	13:35	10.64	8.19	26.89	28.19	1.62	4	-	-	-
F1	10/9/2018	Cloudy	Calm	Mid-Ebb	M	3.2	13:36	10.66	8.21	27.03	28.16	1.64	3	-	-	-
F1	10/9/2018	Cloudy	Calm	Mid-Ebb	M	3.2	13:36	10.72	8.22	26.9	28.12	1.6	4	-	-	-
F1	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:37	10.71	8.22	27.04	28.19	1.6	3	-	-	-
F1	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:38	10.86	8.22	27.22	28.35	1.62	3	-	-	-
M1	10/9/2018	Cloudy	Calm	Mid-Ebb	B	7.8	13:53	10.17	8.21	27.82	27.12	1.02	7	-	-	-
M1	10/9/2018	Cloudy	Calm	Mid-Ebb	B	7.8	13:54	10.35	8.21	27.96	27.21	1.07	7	-	-	-
M1	10/9/2018	Cloudy	Calm	Mid-Ebb	M	4.4	13:54	10.39	8.22	27.93	27.2	1.09	6	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	10/9/2018	Cloudy	Calm	Mid-Ebb	M	4.4	13:55	10.4	8.22	27.92	27.18	1.09	6	-	-	-
M1	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:56	10.37	8.24	27.93	27.33	1.09	4	-	-	-
M1	10/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:56	10.5	8.22	27.93	27.51	1.08	5	-	-	-
C2	14/9/2018	Fine	Calm	Mid-Flood	B	6.6	7:36	9.01	8.2	26.77	29	3.87	3	-	-	-
C2	14/9/2018	Fine	Calm	Mid-Flood	B	6.6	7:37	9.03	8.19	26.71	28.9	3.89	4	-	-	-
C2	14/9/2018	Fine	Calm	Mid-Flood	M	3.8	7:38	9.19	8.2	26.61	29	3.88	3	-	-	-
C2	14/9/2018	Fine	Calm	Mid-Flood	M	3.8	7:38	9.25	8.22	26.7	29	3.87	3	-	-	-
C2	14/9/2018	Fine	Calm	Mid-Flood	S	1	7:39	9.2	8.23	26.77	30	3.87	2	-	-	-
C2	14/9/2018	Fine	Calm	Mid-Flood	S	1	7:39	9.16	8.25	26.68	29.2	3.87	2	-	-	-
M1	14/9/2018	Fine	Calm	Mid-Flood	B	8.3	7:57	7.77	8.19	26.8	27.7	4.62	9	-	-	-
M1	14/9/2018	Fine	Calm	Mid-Flood	B	8.3	7:58	7.75	8.19	26.88	27.9	4.61	10	-	-	-
M1	14/9/2018	Fine	Calm	Mid-Flood	M	4.7	7:58	7.81	8.21	26.83	28.1	4.62	9	-	-	-
M1	14/9/2018	Fine	Calm	Mid-Flood	M	4.7	7:59	7.8	8.22	26.8	28.1	4.62	9	-	-	-
M1	14/9/2018	Fine	Calm	Mid-Flood	S	1	8:00	7.72	8.22	26.91	28.3	4.61	6	-	-	-
M1	14/9/2018	Fine	Calm	Mid-Flood	S	1	8:00	7.76	8.21	27.09	28.1	4.57	6	-	-	-
F1	14/9/2018	Fine	Calm	Mid-Flood	B	5.7	8:18	8.67	8.22	28.74	29.3	3.26	4	-	-	-
F1	14/9/2018	Fine	Calm	Mid-Flood	B	5.7	8:18	8.76	8.23	28.91	29.4	3.24	4	-	-	-
F1	14/9/2018	Fine	Calm	Mid-Flood	M	3.4	8:19	8.68	8.23	28.88	29.6	3.22	4	-	-	-
F1	14/9/2018	Fine	Calm	Mid-Flood	M	3.4	8:20	8.85	8.24	29.06	29.7	3.24	4	-	-	-
F1	14/9/2018	Fine	Calm	Mid-Flood	S	1	8:20	9.05	8.25	29.1	29.5	3.29	3	-	-	-
F1	14/9/2018	Fine	Calm	Mid-Flood	S	1	8:21	9.21	8.27	29.18	29.5	3.25	2	-	-	-
B4	14/9/2018	Fine	Calm	Mid-Flood	B	3.7	8:36	8.75	8.21	27.72	28.3	1.89	7	-	-	-
B4	14/9/2018	Fine	Calm	Mid-Flood	B	3.7	8:37	8.77	8.22	27.85	28.5	1.88	6	-	-	-
B4	14/9/2018	Fine	Calm	Mid-Flood	S	1	8:38	8.97	8.21	27.94	28.6	1.88	4	-	-	-
B4	14/9/2018	Fine	Calm	Mid-Flood	S	1	8:38	8.91	8.24	28.12	28.9	1.87	4	-	-	-
B3	14/9/2018	Fine	Calm	Mid-Flood	B	4	8:48	7.58	8.18	28.05	29.1	3.99	5	-	-	-
B3	14/9/2018	Fine	Calm	Mid-Flood	B	4	8:49	7.58	8.17	28	29.2	4	5	-	-	-
B3	14/9/2018	Fine	Calm	Mid-Flood	S	1	8:49	7.6	8.17	28.2	29.2	3.99	4	-	-	-
B3	14/9/2018	Fine	Calm	Mid-Flood	S	1	8:50	7.69	8.19	28.24	29.2	3.97	4	-	-	-
CR1	14/9/2018	Fine	Calm	Mid-Flood	B	15	9:02	8.87	8.18	29.01	28.2	3.81	6	-	-	-
CR1	14/9/2018	Fine	Calm	Mid-Flood	B	15	9:03	8.98	8.18	28.85	28.2	3.85	7	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	14/9/2018	Fine	Calm	Mid-Flood	M	8	9:04	9.08	8.2	28.92	28.3	3.84	6	-	-	-
CR1	14/9/2018	Fine	Calm	Mid-Flood	M	8	9:04	9.11	8.19	29.02	28.2	3.85	5	-	-	-
CR1	14/9/2018	Fine	Calm	Mid-Flood	S	1	9:05	8.95	8.21	29.02	28.2	3.88	5	-	-	-
CR1	14/9/2018	Fine	Calm	Mid-Flood	S	1	9:06	8.93	8.21	28.94	28.2	3.88	5	-	-	-
CR2	14/9/2018	Fine	Calm	Mid-Flood	B	11	9:21	8.19	8.18	26.85	28	3.03	6	-	-	-
CR2	14/9/2018	Fine	Calm	Mid-Flood	B	11	9:22	8.33	8.18	26.79	27.9	3.05	6	-	-	-
CR2	14/9/2018	Fine	Calm	Mid-Flood	M	6	9:22	8.35	8.19	26.68	27.8	3.06	5	-	-	-
CR2	14/9/2018	Fine	Calm	Mid-Flood	M	6	9:23	8.4	8.18	26.56	27.7	3.07	5	-	-	-
CR2	14/9/2018	Fine	Calm	Mid-Flood	S	1	9:24	8.42	8.18	26.54	27.8	3.04	5	-	-	-
CR2	14/9/2018	Fine	Calm	Mid-Flood	S	1	9:24	8.42	8.17	26.63	28	3.05	6	-	-	-
H1	14/9/2018	Fine	Calm	Mid-Flood	B	5.6	9:42	7.35	8.22	28.74	29	3.83	7	-	-	-
H1	14/9/2018	Fine	Calm	Mid-Flood	B	5.6	9:42	7.37	8.23	28.71	28.9	3.83	7	-	-	-
H1	14/9/2018	Fine	Calm	Mid-Flood	M	3.3	9:43	7.48	8.23	28.69	29	3.85	4	-	-	-
H1	14/9/2018	Fine	Calm	Mid-Flood	M	3.3	9:44	7.59	8.24	28.72	29	3.88	4	-	-	-
H1	14/9/2018	Fine	Calm	Mid-Flood	S	1	9:44	7.75	8.23	28.55	29.1	3.88	3	-	-	-
H1	14/9/2018	Fine	Calm	Mid-Flood	S	1	9:45	7.82	8.24	28.64	29.1	3.89	3	-	-	-
B2	14/9/2018	Fine	Calm	Mid-Flood	B	3.5	10:04	7.8	8.23	27.96	27.8	4.18	6	-	-	-
B2	14/9/2018	Fine	Calm	Mid-Flood	B	3.5	10:04	7.83	8.22	28.21	27.8	4.2	6	-	-	-
B2	14/9/2018	Fine	Calm	Mid-Flood	S	1	10:05	7.76	8.21	28.1	27.8	4.22	3	-	-	-
B2	14/9/2018	Fine	Calm	Mid-Flood	S	1	10:05	7.69	8.22	28.06	27.9	4.21	3	-	-	-
B1	14/9/2018	Fine	Calm	Mid-Flood	B	4.6	10:19	8.44	8.16	28.72	28.9	3.58	5	-	-	-
B1	14/9/2018	Fine	Calm	Mid-Flood	B	4.6	10:20	8.46	8.15	28.86	29.1	3.63	5	-	-	-
B1	14/9/2018	Fine	Calm	Mid-Flood	S	1	10:20	8.51	8.15	29.04	29.1	3.64	5	-	-	-
B1	14/9/2018	Fine	Calm	Mid-Flood	S	1	10:21	8.64	8.16	29.24	29	3.62	4	-	-	-
C1	14/9/2018	Fine	Calm	Mid-Flood	B	9.8	10:36	7.83	8.22	28.89	28.1	3.94	5	-	-	-
C1	14/9/2018	Fine	Calm	Mid-Flood	B	9.8	10:37	7.87	8.24	29	28	3.94	5	-	-	-
C1	14/9/2018	Fine	Calm	Mid-Flood	M	5.4	10:38	7.94	8.23	29.11	28.2	3.91	4	-	-	-
C1	14/9/2018	Fine	Calm	Mid-Flood	M	5.4	10:38	8.14	8.24	28.97	28.2	3.86	5	-	-	-
C1	14/9/2018	Fine	Calm	Mid-Flood	S	1	10:39	8.23	8.22	29.17	28.3	3.82	3	-	-	-
C1	14/9/2018	Fine	Calm	Mid-Flood	S	1	10:40	8.2	8.23	29.15	28.3	3.79	4	-	-	-
C1	14/9/2018	Fine	Calm	Mid-Ebb	B	9.2	13:40	7.94	8.21	28.17	27.9	2.78	7	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	14/9/2018	Fine	Calm	Mid-Ebb	B	9.2	13:41	7.91	8.21	28.07	28	2.78	7	-	-	-
C1	14/9/2018	Fine	Calm	Mid-Ebb	M	5.1	13:41	8.06	8.21	28.09	28.2	2.82	5	-	-	-
C1	14/9/2018	Fine	Calm	Mid-Ebb	M	5.1	13:42	8.14	8.23	27.91	28.2	2.81	5	-	-	-
C1	14/9/2018	Fine	Calm	Mid-Ebb	S	1	13:43	8.24	8.22	27.83	28.3	2.83	4	-	-	-
C1	14/9/2018	Fine	Calm	Mid-Ebb	S	1	13:43	8.3	8.23	27.92	28.5	2.85	4	-	-	-
B1	14/9/2018	Fine	Calm	Mid-Ebb	B	4.1	14:00	8.72	8.2	28.59	28	1.83	8	-	-	-
B1	14/9/2018	Fine	Calm	Mid-Ebb	B	4.1	14:00	8.82	8.21	28.48	28.2	1.84	9	-	-	-
B1	14/9/2018	Fine	Calm	Mid-Ebb	S	1	14:01	8.86	8.21	28.66	28.2	1.85	7	-	-	-
B1	14/9/2018	Fine	Calm	Mid-Ebb	S	1	14:02	8.85	8.22	28.62	28.5	1.87	8	-	-	-
B2	14/9/2018	Fine	Calm	Mid-Ebb	B	3.1	14:14	8.49	8.18	28.8	27.9	3.86	6	-	-	-
B2	14/9/2018	Fine	Calm	Mid-Ebb	B	3.1	14:15	8.51	8.17	28.93	28	3.87	5	-	-	-
B2	14/9/2018	Fine	Calm	Mid-Ebb	S	1	14:16	8.73	8.18	28.95	28	3.88	4	-	-	-
B2	14/9/2018	Fine	Calm	Mid-Ebb	S	1	14:16	8.79	8.17	29.01	28	3.89	4	-	-	-
H1	14/9/2018	Fine	Calm	Mid-Ebb	B	5.1	14:27	8.01	8.21	27.94	29	1.94	6	-	-	-
H1	14/9/2018	Fine	Calm	Mid-Ebb	B	5.1	14:27	7.97	8.23	28.08	28.9	1.97	5	-	-	-
H1	14/9/2018	Fine	Calm	Mid-Ebb	M	3.1	14:28	8.07	8.23	28.38	29.1	1.99	4	-	-	-
H1	14/9/2018	Fine	Calm	Mid-Ebb	M	3.1	14:29	7.94	8.22	28.24	29.1	2.01	5	-	-	-
H1	14/9/2018	Fine	Calm	Mid-Ebb	S	1	14:29	8.03	8.23	28.21	29.1	2	3	-	-	-
H1	14/9/2018	Fine	Calm	Mid-Ebb	S	1	14:30	8.15	8.24	28.35	29.2	1.98	3	-	-	-
CR2	14/9/2018	Fine	Calm	Mid-Ebb	B	11.1	14:44	8.75	8.15	26.7	28.7	2.03	4	-	-	-
CR2	14/9/2018	Fine	Calm	Mid-Ebb	B	11.1	14:45	8.84	8.17	26.84	28.5	2.02	4	-	-	-
CR2	14/9/2018	Fine	Calm	Mid-Ebb	M	6.1	14:46	8.69	8.17	26.8	28.6	2.03	4	-	-	-
CR2	14/9/2018	Fine	Calm	Mid-Ebb	M	6.1	14:46	8.67	8.19	26.86	28.5	2	3	-	-	-
CR2	14/9/2018	Fine	Calm	Mid-Ebb	S	1	14:47	8.73	8.21	26.78	28.7	1.99	3	-	-	-
CR2	14/9/2018	Fine	Calm	Mid-Ebb	S	1	14:48	8.97	8.23	26.77	28.7	1.99	3	-	-	-
CR1	14/9/2018	Fine	Calm	Mid-Ebb	B	15	15:01	8.12	8.23	27.24	27.9	1.65	5	-	-	-
CR1	14/9/2018	Fine	Calm	Mid-Ebb	B	15	15:02	8.29	8.25	27.19	28.1	1.68	5	-	-	-
CR1	14/9/2018	Fine	Calm	Mid-Ebb	M	8	15:02	8.27	8.26	27.2	27.9	1.67	5	-	-	-
CR1	14/9/2018	Fine	Calm	Mid-Ebb	M	8	15:03	8.32	8.25	27.25	28	1.65	5	-	-	-
CR1	14/9/2018	Fine	Calm	Mid-Ebb	S	1	15:04	8.17	8.26	27.23	28	1.66	5	-	-	-
CR1	14/9/2018	Fine	Calm	Mid-Ebb	S	1	15:04	8.09	8.26	27.27	28.1	1.68	5	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	14/9/2018	Fine	Calm	Mid-Ebb	B	3.5	15:17	8.16	8.22	27.02	27.7	2.83	7	-	-	-
B3	14/9/2018	Fine	Calm	Mid-Ebb	B	3.5	15:18	8.17	8.22	27.1	27.7	2.8	6	-	-	-
B3	14/9/2018	Fine	Calm	Mid-Ebb	S	1	15:18	8.27	8.24	27.2	27.8	2.84	5	-	-	-
B3	14/9/2018	Fine	Calm	Mid-Ebb	S	1	15:19	8.39	8.24	27.2	27.9	2.82	4	-	-	-
B4	14/9/2018	Fine	Calm	Mid-Ebb	B	3.2	15:28	8.06	8.23	27.22	27.8	3.02	8	-	-	-
B4	14/9/2018	Fine	Calm	Mid-Ebb	B	3.2	15:29	8.13	8.23	27.42	27.8	3	8	-	-	-
B4	14/9/2018	Fine	Calm	Mid-Ebb	S	1	15:30	8.37	8.21	27.56	28	2.97	5	-	-	-
B4	14/9/2018	Fine	Calm	Mid-Ebb	S	1	15:30	8.45	8.22	27.63	28.2	2.99	5	-	-	-
C2	14/9/2018	Fine	Calm	Mid-Ebb	B	6.1	15:44	7.98	8.22	29.19	28.7	4.03	6	-	-	-
C2	14/9/2018	Fine	Calm	Mid-Ebb	B	6.1	15:44	8.13	8.21	29.42	28.7	4.06	6	-	-	-
C2	14/9/2018	Fine	Calm	Mid-Ebb	M	3.6	15:45	8.11	8.21	29.42	28.8	4.06	5	-	-	-
C2	14/9/2018	Fine	Calm	Mid-Ebb	M	3.6	15:46	8.01	8.23	29.47	29.1	4.1	6	-	-	-
C2	14/9/2018	Fine	Calm	Mid-Ebb	S	1	15:46	8.13	8.22	29.73	29.3	4.1	6	-	-	-
C2	14/9/2018	Fine	Calm	Mid-Ebb	S	1	15:47	8.05	8.24	29.74	29.4	4.13	5	-	-	-
F1	14/9/2018	Fine	Calm	Mid-Ebb	B	5.3	16:17	8.55	8.19	28.81	27.8	3.46	7	-	-	-
F1	14/9/2018	Fine	Calm	Mid-Ebb	B	5.3	16:17	8.51	8.21	28.89	27.9	3.46	8	-	-	-
F1	14/9/2018	Fine	Calm	Mid-Ebb	M	3.2	16:18	8.57	8.22	28.95	28.1	3.46	5	-	-	-
F1	14/9/2018	Fine	Calm	Mid-Ebb	M	3.2	16:18	8.6	8.23	29.01	28.1	3.48	5	-	-	-
F1	14/9/2018	Fine	Calm	Mid-Ebb	S	1	16:19	8.66	8.23	28.94	28.2	3.45	2	-	-	-
F1	14/9/2018	Fine	Calm	Mid-Ebb	S	1	16:20	8.6	8.26	29.18	28.3	3.47	3	-	-	-
M1	14/9/2018	Fine	Calm	Mid-Ebb	B	7.7	16:35	9.4	8.2	27.85	28.8	4.16	4	-	-	-
M1	14/9/2018	Fine	Calm	Mid-Ebb	B	7.7	16:36	9.53	8.21	27.83	28.6	4.2	3	-	-	-
M1	14/9/2018	Fine	Calm	Mid-Ebb	M	4.4	16:36	9.35	8.23	27.88	28.6	4.19	3	-	-	-
M1	14/9/2018	Fine	Calm	Mid-Ebb	M	4.4	16:37	9.41	8.22	27.96	28.8	4.17	4	-	-	-
M1	14/9/2018	Fine	Calm	Mid-Ebb	S	1	16:38	9.51	8.21	27.81	28.7	4.14	3	-	-	-
M1	14/9/2018	Fine	Calm	Mid-Ebb	S	1	16:38	9.4	8.23	27.92	28.8	4.13	3	-	-	-
C1	18/9/2018	Sunny	Moderate	Mid-Ebb	B	9.4	5:36	8.02	8.21	27.28	27.7	1.99	14	-	-	-
C1	18/9/2018	Sunny	Moderate	Mid-Ebb	M	5.2	5:37	7.9	8.24	27.58	27.9	1.99	11	-	-	-
C1	18/9/2018	Sunny	Moderate	Mid-Ebb	B	9.4	5:37	7.9	8.23	27.4	27.7	1.97	15	-	-	-
C1	18/9/2018	Sunny	Moderate	Mid-Ebb	M	5.2	5:38	7.98	8.26	27.55	27.7	2.01	12	-	-	-
C1	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	5:39	7.96	8.27	27.57	27.8	2.02	10	-	-	-

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	5:39	7.86	8.26	27.7	27.7	2.02	11	-	-	
B1	18/9/2018	Sunny	Moderate	Mid-Ebb	B	3.9	5:56	7.8	8.21	28.27	28.9	2.03	12	-	-	
B1	18/9/2018	Sunny	Moderate	Mid-Ebb	B	3.9	5:56	7.9	8.22	28.26	29.1	2.03	12	-	-	
B1	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	5:57	7.87	8.23	28.36	29	2.07	10	-	-	
B1	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	5:58	7.86	8.24	28.41	28.9	2.09	10	-	-	
B2	18/9/2018	Sunny	Moderate	Mid-Ebb	B	3.3	6:10	9.23	8.19	28.83	29	3.29	11	-	-	
B2	18/9/2018	Sunny	Moderate	Mid-Ebb	B	3.3	6:11	9.43	8.19	28.92	29	3.32	12	-	-	
B2	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	6:12	9.41	8.2	28.94	29.1	3.34	10	-	-	
B2	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	6:12	9.5	8.2	28.79	29.1	3.35	11	-	-	
H1	18/9/2018	Sunny	Moderate	Mid-Ebb	B	5.2	6:23	8.84	8.22	26.93	28.2	3.94	15	-	-	
H1	18/9/2018	Sunny	Moderate	Mid-Ebb	B	5.2	6:23	8.88	8.22	26.9	28.1	3.95	16	-	-	
H1	18/9/2018	Sunny	Moderate	Mid-Ebb	M	3.1	6:24	9.05	8.22	26.99	28.2	3.94	10	-	-	
H1	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	6:25	9.29	8.21	26.9	28.3	3.91	10	-	-	
H1	18/9/2018	Sunny	Moderate	Mid-Ebb	M	3.1	6:25	9.04	8.21	26.99	28.2	3.91	10	-	-	
H1	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	6:26	9.25	8.22	27.05	28.3	3.92	10	-	-	
CR2	18/9/2018	Sunny	Moderate	Mid-Ebb	B	11.9	6:40	9.25	8.21	29.23	28.3	3.89	10	-	-	
CR2	18/9/2018	Sunny	Moderate	Mid-Ebb	B	11.9	6:41	9.38	8.23	29.1	28.4	3.89	10	-	-	
CR2	18/9/2018	Sunny	Moderate	Mid-Ebb	M	6.5	6:42	9.28	8.23	28.99	28.4	3.88	9	-	-	
CR2	18/9/2018	Sunny	Moderate	Mid-Ebb	M	6.5	6:42	9.47	8.23	28.92	28.4	3.9	9	-	-	
CR2	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	6:43	9.48	8.25	28.9	28.4	3.93	7	-	-	
CR2	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	6:44	9.52	8.26	28.88	28.7	3.92	7	-	-	
CR1	18/9/2018	Sunny	Moderate	Mid-Ebb	B	15.5	6:57	7.98	8.18	29.36	28.7	4.11	9	-	-	
CR1	18/9/2018	Sunny	Moderate	Mid-Ebb	M	8.3	6:58	8.29	8.2	29.39	29.1	4.1	8	-	-	
CR1	18/9/2018	Sunny	Moderate	Mid-Ebb	B	15.5	6:58	8.05	8.18	29.42	29	4.14	10	-	-	
CR1	18/9/2018	Sunny	Moderate	Mid-Ebb	M	8.3	6:59	8.3	8.2	29.39	29.1	4.13	9	-	-	
CR1	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	7:00	8.5	8.19	29.25	29.2	4.17	8	-	-	
CR1	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	7:00	8.59	8.2	29.13	29.1	4.15	9	-	-	
B3	18/9/2018	Sunny	Moderate	Mid-Ebb	B	4.1	7:13	8	8.22	27.13	28	2.18	10	-	-	
B3	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	7:14	8.19	8.22	26.97	28.1	2.17	9	-	-	
B3	18/9/2018	Sunny	Moderate	Mid-Ebb	B	4.1	7:14	8.11	8.21	27.02	27.9	2.17	9	-	-	
B3	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	7:15	8.31	8.22	26.89	28.1	2.15	8	-	-	

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	18/9/2018	Sunny	Moderate	Mid-Ebb	B	3.6	7:24	7.67	8.18	29.04	27.9	2.94	12	-	-	
B4	18/9/2018	Sunny	Moderate	Mid-Ebb	B	3.6	7:25	7.78	8.19	29.14	27.9	2.98	11	-	-	
B4	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	7:26	7.91	8.18	29.22	27.8	2.98	9	-	-	
B4	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	7:26	8.1	8.18	29.39	27.8	3	9	-	-	
C2	18/9/2018	Sunny	Moderate	Mid-Ebb	B	5.9	7:40	7.9	8.21	29.15	29.2	3.86	12	-	-	
C2	18/9/2018	Sunny	Moderate	Mid-Ebb	B	5.9	7:40	7.9	8.23	29.37	29.3	3.87	11	-	-	
C2	18/9/2018	Sunny	Moderate	Mid-Ebb	M	3.5	7:41	8.1	8.23	29.64	29.3	3.88	10	-	-	
C2	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	7:42	8.21	8.25	29.94	29.1	3.9	9	-	-	
C2	18/9/2018	Sunny	Moderate	Mid-Ebb	M	3.5	7:42	8.28	8.24	29.65	29.3	3.87	11	-	-	
C2	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	7:43	8.14	8.26	30.01	29	3.88	9	-	-	
F1	18/9/2018	Sunny	Moderate	Mid-Ebb	B	5.3	8:13	8.06	8.17	28.12	28.4	2.17	11	-	-	
F1	18/9/2018	Sunny	Moderate	Mid-Ebb	B	5.3	8:13	8.06	8.2	28.21	28.5	2.21	11	-	-	
F1	18/9/2018	Sunny	Moderate	Mid-Ebb	M	3.2	8:14	7.91	8.21	28.43	28.7	2.24	9	-	-	
F1	18/9/2018	Sunny	Moderate	Mid-Ebb	M	3.2	8:14	7.9	8.22	28.41	28.9	2.28	10	-	-	
F1	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	8:15	8.03	8.23	28.4	28.9	2.3	9	-	-	
F1	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	8:16	7.95	8.23	28.42	28.9	2.3	9	-	-	
M1	18/9/2018	Sunny	Moderate	Mid-Ebb	B	7.5	8:31	8.67	8.19	28.18	28.1	1.63	12	-	-	
M1	18/9/2018	Sunny	Moderate	Mid-Ebb	M	4.3	8:32	8.66	8.22	28.26	28.2	1.61	9	-	-	
M1	18/9/2018	Sunny	Moderate	Mid-Ebb	B	7.5	8:32	8.62	8.21	28.18	28.1	1.6	13	-	-	
M1	18/9/2018	Sunny	Moderate	Mid-Ebb	M	4.3	8:33	8.69	8.22	28.24	28.4	1.62	10	-	-	
M1	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	8:34	8.62	8.23	28.19	28.5	1.63	9	-	-	
M1	18/9/2018	Sunny	Moderate	Mid-Ebb	S	1	8:34	8.8	8.21	28.32	28.5	1.64	9	-	-	
C2	18/9/2018	Sunny	Moderate	Mid-Flood	B	7	13:40	7.88	8.24	28.22	29.1	2.17	14	-	-	
C2	18/9/2018	Sunny	Moderate	Mid-Flood	M	4	13:41	8.1	8.24	28.33	29.1	2.18	10	-	-	
C2	18/9/2018	Sunny	Moderate	Mid-Flood	B	7	13:41	8.12	8.24	28.19	29.1	2.17	13	-	-	
C2	18/9/2018	Sunny	Moderate	Mid-Flood	M	4	13:42	7.94	8.25	28.24	29	2.16	11	-	-	
C2	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	13:43	7.9	8.24	28.45	29.1	2.2	10	-	-	
C2	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	13:43	7.74	8.25	28.33	29.3	2.18	11	-	-	
M1	18/9/2018	Sunny	Moderate	Mid-Flood	B	8.6	14:00	7.77	8.18	27.93	28.2	2.77	11	-	-	
M1	18/9/2018	Sunny	Moderate	Mid-Flood	B	8.6	14:00	7.78	8.19	27.96	28.4	2.79	11	-	-	
M1	18/9/2018	Sunny	Moderate	Mid-Flood	M	4.8	14:01	7.7	8.19	28.25	28.3	2.82	10	-	-	

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	18/9/2018	Sunny	Moderate	Mid-Flood	M	4.8	14:02	7.57	8.18	28.19	28.3	2.82	9	-	-	
M1	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	14:14	7.56	8.18	28.3	28.5	2.85	8	-	-	
M1	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	14:15	7.52	8.19	28.49	28.3	2.87	9	-	-	
F1	18/9/2018	Sunny	Moderate	Mid-Flood	B	6.1	14:16	9.05	8.2	27.78	28.3	1.99	12	-	-	
F1	18/9/2018	Sunny	Moderate	Mid-Flood	B	6.1	14:16	9.03	8.2	27.68	28.3	2.02	12	-	-	
F1	18/9/2018	Sunny	Moderate	Mid-Flood	M	3.6	14:27	8.94	8.21	27.83	28.2	2.06	11	-	-	
F1	18/9/2018	Sunny	Moderate	Mid-Flood	M	3.6	14:27	8.78	8.22	27.71	28.2	2.1	10	-	-	
F1	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	14:28	8.7	8.24	27.9	28.2	2.08	6	-	-	
F1	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	14:29	8.84	8.23	28.04	28.2	2.06	7	-	-	
B4	18/9/2018	Sunny	Moderate	Mid-Flood	B	4.3	14:29	8.96	8.22	29.2	28.1	3.7	13	-	-	
B4	18/9/2018	Sunny	Moderate	Mid-Flood	B	4.3	14:30	8.87	8.23	29.12	28.2	3.74	14	-	-	
B4	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	14:44	8.83	8.23	29.09	28.2	3.7	10	-	-	
B4	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	14:45	9.03	8.22	29.22	28.3	3.7	11	-	-	
B3	18/9/2018	Sunny	Moderate	Mid-Flood	B	4.7	14:46	7.82	8.2	27.92	27.9	3.79	8	-	-	
B3	18/9/2018	Sunny	Moderate	Mid-Flood	B	4.7	14:46	7.92	8.22	28.02	27.9	3.75	9	-	-	
B3	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	14:47	8.01	8.24	28.11	28.1	3.76	8	-	-	
B3	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	14:48	7.98	8.26	28.17	28.1	3.77	7	-	-	
CR1	18/9/2018	Sunny	Moderate	Mid-Flood	B	15.6	15:01	7.88	8.17	29.37	28.4	3.08	16	-	-	
CR1	18/9/2018	Sunny	Moderate	Mid-Flood	M	8.3	15:02	8.04	8.2	29.45	28.3	3.08	14	-	-	
CR1	18/9/2018	Sunny	Moderate	Mid-Flood	B	15.6	15:02	7.95	8.19	29.56	28.4	3.08	17	-	-	
CR1	18/9/2018	Sunny	Moderate	Mid-Flood	M	8.3	15:03	7.92	8.19	29.55	28.3	3.1	13	-	-	
CR1	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	15:04	8.1	8.17	29.63	28.3	3.11	12	-	-	
CR1	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	15:04	8.02	8.17	29.84	28.3	3.13	12	-	-	
CR2	18/9/2018	Sunny	Moderate	Mid-Flood	B	12.1	15:17	8.3	8.22	27.14	27.6	1.84	8	-	-	
CR2	18/9/2018	Sunny	Moderate	Mid-Flood	M	6.6	15:18	8.49	8.23	27.24	27.9	1.83	8	-	-	
CR2	18/9/2018	Sunny	Moderate	Mid-Flood	B	12.1	15:18	8.37	8.22	27.07	27.8	1.84	9	-	-	
CR2	18/9/2018	Sunny	Moderate	Mid-Flood	M	6.6	15:19	8.62	8.22	27.11	27.9	1.85	8	-	-	
CR2	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	15:28	8.59	8.24	27.18	28.1	1.9	6	-	-	
CR2	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	15:29	8.72	8.24	27.2	28.3	1.93	6	-	-	
H1	18/9/2018	Sunny	Moderate	Mid-Flood	B	5.9	15:30	9.08	8.23	28.64	28.1	2.71	12	-	-	
H1	18/9/2018	Sunny	Moderate	Mid-Flood	B	5.9	15:30	9.14	8.24	28.61	28.1	2.71	12	-	-	

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	18/9/2018	Sunny	Moderate	Mid-Flood	M	3.5	15:44	9.31	8.25	28.62	28.4	2.72	11	-	-	
H1	18/9/2018	Sunny	Moderate	Mid-Flood	M	3.5	15:44	9.49	8.26	28.77	28.5	2.73	11	-	-	
H1	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	15:45	9.37	8.26	28.69	28.6	2.7	9	-	-	
H1	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	15:46	9.38	8.26	28.79	28.7	2.71	10	-	-	
B2	18/9/2018	Sunny	Moderate	Mid-Flood	B	4	15:46	8.25	8.19	26.83	28.3	4.22	10	-	-	
B2	18/9/2018	Sunny	Moderate	Mid-Flood	B	4	15:47	8.34	8.2	26.88	28.3	4.19	10	-	-	
B2	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	16:17	8.38	8.2	26.98	28.3	4.22	9	-	-	
B2	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	16:17	8.41	8.21	26.98	28.3	4.23	10	-	-	
B1	18/9/2018	Sunny	Moderate	Mid-Flood	B	4.3	16:18	9.01	8.2	28.74	28.8	3.8	11	-	-	
B1	18/9/2018	Sunny	Moderate	Mid-Flood	B	4.3	16:18	9.12	8.19	28.7	28.8	3.8	11	-	-	
B1	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	16:19	8.93	8.21	28.65	28.7	3.84	11	-	-	
B1	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	16:20	8.97	8.21	28.83	28.5	3.89	11	-	-	
C1	18/9/2018	Sunny	Moderate	Mid-Flood	B	10.7	16:35	8.15	8.24	28.08	28.1	3.38	13	-	-	
C1	18/9/2018	Sunny	Moderate	Mid-Flood	M	5.9	16:36	8.33	8.24	28.14	28.2	3.4	9	-	-	
C1	18/9/2018	Sunny	Moderate	Mid-Flood	B	10.7	16:36	8.29	8.24	28.07	28.1	3.41	14	-	-	
C1	18/9/2018	Sunny	Moderate	Mid-Flood	M	5.9	16:37	8.43	8.24	28.34	28	3.41	10	-	-	
C1	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	16:38	8.42	8.23	28.5	28	3.37	9	-	-	
C1	18/9/2018	Sunny	Moderate	Mid-Flood	S	1	16:38	8.57	8.22	28.72	28.1	3.34	8	-	-	
C1	20/9/2018	Fine	Calm	Mid-Ebb	B	8.9	7:34	9.16	8.19	27.05	26	6.05	11	96	0.54	SE
C1	20/9/2018	Fine	Calm	Mid-Ebb	B	8.9	7:35	9.25	8.2	27.11	26.1	6.07	10	96	0.55	SE
C1	20/9/2018	Fine	Calm	Mid-Ebb	M	5	7:35	9.36	8.21	27.2	26.2	3.11	10	95	0.45	SE
C1	20/9/2018	Fine	Calm	Mid-Ebb	M	5	7:36	9.46	8.23	27.34	26.2	3.15	9	95	0.46	SE
C1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	7:37	9.43	8.25	27.42	26.3	1.16	9	96	0.29	E
C1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	7:37	9.52	8.25	27.31	26.4	1.15	8	96	0.29	E
B1	20/9/2018	Fine	Calm	Mid-Ebb	B	3.8	7:50	7.78	8.17	28.26	28.1	2.94	16	96	0.37	SE
B1	20/9/2018	Fine	Calm	Mid-Ebb	B	3.8	7:50	7.8	8.17	28.23	28.2	2.95	15	96	0.34	SE
B1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	7:51	7.81	8.19	28.12	28.4	2.98	11	96	0.15	SE
B1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	7:52	7.89	8.18	28.07	28.4	2.96	10	95	0.11	SE
S1	20/9/2018	Fine	Calm	Mid-Ebb	B	3.2	8:01	9.02	8.21	28.03	26.9	4.03	9	95	0.52	E
S1	20/9/2018	Fine	Calm	Mid-Ebb	B	3.2	8:02	9.14	8.21	28.13	26.9	4.08	9	97	0.51	E
S1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	8:03	9.02	8.21	28.25	26.9	4.04	6	94	0.16	E

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Impact 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>
S1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	8:03	8.99	8.22	28.35	27.1	4.06	7	95	0.16	E
B2	20/9/2018	Fine	Calm	Mid-Ebb	B	3	8:14	8.98	8.18	27.04	26	4.04	19	94	0.1	SE
B2	20/9/2018	Fine	Calm	Mid-Ebb	B	3	8:14	9.09	8.16	27.1	26.2	4	18	96	0.07	SE
B2	20/9/2018	Fine	Calm	Mid-Ebb	S	1	8:15	9.01	8.16	27.26	26.4	4	14	95	0.55	SE
B2	20/9/2018	Fine	Calm	Mid-Ebb	S	1	8:16	7.69	8.18	26.06	27.1	5.94	11	96	0.59	S
S2	20/9/2018	Fine	Calm	Mid-Ebb	B	7.2	8:28	9.16	8.16	27.36	26.3	5.98	14	94	0.13	SE
S2	20/9/2018	Fine	Calm	Mid-Ebb	B	7.2	8:29	7.6	8.18	26.1	27	3.98	12	96	0.12	SE
S2	20/9/2018	Fine	Calm	Mid-Ebb	M	4.1	8:29	7.63	8.19	26.06	27	3.99	9	97	0.24	SE
S2	20/9/2018	Fine	Calm	Mid-Ebb	M	4.1	8:30	7.77	8.19	26.22	27	4.03	10	95	0.23	SE
S2	20/9/2018	Fine	Calm	Mid-Ebb	S	1	8:31	7.74	8.17	26.41	26.9	2	8	95	0.59	S
S2	20/9/2018	Fine	Calm	Mid-Ebb	S	1	8:31	7.85	8.19	26.52	27	2.01	9	96	0.57	SE
H1	20/9/2018	Fine	Calm	Mid-Ebb	B	5.1	8:45	8.25	8.21	27.11	26.1	5.95	14	95	0.1	SW
H1	20/9/2018	Fine	Calm	Mid-Ebb	B	5.1	8:46	8.3	8.24	27.25	26.2	5.95	15	96	0.09	S
H1	20/9/2018	Fine	Calm	Mid-Ebb	M	3.1	8:46	8.52	8.24	27.38	26.5	3.96	14	96	0.37	SW
H1	20/9/2018	Fine	Calm	Mid-Ebb	M	3.1	8:47	8.55	8.23	27.31	26.6	3.99	14	97	0.33	SW
H1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	8:48	8.45	8.26	27.32	26.7	1.98	12	96	0.54	SW
H1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	8:48	8.42	8.27	27.29	26.7	1.97	13	97	0.53	SW
CR2	20/9/2018	Fine	Calm	Mid-Ebb	B	10	9:01	8.82	8.21	26.55	26	4.94	13	95	0.32	SE
CR2	20/9/2018	Fine	Calm	Mid-Ebb	B	10	9:01	8.83	8.23	26.75	26	4.93	12	96	0.33	SE
CR2	20/9/2018	Fine	Calm	Mid-Ebb	M	5.5	9:02	8.95	8.21	26.61	26.2	3.89	10	96	0.15	S
CR2	20/9/2018	Fine	Calm	Mid-Ebb	M	5.5	9:03	9.18	8.22	26.65	26.4	3.9	11	95	0.16	S
CR2	20/9/2018	Fine	Calm	Mid-Ebb	S	1	9:03	9.33	8.21	26.73	26.7	2.95	9	95	0.13	SE
CR2	20/9/2018	Fine	Calm	Mid-Ebb	S	1	9:04	9.27	8.21	26.85	26.6	2.95	10	96	0.16	SE
S3	20/9/2018	Fine	Calm	Mid-Ebb	B	9.8	9:18	8.82	8.18	28.26	27	5.98	15	96	0.47	SE
S3	20/9/2018	Fine	Calm	Mid-Ebb	B	9.8	9:18	8.86	8.19	28.38	27.2	5.97	15	97	0.45	SE
S3	20/9/2018	Fine	Calm	Mid-Ebb	M	5.4	9:19	8.96	8.19	28.32	27.4	2.97	13	95	0.57	SE
S3	20/9/2018	Fine	Calm	Mid-Ebb	M	5.4	9:19	9.18	8.22	28.21	27.3	3	12	96	0.59	SE
S3	20/9/2018	Fine	Calm	Mid-Ebb	S	1	9:20	9.29	8.22	28.41	27.3	1	11	95	0.29	SE
S3	20/9/2018	Fine	Calm	Mid-Ebb	S	1	9:21	9.42	8.22	28.52	27.5	0.99	10	96	0.34	SE
CR1	20/9/2018	Fine	Calm	Mid-Ebb	B	14.1	9:34	8.23	8.21	28.03	27	5.96	16	96	0.24	SE
CR1	20/9/2018	Fine	Calm	Mid-Ebb	B	14.1	9:35	8.12	8.22	28.07	27.2	5.98	17	96	0.22	SE

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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	20/9/2018	Fine	Calm	Mid-Ebb	M	7.6	9:35	8.24	8.21	28.11	27.2	2.98	13	96	0.59	SE
CR1	20/9/2018	Fine	Calm	Mid-Ebb	M	7.6	9:36	8.31	8.23	28.2	27	2.94	13	97	0.62	SE
CR1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	9:36	8.27	8.23	28.2	26.9	1.95	12	96	0.25	SE
CR1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	9:37	8.36	8.22	28.16	26.9	1.97	12	97	0.24	SE
B3	20/9/2018	Fine	Calm	Mid-Ebb	B	3.3	9:46	8.21	8.21	27.96	26	2.94	15	95	0.48	E
B3	20/9/2018	Fine	Calm	Mid-Ebb	B	3.3	9:47	8.32	8.21	28.19	26	2.96	16	97	0.48	E
B3	20/9/2018	Fine	Calm	Mid-Ebb	S	1	9:48	8.33	8.21	28.07	26	2.96	12	96	0.35	E
B3	20/9/2018	Fine	Calm	Mid-Ebb	S	1	9:59	8.4	8.21	28.21	26.1	2.99	13	96	0.32	E
B4	20/9/2018	Fine	Calm	Mid-Ebb	B	3.1	10:00	8.37	8.22	28.12	28	3.98	11	95	0.4	S
B4	20/9/2018	Fine	Calm	Mid-Ebb	B	3.1	10:00	8.59	8.23	28.29	28.2	4.01	11	95	0.38	S
B4	20/9/2018	Fine	Calm	Mid-Ebb	S	1	10:01	8.61	8.24	28.32	28.2	4.06	9	96	0.38	S
B4	20/9/2018	Fine	Calm	Mid-Ebb	S	1	10:02	8.74	8.25	28.48	28.1	4.05	10	94	0.35	S
C2	20/9/2018	Fine	Calm	Mid-Ebb	B	6.8	10:14	8.94	8.22	27.18	27	4.94	11	96	0.38	S
C2	20/9/2018	Fine	Calm	Mid-Ebb	B	6.8	10:14	8.98	8.21	27.29	27	4.98	12	95	0.4	S
C2	20/9/2018	Fine	Calm	Mid-Ebb	M	3.9	10:15	9.02	8.22	27.29	27.2	3.95	9	97	0.56	SW
C2	20/9/2018	Fine	Calm	Mid-Ebb	M	3.9	10:16	9.12	8.21	27.49	27.4	3.95	10	95	0.54	SW
C2	20/9/2018	Fine	Calm	Mid-Ebb	S	1	10:16	9.21	8.23	27.43	27.4	1.91	7	96	0.42	SW
C2	20/9/2018	Fine	Calm	Mid-Ebb	S	1	10:17	9.28	8.22	27.56	27.6	1.93	6	97	0.43	SW
F1	20/9/2018	Fine	Calm	Mid-Ebb	B	5.3	10:34	9.02	8.22	26.7	26	6.02	9	95	0.53	SE
F1	20/9/2018	Fine	Calm	Mid-Ebb	B	5.3	10:35	9.25	8.23	26.53	26.1	6.03	9	95	0.54	S
F1	20/9/2018	Fine	Calm	Mid-Ebb	M	3.2	10:36	9.25	8.23	26.57	26.1	4.03	6	95	0.36	SE
F1	20/9/2018	Fine	Calm	Mid-Ebb	M	3.2	10:36	9.49	8.22	26.65	26.1	3.99	7	95	0.34	SE
F1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	10:37	9.67	8.22	26.69	26.1	1.98	5	96	0.52	S
F1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	10:37	9.56	8.21	26.84	26.2	1.99	6	94	0.55	SE
M1	20/9/2018	Fine	Calm	Mid-Ebb	B	7.2	10:51	8.07	8.16	28.09	26.9	5.08	21	96	0.38	SE
M1	20/9/2018	Fine	Calm	Mid-Ebb	B	7.2	10:52	8.05	8.16	28.25	27	5.08	22	96	0.38	SE
M1	20/9/2018	Fine	Calm	Mid-Ebb	M	4.1	10:52	8.06	8.15	28.32	27	4.05	16	97	0.56	SE
M1	20/9/2018	Fine	Calm	Mid-Ebb	M	4.1	10:53	7.89	8.16	28.39	26.9	4.07	17	96	0.59	E
M1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	10:54	7.85	8.16	28.45	27.2	3.04	11	96	0.44	E
M1	20/9/2018	Fine	Calm	Mid-Ebb	S	1	10:54	8	8.17	28.6	27.1	3.03	11	96	0.46	E
C2	20/9/2018	Fine	Calm	Mid-Flood	B	7	15:01	8.06	8.21	26.28	27	6.02	10	97	0.5	NE

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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	20/9/2018	Fine	Calm	Mid-Flood	B	7	15:02	8.16	8.22	26.39	27.2	6.02	10	97	0.48	NE
C2	20/9/2018	Fine	Calm	Mid-Flood	M	4	15:02	8.16	8.22	26.4	27.4	4.06	9	94	0.48	NE
C2	20/9/2018	Fine	Calm	Mid-Flood	M	4	15:03	8.18	8.22	26.58	27.4	4.07	9	98	0.49	NE
C2	20/9/2018	Fine	Calm	Mid-Flood	S	1	15:04	8.27	8.22	26.75	27.4	2.09	7	97	0.12	NE
C2	20/9/2018	Fine	Calm	Mid-Flood	S	1	15:04	8.18	8.22	26.71	27.3	2.06	8	97	0.1	NE
B4	20/9/2018	Fine	Calm	Mid-Flood	B	3.4	15:17	9.04	8.21	27.94	26	3	10	96	0.25	NW
B4	20/9/2018	Fine	Calm	Mid-Flood	B	3.4	15:17	8.9	8.22	27.88	25.9	3.02	9	97	0.26	N
B4	20/9/2018	Fine	Calm	Mid-Flood	S	1	15:18	9.01	8.21	27.72	25.9	3.01	8	97	0.51	N
B4	20/9/2018	Fine	Calm	Mid-Flood	S	1	15:19	9.09	8.23	27.77	25.9	3.06	8	97	0.5	NW
B3	20/9/2018	Fine	Calm	Mid-Flood	B	3.9	15:28	7.97	8.19	27.84	27	3.96	8	96	0.1	NW
B3	20/9/2018	Fine	Calm	Mid-Flood	B	3.9	15:29	8.15	8.19	27.77	27.1	3.94	9	97	0.1	NW
B3	20/9/2018	Fine	Calm	Mid-Flood	S	1	15:30	8.22	8.18	27.69	27.1	3.91	5	95	0.13	N
B3	20/9/2018	Fine	Calm	Mid-Flood	S	1	15:30	8.17	8.2	27.89	27.2	3.94	5	97	0.11	NW
CR1	20/9/2018	Fine	Calm	Mid-Flood	B	14.8	15:41	9.23	8.2	27.41	28	5.94	14	96	0.32	NW
CR1	20/9/2018	Fine	Calm	Mid-Flood	B	14.8	15:41	9.33	8.22	27.34	28.1	5.93	13	96	0.27	NW
CR1	20/9/2018	Fine	Calm	Mid-Flood	M	7.9	15:42	9.32	8.22	27.33	28.1	3.93	13	97	0.14	NW
CR1	20/9/2018	Fine	Calm	Mid-Flood	M	7.9	15:43	9.47	8.22	27.34	28.2	3.93	13	95	0.12	W
CR1	20/9/2018	Fine	Calm	Mid-Flood	S	1	15:43	9.51	8.22	27.31	28.3	1.97	11	94	0.46	W
CR1	20/9/2018	Fine	Calm	Mid-Flood	S	1	15:44	9.63	8.22	27.3	28.3	2	11	95	0.45	W
S3	20/9/2018	Fine	Calm	Mid-Flood	B	10.4	15:56	9.16	8.21	26.85	28	5.94	14	96	0.53	NW
S3	20/9/2018	Fine	Calm	Mid-Flood	B	10.4	15:57	9.4	8.22	26.8	27.8	5.95	14	96	0.54	NW
S3	20/9/2018	Fine	Calm	Mid-Flood	M	5.7	15:58	9.59	8.24	26.67	27.9	2.93	13	96	0.51	NW
S3	20/9/2018	Fine	Calm	Mid-Flood	M	5.7	15:58	9.56	8.23	26.74	27.9	2.95	12	95	0.51	NW
S3	20/9/2018	Fine	Calm	Mid-Flood	S	1	15:59	9.76	8.23	26.64	28.1	1.96	11	97	0.36	NW
S3	20/9/2018	Fine	Calm	Mid-Flood	S	1	16:00	9.84	8.24	26.69	28.2	1.96	11	95	0.34	NW
CR2	20/9/2018	Fine	Calm	Mid-Flood	B	10.6	16:12	8.99	8.2	27.68	26	4.99	12	95	0.48	NW
CR2	20/9/2018	Fine	Calm	Mid-Flood	B	10.6	16:13	8.95	8.19	27.83	26.1	4.96	13	95	0.44	NW
CR2	20/9/2018	Fine	Calm	Mid-Flood	M	5.8	16:13	9.08	8.21	27.8	26.2	3.97	13	96	0.19	NW
CR2	20/9/2018	Fine	Calm	Mid-Flood	M	5.8	16:14	9.06	8.21	27.69	26.3	4	12	97	0.18	NW
CR2	20/9/2018	Fine	Calm	Mid-Flood	S	1	16:15	9.05	8.19	27.84	26.5	3.03	13	96	0.52	NW
CR2	20/9/2018	Fine	Calm	Mid-Flood	S	1	16:15	8.95	8.18	28.01	26.7	3.01	12	95	0.53	NW

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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	20/9/2018	Fine	Calm	Mid-Flood	B	5.5	16:28	7.91	8.17	26.92	26	6	12	96	0.24	SW
H1	20/9/2018	Fine	Calm	Mid-Flood	B	5.5	16:28	7.92	8.19	27.16	26	6.02	13	98	0.26	SW
H1	20/9/2018	Fine	Calm	Mid-Flood	M	3.3	16:29	7.87	8.19	27.14	26.1	4.02	10	97	0.14	SW
H1	20/9/2018	Fine	Calm	Mid-Flood	M	3.3	16:30	8.07	8.2	27.18	26.3	4.02	9	96	0.15	SW
H1	20/9/2018	Fine	Calm	Mid-Flood	S	1	16:30	8.13	8.22	27.26	26.4	2.04	8	97	0.58	S
H1	20/9/2018	Fine	Calm	Mid-Flood	S	1	16:31	8.29	8.24	27.4	26.3	2.03	8	95	0.59	SW
S2	20/9/2018	Fine	Calm	Mid-Flood	B	7.8	16:45	7.9	8.19	27.94	27	5.06	9	94	0.42	W
S2	20/9/2018	Fine	Calm	Mid-Flood	B	7.8	16:45	7.84	8.22	28.14	27	5.03	10	97	0.41	W
S2	20/9/2018	Fine	Calm	Mid-Flood	M	4.4	16:46	8.01	8.21	28.02	27	3.07	9	96	0.24	W
S2	20/9/2018	Fine	Calm	Mid-Flood	M	4.4	16:46	7.96	8.21	27.99	27	3.03	9	96	0.22	W
S2	20/9/2018	Fine	Calm	Mid-Flood	S	1	16:47	7.93	8.21	28.01	26.9	2.04	8	96	0.55	SW
S2	20/9/2018	Fine	Calm	Mid-Flood	S	1	16:48	7.94	8.2	27.88	27	2.02	8	96	0.57	SW
B2	20/9/2018	Fine	Calm	Mid-Flood	B	3.5	17:01	7.69	8.21	26.98	26	2.96	10	95	0.18	NW
B2	20/9/2018	Fine	Calm	Mid-Flood	B	3.5	17:02	7.81	8.22	27.04	25.9	2.94	11	96	0.17	NW
B2	20/9/2018	Fine	Calm	Mid-Flood	S	1	17:02	7.91	8.22	27.1	25.8	2.97	10	96	0.4	NW
B2	20/9/2018	Fine	Calm	Mid-Flood	S	1	17:03	7.92	8.23	27.07	26	2.98	9	97	0.4	NW
S1	20/9/2018	Fine	Calm	Mid-Flood	B	3.6	17:13	8.95	8.2	26.18	27	3.01	12	94	0.52	NW
S1	20/9/2018	Fine	Calm	Mid-Flood	B	3.6	17:13	9.17	8.2	26.06	27	3.03	12	96	0.5	NW
S1	20/9/2018	Fine	Calm	Mid-Flood	S	1	17:14	9.41	8.2	26.17	27.3	3.07	5	96	0.11	NW
S1	20/9/2018	Fine	Calm	Mid-Flood	S	1	17:15	9.43	8.21	26.04	27.2	3.12	5	97	0.12	NW
B1	20/9/2018	Fine	Calm	Mid-Flood	B	4.1	17:26	8.08	8.2	28	26.1	3.92	14	96	0.26	SW
B1	20/9/2018	Fine	Calm	Mid-Flood	B	4.1	17:27	8.22	8.18	28.08	26.2	3.95	14	96	0.24	SW
B1	20/9/2018	Fine	Calm	Mid-Flood	S	1	17:27	8.29	8.19	28.11	26.2	3.96	11	95	0.57	SW
B1	20/9/2018	Fine	Calm	Mid-Flood	S	1	17:28	8.22	8.18	28.27	26.1	4	11	96	0.6	W
C1	20/9/2018	Fine	Calm	Mid-Flood	B	9.5	17:41	7.74	8.19	25.6	27	6.08	16	96	0.58	W
C1	20/9/2018	Fine	Calm	Mid-Flood	B	9.5	17:41	7.72	8.21	25.58	27	6.08	15	97	0.54	W
C1	20/9/2018	Fine	Calm	Mid-Flood	M	5.3	17:42	7.74	8.21	25.78	27.1	3.08	14	95	0.57	W
C1	20/9/2018	Fine	Calm	Mid-Flood	M	5.3	17:43	7.68	8.21	25.84	27	3.05	14	96	0.56	W
C1	20/9/2018	Fine	Calm	Mid-Flood	S	1	17:43	7.67	8.21	25.89	27.1	1.03	13	96	0.11	W
C1	20/9/2018	Fine	Calm	Mid-Flood	S	1	17:44	7.81	8.23	25.85	27.3	1.03	12	96	0.13	W
M1	20/9/2018	Fine	Calm	Mid-Flood	B	7.9	18:01	9.01	8.2	26.8	27	5.07	15	94	0.24	SW

Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Impact 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	20/9/2018	Fine	Calm	Mid-Flood	B	7.9	18:02	9.09	8.2	27.06	27.1	5.1	14	96	0.25	SW
M1	20/9/2018	Fine	Calm	Mid-Flood	M	4.5	18:03	9.19	8.22	27.2	27.1	4.11	13	96	0.41	SW
M1	20/9/2018	Fine	Calm	Mid-Flood	M	4.5	18:03	9.1	8.21	27.1	27.1	4.13	14	96	0.4	SW
M1	20/9/2018	Fine	Calm	Mid-Flood	S	1	18:04	9.34	8.21	27.24	27.3	2.15	13	95	0.38	S
M1	20/9/2018	Fine	Calm	Mid-Flood	S	1	18:04	9.55	8.21	27.34	27.4	2.17	12	97	0.37	S
F1	20/9/2018	Fine	Calm	Mid-Flood	B	5.5	18:18	9.2	8.19	26.1	27	6.04	8	96	0.17	NW
F1	20/9/2018	Fine	Calm	Mid-Flood	B	5.5	18:19	9.17	8.21	26.19	27	6.03	9	96	0.14	NW
F1	20/9/2018	Fine	Calm	Mid-Flood	M	3.3	18:19	9.2	8.23	26.33	27.1	4.08	6	96	0.52	NW
F1	20/9/2018	Fine	Calm	Mid-Flood	M	3.3	18:20	9.19	8.23	26.22	27.1	4.05	7	96	0.55	NW
F1	20/9/2018	Fine	Calm	Mid-Flood	S	1	18:21	9.25	8.24	26.34	27.3	2.07	6	96	0.3	NW
F1	20/9/2018	Fine	Calm	Mid-Flood	S	1	18:21	9.21	8.24	26.39	27.3	2.06	5	97	0.29	NW
C1	22/9/2018	Sunny	Calm	Mid-Ebb	B	8.5	8:59	8.06	8.23	28.06	26.9	5.02	6	94	0.44	SE
C1	22/9/2018	Sunny	Calm	Mid-Ebb	B	8.5	8:59	8.18	8.24	27.98	27	5	5	93	0.41	SE
C1	22/9/2018	Sunny	Calm	Mid-Ebb	M	4.8	9:00	8.06	8.24	27.95	27.2	3.02	5	93	0.35	SE
C1	22/9/2018	Sunny	Calm	Mid-Ebb	M	4.8	9:01	7.96	8.24	28.08	27.4	3.03	4	93	0.32	SE
C1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	9:01	8.01	8.25	28.04	27.6	2.07	4	93	0.21	SE
C1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	9:02	7.94	8.27	28.05	27.5	2.07	5	94	0.21	SE
B1	22/9/2018	Sunny	Calm	Mid-Ebb	B	3.5	9:15	8.94	8.16	27.73	27	3.07	8	95	0.16	SE
B1	22/9/2018	Sunny	Calm	Mid-Ebb	B	3.5	9:16	8.86	8.18	27.68	27.1	3.11	9	95	0.17	SE
B1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	9:17	8.85	8.18	27.58	27.3	3.15	4	96	0.5	E
B1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	9:17	8.79	8.2	27.65	27.4	3.17	5	94	0.5	SE
S1	22/9/2018	Sunny	Calm	Mid-Ebb	B	3.1	9:26	7.9	8.21	28.06	28	3.94	5	93	0.51	E
S1	22/9/2018	Sunny	Calm	Mid-Ebb	B	3.1	9:27	8.04	8.2	28.27	27.9	3.94	5	93	0.52	E
S1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	9:27	8.08	8.19	28.29	28.1	3.97	3	95	0.12	SE
S1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	9:28	7.98	8.19	28.38	28.1	3.96	3	94	0.12	E
B2	22/9/2018	Sunny	Calm	Mid-Ebb	B	2.9	9:39	8.69	8.2	27.1	27	3	7	92	0.44	SE
B2	22/9/2018	Sunny	Calm	Mid-Ebb	B	2.9	9:40	8.61	8.2	27.04	27	2.96	8	93	0.45	SE
B2	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	9:41	8.56	8.23	27.05	27.2	2.99	4	95	0.28	SE
B2	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	9:41	8.42	8.22	27.14	27.3	3.01	5	93	0.3	S
S2	22/9/2018	Sunny	Calm	Mid-Ebb	B	7	9:54	7.72	8.19	26.9	27	3.99	4	93	0.42	SE
S2	22/9/2018	Sunny	Calm	Mid-Ebb	B	7	9:54	7.56	8.2	26.85	27.1	3.96	4	92	0.43	SE

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	22/9/2018	Sunny	Calm	Mid-Ebb	M	4	9:55	7.7	8.22	26.85	27.3	3.95	3	93	0.55	SE
S2	22/9/2018	Sunny	Calm	Mid-Ebb	M	4	9:56	7.8	8.21	26.72	27.3	3.92	4	93	0.51	SE
S2	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	9:56	7.72	8.22	26.69	27.3	3.94	2	95	0.37	SE
S2	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	9:57	7.84	8.21	26.73	27.5	3.99	3	93	0.35	SE
H1	22/9/2018	Sunny	Calm	Mid-Ebb	B	5.2	10:10	8.75	8.22	28.16	27	6.04	6	93	0.55	SW
H1	22/9/2018	Sunny	Calm	Mid-Ebb	B	5.2	10:10	8.74	8.2	28.06	27	6.04	6	93	0.53	SW
H1	22/9/2018	Sunny	Calm	Mid-Ebb	M	3.1	10:11	8.69	8.19	28.17	27	4.04	5	94	0.48	SW
H1	22/9/2018	Sunny	Calm	Mid-Ebb	M	3.1	10:11	8.64	8.2	28.38	27.2	4.05	5	94	0.47	SW
H1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	10:12	8.6	8.21	28.23	27.2	2.02	4	94	0.58	SW
H1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	10:13	8.68	8.2	28.16	27.3	1.99	5	94	0.6	SW
CR2	22/9/2018	Sunny	Calm	Mid-Ebb	B	9.9	10:26	9.09	8.18	26.02	27	6.05	8	92	0.2	SE
CR2	22/9/2018	Sunny	Calm	Mid-Ebb	B	9.9	10:27	9.11	8.19	26.15	27.2	5.07	7	93	0.17	SE
CR2	22/9/2018	Sunny	Calm	Mid-Ebb	M	5.5	10:27	9.02	8.2	26.29	27.4	3.1	5	93	0.15	S
CR2	22/9/2018	Sunny	Calm	Mid-Ebb	M	5.5	10:28	8.96	8.21	26.32	27.5	3.15	5	92	0.14	S
CR2	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	10:29	8.81	8.2	26.22	27.6	2.16	4	93	0.54	S
CR2	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	10:29	8.87	8.22	26.38	27.8	2.17	5	92	0.53	S
S3	22/9/2018	Sunny	Calm	Mid-Ebb	B	9.8	10:43	8.95	8.23	25.77	27	5.94	5	95	0.46	SE
S3	22/9/2018	Sunny	Calm	Mid-Ebb	B	9.8	10:44	9.04	8.24	25.87	26.9	5.95	5	93	0.48	SE
S3	22/9/2018	Sunny	Calm	Mid-Ebb	M	5.4	10:44	9.11	8.26	26.02	26.9	2.96	5	93	0.58	SE
S3	22/9/2018	Sunny	Calm	Mid-Ebb	M	5.4	10:45	9.13	8.25	25.93	27.1	2.93	4	93	0.56	SE
S3	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	10:45	9.28	8.27	25.81	27.2	1.94	3	92	0.57	SE
S3	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	10:46	9.4	8.26	25.94	27.2	1.93	3	93	0.56	SE
CR1	22/9/2018	Sunny	Calm	Mid-Ebb	B	14	10:59	8.06	8.16	26.78	27	5.98	6	94	0.59	SE
CR1	22/9/2018	Sunny	Calm	Mid-Ebb	B	14	10:59	8.17	8.15	26.66	27	6.01	6	93	0.57	SE
CR1	22/9/2018	Sunny	Calm	Mid-Ebb	M	7.5	11:00	8.14	8.16	26.67	27.2	3	5	91	0.32	SE
CR1	22/9/2018	Sunny	Calm	Mid-Ebb	M	7.5	11:01	8.02	8.17	26.59	27.2	2.96	6	93	0.33	SE
CR1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	11:01	8.07	8.17	26.61	27	1.95	3	93	0.44	S
CR1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	11:02	8.27	8.2	26.75	27.1	1.93	4	92	0.47	S
B3	22/9/2018	Sunny	Calm	Mid-Ebb	B	3.2	11:11	9.09	8.19	27.27	26	3.02	7	92	0.5	E
B3	22/9/2018	Sunny	Calm	Mid-Ebb	B	3.2	11:12	9.21	8.2	27.42	26.2	3.06	6	93	0.51	E
B3	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	11:13	9.27	8.19	27.26	26.5	3.09	6	94	0.32	SE

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact 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	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	11:13	9.23	8.19	27.39	26.5	3.11	6	94	0.3	SE
B4	22/9/2018	Sunny	Calm	Mid-Ebb	B	3.4	11:24	8.32	8.21	27.09	26	4.05	6	92	0.45	S
B4	22/9/2018	Sunny	Calm	Mid-Ebb	B	3.4	11:24	8.35	8.21	27.06	26.1	4.07	7	93	0.46	S
B4	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	11:25	8.32	8.24	27.15	26.3	4.07	6	94	0.18	S
B4	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	11:26	8.34	8.24	27.02	26.3	4.07	6	93	0.18	S
C2	22/9/2018	Sunny	Calm	Mid-Ebb	B	6.6	11:39	8.12	8.21	25.91	26	6.05	7	93	0.38	S
C2	22/9/2018	Sunny	Calm	Mid-Ebb	B	6.6	11:40	8.27	8.22	25.83	26.2	6.04	8	92	0.39	S
C2	22/9/2018	Sunny	Calm	Mid-Ebb	M	3.8	11:41	8.26	8.25	25.85	26.2	3	6	92	0.51	S
C2	22/9/2018	Sunny	Calm	Mid-Ebb	M	3.8	11:41	8.41	8.25	25.81	26.4	3.03	7	94	0.49	SW
C2	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	11:42	8.42	8.25	25.91	26.4	3.02	5	93	0.39	SW
C2	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	11:42	8.51	8.26	25.81	26.4	2.03	5	94	0.38	SW
F1	22/9/2018	Sunny	Calm	Mid-Ebb	B	5.2	11:59	8.92	8.2	25.9	28	6	6	93	0.3	SE
F1	22/9/2018	Sunny	Calm	Mid-Ebb	B	5.2	12:00	8.93	8.21	25.85	28.1	6.99	7	94	0.28	SE
F1	22/9/2018	Sunny	Calm	Mid-Ebb	M	3.1	12:00	8.93	8.22	25.82	28.3	4.04	5	94	0.31	SE
F1	22/9/2018	Sunny	Calm	Mid-Ebb	M	3.1	12:01	9.01	8.23	25.83	28.3	4.05	6	92	0.29	SE
F1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	12:01	9.17	8.23	26	28.2	1.05	3	93	0.53	SE
F1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	12:02	9.13	8.24	25.96	28.2	1.04	4	94	0.55	SE
M1	22/9/2018	Sunny	Calm	Mid-Ebb	B	7.3	12:16	8.97	8.17	28.04	27	5.97	6	93	0.28	SE
M1	22/9/2018	Sunny	Calm	Mid-Ebb	B	7.3	12:16	8.99	8.16	28.14	26.9	6.97	6	94	0.29	SE
M1	22/9/2018	Sunny	Calm	Mid-Ebb	M	4.2	12:17	9.08	8.15	28.11	27	2.96	5	93	0.35	SE
M1	22/9/2018	Sunny	Calm	Mid-Ebb	M	4.2	12:18	9.16	8.14	27.97	26.9	2.98	5	93	0.35	E
M1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	12:18	9.27	8.13	28.03	26.9	1.95	4	92	0.52	E
M1	22/9/2018	Sunny	Calm	Mid-Ebb	S	1	12:19	9.41	8.15	28.17	26.9	0.92	5	94	0.53	E
C2	22/9/2018	Sunny	Calm	Mid-Flood	B	7.3	16:02	9.04	8.21	27	27	6.01	11	94	0.43	NE
C2	22/9/2018	Sunny	Calm	Mid-Flood	B	7.3	16:03	9.16	8.23	26.96	27	6.02	12	94	0.42	NE
C2	22/9/2018	Sunny	Calm	Mid-Flood	M	4.2	16:03	9.3	8.23	27.01	27.2	3.04	7	95	0.27	NE
C2	22/9/2018	Sunny	Calm	Mid-Flood	M	4.2	16:04	9.42	8.25	27.06	27.2	3.08	8	92	0.28	NE
C2	22/9/2018	Sunny	Calm	Mid-Flood	S	1	16:05	9.63	8.26	27.1	27.4	2.07	6	95	0.31	N
C2	22/9/2018	Sunny	Calm	Mid-Flood	S	1	16:05	9.72	8.26	27.1	27.5	2.07	6	93	0.29	N
B4	22/9/2018	Sunny	Calm	Mid-Flood	B	3.2	16:18	8.15	8.16	25.94	27	4.02	7	93	0.32	NW
B4	22/9/2018	Sunny	Calm	Mid-Flood	B	3.2	16:18	8.16	8.18	25.93	27.1	4.03	7	93	0.32	NW

Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Impact 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	22/9/2018	Sunny	Calm	Mid-Flood	S	1	16:19	8.21	8.19	25.81	27.2	4.02	6	93	0.47	NW
B4	22/9/2018	Sunny	Calm	Mid-Flood	S	1	16:20	8.38	8.19	25.89	27.4	4.02	6	94	0.47	NW
B3	22/9/2018	Sunny	Calm	Mid-Flood	B	3.8	16:29	8.91	8.24	26.13	26	3.94	9	94	0.5	NW
B3	22/9/2018	Sunny	Calm	Mid-Flood	B	3.8	16:30	8.87	8.24	26.06	26.1	3.96	9	93	0.48	N
B3	22/9/2018	Sunny	Calm	Mid-Flood	S	1	16:31	9.03	8.24	25.89	26.1	3.97	7	92	0.47	NW
B3	22/9/2018	Sunny	Calm	Mid-Flood	S	1	16:31	8.98	8.25	25.93	26.2	3.99	8	93	0.46	NW
CR1	22/9/2018	Sunny	Calm	Mid-Flood	B	14.6	16:42	8.35	8.21	25.82	26	5.01	5	94	0.38	NW
CR1	22/9/2018	Sunny	Calm	Mid-Flood	B	14.6	16:42	8.23	8.2	25.89	26	5.01	5	94	0.42	NW
CR1	22/9/2018	Sunny	Calm	Mid-Flood	M	7.8	16:43	8.26	8.22	25.81	26.1	4.04	4	94	0.36	NW
CR1	22/9/2018	Sunny	Calm	Mid-Flood	M	7.8	16:44	8.22	8.25	25.92	26.2	4.06	4	96	0.37	NW
CR1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	16:44	8.14	8.24	25.77	26.2	1.07	4	95	0.1	NW
CR1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	16:45	8.11	8.23	25.84	26.4	1.06	3	94	0.1	W
S3	22/9/2018	Sunny	Calm	Mid-Flood	B	10.5	16:57	8.88	8.23	28.05	27	5.97	8	93	0.31	NW
S3	22/9/2018	Sunny	Calm	Mid-Flood	B	10.5	16:58	8.99	8.24	28.23	26.8	6.01	9	94	0.35	NW
S3	22/9/2018	Sunny	Calm	Mid-Flood	M	5.8	16:59	8.98	8.26	28.1	26.9	4.01	6	94	0.44	NW
S3	22/9/2018	Sunny	Calm	Mid-Flood	M	5.8	16:59	9.09	8.27	28.02	27.1	3.97	8	95	0.42	NW
S3	22/9/2018	Sunny	Calm	Mid-Flood	S	1	17:00	9.2	8.27	28.1	27.1	1.97	6	93	0.53	NW
S3	22/9/2018	Sunny	Calm	Mid-Flood	S	1	17:01	9.22	8.3	28.3	27.1	1.98	5	94	0.51	NW
CR2	22/9/2018	Sunny	Calm	Mid-Flood	B	10.8	17:13	8.1	8.2	25.65	27	6.01	7	96	0.24	NW
CR2	22/9/2018	Sunny	Calm	Mid-Flood	B	10.8	17:14	8.15	8.21	25.56	26.9	6.03	7	94	0.22	NW
CR2	22/9/2018	Sunny	Calm	Mid-Flood	M	5.9	17:14	8.27	8.21	25.74	26.9	3.03	6	96	0.24	NW
CR2	22/9/2018	Sunny	Calm	Mid-Flood	M	5.9	17:15	8.37	8.23	25.6	27	3.07	6	95	0.21	NW
CR2	22/9/2018	Sunny	Calm	Mid-Flood	S	1	17:16	8.29	8.24	25.71	27	2.05	5	94	0.38	NW
CR2	22/9/2018	Sunny	Calm	Mid-Flood	S	1	17:16	8.34	8.24	25.8	27	2.04	4	96	0.35	NW
H1	22/9/2018	Sunny	Calm	Mid-Flood	B	5.6	17:29	8.3	8.22	26.22	27	5.98	9	95	0.39	SW
H1	22/9/2018	Sunny	Calm	Mid-Flood	B	5.6	17:29	8.27	8.22	26.25	27.1	6	8	92	0.39	SW
H1	22/9/2018	Sunny	Calm	Mid-Flood	M	3.3	17:30	8.34	8.23	26.1	27.3	3	8	93	0.14	SW
H1	22/9/2018	Sunny	Calm	Mid-Flood	M	3.3	17:31	8.28	8.25	26.18	27.3	2.99	9	93	0.11	SW
H1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	17:31	8.29	8.24	26.28	27.6	1.99	7	94	0.51	SW
H1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	17:32	8.21	8.23	26.28	27.6	1.98	7	92	0.53	SW
S2	22/9/2018	Sunny	Calm	Mid-Flood	B	7.6	17:46	9.24	8.2	28.04	27	6.07	11	94	0.19	W

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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	22/9/2018	Sunny	Calm	Mid-Flood	B	7.6	17:46	9.17	8.19	28.08	27	6.08	10	96	0.17	W
S2	22/9/2018	Sunny	Calm	Mid-Flood	M	4.3	17:47	9.32	8.18	28.16	27.1	3.06	10	94	0.52	W
S2	22/9/2018	Sunny	Calm	Mid-Flood	M	4.3	17:47	9.25	8.19	28.39	27.3	3.08	9	92	0.53	W
S2	22/9/2018	Sunny	Calm	Mid-Flood	S	1	17:48	9.33	8.2	28.44	27.4	1.12	8	93	0.21	W
S2	22/9/2018	Sunny	Calm	Mid-Flood	S	1	17:49	9.54	8.22	28.47	27.7	1.17	7	94	0.17	SW
B2	22/9/2018	Sunny	Calm	Mid-Flood	B	3.5	18:02	8.09	8.16	27.8	27	3.05	7	94	0.17	NW
B2	22/9/2018	Sunny	Calm	Mid-Flood	B	3.5	18:03	8.01	8.16	27.98	27	3.09	8	92	0.21	NW
B2	22/9/2018	Sunny	Calm	Mid-Flood	S	1	18:03	8.05	8.18	28.1	27	3.07	5	95	0.49	NW
B2	22/9/2018	Sunny	Calm	Mid-Flood	S	1	18:04	8.24	8.18	28.2	27.2	3.1	6	94	0.52	NW
S1	22/9/2018	Sunny	Calm	Mid-Flood	B	3.8	18:14	8.02	8.19	27.06	28	3.98	11	93	0.57	NW
S1	22/9/2018	Sunny	Calm	Mid-Flood	B	3.8	18:14	8.12	8.2	27.15	28.2	3.99	10	94	0.58	NW
S1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	18:15	8.4	8.19	27.34	28.4	4	7	95	0.55	NW
S1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	18:16	8.55	8.17	27.48	28.4	3.97	8	94	0.55	NW
B1	22/9/2018	Sunny	Calm	Mid-Flood	B	3.7	18:27	8.79	8.18	28.11	26	3.99	6	93	0.59	SW
B1	22/9/2018	Sunny	Calm	Mid-Flood	B	3.7	18:28	8.9	8.18	28.1	26.1	3.99	7	93	0.59	SW
B1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	18:28	8.86	8.18	28.37	26.2	3.96	6	94	0.36	SW
B1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	18:29	9	8.18	28.49	26	3.96	6	93	0.37	W
C1	22/9/2018	Sunny	Calm	Mid-Flood	B	8.9	18:42	8.96	8.21	26.22	27	6.03	7	95	0.28	W
C1	22/9/2018	Sunny	Calm	Mid-Flood	B	8.9	18:42	8.94	8.22	26.22	26.8	6.02	8	92	0.31	W
C1	22/9/2018	Sunny	Calm	Mid-Flood	M	5	18:43	9.16	8.22	26.27	27	4.02	6	92	0.47	W
C1	22/9/2018	Sunny	Calm	Mid-Flood	M	5	18:44	9.23	8.24	26.33	27.1	4.04	7	95	0.45	W
C1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	18:44	9.05	8.23	26.34	27.1	2.03	6	93	0.57	W
C1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	18:45	9.07	8.23	26.6	27.4	2.03	5	94	0.57	W
M1	22/9/2018	Sunny	Calm	Mid-Flood	B	7.7	19:02	8.13	8.17	27.59	28	4.97	8	95	0.22	SW
M1	22/9/2018	Sunny	Calm	Mid-Flood	B	7.7	19:03	8.25	8.19	27.59	27.9	5.97	8	96	0.2	SW
M1	22/9/2018	Sunny	Calm	Mid-Flood	M	4.4	19:04	8.29	8.19	27.65	28	3.98	5	96	0.53	S
M1	22/9/2018	Sunny	Calm	Mid-Flood	M	4.4	19:04	8.28	8.21	27.83	28	4.01	5	96	0.54	SW
M1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	19:05	8.36	8.21	27.83	28	1.06	4	94	0.22	SW
M1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	19:05	8.2	8.23	27.69	27.9	2.03	5	94	0.18	SW
F1	22/9/2018	Sunny	Calm	Mid-Flood	B	5.7	19:19	9.24	8.17	27.09	26.9	7.99	8	94	0.54	NW
F1	22/9/2018	Sunny	Calm	Mid-Flood	B	5.7	19:20	9.32	8.2	27.06	26.9	5.96	9	94	0.53	NW

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Impact 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	22/9/2018	Sunny	Calm	Mid-Flood	M	3.4	19:20	9.19	8.18	27.06	26.8	3.93	8	94	0.16	NW
F1	22/9/2018	Sunny	Calm	Mid-Flood	M	3.4	19:21	9.41	8.17	27.03	26.8	3.96	8	94	0.16	NW
F1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	19:22	9.37	8.19	27.17	26.7	0.92	7	95	0.15	NW
F1	22/9/2018	Sunny	Calm	Mid-Flood	S	1	19:22	9.3	8.2	27.12	26.9	0.96	7	93	0.15	NW
C1	24/9/2018	Cloudy	Calm	Mid-Ebb	B	11	9:15	7.59	8.03	30.69	28.1	3.69	10	-	-	-
C1	24/9/2018	Cloudy	Calm	Mid-Ebb	B	11	9:16	7.62	8.04	30.6	28.2	3.65	9	-	-	-
C1	24/9/2018	Cloudy	Calm	Mid-Ebb	M	6	9:16	7.56	8	30.62	28	4.23	11	-	-	-
C1	24/9/2018	Cloudy	Calm	Mid-Ebb	M	6	9:17	7.55	8.02	30.57	28.1	4.25	8	-	-	-
C1	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	9:18	7.14	8.06	30.57	28.1	3.87	8	-	-	-
C1	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	9:18	7.13	8.03	30.67	28	3.86	7	-	-	-
B1	24/9/2018	Cloudy	Calm	Mid-Ebb	B	4.5	9:35	7.23	8.02	30.65	28	2.5	10	-	-	-
B1	24/9/2018	Cloudy	Calm	Mid-Ebb	B	4.5	9:35	7.23	8.02	30.57	28	2.49	10	-	-	-
B1	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	9:36	7.53	8.05	30.51	28.1	4.33	8	-	-	-
B1	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	9:37	7.5	8.04	30.69	28.1	4.29	7	-	-	-
B2	24/9/2018	Cloudy	Calm	Mid-Ebb	B	4.6	9:49	7.11	8.06	30.61	28.1	5.04	9	-	-	-
B2	24/9/2018	Cloudy	Calm	Mid-Ebb	B	4.6	9:50	7.1	8.1	30.53	28	5.02	10	-	-	-
B2	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	9:51	7.39	8.1	30.56	28.1	3.21	8	-	-	-
B2	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	9:51	7.4	8.05	30.64	28.2	3.21	8	-	-	-
H1	24/9/2018	Cloudy	Calm	Mid-Ebb	B	7.9	10:02	7.58	8.04	30.66	28.1	2.57	14	-	-	-
H1	24/9/2018	Cloudy	Calm	Mid-Ebb	B	7.9	10:02	7.6	8.06	30.63	28.2	2.59	14	-	-	-
H1	24/9/2018	Cloudy	Calm	Mid-Ebb	M	4.5	10:03	7.11	8.01	30.54	28.1	3.75	12	-	-	-
H1	24/9/2018	Cloudy	Calm	Mid-Ebb	M	4.5	10:04	7.14	8.05	30.67	28.1	3.72	8	-	-	-
H1	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:04	7.27	8.06	30.53	28	3.18	12	-	-	-
H1	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:05	7.28	8.07	30.52	28.2	3.21	9	-	-	-
CR2	24/9/2018	Cloudy	Calm	Mid-Ebb	B	8	10:19	7.5	8.06	30.51	28.2	3.29	13	-	-	-
CR2	24/9/2018	Cloudy	Calm	Mid-Ebb	B	8	10:20	7.52	8.02	30.68	28.2	3.28	12	-	-	-
CR2	24/9/2018	Cloudy	Calm	Mid-Ebb	M	4.5	10:21	7.27	8.04	30.6	28.2	4.14	10	-	-	-
CR2	24/9/2018	Cloudy	Calm	Mid-Ebb	M	4.5	10:21	7.28	8.07	30.64	28.2	4.14	10	-	-	-
CR2	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:22	7.57	8.04	30.56	28	4.82	8	-	-	-
CR2	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:23	7.56	8	30.68	28.2	4.8	8	-	-	-
CR1	24/9/2018	Cloudy	Calm	Mid-Ebb	B	8.3	10:36	7.41	8.02	30.57	28.2	2.83	8	-	-	-

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Impact 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	24/9/2018	Cloudy	Calm	Mid-Ebb	B	8.3	10:37	7.44	8.02	30.58	28.1	2.85	8	-	-	-
CR1	24/9/2018	Cloudy	Calm	Mid-Ebb	M	4.7	10:37	7.21	8.02	30.52	28.1	5.75	10	-	-	-
CR1	24/9/2018	Cloudy	Calm	Mid-Ebb	M	4.7	10:38	7.23	8.05	30.54	28	5.76	9	-	-	-
CR1	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:39	7.58	8.04	30.69	28.1	3.27	6	-	-	-
CR1	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:39	7.57	8.05	30.5	28.1	3.27	6	-	-	-
B3	24/9/2018	Cloudy	Calm	Mid-Ebb	B	4.3	10:52	7.28	8.02	30.67	28	2.24	9	-	-	-
B3	24/9/2018	Cloudy	Calm	Mid-Ebb	B	4.3	10:53	7.26	8.09	30.64	28.1	2.27	9	-	-	-
B3	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:53	7.39	8.08	30.64	28.1	3.59	10	-	-	-
B3	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	10:54	7.4	8.07	30.56	28.1	3.61	8	-	-	-
B4	24/9/2018	Cloudy	Calm	Mid-Ebb	B	4	11:03	7.24	8.06	30.68	28.2	3.78	10	-	-	-
B4	24/9/2018	Cloudy	Calm	Mid-Ebb	B	4	11:04	7.22	8.08	30.68	28.1	3.76	11	-	-	-
B4	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:05	7.21	8.05	30.53	28.1	4.73	7	-	-	-
B4	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:05	7.18	8.08	30.55	28.1	4.73	7	-	-	-
C2	24/9/2018	Cloudy	Calm	Mid-Ebb	B	7.4	11:19	7.46	8	30.61	28	2.53	10	-	-	-
C2	24/9/2018	Cloudy	Calm	Mid-Ebb	B	7.4	11:19	7.46	8.01	30.56	28.2	2.53	11	-	-	-
C2	24/9/2018	Cloudy	Calm	Mid-Ebb	M	4.2	11:20	7.15	8.02	30.67	28.1	4.21	9	-	-	-
C2	24/9/2018	Cloudy	Calm	Mid-Ebb	M	4.2	11:21	7.16	8.1	30.6	28.1	4.17	8	-	-	-
C2	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:21	7.27	8.1	30.59	28.1	2.73	10	-	-	-
C2	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:22	7.24	8.05	30.62	28.1	2.72	8	-	-	-
F1	24/9/2018	Cloudy	Calm	Mid-Ebb	B	7.3	11:52	7.25	8.03	30.66	28	3.65	9	-	-	-
F1	24/9/2018	Cloudy	Calm	Mid-Ebb	B	7.3	11:52	7.25	8.07	30.57	28.2	3.66	10	-	-	-
F1	24/9/2018	Cloudy	Calm	Mid-Ebb	M	4.2	11:53	7.4	8.06	30.56	28.1	2.13	9	-	-	-
F1	24/9/2018	Cloudy	Calm	Mid-Ebb	M	4.2	11:53	7.4	8.08	30.61	28.1	2.09	8	-	-	-
F1	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:54	7.5	8.01	30.52	28	4.24	9	-	-	-
F1	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:55	7.49	8.04	30.69	28.1	4.25	8	-	-	-
M1	24/9/2018	Cloudy	Calm	Mid-Ebb	B	7.8	12:10	7.42	8.07	30.64	28.1	5.09	8	-	-	-
M1	24/9/2018	Cloudy	Calm	Mid-Ebb	B	7.8	12:11	7.42	8.05	30.6	28.1	5.12	9	-	-	-
M1	24/9/2018	Cloudy	Calm	Mid-Ebb	M	4.4	12:11	7.4	8.05	30.68	28.1	2.69	10	-	-	-
M1	24/9/2018	Cloudy	Calm	Mid-Ebb	M	4.4	12:12	7.37	8.08	30.63	28.1	2.65	9	-	-	-
M1	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:13	7.11	8.01	30.65	28.1	3.04	7	-	-	-
M1	24/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:13	7.08	8.05	30.55	28.1	3.06	7	-	-	-

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 Impact 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	24/9/2018	Cloudy	Calm	Mid-Flood	B	7.5	16:35	7.51	8.07	30.59	28.2	4.01	8	-	-	-
C2	24/9/2018	Cloudy	Calm	Mid-Flood	B	7.5	16:36	7.54	8.09	30.51	28.1	4	8	-	-	-
C2	24/9/2018	Cloudy	Calm	Mid-Flood	M	4.3	16:36	7.36	8.06	30.65	28	3.4	5	-	-	-
C2	24/9/2018	Cloudy	Calm	Mid-Flood	M	4.3	16:37	7.35	8.01	30.52	28	3.41	6	-	-	-
C2	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	16:38	7.42	8.1	30.51	28.1	3.2	5	-	-	-
C2	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	16:38	7.45	8.03	30.67	28.2	3.17	6	-	-	-
B4	24/9/2018	Cloudy	Calm	Mid-Flood	B	4.2	16:55	7.4	8.01	30.55	28.1	2.99	10	-	-	-
B4	24/9/2018	Cloudy	Calm	Mid-Flood	B	4.2	16:55	7.39	8.02	30.59	28.2	2.96	9	-	-	-
B4	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	16:56	7.21	8.05	30.64	28.2	2.69	8	-	-	-
B4	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	16:57	7.19	8.08	30.61	28.1	2.71	9	-	-	-
B3	24/9/2018	Cloudy	Calm	Mid-Flood	B	4.5	17:09	7.5	8.05	30.69	28	4.67	8	-	-	-
B3	24/9/2018	Cloudy	Calm	Mid-Flood	B	4.5	17:10	7.49	8.09	30.52	28.1	4.67	8	-	-	-
B3	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	17:11	7.32	8.1	30.67	28.2	3.5	8	-	-	-
B3	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	17:11	7.3	8.08	30.56	28.1	3.52	8	-	-	-
CR1	24/9/2018	Cloudy	Calm	Mid-Flood	B	8.8	17:22	7.27	8.06	30.6	28.1	6	8	-	-	-
CR1	24/9/2018	Cloudy	Calm	Mid-Flood	B	8.8	17:22	7.27	8.08	30.56	28.1	6	4	-	-	-
CR1	24/9/2018	Cloudy	Calm	Mid-Flood	M	4.9	17:23	7.36	8.09	30.65	28.2	3.94	7	-	-	-
CR1	24/9/2018	Cloudy	Calm	Mid-Flood	M	4.9	17:24	7.38	8.1	30.53	28	3.95	6	-	-	-
CR1	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	17:24	7.19	8.07	30.58	28.1	4.6	7	-	-	-
CR1	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	17:25	7.19	8.02	30.59	28.1	4.61	8	-	-	-
CR2	24/9/2018	Cloudy	Calm	Mid-Flood	B	8.4	17:39	7.14	8.07	30.65	28.1	2.22	7	-	-	-
CR2	24/9/2018	Cloudy	Calm	Mid-Flood	B	8.4	17:40	7.15	8.04	30.57	28.1	2.22	7	-	-	-
CR2	24/9/2018	Cloudy	Calm	Mid-Flood	M	4.7	17:41	7.29	8.04	30.52	28.2	2.93	9	-	-	-
CR2	24/9/2018	Cloudy	Calm	Mid-Flood	M	4.7	17:41	7.33	8.03	30.61	28.2	2.93	6	-	-	-
CR2	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	17:42	7.38	8.02	30.6	28.1	3.36	9	-	-	-
CR2	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	17:43	7.36	8.1	30.59	28.1	3.33	6	-	-	-
H1	24/9/2018	Cloudy	Calm	Mid-Flood	B	8.2	17:56	7.25	8.03	30.56	28.1	3.58	10	-	-	-
H1	24/9/2018	Cloudy	Calm	Mid-Flood	B	8.2	17:57	7.25	8.01	30.65	28.2	3.61	11	-	-	-
H1	24/9/2018	Cloudy	Calm	Mid-Flood	M	4.6	17:57	7.48	8.02	30.69	28.1	2.67	9	-	-	-
H1	24/9/2018	Cloudy	Calm	Mid-Flood	M	4.6	17:58	7.49	8.1	30.65	28.2	2.68	8	-	-	-
H1	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	17:59	7.18	8.03	30.53	28.1	5.92	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>
H1	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	17:59	7.22	8.02	30.61	28	5.92	5	-	-	-
B2	24/9/2018	Cloudy	Calm	Mid-Flood	B	4.8	18:12	7.32	8.08	30.56	28.2	3.74	8	-	-	-
B2	24/9/2018	Cloudy	Calm	Mid-Flood	B	4.8	18:13	7.3	8.06	30.65	28.1	3.74	8	-	-	-
B2	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	18:13	7.29	8.01	30.65	28	4.16	9	-	-	-
B2	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	18:14	7.29	8.04	30.63	28	4.16	8	-	-	-
B1	24/9/2018	Cloudy	Calm	Mid-Flood	B	4.8	18:23	7.42	8.01	30.61	28.1	4.34	6	-	-	-
B1	24/9/2018	Cloudy	Calm	Mid-Flood	B	4.8	18:24	7.38	8.01	30.61	28.2	4.39	7	-	-	-
B1	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	18:25	7.42	8.05	30.51	28.2	5.58	9	-	-	-
B1	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	18:25	7.45	8.02	30.56	28.1	5.57	8	-	-	-
M1	24/9/2018	Cloudy	Calm	Mid-Flood	B	8	18:39	7.11	8.04	30.62	28.2	4.79	9	-	-	-
M1	24/9/2018	Cloudy	Calm	Mid-Flood	B	8	18:39	7.08	8.09	30.6	28	4.8	6	-	-	-
M1	24/9/2018	Cloudy	Calm	Mid-Flood	M	4.5	18:40	7.29	8.09	30.62	28.2	4.64	8	-	-	-
M1	24/9/2018	Cloudy	Calm	Mid-Flood	M	4.5	18:41	7.29	8.01	30.64	28	4.61	7	-	-	-
M1	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	18:41	7.44	8.09	30.66	28	5.55	8	-	-	-
M1	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	18:42	7.45	8.03	30.59	28.1	5.55	8	-	-	-
F1	24/9/2018	Cloudy	Calm	Mid-Flood	B	7.6	19:12	7.36	8.03	30.69	28	2.6	4	-	-	-
F1	24/9/2018	Cloudy	Calm	Mid-Flood	B	7.6	19:12	7.38	8.05	30.53	28	2.56	4	-	-	-
F1	24/9/2018	Cloudy	Calm	Mid-Flood	M	4.3	19:13	7.53	8.04	30.61	28.2	3.86	8	-	-	-
F1	24/9/2018	Cloudy	Calm	Mid-Flood	M	4.3	19:13	7.52	8.06	30.69	28.1	3.86	4	-	-	-
F1	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	19:14	7.48	8.1	30.68	28	4.3	8	-	-	-
F1	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	19:15	7.51	8.08	30.64	28.1	4.31	4	-	-	-
C1	24/9/2018	Cloudy	Calm	Mid-Flood	B	11.2	19:30	7.29	8.04	30.58	28.1	4.69	8	-	-	-
C1	24/9/2018	Cloudy	Calm	Mid-Flood	B	11.2	19:31	7.3	8.02	30.6	28.1	4.67	8	-	-	-
C1	24/9/2018	Cloudy	Calm	Mid-Flood	M	6.1	19:31	7.13	8.09	30.51	28.1	2.33	7	-	-	-
C1	24/9/2018	Cloudy	Calm	Mid-Flood	M	6.1	19:32	7.14	8.05	30.66	28.1	2.33	8	-	-	-
C1	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	19:33	7.3	8.07	30.65	28.1	5.25	6	-	-	-
C1	24/9/2018	Cloudy	Calm	Mid-Flood	S	1	19:33	7.29	8.02	30.55	28.1	5.25	7	-	-	-
C2	27/9/2018	Cloudy	Calm	Mid-Flood	B	7.6	5:45	7.34	8	30.55	28.2	3.51	8	92	0.16	SE
C2	27/9/2018	Cloudy	Calm	Mid-Flood	B	7.6	5:46	7.34	8.1	30.62	28	3.52	7	94	0.17	SE
C2	27/9/2018	Cloudy	Calm	Mid-Flood	M	4.3	5:46	7.33	8.03	30.54	28	2.35	8	93	0.23	SE
C2	27/9/2018	Cloudy	Calm	Mid-Flood	M	4.3	5:47	7.34	8.07	30.62	28	2.32	8	93	0.19	SE

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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	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	5:48	7.57	8.02	30.61	28	4.11	6	92	0.14	SE
C2	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	5:48	7.55	8.07	30.65	28.1	4.13	7	92	0.11	SE
B4	27/9/2018	Cloudy	Calm	Mid-Flood	B	4.3	6:01	7.23	8.1	30.55	28	4.56	4	93	0.17	SE
B4	27/9/2018	Cloudy	Calm	Mid-Flood	B	4.3	6:01	7.24	8.09	30.54	28	4.57	6	92	0.16	SE
B4	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:02	7.18	8.06	30.55	28	3.92	5	92	0.1	SE
B4	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:03	7.21	8.03	30.54	28	3.9	6	92	0.11	SE
B3	27/9/2018	Cloudy	Calm	Mid-Flood	B	4.3	6:12	7.59	8.05	30.64	28	3.54	4	92	0.37	E
B3	27/9/2018	Cloudy	Calm	Mid-Flood	B	4.3	6:13	7.6	8.07	30.66	28	3.51	4	92	0.35	E
B3	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:14	7.5	8.08	30.64	28.2	5.22	4	93	0.24	E
B3	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:14	7.46	8.09	30.6	28.1	5.2	4	93	0.23	E
CR1	27/9/2018	Cloudy	Calm	Mid-Flood	B	8.9	6:25	7.18	8.03	30.52	28	3.7	6	92	0.3	SE
CR1	27/9/2018	Cloudy	Calm	Mid-Flood	B	8.9	6:25	7.18	8.07	30.58	28	3.72	7	93	0.32	SE
CR1	27/9/2018	Cloudy	Calm	Mid-Flood	M	5	6:26	7.19	8.06	30.68	28	2.36	4	92	0.19	SE
CR1	27/9/2018	Cloudy	Calm	Mid-Flood	M	5	6:27	7.19	8.02	30.64	28.1	2.37	4	93	0.2	S
CR1	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:27	7.6	8.06	30.69	28.1	2.92	5	94	0.23	SW
CR1	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:28	7.58	8.03	30.68	28.1	2.87	4	93	0.2	S
S3	27/9/2018	Cloudy	Calm	Mid-Flood	B	12.2	6:40	7.48	8.03	30.6	28	2.99	5	93	0.28	SW
S3	27/9/2018	Cloudy	Calm	Mid-Flood	B	12.2	6:41	7.51	8.09	30.54	28.1	2.96	6	93	0.31	SW
S3	27/9/2018	Cloudy	Calm	Mid-Flood	M	6.6	6:42	7.53	8.01	30.64	28.1	2.34	5	91	0.37	SW
S3	27/9/2018	Cloudy	Calm	Mid-Flood	M	6.6	6:42	7.54	8.1	30.65	28.2	2.34	5	94	0.36	SW
S3	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:43	7.31	8.09	30.63	28.1	4.24	5	92	0.16	SE
S3	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:44	7.34	8.03	30.56	28.2	4.25	4	94	0.15	SE
CR2	27/9/2018	Cloudy	Calm	Mid-Flood	B	8.5	6:56	7.39	8.06	30.61	28.2	3.99	6	93	0.35	SE
CR2	27/9/2018	Cloudy	Calm	Mid-Flood	B	8.5	6:57	7.4	8.01	30.65	28.1	4.02	6	91	0.32	SE
CR2	27/9/2018	Cloudy	Calm	Mid-Flood	M	4.8	6:57	7.24	8.07	30.51	28.1	4.97	6	91	0.2	SE
CR2	27/9/2018	Cloudy	Calm	Mid-Flood	M	4.8	6:58	7.25	8.07	30.6	28	4.96	6	93	0.2	SE
CR2	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:59	7.21	8.06	30.54	28.1	2.91	4	93	0.12	SE
CR2	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	6:59	7.22	8.02	30.7	28.1	2.94	4	92	0.11	SE
H1	27/9/2018	Cloudy	Calm	Mid-Flood	B	8.4	7:12	7.48	8	30.66	28	3	8	91	0.34	SE
H1	27/9/2018	Cloudy	Calm	Mid-Flood	B	8.4	7:12	7.44	8.03	30.58	28.2	2.99	8	92	0.34	SE
H1	27/9/2018	Cloudy	Calm	Mid-Flood	M	4.7	7:13	7.23	8.03	30.6	28.1	2.69	5	91	0.31	SE

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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	27/9/2018	Cloudy	Calm	Mid-Flood	M	4.7	7:14	7.21	8.06	30.61	28.1	2.65	5	92	0.28	SE
H1	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	7:14	7.3	8.08	30.57	28.1	5.93	6	92	0.3	SE
H1	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	7:15	7.29	8.02	30.53	28.1	5.9	5	92	0.33	SE
S2	27/9/2018	Cloudy	Calm	Mid-Flood	B	8.3	7:29	7.48	8.08	30.7	28.1	5.91	4	92	0.26	SE
S2	27/9/2018	Cloudy	Calm	Mid-Flood	B	8.3	7:29	7.51	8.02	30.62	28	5.9	5	92	0.26	SE
S2	27/9/2018	Cloudy	Calm	Mid-Flood	M	4.7	7:30	7.37	8.08	30.55	28.2	3.25	4	93	0.38	SE
S2	27/9/2018	Cloudy	Calm	Mid-Flood	M	4.7	7:30	7.37	8.02	30.59	28.1	3.26	4	92	0.36	SE
S2	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	7:31	7.19	8.02	30.53	28.2	4.11	4	94	0.33	SE
S2	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	7:32	7.21	8.03	30.57	28.2	4.07	4	93	0.33	SE
B2	27/9/2018	Cloudy	Calm	Mid-Flood	B	4.8	7:45	7.49	8.08	30.7	28.1	5.87	5	93	0.4	SE
B2	27/9/2018	Cloudy	Calm	Mid-Flood	B	4.8	7:46	7.48	8.02	30.68	28.1	5.87	5	93	0.37	SE
B2	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	7:46	7.32	8	30.57	28	5.75	4	93	0.23	S
B2	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	7:47	7.31	8.09	30.62	28.1	5.72	5	91	0.24	SE
S1	27/9/2018	Cloudy	Calm	Mid-Flood	B	4.6	7:57	7.5	8.01	30.63	28.2	3.93	6	92	0.24	E
S1	27/9/2018	Cloudy	Calm	Mid-Flood	B	4.6	7:57	7.53	8.07	30.56	28.1	3.94	6	92	0.26	E
S1	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	7:58	7.57	8.09	30.57	28.1	4.07	5	91	0.35	E
S1	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	7:59	7.56	8.01	30.59	28.2	4.05	5	93	0.36	E
B1	27/9/2018	Cloudy	Calm	Mid-Flood	B	4.7	8:10	7.1	8.07	30.5	28.1	3.06	5	93	0.18	S
B1	27/9/2018	Cloudy	Calm	Mid-Flood	B	4.7	8:11	7.07	8.06	30.53	28	3.04	4	93	0.18	S
B1	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	8:11	7.39	8.07	30.56	28	2.57	5	92	0.24	S
B1	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	8:12	7.41	8.03	30.54	28.2	2.58	5	92	0.28	S
C1	27/9/2018	Cloudy	Calm	Mid-Flood	B	11.1	8:25	7.15	8.07	30.58	28	4.76	8	92	0.14	S
C1	27/9/2018	Cloudy	Calm	Mid-Flood	B	11.1	8:25	7.16	8.03	30.51	28	4.74	8	91	0.14	S
C1	27/9/2018	Cloudy	Calm	Mid-Flood	M	6.1	8:26	7.42	8.06	30.52	28.1	3.68	7	94	0.18	SW
C1	27/9/2018	Cloudy	Calm	Mid-Flood	M	6.1	8:27	7.38	8.1	30.67	28.1	3.68	7	92	0.14	SW
C1	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	8:27	7.33	8.02	30.68	28.2	3.93	7	91	0.31	SW
C1	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	8:28	7.32	8.03	30.61	28.1	3.96	6	93	0.32	SW
M1	27/9/2018	Cloudy	Calm	Mid-Flood	B	8	8:45	7.11	8.02	30.67	28.1	2.77	9	92	0.36	SE
M1	27/9/2018	Cloudy	Calm	Mid-Flood	B	8	8:46	7.08	8.02	30.65	28.2	2.8	8	93	0.34	SE
M1	27/9/2018	Cloudy	Calm	Mid-Flood	M	4.5	8:47	7.36	8.07	30.68	28.1	3.88	6	91	0.16	SE
M1	27/9/2018	Cloudy	Calm	Mid-Flood	M	4.5	8:47	7.4	8.07	30.63	28	3.9	7	90	0.14	SE

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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	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	8:48	7.42	8.07	30.69	28.2	2.66	5	92	0.26	SE
M1	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	8:48	7.42	8.04	30.61	28.1	2.67	6	93	0.25	SE
F1	27/9/2018	Cloudy	Calm	Mid-Flood	B	7.7	9:02	7.23	8.04	30.52	28	2.17	7	92	0.39	SE
F1	27/9/2018	Cloudy	Calm	Mid-Flood	B	7.7	9:03	7.24	8.01	30.63	28	2.18	7	94	0.37	SE
F1	27/9/2018	Cloudy	Calm	Mid-Flood	M	4.4	9:03	7.12	8.03	30.52	28.1	4.62	8	93	0.12	E
F1	27/9/2018	Cloudy	Calm	Mid-Flood	M	4.4	9:04	7.11	8.02	30.63	28.1	4.59	7	93	0.14	E
F1	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	9:05	7.17	8.09	30.52	28.2	5.47	6	93	0.21	E
F1	27/9/2018	Cloudy	Calm	Mid-Flood	S	1	9:05	7.14	8.05	30.57	28	5.46	7	91	0.19	E
C1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	11.1	11:52	7.53	8.09	30.61	28.2	3.9	8	94	0.35	NE
C1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	11.1	11:53	7.51	8.07	30.6	28.1	3.91	7	95	0.37	NE
C1	27/9/2018	Cloudy	Calm	Mid-Ebb	M	6.1	11:53	7.36	8	30.67	28.1	2.22	9	95	0.16	NE
C1	27/9/2018	Cloudy	Calm	Mid-Ebb	M	6.1	11:54	7.39	8.02	30.66	28	2.21	7	95	0.15	NE
C1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:55	7.47	8.02	30.5	28.1	2.77	6	95	0.1	NE
C1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	11:55	7.49	8.01	30.63	28.1	2.77	7	94	0.13	NE
CR2	27/9/2018	Cloudy	Calm	Mid-Ebb	B	7.9	12:10	7.41	8.09	30.6	28.1	3.29	6	94	0.11	NW
CR2	27/9/2018	Cloudy	Calm	Mid-Ebb	B	7.9	12:11	7.4	8.02	30.5	28.2	3.3	6	94	0.09	NW
CR2	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.5	12:11	7.27	8.09	30.55	28.2	2.61	6	94	0.34	NW
CR2	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.5	12:12	7.26	8.03	30.56	28	2.6	5	95	0.3	NW
CR2	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:12	7.16	8.09	30.53	28	5.94	4	95	0.26	NW
CR2	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:13	7.16	8.05	30.67	28.1	5.94	4	94	0.29	NW
CR1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	8.2	12:24	7.29	8.01	30.67	28.1	3.71	6	95	0.12	S
CR1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	8.2	12:25	7.31	8	30.54	28.2	3.69	6	94	0.13	SW
CR1	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.6	12:25	7.16	8.06	30.66	28.1	5.65	6	94	0.22	W
CR1	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.6	12:26	7.15	8.02	30.64	28.2	5.65	4	94	0.23	W
CR1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:26	7.13	8.03	30.63	28.1	4.85	6	95	0.31	W
CR1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:27	7.17	8	30.56	28	4.87	4	95	0.32	W
S3	27/9/2018	Cloudy	Calm	Mid-Ebb	B	8	12:36	7.36	8	30.55	28.1	2.78	6	93	0.24	NW
S3	27/9/2018	Cloudy	Calm	Mid-Ebb	B	8	12:37	7.37	8.04	30.55	28.1	2.77	6	94	0.2	NW
S3	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.5	12:37	7.5	8.06	30.53	28.1	2.29	6	94	0.29	SW
S3	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.5	12:38	7.5	8.01	30.55	28.2	2.32	5	95	0.28	SW
S3	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:39	7.35	8.09	30.62	28.2	3.12	6	94	0.16	SW

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Integrated Waste Management Facilities, Phase 1
Impact 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	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:39	7.35	8.07	30.68	28.2	3.11	5	94	0.18	SW
H1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	7.8	12:52	7.14	8.08	30.69	28.2	4.23	8	95	0.14	W
H1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	7.8	12:52	7.11	8	30.6	28	4.23	7	94	0.14	W
H1	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.4	12:53	7.32	8.08	30.61	28.2	5.92	9	95	0.35	NW
H1	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.4	12:54	7.35	8.02	30.54	28.2	5.91	8	94	0.38	NW
H1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:54	7.2	8.04	30.51	28.2	2.45	6	94	0.12	NW
H1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	12:55	7.18	8.03	30.53	28.1	2.44	7	95	0.13	NW
S2	27/9/2018	Cloudy	Calm	Mid-Ebb	B	8.3	13:05	7.37	8.01	30.52	28.1	4.2	11	93	0.31	SW
S2	27/9/2018	Cloudy	Calm	Mid-Ebb	B	8.3	13:05	7.37	8.02	30.63	28.1	4.22	9	93	0.33	SW
S2	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.7	13:06	7.54	8.05	30.52	28.2	5.25	11	94	0.4	NW
S2	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.7	13:07	7.53	8.06	30.61	28.2	5.25	8	94	0.36	NW
S2	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:07	7.11	8.01	30.62	28.2	2.52	8	94	0.27	NW
S2	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:08	7.12	8.07	30.69	28.2	2.55	8	94	0.27	NW
B1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	4.4	13:22	7.13	8.01	30.59	28.1	2.49	12	94	0.36	NW
B1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	4.4	13:24	7.14	8.04	30.68	28.1	2.5	11	94	0.32	NW
B1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:24	7.18	8.03	30.58	28.1	6.03	8	94	0.23	NW
B1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:25	7.18	8.09	30.55	28.2	6.02	8	95	0.26	NW
S1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	4.7	13:33	7.13	8.07	30.63	28.1	4.83	12	94	0.12	NW
S1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	4.7	13:34	7.11	8.02	30.6	28	4.8	13	93	0.13	NW
S1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:34	7.2	8.04	30.54	28.2	4.28	9	93	0.37	N
S1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:35	7.23	8.06	30.62	28.2	4.29	10	93	0.38	NW
B2	27/9/2018	Cloudy	Calm	Mid-Ebb	B	4.5	13:45	7.36	8.03	30.63	28.1	3.89	9	94	0.11	NW
B2	27/9/2018	Cloudy	Calm	Mid-Ebb	B	4.5	13:45	7.33	8.04	30.54	28.1	3.88	8	94	0.09	NW
B2	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:46	7.26	8.02	30.5	28	3.43	6	95	0.26	NW
B2	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	13:47	7.23	8.03	30.6	28	3.43	7	94	0.24	NW
B3	27/9/2018	Cloudy	Calm	Mid-Ebb	B	4.2	13:59	7.28	8.04	30.63	28.2	2.93	8	95	0.13	NW
B3	27/9/2018	Cloudy	Calm	Mid-Ebb	B	4.2	14:00	7.31	8.09	30.69	28.1	2.95	7	94	0.11	NW
B3	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	14:00	7.32	8.07	30.64	28.1	4.95	6	94	0.36	NW
B3	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	14:01	7.29	8.02	30.53	28	4.93	6	94	0.38	NW
B4	27/9/2018	Cloudy	Calm	Mid-Ebb	B	4.1	14:10	7.31	8.05	30.64	28.1	3.63	7	94	0.39	SW
B4	27/9/2018	Cloudy	Calm	Mid-Ebb	B	4.1	14:11	7.29	8.09	30.62	28.1	3.63	8	95	0.39	SW

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 Integrated Waste Management Facilities, Phase 1
 Impact 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	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	14:12	7.36	8.08	30.61	28.2	5.18	7	94	0.11	SW
B4	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	14:12	7.38	8.1	30.65	28.1	5.14	7	95	0.1	W
C2	27/9/2018	Cloudy	Calm	Mid-Ebb	B	7.2	14:23	7.43	8.08	30.7	28	5	10	94	0.28	W
C2	27/9/2018	Cloudy	Calm	Mid-Ebb	B	7.2	14:24	7.44	8.08	30.66	28.2	5.01	10	94	0.26	W
C2	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.1	14:24	7.52	8.09	30.56	28.2	2.17	9	94	0.34	W
C2	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.1	14:25	7.52	8.1	30.51	28	2.15	6	94	0.32	W
C2	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	14:26	7.34	8.07	30.63	28	5.91	10	94	0.24	W
C2	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	14:27	7.33	8.03	30.67	28	5.9	5	94	0.24	W
M1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	7.6	14:40	7.27	8.02	30.55	28.1	5.03	7	93	0.15	NW
M1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	7.6	14:41	7.27	8.01	30.62	28	5.03	6	94	0.12	NW
M1	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.3	14:41	7.54	8.09	30.5	28.1	4.84	8	94	0.29	NW
M1	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.3	14:42	7.56	8.04	30.56	28	4.83	6	94	0.27	NW
M1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	14:43	7.58	8.03	30.65	28	3.43	6	93	0.19	NW
M1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	14:44	7.58	8.03	30.66	28	3.43	6	94	0.2	NW
F1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	7.3	15:01	7.11	8.01	30.64	28.1	2.67	10	95	0.18	SW
F1	27/9/2018	Cloudy	Calm	Mid-Ebb	B	7.3	15:02	7.09	8.1	30.54	28.2	2.7	10	94	0.22	SW
F1	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.2	15:04	7.29	8.04	30.69	28.1	5.64	7	95	0.19	SW
F1	27/9/2018	Cloudy	Calm	Mid-Ebb	M	4.2	15:04	7.28	8.08	30.63	28.1	5.62	8	95	0.2	SW
F1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	15:05	7.15	8.04	30.54	28.2	6.03	6	94	0.25	S
F1	27/9/2018	Cloudy	Calm	Mid-Ebb	S	1	15:06	7.16	8.07	30.52	28.2	6.04	7	94	0.29	S
C2	29/9/2018	Fine	Moderate	Mid-Flood	B	7.6	7:16	7.46	8	30.66	28.1	5.82	10	105	0.16	SW
C2	29/9/2018	Fine	Moderate	Mid-Flood	B	7.6	7:17	7.43	8.02	30.61	28	5.84	11	105	0.17	SW
C2	29/9/2018	Fine	Moderate	Mid-Flood	M	4.3	7:17	7.39	8.08	30.54	28.2	3.22	8	104	0.24	W
C2	29/9/2018	Fine	Moderate	Mid-Flood	M	4.3	7:18	7.42	8	30.64	28.2	3.22	8	107	0.22	SW
C2	29/9/2018	Fine	Moderate	Mid-Flood	S	1	7:19	7.48	8	30.59	28	5.06	8	107	0.11	NW
C2	29/9/2018	Fine	Moderate	Mid-Flood	S	1	7:19	7.46	8.09	30.5	28.1	5.04	8	106	0.13	NW
M1	29/9/2018	Fine	Moderate	Mid-Flood	B	8.2	7:35	7.55	8.04	30.67	28.1	2.46	7	107	0.19	NW
M1	29/9/2018	Fine	Moderate	Mid-Flood	B	8.2	7:36	7.55	8.06	30.68	28.1	2.44	8	108	0.18	NW
M1	29/9/2018	Fine	Moderate	Mid-Flood	M	4.6	7:37	7.57	8.08	30.64	28	5.61	6	105	0.39	NW
M1	29/9/2018	Fine	Moderate	Mid-Flood	M	4.6	7:37	7.59	8.03	30.64	28.1	5.63	6	107	0.35	NW
M1	29/9/2018	Fine	Moderate	Mid-Flood	S	1	7:38	7.52	8.01	30.58	28	3.45	5	106	0.23	NW

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Impact 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	29/9/2018	Fine	Moderate	Mid-Flood	S	1	7:38	7.5	8.06	30.68	28.1	3.47	6	104	0.19	N
F1	29/9/2018	Fine	Moderate	Mid-Flood	B	8	7:55	7.26	8.08	30.69	28.1	2.27	10	108	0.13	NW
F1	29/9/2018	Fine	Moderate	Mid-Flood	B	8	7:56	7.27	8.09	30.67	28.1	2.3	9	107	0.13	NW
F1	29/9/2018	Fine	Moderate	Mid-Flood	M	4.5	7:56	7.12	8.02	30.59	28	5.13	9	106	0.23	NW
F1	29/9/2018	Fine	Moderate	Mid-Flood	M	4.5	7:57	7.09	8.06	30.62	28.1	5.16	9	105	0.19	NW
F1	29/9/2018	Fine	Moderate	Mid-Flood	S	1	7:58	7.36	8.02	30.55	28	2.5	8	106	0.11	W
F1	29/9/2018	Fine	Moderate	Mid-Flood	S	1	7:58	7.32	8.07	30.53	28.1	2.49	8	107	0.08	W
B4	29/9/2018	Fine	Moderate	Mid-Flood	B	4.7	8:10	7.57	8.09	30.7	28	5.94	9	105	0.15	W
B4	29/9/2018	Fine	Moderate	Mid-Flood	B	4.7	8:11	7.54	8.08	30.62	28.1	5.94	10	108	0.18	W
B4	29/9/2018	Fine	Moderate	Mid-Flood	S	1	8:12	7.41	8.05	30.6	28	4.8	8	105	0.25	W
B4	29/9/2018	Fine	Moderate	Mid-Flood	S	1	8:13	7.4	8	30.68	28.1	4.83	6	105	0.26	W
B3	29/9/2018	Fine	Moderate	Mid-Flood	B	4.6	8:21	7.12	8.04	30.7	28.1	5.55	7	105	0.21	NE
B3	29/9/2018	Fine	Moderate	Mid-Flood	B	4.6	8:22	7.12	8.03	30.56	28.2	5.53	8	105	0.19	N
B3	29/9/2018	Fine	Moderate	Mid-Flood	S	1	8:22	7.36	8.05	30.64	28.2	5.83	5	106	0.23	NE
B3	29/9/2018	Fine	Moderate	Mid-Flood	S	1	8:23	7.36	8.08	30.62	28.1	5.79	6	106	0.23	NE
H1	29/9/2018	Fine	Moderate	Mid-Flood	B	9	8:34	7.45	8.02	30.59	28.2	4.17	14	106	0.22	NE
H1	29/9/2018	Fine	Moderate	Mid-Flood	B	9	8:35	7.45	8.06	30.6	28.1	4.17	14	106	0.22	NE
H1	29/9/2018	Fine	Moderate	Mid-Flood	M	5	8:36	7.3	8.1	30.7	28	3.29	10	105	0.21	S
H1	29/9/2018	Fine	Moderate	Mid-Flood	M	5	8:37	7.29	8.04	30.52	28	3.28	11	105	0.2	SW
H1	29/9/2018	Fine	Moderate	Mid-Flood	S	1	8:37	7.22	8.01	30.59	28.1	2.57	10	106	0.2	S
H1	29/9/2018	Fine	Moderate	Mid-Flood	S	1	8:38	7.21	8.01	30.65	28.1	2.56	10	110	0.15	S
CR1	29/9/2018	Fine	Moderate	Mid-Flood	B	8.4	8:52	7.34	8.02	30.67	28.1	3.31	7	106	0.35	SW
CR1	29/9/2018	Fine	Moderate	Mid-Flood	B	8.4	8:52	7.35	8.03	30.51	28.1	3.31	6	109	0.33	SW
CR1	29/9/2018	Fine	Moderate	Mid-Flood	M	4.7	8:53	7.32	8.06	30.63	28.1	3.43	6	106	0.15	NW
CR1	29/9/2018	Fine	Moderate	Mid-Flood	M	4.7	8:53	7.29	8.01	30.64	28.1	3.44	6	107	0.17	NW
CR1	29/9/2018	Fine	Moderate	Mid-Flood	S	1	8:54	7.57	8.07	30.63	28.1	4.3	6	105	0.15	NW
CR1	29/9/2018	Fine	Moderate	Mid-Flood	S	1	8:55	7.56	8.1	30.53	28.2	4.31	6	108	0.15	NW
CR2	29/9/2018	Fine	Moderate	Mid-Flood	B	8.6	9:05	7.3	8.06	30.52	28	2.22	6	104	0.15	NW
CR2	29/9/2018	Fine	Moderate	Mid-Flood	B	8.6	9:06	7.34	8.07	30.62	28	2.26	7	106	0.14	NW
CR2	29/9/2018	Fine	Moderate	Mid-Flood	M	4.8	9:07	7.24	8.09	30.53	28.1	3.39	6	105	0.23	N
CR2	29/9/2018	Fine	Moderate	Mid-Flood	M	4.8	9:07	7.23	8.02	30.6	28	3.42	6	104	0.21	N

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Impact 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	29/9/2018	Fine	Moderate	Mid-Flood	S	1	9:08	7.22	8.02	30.6	28.1	2.68	4	104	0.33	NW
CR2	29/9/2018	Fine	Moderate	Mid-Flood	S	1	9:08	7.22	8.05	30.59	28.1	2.69	4	106	0.36	N
S3	29/9/2018	Fine	Moderate	Mid-Flood	B	12.6	9:19	7.55	8.06	30.65	28.1	4.67	9	106	0.34	NW
S3	29/9/2018	Fine	Moderate	Mid-Flood	B	12.6	9:19	7.53	8.04	30.58	28	4.68	9	108	0.35	NW
S3	29/9/2018	Fine	Moderate	Mid-Flood	M	6.8	9:20	7.19	8.03	30.59	28	5.66	8	105	0.1	NW
S3	29/9/2018	Fine	Moderate	Mid-Flood	M	6.8	9:20	7.18	8.05	30.52	28	5.65	9	106	0.1	W
S3	29/9/2018	Fine	Moderate	Mid-Flood	S	1	9:21	7.26	8.03	30.67	28.1	4.05	8	105	0.33	NW
S3	29/9/2018	Fine	Moderate	Mid-Flood	S	1	9:22	7.27	8.07	30.67	28	4.05	8	107	0.34	NW
S2	29/9/2018	Fine	Moderate	Mid-Flood	B	8.7	9:40	7.32	8.09	30.58	28.1	2.27	10	109	0.17	NW
S2	29/9/2018	Fine	Moderate	Mid-Flood	B	8.7	9:41	7.34	8	30.54	28.1	2.28	11	105	0.18	NW
S2	29/9/2018	Fine	Moderate	Mid-Flood	M	4.9	9:41	7.4	8.03	30.6	28.1	5.67	9	110	0.2	SW
S2	29/9/2018	Fine	Moderate	Mid-Flood	M	4.9	9:42	7.4	8.07	30.51	28.1	5.65	10	107	0.24	SW
S2	29/9/2018	Fine	Moderate	Mid-Flood	S	1	9:43	7.5	8.04	30.52	28	5.94	9	106	0.27	S
S2	29/9/2018	Fine	Moderate	Mid-Flood	S	1	9:43	7.51	8.07	30.6	28.1	5.93	8	106	0.28	SW
B2	29/9/2018	Fine	Moderate	Mid-Flood	B	4.9	9:57	7.28	8.05	30.66	28	4.45	7	105	0.18	SW
B2	29/9/2018	Fine	Moderate	Mid-Flood	B	4.9	9:58	7.28	8.08	30.67	28	4.46	7	105	0.16	SW
B2	29/9/2018	Fine	Moderate	Mid-Flood	S	1	9:59	7.18	8.05	30.65	28.2	3.84	5	105	0.38	NW
B2	29/9/2018	Fine	Moderate	Mid-Flood	S	1	9:59	7.15	8.02	30.57	28.2	3.81	5	109	0.39	NW
S1	29/9/2018	Fine	Moderate	Mid-Flood	B	4.6	10:08	7.33	8.05	30.53	28.1	3.11	5	105	0.11	N
S1	29/9/2018	Fine	Moderate	Mid-Flood	B	4.6	10:09	7.29	8.08	30.5	28.2	3.09	6	107	0.1	N
S1	29/9/2018	Fine	Moderate	Mid-Flood	S	1	10:10	7.59	8.08	30.6	28.1	3.13	4	105	0.38	W
S1	29/9/2018	Fine	Moderate	Mid-Flood	S	1	10:10	7.59	8.04	30.69	28.1	3.11	5	106	0.37	SW
B1	29/9/2018	Fine	Moderate	Mid-Flood	B	4.8	10:18	7.16	8.06	30.67	28.1	4.07	4	106	0.37	W
B1	29/9/2018	Fine	Moderate	Mid-Flood	B	4.8	10:19	7.19	8.09	30.59	28.1	4.08	4	105	0.38	W
B1	29/9/2018	Fine	Moderate	Mid-Flood	S	1	10:19	7.58	8.09	30.52	28	2.2	3	105	0.13	W
B1	29/9/2018	Fine	Moderate	Mid-Flood	S	1	10:20	7.59	8.04	30.56	28	2.22	3	104	0.11	W
C1	29/9/2018	Fine	Moderate	Mid-Flood	B	11.5	10:35	7.49	8.04	30.53	28.1	5.27	11	105	0.26	NW
C1	29/9/2018	Fine	Moderate	Mid-Flood	B	11.5	10:36	7.52	8	30.53	28.1	5.26	11	106	0.26	NW
C1	29/9/2018	Fine	Moderate	Mid-Flood	M	6.3	10:37	7.46	8.1	30.56	28.2	5.43	10	105	0.15	NW
C1	29/9/2018	Fine	Moderate	Mid-Flood	M	6.3	10:37	7.44	8.02	30.66	28.2	5.44	10	105	0.17	NW
C1	29/9/2018	Fine	Moderate	Mid-Flood	S	1	10:38	7.3	8.09	30.65	28.1	3.14	9	109	0.2	NW

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Integrated Waste Management Facilities, Phase 1
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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	29/9/2018	Fine	Moderate	Mid-Flood	S	1	10:39	7.28	8.06	30.54	28	3.15	10	109	0.16	NW
C1	29/9/2018	Fine	Moderate	Mid-Ebb	B	10.8	13:08	7.57	8.08	30.53	28	4.6	7	105	0.36	E
C1	29/9/2018	Fine	Moderate	Mid-Ebb	B	10.8	13:08	7.56	8.01	30.66	28.1	4.6	7	105	0.4	SE
C1	29/9/2018	Fine	Moderate	Mid-Ebb	M	5.9	13:09	7.48	8.09	30.67	28.1	2.19	6	106	0.33	SE
C1	29/9/2018	Fine	Moderate	Mid-Ebb	M	5.9	13:10	7.48	8.04	30.59	28.1	2.22	7	106	0.34	SE
C1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	13:10	7.49	8.06	30.57	28.1	4.7	6	105	0.2	SE
C1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	13:11	7.5	8.07	30.55	28.2	4.72	6	104	0.19	S
B1	29/9/2018	Fine	Moderate	Mid-Ebb	B	4.3	13:24	7.1	8	30.51	28.2	3.14	12	105	0.14	SE
B1	29/9/2018	Fine	Moderate	Mid-Ebb	B	4.3	13:25	7.09	8.07	30.7	28.1	3.12	11	105	0.15	SE
B1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	13:26	7.41	8.02	30.68	28.1	4.77	8	105	0.16	SE
B1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	13:26	7.42	8.09	30.55	28	4.79	7	105	0.16	SE
S1	29/9/2018	Fine	Moderate	Mid-Ebb	B	4.7	13:35	7.4	8.03	30.64	28.1	5.04	9	107	0.3	E
S1	29/9/2018	Fine	Moderate	Mid-Ebb	B	4.7	13:36	7.42	8.09	30.57	28.1	5.04	10	107	0.29	S
S1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	13:36	7.32	8.04	30.58	28.1	5.69	8	107	0.17	E
S1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	13:37	7.3	8.05	30.65	28.1	5.68	8	108	0.17	S
B2	29/9/2018	Fine	Moderate	Mid-Ebb	B	4.3	13:48	7.13	8.02	30.57	28.1	2.35	10	107	0.1	S
B2	29/9/2018	Fine	Moderate	Mid-Ebb	B	4.3	13:49	7.12	8.06	30.58	28.1	2.36	9	105	0.1	S
B2	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	13:50	7.35	8.06	30.58	28.1	5.57	7	107	0.29	SE
B2	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	13:50	7.32	8.06	30.62	28	5.57	6	105	0.28	SE
S2	29/9/2018	Fine	Moderate	Mid-Ebb	B	8	14:03	7.37	8.05	30.65	28.2	3.05	10	108	0.14	SE
S2	29/9/2018	Fine	Moderate	Mid-Ebb	B	8	14:03	7.38	8.06	30.62	28	3.06	11	107	0.16	SE
S2	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.5	14:04	7.13	8.04	30.66	28	3.01	9	107	0.26	SE
S2	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.5	14:05	7.13	8.09	30.56	28.1	3.02	9	108	0.29	SW
S2	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	14:05	7.49	8.01	30.58	28.1	5.11	7	107	0.32	SE
S2	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	14:06	7.49	8.04	30.54	28.1	5.12	8	107	0.29	SW
B3	29/9/2018	Fine	Moderate	Mid-Ebb	B	4.1	14:15	7.13	8.03	30.54	28	5.22	8	107	0.15	S
B3	29/9/2018	Fine	Moderate	Mid-Ebb	B	4.1	14:15	7.12	8.02	30.52	28.1	5.23	9	104	0.14	SW
B3	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	14:16	7.37	8.01	30.6	28.1	2.91	8	107	0.27	S
B3	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	14:16	7.32	8.08	30.53	28.1	2.93	7	105	0.27	S
B4	29/9/2018	Fine	Moderate	Mid-Ebb	B	4	14:24	7.32	8.07	30.65	28.2	4.33	6	105	0.22	S
B4	29/9/2018	Fine	Moderate	Mid-Ebb	B	4	14:24	7.36	8.06	30.61	28	4.37	7	103	0.19	S

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Integrated Waste Management Facilities, Phase 1
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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	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	14:25	7.26	8.07	30.68	28	4.12	5	106	0.24	S
B4	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	14:25	7.25	8	30.69	28	4.14	6	106	0.23	S
H1	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.5	14:38	7.2	8.04	30.61	28.2	4.92	10	104	0.32	SE
H1	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.5	14:38	7.18	8.04	30.65	28.2	4.91	10	105	0.29	SE
H1	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.3	14:39	7.39	8.02	30.65	28	6.03	9	105	0.19	S
H1	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.3	14:39	7.41	8.03	30.58	28.1	6.06	10	106	0.21	S
H1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	14:40	7.52	8	30.52	28	4.64	8	106	0.2	SE
H1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	14:40	7.54	8.06	30.62	28.2	4.63	8	104	0.23	SE
CR1	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.9	14:50	7.33	8.06	30.52	28.1	4.62	9	107	0.37	SE
CR1	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.9	14:50	7.34	8.1	30.51	28.1	4.63	9	109	0.4	SE
CR1	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.5	14:51	7.29	8.08	30.6	28.2	5.73	7	110	0.2	SE
CR1	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.5	14:51	7.3	8.04	30.67	28.1	5.74	8	108	0.2	SE
CR1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	14:52	7.23	8.1	30.61	28.1	3.37	8	108	0.4	SE
CR1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	14:52	7.23	8.03	30.68	28	3.34	7	106	0.37	SE
S3	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.7	15:05	7.51	8.06	30.53	28.2	4.83	8	109	0.27	SE
S3	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.7	15:06	7.5	8.06	30.58	28.2	4.84	9	106	0.25	SW
S3	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.4	15:06	7.32	8.1	30.5	28.1	2.2	7	108	0.17	SE
S3	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.4	15:07	7.32	8	30.68	28.2	2.18	7	107	0.14	SW
S3	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	15:07	7.14	8.06	30.68	28.1	4.03	7	111	0.33	SW
S3	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	15:07	7.13	8.07	30.56	28.2	4	7	106	0.33	SW
CR2	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.9	15:16	7.29	8.06	30.58	28	5.91	9	108	0.19	SW
CR2	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.9	15:16	7.25	8.09	30.67	28.1	5.88	8	108	0.19	SW
CR2	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.5	15:17	7.49	8.09	30.64	28.2	3.95	8	109	0.37	SE
CR2	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.5	15:17	7.45	8.07	30.65	28.1	3.9	8	105	0.41	SE
CR2	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	15:18	7.22	8.08	30.69	28.1	3.31	6	109	0.27	SE
CR2	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	15:18	7.19	8.05	30.57	28	3.3	6	108	0.29	SE
C2	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.3	15:48	7.34	8.09	30.52	28.2	5.95	9	109	0.3	SE
C2	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.3	15:49	7.33	8.03	30.63	28.1	5.94	8	109	0.3	SE
C2	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.2	15:50	7.53	8.06	30.62	28.1	4.46	7	106	0.37	SE
C2	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.2	15:50	7.53	8.09	30.6	28.1	4.43	7	107	0.38	E
C2	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	15:51	7.13	8.1	30.66	28.1	2.83	6	107	0.3	E

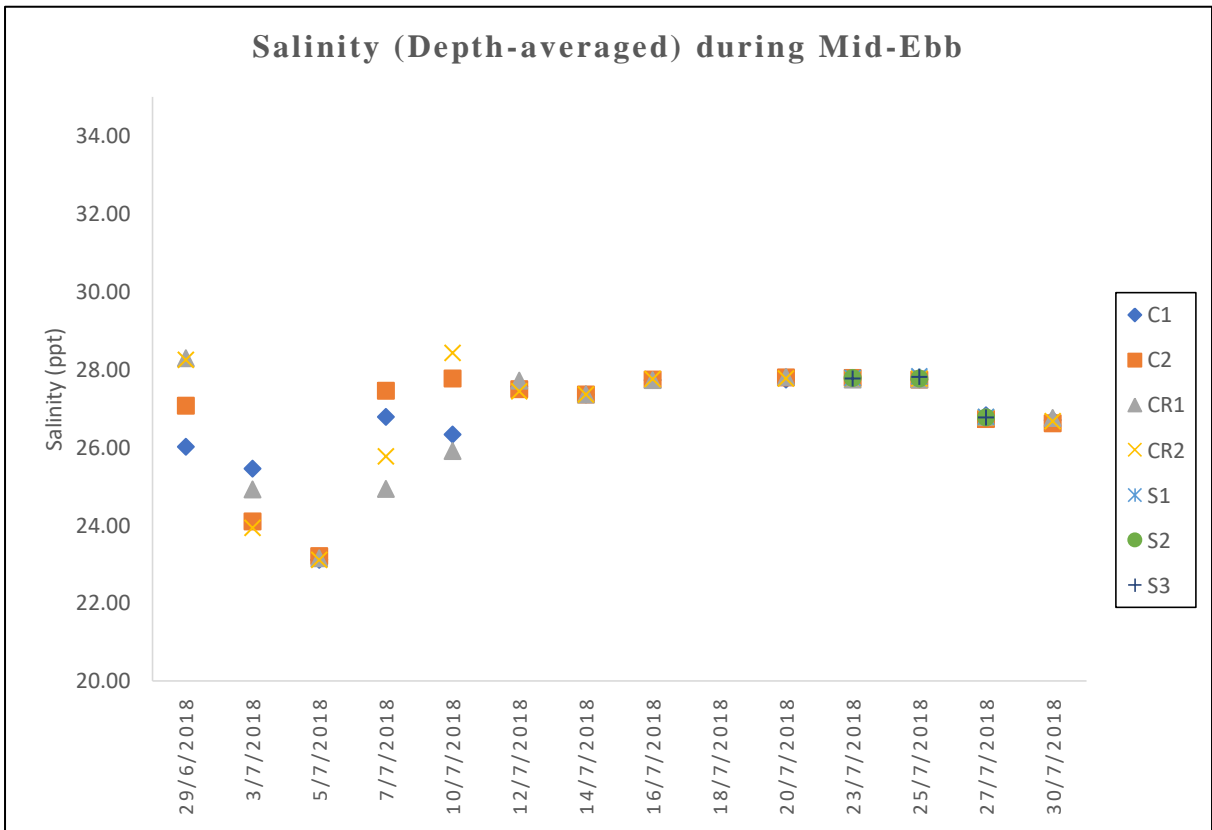
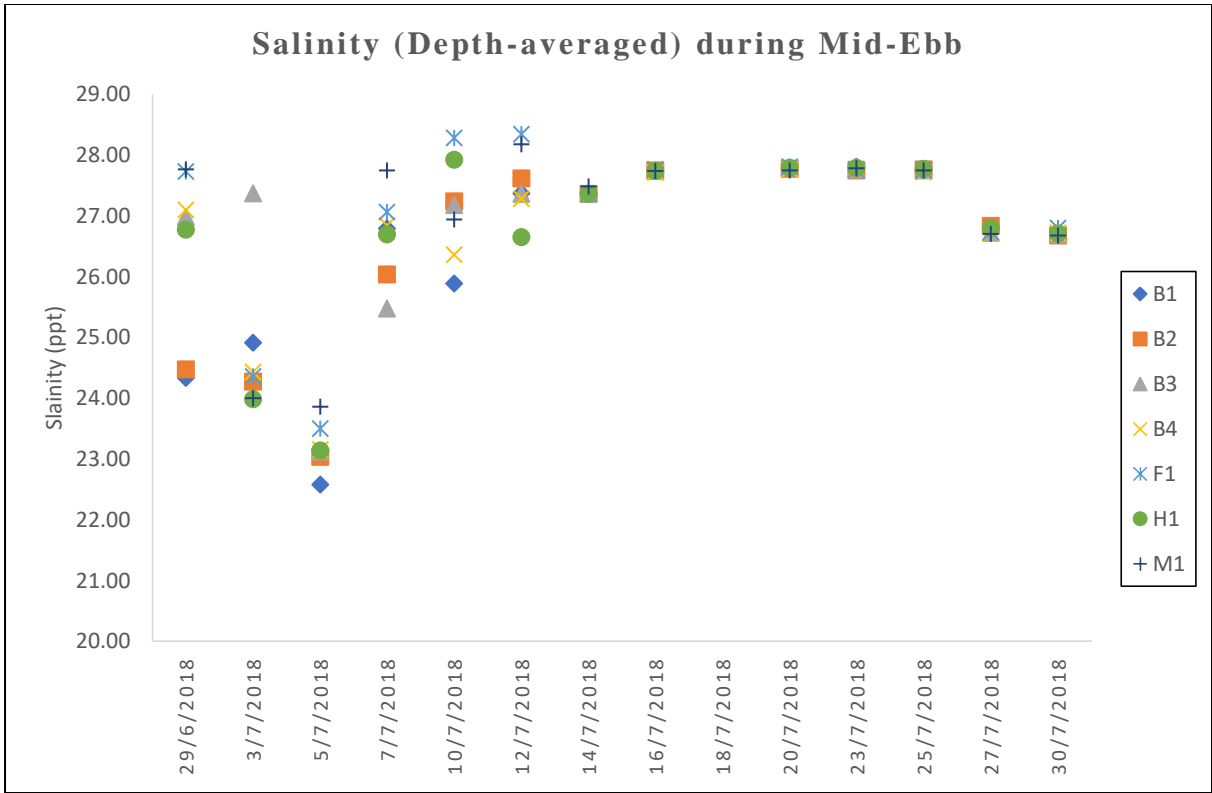
Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Impact Water Quality Monitoring Data

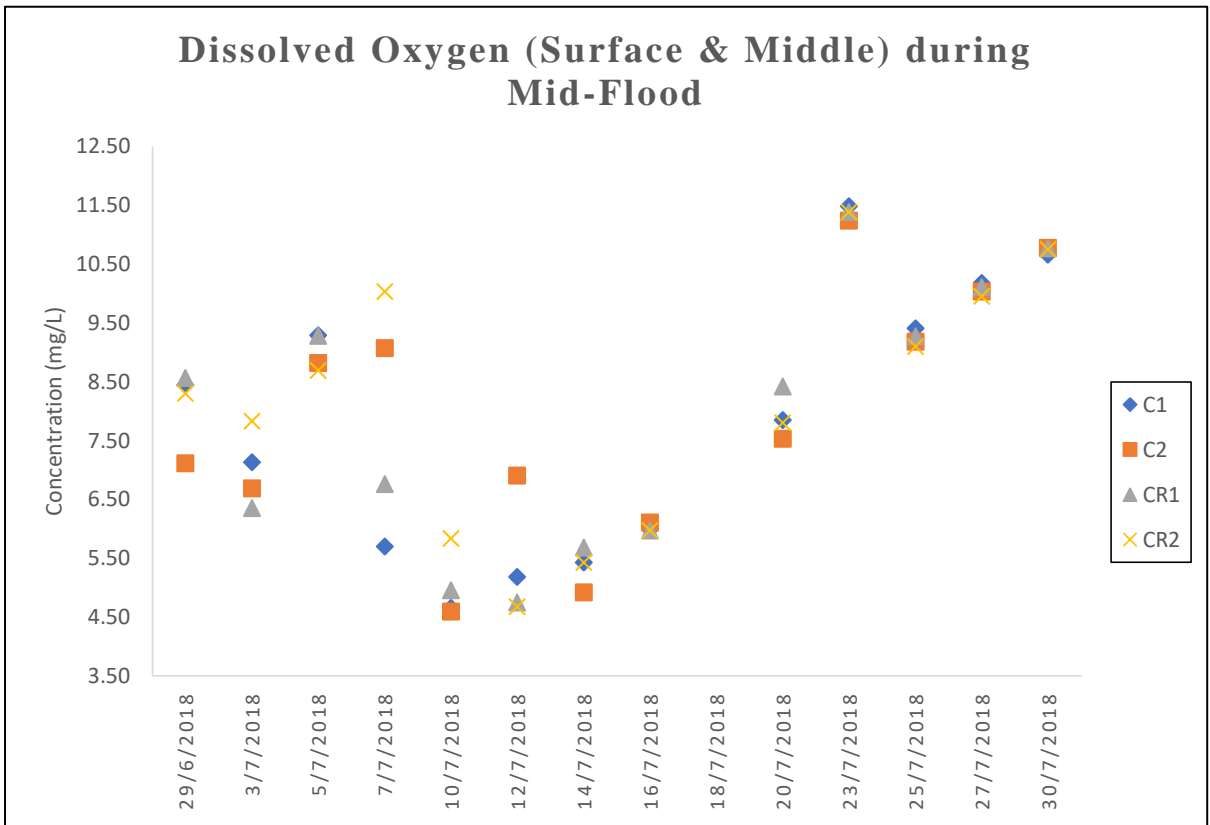
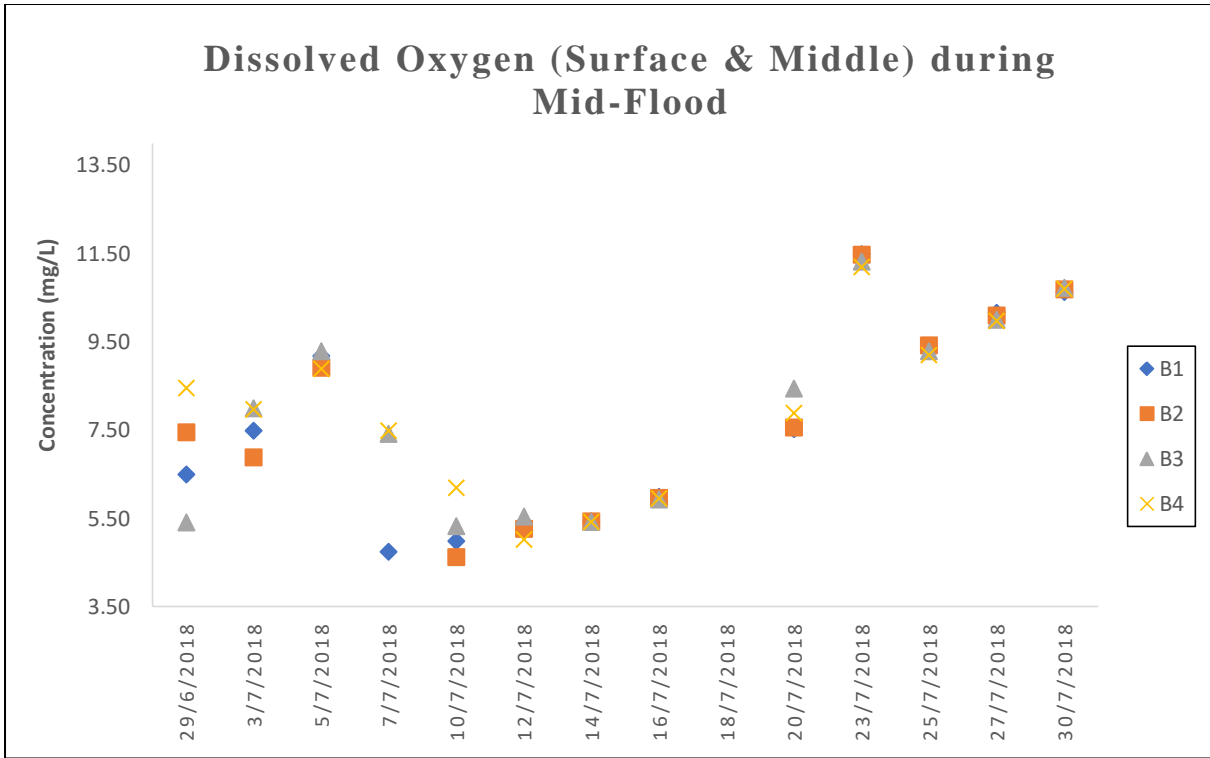
Location	Date	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Total Alkalinity (mg/L) note 2	Current Velocity note 2	Direction in NESW note 2
C2	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	15:51	7.13	8.03	30.51	28.1	2.86	5	106	0.34	E
F1	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.2	16:08	7.16	8.1	30.67	28.1	4.56	8	107	0.22	SE
F1	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.2	16:09	7.16	8.09	30.63	28	4.56	7	108	0.22	SE
F1	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.1	16:09	7.57	8.03	30.68	28.1	2.72	7	106	0.12	SE
F1	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.1	16:10	7.54	8.04	30.53	28.2	2.73	6	106	0.11	SE
F1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	16:10	7.59	8.06	30.63	28.1	5.76	6	107	0.28	SE
F1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	16:11	7.61	8.1	30.64	28.1	5.77	6	108	0.28	SE
M1	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.7	16:25	7.56	8	30.68	28	4.41	9	109	0.35	SE
M1	29/9/2018	Fine	Moderate	Mid-Ebb	B	7.7	16:25	7.52	8.03	30.53	28.2	4.41	10	107	0.38	SE
M1	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.4	16:26	7.19	8.07	30.54	28.1	3.03	8	106	0.27	SE
M1	29/9/2018	Fine	Moderate	Mid-Ebb	M	4.4	16:27	7.19	8.04	30.62	28	3.04	8	108	0.25	SE
M1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	16:27	7.59	8.06	30.58	28	4.49	8	107	0.24	SE
M1	29/9/2018	Fine	Moderate	Mid-Ebb	S	1	16:28	7.59	8	30.67	28.2	4.47	8	106	0.23	SE

Remarks:

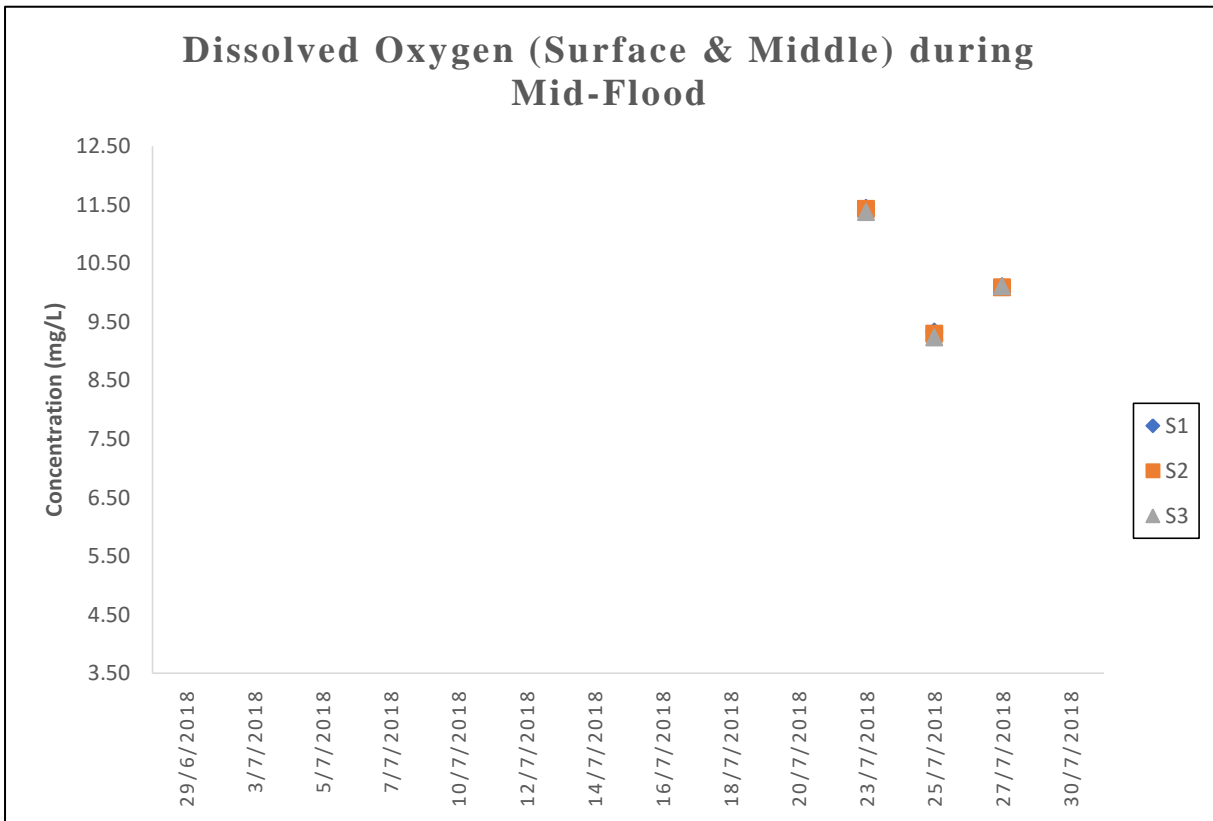
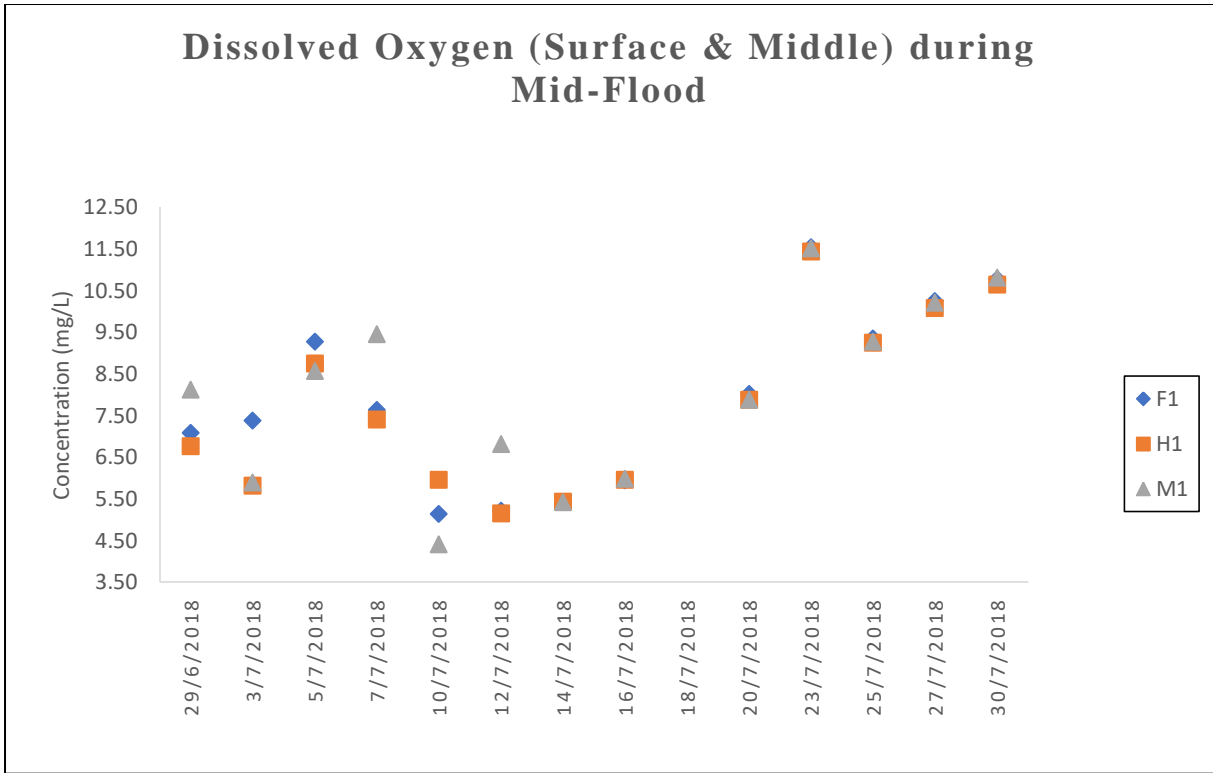
note 1: S – Surface M – Middle B – Bottom

note 2: Measurements of current velocity, total alkalinity tests and detections of current direction were only conducted during DCM work period on 20/09/2018, 22/09/2018, 27/09/2018 and 29/09/2018.

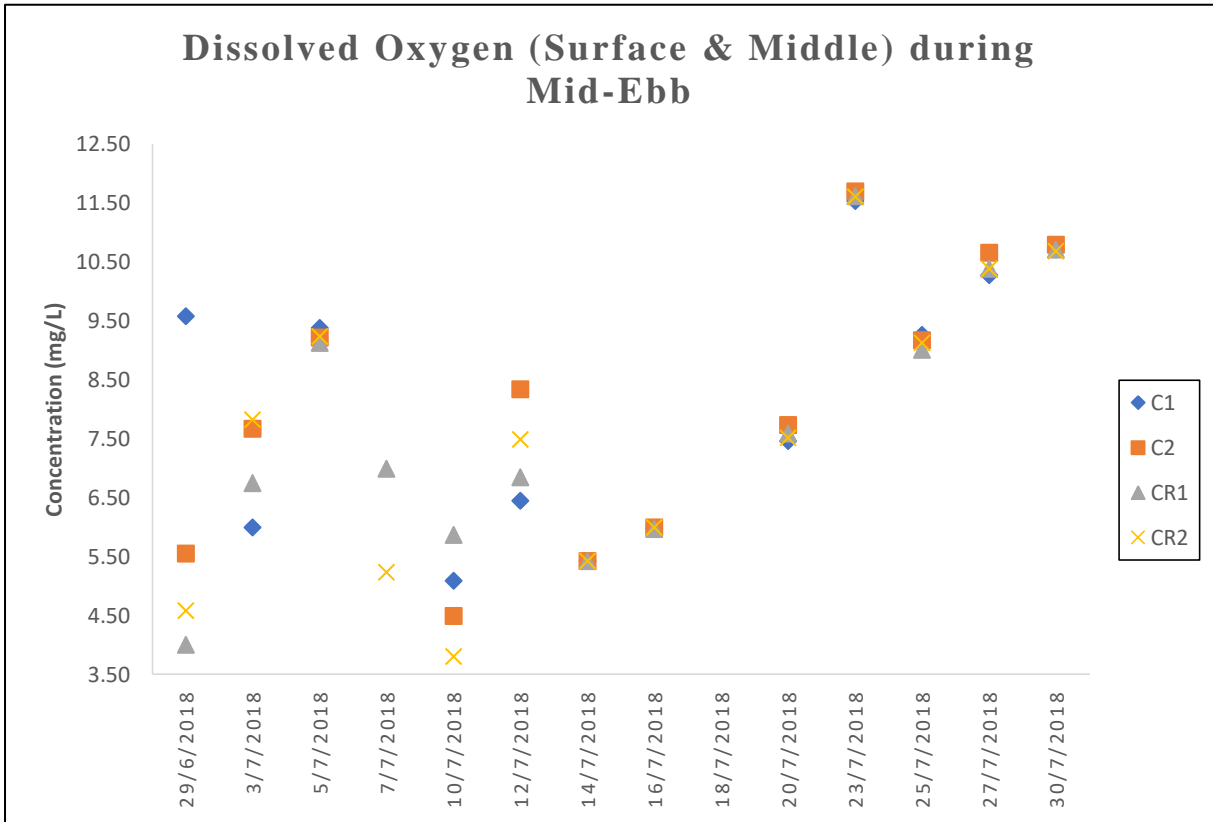
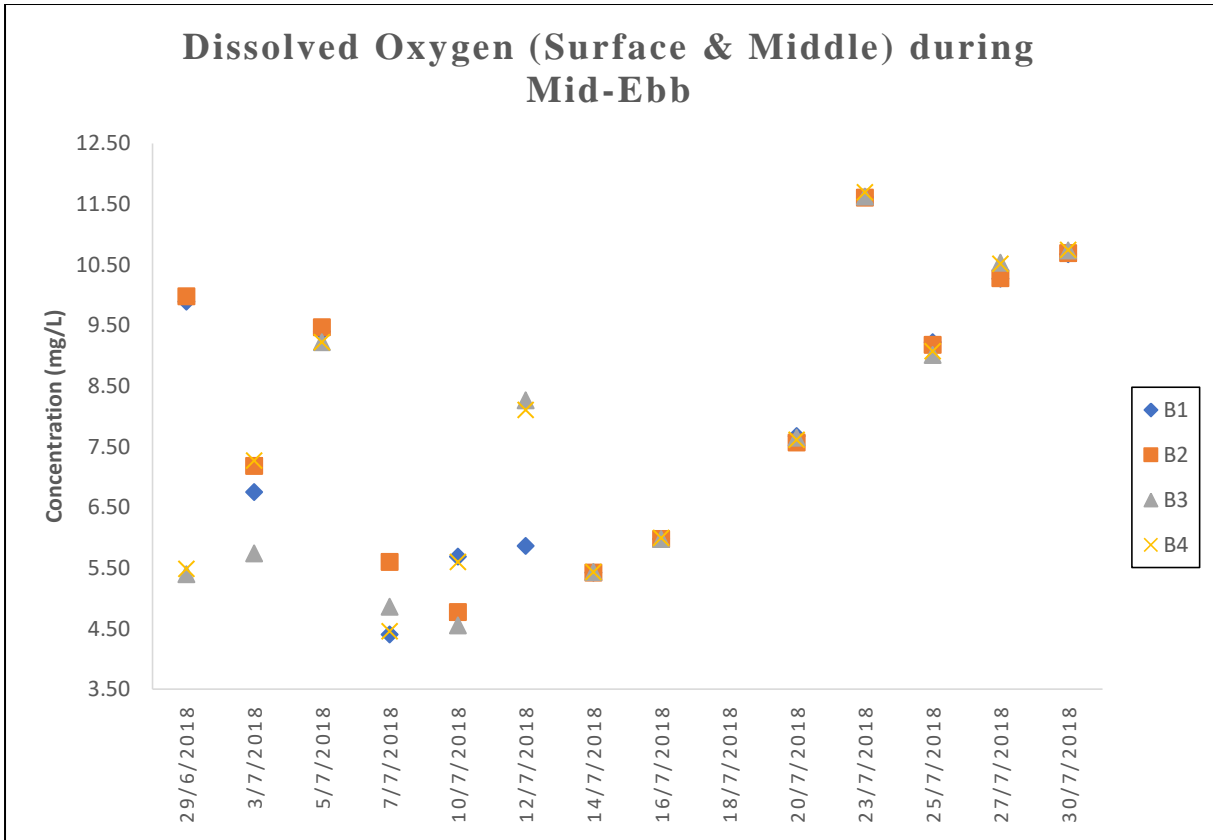




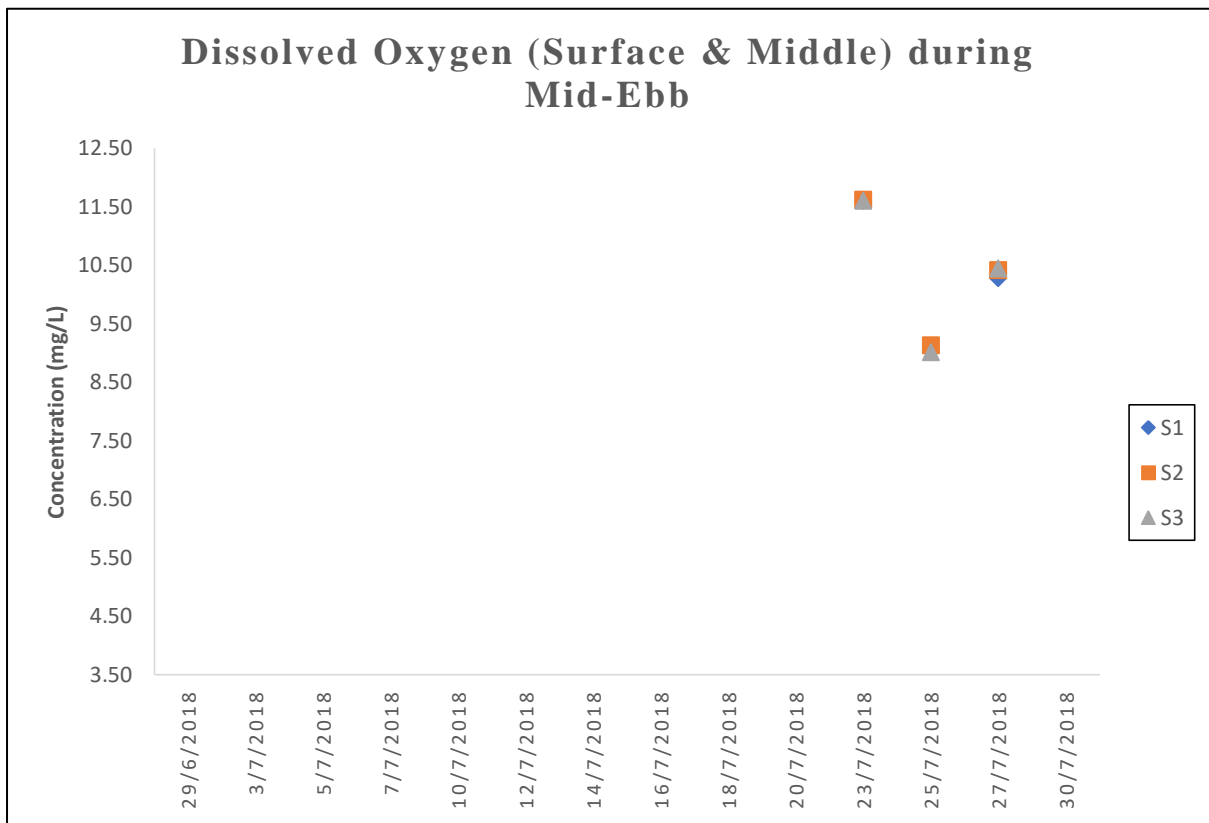
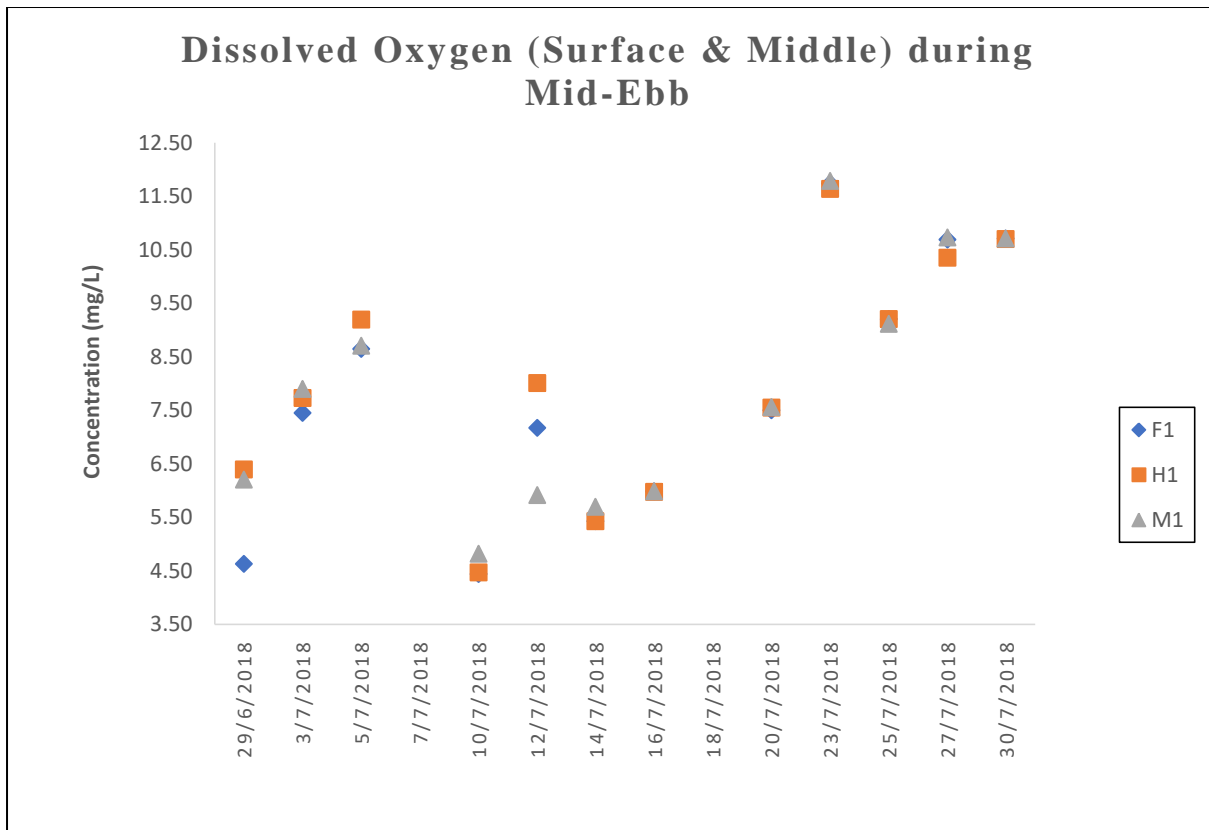
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



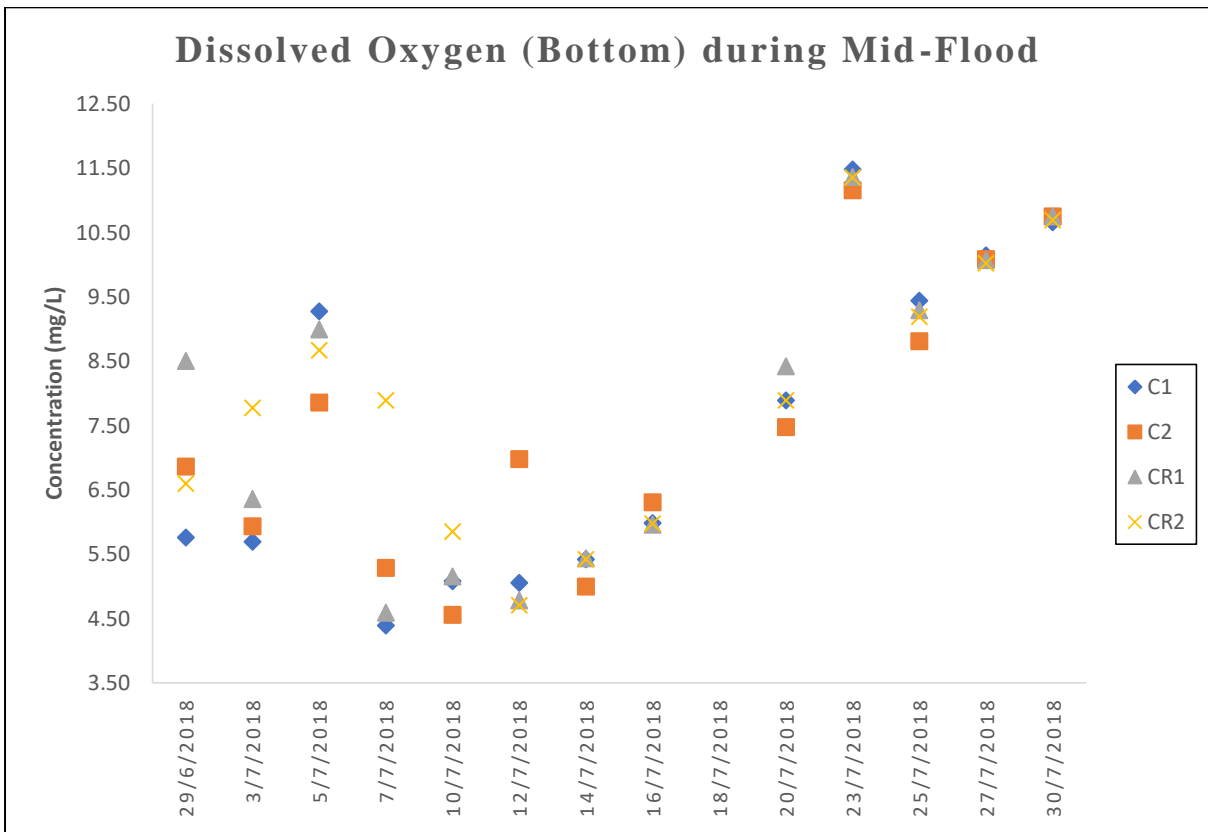
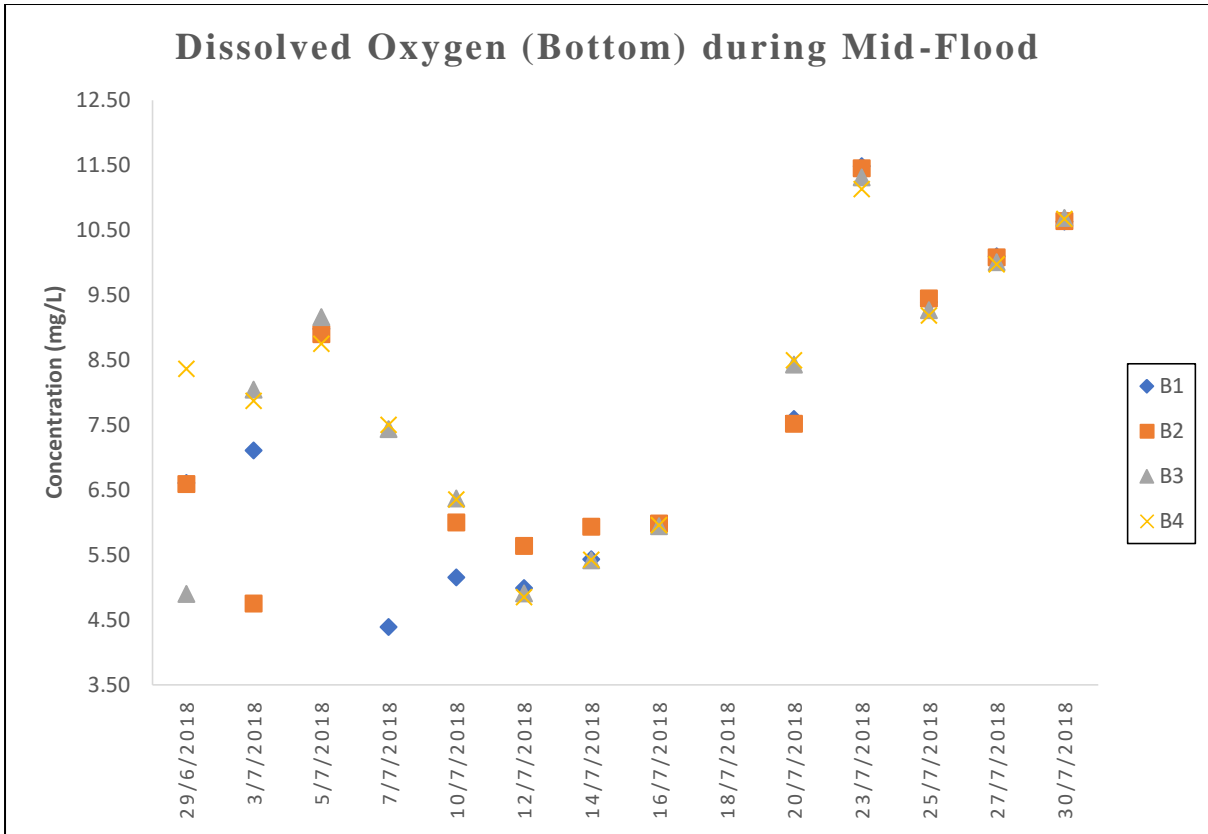
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



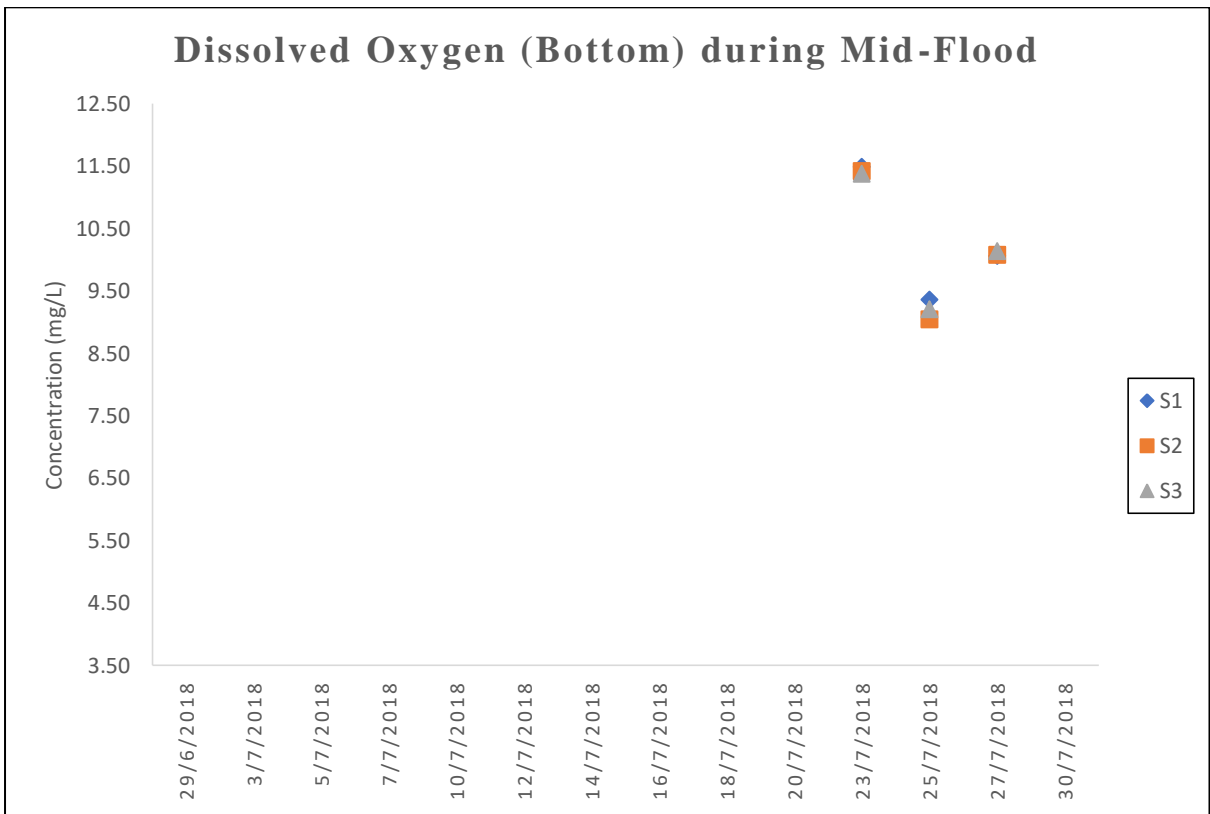
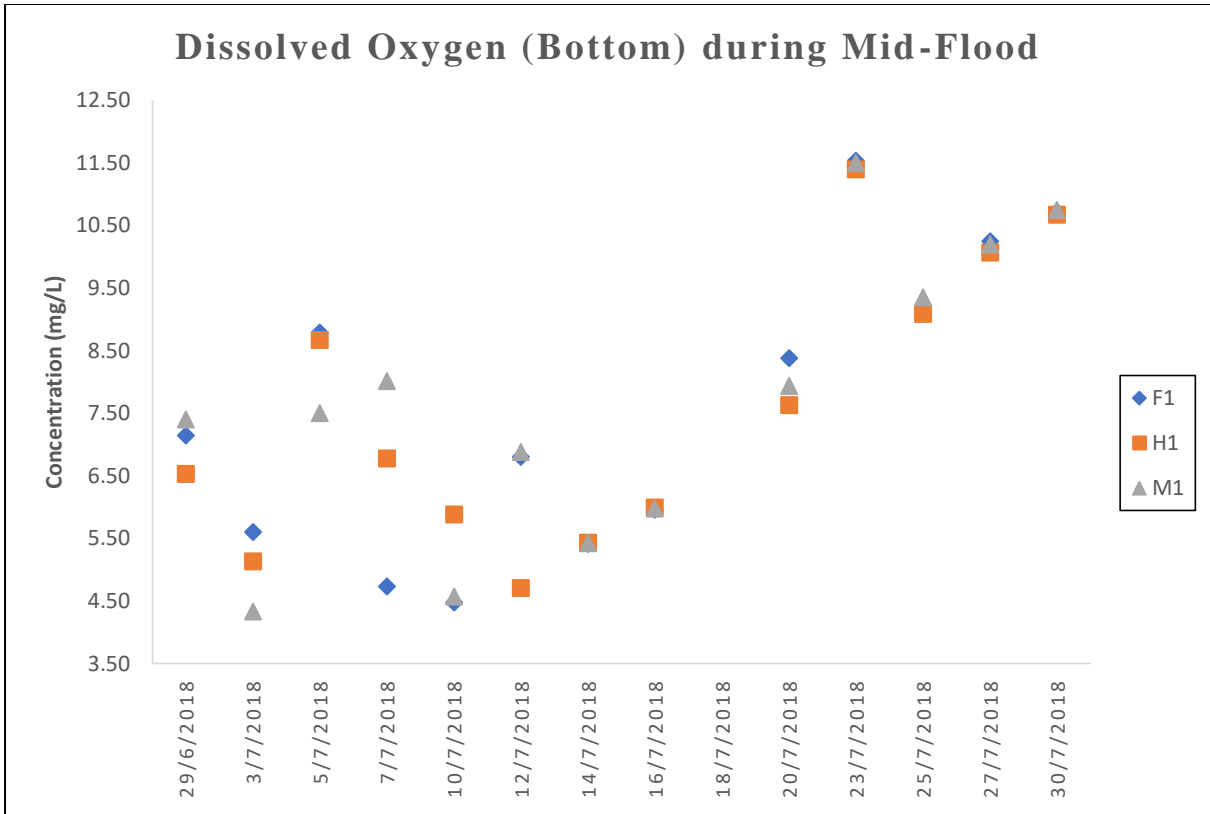
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



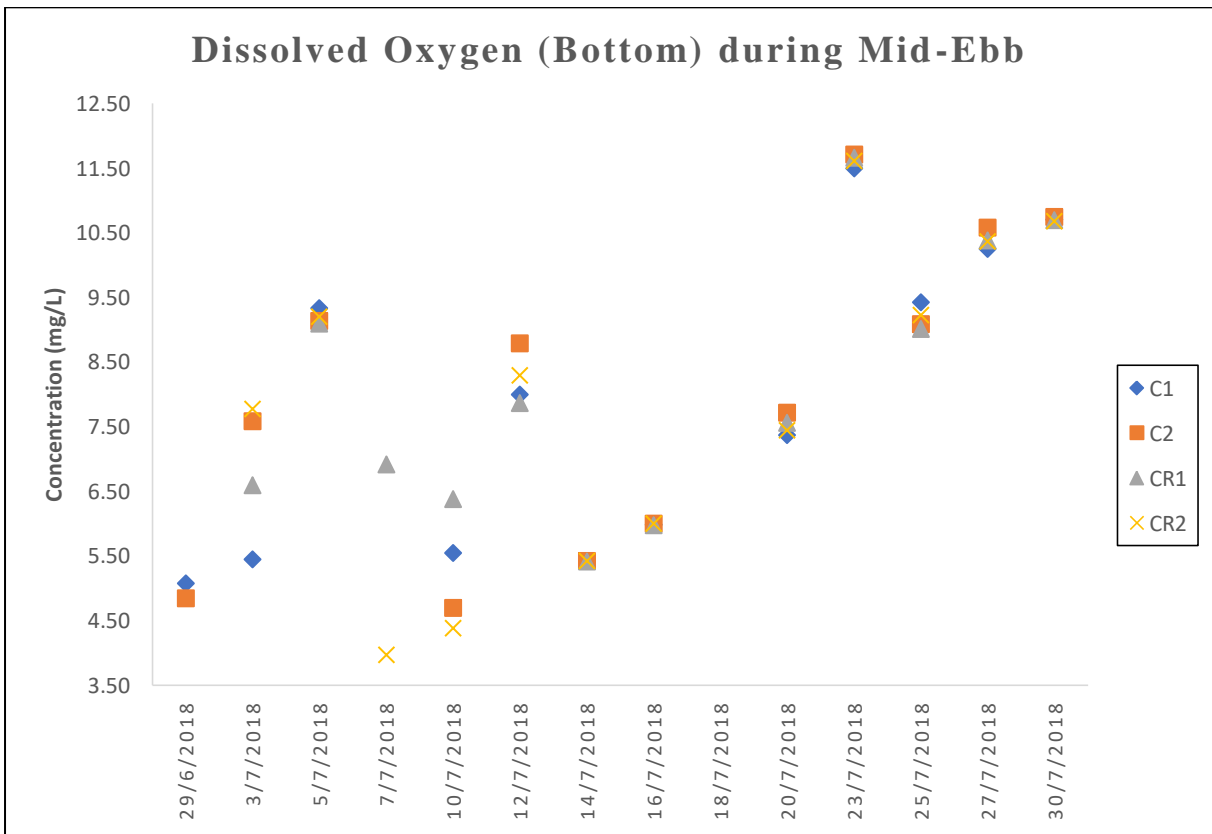
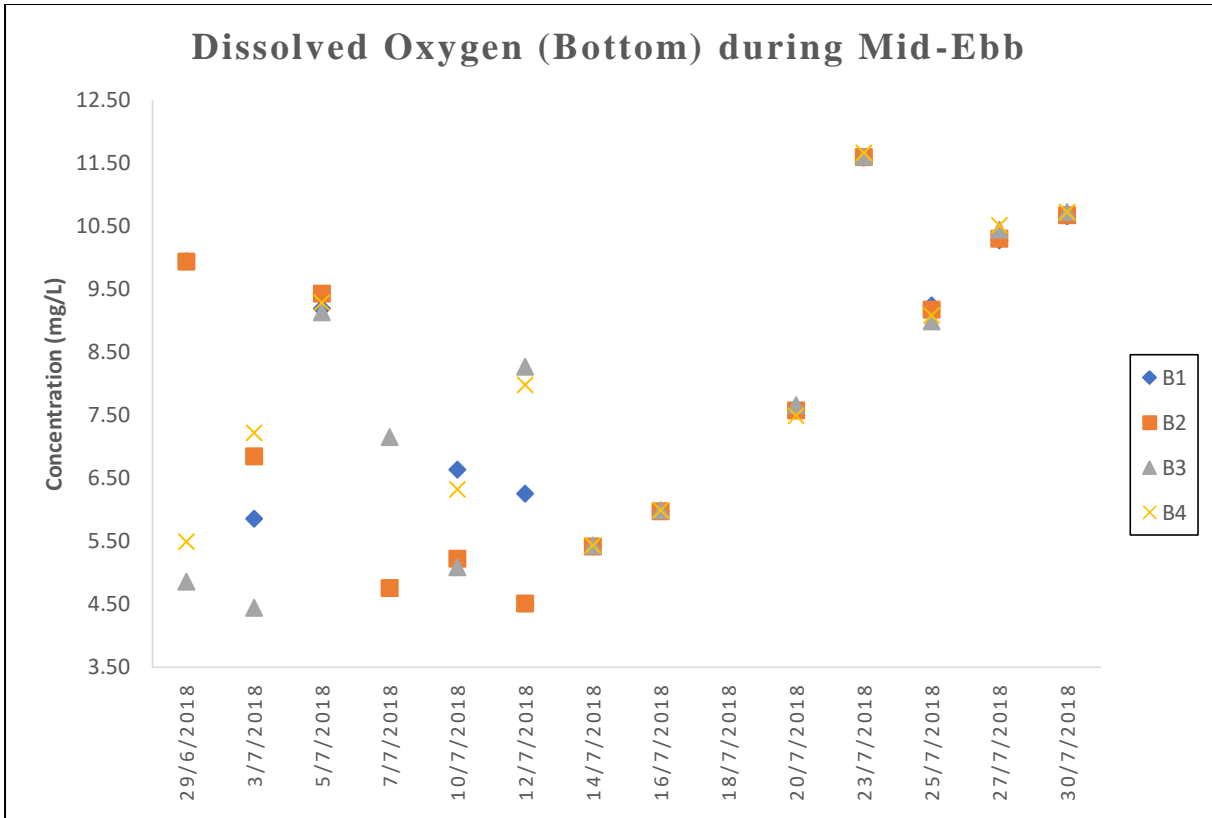
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



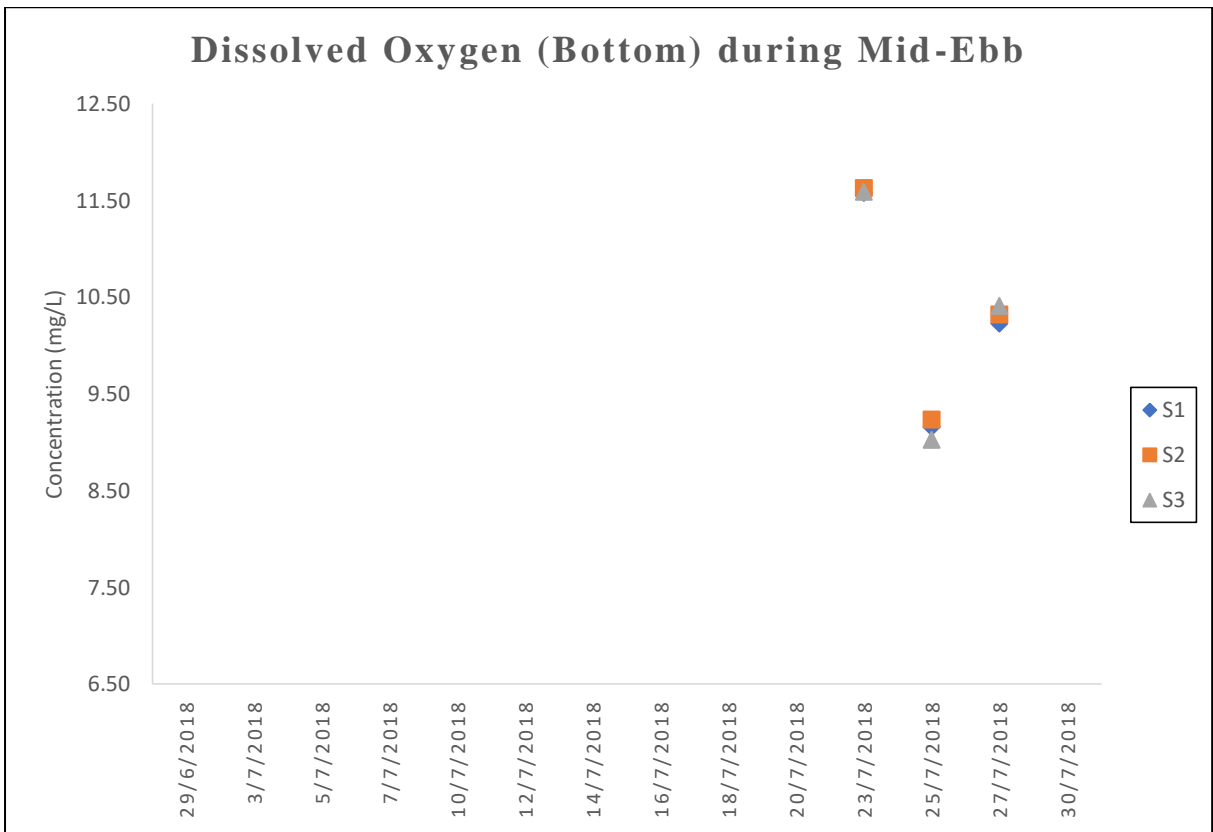
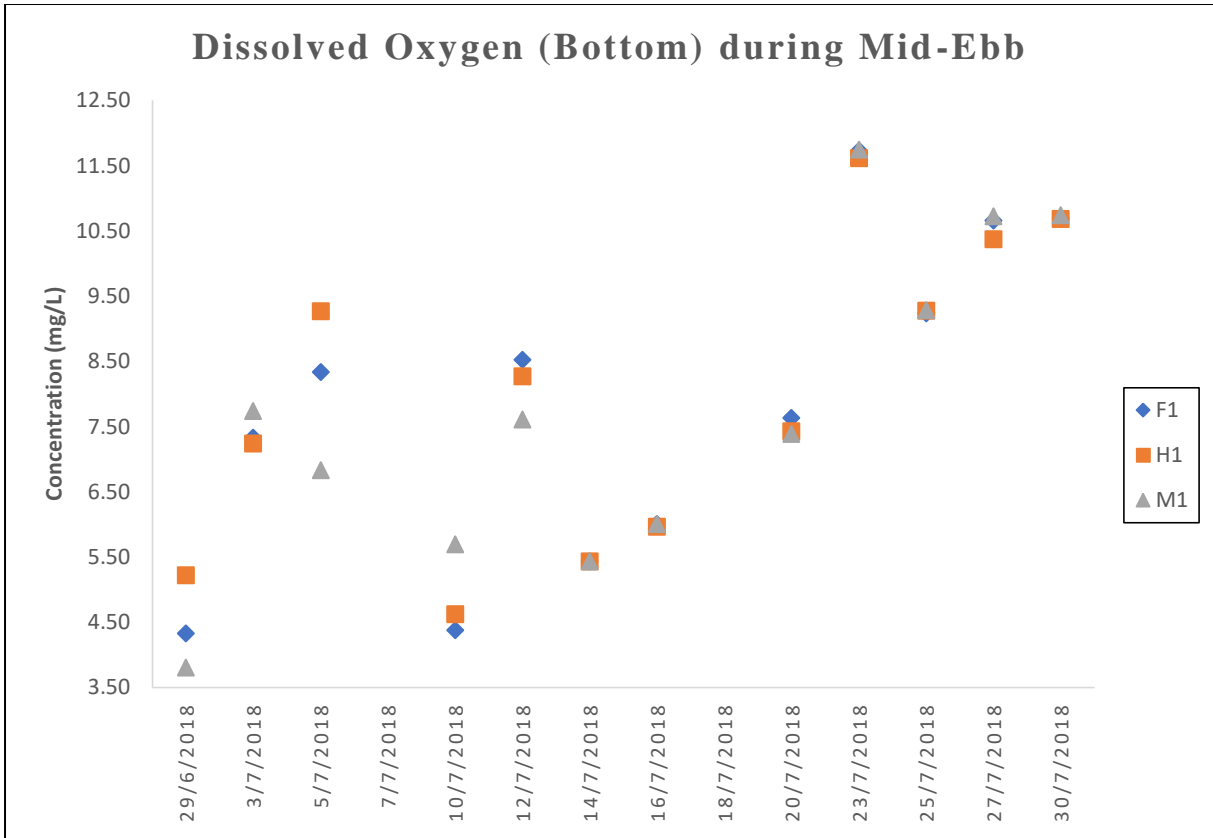
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



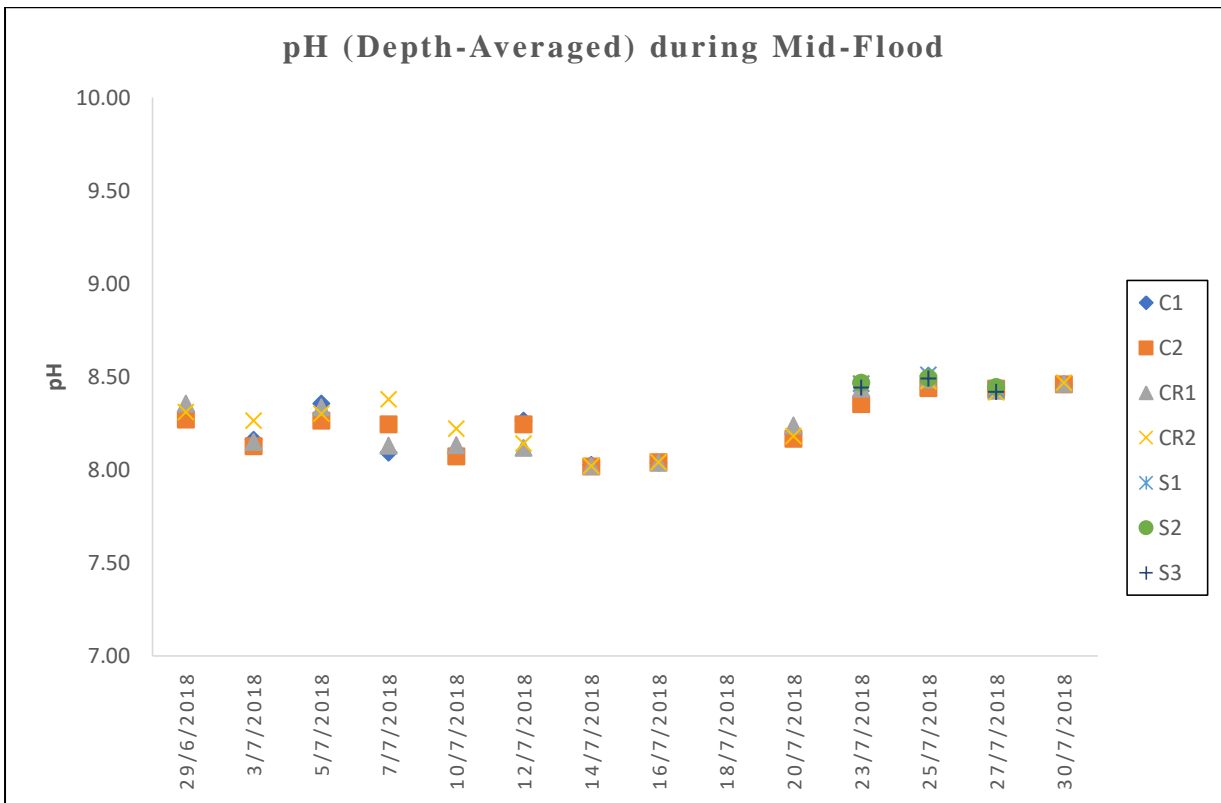
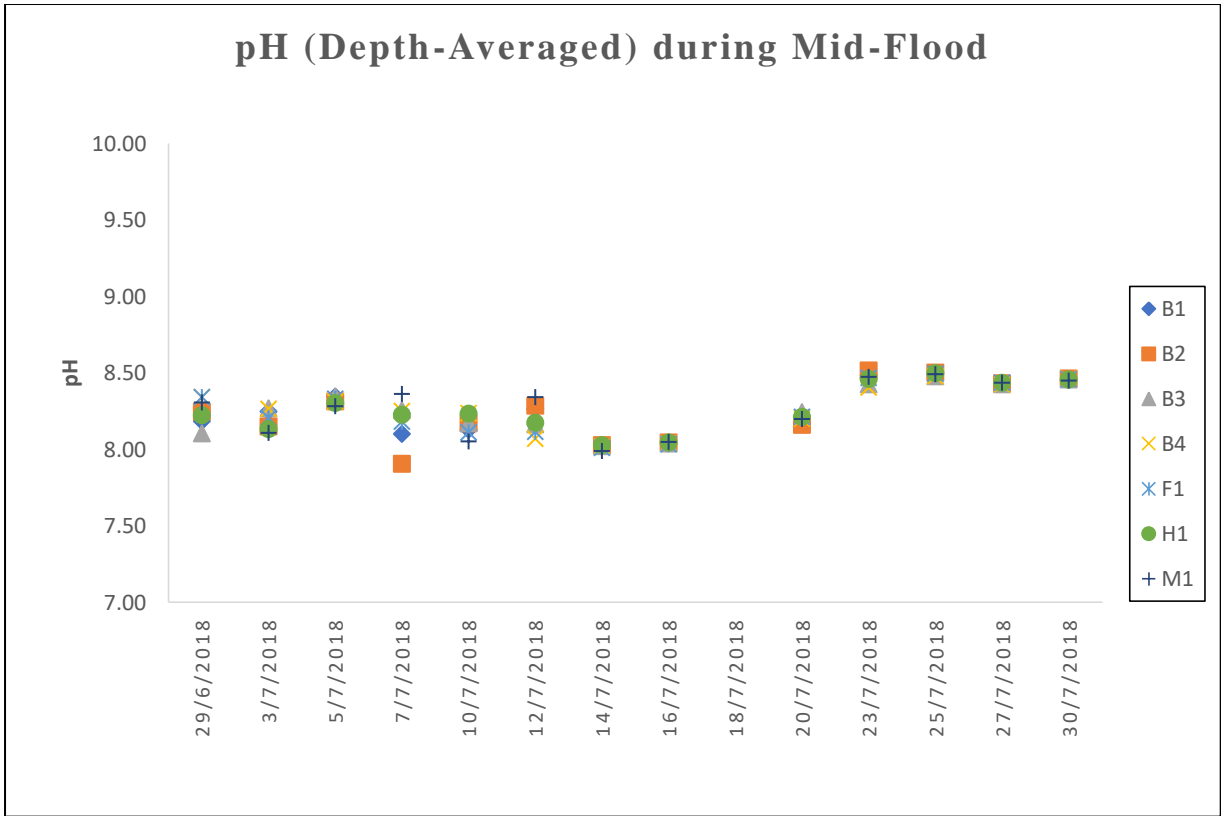
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



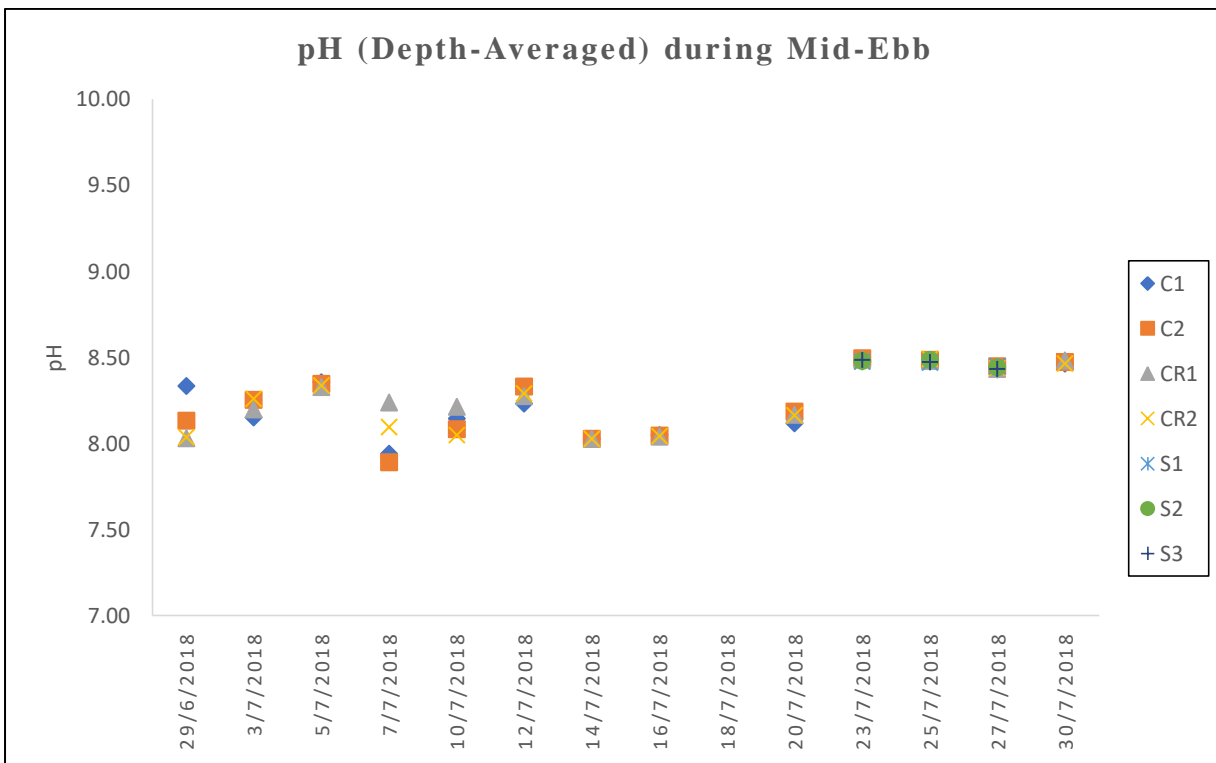
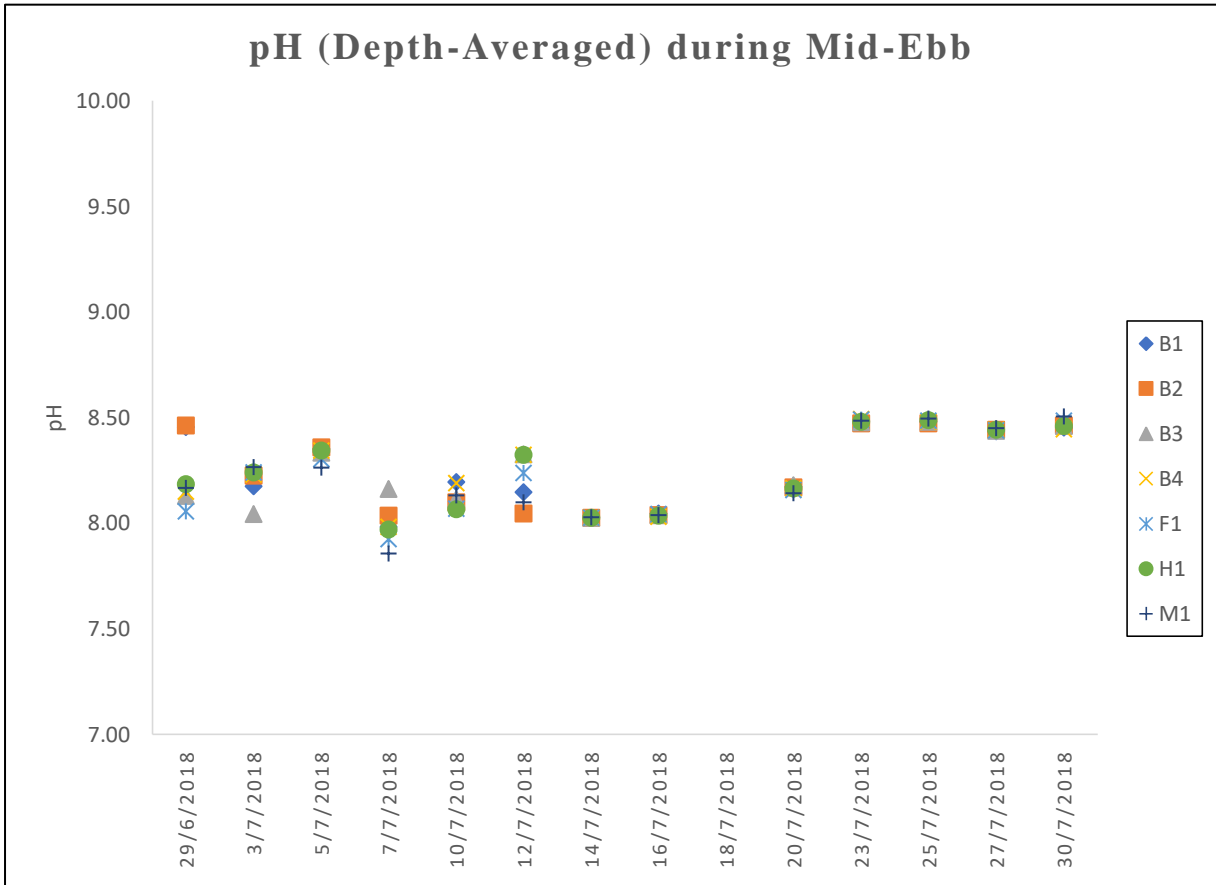
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



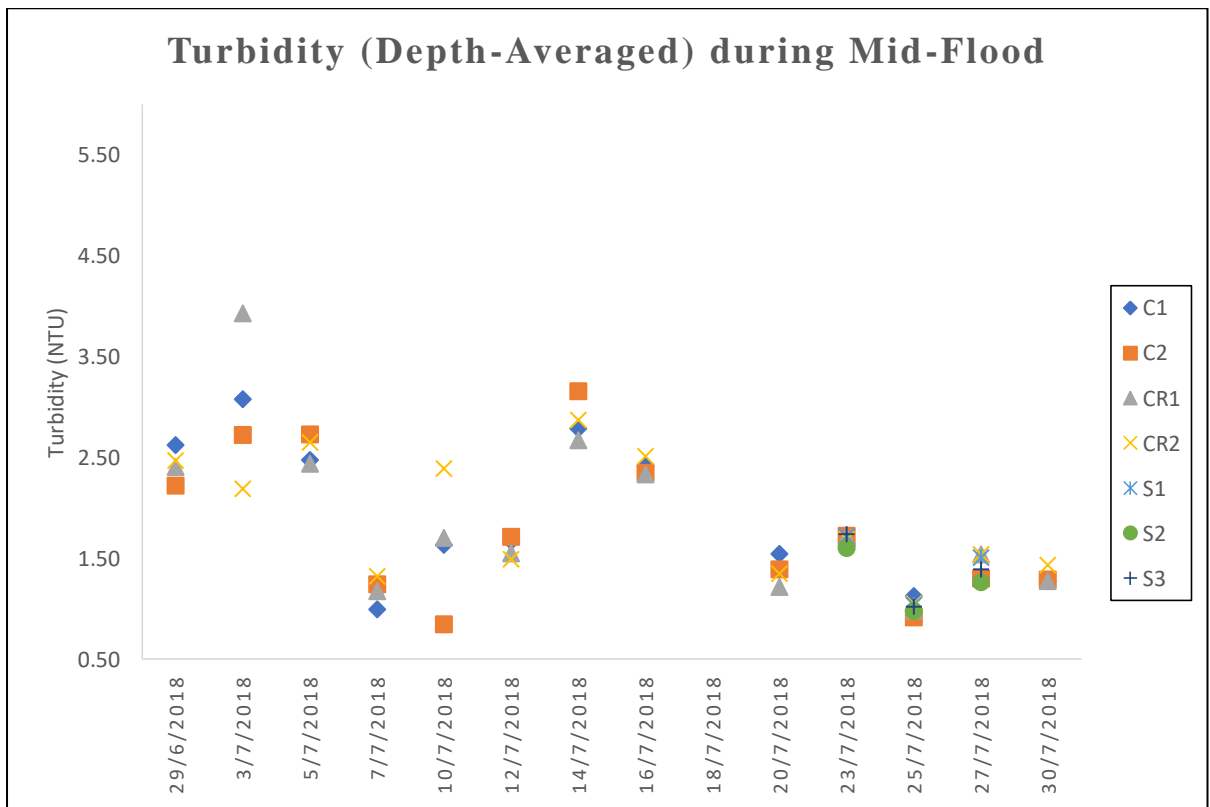
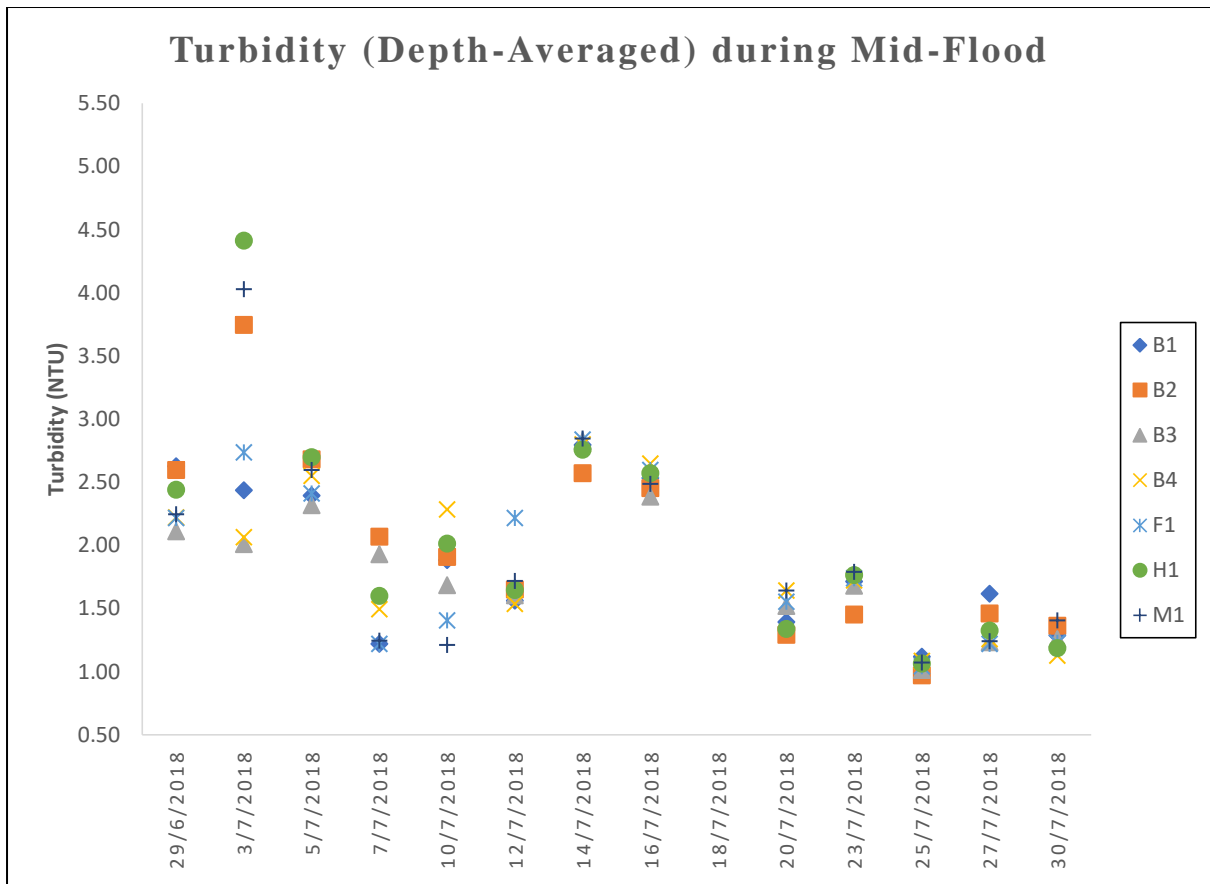
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



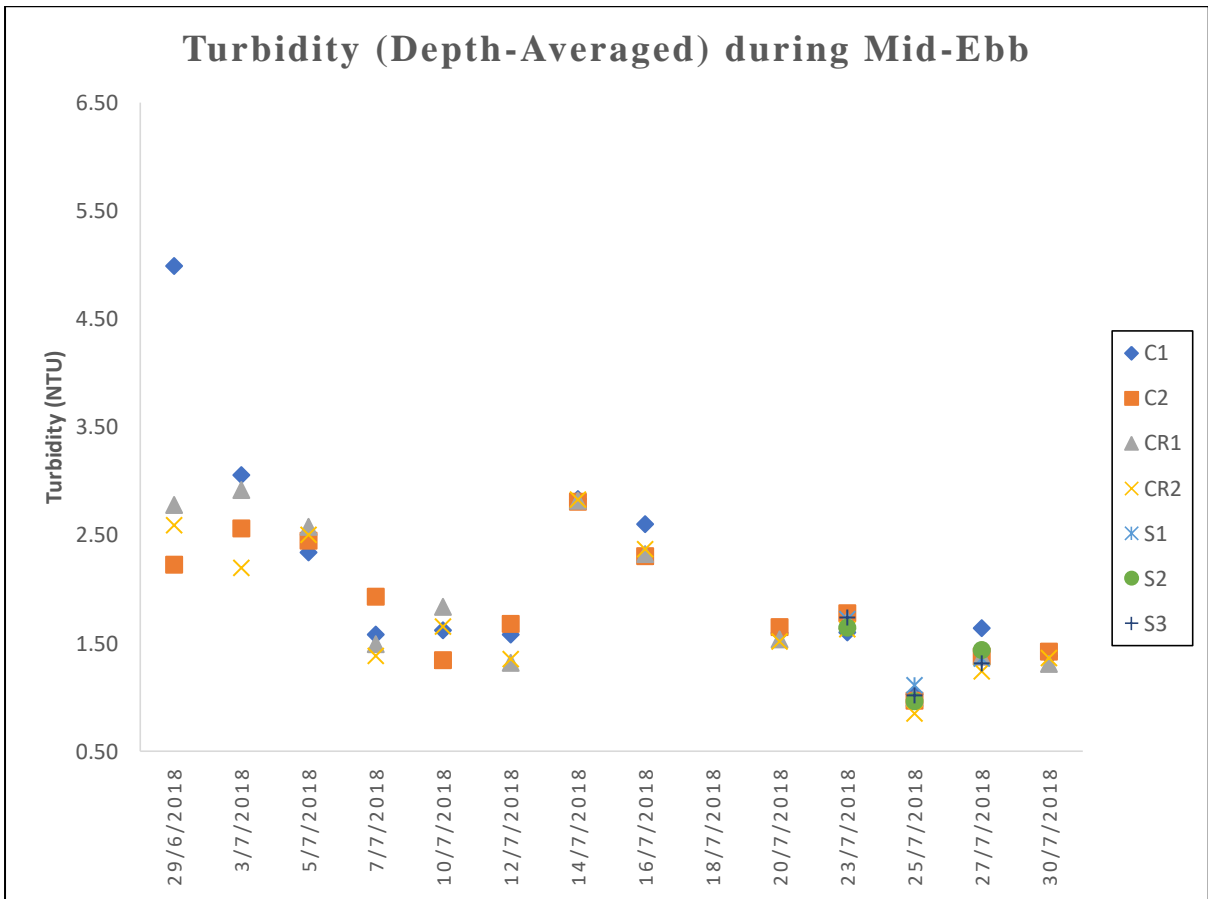
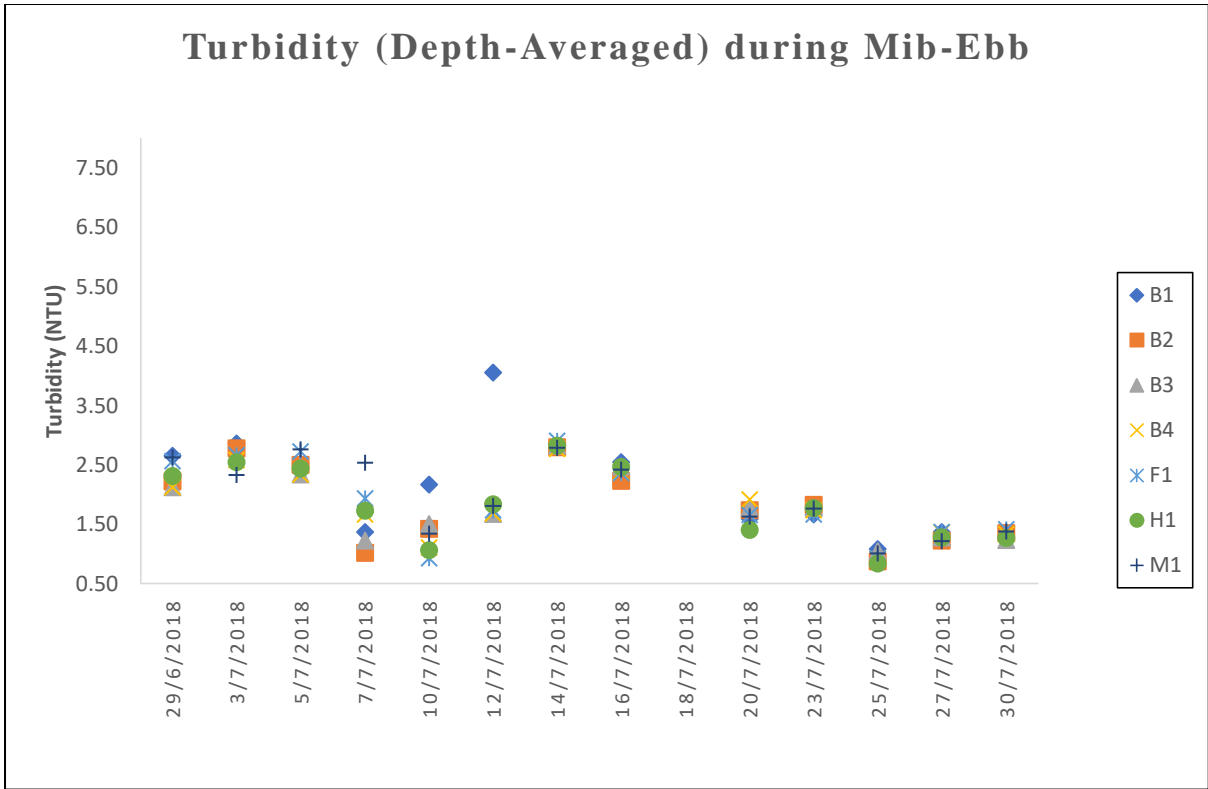
Note: The Action and Limit Level of pH can be referred to **Table 2.7** of the monthly EM & A report.



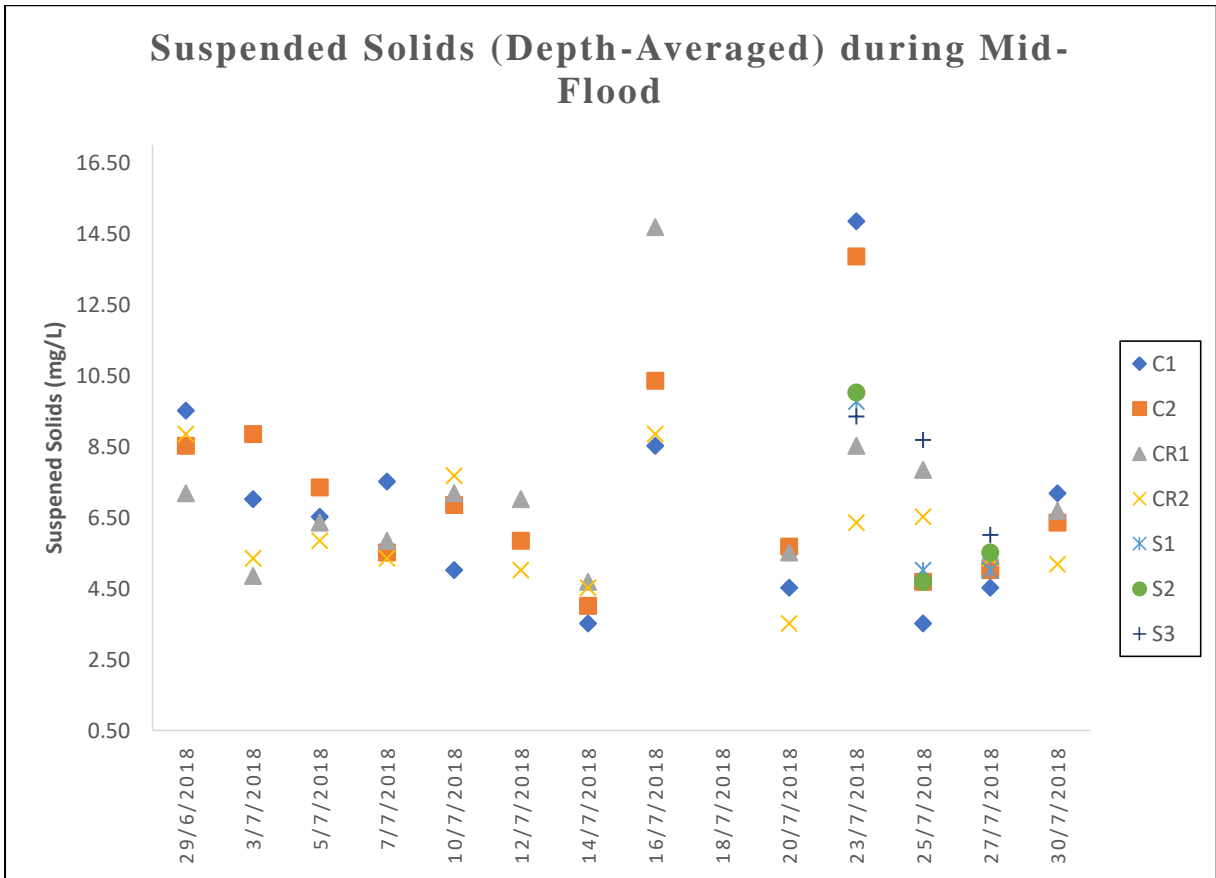
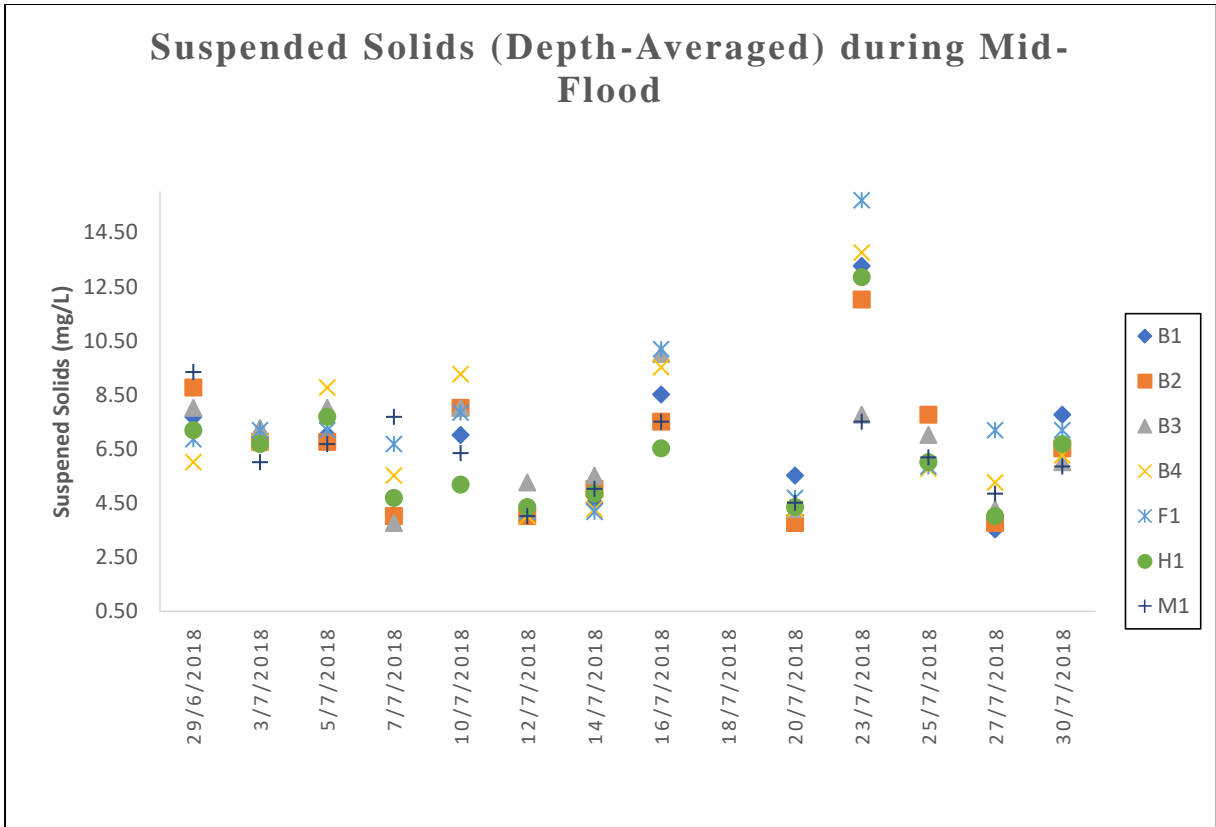
Note: The Action and Limit Level of pH can be referred to **Table 2.7** of the monthly EM & A report.



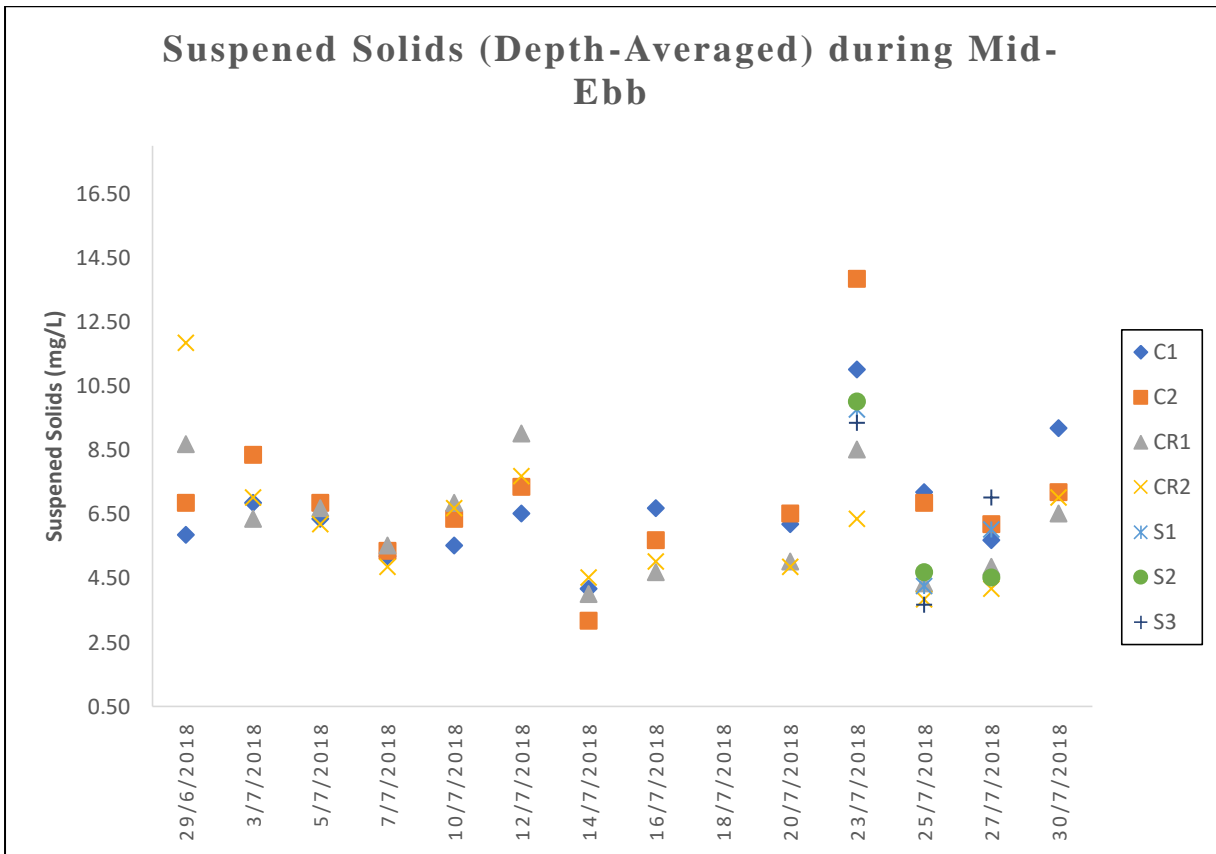
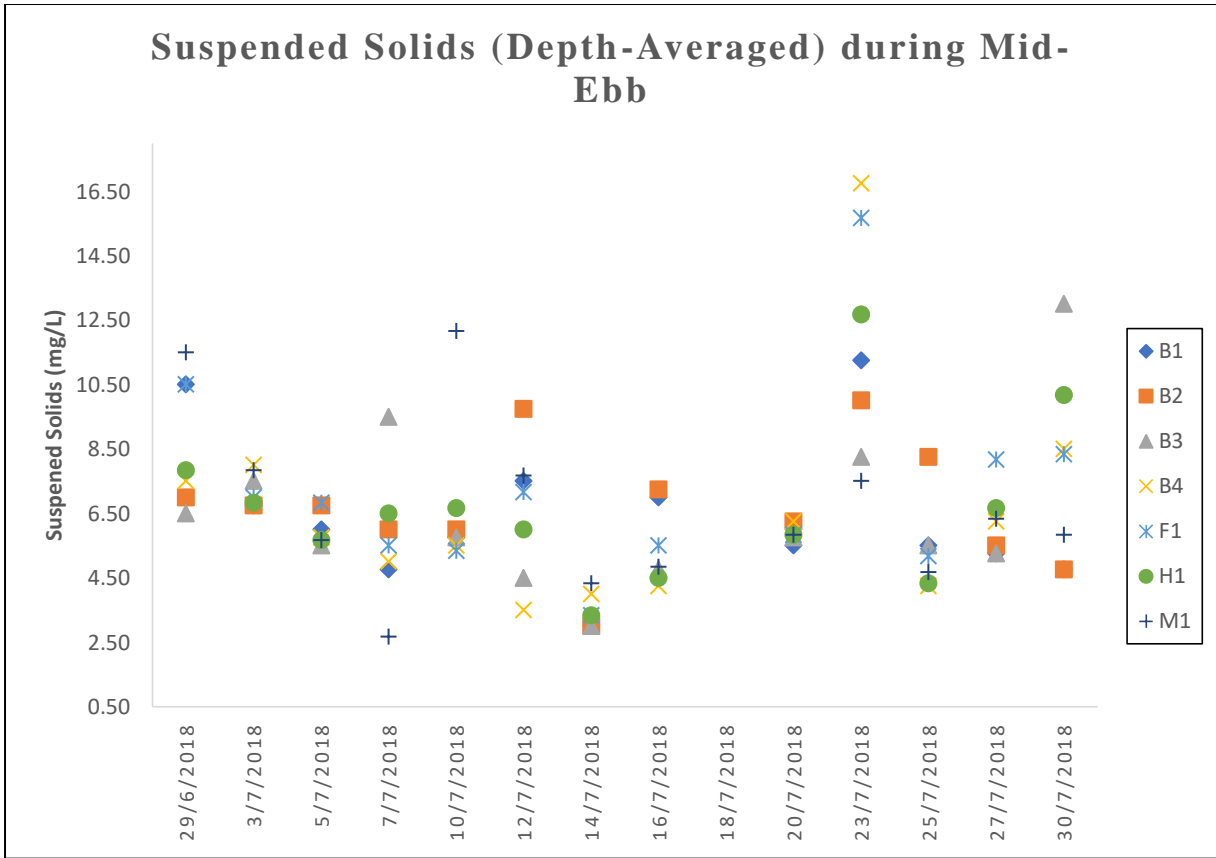
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



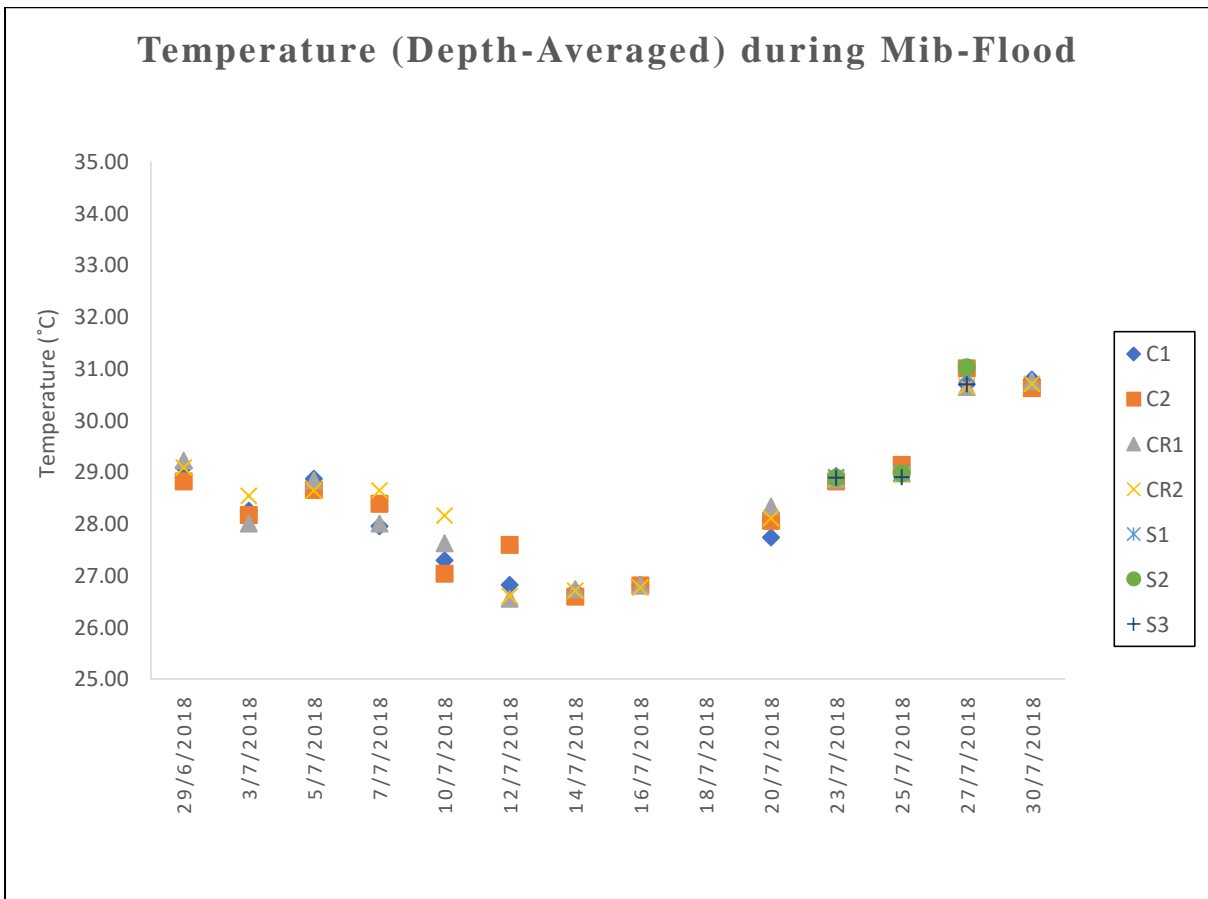
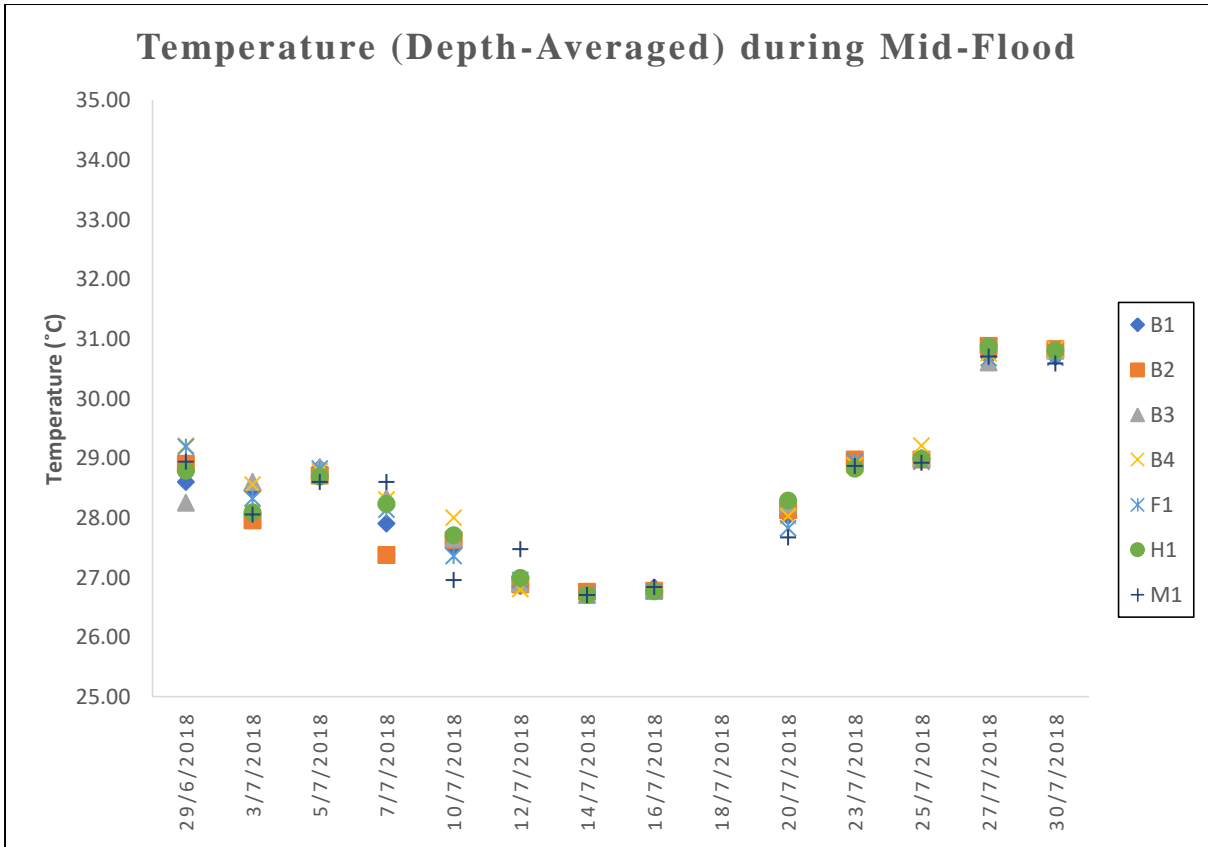
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



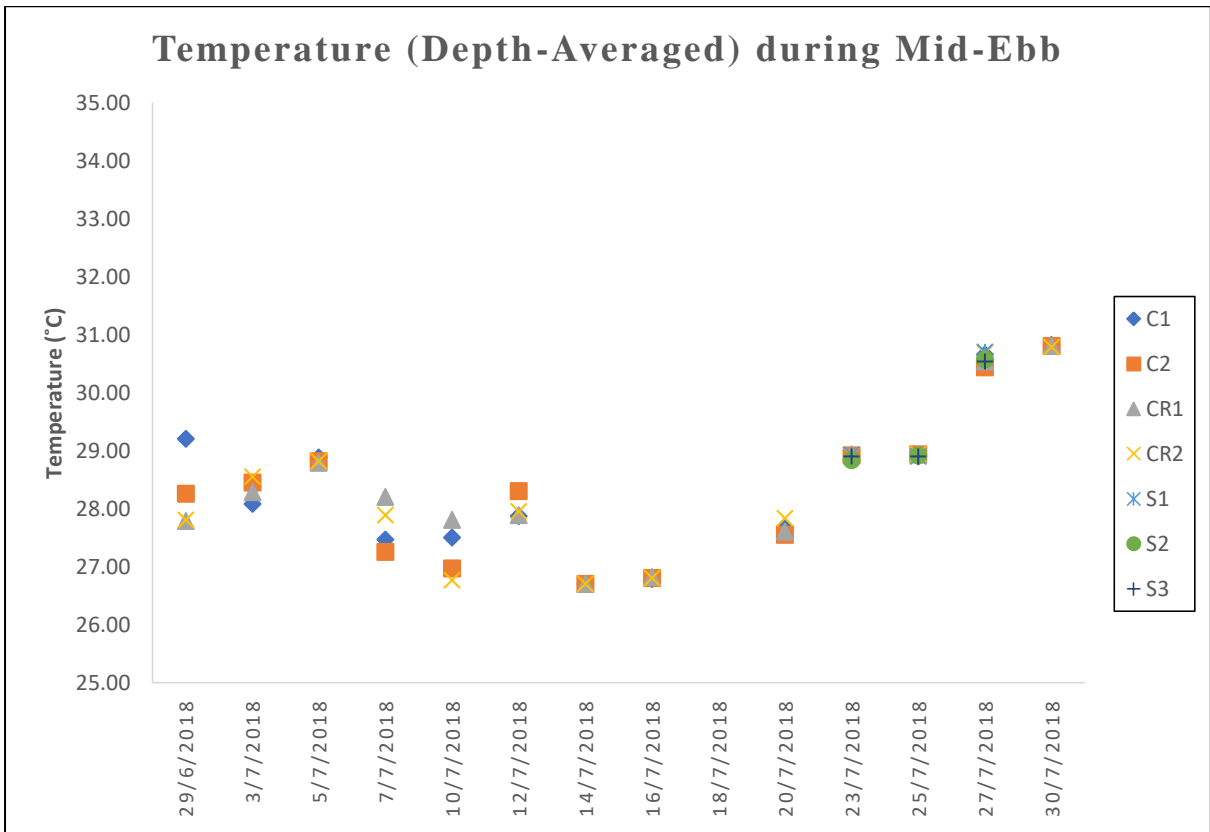
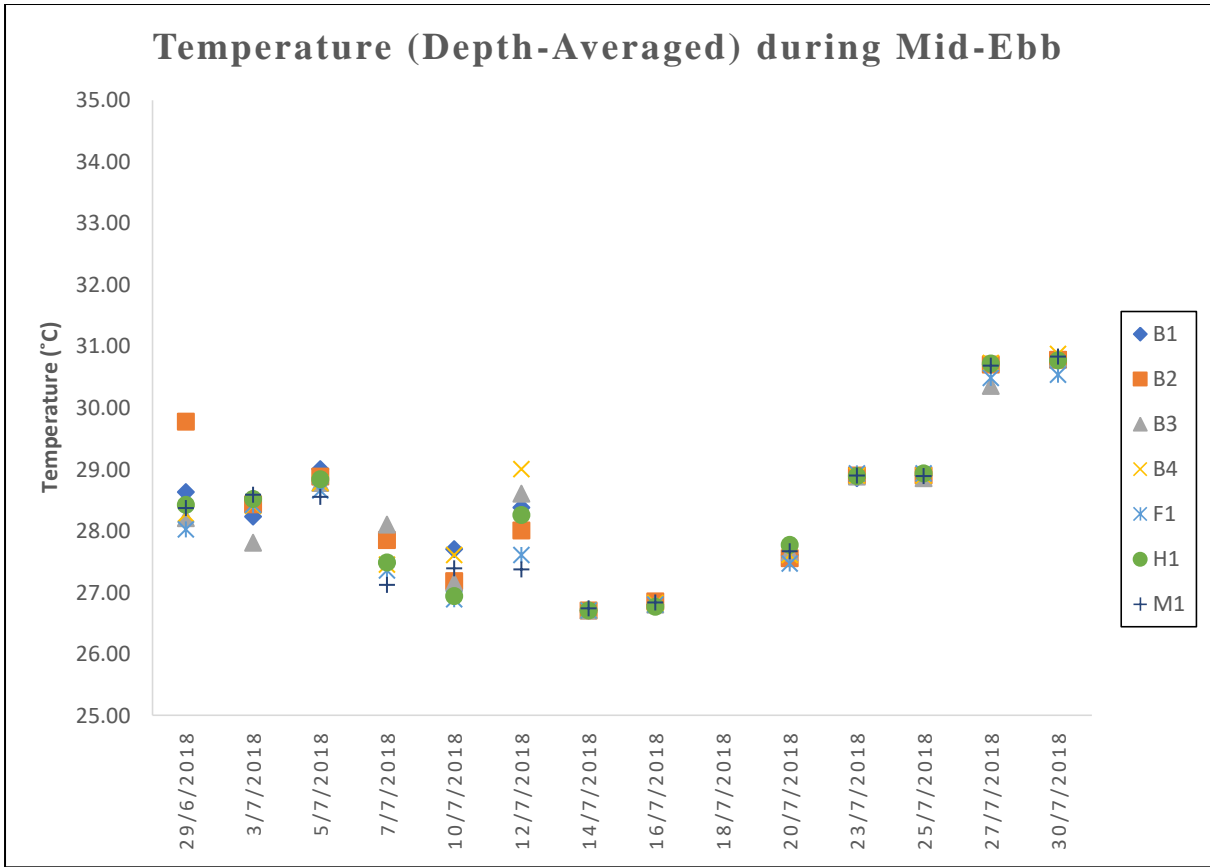
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



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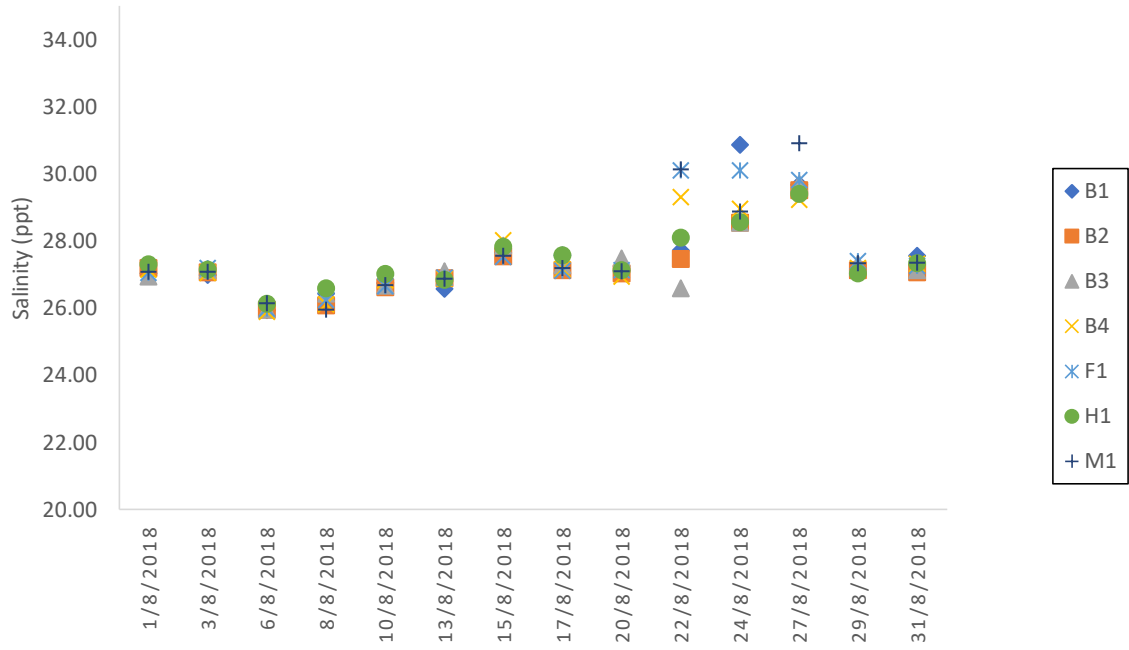


Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.

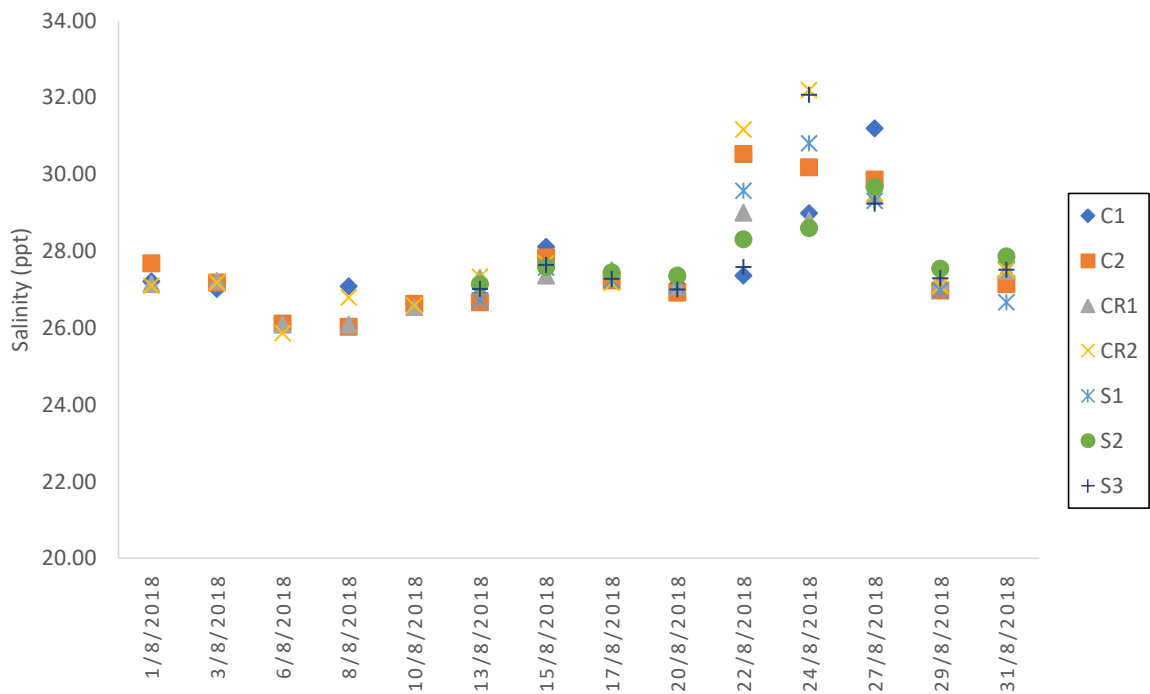


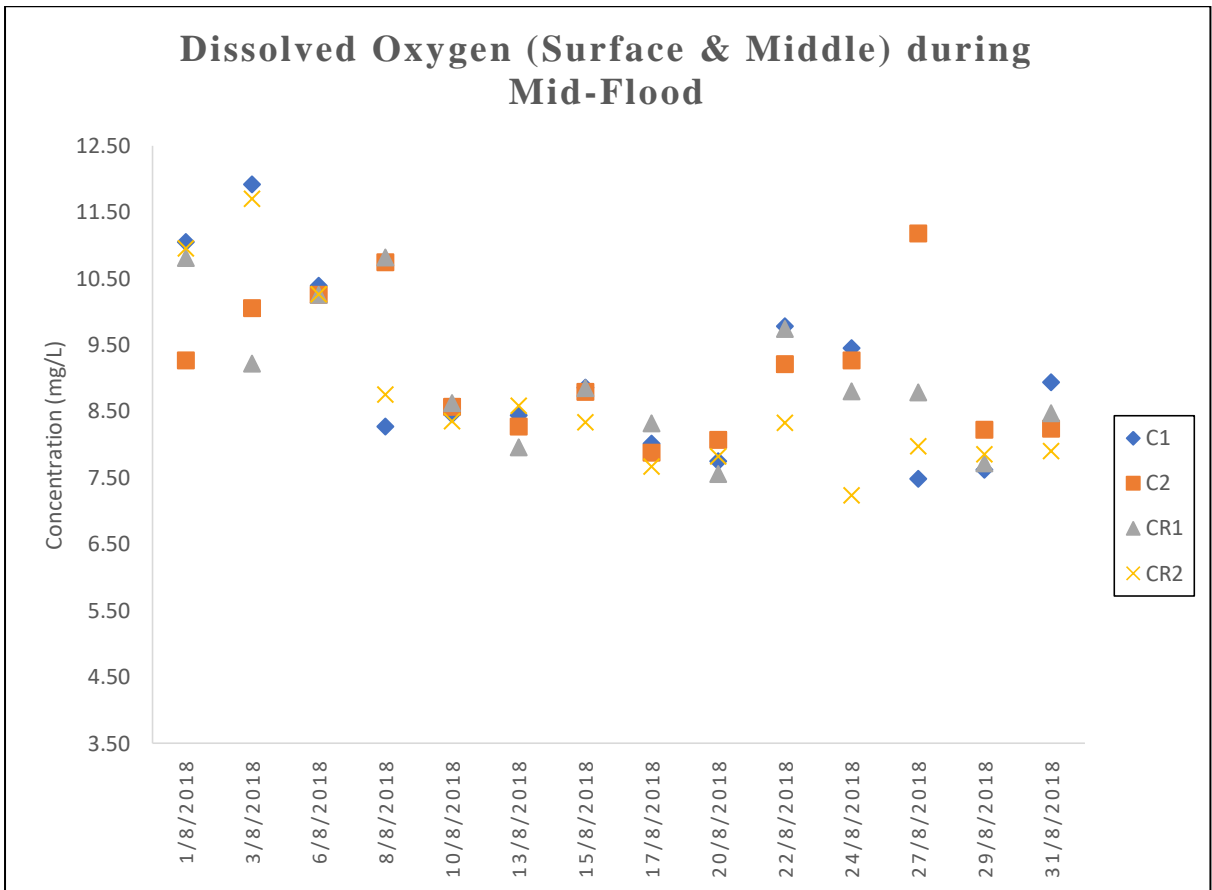
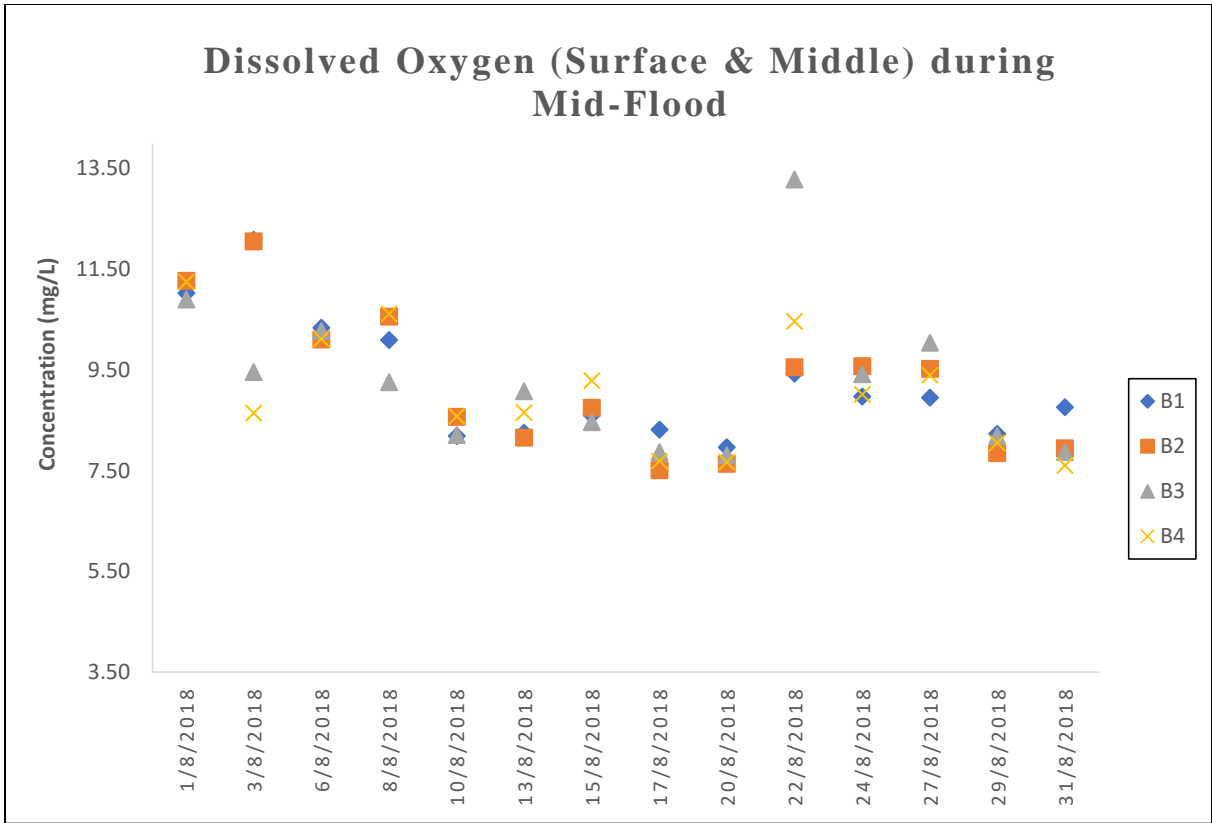
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.

Salinity (Depth-averaged) during Mid-Flood

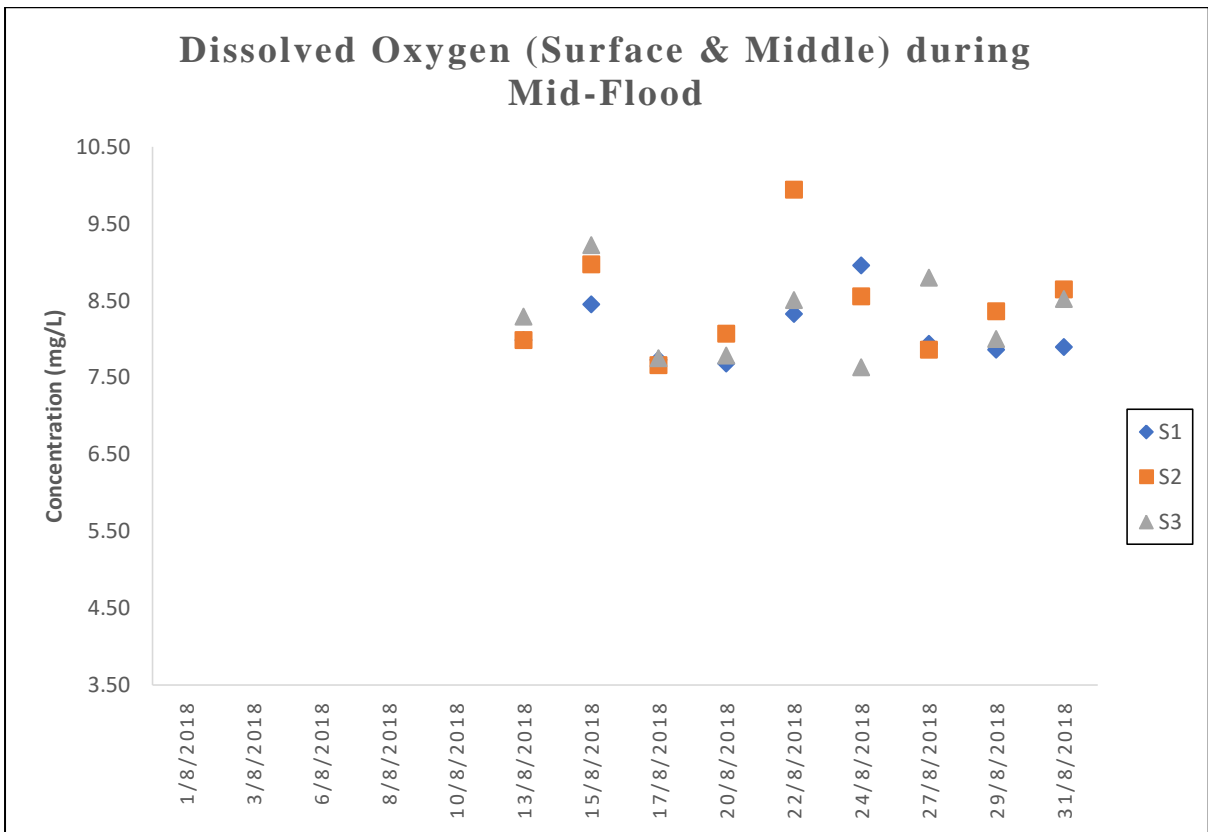
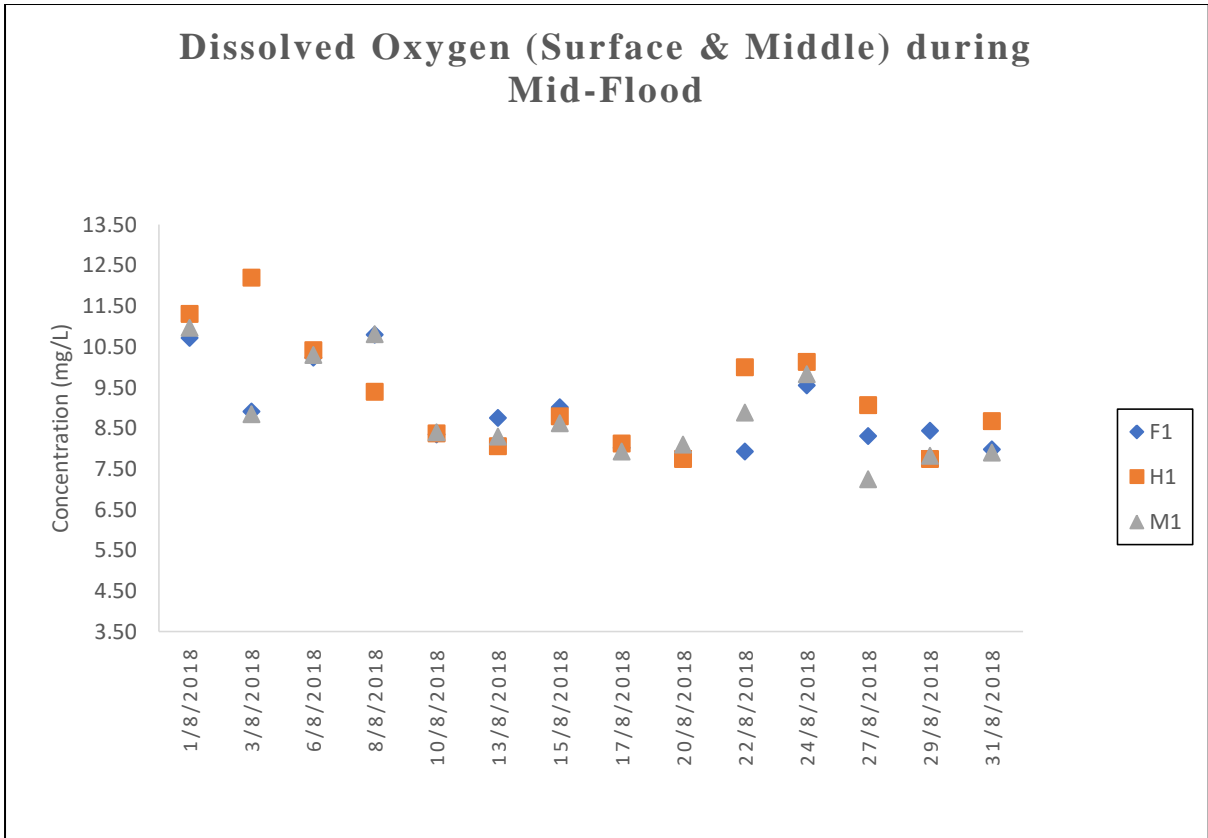


Salinity (Depth-averaged) during Mid-Flood

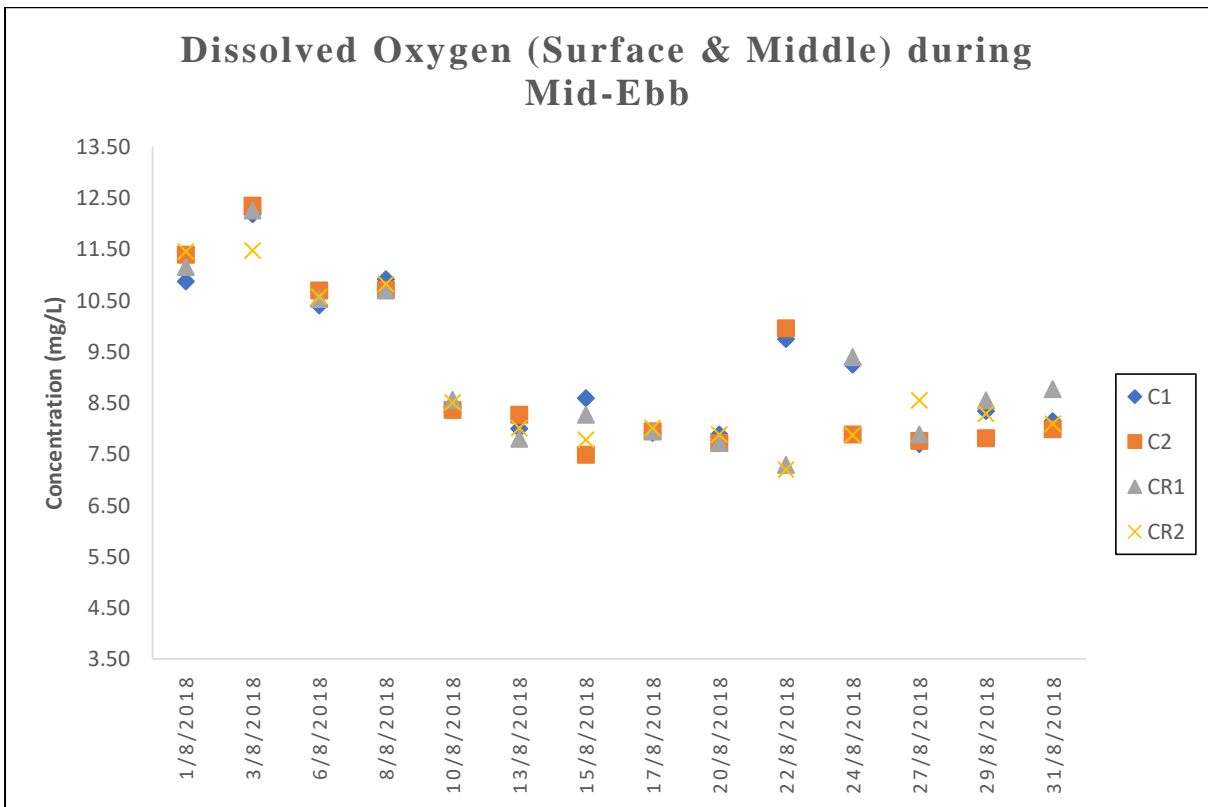
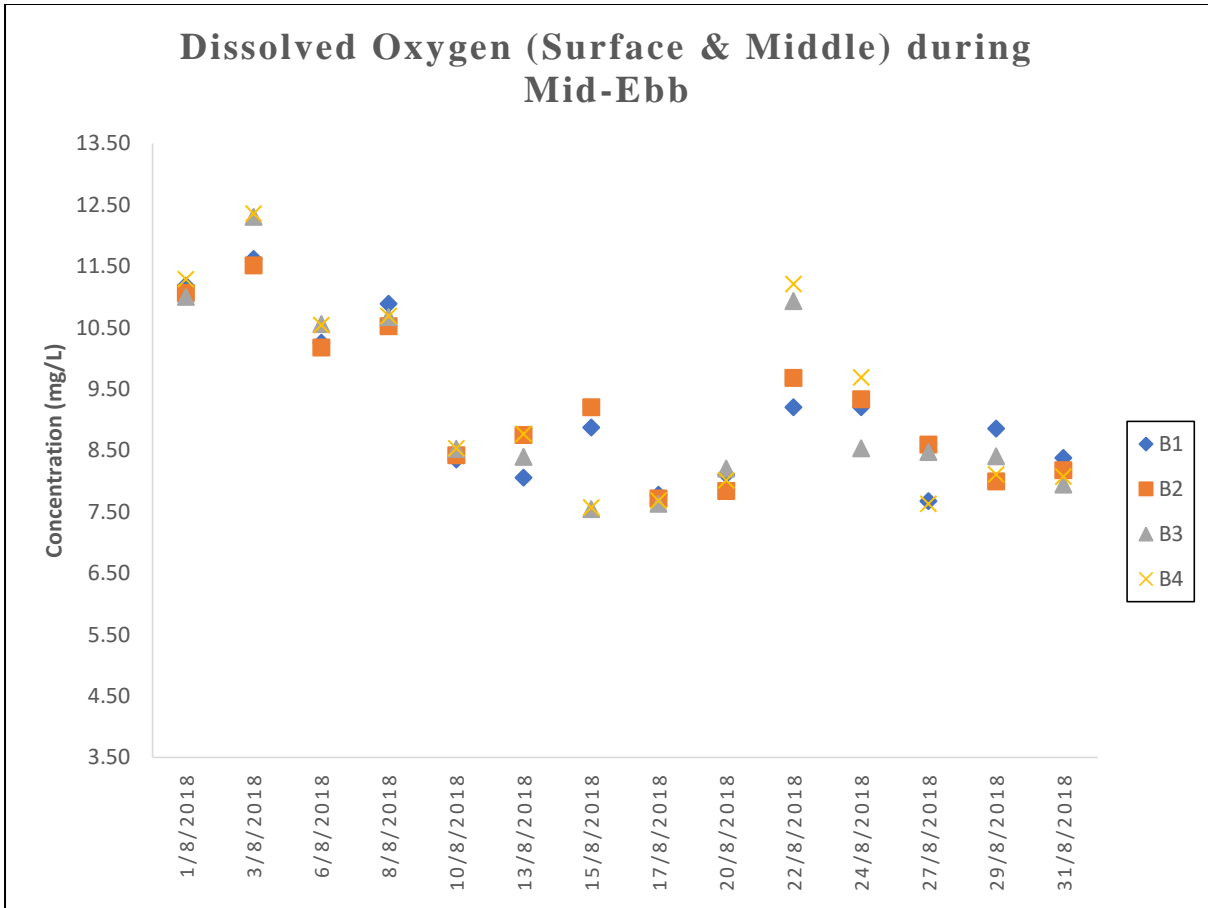




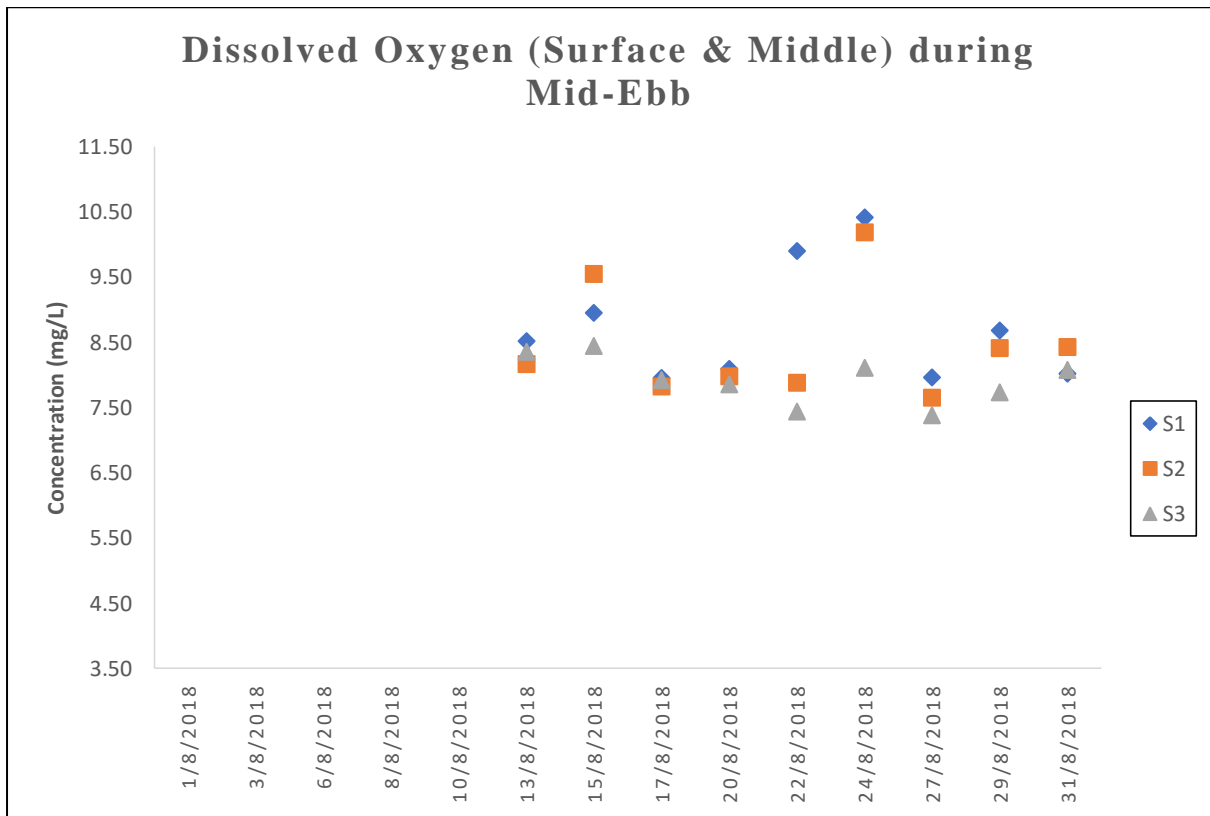
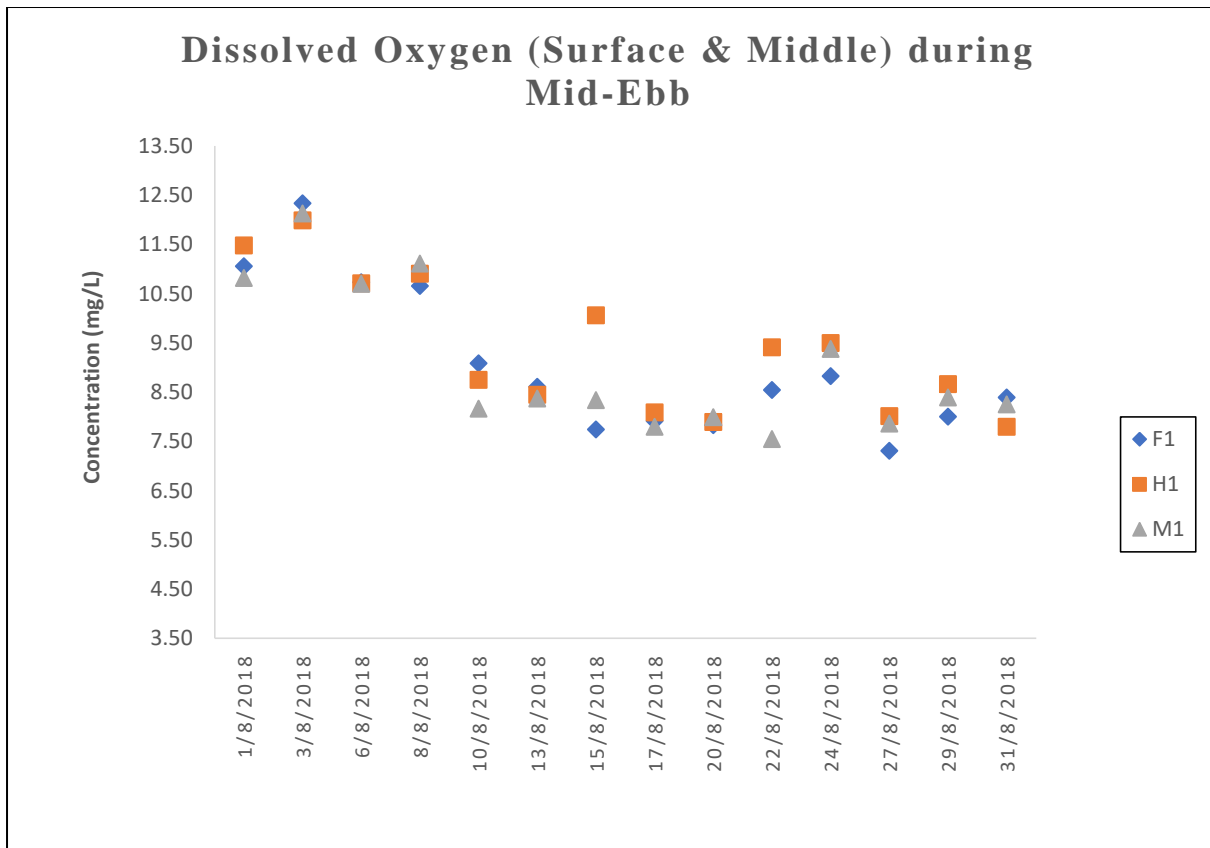
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



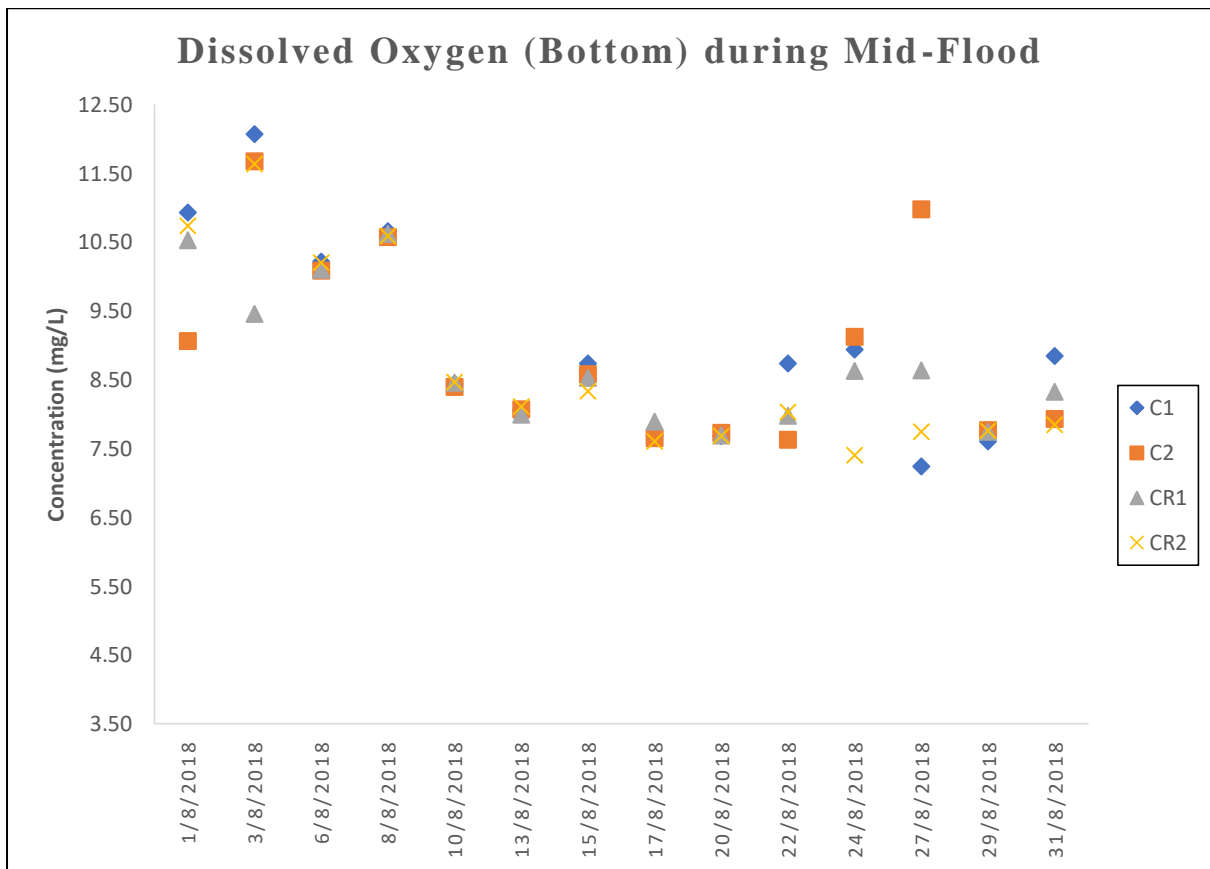
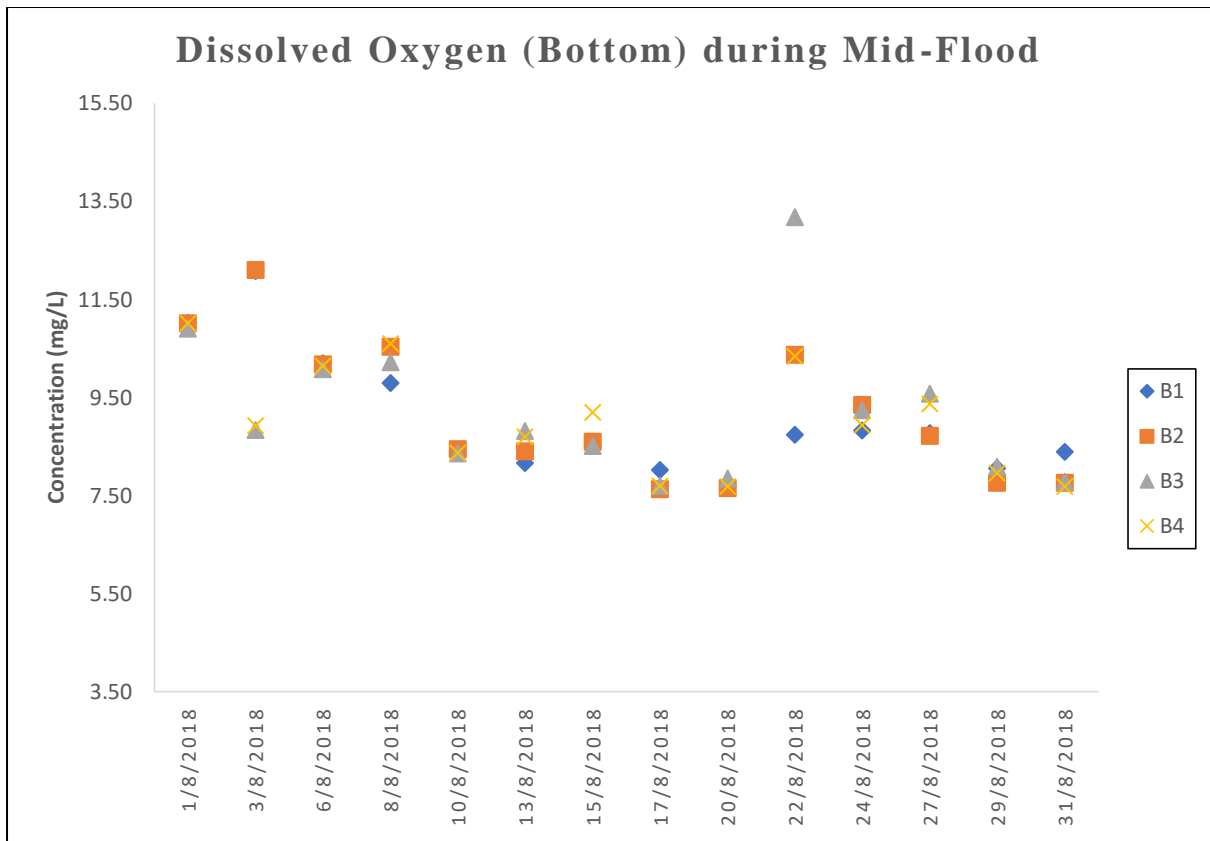
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



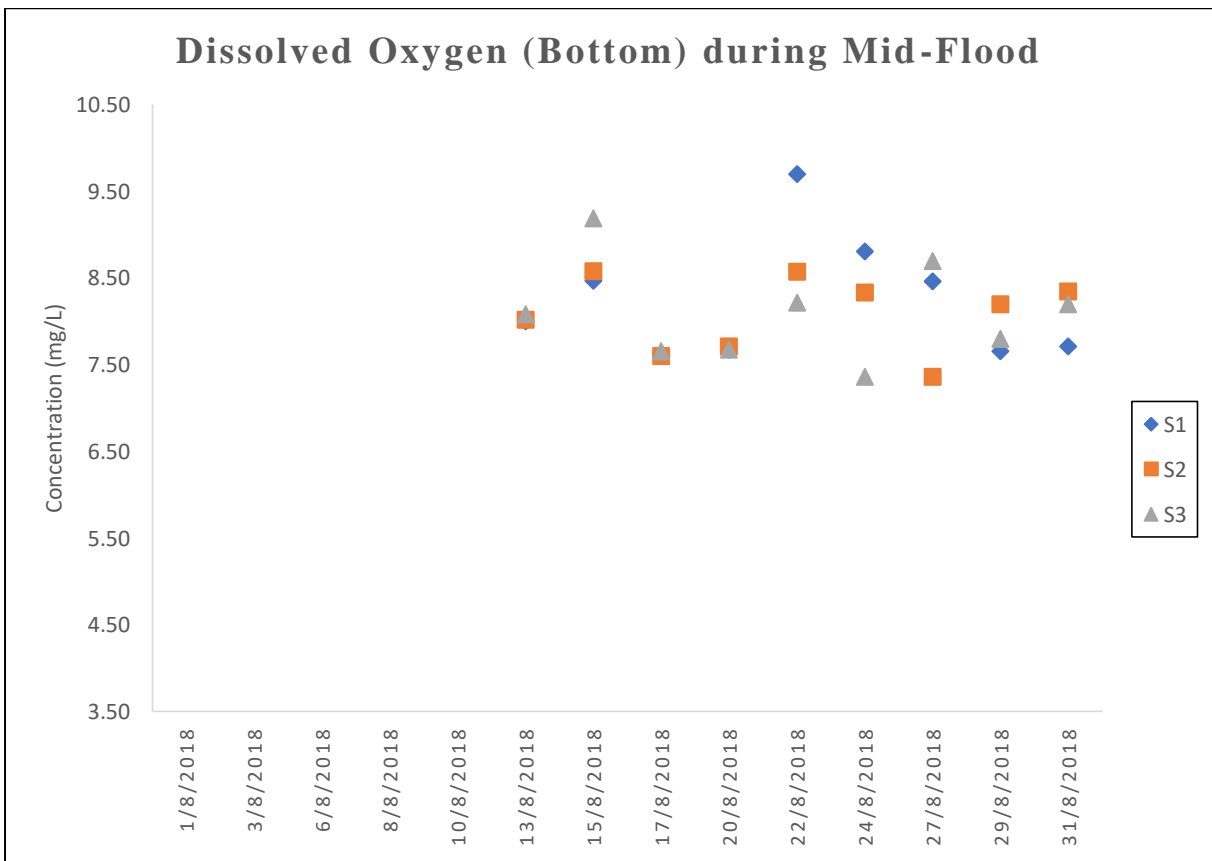
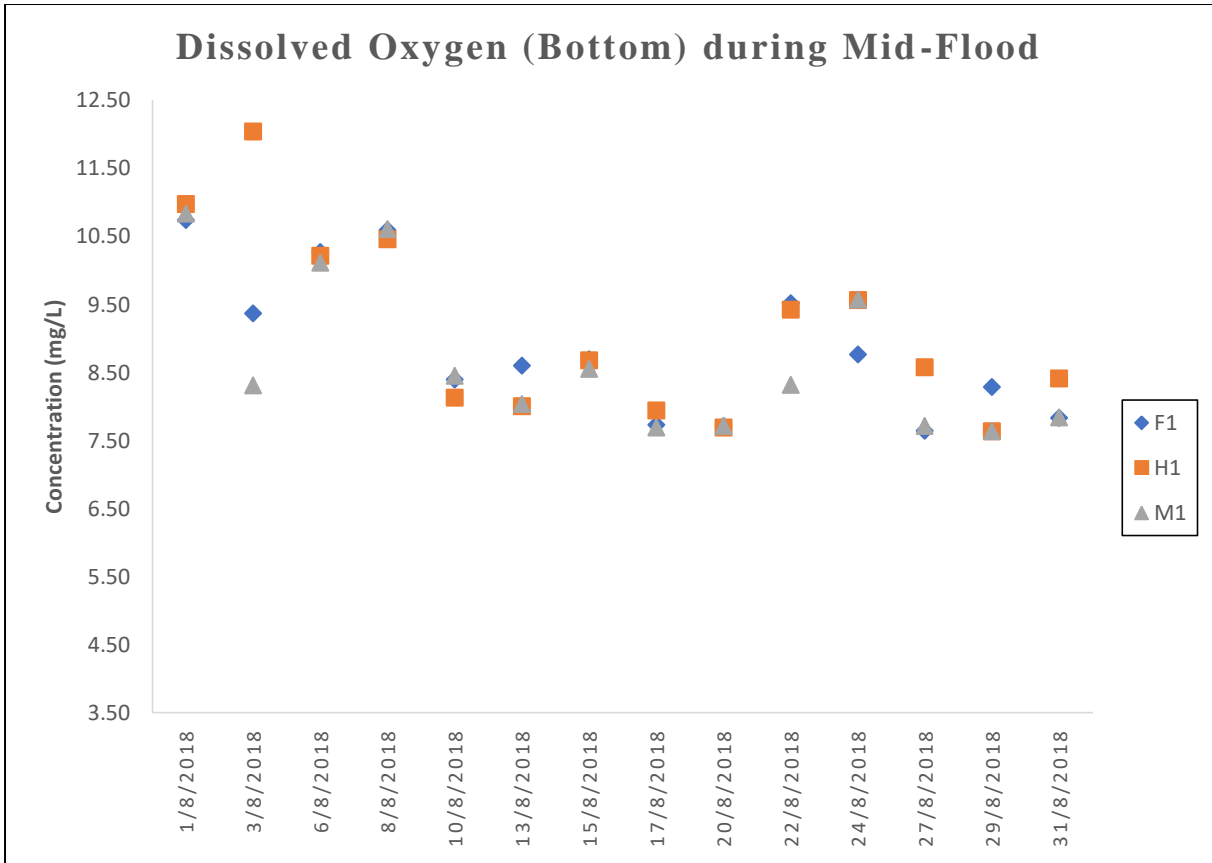
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



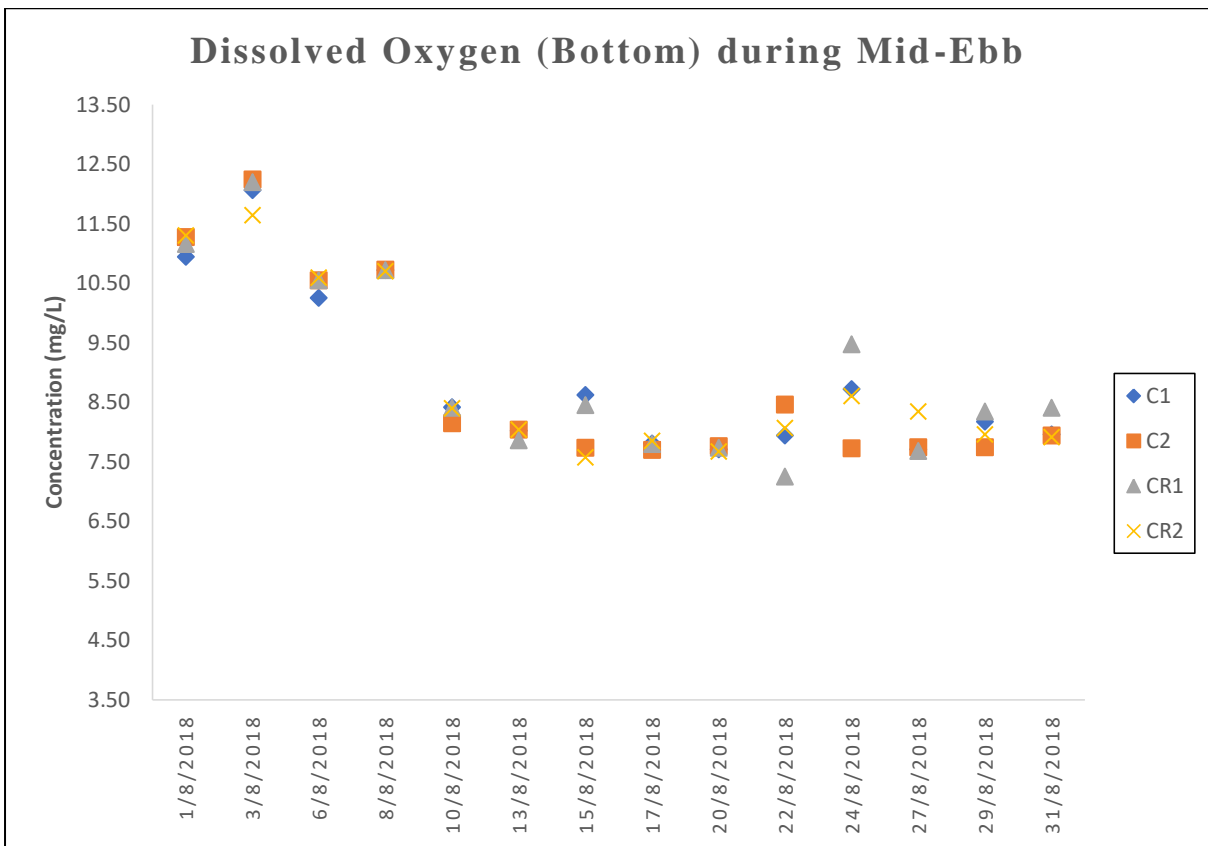
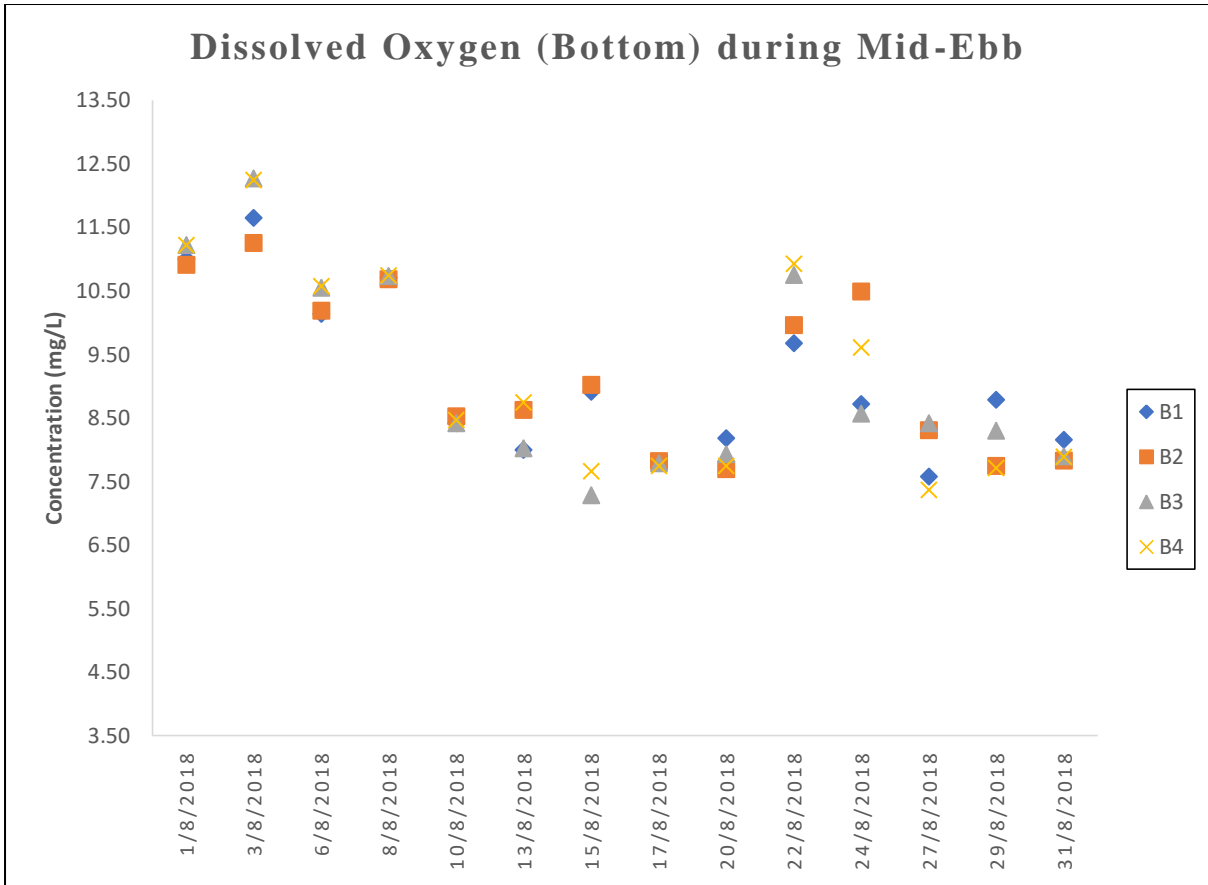
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



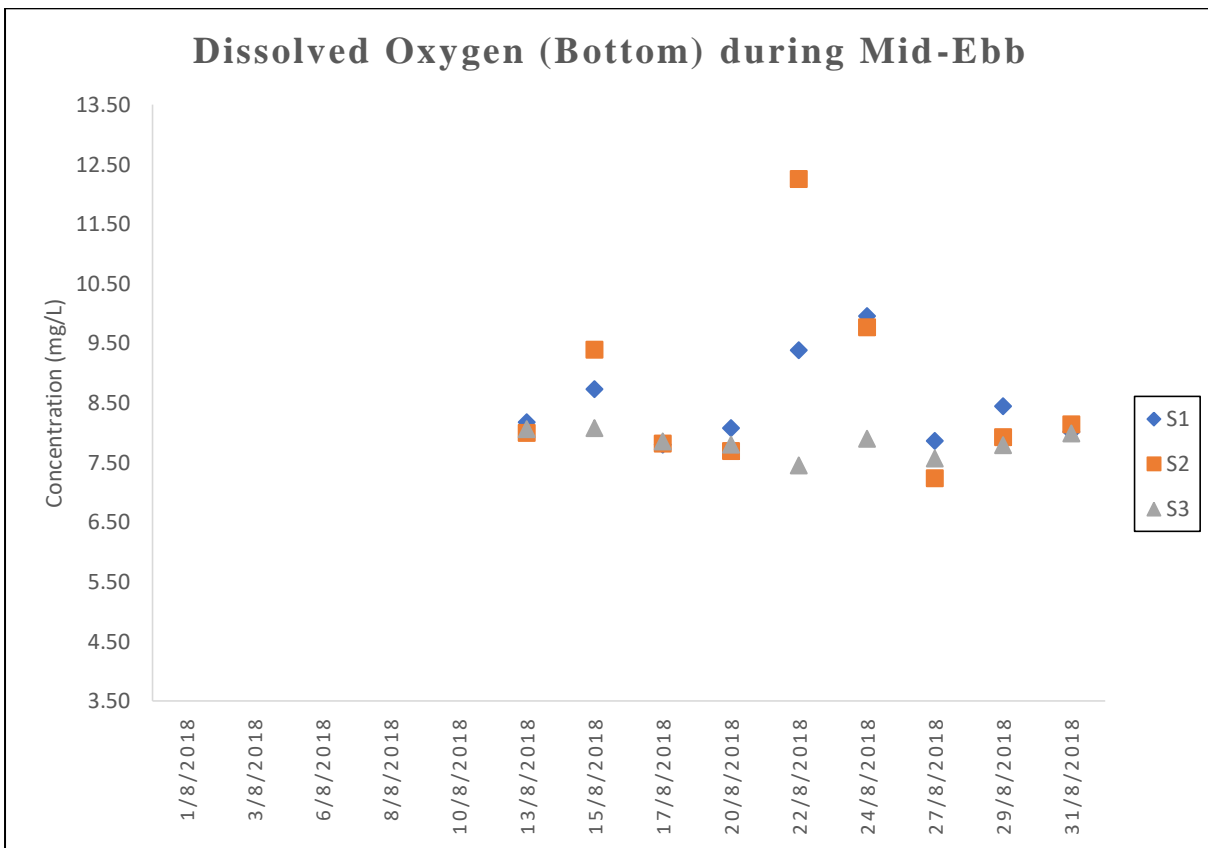
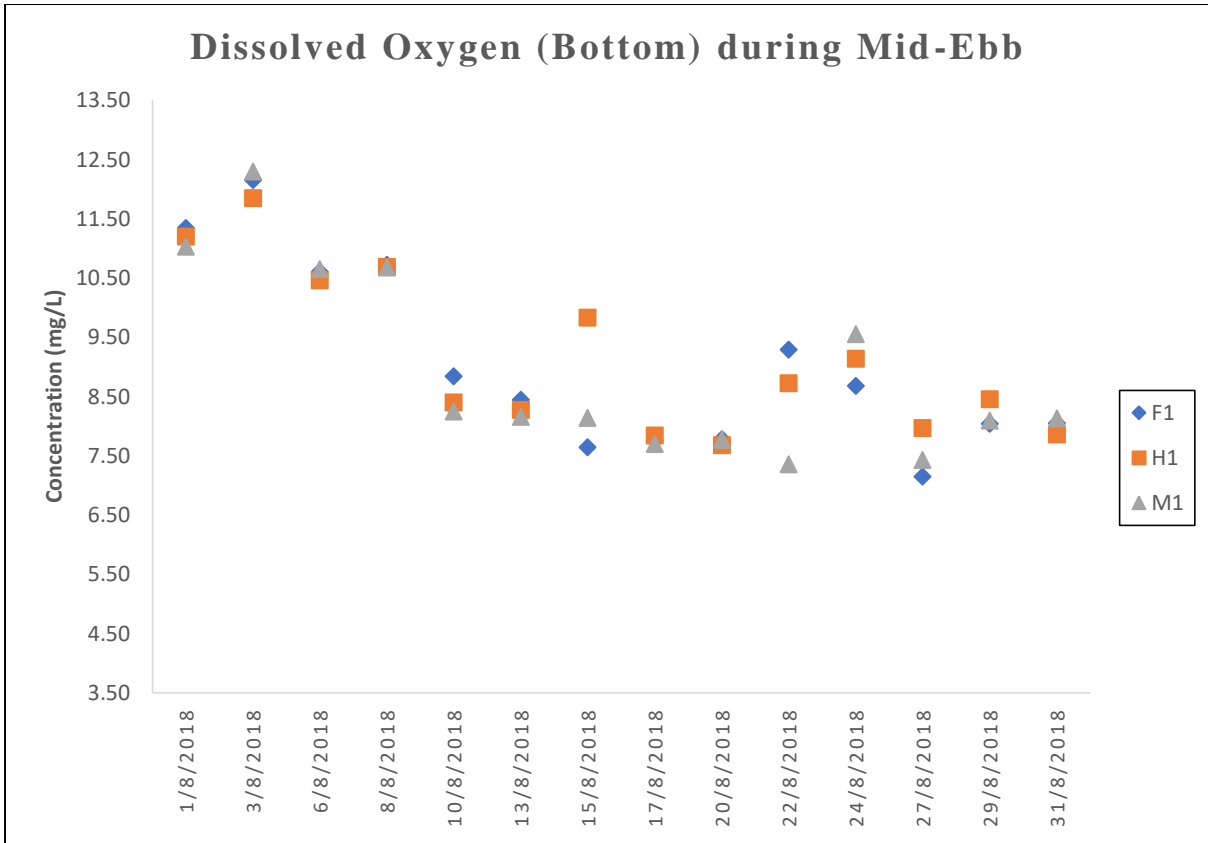
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



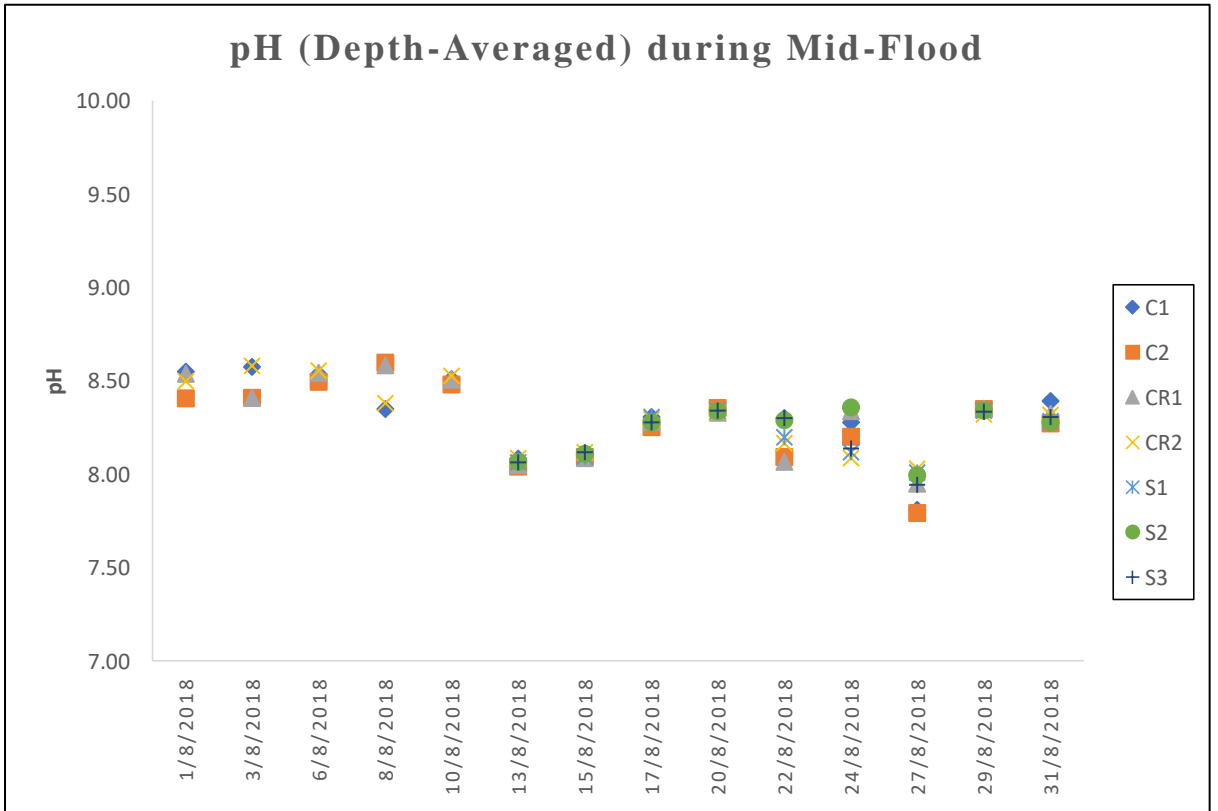
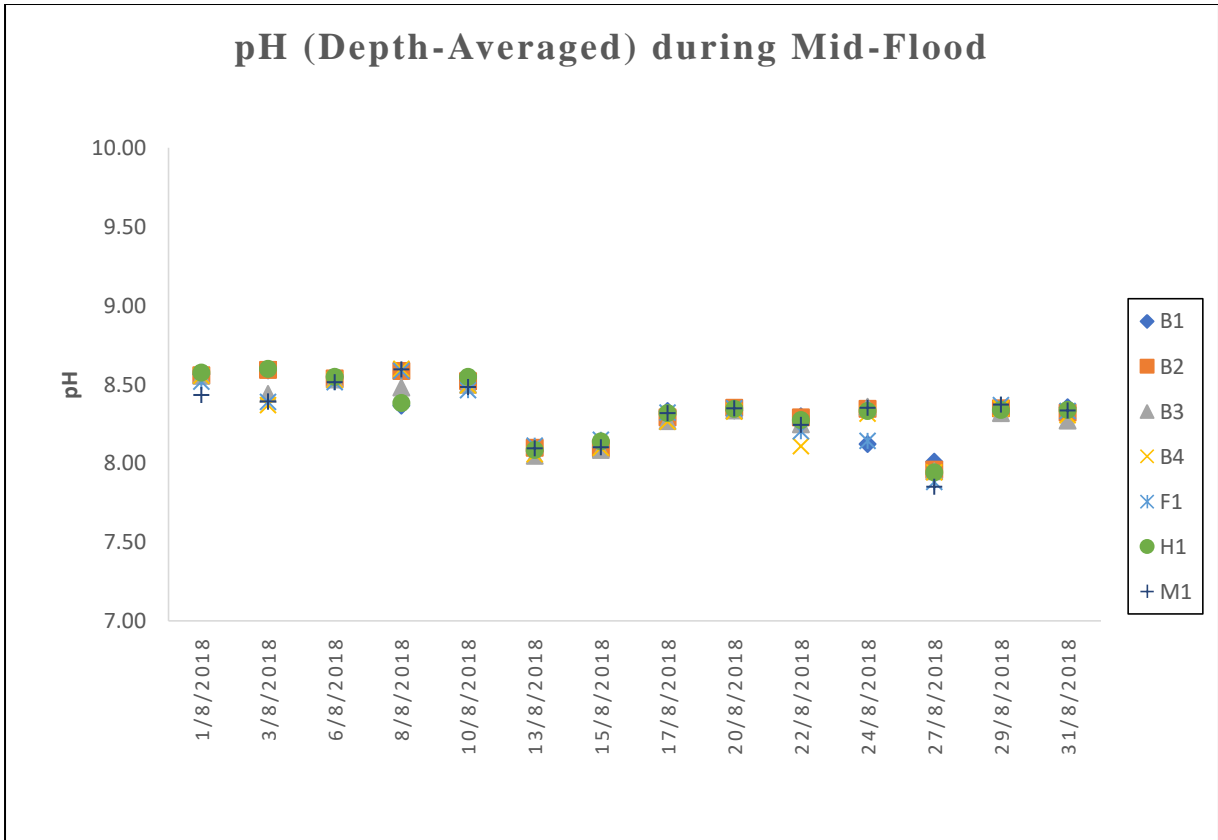
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



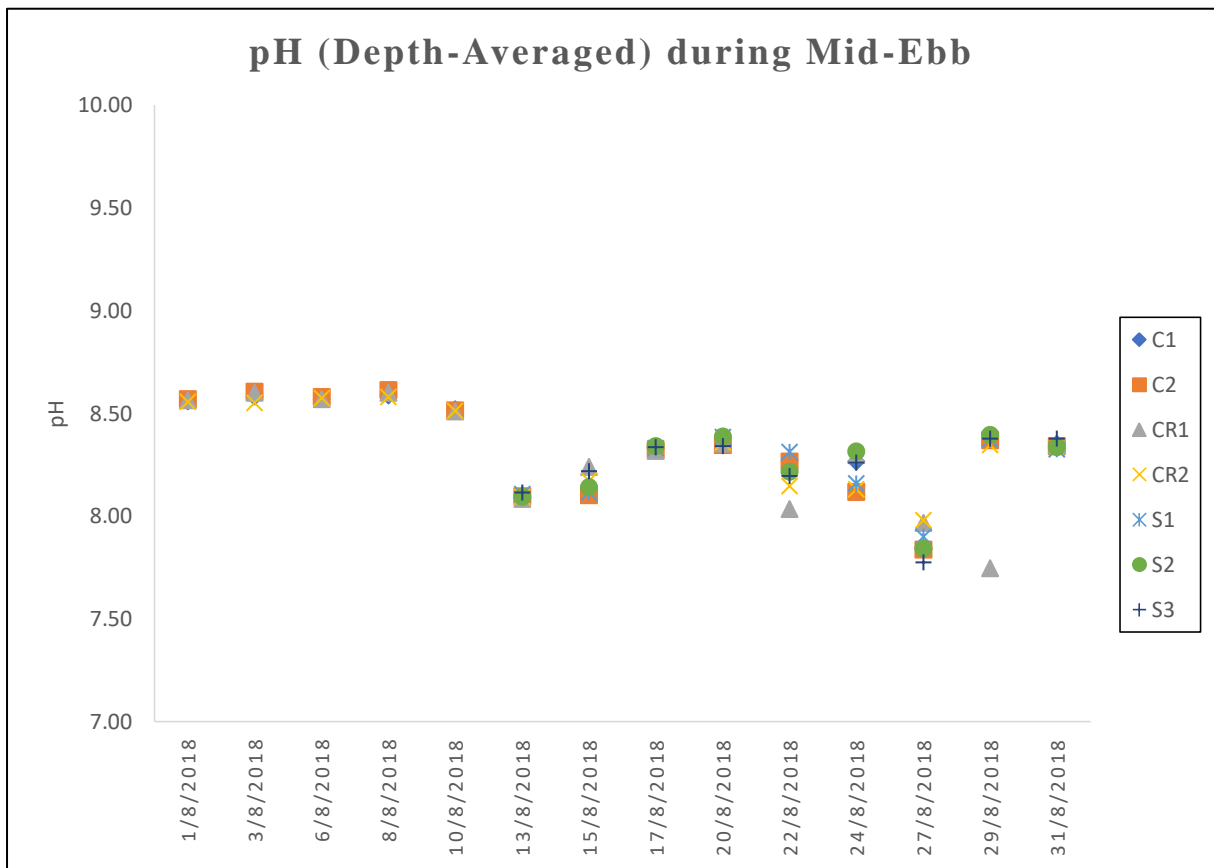
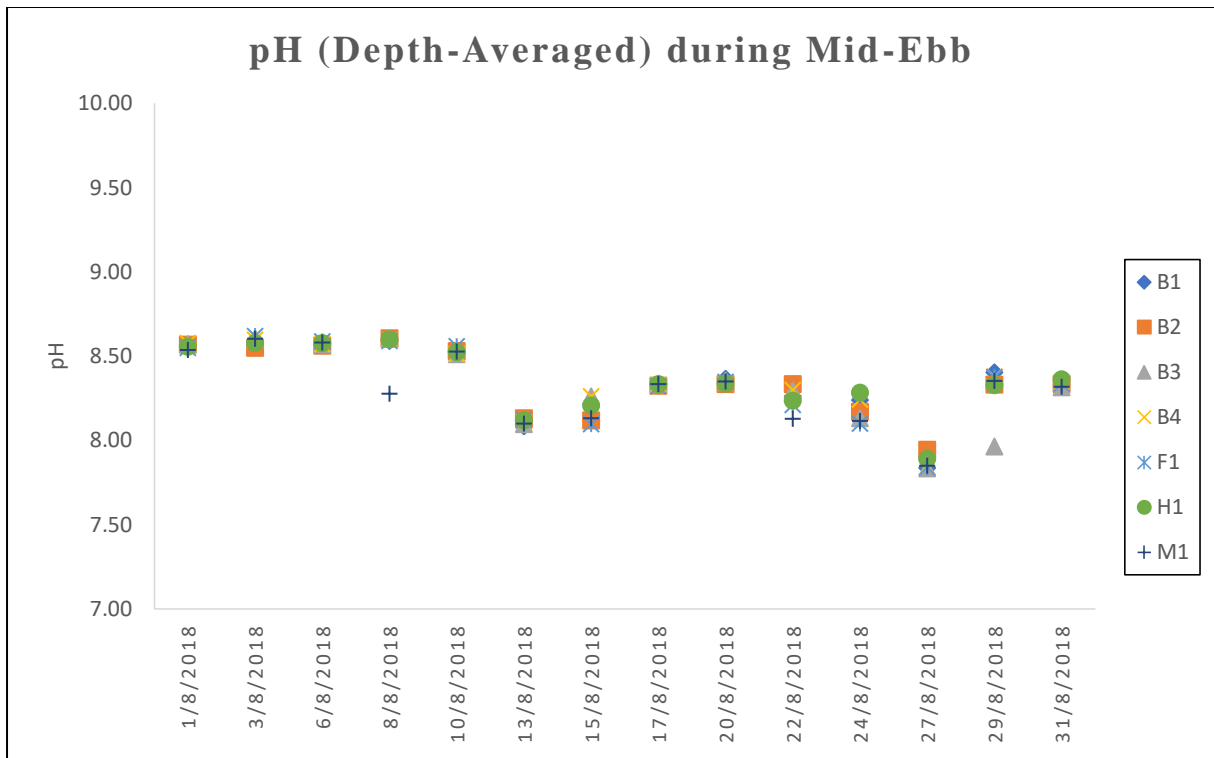
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



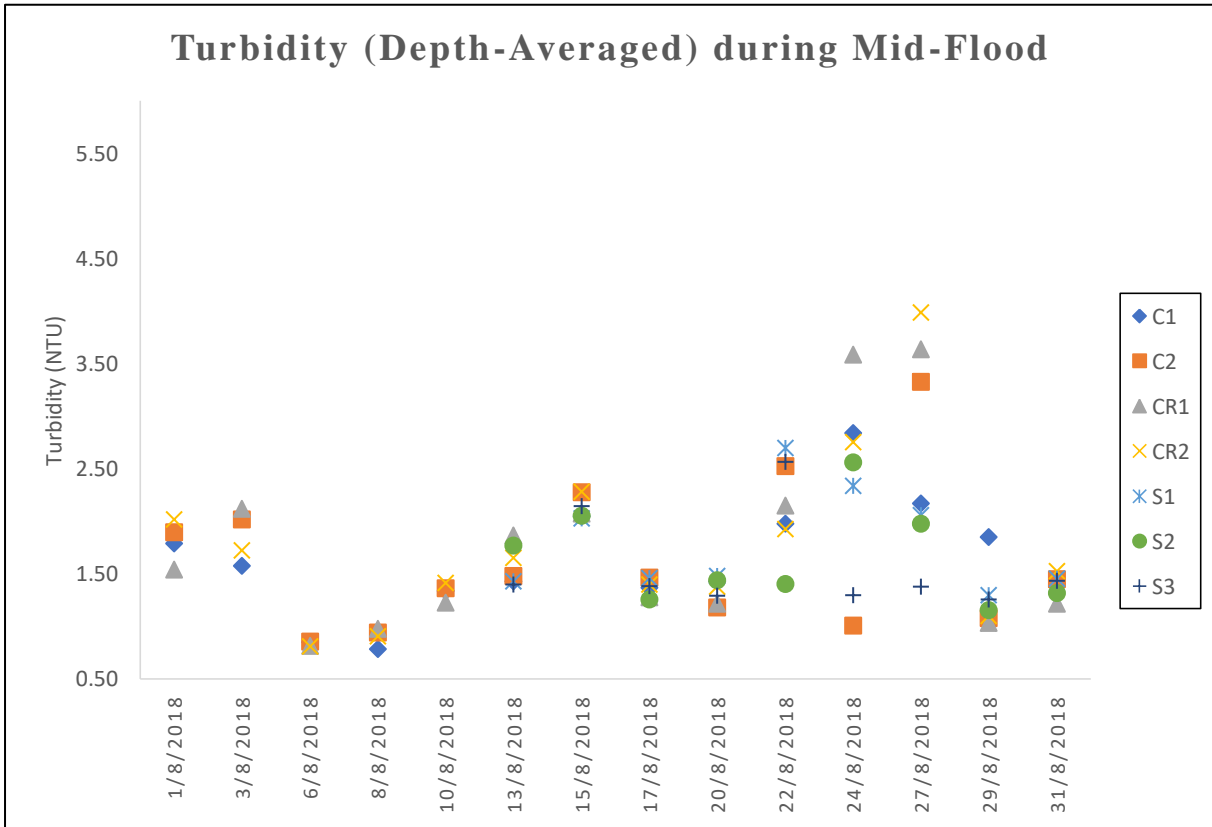
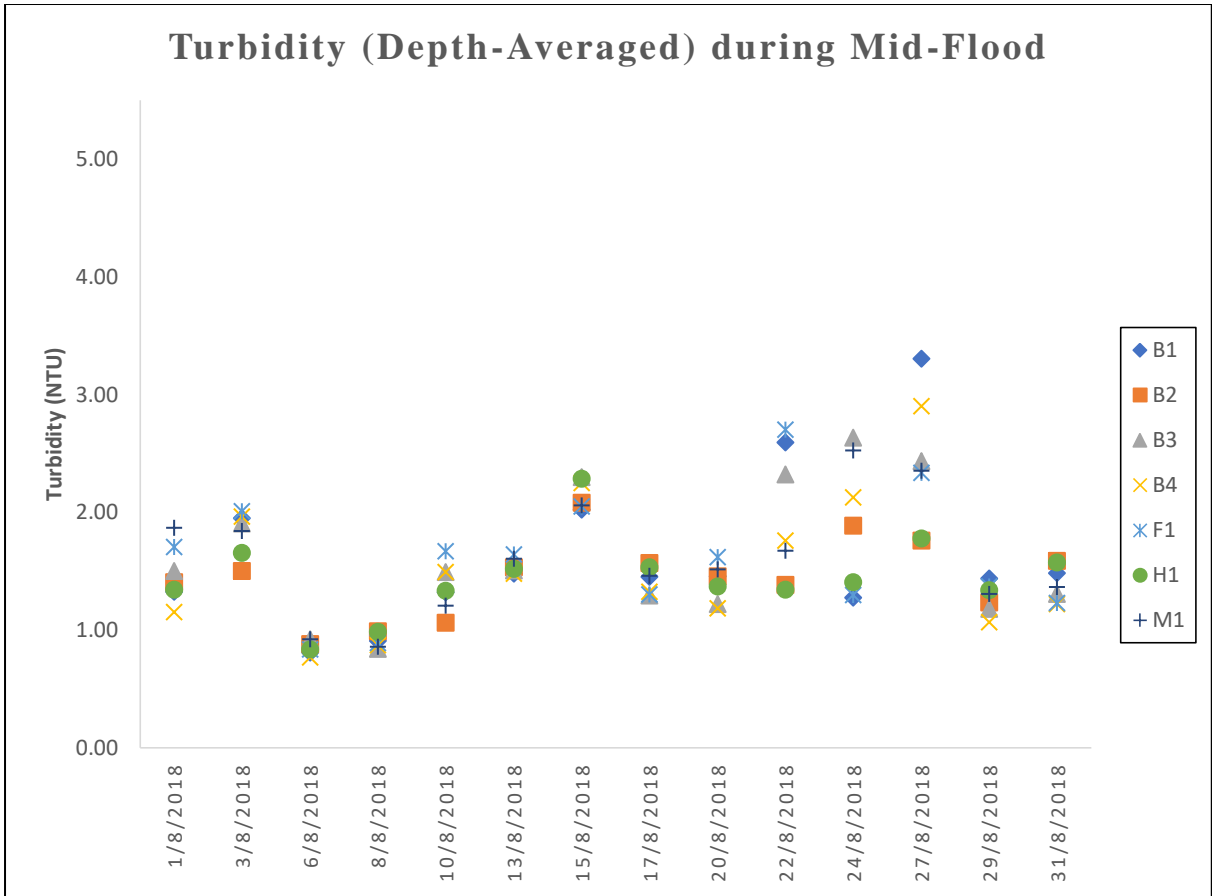
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



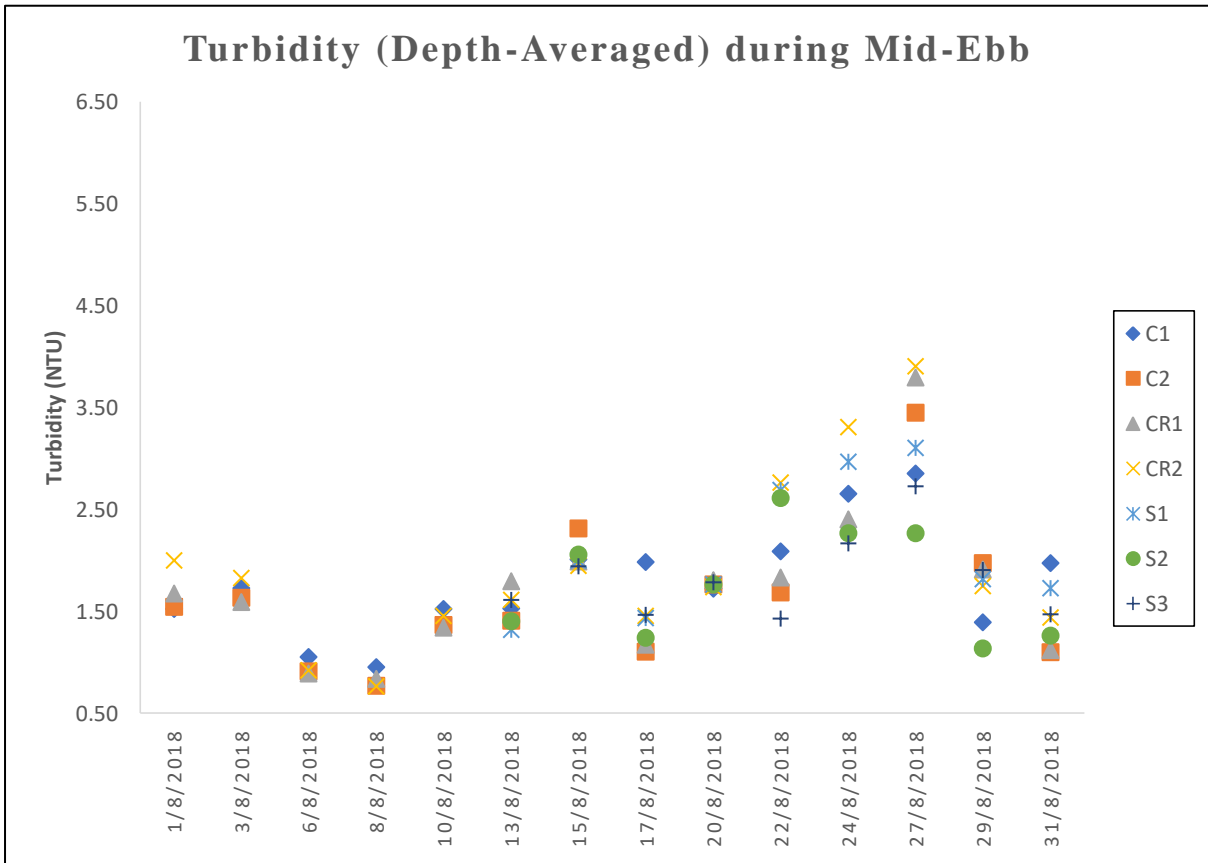
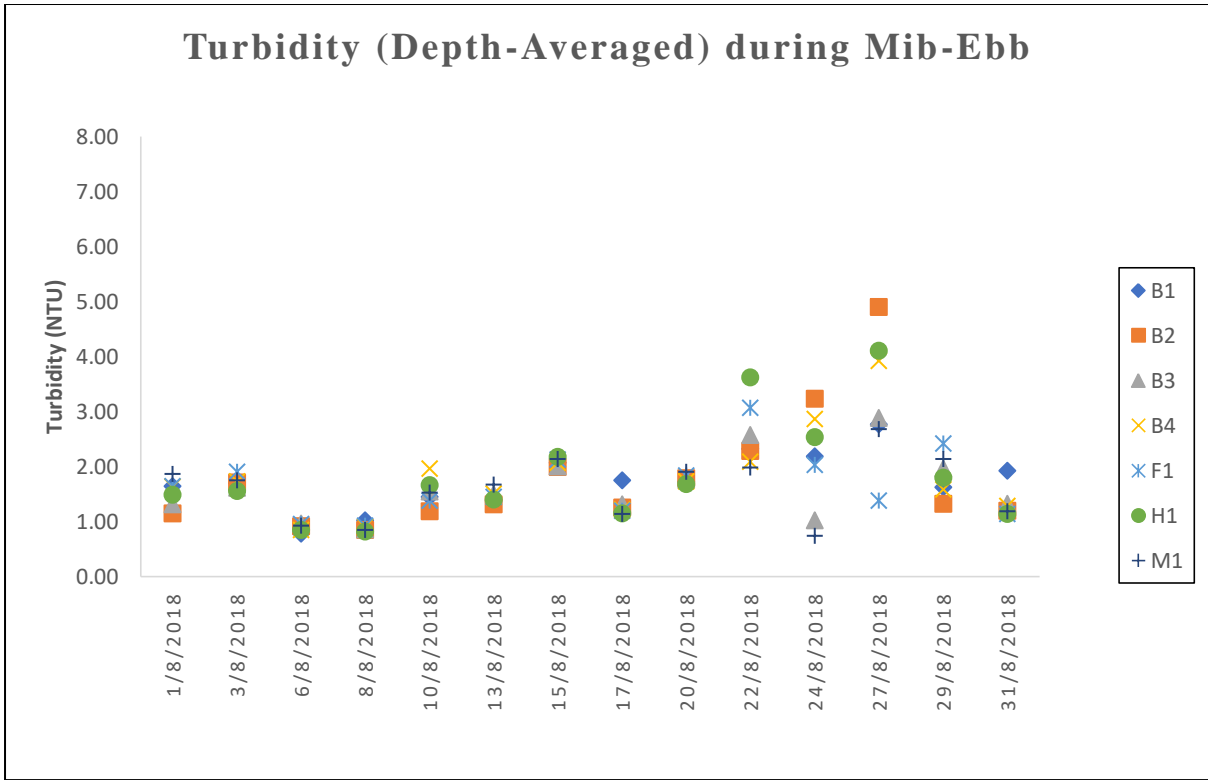
Note: The Action and Limit Level of pH can be referred to **Table 2.7** of the monthly EM & A report.



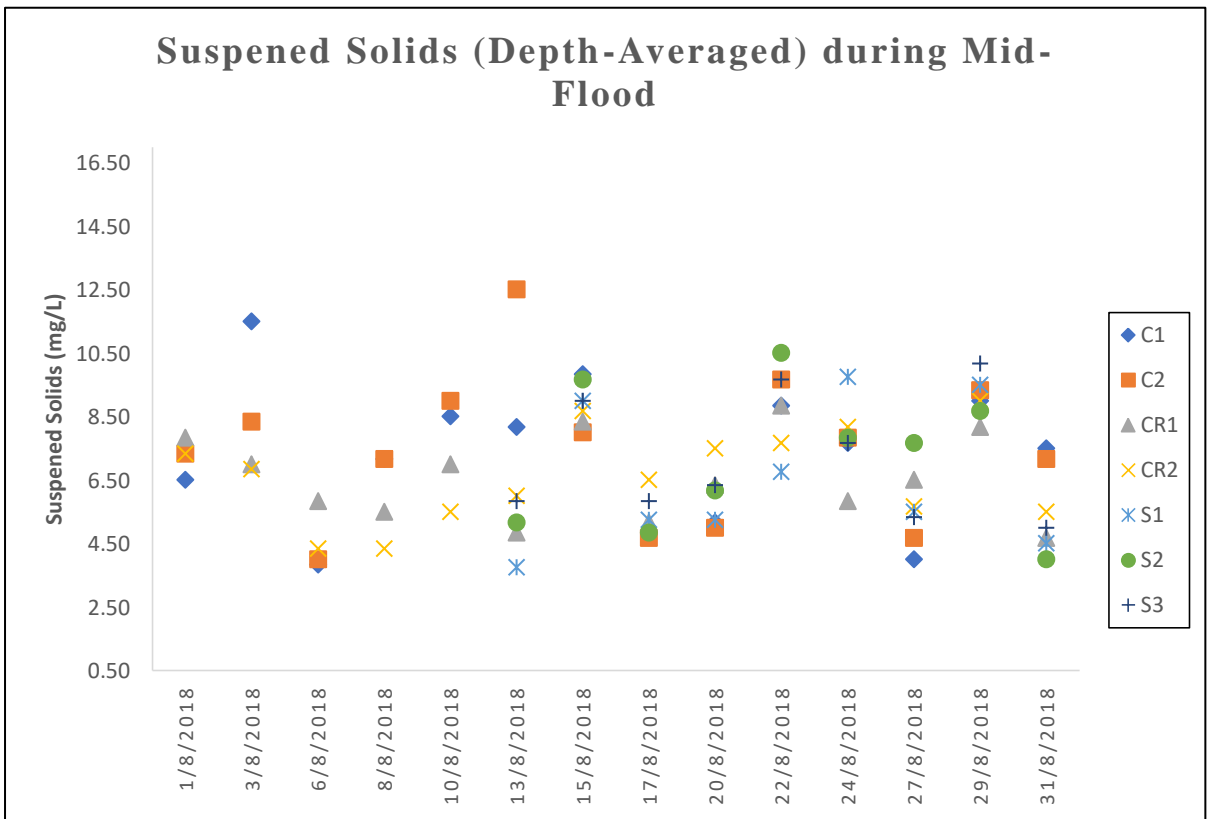
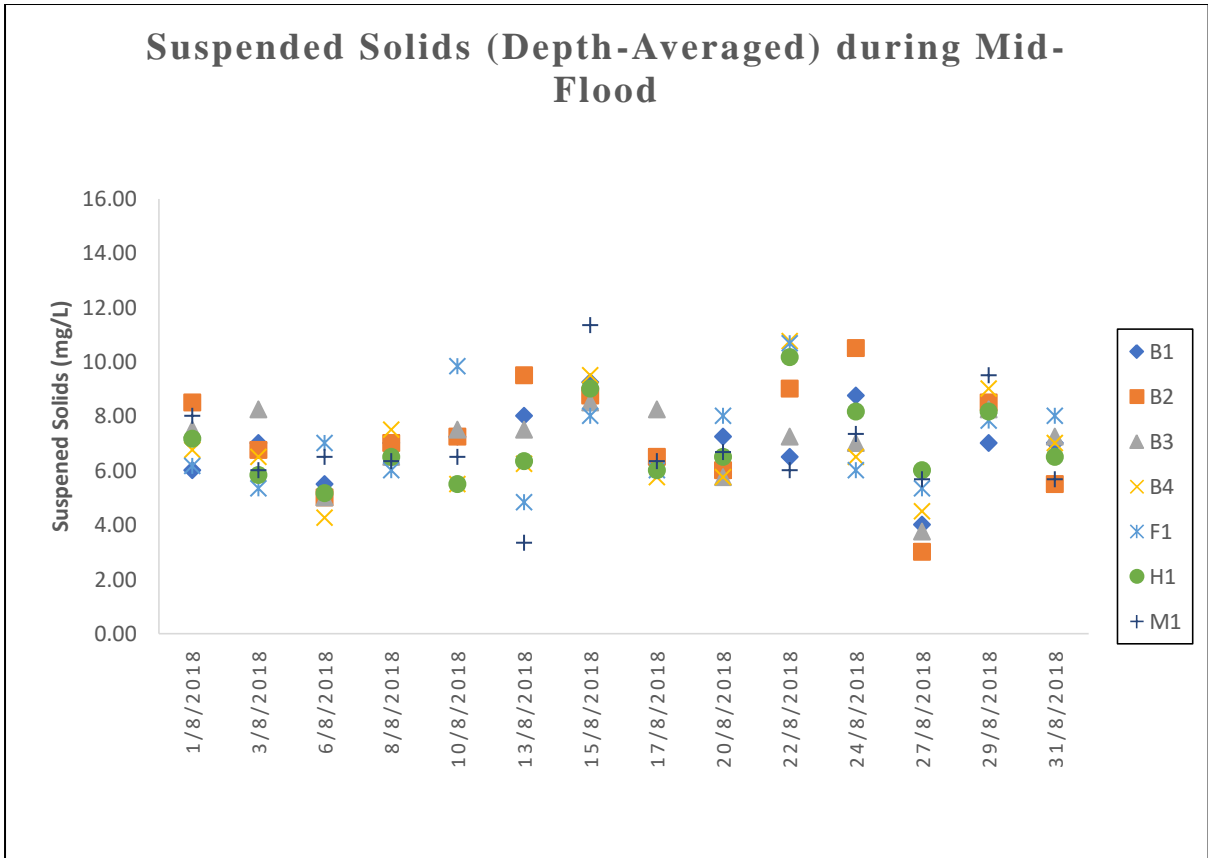
Note: The Action and Limit Level of pH can be referred to **Table 2.7** of the monthly EM & A report.



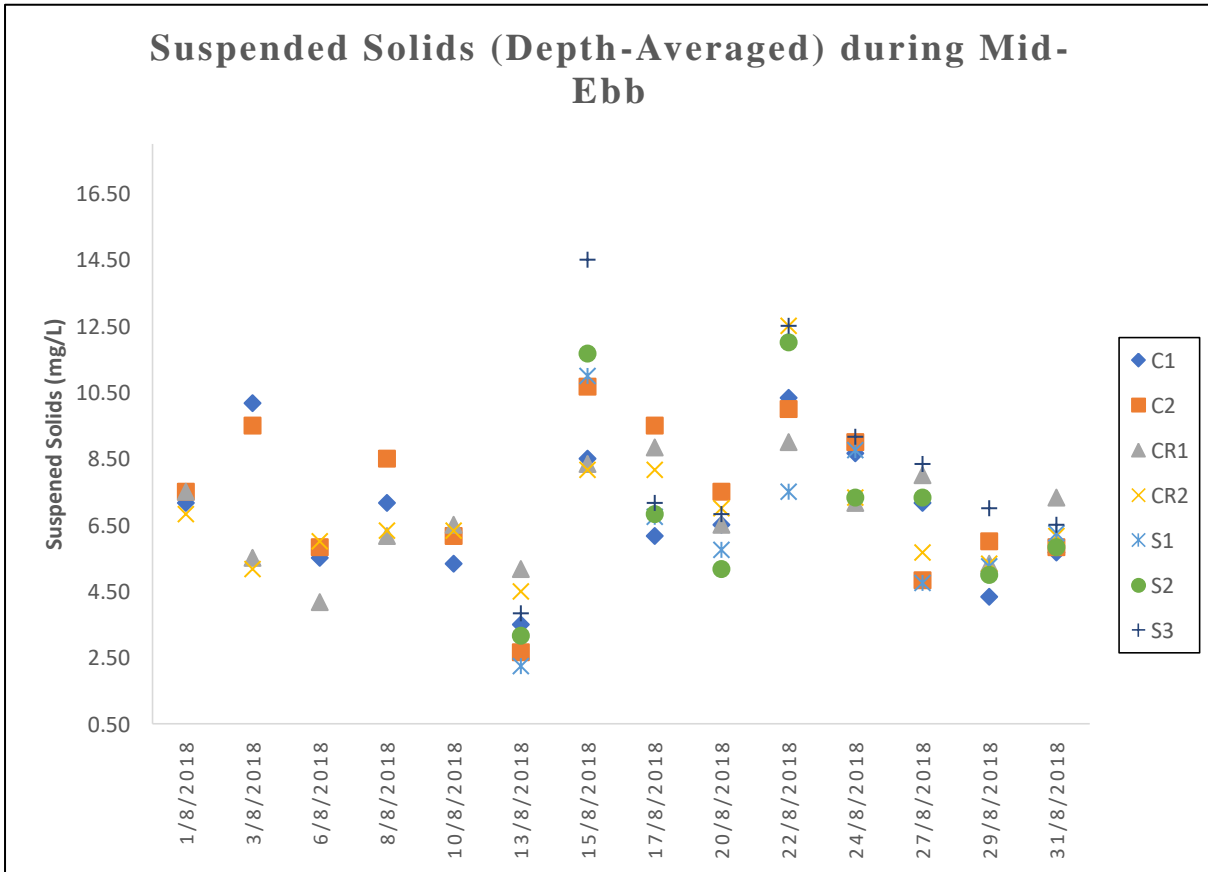
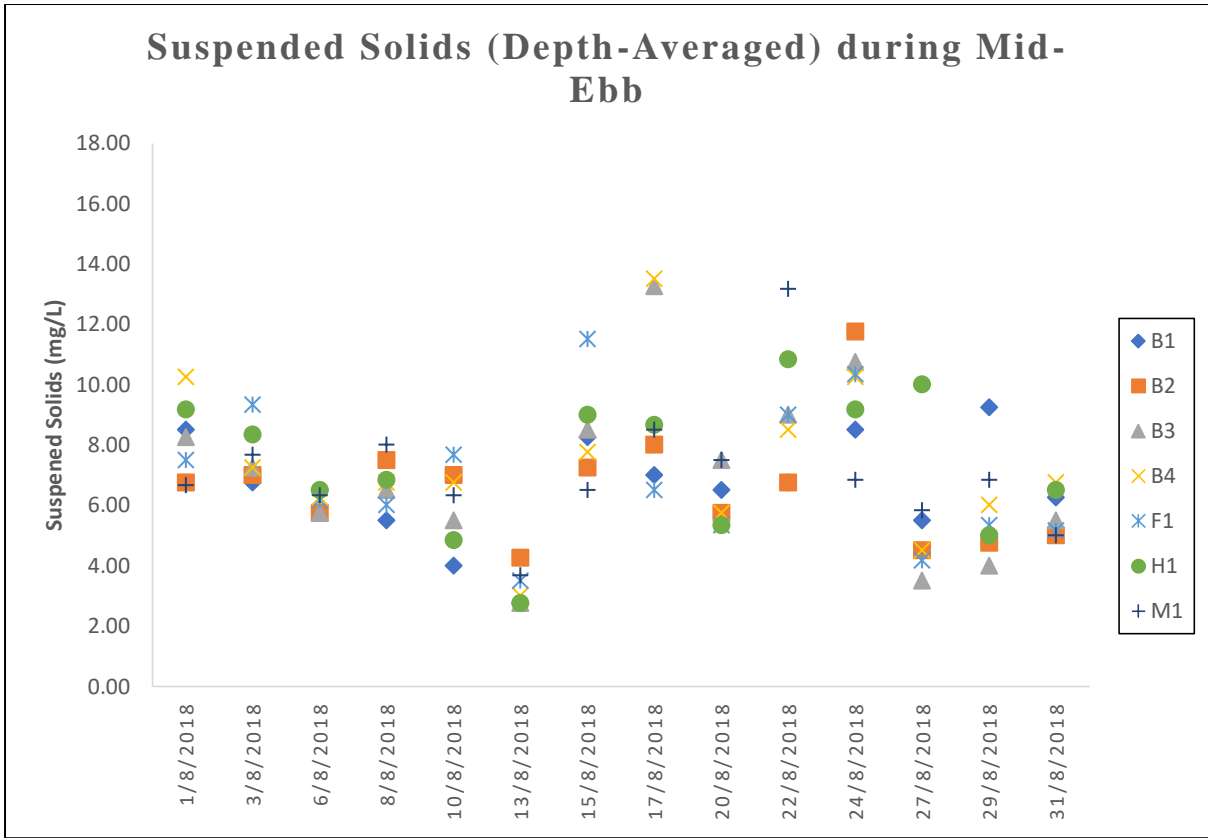
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



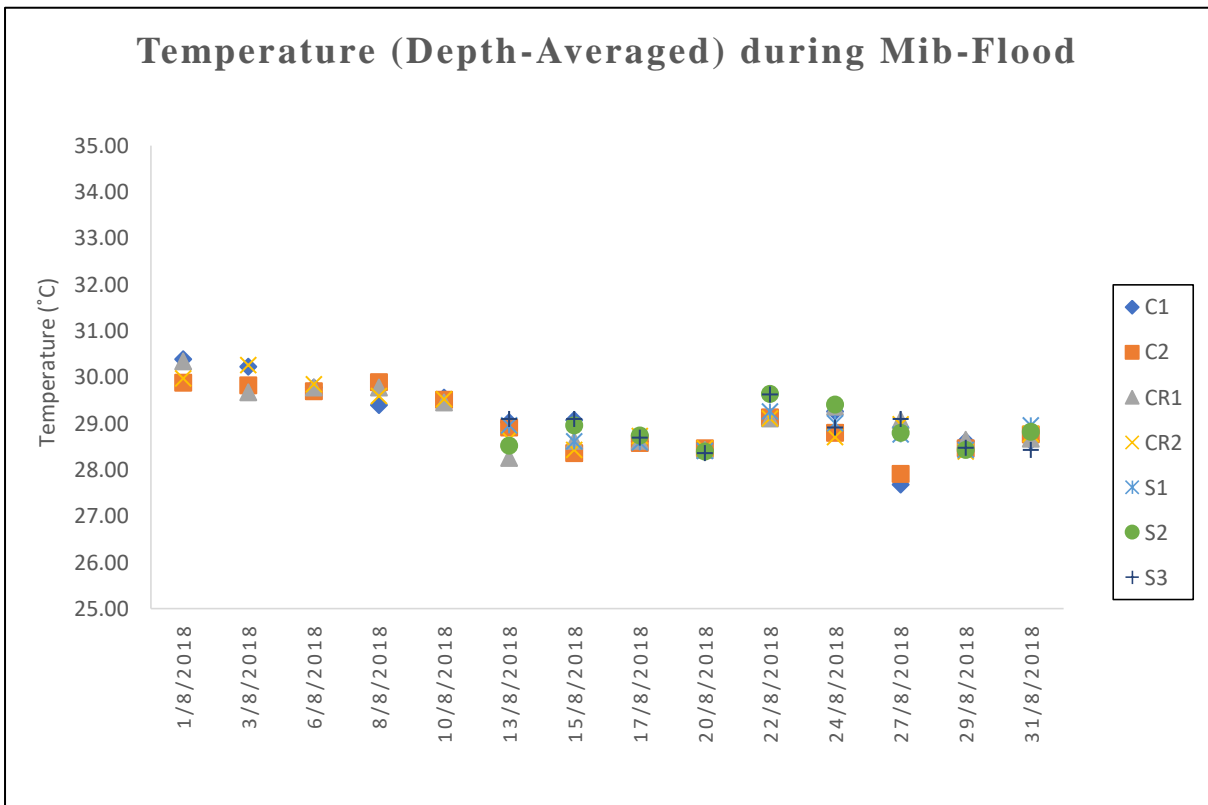
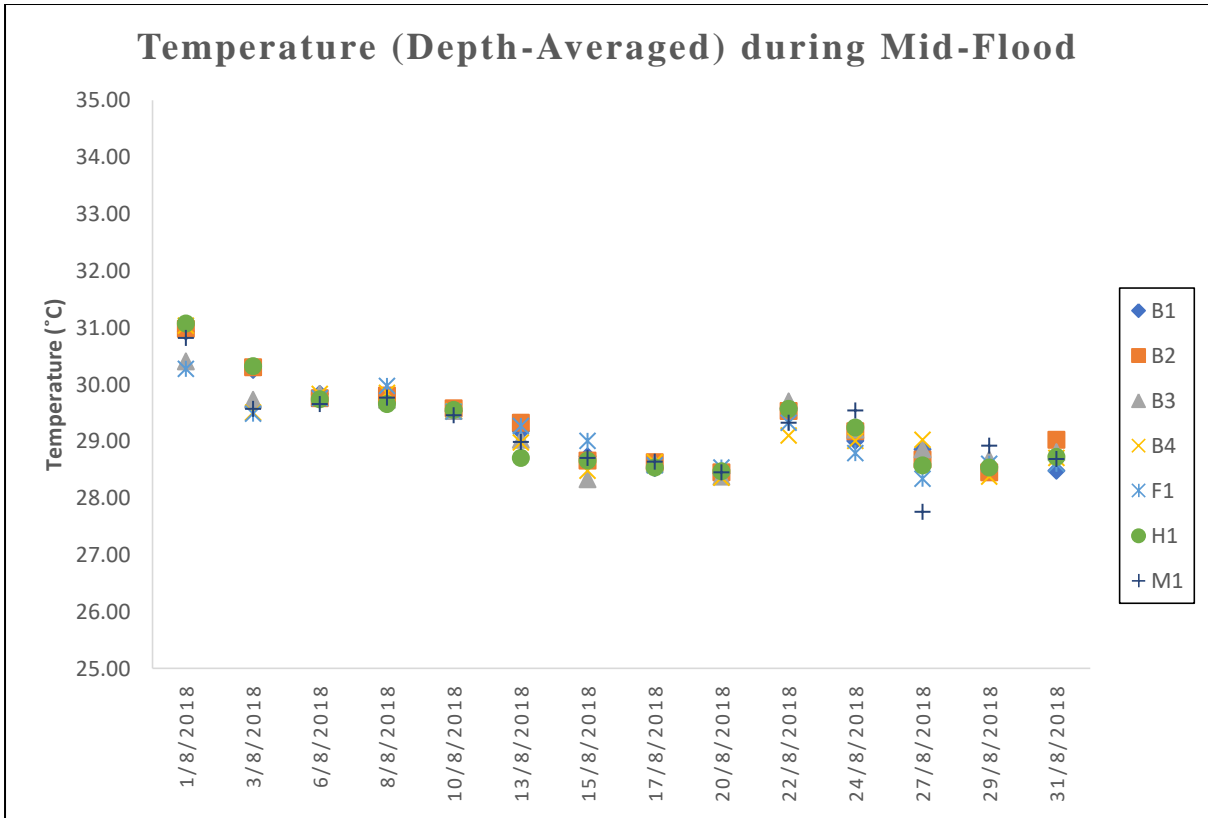
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



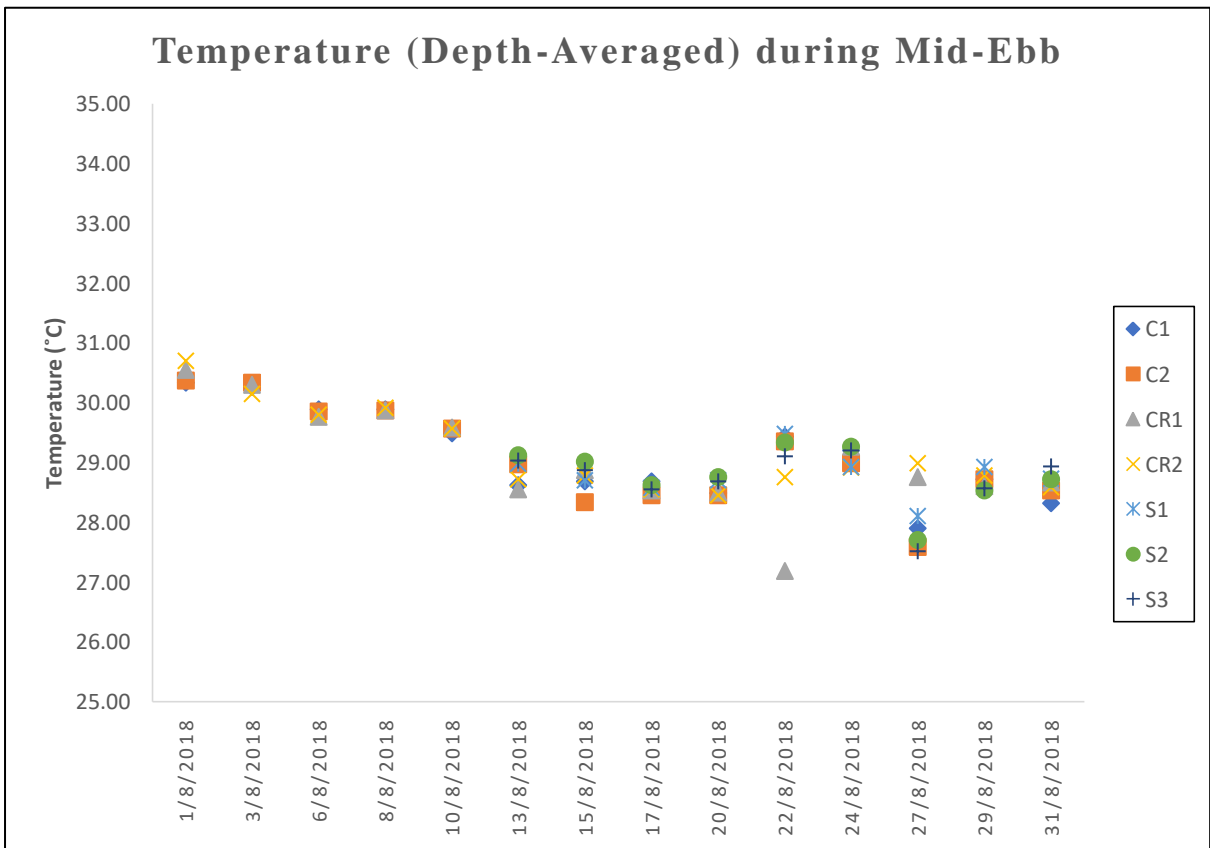
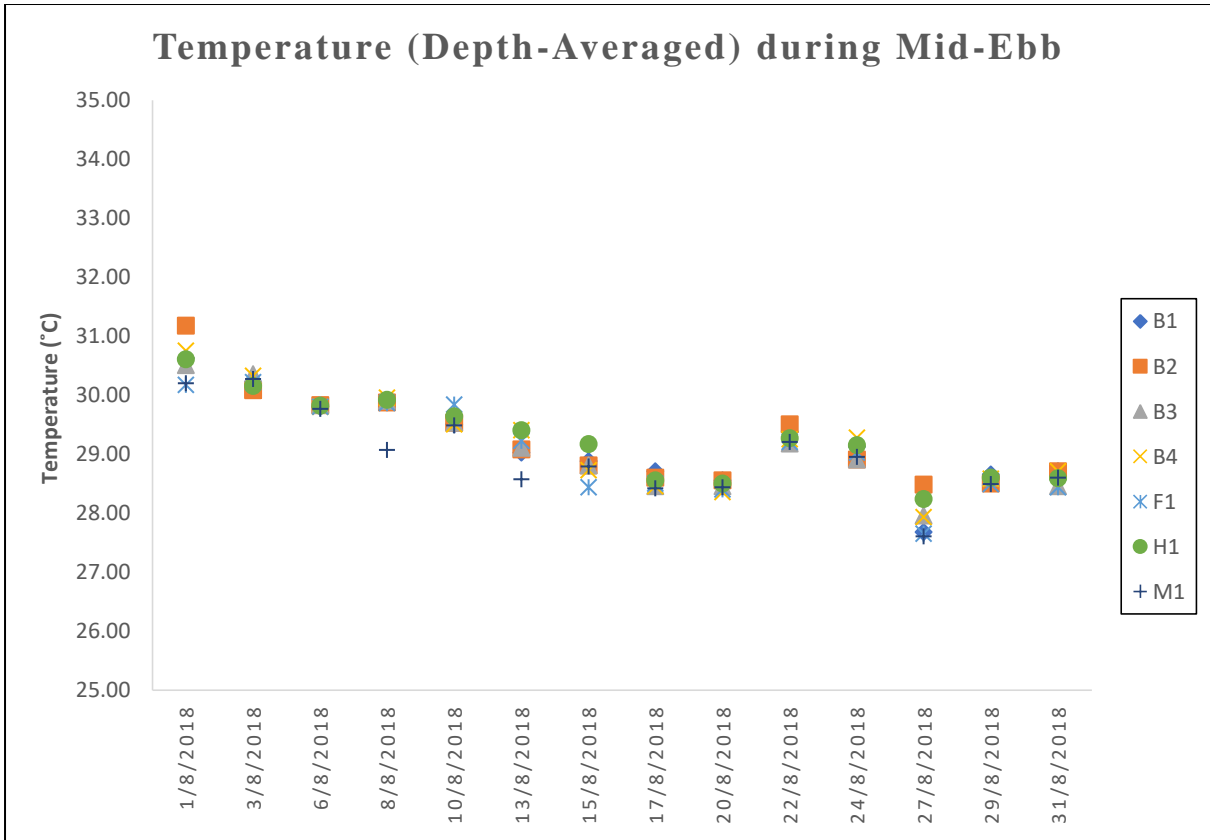
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



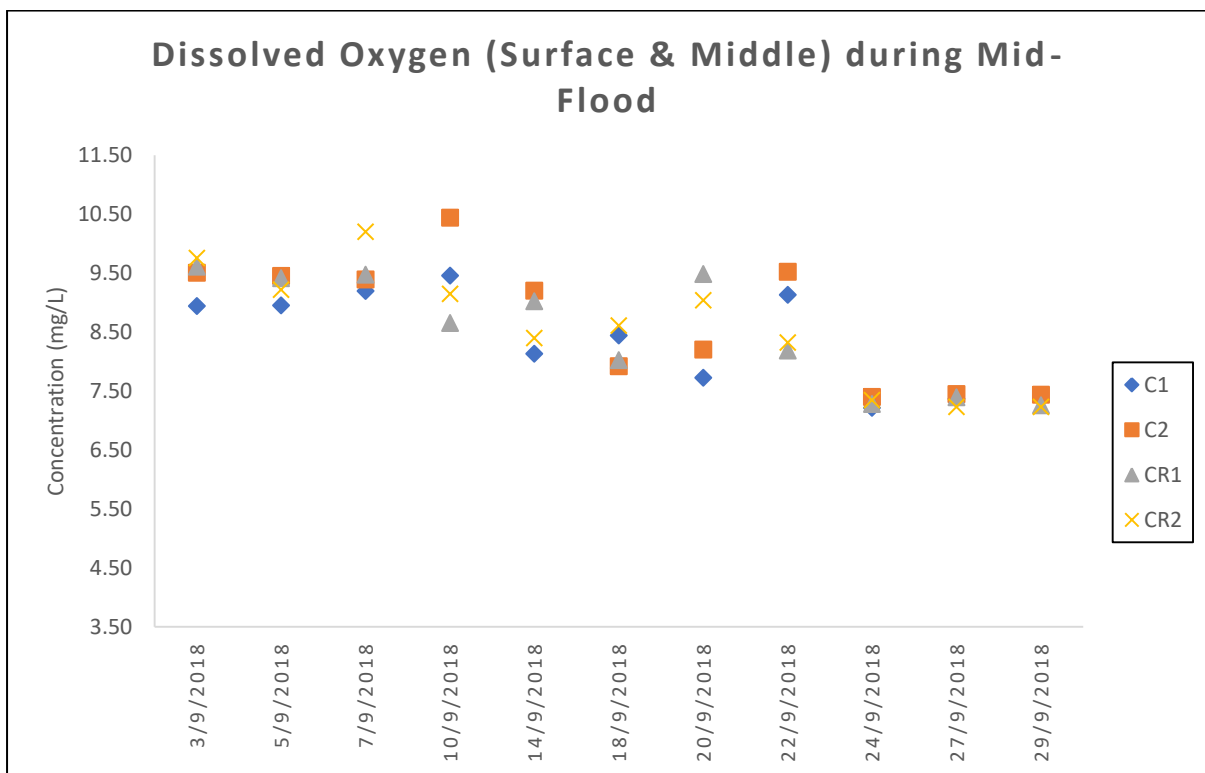
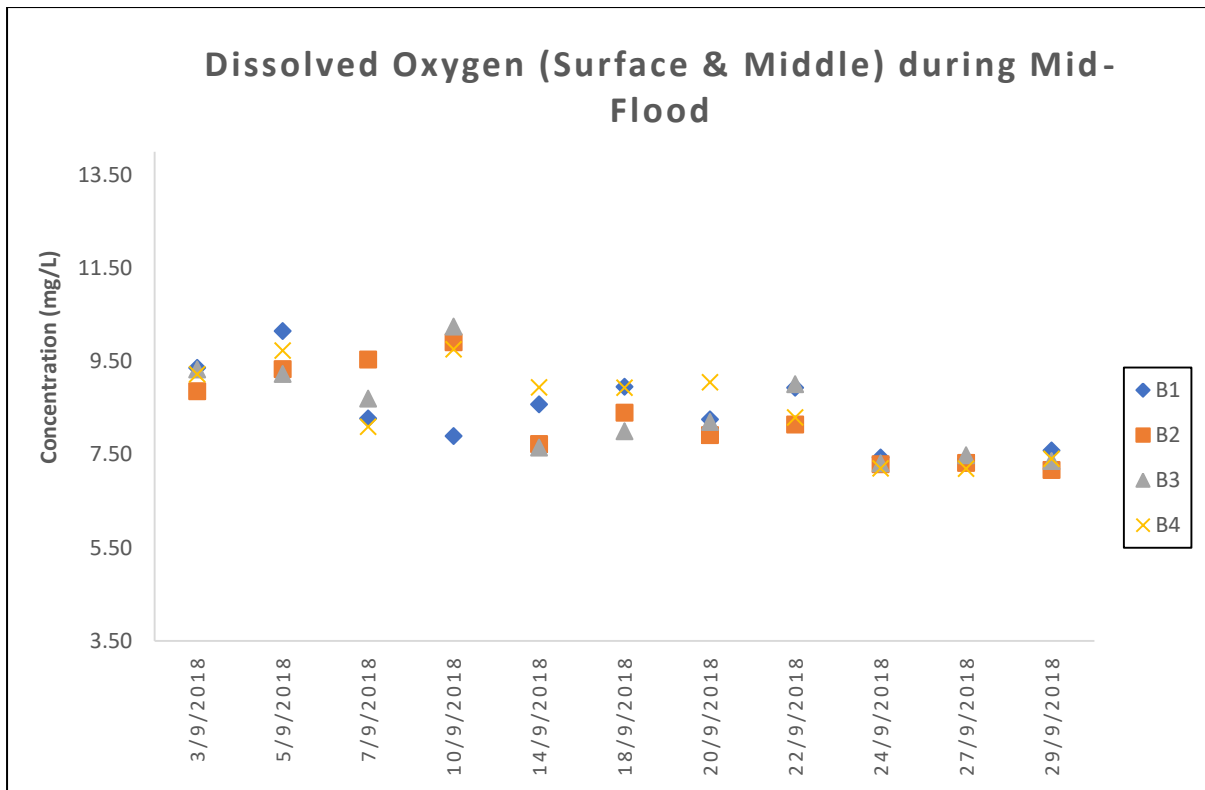
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



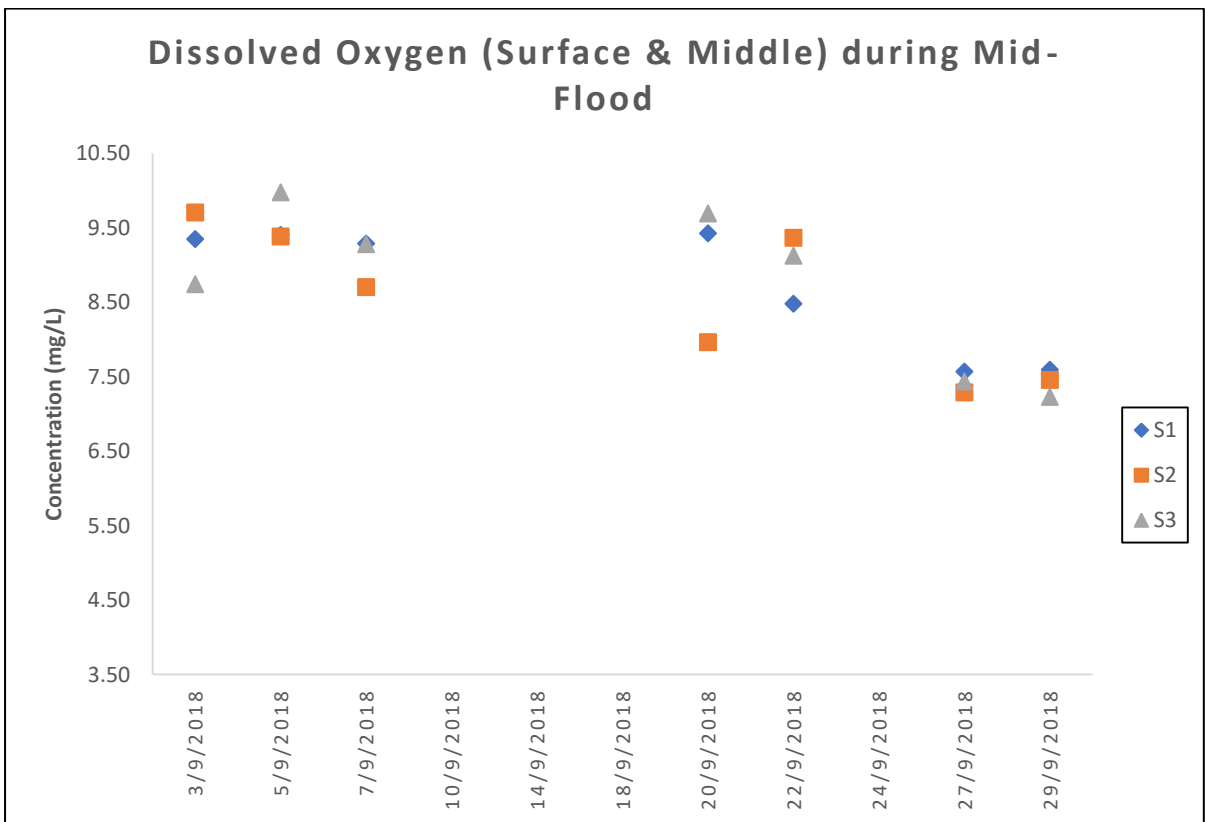
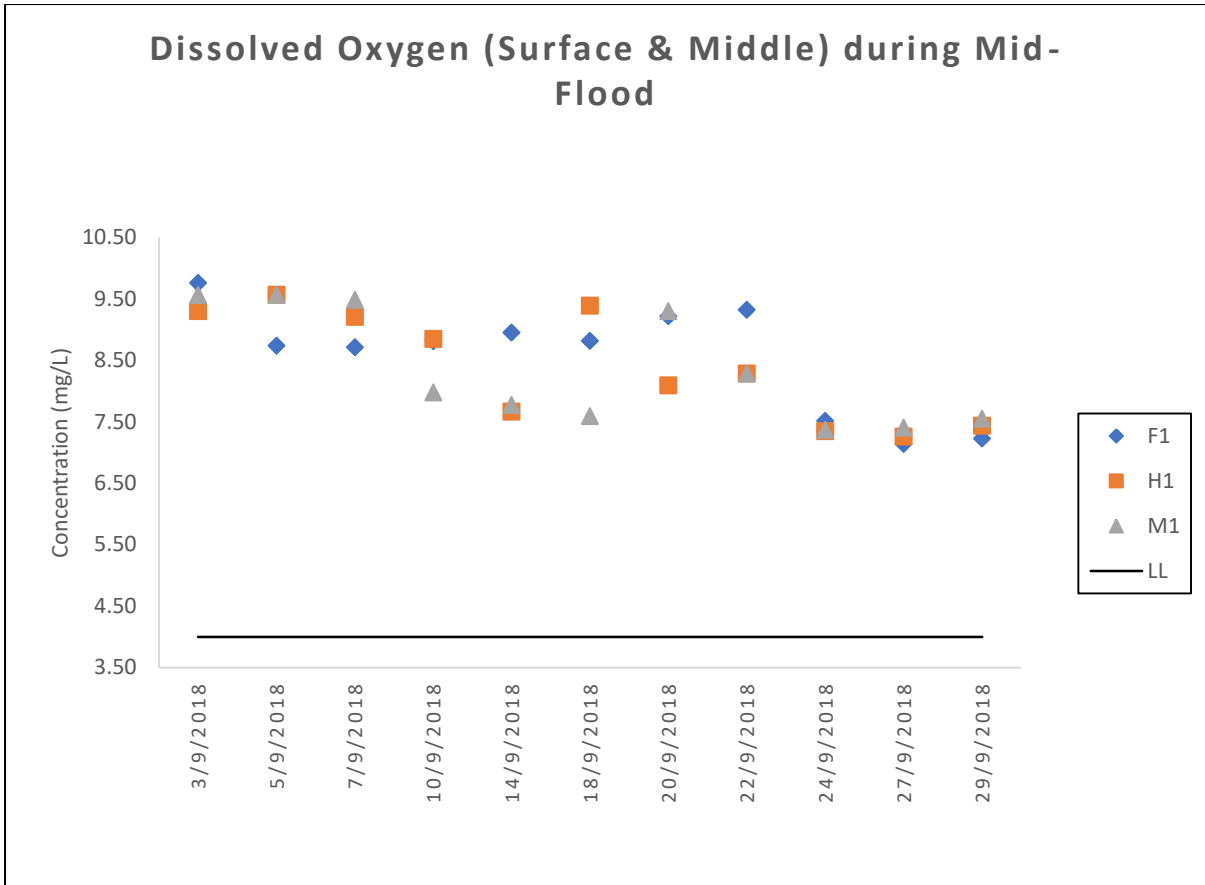
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



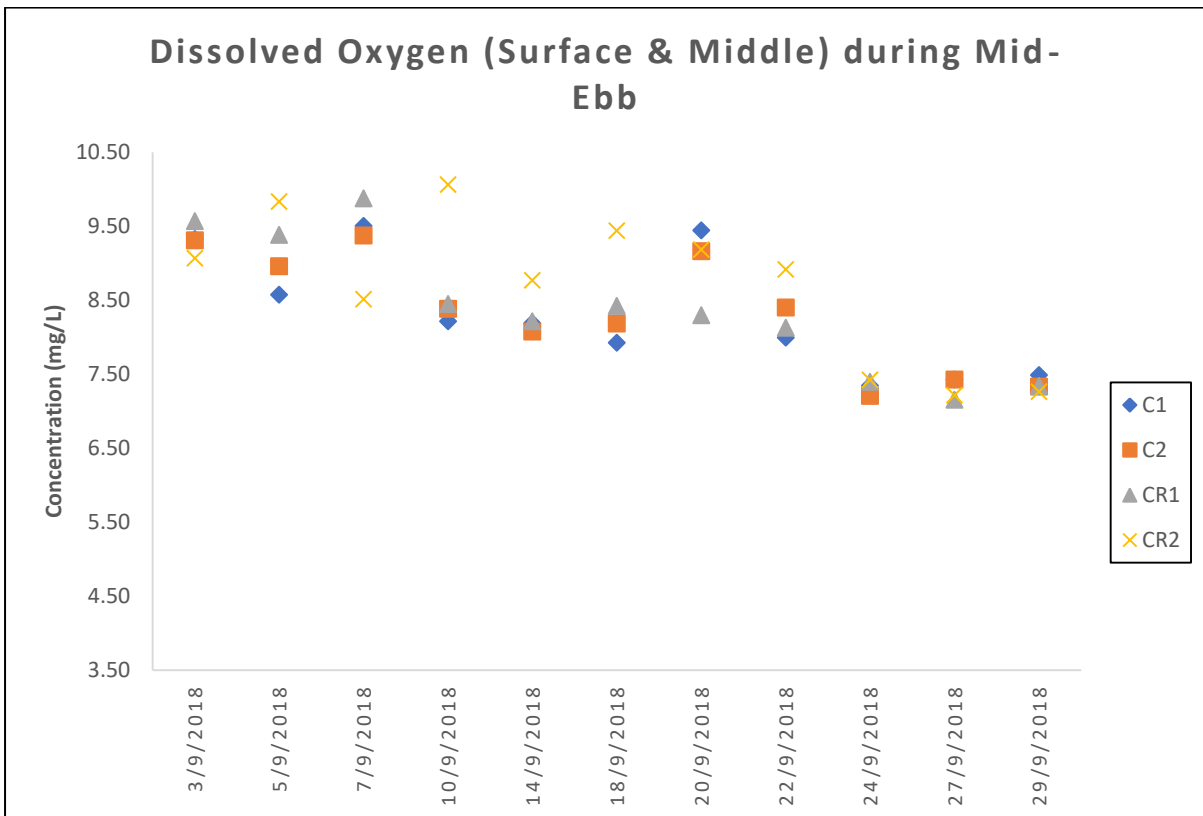
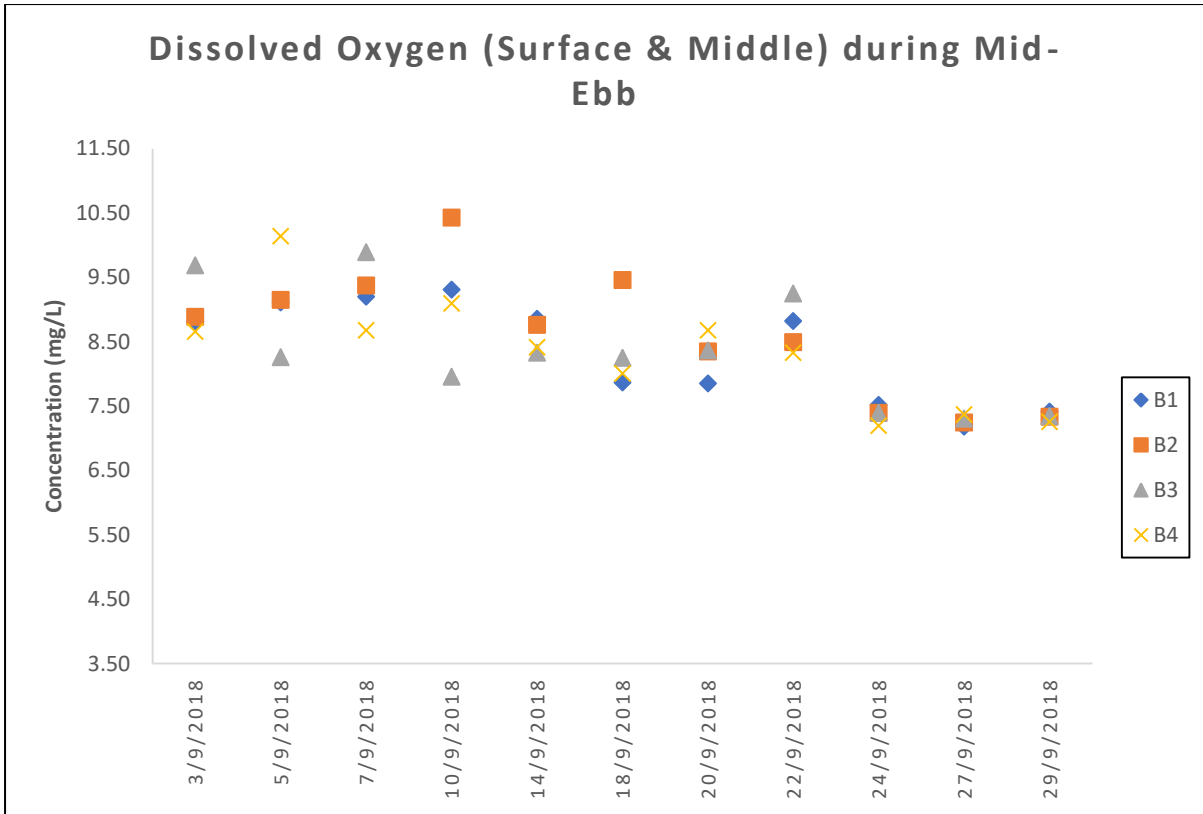
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



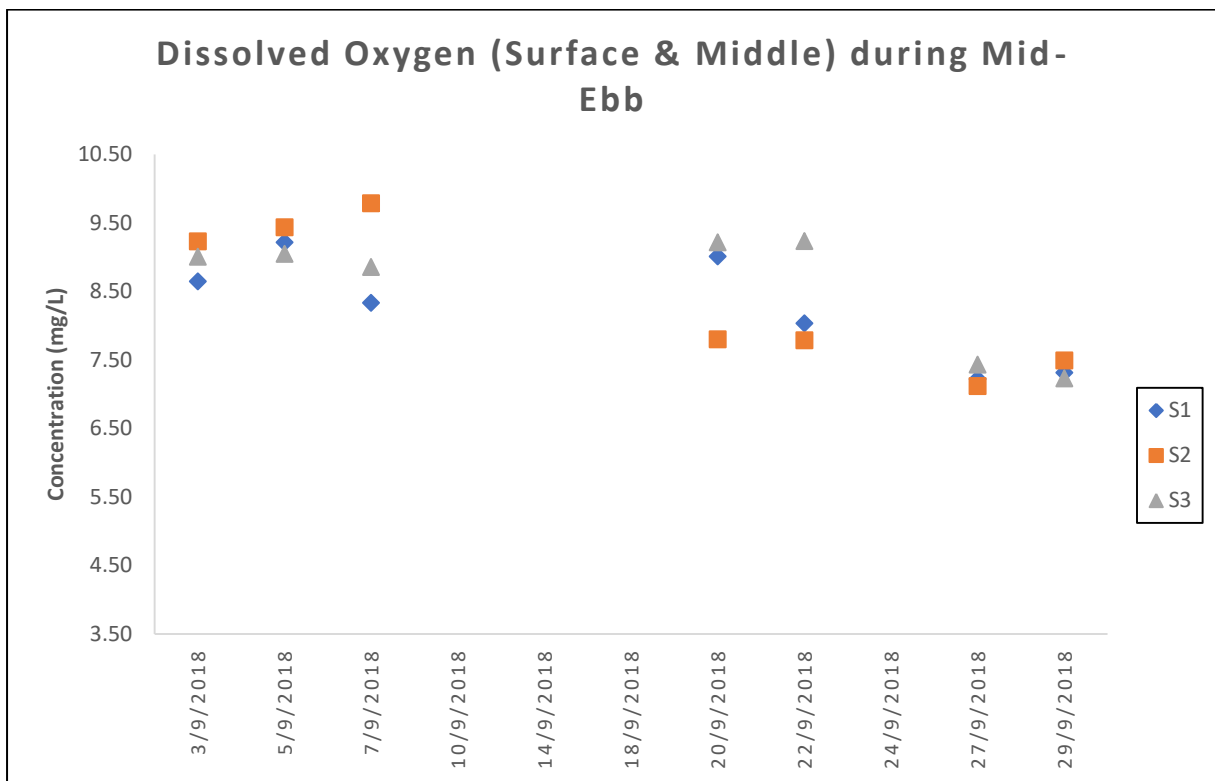
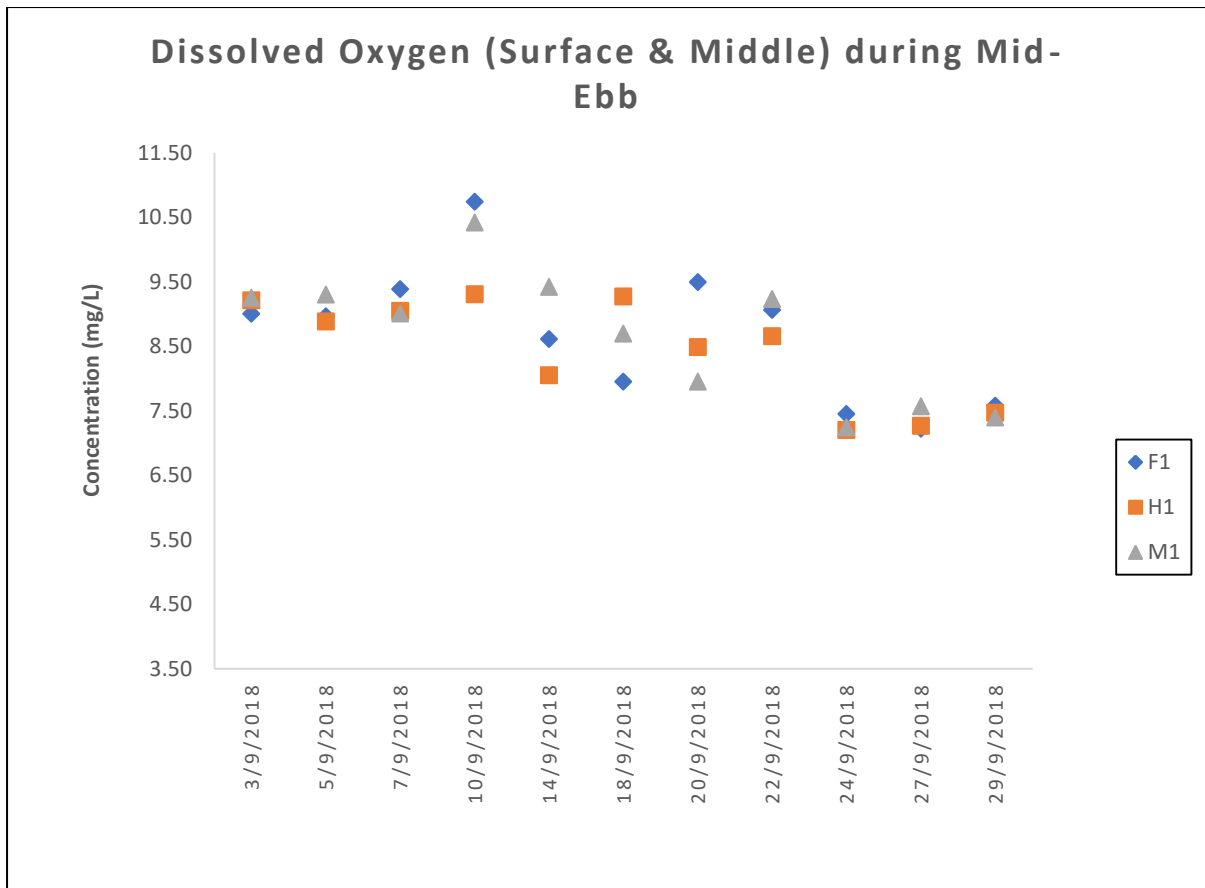
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



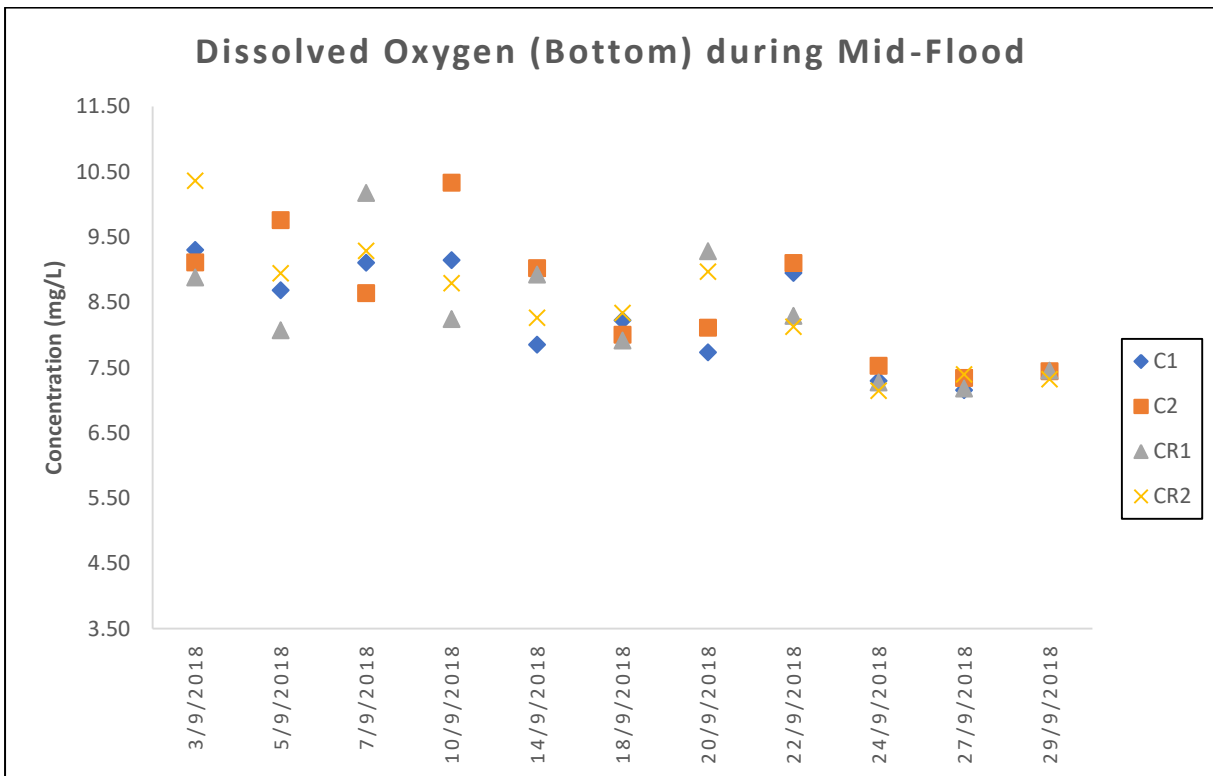
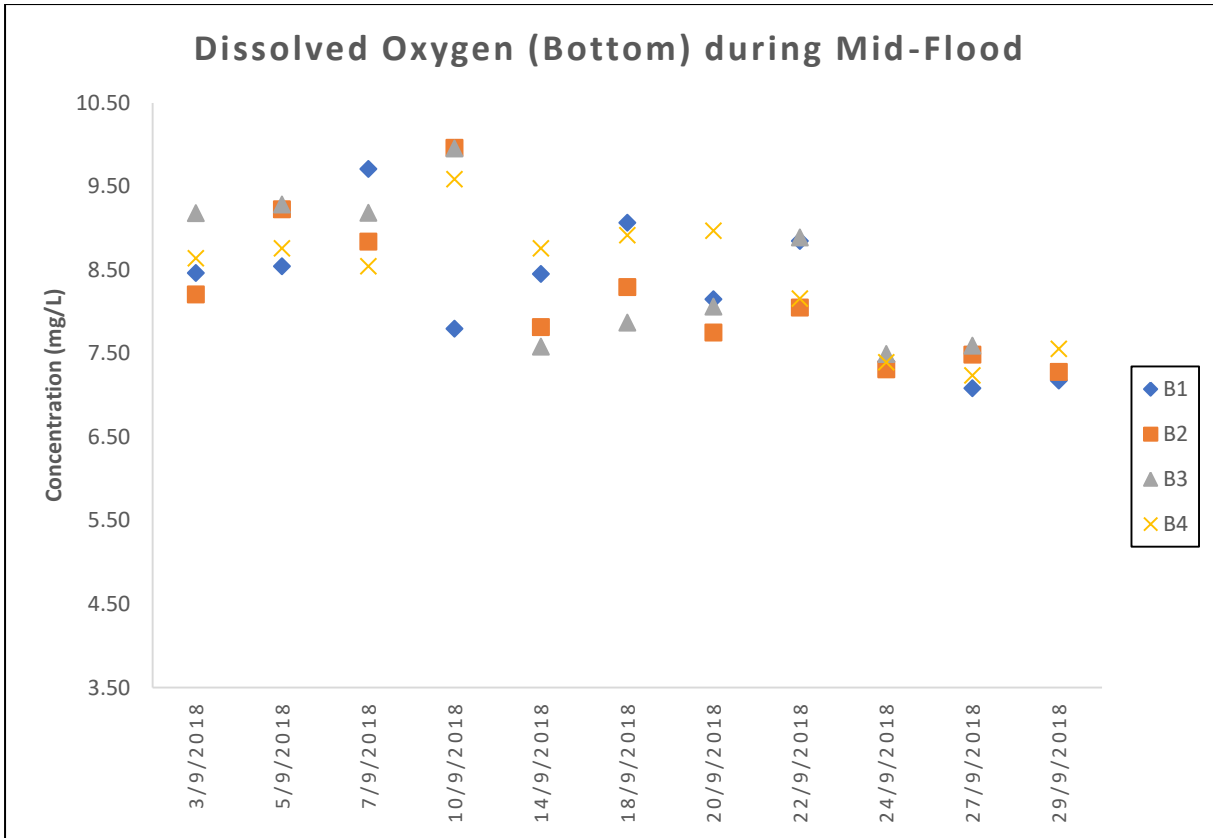
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



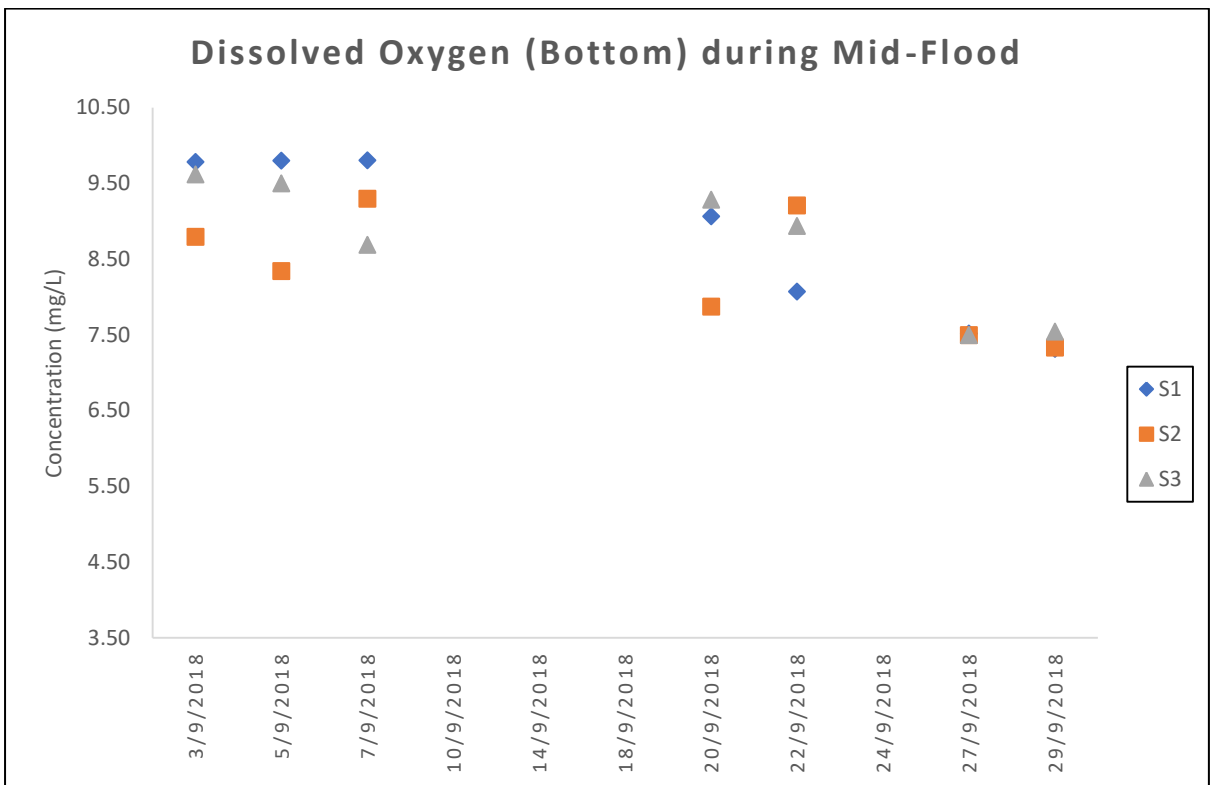
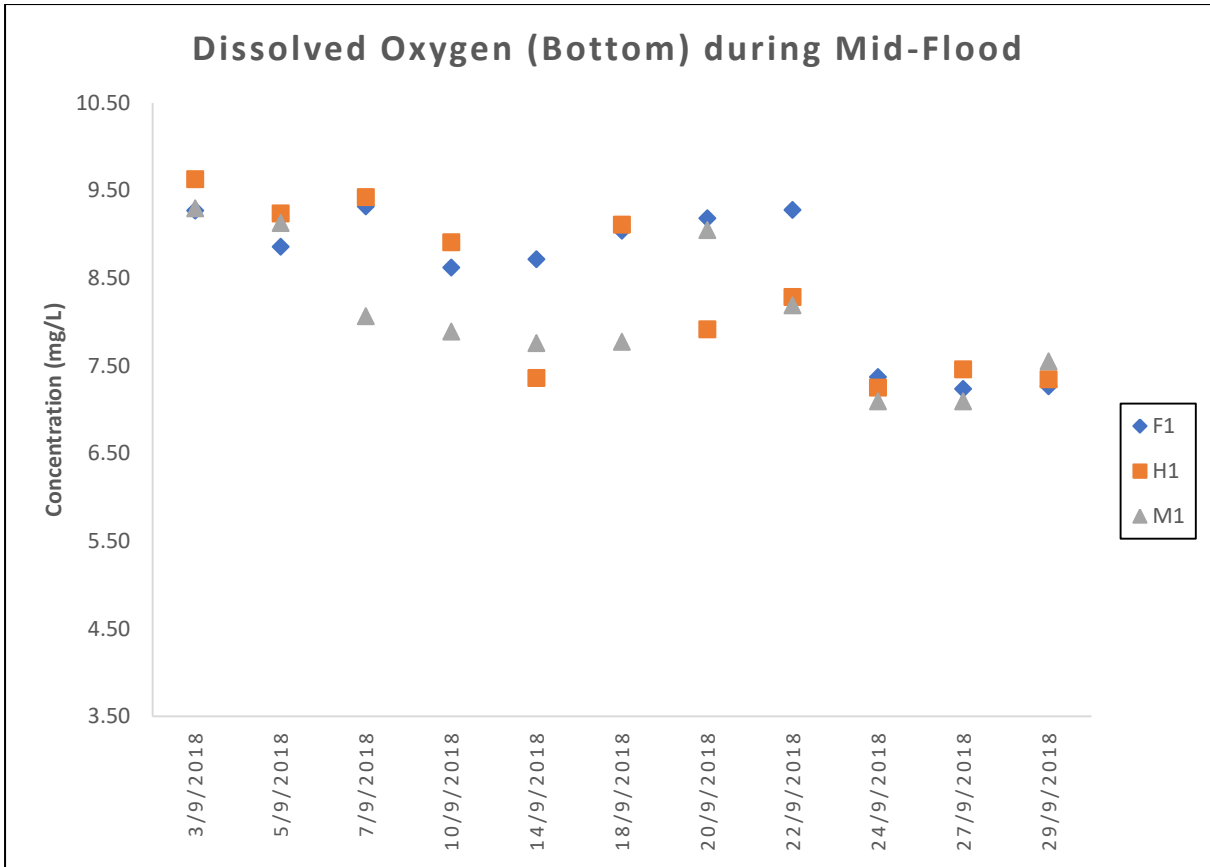
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



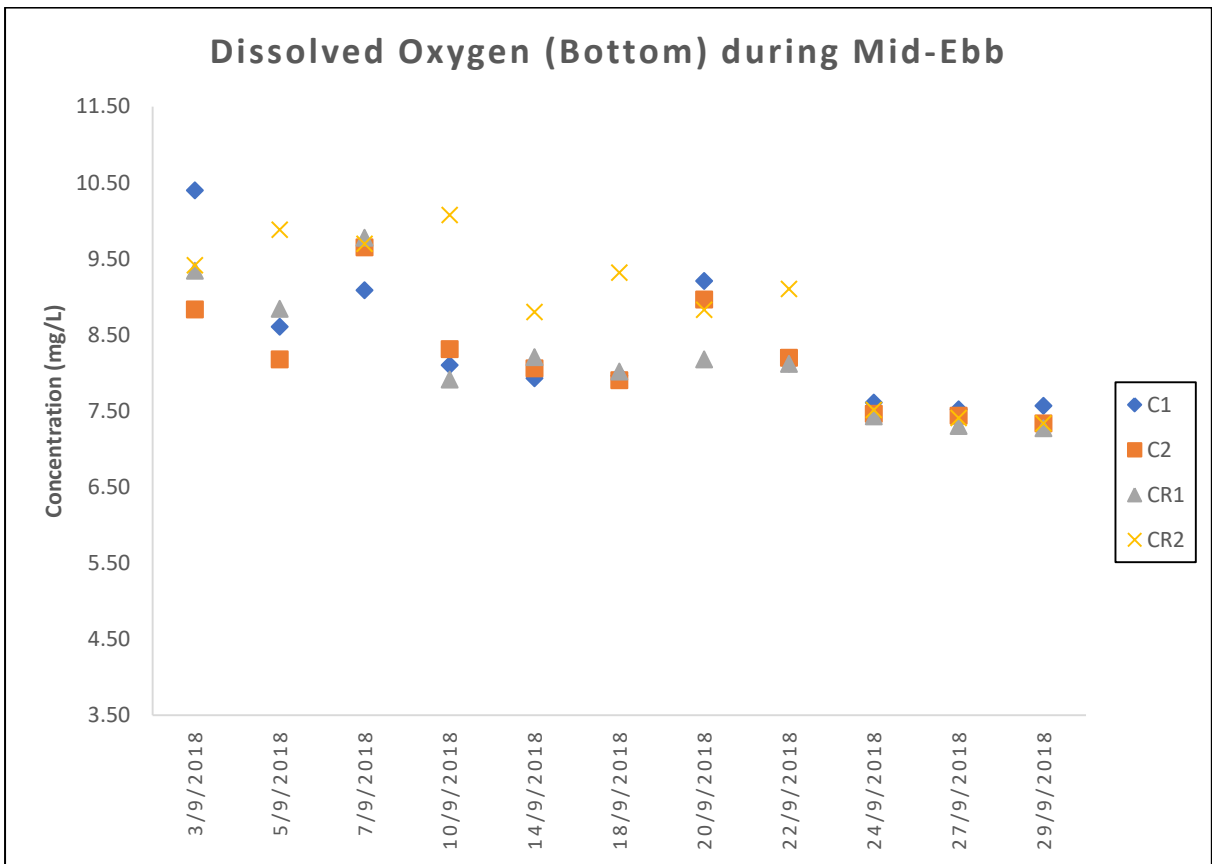
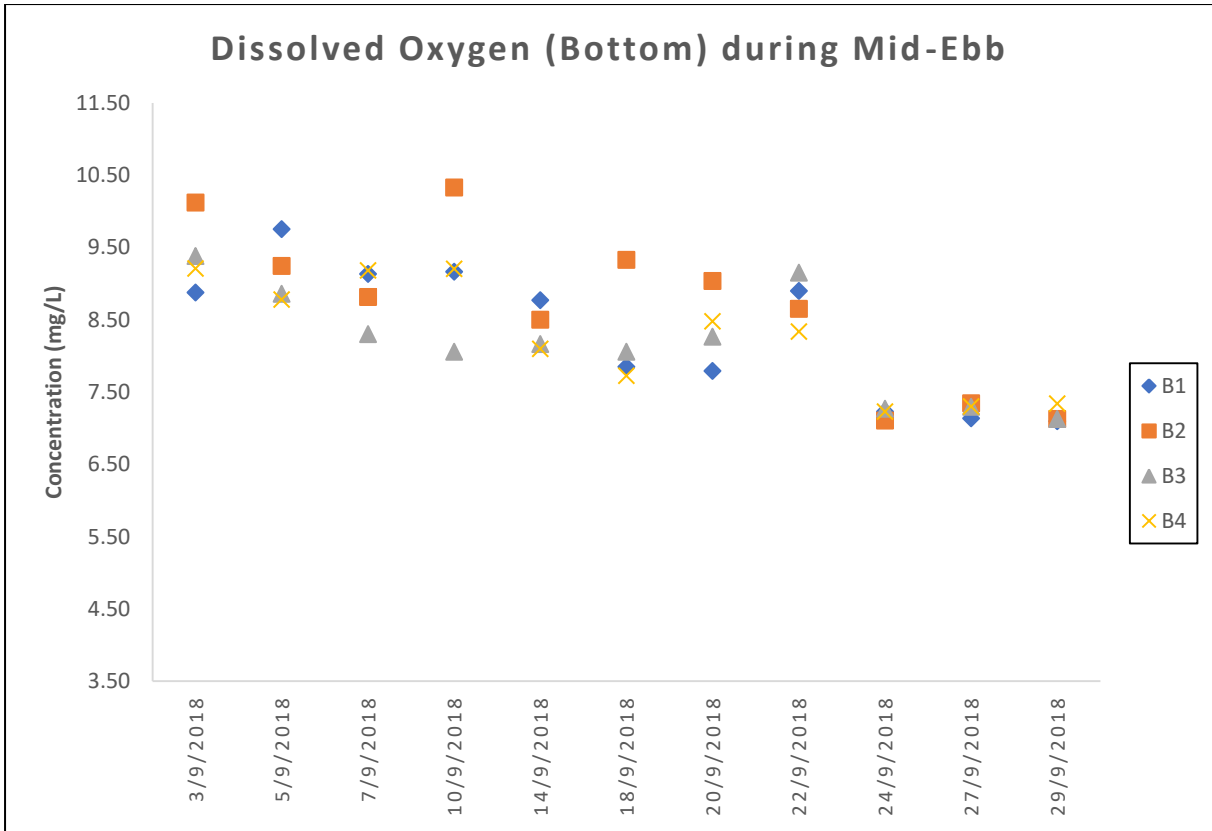
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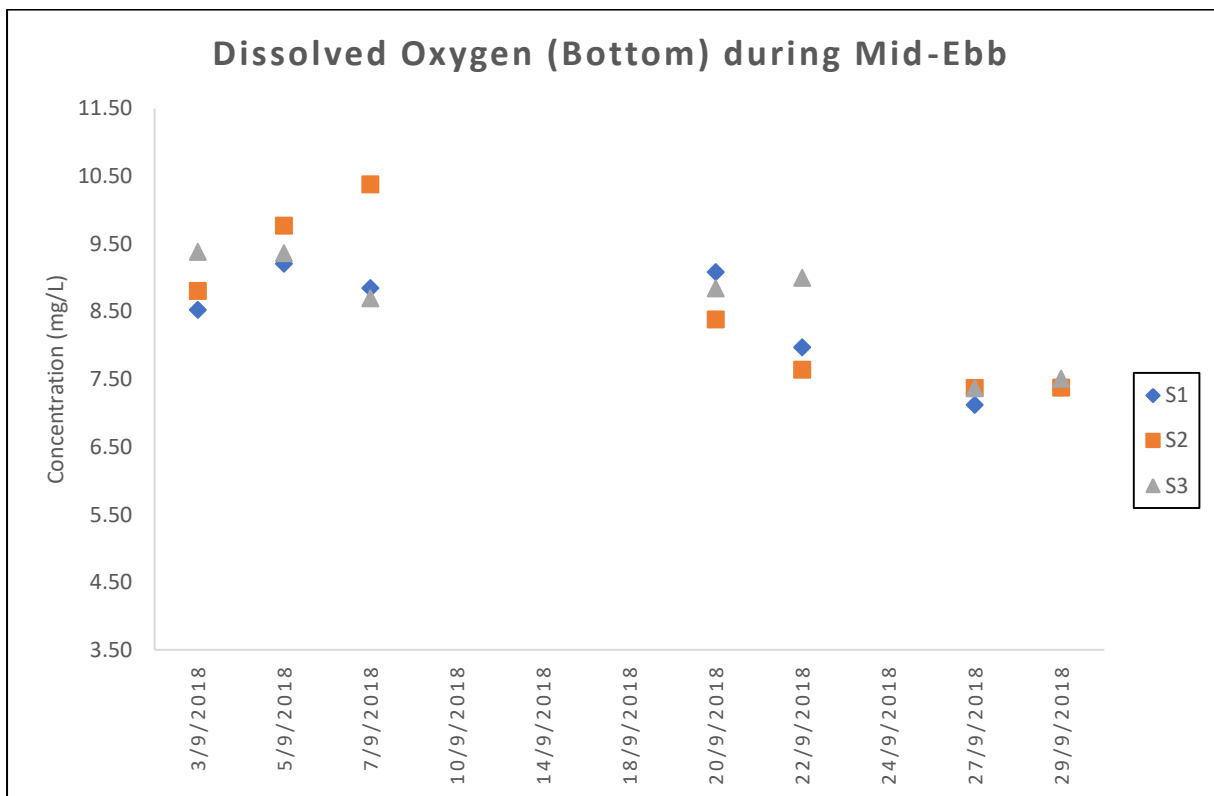
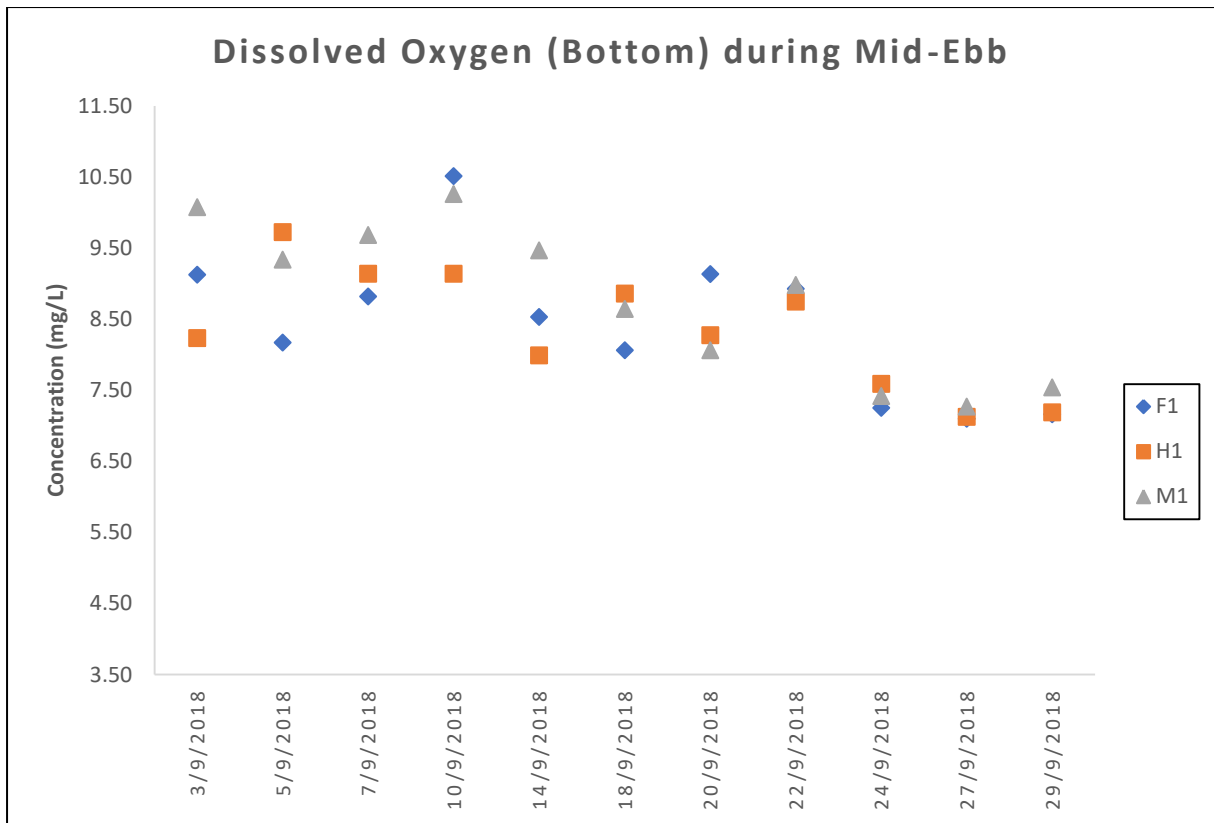
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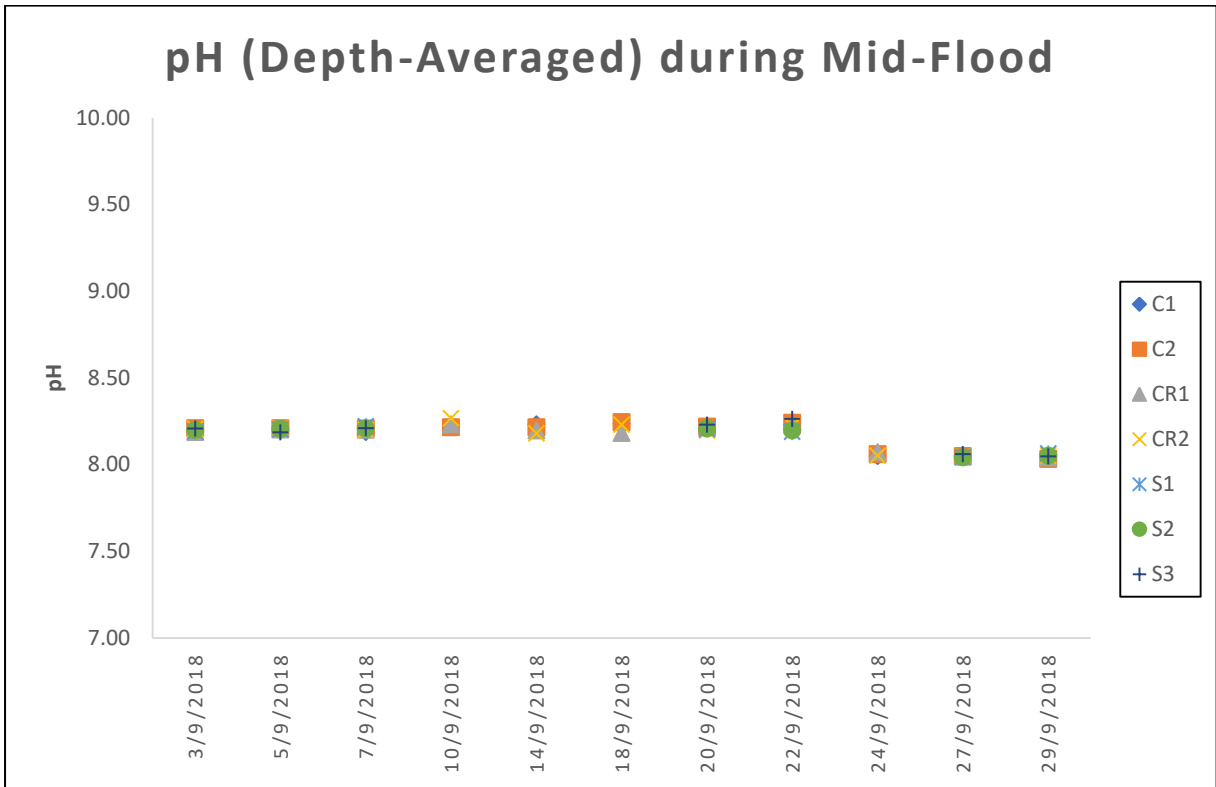
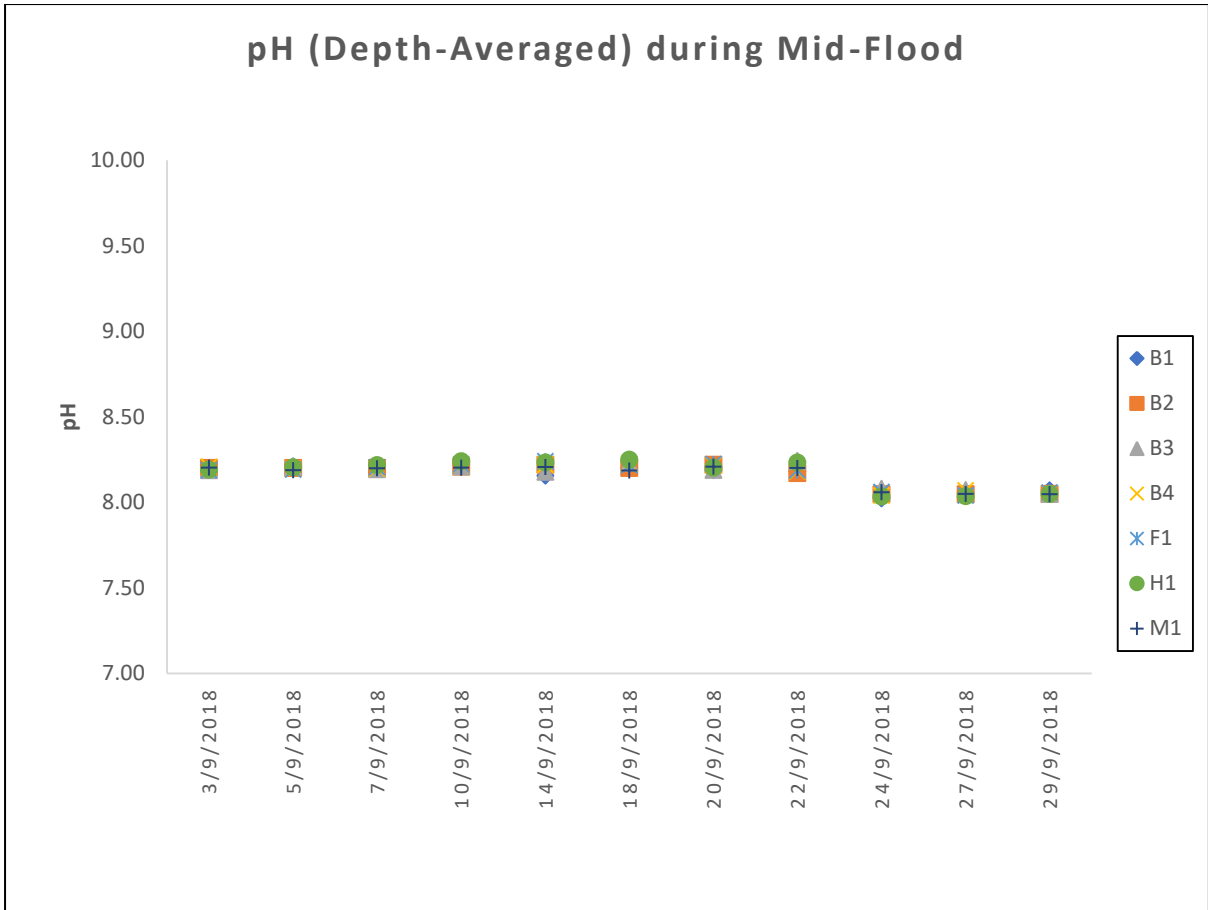
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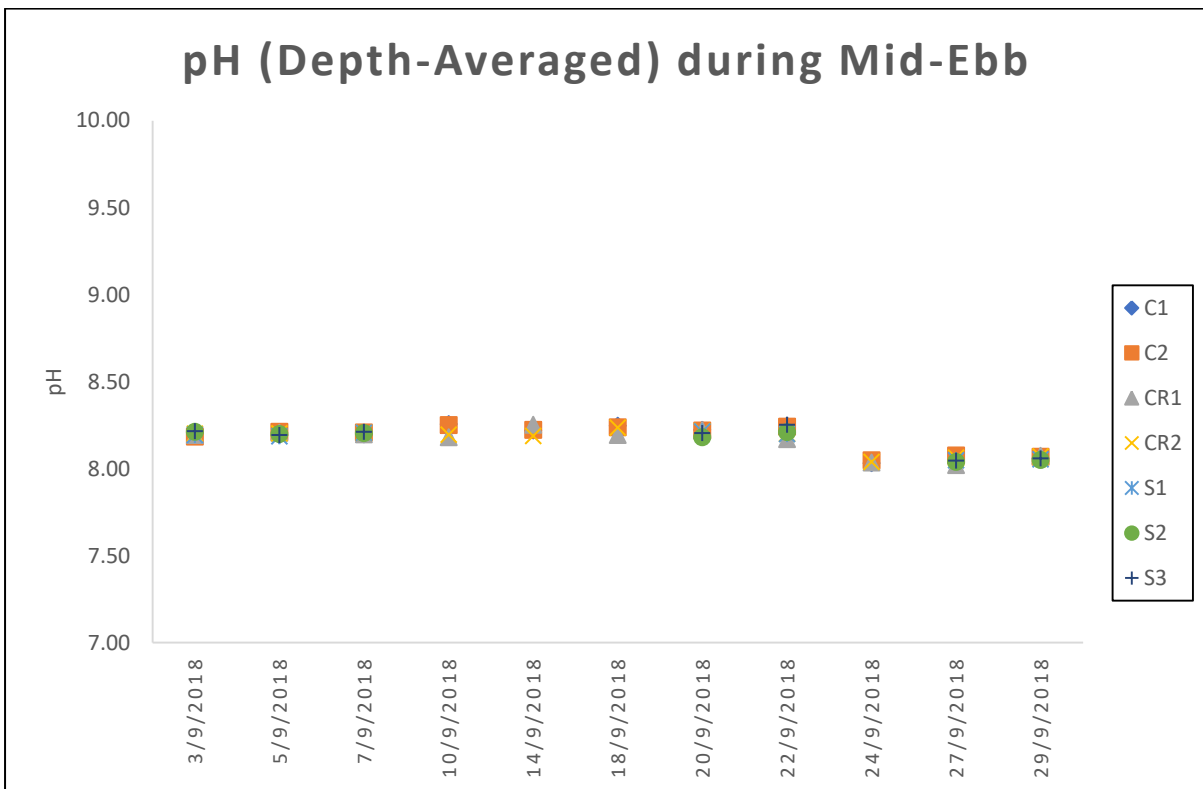
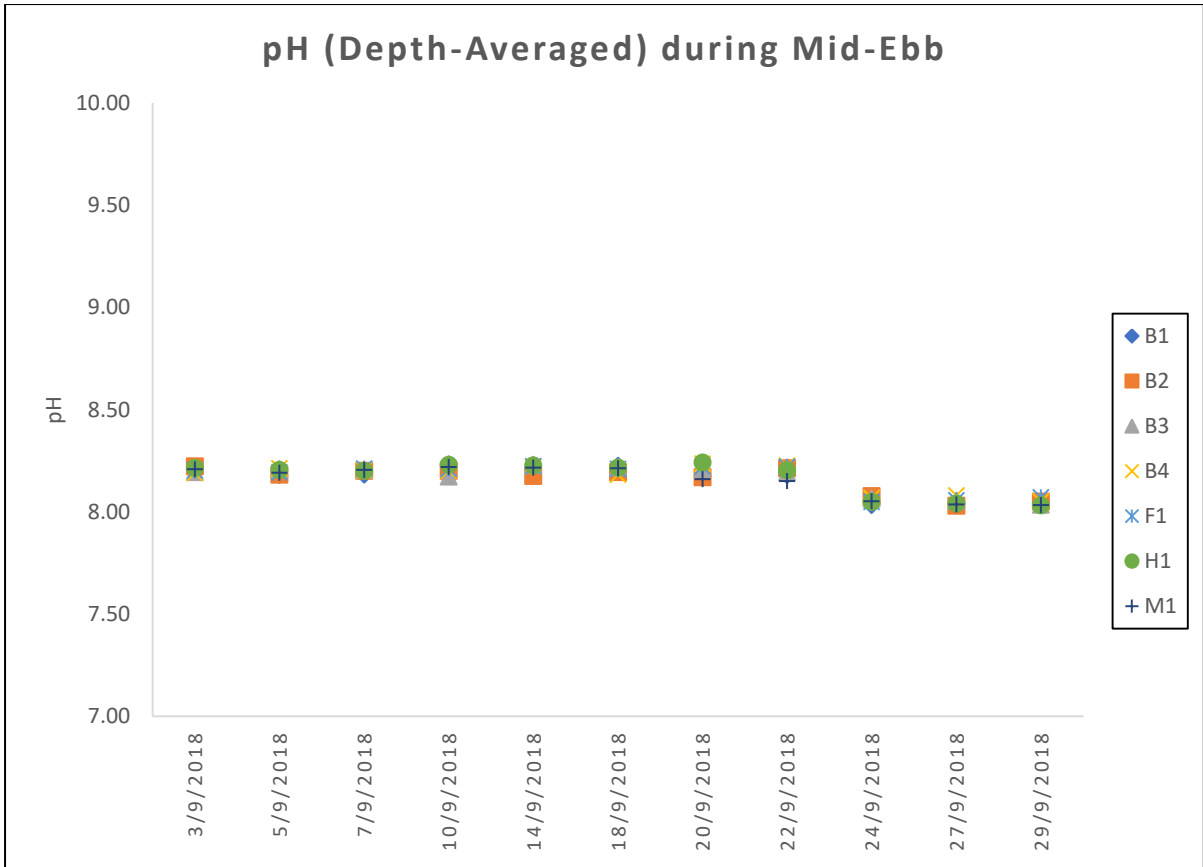
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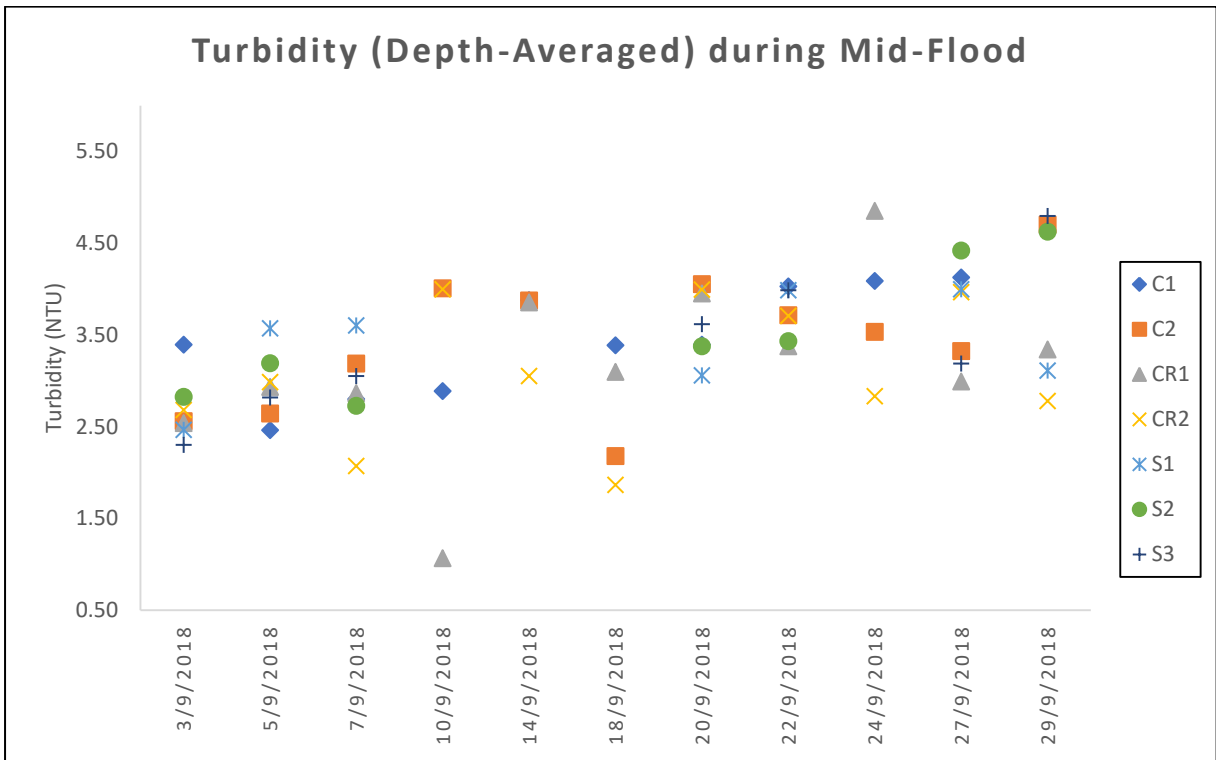
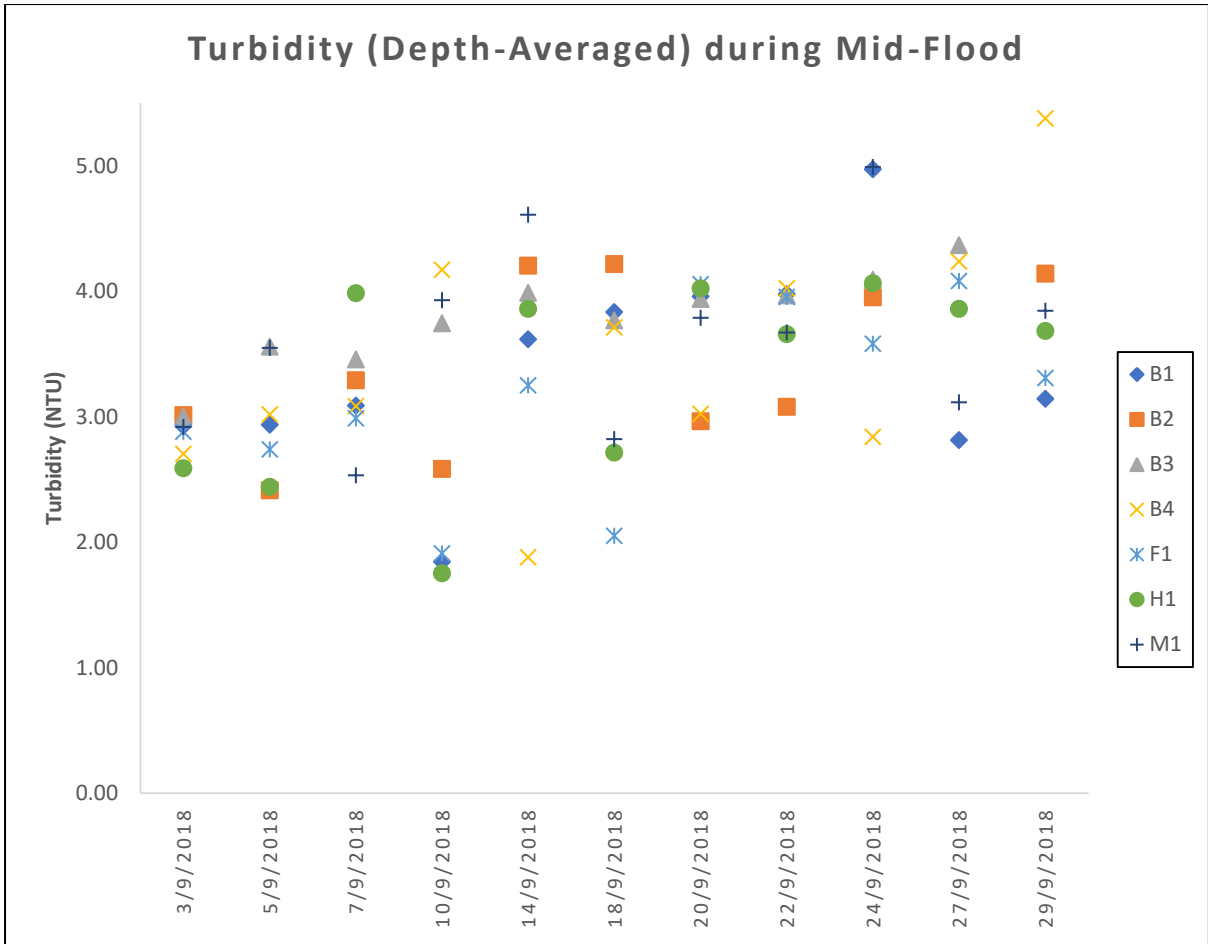
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



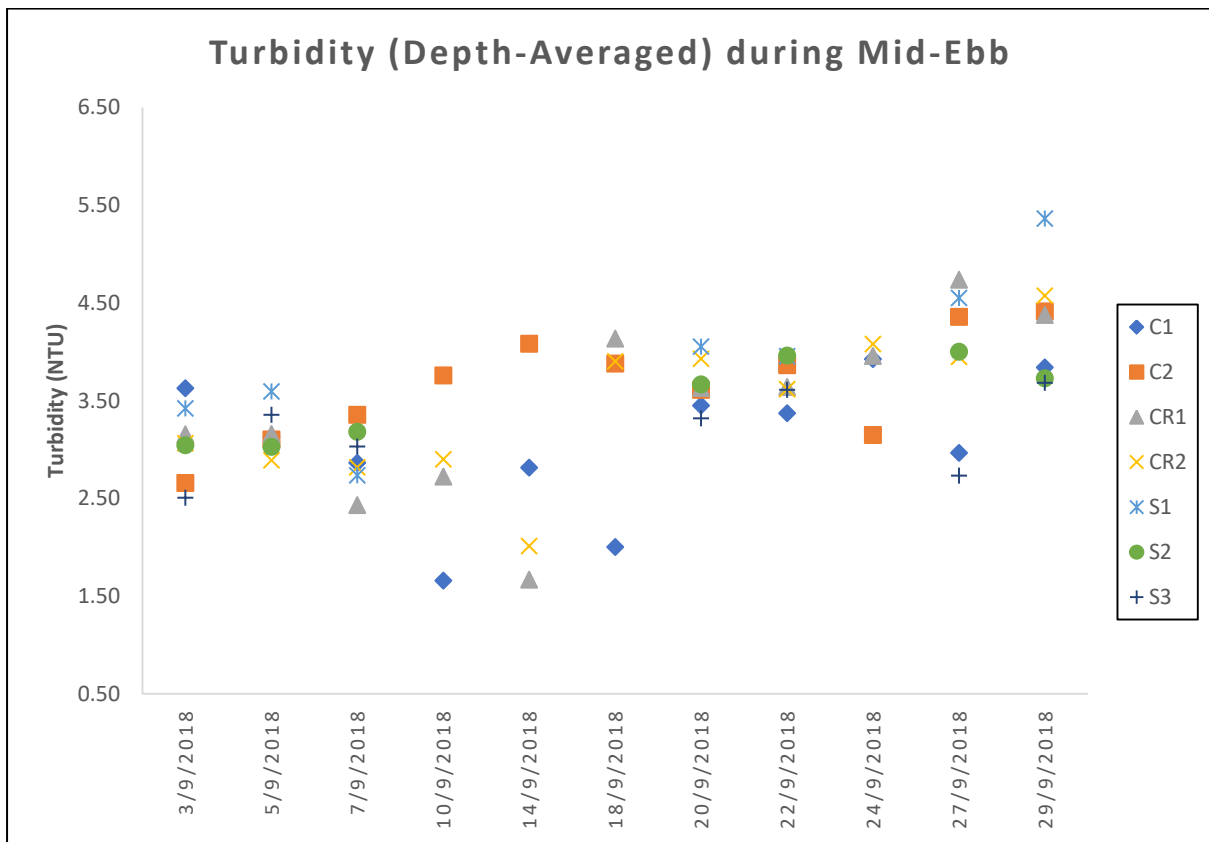
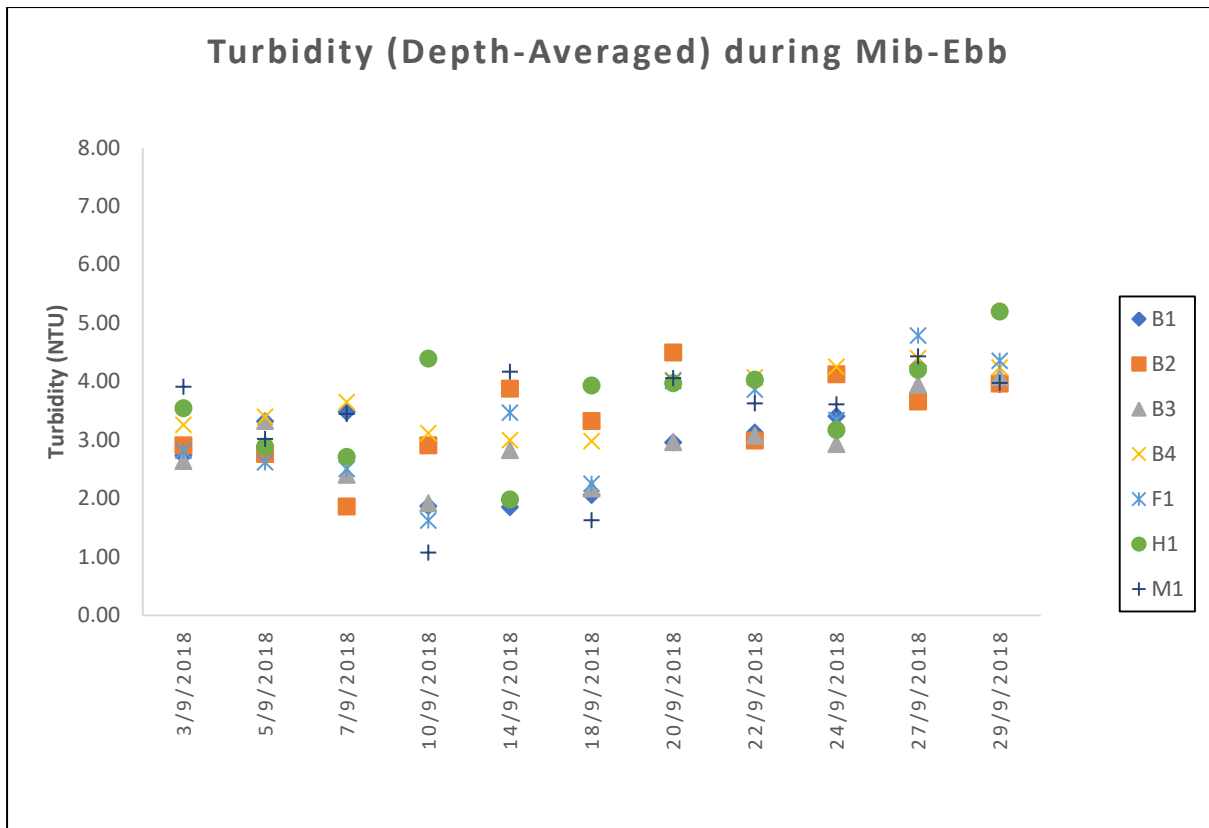
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



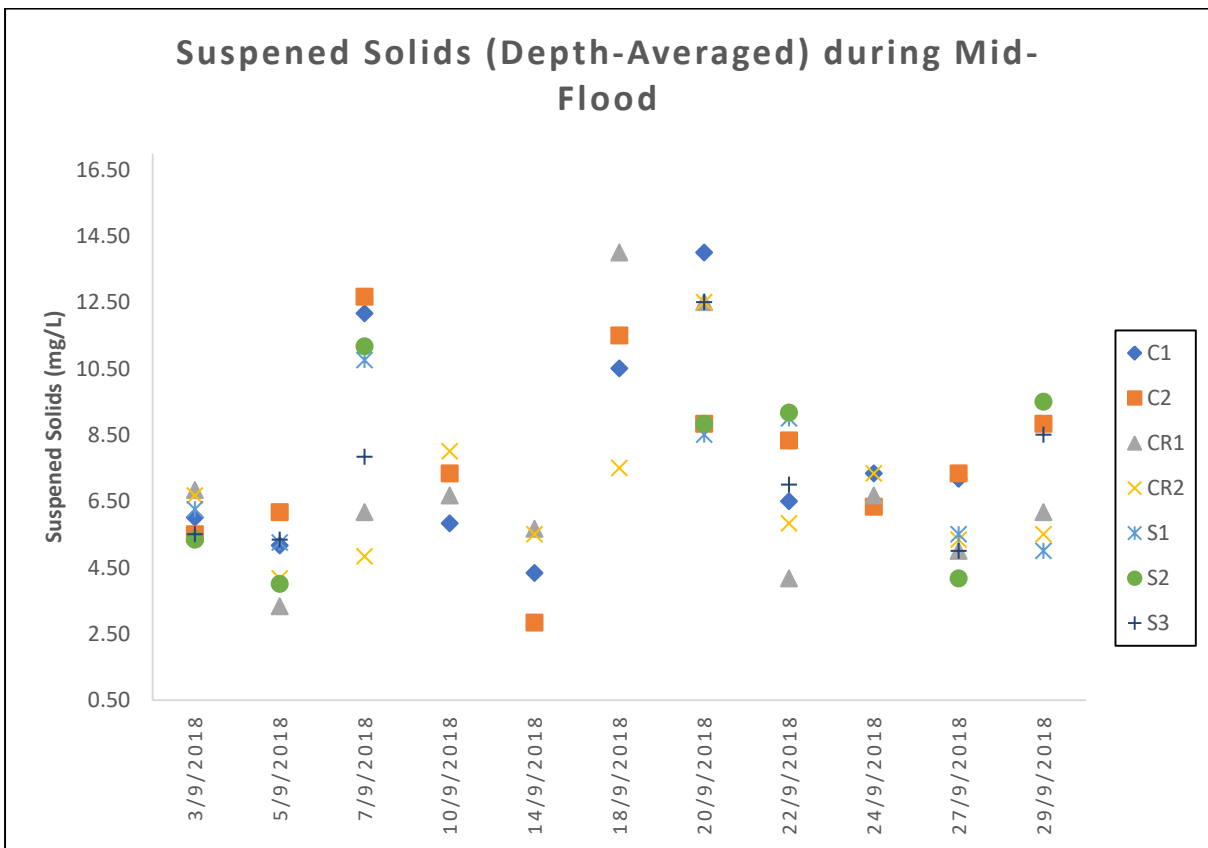
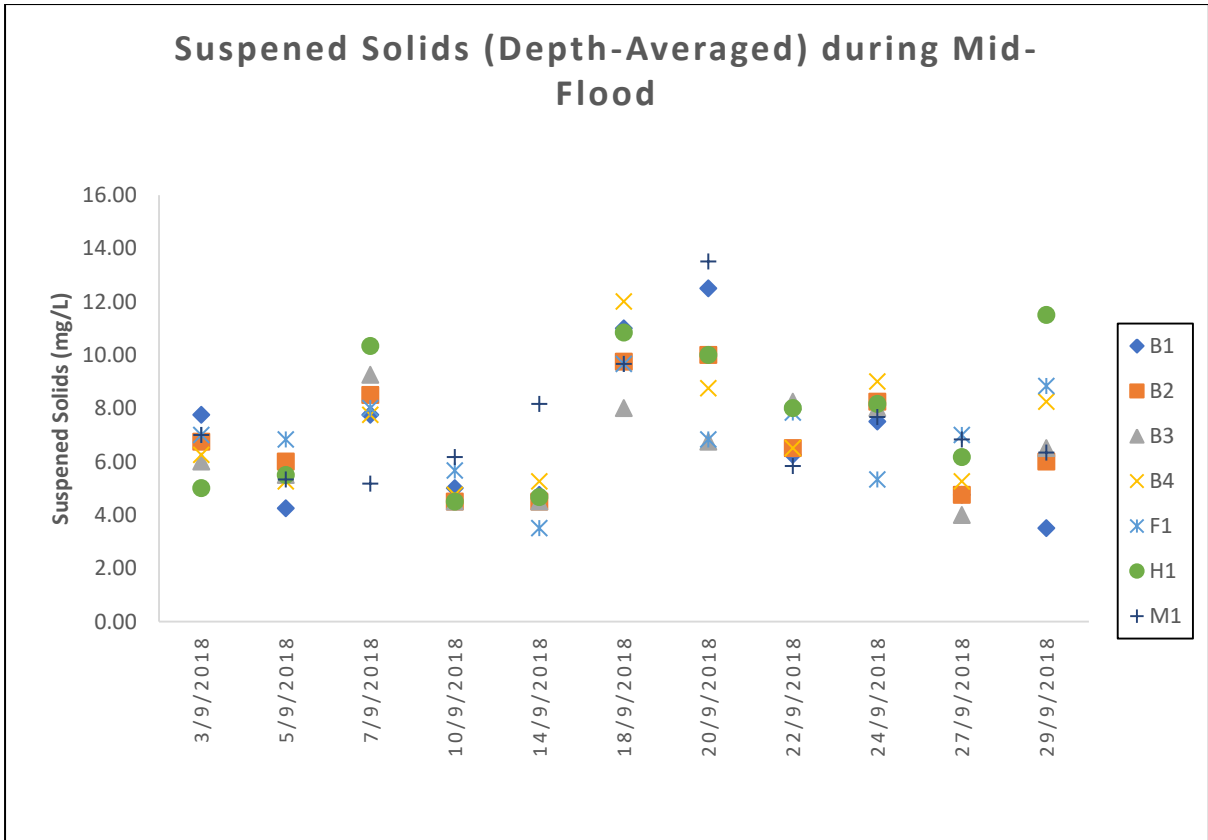
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



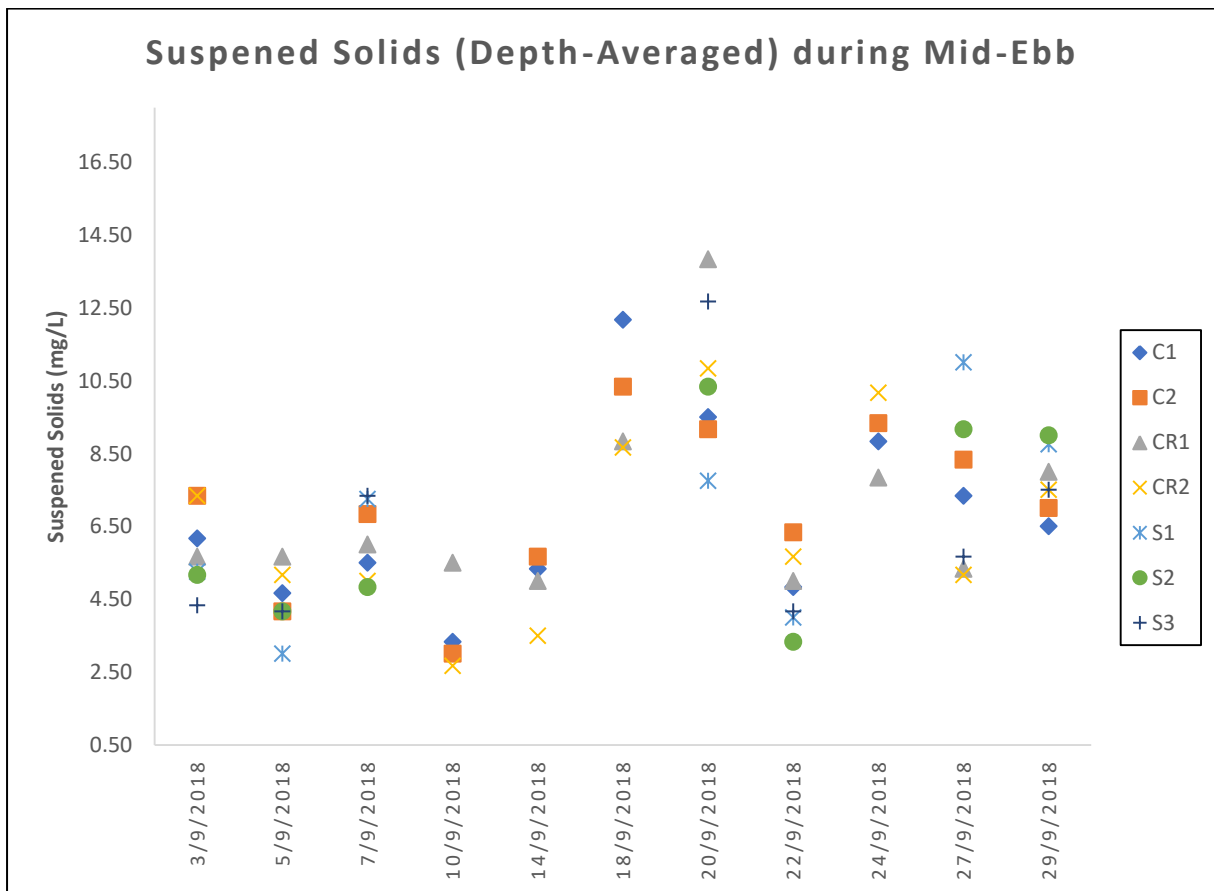
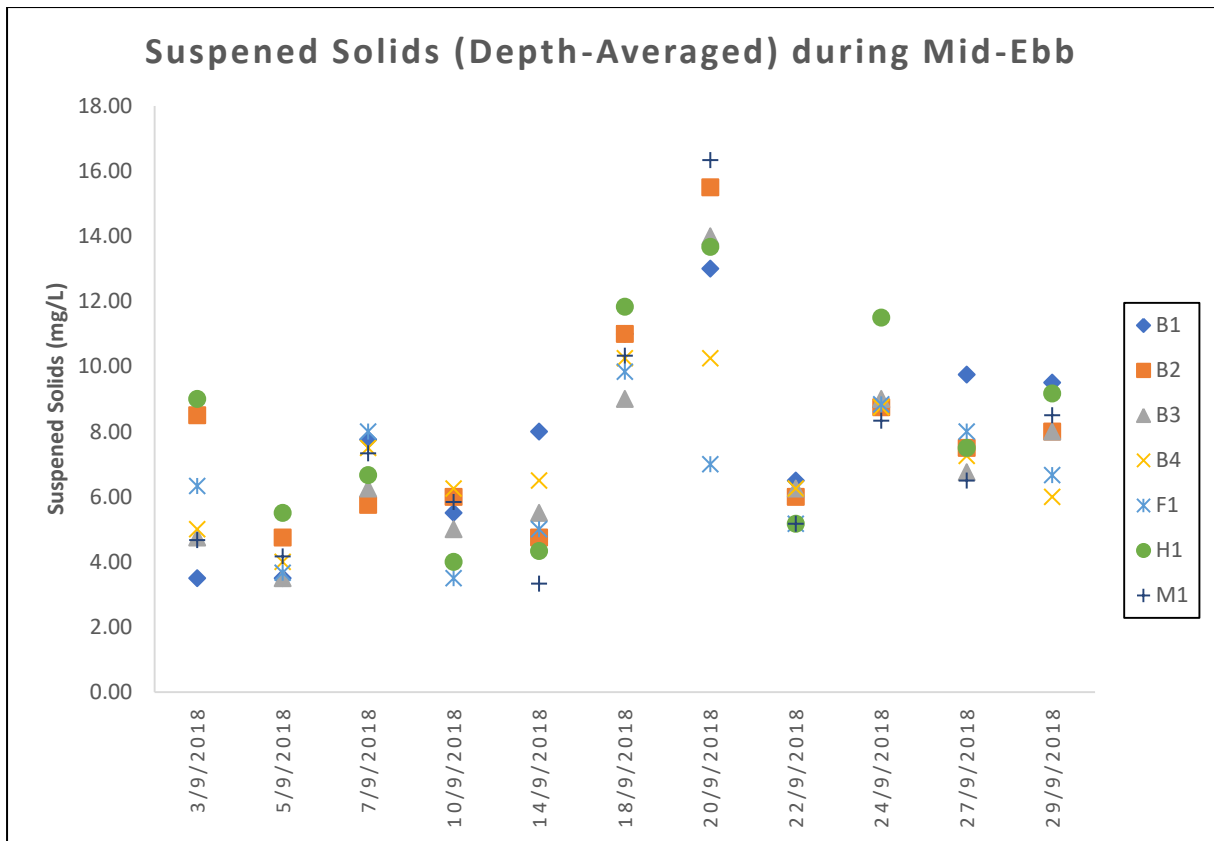
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



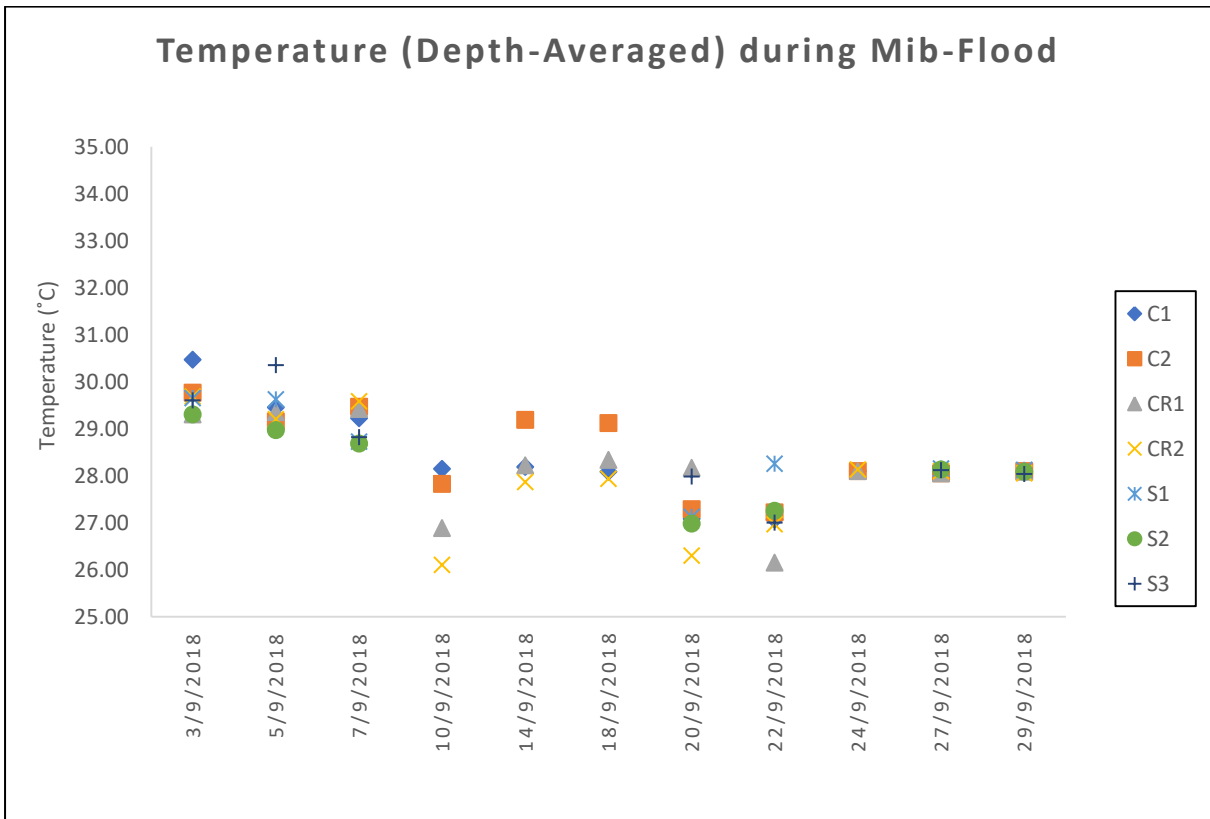
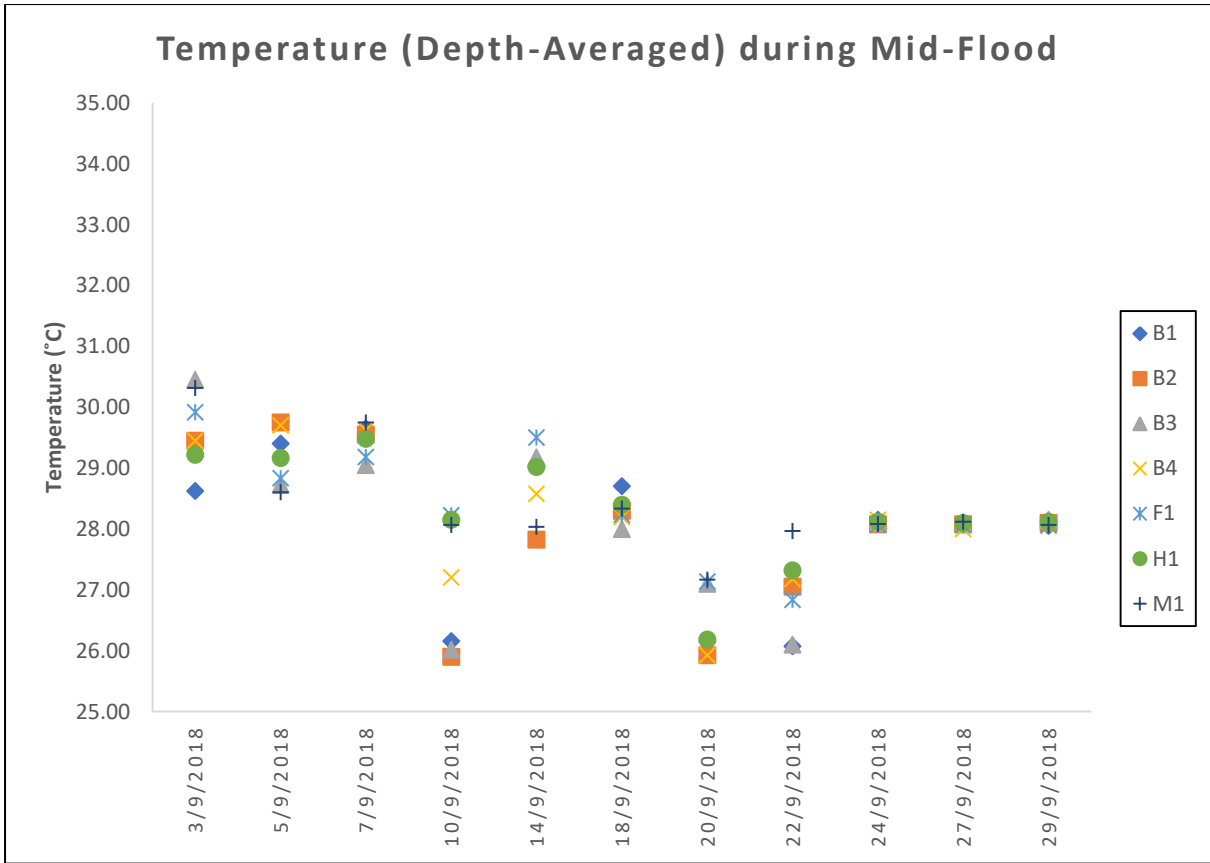
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



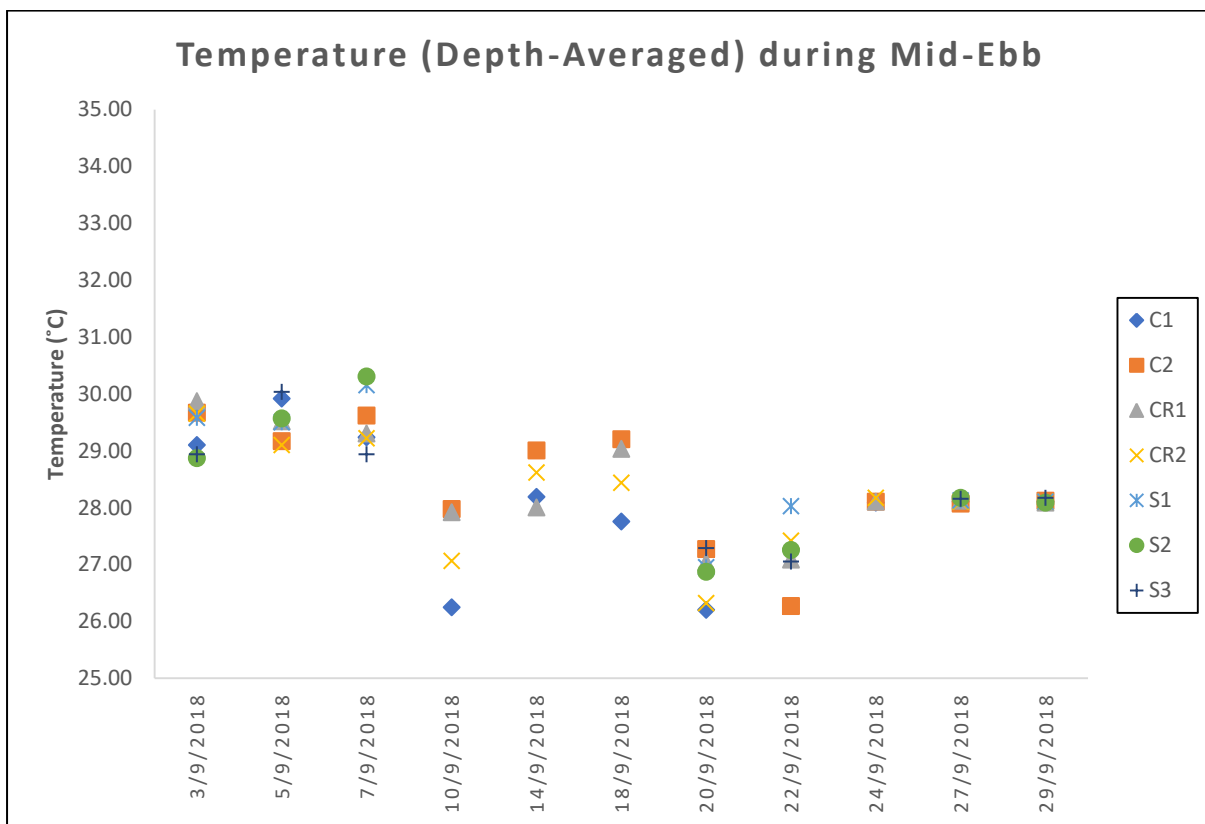
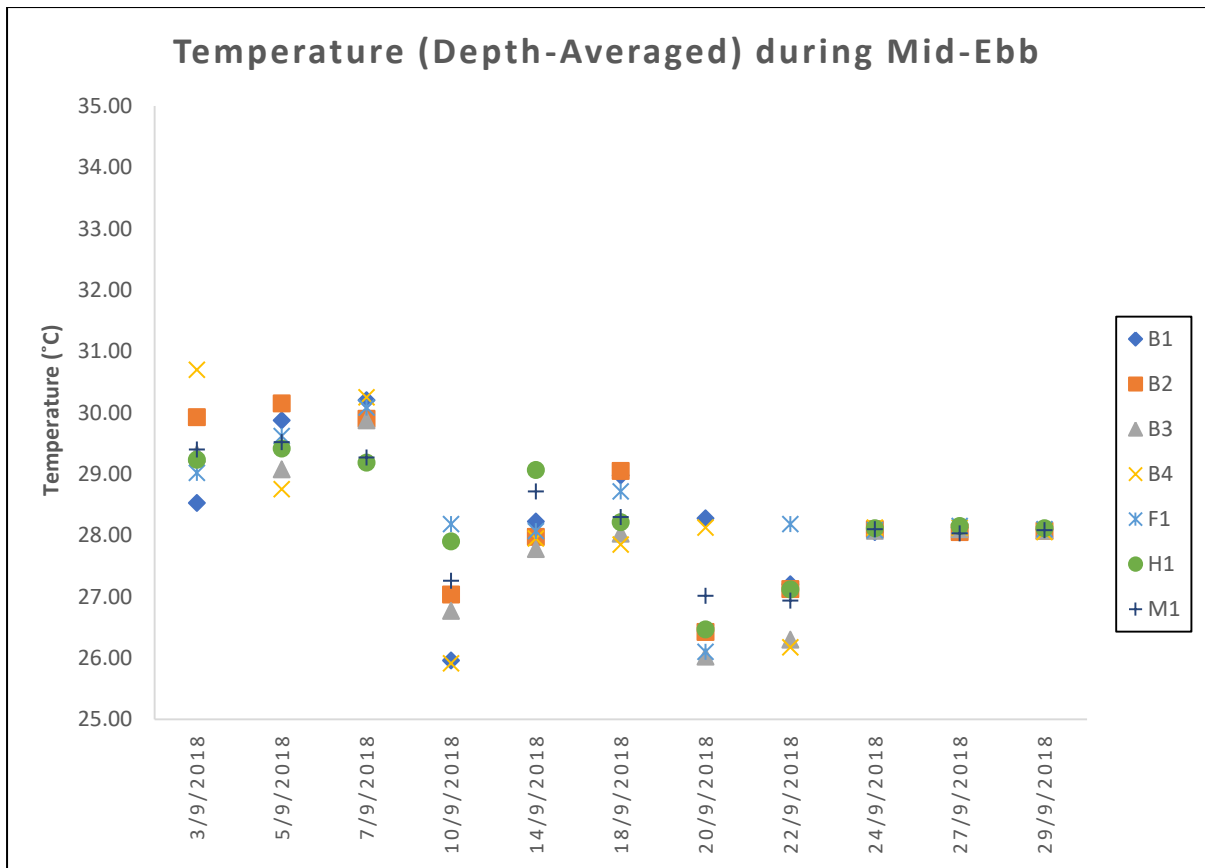
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