

Appendix D Water Quality Monitoring Data

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B1	20190301	Cloudy	Moderate	Mid-Ebb	B	4.7	10:17	9.78	8.93	29.45	20.9	3.99	4	-	-	-
B1	20190301	Cloudy	Moderate	Mid-Ebb	B	4.7	10:17	9.33	9.33	29.83	21.1	3.94	4	-	-	-
B1	20190301	Cloudy	Moderate	Mid-Ebb	S	1	10:18	10.65	9.15	31.52	21	1.34	3	-	-	-
B1	20190301	Cloudy	Moderate	Mid-Ebb	S	1	10:18	9.77	9.02	30.85	20.9	1.26	3	-	-	-
B2	20190301	Cloudy	Moderate	Mid-Ebb	B	4.2	10:30	10.55	9.25	28.15	21.1	3.93	2	-	-	-
B2	20190301	Cloudy	Moderate	Mid-Ebb	B	4.2	10:30	9.9	8.94	30.63	20.9	3.85	3	-	-	-
B2	20190301	Cloudy	Moderate	Mid-Ebb	S	1	10:31	9.22	9.17	29.52	21.1	1.79	3	-	-	-
B2	20190301	Cloudy	Moderate	Mid-Ebb	S	1	10:31	8.91	8.98	28.93	20.9	1.82	3	-	-	-
B3	20190301	Cloudy	Moderate	Mid-Ebb	B	4.2	10:52	9.67	9.33	28.44	20.8	3.03	6	-	-	-
B3	20190301	Cloudy	Moderate	Mid-Ebb	B	4.2	10:52	10.42	9.08	32.36	20.9	3.17	5	-	-	-
B3	20190301	Cloudy	Moderate	Mid-Ebb	S	1	10:53	8.68	8.98	28.12	21.1	1.53	4	-	-	-
B3	20190301	Cloudy	Moderate	Mid-Ebb	S	1	10:53	10.52	9.15	28.4	21.2	1.42	3	-	-	-
B4	20190301	Cloudy	Moderate	Mid-Ebb	B	4.2	11:02	8.74	9.14	32.4	21	3.85	5	-	-	-
B4	20190301	Cloudy	Moderate	Mid-Ebb	B	4.2	11:02	10.46	9.02	31.99	20.9	3.73	6	-	-	-
B4	20190301	Cloudy	Moderate	Mid-Ebb	S	1	11:03	10.45	9.24	32.82	20.9	1.35	5	-	-	-
B4	20190301	Cloudy	Moderate	Mid-Ebb	S	1	11:03	9.96	9.28	28.95	20.8	1.36	5	-	-	-
C1	20190301	Cloudy	Moderate	Mid-Ebb	B	9.6	9:53	10.46	9.26	28.86	21.1	3.16	5	-	-	-
C1	20190301	Cloudy	Moderate	Mid-Ebb	B	9.6	9:53	9.27	9.02	28.56	20.8	3.28	6	-	-	-
C1	20190301	Cloudy	Moderate	Mid-Ebb	M	5.3	9:54	10.25	9.43	31.85	21	2.56	4	-	-	-
C1	20190301	Cloudy	Moderate	Mid-Ebb	M	5.3	9:54	9.58	9.1	31.78	21.2	2.67	5	-	-	-
C1	20190301	Cloudy	Moderate	Mid-Ebb	S	1	9:55	10.37	9.13	28.87	21.1	1.77	3	-	-	-
C1	20190301	Cloudy	Moderate	Mid-Ebb	S	1	9:55	9.06	9.24	31.02	21.2	1.76	3	-	-	-
C2	20190301	Cloudy	Moderate	Mid-Ebb	B	6.7	11:12	9	9.23	30.02	21	3.56	4	-	-	-
C2	20190301	Cloudy	Moderate	Mid-Ebb	B	6.7	11:12	9.52	9.17	28.77	21.2	3.58	3	-	-	-
C2	20190301	Cloudy	Moderate	Mid-Ebb	M	3.9	11:13	10.51	9.43	29.58	20.8	3	4	-	-	-
C2	20190301	Cloudy	Moderate	Mid-Ebb	M	3.9	11:13	9.15	9.02	28.59	21.2	2.93	5	-	-	-
C2	20190301	Cloudy	Moderate	Mid-Ebb	S	1	11:14	10.67	9.38	28.58	20.8	1.2	2	-	-	-
C2	20190301	Cloudy	Moderate	Mid-Ebb	S	1	11:14	10.41	9.23	29.58	21.1	1.39	3	-	-	-
F1	20190301	Cloudy	Moderate	Mid-Ebb	B	6.4	11:04	8.76	8.93	29.83	21.1	3.74	5	-	-	-
F1	20190301	Cloudy	Moderate	Mid-Ebb	B	6.4	11:04	8.73	9.07	28.98	20.8	3.87	5	-	-	-
F1	20190301	Cloudy	Moderate	Mid-Ebb	M	3.7	11:05	10.78	9.27	32.49	21	2.52	4	-	-	-
F1	20190301	Cloudy	Moderate	Mid-Ebb	M	3.7	11:05	9.5	9.33	28.51	20.9	2.32	5	-	-	-

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
F1	20190301	Cloudy	Moderate	Mid-Ebb	S	1	11:06	9.67	9.1	30.01	21.1	1.46	5	-	-	-
F1	20190301	Cloudy	Moderate	Mid-Ebb	S	1	11:06	9.27	9.35	31	20.8	1.56	4	-	-	-
H1	20190301	Cloudy	Moderate	Mid-Ebb	B	6.4	10:20	10.48	9.3	30.68	21.1	3.21	2	-	-	-
H1	20190301	Cloudy	Moderate	Mid-Ebb	B	6.4	10:20	10.16	9.18	31.14	21	3.11	4	-	-	-
H1	20190301	Cloudy	Moderate	Mid-Ebb	M	3.7	10:21	8.77	9.03	29.16	20.8	2.56	3	-	-	-
H1	20190301	Cloudy	Moderate	Mid-Ebb	M	3.7	10:21	10.44	9.01	28.92	21	2.63	4	-	-	-
H1	20190301	Cloudy	Moderate	Mid-Ebb	S	1	10:22	9.45	9.01	28.3	20.8	1.08	3	-	-	-
H1	20190301	Cloudy	Moderate	Mid-Ebb	S	1	10:22	9.75	9.42	31.59	21.1	1.12	3	-	-	-
M1	20190301	Cloudy	Moderate	Mid-Ebb	B	8	11:39	8.64	9.01	29.53	20.9	3.75	6	-	-	-
M1	20190301	Cloudy	Moderate	Mid-Ebb	B	8	11:39	10.05	9.28	29.22	21.2	3.57	6	-	-	-
M1	20190301	Cloudy	Moderate	Mid-Ebb	M	4.5	11:40	9.55	9.2	30.31	21	2.64	6	-	-	-
M1	20190301	Cloudy	Moderate	Mid-Ebb	M	4.5	11:40	10.11	9.08	29.15	21	2.44	7	-	-	-
M1	20190301	Cloudy	Moderate	Mid-Ebb	S	1	11:41	10.27	9.15	30.09	21.2	1.15	5	-	-	-
M1	20190301	Cloudy	Moderate	Mid-Ebb	S	1	11:41	10.22	9.17	32.58	21.1	1.32	4	-	-	-
CR1	20190301	Cloudy	Moderate	Mid-Ebb	B	11.8	9:55	9.69	8.95	30.54	21.1	3.18	8	-	-	-
CR1	20190301	Cloudy	Moderate	Mid-Ebb	B	11.8	9:55	9.61	9.03	32.24	20.9	3.09	9	-	-	-
CR1	20190301	Cloudy	Moderate	Mid-Ebb	M	6.4	9:56	10.53	9.46	32.5	21.2	2.62	7	-	-	-
CR1	20190301	Cloudy	Moderate	Mid-Ebb	M	6.4	9:56	9.58	9.06	30.3	21.2	2.67	7	-	-	-
CR1	20190301	Cloudy	Moderate	Mid-Ebb	S	1	9:57	9.92	9.02	30.66	20.8	1.72	6	-	-	-
CR1	20190301	Cloudy	Moderate	Mid-Ebb	S	1	9:57	9.55	9.13	29.6	21	1.52	5	-	-	-
CR2	20190301	Cloudy	Moderate	Mid-Ebb	B	9.7	10:03	9.94	9.44	30.75	21.1	3.95	5	-	-	-
CR2	20190301	Cloudy	Moderate	Mid-Ebb	B	9.7	10:03	8.99	9.08	29.05	21.2	3.88	6	-	-	-
CR2	20190301	Cloudy	Moderate	Mid-Ebb	M	5.4	10:04	10.02	8.98	30.71	21.1	2.27	5	-	-	-
CR2	20190301	Cloudy	Moderate	Mid-Ebb	M	5.4	10:04	9.5	9.07	31.82	21	2.42	5	-	-	-
CR2	20190301	Cloudy	Moderate	Mid-Ebb	S	1	10:05	10.65	9.23	30.49	20.8	1.32	6	-	-	-
CR2	20190301	Cloudy	Moderate	Mid-Ebb	S	1	10:05	8.78	9.1	31.4	21.2	1.24	7	-	-	-
B1	20190301	Cloudy	Moderate	Mid-Flood	B	5.6	13:27	9.93	9.27	29.31	21.1	3.15	6	-	-	-
B1	20190301	Cloudy	Moderate	Mid-Flood	B	5.6	13:27	9.48	9.26	29.67	21.1	2.97	6	-	-	-
B1	20190301	Cloudy	Moderate	Mid-Flood	S	1	13:28	9.3	9.27	31.97	20.9	1.89	5	-	-	-
B1	20190301	Cloudy	Moderate	Mid-Flood	S	1	13:28	9.06	9.19	31.22	20.9	1.99	6	-	-	-
B2	20190301	Cloudy	Moderate	Mid-Flood	B	4.5	13:39	9.6	9.44	29.4	20.9	3	5	-	-	-
B2	20190301	Cloudy	Moderate	Mid-Flood	B	4.5	13:39	9.37	9.32	30.8	21.1	3.02	5	-	-	-

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B2	20190301	Cloudy	Moderate	Mid-Flood	S	1	13:40	9.44	9.1	32.34	21	1.78	7	-	-	-
B2	20190301	Cloudy	Moderate	Mid-Flood	S	1	13:40	9.95	9.19	31.45	21.2	1.9	6	-	-	-
B3	20190301	Cloudy	Moderate	Mid-Flood	B	4.5	12:38	9.3	9.46	29.87	20.9	3.74	6	-	-	-
B3	20190301	Cloudy	Moderate	Mid-Flood	B	4.5	12:38	9.93	9.06	29.95	21	3.63	6	-	-	-
B3	20190301	Cloudy	Moderate	Mid-Flood	S	1	12:39	10.25	8.93	32.41	21.1	1.94	7	-	-	-
B3	20190301	Cloudy	Moderate	Mid-Flood	S	1	12:39	8.8	9.25	31.06	21.2	2.05	6	-	-	-
B4	20190301	Cloudy	Moderate	Mid-Flood	B	4.7	12:48	8.85	9.41	32.43	20.8	3.09	6	-	-	-
B4	20190301	Cloudy	Moderate	Mid-Flood	B	4.7	12:48	8.96	9.14	29.04	21.1	3	6	-	-	-
B4	20190301	Cloudy	Moderate	Mid-Flood	S	1	12:49	10.64	9.46	28.96	21.1	1.31	6	-	-	-
B4	20190301	Cloudy	Moderate	Mid-Flood	S	1	12:49	10.21	9.35	29.36	20.9	1.34	5	-	-	-
C1	20190301	Cloudy	Moderate	Mid-Flood	B	9.8	13:03	10.78	9.18	32.62	21.2	3.28	5	-	-	-
C1	20190301	Cloudy	Moderate	Mid-Flood	B	9.8	13:03	10.48	8.98	29.32	21.2	3.22	4	-	-	-
C1	20190301	Cloudy	Moderate	Mid-Flood	M	5.4	13:04	9.77	9.03	29.65	20.9	2.35	3	-	-	-
C1	20190301	Cloudy	Moderate	Mid-Flood	M	5.4	13:04	10.53	9.08	29.45	20.8	2.34	3	-	-	-
C1	20190301	Cloudy	Moderate	Mid-Flood	S	1	13:05	9.71	9.35	31.84	20.8	1.02	3	-	-	-
C1	20190301	Cloudy	Moderate	Mid-Flood	S	1	13:05	8.69	8.98	29.33	21.1	1.13	3	-	-	-
C2	20190301	Cloudy	Moderate	Mid-Flood	B	7.9	12:25	10.22	9.36	32.71	20.8	3.73	6	-	-	-
C2	20190301	Cloudy	Moderate	Mid-Flood	B	7.9	12:25	8.67	9.35	31.22	21.2	3.61	4	-	-	-
C2	20190301	Cloudy	Moderate	Mid-Flood	M	4.5	12:26	9.9	9.04	28.58	20.8	2.57	6	-	-	-
C2	20190301	Cloudy	Moderate	Mid-Flood	M	4.5	12:26	9.53	9.06	28.41	20.9	2.63	6	-	-	-
C2	20190301	Cloudy	Moderate	Mid-Flood	S	1	12:27	8.73	9.23	31.06	21.2	1.86	5	-	-	-
C2	20190301	Cloudy	Moderate	Mid-Flood	S	1	12:27	9	9.27	30.29	21.1	2.03	4	-	-	-
F1	20190301	Cloudy	Moderate	Mid-Flood	B	7	13:20	10.7	9.36	31.61	20.9	3.21	6	-	-	-
F1	20190301	Cloudy	Moderate	Mid-Flood	B	7	13:20	10.64	9.17	28.29	21.1	3.41	5	-	-	-
F1	20190301	Cloudy	Moderate	Mid-Flood	M	4	13:21	9.46	9.01	30.77	20.9	2.8	6	-	-	-
F1	20190301	Cloudy	Moderate	Mid-Flood	M	4	13:21	10.21	9.39	30.62	21	2.88	6	-	-	-
F1	20190301	Cloudy	Moderate	Mid-Flood	S	1	13:22	8.71	9.39	29.64	20.8	1.64	4	-	-	-
F1	20190301	Cloudy	Moderate	Mid-Flood	S	1	13:22	9.15	9.35	31.98	20.9	1.66	4	-	-	-
H1	20190301	Cloudy	Moderate	Mid-Flood	B	7.4	13:59	8.73	8.95	30.42	20.8	3.62	5	-	-	-
H1	20190301	Cloudy	Moderate	Mid-Flood	B	7.4	13:59	8.75	8.96	30.66	21	3.75	5	-	-	-
H1	20190301	Cloudy	Moderate	Mid-Flood	M	4.2	14:00	10.18	9	29.76	21	2.46	5	-	-	-
H1	20190301	Cloudy	Moderate	Mid-Flood	M	4.2	14:00	10.52	9.02	30.56	20.8	2.56	5	-	-	-

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H1	20190301	Cloudy	Moderate	Mid-Flood	S	1	14:01	9.34	8.99	32.03	21	1.77	2	-	-	-
H1	20190301	Cloudy	Moderate	Mid-Flood	S	1	14:01	10.73	9.05	30.51	21	1.73	3	-	-	-
M1	20190301	Cloudy	Moderate	Mid-Flood	B	8.2	14:10	9.62	9.43	29.84	21	3.49	6	-	-	-
M1	20190301	Cloudy	Moderate	Mid-Flood	B	8.2	14:10	8.93	9.16	29.35	21.1	3.45	4	-	-	-
M1	20190301	Cloudy	Moderate	Mid-Flood	M	4.6	14:11	8.99	9.25	31.24	21.2	2.39	5	-	-	-
M1	20190301	Cloudy	Moderate	Mid-Flood	M	4.6	14:11	10.18	9.44	30.04	21	2.49	4	-	-	-
M1	20190301	Cloudy	Moderate	Mid-Flood	S	1	14:12	9.71	9.03	28.91	21.2	1.87	7	-	-	-
M1	20190301	Cloudy	Moderate	Mid-Flood	S	1	14:12	9.19	8.95	31.39	21.1	1.68	7	-	-	-
CR1	20190301	Cloudy	Moderate	Mid-Flood	B	11.8	12:25	10.25	9.03	28.36	20.8	3.68	4	-	-	-
CR1	20190301	Cloudy	Moderate	Mid-Flood	B	11.8	12:25	9.19	9.1	32.87	21	3.55	3	-	-	-
CR1	20190301	Cloudy	Moderate	Mid-Flood	M	6.4	12:26	10.43	9.34	28.44	21.1	2.03	3	-	-	-
CR1	20190301	Cloudy	Moderate	Mid-Flood	M	6.4	12:26	9.3	9.24	28.56	21	1.97	4	-	-	-
CR1	20190301	Cloudy	Moderate	Mid-Flood	S	1	12:27	9.88	9.38	30.2	21	1.15	4	-	-	-
CR1	20190301	Cloudy	Moderate	Mid-Flood	S	1	12:27	9.6	9.16	28.08	21	0.96	4	-	-	-
CR2	20190301	Cloudy	Moderate	Mid-Flood	B	9.8	12:37	8.71	9.14	32.11	21	3.96	6	-	-	-
CR2	20190301	Cloudy	Moderate	Mid-Flood	B	9.8	12:37	8.89	9	28.9	21	3.98	5	-	-	-
CR2	20190301	Cloudy	Moderate	Mid-Flood	M	5.4	12:38	9.06	8.95	32.06	21.2	2.29	4	-	-	-
CR2	20190301	Cloudy	Moderate	Mid-Flood	M	5.4	12:38	9.34	9.28	32.67	21.2	2.25	5	-	-	-
CR2	20190301	Cloudy	Moderate	Mid-Flood	S	1	12:39	8.93	9.21	31.17	20.8	1.19	6	-	-	-
CR2	20190301	Cloudy	Moderate	Mid-Flood	S	1	12:39	10.07	9.08	31.21	21.2	1.21	5	-	-	-
B1	20190304	Cloudy	Light	Mid-Ebb	B	4.5	11:30	9.46	9.01	33.6	19.8	1.99	<2	-	-	-
B1	20190304	Cloudy	Light	Mid-Ebb	B	4.5	11:30	7.92	8.28	31.52	20.1	2	2	-	-	-
B1	20190304	Cloudy	Light	Mid-Ebb	S	1	11:31	8.04	8.49	31.31	20.2	1.37	3	-	-	-
B1	20190304	Cloudy	Light	Mid-Ebb	S	1	11:31	7.91	8.53	31.03	20.2	1.29	3	-	-	-
B2	20190304	Cloudy	Light	Mid-Ebb	B	4.3	11:45	8.16	8.41	31.93	20.1	1.99	4	-	-	-
B2	20190304	Cloudy	Light	Mid-Ebb	B	4.3	11:45	8.08	8.48	31.5	20.2	2.08	4	-	-	-
B2	20190304	Cloudy	Light	Mid-Ebb	S	1	11:46	8.75	8.24	31.18	20.2	1.33	2	-	-	-
B2	20190304	Cloudy	Light	Mid-Ebb	S	1	11:46	8.27	8.39	31.91	20.1	1.27	3	-	-	-
B3	20190304	Cloudy	Light	Mid-Ebb	B	5	12:09	8.2	8.51	30.87	20.1	2.16	2	-	-	-
B3	20190304	Cloudy	Light	Mid-Ebb	B	5	12:09	8.01	8.19	30.31	20.2	2.14	3	-	-	-
B3	20190304	Cloudy	Light	Mid-Ebb	S	1	12:10	8.42	8.46	31.13	20.1	1.27	4	-	-	-
B3	20190304	Cloudy	Light	Mid-Ebb	S	1	12:10	8.4	8.39	31.53	20.2	1.27	3	-	-	-

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B4	20190304	Cloudy	Light	Mid-Ebb	B	4.8	12:21	8.19	8.56	30.89	20.1	1.99	4	-	-	-
B4	20190304	Cloudy	Light	Mid-Ebb	B	4.8	12:21	8.33	8.44	30.74	20.2	1.92	3	-	-	-
B4	20190304	Cloudy	Light	Mid-Ebb	S	1	12:22	8.22	8.49	30.29	20.1	1.08	2	-	-	-
B4	20190304	Cloudy	Light	Mid-Ebb	S	1	12:22	8.5	8.46	31.3	20.2	1.03	3	-	-	-
C1	20190304	Cloudy	Light	Mid-Ebb	B	9.5	11:03	7.82	8.52	30.78	20.1	2.02	4	-	-	-
C1	20190304	Cloudy	Light	Mid-Ebb	B	9.5	11:03	8.37	8.13	30.37	20.1	1.94	5	-	-	-
C1	20190304	Cloudy	Light	Mid-Ebb	M	5.3	11:04	8.15	8.18	30.14	20.1	1.53	3	-	-	-
C1	20190304	Cloudy	Light	Mid-Ebb	M	5.3	11:04	8.76	8.29	30.79	20.2	1.63	4	-	-	-
C1	20190304	Cloudy	Light	Mid-Ebb	S	1	11:05	8.2	8.5	30.85	20.2	1.2	3	-	-	-
C1	20190304	Cloudy	Light	Mid-Ebb	S	1	11:05	8.27	8.14	30.15	20.1	1.25	3	-	-	-
C2	20190304	Cloudy	Light	Mid-Ebb	B	6.8	13:46	8.72	8.22	30.45	20.2	1.81	<2	-	-	-
C2	20190304	Cloudy	Light	Mid-Ebb	B	6.8	13:46	8.42	8.2	30.61	20.2	1.73	<2	-	-	-
C2	20190304	Cloudy	Light	Mid-Ebb	M	3.9	13:47	7.96	8.16	30.41	20.2	1.72	3	-	-	-
C2	20190304	Cloudy	Light	Mid-Ebb	M	3.9	13:47	7.93	8.24	31.53	20.1	1.68	2	-	-	-
C2	20190304	Cloudy	Light	Mid-Ebb	S	1	13:48	7.77	8.32	31.15	20.2	1.21	2	-	-	-
C2	20190304	Cloudy	Light	Mid-Ebb	S	1	13:48	7.65	8.38	30.89	20.2	1.11	2	-	-	-
F1	20190304	Cloudy	Light	Mid-Ebb	B	6.9	12:51	8.15	8.4	31.77	20.2	1.96	<2	-	-	-
F1	20190304	Cloudy	Light	Mid-Ebb	B	6.9	12:51	8.6	8.21	30.37	20.1	1.94	<2	-	-	-
F1	20190304	Cloudy	Light	Mid-Ebb	M	4	12:52	8.3	8.28	31.72	20.1	1.75	<2	-	-	-
F1	20190304	Cloudy	Light	Mid-Ebb	M	4	12:52	7.72	8.37	31.27	20.2	1.66	<2	-	-	-
F1	20190304	Cloudy	Light	Mid-Ebb	S	1	12:53	7.88	8.18	30.36	20.1	1	<2	-	-	-
F1	20190304	Cloudy	Light	Mid-Ebb	S	1	12:53	8.32	8.38	30.72	20.1	1.09	<2	-	-	-
H1	20190304	Cloudy	Light	Mid-Ebb	B	6.8	12:07	7.91	8.26	30.2	20.2	2.13	3	-	-	-
H1	20190304	Cloudy	Light	Mid-Ebb	B	6.8	12:07	8.69	8.54	31.9	20.1	2.18	2	-	-	-
H1	20190304	Cloudy	Light	Mid-Ebb	M	3.9	12:08	8.76	8.38	30.4	20.1	1.74	4	-	-	-
H1	20190304	Cloudy	Light	Mid-Ebb	M	3.9	12:08	8.5	8.52	30.94	20.2	1.7	5	-	-	-
H1	20190304	Cloudy	Light	Mid-Ebb	S	1	12:09	7.97	8.31	31.26	20.2	1.26	4	-	-	-
H1	20190304	Cloudy	Light	Mid-Ebb	S	1	12:09	7.92	8.55	31.92	20.1	1.28	4	-	-	-
M1	20190304	Cloudy	Light	Mid-Ebb	B	8.5	13:21	7.9	8.52	31.9	20.2	2.18	<2	-	-	-
M1	20190304	Cloudy	Light	Mid-Ebb	B	8.5	13:21	8.32	8.27	31	20.2	2.15	<2	-	-	-
M1	20190304	Cloudy	Light	Mid-Ebb	M	4.8	13:22	8.4	8.13	31.02	20.2	1.72	<2	-	-	-
M1	20190304	Cloudy	Light	Mid-Ebb	M	4.8	13:22	8.65	8.2	31.51	20.2	1.79	<2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
M1	20190304	Cloudy	Light	Mid-Ebb	S	1	13:23	7.97	8.39	31.72	20.1	1.01	3	-	-	-
M1	20190304	Cloudy	Light	Mid-Ebb	S	1	13:23	8.54	8.27	30.44	20.1	1.04	2	-	-	-
CR1	20190304	Cloudy	Light	Mid-Ebb	B	11.4	11:40	7.96	8.43	30.23	20.1	2.07	3	-	-	-
CR1	20190304	Cloudy	Light	Mid-Ebb	B	11.4	11:40	7.74	8.55	30.43	20.2	2.06	4	-	-	-
CR1	20190304	Cloudy	Light	Mid-Ebb	M	6.2	11:41	8.33	8.33	30.26	20.2	1.7	<2	-	-	-
CR1	20190304	Cloudy	Light	Mid-Ebb	M	6.2	11:41	8.64	8.16	31.09	20.2	1.74	<2	-	-	-
CR1	20190304	Cloudy	Light	Mid-Ebb	S	1	11:42	7.73	8.39	30.95	20.2	1.27	<2	-	-	-
CR1	20190304	Cloudy	Light	Mid-Ebb	S	1	11:42	8.03	8.14	30.37	20.2	1.18	3	-	-	-
CR2	20190304	Cloudy	Light	Mid-Ebb	B	9.5	12:30	7.71	8.35	31.23	20.1	1.93	3	-	-	-
CR2	20190304	Cloudy	Light	Mid-Ebb	B	9.5	12:30	7.95	8.29	31.4	20.2	1.95	3	-	-	-
CR2	20190304	Cloudy	Light	Mid-Ebb	M	5.3	12:31	8.47	8.14	30.98	20.2	1.69	3	-	-	-
CR2	20190304	Cloudy	Light	Mid-Ebb	M	5.3	12:31	8.43	8.45	30.2	20.2	1.64	4	-	-	-
CR2	20190304	Cloudy	Light	Mid-Ebb	S	1	12:32	8.29	8.16	30.6	20.1	1.33	4	-	-	-
CR2	20190304	Cloudy	Light	Mid-Ebb	S	1	12:32	8.34	8.51	30.9	20.1	1.31	4	-	-	-
B1	20190304	Cloudy	Light	Mid-Flood	B	4.7	15:54	8.22	9.16	29.18	20.2	2.01	<2	-	-	-
B1	20190304	Cloudy	Light	Mid-Flood	B	4.7	15:54	8.18	9.05	30.53	20.2	2.09	<2	-	-	-
B1	20190304	Cloudy	Light	Mid-Flood	S	1	15:55	8.65	8.95	30.74	20.1	1.33	2	-	-	-
B1	20190304	Cloudy	Light	Mid-Flood	S	1	15:55	8.26	9.23	29.68	20.2	1.37	3	-	-	-
B2	20190304	Cloudy	Light	Mid-Flood	B	5	16:09	8.36	9.14	30.19	20.2	2.17	<2	-	-	-
B2	20190304	Cloudy	Light	Mid-Flood	B	5	16:09	8.76	9.07	29.17	20.1	2.17	3	-	-	-
B2	20190304	Cloudy	Light	Mid-Flood	S	1	16:10	8.33	9.31	30.09	20.1	1.33	<2	-	-	-
B2	20190304	Cloudy	Light	Mid-Flood	S	1	16:10	8.06	9.2	29.35	20.1	1.3	2	-	-	-
B3	20190304	Cloudy	Light	Mid-Flood	B	4.9	16:35	8.55	9.21	30.92	20.2	2.07	3	-	-	-
B3	20190304	Cloudy	Light	Mid-Flood	B	4.9	16:35	8.36	9.06	29.34	20.2	2.05	3	-	-	-
B3	20190304	Cloudy	Light	Mid-Flood	S	1	16:36	7.87	9.17	31.32	20.1	1.13	<2	-	-	-
B3	20190304	Cloudy	Light	Mid-Flood	S	1	16:36	8.29	9.14	29.8	20.2	1.05	2	-	-	-
B4	20190304	Cloudy	Light	Mid-Flood	B	5	16:46	8.13	8.94	29.68	20.1	2.05	2	-	-	-
B4	20190304	Cloudy	Light	Mid-Flood	B	5	16:46	7.84	9	31.21	20.1	2	2	-	-	-
B4	20190304	Cloudy	Light	Mid-Flood	S	1	16:47	8.5	9.17	30.67	20.1	1.21	3	-	-	-
B4	20190304	Cloudy	Light	Mid-Flood	S	1	16:47	8.46	8.96	29.42	20.2	1.24	2	-	-	-
C1	20190304	Cloudy	Light	Mid-Flood	B	8.9	15:26	8.37	9.27	29.63	20.1	1.84	3	-	-	-
C1	20190304	Cloudy	Light	Mid-Flood	B	8.9	15:26	8.04	8.98	31.49	20.1	1.92	<2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C1	20190304	Cloudy	Light	Mid-Flood	M	5	15:27	8.56	9.24	31.18	20.1	1.55	3	-	-	-
C1	20190304	Cloudy	Light	Mid-Flood	M	5	15:27	8.56	8.97	29.34	20.2	1.45	<2	-	-	-
C1	20190304	Cloudy	Light	Mid-Flood	S	1	15:28	8.27	9.19	30.07	20.2	1.13	2	-	-	-
C1	20190304	Cloudy	Light	Mid-Flood	S	1	15:28	8.42	9.1	30.03	20.1	1.22	3	-	-	-
C2	20190304	Cloudy	Light	Mid-Flood	B	7.5	15:07	8.51	9.24	29.76	20.2	2.09	<2	-	-	-
C2	20190304	Cloudy	Light	Mid-Flood	B	7.5	15:07	8.13	9.08	31.44	20.2	2.17	3	-	-	-
C2	20190304	Cloudy	Light	Mid-Flood	M	4.3	15:08	8.39	8.94	30.36	20.2	1.7	2	-	-	-
C2	20190304	Cloudy	Light	Mid-Flood	M	4.3	15:08	7.97	9.18	29.98	20.1	1.77	3	-	-	-
C2	20190304	Cloudy	Light	Mid-Flood	S	1	15:09	8.38	9.23	31.33	20.2	1.25	<2	-	-	-
C2	20190304	Cloudy	Light	Mid-Flood	S	1	15:09	8.37	9.13	30.33	20.2	1.16	<2	-	-	-
F1	20190304	Cloudy	Light	Mid-Flood	B	7.8	17:16	8.74	9.19	29.62	20.1	2.13	3	-	-	-
F1	20190304	Cloudy	Light	Mid-Flood	B	7.8	17:16	8.39	9.03	29.6	20.2	2.18	2	-	-	-
F1	20190304	Cloudy	Light	Mid-Flood	M	4.4	17:17	8.26	9.01	30.4	20.2	1.54	3	-	-	-
F1	20190304	Cloudy	Light	Mid-Flood	M	4.4	17:17	8.31	9.13	29.59	20.2	1.46	4	-	-	-
F1	20190304	Cloudy	Light	Mid-Flood	S	1	17:18	8.31	8.94	31.17	20.1	1.14	4	-	-	-
F1	20190304	Cloudy	Light	Mid-Flood	S	1	17:18	8	9.09	31.21	20.2	1.05	3	-	-	-
H1	20190304	Cloudy	Light	Mid-Flood	B	7.2	17:01	8.01	9.15	30.36	20.1	2.18	3	-	-	-
H1	20190304	Cloudy	Light	Mid-Flood	B	7.2	17:01	8.18	8.92	29.39	20.2	2.08	4	-	-	-
H1	20190304	Cloudy	Light	Mid-Flood	M	4.1	17:02	7.89	8.98	30.58	20.2	1.7	3	-	-	-
H1	20190304	Cloudy	Light	Mid-Flood	M	4.1	17:02	8.43	9.02	30.11	20.1	1.76	<2	-	-	-
H1	20190304	Cloudy	Light	Mid-Flood	S	1	17:03	8.08	9.17	29.34	20.1	1.32	4	-	-	-
H1	20190304	Cloudy	Light	Mid-Flood	S	1	17:03	8.45	9.23	29.23	20.1	1.42	3	-	-	-
M1	20190304	Cloudy	Light	Mid-Flood	B	8	18:04	8.44	9	30.46	20.2	2.04	<2	-	-	-
M1	20190304	Cloudy	Light	Mid-Flood	B	8	18:04	8.05	8.96	30.98	20.1	2.02	3	-	-	-
M1	20190304	Cloudy	Light	Mid-Flood	M	4.5	18:05	8.21	9.28	30.22	20.1	1.4	3	-	-	-
M1	20190304	Cloudy	Light	Mid-Flood	M	4.5	18:05	7.96	9.09	29.49	20.2	1.44	<2	-	-	-
M1	20190304	Cloudy	Light	Mid-Flood	S	1	18:06	8.14	8.92	31.41	20.1	1.23	<2	-	-	-
M1	20190304	Cloudy	Light	Mid-Flood	S	1	18:06	8.7	9.22	29.94	20.2	1.31	3	-	-	-
CR1	20190304	Cloudy	Light	Mid-Flood	B	11.9	15:26	7.99	9.28	29.46	20.2	2.19	3	-	-	-
CR1	20190304	Cloudy	Light	Mid-Flood	B	11.9	15:26	8.04	8.94	30.34	20.2	2.19	3	-	-	-
CR1	20190304	Cloudy	Light	Mid-Flood	M	6.5	15:27	8.38	9.29	29.33	20.1	1.66	4	-	-	-
CR1	20190304	Cloudy	Light	Mid-Flood	M	6.5	15:27	8.16	9.1	31.39	20.1	1.59	2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR1	20190304	Cloudy	Light	Mid-Flood	S	1	15:28	8.56	9.32	31.09	20.1	1.22	4	-	-	-
CR1	20190304	Cloudy	Light	Mid-Flood	S	1	15:28	8.44	9.31	31.2	20.2	1.17	3	-	-	-
CR2	20190304	Cloudy	Light	Mid-Flood	B	9.7	16:46	7.92	9.27	29.26	20.2	2.02	5	-	-	-
CR2	20190304	Cloudy	Light	Mid-Flood	B	9.7	16:46	8.54	9.25	31.84	20.1	1.98	5	-	-	-
CR2	20190304	Cloudy	Light	Mid-Flood	M	5.4	16:47	8.27	8.92	30.28	20.2	1.67	4	-	-	-
CR2	20190304	Cloudy	Light	Mid-Flood	M	5.4	16:47	8.69	9.25	31.05	20.1	1.68	3	-	-	-
CR2	20190304	Cloudy	Light	Mid-Flood	S	1	16:48	8.15	9.03	30.25	20.2	1.03	4	-	-	-
CR2	20190304	Cloudy	Light	Mid-Flood	S	1	16:48	8.75	9.17	29.29	20.2	1.06	2	-	-	-
B1	20190306	Cloudy	Moderate	Mid-Ebb	B	4.1	12:40	9.04	9.46	32.15	19.4	2.24	5	-	-	-
B1	20190306	Cloudy	Moderate	Mid-Ebb	B	4.1	12:40	8.99	9.47	29.13	19.5	2.32	4	-	-	-
B1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:41	8.77	9.32	32.68	19.4	2.69	2	-	-	-
B1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:41	9.16	9.41	29.54	19.3	2.77	3	-	-	-
B2	20190306	Cloudy	Moderate	Mid-Ebb	B	4.6	12:55	9.26	9.23	32.38	19.5	2.79	4	-	-	-
B2	20190306	Cloudy	Moderate	Mid-Ebb	B	4.6	12:55	8.86	9.42	30.12	19	2.75	4	-	-	-
B2	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:56	9.17	9.31	30.54	19	2.42	<2	-	-	-
B2	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:56	9.1	9.09	32.75	19	2.39	2	-	-	-
B3	20190306	Cloudy	Moderate	Mid-Ebb	B	3.8	13:19	8.9	9.13	31.68	19.4	2.79	3	-	-	-
B3	20190306	Cloudy	Moderate	Mid-Ebb	B	3.8	13:19	9.17	9.32	32.88	19	2.71	2	-	-	-
B3	20190306	Cloudy	Moderate	Mid-Ebb	S	1	13:20	9.04	9.19	29.34	19.1	1.98	<2	-	-	-
B3	20190306	Cloudy	Moderate	Mid-Ebb	S	1	13:20	9.17	9.31	29.08	19.4	1.88	2	-	-	-
B4	20190306	Cloudy	Moderate	Mid-Ebb	B	4.5	13:28	9.13	9.21	29.84	19.2	2.93	4	-	-	-
B4	20190306	Cloudy	Moderate	Mid-Ebb	B	4.5	13:28	8.81	9.11	29.56	19	2.87	3	-	-	-
B4	20190306	Cloudy	Moderate	Mid-Ebb	S	1	13:29	8.78	9.45	30.38	19.1	2.04	3	-	-	-
B4	20190306	Cloudy	Moderate	Mid-Ebb	S	1	13:29	9.02	9.37	30.44	19.2	2.1	2	-	-	-
C1	20190306	Cloudy	Moderate	Mid-Ebb	B	8.4	12:12	8.97	9.21	32.4	19.3	2.71	3	-	-	-
C1	20190306	Cloudy	Moderate	Mid-Ebb	B	8.4	12:12	8.9	9.46	29.3	19.5	2.61	2	-	-	-
C1	20190306	Cloudy	Moderate	Mid-Ebb	M	4.7	12:13	8.74	9.39	31.76	19.2	2.58	<2	-	-	-
C1	20190306	Cloudy	Moderate	Mid-Ebb	M	4.7	12:13	8.9	9.34	30.4	19	2.61	<2	-	-	-
C1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:14	8.97	9.24	30.97	19.3	2.47	<2	-	-	-
C1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:14	8.83	9.38	29.24	19	2.4	<2	-	-	-
C2	20190306	Cloudy	Moderate	Mid-Ebb	B	6.8	14:53	8.74	9.02	29.82	19.1	2.85	2	-	-	-
C2	20190306	Cloudy	Moderate	Mid-Ebb	B	6.8	14:53	8.67	9.34	30.74	19.2	2.89	3	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C2	20190306	Cloudy	Moderate	Mid-Ebb	M	3.9	14:54	8.65	9.2	32.47	19.1	2.26	2	-	-	-
C2	20190306	Cloudy	Moderate	Mid-Ebb	M	3.9	14:54	9.24	9.14	29.82	19.2	2.34	3	-	-	-
C2	20190306	Cloudy	Moderate	Mid-Ebb	S	1	14:55	8.89	9.05	29.65	19.5	2.44	3	-	-	-
C2	20190306	Cloudy	Moderate	Mid-Ebb	S	1	14:55	9.27	9.36	29.7	19.3	2.37	4	-	-	-
F1	20190306	Cloudy	Moderate	Mid-Ebb	B	7	14:00	9.09	9.39	32.86	19.4	1.64	5	-	-	-
F1	20190306	Cloudy	Moderate	Mid-Ebb	B	7	14:00	9.14	9.14	31.73	19	1.55	4	-	-	-
F1	20190306	Cloudy	Moderate	Mid-Ebb	M	4	14:01	9.18	9.46	32.66	19.1	2.12	<2	-	-	-
F1	20190306	Cloudy	Moderate	Mid-Ebb	M	4	14:01	9.27	9.25	31.79	19.1	2.12	<2	-	-	-
F1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	14:02	8.66	9.36	32.14	19.3	2.92	<2	-	-	-
F1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	14:02	9.08	9.49	30.82	19.4	2.87	3	-	-	-
H1	20190306	Cloudy	Moderate	Mid-Ebb	B	7	13:18	8.86	9.18	31.4	19.5	2.9	<2	-	-	-
H1	20190306	Cloudy	Moderate	Mid-Ebb	B	7	13:18	9.04	9.04	29.28	19.2	2.94	<2	-	-	-
H1	20190306	Cloudy	Moderate	Mid-Ebb	M	4	13:19	9.05	9.32	31.33	19.3	2.11	<2	-	-	-
H1	20190306	Cloudy	Moderate	Mid-Ebb	M	4	13:19	9.01	9.41	32.23	19.4	2.19	<2	-	-	-
H1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	13:20	8.92	9.04	30.79	19.5	1.68	3	-	-	-
H1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	13:20	8.8	9.24	32.76	19.3	1.61	2	-	-	-
M1	20190306	Cloudy	Moderate	Mid-Ebb	B	8.6	12:28	9.01	9.24	30.05	19.4	2.85	3	-	-	-
M1	20190306	Cloudy	Moderate	Mid-Ebb	B	8.6	12:28	8.84	9.05	29.44	19.5	2.89	3	-	-	-
M1	20190306	Cloudy	Moderate	Mid-Ebb	M	4.8	12:29	8.7	9.35	32.72	19	1.53	<2	-	-	-
M1	20190306	Cloudy	Moderate	Mid-Ebb	M	4.8	12:29	9.26	9.4	32.5	19.2	1.61	<2	-	-	-
M1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:30	8.97	9.17	29.85	19.5	1.84	<2	-	-	-
M1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:30	8.85	9.45	29.9	19.1	1.82	2	-	-	-
CR1	20190306	Cloudy	Moderate	Mid-Ebb	B	11.7	12:54	8.86	9.45	29.6	19.2	2.25	3	-	-	-
CR1	20190306	Cloudy	Moderate	Mid-Ebb	B	11.7	12:54	8.77	9.22	30.38	19.2	2.21	2	-	-	-
CR1	20190306	Cloudy	Moderate	Mid-Ebb	M	6.4	12:55	9	9.44	31.82	19.2	1.8	<2	-	-	-
CR1	20190306	Cloudy	Moderate	Mid-Ebb	M	6.4	12:55	9.03	9.47	32.22	19	1.74	<2	-	-	-
CR1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:56	9.17	9.27	31.01	19.5	2.45	3	-	-	-
CR1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:56	8.72	9.19	30.22	19.2	2.44	2	-	-	-
CR2	20190306	Cloudy	Moderate	Mid-Ebb	B	9.4	13:06	8.68	9.45	29.72	19.4	2.99	<2	-	-	-
CR2	20190306	Cloudy	Moderate	Mid-Ebb	B	9.4	13:06	8.97	9.06	31.69	19.1	2.95	<2	-	-	-
CR2	20190306	Cloudy	Moderate	Mid-Ebb	M	5.2	13:07	9.1	9.24	32.47	19.2	2.27	<2	-	-	-
CR2	20190306	Cloudy	Moderate	Mid-Ebb	M	5.2	13:07	8.88	9.41	31.13	19.1	2.32	<2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR2	20190306	Cloudy	Moderate	Mid-Ebb	S	1	13:08	8.64	9.5	31.02	19.1	1.74	<2	-	-	-
CR2	20190306	Cloudy	Moderate	Mid-Ebb	S	1	13:08	9.21	9.23	31.98	19.3	1.8	3	-	-	-
B3	20190306	Cloudy	Moderate	Mid-Flood	B	5	16:04	9.03	9.35	30.79	19.3	2.54	2	-	-	-
B3	20190306	Cloudy	Moderate	Mid-Flood	B	5	16:04	9.15	9.46	32.02	19.3	2.44	3	-	-	-
B3	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:05	9.1	9.2	32.47	19.5	1.6	4	-	-	-
B3	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:05	8.84	9.38	30.71	19.5	1.5	4	-	-	-
B4	20190306	Cloudy	Moderate	Mid-Flood	B	5.1	16:15	8.68	9.32	32.49	19	1.67	3	-	-	-
B4	20190306	Cloudy	Moderate	Mid-Flood	B	5.1	16:15	8.77	9.34	32.16	19.1	1.66	2	-	-	-
B4	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:16	9.07	9.14	29.76	19.1	2.95	3	-	-	-
B4	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:16	8.92	9.19	29.74	19.4	2.86	2	-	-	-
C2	20190306	Cloudy	Moderate	Mid-Flood	B	7.2	15:25	9.14	9.27	31.58	19.2	2.76	<2	-	-	-
C2	20190306	Cloudy	Moderate	Mid-Flood	B	7.2	15:25	9.12	9.1	31.15	19.3	2.74	3	-	-	-
C2	20190306	Cloudy	Moderate	Mid-Flood	M	4.1	15:26	8.77	9.16	31.69	19	1.73	2	-	-	-
C2	20190306	Cloudy	Moderate	Mid-Flood	M	4.1	15:26	8.66	9.11	31.73	19.4	1.75	3	-	-	-
C2	20190306	Cloudy	Moderate	Mid-Flood	S	1	15:27	8.95	9.37	29.5	19.5	2.44	<2	-	-	-
C2	20190306	Cloudy	Moderate	Mid-Flood	S	1	15:27	8.68	9.41	31.5	19.2	2.37	<2	-	-	-
F1	20190306	Cloudy	Moderate	Mid-Flood	B	7.8	16:44	9.02	9.43	32.62	19.1	2.09	<2	-	-	-
F1	20190306	Cloudy	Moderate	Mid-Flood	B	7.8	16:44	8.73	9.16	29.42	19.5	2.07	<2	-	-	-
F1	20190306	Cloudy	Moderate	Mid-Flood	M	4.4	16:45	8.78	9.29	32.59	19.2	2.07	<2	-	-	-
F1	20190306	Cloudy	Moderate	Mid-Flood	M	4.4	16:45	9.02	9.06	31.47	19.2	2.04	<2	-	-	-
F1	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:46	9.27	9.27	32.43	19.3	2.88	2	-	-	-
F1	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:46	9.25	9.35	29.8	19.4	2.88	2	-	-	-
H1	20190306	Cloudy	Moderate	Mid-Flood	B	7.3	15:46	9.22	9.45	31.55	19.5	2.1	2	-	-	-
H1	20190306	Cloudy	Moderate	Mid-Flood	B	7.3	15:46	8.92	9.43	31.67	19.2	2.2	2	-	-	-
H1	20190306	Cloudy	Moderate	Mid-Flood	M	4.2	15:47	8.84	9.5	32.33	19.5	1.87	2	-	-	-
H1	20190306	Cloudy	Moderate	Mid-Flood	M	4.2	15:47	9.1	9.27	31.48	19	1.83	Note 2	-	-	-
H1	20190306	Cloudy	Moderate	Mid-Flood	S	1	15:48	9.24	9.4	29.31	19	2.64	<2	-	-	-
H1	20190306	Cloudy	Moderate	Mid-Flood	S	1	15:48	8.67	9.16	31.85	19.5	2.65	<2	-	-	-
M1	20190306	Cloudy	Moderate	Mid-Flood	B	9	17:20	9.05	9.47	29.66	19	2.96	<2	-	-	-
M1	20190306	Cloudy	Moderate	Mid-Flood	B	9	17:20	9.12	9.16	30.4	19.5	2.86	<2	-	-	-
M1	20190306	Cloudy	Moderate	Mid-Flood	M	5	17:21	8.74	9.5	30.59	19	2.8	<2	-	-	-
M1	20190306	Cloudy	Moderate	Mid-Flood	M	5	17:21	8.81	9.03	30.15	19	2.88	<2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
M1	20190306	Cloudy	Moderate	Mid-Flood	S	1	17:22	8.73	9.28	29.65	19.4	2.04	<2	-	-	-
M1	20190306	Cloudy	Moderate	Mid-Flood	S	1	17:22	8.83	9.48	30.68	19	2.08	2	-	-	-
CR1	20190306	Cloudy	Moderate	Mid-Flood	B	11.3	15:42	9.27	9.22	32.71	19.3	2.72	<2	-	-	-
CR1	20190306	Cloudy	Moderate	Mid-Flood	B	11.3	15:42	9.04	9.19	29.9	19.3	2.75	2	-	-	-
CR1	20190306	Cloudy	Moderate	Mid-Flood	M	6.2	15:43	8.98	9.19	32.62	19	2.36	<2	-	-	-
CR1	20190306	Cloudy	Moderate	Mid-Flood	M	6.2	15:43	9	9.2	31.7	19.1	2.46	<2	-	-	-
CR1	20190306	Cloudy	Moderate	Mid-Flood	S	1	15:44	8.94	9.06	29.7	19.5	2.94	<2	-	-	-
CR1	20190306	Cloudy	Moderate	Mid-Flood	S	1	15:44	9.27	9.1	30.09	19.1	2.88	2	-	-	-
CR2	20190306	Cloudy	Moderate	Mid-Flood	B	9.7	17:03	8.64	9.32	32.17	19.2	2.97	<2	-	-	-
CR2	20190306	Cloudy	Moderate	Mid-Flood	B	9.7	17:03	8.89	9.21	31.57	19.5	2.98	<2	-	-	-
CR2	20190306	Cloudy	Moderate	Mid-Flood	M	5.4	17:04	8.83	9.49	32.66	19.3	1.69	4	-	-	-
CR2	20190306	Cloudy	Moderate	Mid-Flood	M	5.4	17:04	9.17	9.05	31.64	19.4	1.67	5	-	-	-
CR2	20190306	Cloudy	Moderate	Mid-Flood	S	1	17:05	8.96	9.45	30.81	19.3	2.17	8	-	-	-
CR2	20190306	Cloudy	Moderate	Mid-Flood	S	1	17:05	9.28	9.5	29.98	19.1	2.17	7	-	-	-
B1	20190308	Cloudy	Light	Mid-Ebb	B	4.9	12:33	7.67	8.78	29.26	17.8	4.5	4	-	-	-
B1	20190308	Cloudy	Light	Mid-Ebb	B	4.9	12:33	7.75	9.11	31.74	17.9	4.53	3	-	-	-
B1	20190308	Cloudy	Light	Mid-Ebb	S	1	12:34	8.16	9.04	31.73	18.2	3.94	3	-	-	-
B1	20190308	Cloudy	Light	Mid-Ebb	S	1	12:34	7.94	9.24	30.93	18.2	4.13	4	-	-	-
B2	20190308	Cloudy	Light	Mid-Ebb	B	4.2	12:48	7.65	9.08	31.78	17.9	4.81	8	-	-	-
B2	20190308	Cloudy	Light	Mid-Ebb	B	4.2	12:48	7.89	8.86	31.96	17.8	4.68	7	-	-	-
B2	20190308	Cloudy	Light	Mid-Ebb	S	1	12:49	8.58	9.18	29.69	18.1	3.65	4	-	-	-
B2	20190308	Cloudy	Light	Mid-Ebb	S	1	12:49	8.58	8.78	31.66	18.2	3.77	5	-	-	-
B3	20190308	Cloudy	Light	Mid-Ebb	B	4.3	13:13	8.83	9.12	31.1	18	4.54	4	-	-	-
B3	20190308	Cloudy	Light	Mid-Ebb	B	4.3	13:13	7.77	9.22	30.51	18	4.72	4	-	-	-
B3	20190308	Cloudy	Light	Mid-Ebb	S	1	13:14	8.27	8.9	29.55	17.8	3.88	4	-	-	-
B3	20190308	Cloudy	Light	Mid-Ebb	S	1	13:14	8.19	9.26	29.91	17.9	3.86	3	-	-	-
B4	20190308	Cloudy	Light	Mid-Ebb	B	5	13:23	8.1	8.75	29.16	18	4.66	3	-	-	-
B4	20190308	Cloudy	Light	Mid-Ebb	B	5	13:23	8.61	8.85	31.98	18.1	4.77	3	-	-	-
B4	20190308	Cloudy	Light	Mid-Ebb	S	1	13:24	7.89	9.16	31.2	18	3.83	5	-	-	-
B4	20190308	Cloudy	Light	Mid-Ebb	S	1	13:24	7.84	9.08	31.76	18	3.71	5	-	-	-
C1	20190308	Cloudy	Light	Mid-Ebb	B	9.1	12:04	7.63	8.96	30.59	18.1	4.82	8	-	-	-
C1	20190308	Cloudy	Light	Mid-Ebb	B	9.1	12:04	7.65	8.72	29.66	17.8	4.67	8	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C1	20190308	Cloudy	Light	Mid-Ebb	M	5.1	12:05	8.4	9.22	31.88	18.2	4.05	5	-	-	-
C1	20190308	Cloudy	Light	Mid-Ebb	M	5.1	12:05	8.6	9.19	30.37	18.2	3.95	4	-	-	-
C1	20190308	Cloudy	Light	Mid-Ebb	S	1	12:06	8.58	9.03	30.34	18.1	3.8	3	-	-	-
C1	20190308	Cloudy	Light	Mid-Ebb	S	1	12:06	7.58	9.24	30.92	17.9	3.95	3	-	-	-
C2	20190308	Cloudy	Light	Mid-Ebb	B	6.7	14:53	8.02	8.92	30.81	18.2	4.64	5	-	-	-
C2	20190308	Cloudy	Light	Mid-Ebb	B	6.7	14:53	7.63	8.9	29.3	17.8	4.71	4	-	-	-
C2	20190308	Cloudy	Light	Mid-Ebb	M	3.9	14:54	7.88	9.03	30.05	18	4.45	2	-	-	-
C2	20190308	Cloudy	Light	Mid-Ebb	M	3.9	14:54	8.56	8.78	30.63	18.1	4.62	3	-	-	-
C2	20190308	Cloudy	Light	Mid-Ebb	S	1	14:55	8.66	9.24	30.99	18	3.62	4	-	-	-
C2	20190308	Cloudy	Light	Mid-Ebb	S	1	14:55	8.36	8.8	30.56	18.2	3.77	5	-	-	-
F1	20190308	Cloudy	Light	Mid-Ebb	B	6.2	13:55	8.17	9.14	31.17	17.9	4.95	4	-	-	-
F1	20190308	Cloudy	Light	Mid-Ebb	B	6.2	13:55	7.77	8.72	30.74	18.1	4.83	3	-	-	-
F1	20190308	Cloudy	Light	Mid-Ebb	M	3.6	13:56	8.69	9.03	30.85	18.1	4.41	5	-	-	-
F1	20190308	Cloudy	Light	Mid-Ebb	M	3.6	13:56	8.74	8.76	29.98	17.8	4.55	4	-	-	-
F1	20190308	Cloudy	Light	Mid-Ebb	S	1	13:57	8.57	9.09	29.75	18.2	3.63	5	-	-	-
F1	20190308	Cloudy	Light	Mid-Ebb	S	1	13:57	7.64	9.25	29.78	18	3.63	4	-	-	-
H1	20190308	Cloudy	Light	Mid-Ebb	B	6.5	13:20	8.77	9.07	31.07	17.9	4.54	6	-	-	-
H1	20190308	Cloudy	Light	Mid-Ebb	B	6.5	13:20	8.19	9.1	31.84	17.9	4.72	5	-	-	-
H1	20190308	Cloudy	Light	Mid-Ebb	M	3.8	13:21	8.67	9.17	29.49	18	4.25	4	-	-	-
H1	20190308	Cloudy	Light	Mid-Ebb	M	3.8	13:21	7.78	9.25	29.1	17.8	4.36	4	-	-	-
H1	20190308	Cloudy	Light	Mid-Ebb	S	1	13:22	7.78	9.11	31.31	18.2	3.59	3	-	-	-
H1	20190308	Cloudy	Light	Mid-Ebb	S	1	13:22	7.62	8.89	31.77	17.9	3.51	3	-	-	-
M1	20190308	Cloudy	Light	Mid-Ebb	B	8.5	14:26	8.46	8.94	31.27	17.8	4.57	8	-	-	-
M1	20190308	Cloudy	Light	Mid-Ebb	B	8.5	14:26	7.96	8.83	31.18	18.1	4.58	9	-	-	-
M1	20190308	Cloudy	Light	Mid-Ebb	M	4.8	14:27	7.77	9.26	31.61	18.1	4.25	4	-	-	-
M1	20190308	Cloudy	Light	Mid-Ebb	M	4.8	14:27	8.73	8.86	29.42	18	4.34	5	-	-	-
M1	20190308	Cloudy	Light	Mid-Ebb	S	1	14:28	7.6	9.25	30.4	18.2	3.69	5	-	-	-
M1	20190308	Cloudy	Light	Mid-Ebb	S	1	14:28	8.41	8.72	31.26	17.8	3.56	4	-	-	-
CR1	20190308	Cloudy	Light	Mid-Ebb	B	10.7	12:56	7.76	9.03	29.32	17.8	4.71	7	-	-	-
CR1	20190308	Cloudy	Light	Mid-Ebb	B	10.7	12:56	8.57	9.02	31.75	18	4.83	6	-	-	-
CR1	20190308	Cloudy	Light	Mid-Ebb	M	5.9	12:57	8.45	8.74	29.42	17.8	4.32	7	-	-	-
CR1	20190308	Cloudy	Light	Mid-Ebb	M	5.9	12:57	8.55	9.23	29.97	18.1	4.21	8	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR1	20190308	Cloudy	Light	Mid-Ebb	S	1	12:58	7.71	9.06	30.62	18.2	3.81	6	-	-	-
CR1	20190308	Cloudy	Light	Mid-Ebb	S	1	12:58	8.33	9.19	29.45	18.2	3.93	8	-	-	-
CR2	20190308	Cloudy	Light	Mid-Ebb	B	9.2	13:08	7.85	8.75	31.56	18.1	4.51	7	-	-	-
CR2	20190308	Cloudy	Light	Mid-Ebb	B	9.2	13:08	8.04	9.25	30.74	18.2	4.52	7	-	-	-
CR2	20190308	Cloudy	Light	Mid-Ebb	M	5.1	13:09	8.15	9.1	29.67	18.1	4.22	7	-	-	-
CR2	20190308	Cloudy	Light	Mid-Ebb	M	5.1	13:09	8.37	9.2	30.63	18.2	4.29	7	-	-	-
CR2	20190308	Cloudy	Light	Mid-Ebb	S	1	13:10	7.82	8.97	30.83	17.8	3.65	7	-	-	-
CR2	20190308	Cloudy	Light	Mid-Ebb	S	1	13:10	7.82	9.11	30.01	17.8	3.78	7	-	-	-
B1	20190308	Cloudy	Moderate	Mid-Flood	B	4.5	17:12	8.35	8.78	29.36	18	4.5	2	-	-	-
B1	20190308	Cloudy	Moderate	Mid-Flood	B	4.5	17:12	7.82	8.93	31.48	17.7	4.48	4	-	-	-
B1	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:13	8.24	8.82	31.32	17.9	3.76	<2	-	-	-
B1	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:13	8.84	9.19	29.76	18	3.95	3	-	-	-
B2	20190308	Cloudy	Moderate	Mid-Flood	B	5.1	17:30	7.85	8.85	31.43	17.8	4.7	3	-	-	-
B2	20190308	Cloudy	Moderate	Mid-Flood	B	5.1	17:30	8.93	8.84	30.74	17.8	4.67	3	-	-	-
B2	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:31	7.54	9.04	29.56	18	3.57	2	-	-	-
B2	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:31	8.8	8.8	30.5	17.9	3.48	2	-	-	-
B3	20190308	Cloudy	Moderate	Mid-Flood	B	4.7	17:57	8.74	8.91	29.7	17.7	4.94	3	-	-	-
B3	20190308	Cloudy	Moderate	Mid-Flood	B	4.7	17:57	8.91	8.9	30.99	18	4.8	4	-	-	-
B3	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:58	8.92	9.08	31.92	18	3.77	<2	-	-	-
B3	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:58	8.78	9.02	31.36	17.9	3.71	3	-	-	-
B4	20190308	Cloudy	Moderate	Mid-Flood	B	5.2	18:09	8.1	9.09	30.3	17.8	4.74	4	-	-	-
B4	20190308	Cloudy	Moderate	Mid-Flood	B	5.2	18:09	8.91	8.91	31.88	17.9	4.62	4	-	-	-
B4	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:10	8.55	9.15	31.64	17.7	3.67	3	-	-	-
B4	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:10	7.77	8.81	30.93	17.7	3.85	3	-	-	-
C1	20190308	Cloudy	Moderate	Mid-Flood	B	11	16:43	8.23	8.79	29.82	17.7	4.81	4	-	-	-
C1	20190308	Cloudy	Moderate	Mid-Flood	B	11	16:43	8.84	9.13	30.94	17.9	4.87	3	-	-	-
C1	20190308	Cloudy	Moderate	Mid-Flood	M	6	16:44	7.79	9.08	29.65	17.7	4.33	3	-	-	-
C1	20190308	Cloudy	Moderate	Mid-Flood	M	6	16:44	8.18	9.12	31.67	17.9	4.35	4	-	-	-
C1	20190308	Cloudy	Moderate	Mid-Flood	S	1	16:45	7.55	8.89	29.96	17.9	3.95	4	-	-	-
C1	20190308	Cloudy	Moderate	Mid-Flood	S	1	16:45	8.12	8.8	29.91	17.9	3.86	3	-	-	-
C2	20190308	Cloudy	Moderate	Mid-Flood	B	8	16:38	8.12	8.84	31.92	17.9	4.58	4	-	-	-
C2	20190308	Cloudy	Moderate	Mid-Flood	B	8	16:38	8.59	8.87	30.06	17.7	4.56	4	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C2	20190308	Cloudy	Moderate	Mid-Flood	M	4.5	16:39	7.92	8.98	31.9	17.9	4	4	-	-	-
C2	20190308	Cloudy	Moderate	Mid-Flood	M	4.5	16:39	8.25	9.15	30.86	17.7	4	3	-	-	-
C2	20190308	Cloudy	Moderate	Mid-Flood	S	1	16:40	8.76	8.91	31.74	17.8	3.69	4	-	-	-
C2	20190308	Cloudy	Moderate	Mid-Flood	S	1	16:40	8.07	9	29.91	18	3.8	3	-	-	-
F1	20190308	Cloudy	Moderate	Mid-Flood	B	6.7	18:41	7.83	8.8	29.86	17.9	4.85	2	-	-	-
F1	20190308	Cloudy	Moderate	Mid-Flood	B	6.7	18:41	7.61	8.99	29.71	17.9	4.78	3	-	-	-
F1	20190308	Cloudy	Moderate	Mid-Flood	M	3.9	18:42	8.13	9.04	31.47	18	4.28	2	-	-	-
F1	20190308	Cloudy	Moderate	Mid-Flood	M	3.9	18:42	7.94	8.79	29.71	17.8	4.34	3	-	-	-
F1	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:43	8.77	9.12	30.87	17.8	3.76	4	-	-	-
F1	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:43	7.71	9.02	29.91	17.8	3.56	4	-	-	-
H1	20190308	Cloudy	Moderate	Mid-Flood	B	7.1	16:57	7.67	8.87	31.83	17.8	4.76	3	-	-	-
H1	20190308	Cloudy	Moderate	Mid-Flood	B	7.1	16:57	8.74	8.97	29.35	18	4.87	3	-	-	-
H1	20190308	Cloudy	Moderate	Mid-Flood	M	4.1	16:58	8.39	8.96	29.21	17.7	4.13	4	-	-	-
H1	20190308	Cloudy	Moderate	Mid-Flood	M	4.1	16:58	8.13	8.92	30.91	17.8	4.31	4	-	-	-
H1	20190308	Cloudy	Moderate	Mid-Flood	S	1	16:59	8.18	8.98	29.78	17.9	3.63	3	-	-	-
H1	20190308	Cloudy	Moderate	Mid-Flood	S	1	16:59	8.49	9.07	30.97	18	3.5	2	-	-	-
M1	20190308	Cloudy	Moderate	Mid-Flood	B	8.9	19:11	8.56	8.93	30.42	17.8	4.86	3	-	-	-
M1	20190308	Cloudy	Moderate	Mid-Flood	B	8.9	19:11	8.26	8.92	29.11	17.9	4.93	4	-	-	-
M1	20190308	Cloudy	Moderate	Mid-Flood	M	5	19:12	7.93	9.19	31.22	17.9	4.14	3	-	-	-
M1	20190308	Cloudy	Moderate	Mid-Flood	M	5	19:12	7.73	9.18	30.14	17.7	4.13	3	-	-	-
M1	20190308	Cloudy	Moderate	Mid-Flood	S	1	19:13	7.93	9.17	30.98	17.9	3.61	5	-	-	-
M1	20190308	Cloudy	Moderate	Mid-Flood	S	1	19:13	8.53	8.98	30.85	18	3.52	4	-	-	-
CR1	20190308	Cloudy	Moderate	Mid-Flood	B	11.7	17:14	8.08	9.18	30.88	17.8	4.5	4	-	-	-
CR1	20190308	Cloudy	Moderate	Mid-Flood	B	11.7	17:14	8.45	9.02	31.49	18	4.64	3	-	-	-
CR1	20190308	Cloudy	Moderate	Mid-Flood	M	6.4	17:15	7.7	9.2	30.54	18	4.45	3	-	-	-
CR1	20190308	Cloudy	Moderate	Mid-Flood	M	6.4	17:15	7.58	8.97	31.39	17.9	4.37	4	-	-	-
CR1	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:16	8.69	8.91	30.58	17.8	3.7	3	-	-	-
CR1	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:16	7.8	9.19	30.2	18	3.64	4	-	-	-
CR2	20190308	Cloudy	Moderate	Mid-Flood	B	10.6	18:29	8.98	8.93	30	17.7	4.89	3	-	-	-
CR2	20190308	Cloudy	Moderate	Mid-Flood	B	10.6	18:29	8.74	9.1	29.22	17.8	4.82	2	-	-	-
CR2	20190308	Cloudy	Moderate	Mid-Flood	M	5.8	18:30	8.39	9.13	30.04	17.9	4.42	2	-	-	-
CR2	20190308	Cloudy	Moderate	Mid-Flood	M	5.8	18:30	7.79	8.92	29.7	17.9	4.61	3	-	-	-

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 Integrated Waste Management Facilities, Phase 1
 Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR2	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:31	7.65	8.91	29.38	18	3.88	5	-	-	-
CR2	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:31	8.5	9.05	30.33	17.9	3.81	4	-	-	-
B1	20190311	Sunny	Light	Mid-Flood	B	5.3	10:49	10.31	9.01	31.01	17.8	2.11	5	113	0.143	NW
B1	20190311	Sunny	Light	Mid-Flood	B	5.3	10:49	10.26	8.9	31.73	17.5	2.16	4	112	0.275	SW
B1	20190311	Sunny	Light	Mid-Flood	S	1	10:50	10.24	9.14	31.65	17.6	1.42	4	111	0.185	W
B1	20190311	Sunny	Light	Mid-Flood	S	1	10:50	10.25	8.98	30.68	17.5	1.49	4	112	0.201	W
B2	20190311	Sunny	Light	Mid-Flood	B	5	11:05	10.69	8.95	31.52	17.8	2.09	3	113	0.238	W
B2	20190311	Sunny	Light	Mid-Flood	B	5	11:05	10.61	8.94	29.11	17.7	2.13	4	112	0.132	SW
B2	20190311	Sunny	Light	Mid-Flood	S	1	11:06	10.74	8.96	29.19	17.8	2.23	3	112	0.157	SW
B2	20190311	Sunny	Light	Mid-Flood	S	1	11:06	10.79	8.83	30.76	17.8	2.25	4	113	0.25	SW
B3	20190311	Sunny	Light	Mid-Flood	B	4.3	11:23	10.39	9.05	31.63	17.6	1.24	4	113	0.276	SW
B3	20190311	Sunny	Light	Mid-Flood	B	4.3	11:23	10.47	8.96	30.91	17.6	1.17	5	112	0.276	SW
B3	20190311	Sunny	Light	Mid-Flood	S	1	11:24	10.34	9.21	30.66	17.7	1.57	2	113	0.27	W
B3	20190311	Sunny	Light	Mid-Flood	S	1	11:24	10.48	8.87	30.09	17.5	1.6	3	113	0.134	NW
B4	20190311	Sunny	Light	Mid-Flood	B	5.4	11:33	10.18	8.91	30.01	17.5	1.59	5	114	0.135	W
B4	20190311	Sunny	Light	Mid-Flood	B	5.4	11:33	10.06	8.9	30.76	17.6	1.63	6	112	0.176	SW
B4	20190311	Sunny	Light	Mid-Flood	S	1	11:34	10.09	9.06	31.39	17.6	1.68	5	113	0.199	SW
B4	20190311	Sunny	Light	Mid-Flood	S	1	11:34	10.06	9.22	31.38	17.5	1.64	4	113	0.258	W
C1	20190311	Sunny	Light	Mid-Flood	B	9.2	10:24	10.23	9.06	29.96	17.7	2.22	6	113	0.156	NW
C1	20190311	Sunny	Light	Mid-Flood	B	9.2	10:24	10.25	8.83	29.47	17.5	2.14	7	113	0.203	SW
C1	20190311	Sunny	Light	Mid-Flood	M	5.1	10:25	10.39	8.99	30.58	17.8	1.45	8	112	0.216	W
C1	20190311	Sunny	Light	Mid-Flood	M	5.1	10:25	10.53	8.83	29.07	17.5	1.47	7	113	0.231	SW
C1	20190311	Sunny	Light	Mid-Flood	S	1	10:26	10.71	9.06	31.51	17.6	1.4	5	113	0.159	W
C1	20190311	Sunny	Light	Mid-Flood	S	1	10:26	10.77	8.89	31.81	17.8	1.44	4	114	0.228	W
C2	20190311	Sunny	Light	Mid-Flood	B	7.4	9:23	10.06	9.08	29.68	17.7	2.07	6	113	0.225	W
C2	20190311	Sunny	Light	Mid-Flood	B	7.4	9:23	10.03	9.24	31.86	17.8	2.06	6	113	0.215	W
C2	20190311	Sunny	Light	Mid-Flood	M	4.2	9:24	10.22	8.97	30.03	17.6	1.88	6	113	0.244	SW
C2	20190311	Sunny	Light	Mid-Flood	M	4.2	9:24	10.03	8.94	30.96	17.5	1.86	5	112	0.19	SW
C2	20190311	Sunny	Light	Mid-Flood	S	1	9:25	10.13	9.16	29.28	17.8	1.43	5	112	0.168	W
C2	20190311	Sunny	Light	Mid-Flood	S	1	9:25	10.19	8.95	31.5	17.5	1.38	6	113	0.137	W
F1	20190311	Sunny	Light	Mid-Flood	B	7.8	9:46	10.35	8.83	31.27	17.6	2.19	4	112	0.196	W
F1	20190311	Sunny	Light	Mid-Flood	B	7.8	9:46	10.23	8.9	31.39	17.8	2.11	3	113	0.292	W

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 Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
F1	20190311	Sunny	Light	Mid-Flood	M	4.4	9:47	10.19	9.18	29.37	17.5	1.41	4	112	0.221	W
F1	20190311	Sunny	Light	Mid-Flood	M	4.4	9:47	10.32	9.07	29.98	17.7	1.42	4	113	0.205	NW
F1	20190311	Sunny	Light	Mid-Flood	S	1	9:48	10.32	9.14	30.34	17.7	2.12	7	113	0.285	W
F1	20190311	Sunny	Light	Mid-Flood	S	1	9:48	10.3	9.21	29.83	17.7	2.22	7	113	0.127	W
H1	20190311	Sunny	Light	Mid-Flood	B	7.2	11:05	10.88	8.76	29.15	17.8	1.84	5	113	0.175	W
H1	20190311	Sunny	Light	Mid-Flood	B	7.2	11:05	10.68	8.97	29.67	17.5	1.81	4	113	0.124	NW
H1	20190311	Sunny	Light	Mid-Flood	M	4.1	11:06	10.52	8.77	30.55	17.8	2.11	6	113	0.24	W
H1	20190311	Sunny	Light	Mid-Flood	M	4.1	11:06	10.42	8.76	30.87	17.8	2.04	6	113	0.261	W
H1	20190311	Sunny	Light	Mid-Flood	S	1	11:07	10.25	8.9	29.74	17.7	1.94	6	113	0.173	W
H1	20190311	Sunny	Light	Mid-Flood	S	1	11:07	10.28	8.78	29.17	17.5	1.95	7	113	0.266	SW
M1	20190311	Sunny	Light	Mid-Flood	B	9.2	10:20	10.43	8.78	30.87	17.7	1.87	5	112	0.22	SW
M1	20190311	Sunny	Light	Mid-Flood	B	9.2	10:20	10.24	9.01	31.29	17.5	1.88	6	113	0.227	W
M1	20190311	Sunny	Light	Mid-Flood	M	5.1	10:21	10.43	8.88	31.65	17.8	1.67	4	112	0.217	W
M1	20190311	Sunny	Light	Mid-Flood	M	5.1	10:21	10.56	8.8	30.06	17.5	1.77	5	112	0.236	NW
M1	20190311	Sunny	Light	Mid-Flood	S	1	10:22	10.68	9.09	30.68	17.5	2.06	4	111	0.17	SW
M1	20190311	Sunny	Light	Mid-Flood	S	1	10:22	10.61	9.07	29.55	17.7	2.14	3	113	0.19	W
CR1	20190311	Sunny	Light	Mid-Flood	B	11	9:33	9.89	8.78	30.71	17.7	2.12	3	112	0.142	W
CR1	20190311	Sunny	Light	Mid-Flood	B	11	9:33	9.88	8.75	29.99	17.7	2.12	3	112	0.222	SW
CR1	20190311	Sunny	Light	Mid-Flood	M	6	9:34	9.95	8.86	30.55	17.5	1.72	4	112	0.198	W
CR1	20190311	Sunny	Light	Mid-Flood	M	6	9:34	10	8.77	31.84	17.5	1.76	4	112	0.203	SW
CR1	20190311	Sunny	Light	Mid-Flood	S	1	9:35	9.95	8.77	30.82	17.8	1.98	6	113	0.285	W
CR1	20190311	Sunny	Light	Mid-Flood	S	1	9:35	10.1	9.22	31.25	17.8	1.98	7	112	0.193	W
CR2	20190311	Sunny	Light	Mid-Flood	B	10.9	9:57	9.52	9.06	30.66	17.8	1.51	3	112	0.191	W
CR2	20190311	Sunny	Light	Mid-Flood	B	10.9	9:57	9.55	9.11	30.25	17.7	1.52	4	111	0.165	SW
CR2	20190311	Sunny	Light	Mid-Flood	M	6	9:58	9.68	9.27	31.39	17.8	2.2	3	113	0.224	W
CR2	20190311	Sunny	Light	Mid-Flood	M	6	9:58	9.84	8.72	29.15	17.8	2.28	4	112	0.188	W
CR2	20190311	Sunny	Light	Mid-Flood	S	1	9:59	10.03	8.75	29.77	17.5	1.53	3	113	0.178	SW
CR2	20190311	Sunny	Light	Mid-Flood	S	1	9:59	9.98	8.82	31.1	17.5	1.55	3	113	0.267	W
S1	20190311	Sunny	Light	Mid-Flood	B	4.8	10:57	10.11	8.85	29.14	17.5	2.01	3	112	0.287	W
S1	20190311	Sunny	Light	Mid-Flood	B	4.8	10:57	10.18	9.05	29.34	17.6	1.99	2	113	0.206	SW
S1	20190311	Sunny	Light	Mid-Flood	S	1	10:58	10.14	9.08	29.69	17.8	1.4	4	113	0.152	SW
S1	20190311	Sunny	Light	Mid-Flood	S	1	10:58	10.1	8.89	30.02	17.5	1.35	3	112	0.183	NW

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Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
S2	20190311	Sunny	Light	Mid-Flood	B	11	11:20	9.72	8.81	29.27	17.5	1.59	3	114	0.284	W
S2	20190311	Sunny	Light	Mid-Flood	B	11	11:20	9.64	8.81	30.08	17.5	1.56	<2	113	0.226	SW
S2	20190311	Sunny	Light	Mid-Flood	M	6	11:21	9.8	8.74	30.35	17.6	1.7	4	113	0.265	W
S2	20190311	Sunny	Light	Mid-Flood	M	6	11:21	9.9	8.74	30.05	17.5	1.67	3	112	0.285	SW
S2	20190311	Sunny	Light	Mid-Flood	S	1	11:22	9.96	9.27	29.77	17.5	1.57	7	112	0.202	SW
S2	20190311	Sunny	Light	Mid-Flood	S	1	11:22	9.83	9.17	31.68	17.8	1.49	6	112	0.193	W
S3	20190311	Sunny	Light	Mid-Flood	B	9.7	9:45	10.25	9.1	31.35	17.7	1.77	4	112	0.241	W
S3	20190311	Sunny	Light	Mid-Flood	B	9.7	9:45	10.12	8.89	31.31	17.6	1.78	3	114	0.188	W
S3	20190311	Sunny	Light	Mid-Flood	M	5.4	9:46	9.97	9	29.6	17.6	1.84	3	111	0.272	NW
S3	20190311	Sunny	Light	Mid-Flood	M	5.4	9:46	10.13	9.1	31.15	17.5	1.91	4	113	0.263	W
S3	20190311	Sunny	Light	Mid-Flood	S	1	9:47	10.24	9.16	30.29	17.5	1.98	5	112	0.281	W
S3	20190311	Sunny	Light	Mid-Flood	S	1	9:47	10.29	9.15	29.6	17.6	1.98	4	113	0.272	W
B1	20190311	Sunny	Light	Mid-Ebb	B	4.6	13:47	10.74	9.11	29.47	19.3	1.28	3	112	0.215	S
B1	20190311	Sunny	Light	Mid-Ebb	B	4.6	13:47	10.73	8.96	29.14	18.9	1.21	3	112	0.139	S
B1	20190311	Sunny	Light	Mid-Ebb	S	1	13:48	10.91	9.21	29.84	19.1	1.99	4	113	0.259	SE
B1	20190311	Sunny	Light	Mid-Ebb	S	1	13:48	10.74	9.12	31.89	18.9	2.07	4	112	0.219	SE
B2	20190311	Sunny	Light	Mid-Ebb	B	4.4	14:06	9.67	8.91	31.89	19	1.33	6	112	0.146	SE
B2	20190311	Sunny	Light	Mid-Ebb	B	4.4	14:06	9.51	9.16	30.88	19.2	1.23	5	112	0.196	SW
B2	20190311	Sunny	Light	Mid-Ebb	S	1	14:07	9.44	8.98	31.45	19	2.01	<2	113	0.212	S
B2	20190311	Sunny	Light	Mid-Ebb	S	1	14:07	9.64	9.24	30.73	19	2.1	3	113	0.141	E
B3	20190311	Sunny	Light	Mid-Ebb	B	3.9	15:05	9.53	8.78	31.02	19.1	2.21	7	112	0.23	SE
B3	20190311	Sunny	Light	Mid-Ebb	B	3.9	15:05	9.46	8.93	30.34	19.2	2.3	6	112	0.127	E
B3	20190311	Sunny	Light	Mid-Ebb	S	1	15:06	9.3	9.15	30.74	18.9	1.22	8	113	0.167	S
B3	20190311	Sunny	Light	Mid-Ebb	S	1	15:06	9.47	8.73	29.9	19.1	1.15	8	111	0.145	S
B4	20190311	Sunny	Light	Mid-Ebb	B	4.9	15:15	10.93	8.88	30.52	19	2.24	3	113	0.195	SE
B4	20190311	Sunny	Light	Mid-Ebb	B	4.9	15:15	10.97	8.89	30.62	19.1	2.3	4	112	0.257	SE
B4	20190311	Sunny	Light	Mid-Ebb	S	1	15:16	10.89	9.11	29.29	19.2	1.33	4	113	0.275	E
B4	20190311	Sunny	Light	Mid-Ebb	S	1	15:16	11.04	9.18	31.35	18.9	1.35	3	112	0.175	SE
C1	20190311	Sunny	Light	Mid-Ebb	B	9.4	13:25	10.95	8.88	29.58	19.3	1.29	6	113	0.153	S
C1	20190311	Sunny	Light	Mid-Ebb	B	9.4	13:25	11.04	8.97	31.26	19.3	1.3	7	112	0.266	S
C1	20190311	Sunny	Light	Mid-Ebb	M	5.2	13:26	11.08	9.13	31.27	19.2	1.31	5	113	0.144	S
C1	20190311	Sunny	Light	Mid-Ebb	M	5.2	13:26	11.25	9.2	29.25	18.9	1.22	4	113	0.183	SE

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 Integrated Waste Management Facilities, Phase 1
 Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C1	20190311	Sunny	Light	Mid-Ebb	S	1	13:27	11.07	8.89	31.66	18.9	1.82	4	112	0.202	SE
C1	20190311	Sunny	Light	Mid-Ebb	S	1	13:27	11.12	8.76	31.67	18.9	1.82	4	112	0.17	S
C2	20190311	Sunny	Light	Mid-Ebb	B	7.3	14:28	10.74	9.22	30.18	19.1	1.34	5	112	0.229	S
C2	20190311	Sunny	Light	Mid-Ebb	B	7.3	14:28	10.9	8.88	31.64	19.2	1.31	6	112	0.242	S
C2	20190311	Sunny	Light	Mid-Ebb	M	4.2	14:29	10.85	8.85	30.93	19	1.63	6	112	0.15	E
C2	20190311	Sunny	Light	Mid-Ebb	M	4.2	14:29	10.75	8.78	30.36	19.2	1.64	6	113	0.252	S
C2	20190311	Sunny	Light	Mid-Ebb	S	1	14:30	10.65	9.1	29.41	19	1.21	4	112	0.198	SE
C2	20190311	Sunny	Light	Mid-Ebb	S	1	14:30	10.72	8.94	31.57	19	1.19	3	113	0.245	SE
F1	20190311	Sunny	Light	Mid-Ebb	B	6.6	13:28	10.48	8.96	29.54	19.2	1.27	8	113	0.277	S
F1	20190311	Sunny	Light	Mid-Ebb	B	6.6	13:28	10.45	9.25	29.35	19.3	1.36	8	112	0.116	SE
F1	20190311	Sunny	Light	Mid-Ebb	M	3.8	13:29	10.53	9.08	31.06	19.3	2.26	7	113	0.169	S
F1	20190311	Sunny	Light	Mid-Ebb	M	3.8	13:29	10.46	9.11	30.02	19.3	2.36	7	112	0.173	SE
F1	20190311	Sunny	Light	Mid-Ebb	S	1	13:30	10.26	9.22	30.95	19.3	1.51	3	112	0.216	S
F1	20190311	Sunny	Light	Mid-Ebb	S	1	13:30	10.19	8.95	31.56	19.2	1.57	4	112	0.144	SE
H1	20190311	Sunny	Light	Mid-Ebb	B	6.7	14:50	10.37	9.25	30.83	19.1	1.95	8	112	0.135	S
H1	20190311	Sunny	Light	Mid-Ebb	B	6.7	14:50	10.24	9.13	30.03	18.9	2.02	7	114	0.12	E
H1	20190311	Sunny	Light	Mid-Ebb	M	3.9	14:51	10.37	9.27	29.25	19.2	1.49	5	112	0.277	S
H1	20190311	Sunny	Light	Mid-Ebb	M	3.9	14:51	10.4	8.88	31.35	19.3	1.4	5	112	0.203	SE
H1	20190311	Sunny	Light	Mid-Ebb	S	1	14:52	10.4	9.13	29.41	19.3	1.28	6	113	0.248	S
H1	20190311	Sunny	Light	Mid-Ebb	S	1	14:52	10.33	8.97	29.63	19.1	1.24	5	113	0.214	S
M1	20190311	Sunny	Light	Mid-Ebb	B	8.4	14:01	10.43	8.92	29.68	19.1	1.32	8	113	0.165	SE
M1	20190311	Sunny	Light	Mid-Ebb	B	8.4	14:01	10.43	9.13	29.88	19.1	1.36	9	114	0.183	S
M1	20190311	Sunny	Light	Mid-Ebb	M	4.7	14:02	10.26	8.95	29.85	19.2	2.25	7	114	0.275	S
M1	20190311	Sunny	Light	Mid-Ebb	M	4.7	14:02	10.39	8.74	30.12	19.2	2.29	6	112	0.15	SE
M1	20190311	Sunny	Light	Mid-Ebb	S	1	14:03	10.49	8.81	31.14	19.1	1.42	6	112	0.126	S
M1	20190311	Sunny	Light	Mid-Ebb	S	1	14:03	10.46	9.09	29.82	18.9	1.44	5	113	0.276	E
CR1	20190311	Sunny	Light	Mid-Ebb	B	11.2	14:59	10.77	9	31.9	19.3	2.08	8	112	0.175	SE
CR1	20190311	Sunny	Light	Mid-Ebb	B	11.2	14:59	10.64	8.94	31.42	19.3	2	7	112	0.149	SE
CR1	20190311	Sunny	Light	Mid-Ebb	M	6.1	15:00	10.47	9.17	30.79	18.9	1.94	6	114	0.209	S
CR1	20190311	Sunny	Light	Mid-Ebb	M	6.1	15:00	10.51	8.99	30.2	19	1.84	7	112	0.225	SE
CR1	20190311	Sunny	Light	Mid-Ebb	S	1	15:01	10.71	9.06	29.72	19.3	1.43	5	112	0.26	E
CR1	20190311	Sunny	Light	Mid-Ebb	S	1	15:01	10.79	8.98	29.74	19	1.52	6	113	0.182	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR2	20190311	Sunny	Light	Mid-Ebb	B	9.9	14:45	9.69	9.21	31.5	19.3	1.66	5	112	0.161	S
CR2	20190311	Sunny	Light	Mid-Ebb	B	9.9	14:45	9.55	9.25	30.66	19.2	1.73	4	112	0.223	E
CR2	20190311	Sunny	Light	Mid-Ebb	M	5.5	14:46	9.67	8.77	31.08	19.1	1.85	5	112	0.223	S
CR2	20190311	Sunny	Light	Mid-Ebb	M	5.5	14:46	9.71	8.93	30.31	19	1.83	4	112	0.123	S
CR2	20190311	Sunny	Light	Mid-Ebb	S	1	14:47	9.72	8.72	29.26	19.1	1.46	6	113	0.211	S
CR2	20190311	Sunny	Light	Mid-Ebb	S	1	14:47	9.8	8.76	31.37	19	1.54	7	114	0.152	SE
S1	20190311	Sunny	Light	Mid-Ebb	B	4.6	13:56	10.39	8.72	31.1	19.1	2.08	9	113	0.147	E
S1	20190311	Sunny	Light	Mid-Ebb	B	4.6	13:56	10.22	8.77	29.43	19	2.03	9	113	0.229	SE
S1	20190311	Sunny	Light	Mid-Ebb	S	1	13:57	10.22	8.75	29.78	19.3	2.1	6	113	0.235	S
S1	20190311	Sunny	Light	Mid-Ebb	S	1	13:57	10.15	9.26	30.03	18.9	2.06	7	112	0.224	SE
S2	20190311	Sunny	Light	Mid-Ebb	B	10.3	14:22	10.68	9.05	29.17	19.3	2.22	4	113	0.215	S
S2	20190311	Sunny	Light	Mid-Ebb	B	10.3	14:22	10.5	8.9	29.45	18.9	2.16	3	114	0.201	SE
S2	20190311	Sunny	Light	Mid-Ebb	M	5.7	14:23	10.62	9.04	31.88	19.3	2.09	5	113	0.242	SE
S2	20190311	Sunny	Light	Mid-Ebb	M	5.7	14:23	10.82	8.96	31.11	19	2.03	4	113	0.208	S
S2	20190311	Sunny	Light	Mid-Ebb	S	1	14:24	10.95	8.92	30.74	19.2	2.11	5	113	0.28	SE
S2	20190311	Sunny	Light	Mid-Ebb	S	1	14:24	11.03	8.86	31.21	19.3	2.21	4	113	0.19	SE
S3	20190311	Sunny	Light	Mid-Ebb	B	10.2	14:34	10.86	8.86	31.07	19.3	1.25	6	114	0.278	SE
S3	20190311	Sunny	Light	Mid-Ebb	B	10.2	14:34	11.01	9.17	30.67	19.3	1.17	7	113	0.235	S
S3	20190311	Sunny	Light	Mid-Ebb	M	5.6	14:35	11.06	8.85	31.56	19.1	1.37	4	113	0.163	E
S3	20190311	Sunny	Light	Mid-Ebb	M	5.6	14:35	11.11	8.81	29.66	18.9	1.36	4	113	0.204	E
S3	20190311	Sunny	Light	Mid-Ebb	S	1	14:36	11.27	8.81	30.74	19.1	2.18	4	112	0.144	S
S3	20190311	Sunny	Light	Mid-Ebb	S	1	14:36	11.36	9.15	31.74	19	2.19	4	113	0.223	S
B1	20190313	Sunny	Light	Mid-Flood	B	5.5	11:26	10.29	9.4	30.53	20.3	2.61	4	111	0.204	SW
B1	20190313	Sunny	Light	Mid-Flood	B	5.5	11:26	10.37	9.37	31.5	20.1	2.57	4	112	0.116	SW
B1	20190313	Sunny	Light	Mid-Flood	S	1	11:27	10.4	9.23	29.62	20.2	1.99	5	110	0.141	W
B1	20190313	Sunny	Light	Mid-Flood	S	1	11:27	10.22	9.4	29.78	20.1	1.98	6	111	0.225	S
B2	20190313	Sunny	Light	Mid-Flood	B	4.7	11:49	10.84	9.33	31.19	20.1	2.54	5	110	0.119	SW
B2	20190313	Sunny	Light	Mid-Flood	B	4.7	11:49	10.67	9.51	30.66	20.4	2.46	4	111	0.188	W
B2	20190313	Sunny	Light	Mid-Flood	S	1	11:50	10.87	9.14	31.4	20.3	1.55	6	111	0.159	SW
B2	20190313	Sunny	Light	Mid-Flood	S	1	11:50	10.91	9.4	29.13	20.2	1.49	6	111	0.183	SW
B3	20190313	Sunny	Light	Mid-Flood	B	5.1	11:47	10.34	9.11	29.29	20.2	2.56	5	111	0.191	W
B3	20190313	Sunny	Light	Mid-Flood	B	5.1	11:47	10.25	9.43	29.62	20.3	2.5	4	110	0.121	S

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Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B3	20190313	Sunny	Light	Mid-Flood	S	1	11:48	10.29	9.07	30.81	20.1	1.61	4	112	0.171	W
B3	20190313	Sunny	Light	Mid-Flood	S	1	11:48	10.48	9.38	31.58	20.4	1.57	5	110	0.121	SW
B4	20190313	Sunny	Light	Mid-Flood	B	4.8	11:59	11.08	9.34	30.17	20.1	2.56	3	111	0.191	SW
B4	20190313	Sunny	Light	Mid-Flood	B	4.8	11:59	11.12	9.01	29.78	20.3	2.52	2	111	0.214	W
B4	20190313	Sunny	Light	Mid-Flood	S	1	12:00	10.96	9.21	29.33	20.1	1.64	5	112	0.119	SW
B4	20190313	Sunny	Light	Mid-Flood	S	1	12:00	10.99	9.5	31.28	20.2	1.73	5	111	0.159	S
C1	20190313	Sunny	Light	Mid-Flood	B	9.2	11:00	10.4	9.39	31.62	20.2	2.56	4	110	0.186	SW
C1	20190313	Sunny	Light	Mid-Flood	B	9.2	11:00	10.42	9.5	29.9	20.2	2.63	5	112	0.22	SW
C1	20190313	Sunny	Light	Mid-Flood	M	5.1	11:01	10.37	9.56	31.74	20.1	2.24	4	111	0.139	SW
C1	20190313	Sunny	Light	Mid-Flood	M	5.1	11:01	10.3	9.2	29.52	20.3	2.23	5	110	0.218	SW
C1	20190313	Sunny	Light	Mid-Flood	S	1	11:02	10.23	9.12	29.36	20.1	1.5	4	111	0.237	S
C1	20190313	Sunny	Light	Mid-Flood	S	1	11:02	10.12	9.23	31.67	20.4	1.46	5	111	0.211	SW
C2	20190313	Sunny	Light	Mid-Flood	B	7.4	9:45	10.32	9.41	31.9	20.3	2.6	5	111	0.166	SW
C2	20190313	Sunny	Light	Mid-Flood	B	7.4	9:45	10.16	9.05	30.17	20.1	2.67	6	112	0.181	W
C2	20190313	Sunny	Light	Mid-Flood	M	4.2	9:46	10.23	9.37	29.09	20.2	2.45	4	111	0.235	W
C2	20190313	Sunny	Light	Mid-Flood	M	4.2	9:46	10.1	9.11	30.38	20.3	2.51	5	111	0.186	SW
C2	20190313	Sunny	Light	Mid-Flood	S	1	9:47	10.15	8.99	29.93	20.3	1.63	6	111	0.202	SW
C2	20190313	Sunny	Light	Mid-Flood	S	1	9:47	10.21	8.99	31.45	20.4	1.71	5	112	0.187	S
F1	20190313	Sunny	Light	Mid-Flood	B	6.9	10:10	10.53	9	30.2	20.4	2.62	4	112	0.21	SW
F1	20190313	Sunny	Light	Mid-Flood	B	6.9	10:10	10.62	9.28	29.72	20.3	2.52	4	112	0.135	W
F1	20190313	Sunny	Light	Mid-Flood	M	4	10:11	10.44	8.96	30.05	20.3	2.41	5	111	0.121	W
F1	20190313	Sunny	Light	Mid-Flood	M	4	10:11	10.29	9.08	30.76	20.1	2.38	5	111	0.128	SW
F1	20190313	Sunny	Light	Mid-Flood	S	1	10:12	10.37	9.24	31.12	20.3	1.5	4	112	0.127	SW
F1	20190313	Sunny	Light	Mid-Flood	S	1	10:12	10.23	9.18	30.53	20.4	1.41	5	112	0.188	S
H1	20190313	Sunny	Light	Mid-Flood	B	6.9	11:29	11.02	9.26	31.09	20.3	2.87	4	111	0.13	W
H1	20190313	Sunny	Light	Mid-Flood	B	6.9	11:29	10.98	9.46	29.54	20.3	2.83	5	112	0.135	SW
H1	20190313	Sunny	Light	Mid-Flood	M	4	11:30	11.13	8.95	31.03	20.1	2.1	4	110	0.119	W
H1	20190313	Sunny	Light	Mid-Flood	M	4	11:30	10.98	9.29	31.31	20.4	2.05	5	111	0.221	SW
H1	20190313	Sunny	Light	Mid-Flood	S	1	11:31	10.87	9.2	31.76	20.3	1.59	5	110	0.234	W
H1	20190313	Sunny	Light	Mid-Flood	S	1	11:31	10.72	9.22	29.41	20.4	1.57	4	111	0.182	W
M1	20190313	Sunny	Light	Mid-Flood	B	8	10:45	9.99	9.13	29.1	20.2	2.71	6	113	0.126	W
M1	20190313	Sunny	Light	Mid-Flood	B	8	10:45	9.9	9.5	30.72	20.3	2.68	6	111	0.14	SW

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Integrated Waste Management Facilities, Phase 1
Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
M1	20190313	Sunny	Light	Mid-Flood	M	4.5	10:46	9.83	9.46	30.33	20.3	2.04	5	112	0.241	W
M1	20190313	Sunny	Light	Mid-Flood	M	4.5	10:46	9.67	9.22	30.11	20.1	1.98	6	113	0.177	SW
M1	20190313	Sunny	Light	Mid-Flood	S	1	10:47	9.75	8.92	29.49	20.4	1.71	7	111	0.206	W
M1	20190313	Sunny	Light	Mid-Flood	S	1	10:47	9.65	9.01	31.64	20.1	1.65	6	111	0.214	SW
CR1	20190313	Sunny	Light	Mid-Flood	B	11.9	10:10	11.25	8.93	30.11	20.1	2.95	8	112	0.222	S
CR1	20190313	Sunny	Light	Mid-Flood	B	11.9	10:10	11.16	9.06	30.83	20.4	3.01	8	112	0.223	SW
CR1	20190313	Sunny	Light	Mid-Flood	M	6.5	10:11	10.96	9.12	30.11	20.3	2.14	8	111	0.144	S
CR1	20190313	Sunny	Light	Mid-Flood	M	6.5	10:11	11.06	9.26	31.49	20.4	2.15	8	111	0.214	SW
CR1	20190313	Sunny	Light	Mid-Flood	S	1	10:12	10.88	9.52	31.78	20.3	1.82	7	112	0.221	SW
CR1	20190313	Sunny	Light	Mid-Flood	S	1	10:12	10.93	9.1	30.71	20.2	1.88	6	111	0.167	SW
CR2	20190313	Sunny	Light	Mid-Flood	B	9.9	10:34	11.29	9.44	29.64	20.4	2.65	5	110	0.165	W
CR2	20190313	Sunny	Light	Mid-Flood	B	9.9	10:34	11.33	9.21	31.34	20.1	2.6	6	110	0.145	SW
CR2	20190313	Sunny	Light	Mid-Flood	M	5.5	10:35	11.33	8.93	31.09	20.2	2.14	4	112	0.197	W
CR2	20190313	Sunny	Light	Mid-Flood	M	5.5	10:35	11.35	8.96	30.75	20.2	2.19	5	110	0.132	W
CR2	20190313	Sunny	Light	Mid-Flood	S	1	10:36	11.23	9.35	29.56	20.2	1.5	9	111	0.199	W
CR2	20190313	Sunny	Light	Mid-Flood	S	1	10:36	11.19	9.03	31.2	20.2	1.58	8	112	0.174	SW
S1	20190313	Sunny	Light	Mid-Flood	B	4.7	11:38	11.86	9	31	20.1	2.64	2	110	0.208	S
S1	20190313	Sunny	Light	Mid-Flood	B	4.7	11:38	11.93	9.25	29.82	20.2	2.62	4	111	0.131	W
S1	20190313	Sunny	Light	Mid-Flood	S	1	11:39	12.05	9.55	29.35	20.1	1.82	7	110	0.204	SW
S1	20190313	Sunny	Light	Mid-Flood	S	1	11:39	12.17	9.13	30.1	20.4	1.72	7	108	0.182	W
S2	20190313	Sunny	Light	Mid-Flood	B	8.3	12:09	11.88	9.44	30.73	20.4	2.53	3	112	0.127	SW
S2	20190313	Sunny	Light	Mid-Flood	B	8.3	12:09	11.7	9.02	29.21	20.4	2.48	3	111	0.228	W
S2	20190313	Sunny	Light	Mid-Flood	M	4.7	12:10	11.84	8.94	29.08	20.1	2.32	6	111	0.112	SW
S2	20190313	Sunny	Light	Mid-Flood	M	4.7	12:10	11.92	9.26	29.27	20.1	2.34	5	110	0.214	SW
S2	20190313	Sunny	Light	Mid-Flood	S	1	12:11	11.72	9.19	31.68	20.1	1.5	5	110	0.235	S
S2	20190313	Sunny	Light	Mid-Flood	S	1	12:11	11.7	9.39	29.84	20.3	1.42	6	112	0.161	SW
S3	20190313	Sunny	Light	Mid-Flood	B	7.1	10:22	11.59	9	30.23	20.2	2.77	4	111	0.223	SW
S3	20190313	Sunny	Light	Mid-Flood	B	7.1	10:22	11.59	9.34	31.21	20.1	2.83	5	111	0.212	W
S3	20190313	Sunny	Light	Mid-Flood	M	4.1	10:23	11.42	9.04	30.64	20.3	2.46	8	112	0.231	SW
S3	20190313	Sunny	Light	Mid-Flood	M	4.1	10:23	11.3	9.42	29.23	20.2	2.47	7	111	0.158	SW
S3	20190313	Sunny	Light	Mid-Flood	S	1	10:24	11.27	9.25	31.91	20.2	1.54	7	111	0.24	SW
S3	20190313	Sunny	Light	Mid-Flood	S	1	10:24	11.12	9.02	31.22	20.1	1.45	8	111	0.188	W

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 Integrated Waste Management Facilities, Phase 1
 Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B1	20190313	Sunny	Light	Mid-Ebb	B	5.1	15:29	11.3	9.18	30.19	21	2.69	7	112	0.164	S
B1	20190313	Sunny	Light	Mid-Ebb	B	5.1	15:29	11.35	9.51	30.82	20.8	2.78	6	112	0.211	S
B1	20190313	Sunny	Light	Mid-Ebb	S	1	15:30	11.54	9.04	31.71	21	1.54	8	110	0.101	SE
B1	20190313	Sunny	Light	Mid-Ebb	S	1	15:30	11.72	9.3	29.09	20.9	1.57	7	112	0.232	S
B2	20190313	Sunny	Light	Mid-Ebb	B	5	15:51	11.02	9.29	29.39	20.8	2.99	5	112	0.163	SW
B2	20190313	Sunny	Light	Mid-Ebb	B	5	15:51	10.93	9.3	31.21	21	2.96	5	111	0.181	E
B2	20190313	Sunny	Light	Mid-Ebb	S	1	15:52	10.95	9.14	29.29	21.1	1.5	8	111	0.21	S
B2	20190313	Sunny	Light	Mid-Ebb	S	1	15:52	11.12	9.04	29.26	20.8	1.53	9	112	0.2	SE
B3	20190313	Sunny	Light	Mid-Ebb	B	5	16:27	10.22	9.14	31.52	21	2.51	4	111	0.137	E
B3	20190313	Sunny	Light	Mid-Ebb	B	5	16:27	10.16	9.35	30.14	21.2	2.56	5	111	0.196	S
B3	20190313	Sunny	Light	Mid-Ebb	S	1	16:28	10.23	9.4	31.82	21.2	1.63	4	111	0.21	E
B3	20190313	Sunny	Light	Mid-Ebb	S	1	16:28	10.18	9.03	30.02	20.8	1.63	4	110	0.24	SW
B4	20190313	Sunny	Light	Mid-Ebb	B	4.2	16:37	11.74	9.5	31.35	21	2.56	5	111	0.209	S
B4	20190313	Sunny	Light	Mid-Ebb	B	4.2	16:37	11.71	9.26	29.97	21	2.59	5	111	0.161	SW
B4	20190313	Sunny	Light	Mid-Ebb	S	1	16:38	11.56	9.21	30.39	21.1	1.76	6	111	0.154	S
B4	20190313	Sunny	Light	Mid-Ebb	S	1	16:38	11.39	9.14	31.46	21.1	1.85	5	111	0.193	E
C1	20190313	Sunny	Light	Mid-Ebb	B	8.7	15:02	10.78	8.98	30.34	21.1	2.61	7	110	0.158	SE
C1	20190313	Sunny	Light	Mid-Ebb	B	8.7	15:02	10.98	9.49	31.52	21.2	2.66	6	111	0.234	SE
C1	20190313	Sunny	Light	Mid-Ebb	M	4.9	15:03	10.79	9.15	29.43	20.8	2.01	5	110	0.184	SE
C1	20190313	Sunny	Light	Mid-Ebb	M	4.9	15:03	10.97	9.22	31.36	21	2.02	4	112	0.228	SE
C1	20190313	Sunny	Light	Mid-Ebb	S	1	15:04	11.09	9.25	31.84	21	1.53	6	112	0.22	S
C1	20190313	Sunny	Light	Mid-Ebb	S	1	15:04	11.25	9.34	30.61	21.1	1.48	6	112	0.151	E
C2	20190313	Sunny	Light	Mid-Ebb	B	7.4	15:51	10.45	9.07	31.4	21.2	2.62	7	110	0.166	E
C2	20190313	Sunny	Light	Mid-Ebb	B	7.4	15:51	10.62	9.15	31.63	21.1	2.65	6	111	0.143	S
C2	20190313	Sunny	Light	Mid-Ebb	M	4.2	15:52	10.75	9.06	30.93	20.9	2.07	6	112	0.233	S
C2	20190313	Sunny	Light	Mid-Ebb	M	4.2	15:52	10.87	9.33	29.55	21	2.15	7	112	0.169	E
C2	20190313	Sunny	Light	Mid-Ebb	S	1	15:53	10.8	9.07	29.1	21	1.81	6	111	0.109	SE
C2	20190313	Sunny	Light	Mid-Ebb	S	1	15:53	10.68	9.05	31.75	21.1	1.87	6	111	0.124	SE
F1	20190313	Sunny	Light	Mid-Ebb	B	6.5	17:30	11.34	9.57	29.44	20.8	2.97	6	111	0.12	SW
F1	20190313	Sunny	Light	Mid-Ebb	B	6.5	17:30	11.17	9.13	30.85	21.2	3.05	7	112	0.169	S
F1	20190313	Sunny	Light	Mid-Ebb	M	3.8	17:31	11.15	9.08	29.75	21.2	2.49	5	111	0.155	SE
F1	20190313	Sunny	Light	Mid-Ebb	M	3.8	17:31	10.96	9.27	29.87	20.8	2.59	5	112	0.101	SE

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 Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
F1	20190313	Sunny	Light	Mid-Ebb	S	1	17:32	10.91	9.56	29.81	20.8	1.55	6	112	0.108	SE
F1	20190313	Sunny	Light	Mid-Ebb	S	1	17:32	11.07	9.12	31.6	21	1.46	6	113	0.216	S
H1	20190313	Sunny	Light	Mid-Ebb	B	6.9	16:11	10.49	9.45	30.05	21.2	2.77	4	111	0.164	S
H1	20190313	Sunny	Light	Mid-Ebb	B	6.9	16:11	10.52	9.15	30.96	21.1	2.8	6	111	0.096	S
H1	20190313	Sunny	Light	Mid-Ebb	M	4	16:12	10.46	9.21	30.41	21	2.32	5	110	0.212	SE
H1	20190313	Sunny	Light	Mid-Ebb	M	4	16:12	10.44	9.35	31.8	21.2	2.32	6	111	0.235	SE
H1	20190313	Sunny	Light	Mid-Ebb	S	1	16:13	10.49	9.28	29.28	21.1	1.89	5	111	0.198	SW
H1	20190313	Sunny	Light	Mid-Ebb	S	1	16:13	10.34	9.17	31.36	21.2	1.93	5	112	0.238	SE
M1	20190313	Sunny	Light	Mid-Ebb	B	7.8	15:25	11.7	9.02	29.85	20.9	2.88	7	112	0.164	SE
M1	20190313	Sunny	Light	Mid-Ebb	B	7.8	15:25	11.81	9.53	30.83	20.9	2.9	8	110	0.198	S
M1	20190313	Sunny	Light	Mid-Ebb	M	4.4	15:26	11.81	9.18	30.71	21.1	2.06	8	112	0.234	S
M1	20190313	Sunny	Light	Mid-Ebb	M	4.4	15:26	11.94	9.43	31.09	21	2.09	8	111	0.222	SW
M1	20190313	Sunny	Light	Mid-Ebb	S	1	15:27	11.86	9.28	29.98	20.9	1.55	11	112	0.105	S
M1	20190313	Sunny	Light	Mid-Ebb	S	1	15:27	11.91	9.38	29.81	20.9	1.51	11	111	0.214	SE
CR1	20190313	Sunny	Light	Mid-Ebb	B	11	16:22	10.6	9.48	31.07	20.8	2.82	4	110	0.235	SE
CR1	20190313	Sunny	Light	Mid-Ebb	B	11	16:22	10.52	9.17	29.48	21.2	2.85	6	110	0.196	SE
CR1	20190313	Sunny	Light	Mid-Ebb	M	6	16:23	10.68	9.2	29.15	21	2.41	4	111	0.159	SW
CR1	20190313	Sunny	Light	Mid-Ebb	M	6	16:23	10.63	8.96	29.91	21.1	2.46	3	113	0.211	SW
CR1	20190313	Sunny	Light	Mid-Ebb	S	1	16:24	10.61	9.17	31.5	20.8	1.83	5	111	0.23	SW
CR1	20190313	Sunny	Light	Mid-Ebb	S	1	16:24	10.77	9.42	31.84	21.2	1.88	4	113	0.21	S
CR2	20190313	Sunny	Light	Mid-Ebb	B	9.5	16:45	9.96	8.92	29.49	21	2.83	6	110	0.192	SE
CR2	20190313	Sunny	Light	Mid-Ebb	B	9.5	16:45	10.05	9.33	31.19	21	2.84	7	111	0.204	SE
CR2	20190313	Sunny	Light	Mid-Ebb	M	5.3	16:46	9.9	8.95	30.09	21.2	2.46	6	111	0.11	S
CR2	20190313	Sunny	Light	Mid-Ebb	M	5.3	16:46	10.06	9.22	30.51	20.9	2.46	7	110	0.198	E
CR2	20190313	Sunny	Light	Mid-Ebb	S	1	16:47	10.17	9.51	30.58	20.9	1.72	6	111	0.214	SW
CR2	20190313	Sunny	Light	Mid-Ebb	S	1	16:47	9.97	9.49	29.44	20.8	1.82	5	112	0.214	E
S1	20190313	Sunny	Light	Mid-Ebb	B	4.4	15:40	11.89	9.42	29.46	21.2	2.57	5	112	0.207	SE
S1	20190313	Sunny	Light	Mid-Ebb	B	4.4	15:40	11.8	9.17	29.41	21.1	2.48	5	112	0.156	S
S1	20190313	Sunny	Light	Mid-Ebb	S	1	15:41	11.75	8.93	31.27	21	1.65	11	112	0.186	S
S1	20190313	Sunny	Light	Mid-Ebb	S	1	15:41	11.7	9.23	29.65	20.8	1.75	11	112	0.192	S
S2	20190313	Sunny	Light	Mid-Ebb	B	8	16:10	11.64	9.55	30.99	21	2.6	4	111	0.133	S
S2	20190313	Sunny	Light	Mid-Ebb	B	8	16:10	11.78	9.4	30.56	21.1	2.54	5	113	0.117	S

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Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
S2	20190313	Sunny	Light	Mid-Ebb	M	4.5	16:11	11.73	9.25	30.86	21.1	2.08	5	111	0.107	S
S2	20190313	Sunny	Light	Mid-Ebb	M	4.5	16:11	11.9	9.35	31.75	21.1	2.13	5	111	0.242	SE
S2	20190313	Sunny	Light	Mid-Ebb	S	1	16:12	11.85	9.26	29.26	20.8	1.67	6	112	0.173	SW
S2	20190313	Sunny	Light	Mid-Ebb	S	1	16:12	11.81	9.49	31.32	20.9	1.61	6	112	0.213	SE
S3	20190313	Sunny	Light	Mid-Ebb	B	7.2	16:30	11.36	9.33	30.01	21.2	2.55	6	113	0.164	E
S3	20190313	Sunny	Light	Mid-Ebb	B	7.2	16:30	11.22	9.03	29.65	20.8	2.65	5	111	0.212	S
S3	20190313	Sunny	Light	Mid-Ebb	M	4.1	16:31	11.2	9.36	29.92	20.8	2.05	5	111	0.235	E
S3	20190313	Sunny	Light	Mid-Ebb	M	4.1	16:31	11.3	9.24	29.23	20.8	2	4	111	0.11	SE
S3	20190313	Sunny	Light	Mid-Ebb	S	1	16:32	11.17	9.28	30.42	21.1	1.7	6	112	0.241	SW
S3	20190313	Sunny	Light	Mid-Ebb	S	1	16:32	11.02	9.38	30.8	20.8	1.75	5	111	0.167	SE
B1	20190315	Cloudy	Moderate	Mid-Flood	B	4.8	13:43	10.31	8.73	30.75	17.2	1.85	5	111	0.183	SW
B1	20190315	Cloudy	Moderate	Mid-Flood	B	4.8	13:43	10.41	8.8	31.28	17.4	1.9	4	109	0.234	W
B1	20190315	Cloudy	Moderate	Mid-Flood	S	1	13:44	10.34	9.06	29.8	17.3	1.94	4	90	0.303	W
B1	20190315	Cloudy	Moderate	Mid-Flood	S	1	13:44	10.54	8.93	30.9	17.2	1.86	4	104	0.191	W
B2	20190315	Cloudy	Moderate	Mid-Flood	B	4.9	14:01	9.57	8.82	32.32	17.6	1.98	8	109	0.198	W
B2	20190315	Cloudy	Moderate	Mid-Flood	B	4.9	14:01	9.72	9.01	31.13	17.3	1.98	7	110	0.273	NW
B2	20190315	Cloudy	Moderate	Mid-Flood	S	1	14:02	9.55	8.84	31.91	17.6	1.88	4	109	0.263	W
B2	20190315	Cloudy	Moderate	Mid-Flood	S	1	14:02	9.45	8.91	31.49	17.5	1.87	4	110	0.196	W
B3	20190315	Cloudy	Moderate	Mid-Flood	B	4.9	12:21	9.84	9.02	32.11	17.6	1.64	5	110	0.21	NW
B3	20190315	Cloudy	Moderate	Mid-Flood	B	4.9	12:21	9.87	9.05	32.24	17.5	1.61	4	110	0.248	W
B3	20190315	Cloudy	Moderate	Mid-Flood	S	1	12:22	10.06	8.77	31.05	17.5	1.53	6	109	0.245	W
B3	20190315	Cloudy	Moderate	Mid-Flood	S	1	12:22	9.94	9.04	29.79	17.6	1.58	6	110	0.185	W
B4	20190315	Cloudy	Moderate	Mid-Flood	B	4.7	12:30	10.39	8.75	30.75	17.5	1.54	4	109	0.195	SW
B4	20190315	Cloudy	Moderate	Mid-Flood	B	4.7	12:30	10.56	8.98	31.5	17.2	1.49	5	109	0.207	W
B4	20190315	Cloudy	Moderate	Mid-Flood	S	1	12:31	10.37	9.05	31.09	17.5	1.44	10	109	0.164	W
B4	20190315	Cloudy	Moderate	Mid-Flood	S	1	12:31	10.57	8.8	30.72	17.2	1.44	9	110	0.249	W
C1	20190315	Cloudy	Moderate	Mid-Flood	B	9.2	11:16	9.56	9.04	31.16	17.3	2.09	6	109	0.174	NW
C1	20190315	Cloudy	Moderate	Mid-Flood	B	9.2	11:16	9.68	9.01	31.82	17.4	2.04	5	109	0.238	W
C1	20190315	Cloudy	Moderate	Mid-Flood	M	5.1	11:17	9.59	8.73	30.02	17.4	2.04	6	109	0.192	SW
C1	20190315	Cloudy	Moderate	Mid-Flood	M	5.1	11:17	9.72	8.78	30.18	17.6	1.98	6	109	0.254	NW
C1	20190315	Cloudy	Moderate	Mid-Flood	S	1	11:18	9.82	8.89	29.59	17.3	1.91	3	109	0.184	SW
C1	20190315	Cloudy	Moderate	Mid-Flood	S	1	11:18	9.73	9.06	31.77	17.3	2	2	109	0.278	NW

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 Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C2	20190315	Cloudy	Moderate	Mid-Flood	B	7.1	10:19	11.62	8.88	30.85	17.6	1.97	5	108	0.212	SW
C2	20190315	Cloudy	Moderate	Mid-Flood	B	7.1	10:19	11.54	9.01	31.69	17.4	1.93	5	109	0.246	W
C2	20190315	Cloudy	Moderate	Mid-Flood	M	4.1	10:20	11.68	8.9	30.52	17.6	2.02	5	109	0.191	W
C2	20190315	Cloudy	Moderate	Mid-Flood	M	4.1	10:20	11.6	8.94	32.25	17.6	1.94	5	109	0.195	W
C2	20190315	Cloudy	Moderate	Mid-Flood	S	1	10:21	11.72	8.73	29.4	17.3	2.02	5	109	0.243	W
C2	20190315	Cloudy	Moderate	Mid-Flood	S	1	10:21	11.78	9.03	31.68	17.6	2	5	109	0.296	NW
F1	20190315	Cloudy	Moderate	Mid-Flood	B	7.5	10:44	10.77	8.87	31.22	17.5	1.33	3	109	0.235	SW
F1	20190315	Cloudy	Moderate	Mid-Flood	B	7.5	10:44	10.63	8.94	31.27	17.4	1.24	3	110	0.176	W
F1	20190315	Cloudy	Moderate	Mid-Flood	M	4.3	10:45	10.55	8.94	30.08	17.6	1.22	8	109	0.187	W
F1	20190315	Cloudy	Moderate	Mid-Flood	M	4.3	10:45	10.37	8.96	32.25	17.4	1.31	7	109	0.266	SW
F1	20190315	Cloudy	Moderate	Mid-Flood	S	1	10:46	10.22	8.99	31.53	17.6	1.25	8	109	0.239	W
F1	20190315	Cloudy	Moderate	Mid-Flood	S	1	10:46	10.13	8.73	30.69	17.5	1.19	7	111	0.216	W
H1	20190315	Cloudy	Moderate	Mid-Flood	B	6.7	11:58	9.5	8.92	31.35	17.5	2.03	5	111	0.268	NW
H1	20190315	Cloudy	Moderate	Mid-Flood	B	6.7	11:58	9.61	8.92	29.52	17.3	1.96	5	111	0.203	NW
H1	20190315	Cloudy	Moderate	Mid-Flood	M	3.9	11:59	9.6	8.77	30.44	17.3	1.88	5	110	0.251	NW
H1	20190315	Cloudy	Moderate	Mid-Flood	M	3.9	11:59	9.7	8.88	31.84	17.3	1.82	6	110	0.26	W
H1	20190315	Cloudy	Moderate	Mid-Flood	S	1	12:00	9.83	8.78	30.29	17.2	1.81	6	110	0.287	W
H1	20190315	Cloudy	Moderate	Mid-Flood	S	1	12:00	9.93	8.9	29.88	17.4	1.74	6	110	0.205	W
M1	20190315	Cloudy	Moderate	Mid-Flood	B	9	11:16	10.98	8.85	31.11	17.2	2.4	6	82	0.201	W
M1	20190315	Cloudy	Moderate	Mid-Flood	B	9	11:16	11.02	8.99	30.52	17.6	2.49	5	104	0.167	W
M1	20190315	Cloudy	Moderate	Mid-Flood	M	5	11:17	10.86	8.96	30	17.6	2.43	4	103	0.3	W
M1	20190315	Cloudy	Moderate	Mid-Flood	M	5	11:17	10.93	9.05	31.45	17.5	2.53	4	104	0.246	W
M1	20190315	Cloudy	Moderate	Mid-Flood	S	1	11:18	11.12	8.95	30.01	17.4	2.48	5	103	0.186	NW
M1	20190315	Cloudy	Moderate	Mid-Flood	S	1	11:18	11.03	8.79	31.51	17.4	2.48	4	103	0.273	W
CR1	20190315	Cloudy	Moderate	Mid-Flood	B	11.8	10:30	11.92	9.01	32.19	17.6	0.58	6	110	0.225	W
CR1	20190315	Cloudy	Moderate	Mid-Flood	B	11.8	10:30	11.72	9.04	31.8	17.3	0.57	6	108	0.261	W
CR1	20190315	Cloudy	Moderate	Mid-Flood	M	6.4	10:31	11.73	8.79	29.56	17.5	0.47	3	109	0.216	NW
CR1	20190315	Cloudy	Moderate	Mid-Flood	M	6.4	10:31	11.73	8.95	30.83	17.6	0.45	4	109	0.237	W
CR1	20190315	Cloudy	Moderate	Mid-Flood	S	1	10:32	11.79	9.02	31.07	17.3	0.37	6	109	0.181	SW
CR1	20190315	Cloudy	Moderate	Mid-Flood	S	1	10:32	11.82	8.98	31.28	17.3	0.38	7	110	0.223	W
CR2	20190315	Cloudy	Moderate	Mid-Flood	B	10.2	10:41	12.08	8.78	30.05	17.3	2.27	6	110	0.292	SW
CR2	20190315	Cloudy	Moderate	Mid-Flood	B	10.2	10:41	11.93	8.82	30.36	17.6	2.37	5	110	0.185	W

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 Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR2	20190315	Cloudy	Moderate	Mid-Flood	M	5.6	10:42	12.05	9	29.68	17.4	2.47	4	108	0.207	SW
CR2	20190315	Cloudy	Moderate	Mid-Flood	M	5.6	10:42	12.05	9.04	32.13	17.3	2.37	6	109	0.245	W
CR2	20190315	Cloudy	Moderate	Mid-Flood	S	1	10:43	12.05	8.95	29.36	17.5	2.37	4	111	0.204	W
CR2	20190315	Cloudy	Moderate	Mid-Flood	S	1	10:43	12.04	8.72	30.41	17.2	2.44	4	110	0.173	W
S1	20190315	Cloudy	Moderate	Mid-Flood	B	4.6	13:50	10.68	8.74	29.8	17.4	2.24	3	111	0.19	W
S1	20190315	Cloudy	Moderate	Mid-Flood	B	4.6	13:50	10.83	8.82	30.35	17.5	2.18	4	110	0.245	W
S1	20190315	Cloudy	Moderate	Mid-Flood	S	1	13:51	10.9	8.93	31.84	17.5	2.23	4	108	0.229	SW
S1	20190315	Cloudy	Moderate	Mid-Flood	S	1	13:51	11.09	9.05	29.55	17.2	2.2	4	110	0.308	W
S2	20190315	Cloudy	Moderate	Mid-Flood	B	8.4	12:08	11.32	8.75	29.86	17.6	1.97	4	110	0.182	W
S2	20190315	Cloudy	Moderate	Mid-Flood	B	8.4	12:08	11.18	8.95	31.62	17.4	1.96	4	108	0.201	W
S2	20190315	Cloudy	Moderate	Mid-Flood	M	4.7	12:09	11.1	8.73	29.67	17.5	2.03	4	109	0.228	SW
S2	20190315	Cloudy	Moderate	Mid-Flood	M	4.7	12:09	11.3	9.05	31.08	17.2	1.97	4	109	0.228	W
S2	20190315	Cloudy	Moderate	Mid-Flood	S	1	12:10	11.19	8.97	31.71	17.6	2.04	5	108	0.214	W
S2	20190315	Cloudy	Moderate	Mid-Flood	S	1	12:10	11.3	9.03	29.61	17.5	1.99	4	110	0.306	W
S3	20190315	Cloudy	Moderate	Mid-Flood	B	7.6	10:50	9.91	9.04	31.77	17.6	2.07	4	109	0.298	NW
S3	20190315	Cloudy	Moderate	Mid-Flood	B	7.6	10:50	9.71	8.81	30.29	17.3	2.03	5	110	0.195	NW
S3	20190315	Cloudy	Moderate	Mid-Flood	M	4.3	10:51	9.57	8.97	30.06	17.4	2.04	3	110	0.171	W
S3	20190315	Cloudy	Moderate	Mid-Flood	M	4.3	10:51	9.4	8.96	29.86	17.3	1.95	3	109	0.171	W
S3	20190315	Cloudy	Moderate	Mid-Flood	S	1	10:52	9.39	9.04	31.83	17.2	2.05	4	110	0.257	SW
S3	20190315	Cloudy	Moderate	Mid-Flood	S	1	10:52	9.41	9.03	31	17.4	2.13	4	109	0.257	W
B1	20190315	Cloudy	Moderate	Mid-Ebb	B	4.5	16:00	11.6	8.75	29.37	18.6	2.43	5	110	0.19	E
B1	20190315	Cloudy	Moderate	Mid-Ebb	B	4.5	16:00	11.49	9.14	32.55	18.6	2.36	6	101	0.121	S
B1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:01	11.69	8.97	31.15	18.5	2.45	5	100	0.087	SE
B1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:01	11.51	8.97	31.01	18.8	2.39	5	105	0.215	SE
B2	20190315	Cloudy	Moderate	Mid-Ebb	B	5	15:47	11.48	8.8	30.27	18.4	0.59	5	111	0.065	E
B2	20190315	Cloudy	Moderate	Mid-Ebb	B	5	15:47	11.57	8.66	30.64	18.4	0.63	5	110	0.144	E
B2	20190315	Cloudy	Moderate	Mid-Ebb	S	1	15:48	11.62	8.87	32.86	18.6	0.69	4	91	0.071	S
B2	20190315	Cloudy	Moderate	Mid-Ebb	S	1	15:48	11.75	9	31.26	18.7	0.68	5	107	0.155	E
B3	20190315	Cloudy	Moderate	Mid-Ebb	B	4.5	16:21	10.83	9.1	29.56	18.6	0.83	5	112	0.145	S
B3	20190315	Cloudy	Moderate	Mid-Ebb	B	4.5	16:21	10.64	9.15	32.85	18.4	0.79	6	111	0.174	SE
B3	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:22	10.62	9.13	29.67	18.5	0.76	4	104	0.173	SE
B3	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:22	10.49	9.06	32.19	18.5	0.7	5	110	0.188	S

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Integrated Waste Management Facilities, Phase 1
Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B4	20190315	Cloudy	Moderate	Mid-Ebb	B	4.5	16:29	11.36	9.15	31.95	18.7	0.79	6	112	0.067	E
B4	20190315	Cloudy	Moderate	Mid-Ebb	B	4.5	16:29	11.17	8.8	32.42	18.7	0.69	5	110	0.115	SE
B4	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:30	11.27	9.08	31.2	18.7	0.66	5	109	0.145	S
B4	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:30	11.45	8.66	29.09	18.7	0.68	6	111	0.14	NE
C1	20190315	Cloudy	Moderate	Mid-Ebb	B	9.7	15:37	10.08	9.14	30.69	18.5	1.75	6	112	0.081	S
C1	20190315	Cloudy	Moderate	Mid-Ebb	B	9.7	15:37	10.04	8.83	30.57	18.7	1.85	5	110	0.098	S
C1	20190315	Cloudy	Moderate	Mid-Ebb	M	5.4	15:38	10	9.05	31.58	18.7	1.88	6	110	0.079	E
C1	20190315	Cloudy	Moderate	Mid-Ebb	M	5.4	15:38	10.09	8.98	29.23	18.4	1.95	5	109	0.136	E
C1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	15:39	10.06	9.04	29.64	18.4	2.03	5	110	0.133	E
C1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	15:39	10.25	8.63	32.86	18.5	2.08	5	107	0.12	S
C2	20190315	Cloudy	Moderate	Mid-Ebb	B	7	17:10	12.29	8.75	32.11	18.4	1.46	9	109	0.098	SE
C2	20190315	Cloudy	Moderate	Mid-Ebb	B	7	17:10	12.34	8.85	31.76	18.7	1.51	8	109	0.173	SE
C2	20190315	Cloudy	Moderate	Mid-Ebb	M	4	17:11	12.45	9.09	30.7	18.8	1.53	7	109	0.118	S
C2	20190315	Cloudy	Moderate	Mid-Ebb	M	4	17:11	12.39	8.81	30.67	18.5	1.52	7	109	0.142	NE
C2	20190315	Cloudy	Moderate	Mid-Ebb	S	1	17:12	12.46	8.81	30.93	18.7	1.49	5	110	0.115	SE
C2	20190315	Cloudy	Moderate	Mid-Ebb	S	1	17:12	12.43	8.95	31.21	18.4	1.5	6	112	0.167	E
F1	20190315	Cloudy	Moderate	Mid-Ebb	B	6.5	16:58	10.95	8.65	31.87	18.8	0.85	8	110	0.063	SE
F1	20190315	Cloudy	Moderate	Mid-Ebb	B	6.5	16:58	11.12	8.68	32.03	18.4	0.9	8	110	0.169	S
F1	20190315	Cloudy	Moderate	Mid-Ebb	M	3.8	16:59	11.28	8.95	30.36	18.6	0.82	7	112	0.105	E
F1	20190315	Cloudy	Moderate	Mid-Ebb	M	3.8	16:59	11.48	8.95	29.93	18.5	0.74	7	110	0.079	SE
F1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	17:00	11.58	8.94	29.31	18.5	0.83	11	109	0.112	S
F1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	17:00	11.73	8.79	29.99	18.4	0.87	12	108	0.129	S
H1	20190315	Cloudy	Moderate	Mid-Ebb	B	7.2	16:11	10.55	8.95	30.98	18.4	1.17	7	111	0.062	E
H1	20190315	Cloudy	Moderate	Mid-Ebb	B	7.2	16:11	10.55	8.77	31.14	18.5	1.23	6	110	0.104	SE
H1	20190315	Cloudy	Moderate	Mid-Ebb	M	4.1	16:12	10.39	8.8	32.43	18.6	1.23	5	107	0.075	SE
H1	20190315	Cloudy	Moderate	Mid-Ebb	M	4.1	16:12	10.26	8.74	31.05	18.6	1.19	6	112	0.074	S
H1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:13	10.32	8.75	30.08	18.6	1.12	7	108	0.196	S
H1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:13	10.33	8.63	31.62	18.4	1.18	6	107	0.15	S
M1	20190315	Cloudy	Moderate	Mid-Ebb	B	8.5	17:25	10.26	8.62	30.23	18.4	1.2	10	109	0.085	SE
M1	20190315	Cloudy	Moderate	Mid-Ebb	B	8.5	17:25	10.15	9.17	29.99	18.7	1.16	9	109	0.114	S
M1	20190315	Cloudy	Moderate	Mid-Ebb	M	4.8	17:26	10.16	9.12	30.98	18.8	1.12	7	109	0.216	SE
M1	20190315	Cloudy	Moderate	Mid-Ebb	M	4.8	17:26	10.29	8.8	32.59	18.6	1.02	8	109	0.142	SE

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 Integrated Waste Management Facilities, Phase 1
 Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
M1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	17:27	10.32	8.71	30.35	18.6	1.02	9	110	0.074	SE
M1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	17:27	10.38	8.87	30.16	18.6	1	9	110	0.161	E
CR1	20190315	Cloudy	Moderate	Mid-Ebb	B	11.8	16:51	9.81	8.93	29.08	18.7	1.13	6	108	0.102	E
CR1	20190315	Cloudy	Moderate	Mid-Ebb	B	11.8	16:51	9.95	9.08	29.4	18.4	1.12	6	110	0.189	SE
CR1	20190315	Cloudy	Moderate	Mid-Ebb	M	6.4	16:52	10.06	8.76	32.08	18.7	1.19	6	110	0.228	S
CR1	20190315	Cloudy	Moderate	Mid-Ebb	M	6.4	16:52	9.99	8.9	32.15	18.6	1.25	6	109	0.196	S
CR1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:53	9.9	8.69	30.4	18.5	1.2	5	112	0.141	SE
CR1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:53	9.77	8.88	31.17	18.7	1.28	4	111	0.132	E
CR2	20190315	Cloudy	Moderate	Mid-Ebb	B	9.7	16:35	10.16	9.02	29.59	18.6	0.65	8	111	0.081	E
CR2	20190315	Cloudy	Moderate	Mid-Ebb	B	9.7	16:35	10.19	8.7	32.08	18.4	0.67	8	110	0.137	S
CR2	20190315	Cloudy	Moderate	Mid-Ebb	M	5.4	16:36	10.1	8.76	32.8	18.8	0.72	7	110	0.073	SE
CR2	20190315	Cloudy	Moderate	Mid-Ebb	M	5.4	16:36	9.9	9.02	31.43	18.4	0.62	7	109	0.218	E
CR2	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:37	9.77	8.96	32.66	18.7	0.68	8	109	0.182	S
CR2	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:37	9.83	8.89	32.56	18.7	0.63	8	108	0.101	E
S1	20190315	Cloudy	Moderate	Mid-Ebb	B	4.2	16:09	10.5	8.8	32.73	18.4	0.96	9	109	0.23	SE
S1	20190315	Cloudy	Moderate	Mid-Ebb	B	4.2	16:09	10.44	8.65	32.44	18.8	0.87	9	109	0.184	E
S1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:10	10.51	8.76	31.45	18.8	0.85	5	110	0.231	E
S1	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:10	10.69	8.86	31.2	18.8	0.85	6	109	0.13	E
S2	20190315	Cloudy	Moderate	Mid-Ebb	B	8.4	16:23	10.2	8.98	29.29	18.8	2.39	5	110	0.09	S
S2	20190315	Cloudy	Moderate	Mid-Ebb	B	8.4	16:23	10.4	8.89	32.56	18.7	2.35	4	110	0.196	SE
S2	20190315	Cloudy	Moderate	Mid-Ebb	M	4.7	16:24	10.22	8.87	30.65	18.8	2.38	5	112	0.116	S
S2	20190315	Cloudy	Moderate	Mid-Ebb	M	4.7	16:24	10.16	9.14	32.17	18.6	2.31	5	111	0.229	NE
S2	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:25	10.26	9.05	32.47	18.4	2.24	5	110	0.185	SE
S2	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:25	10.35	8.79	32.31	18.6	2.28	4	108	0.074	SE
S3	20190315	Cloudy	Moderate	Mid-Ebb	B	6.8	16:41	11.45	8.62	29.3	18.8	0.64	9	110	0.084	SE
S3	20190315	Cloudy	Moderate	Mid-Ebb	B	6.8	16:41	11.6	9.17	29.24	18.6	0.54	9	110	0.129	SE
S3	20190315	Cloudy	Moderate	Mid-Ebb	M	3.9	16:42	11.75	8.65	32.3	18.5	0.58	7	110	0.143	SE
S3	20190315	Cloudy	Moderate	Mid-Ebb	M	3.9	16:42	11.71	8.62	32.68	18.6	0.48	8	110	0.071	E
S3	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:43	11.63	8.63	31.63	18.7	0.4	7	110	0.201	E
S3	20190315	Cloudy	Moderate	Mid-Ebb	S	1	16:43	11.53	9.14	31.72	18.6	0.41	7	108	0.206	E
B1	20190318	Sunny	Moderate	Mid-Ebb	B	4.4	11:01	9.79	9.2	29.73	20.9	3.11	6	112	0.163	SE
B1	20190318	Sunny	Moderate	Mid-Ebb	B	4.4	11:01	9.75	8.83	31.1	21.1	3.08	5	113	0.126	E

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Integrated Waste Management Facilities, Phase 1
Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B1	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:02	9.58	9.15	30.62	21.1	3.18	4	112	0.083	SE
B1	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:02	9.75	9.13	30.7	21	3.23	6	112	0.199	E
B2	20190318	Sunny	Moderate	Mid-Ebb	B	4.6	11:26	11.63	8.99	31.65	20.9	3.4	4	112	0.133	E
B2	20190318	Sunny	Moderate	Mid-Ebb	B	4.6	11:26	11.49	9.23	30.47	21	3.5	4	112	0.153	SE
B2	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:27	11.36	8.99	31.06	20.9	3.56	6	112	0.171	E
B2	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:27	11.29	9.05	30.43	20.9	3.54	6	113	0.167	SE
B3	20190318	Sunny	Moderate	Mid-Ebb	B	4.9	10:53	10.7	9.22	31.88	20.9	3.17	8	112	0.179	SE
B3	20190318	Sunny	Moderate	Mid-Ebb	B	4.9	10:53	10.78	9.27	31.44	21	3.18	8	111	0.095	E
B3	20190318	Sunny	Moderate	Mid-Ebb	S	1	10:54	10.83	9.02	31.4	21	3.19	6	111	0.163	SE
B3	20190318	Sunny	Moderate	Mid-Ebb	S	1	10:54	11.02	8.97	31.67	21.1	3.17	6	111	0.115	SE
B4	20190318	Sunny	Moderate	Mid-Ebb	B	4.5	10:43	10.27	8.83	30.14	20.9	3.36	5	112	0.116	SE
B4	20190318	Sunny	Moderate	Mid-Ebb	B	4.5	10:43	10.22	8.83	31.31	20.9	3.45	6	111	0.065	SE
B4	20190318	Sunny	Moderate	Mid-Ebb	S	1	10:44	10.06	9.21	30.27	20.9	3.55	6	111	0.171	E
B4	20190318	Sunny	Moderate	Mid-Ebb	S	1	10:44	10.03	9.01	31.19	20.9	3.56	5	111	0.092	E
C1	20190318	Sunny	Moderate	Mid-Ebb	B	9.3	10:33	11.72	8.85	30.64	21.1	2.18	7	111	0.099	E
C1	20190318	Sunny	Moderate	Mid-Ebb	B	9.3	10:33	11.69	8.96	30.51	21.1	2.15	7	111	0.071	E
C1	20190318	Sunny	Moderate	Mid-Ebb	M	5.2	10:34	11.54	9.19	31.84	20.9	2.22	7	112	0.174	SE
C1	20190318	Sunny	Moderate	Mid-Ebb	M	5.2	10:34	11.7	9.02	29.14	21.1	2.32	6	111	0.077	SE
C1	20190318	Sunny	Moderate	Mid-Ebb	S	1	10:35	11.76	9.12	29.1	20.9	2.32	5	111	0.161	SE
C1	20190318	Sunny	Moderate	Mid-Ebb	S	1	10:35	11.89	8.88	31.21	21.1	2.34	5	113	0.148	SE
C2	20190318	Sunny	Moderate	Mid-Ebb	B	6.6	10:32	10.86	8.83	31.62	20.8	2.07	6	111	0.113	E
C2	20190318	Sunny	Moderate	Mid-Ebb	B	6.6	10:32	10.68	9.2	31.2	21	2.09	7	110	0.087	SE
C2	20190318	Sunny	Moderate	Mid-Ebb	M	3.8	10:33	10.48	8.92	29.09	21	2.15	7	112	0.201	E
C2	20190318	Sunny	Moderate	Mid-Ebb	M	3.8	10:33	10.6	9.09	31.11	21.1	2.05	6	111	0.197	SE
C2	20190318	Sunny	Moderate	Mid-Ebb	S	1	10:34	10.42	9.22	30.85	20.9	2.11	5	111	0.069	NE
C2	20190318	Sunny	Moderate	Mid-Ebb	S	1	10:34	10.58	8.82	29.57	20.9	2.2	5	111	0.167	E
F1	20190318	Sunny	Moderate	Mid-Ebb	B	6.8	12:37	9.99	9.09	31.13	21	2.12	7	111	0.133	E
F1	20190318	Sunny	Moderate	Mid-Ebb	B	6.8	12:37	9.96	9.08	31.66	21	2.22	7	112	0.089	SE
F1	20190318	Sunny	Moderate	Mid-Ebb	M	3.9	12:38	9.98	9.17	30.76	21	2.17	5	111	0.187	E
F1	20190318	Sunny	Moderate	Mid-Ebb	M	3.9	12:38	10.09	8.97	29.76	21.1	2.12	5	111	0.118	E
F1	20190318	Sunny	Moderate	Mid-Ebb	S	1	12:39	10.2	9.2	30.8	21	2.05	6	111	0.105	E
F1	20190318	Sunny	Moderate	Mid-Ebb	S	1	12:39	10.17	9.14	31.03	20.9	2.1	6	111	0.113	SE

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Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
H1	20190318	Sunny	Moderate	Mid-Ebb	B	7.1	11:02	10.77	9.13	31.66	20.9	2.46	7	112	0.119	E
H1	20190318	Sunny	Moderate	Mid-Ebb	B	7.1	11:02	10.59	8.91	31.66	20.9	2.42	7	112	0.18	SE
H1	20190318	Sunny	Moderate	Mid-Ebb	M	4.1	11:03	10.74	8.97	30.12	21	2.51	6	112	0.085	E
H1	20190318	Sunny	Moderate	Mid-Ebb	M	4.1	11:03	10.78	9.27	31.1	20.9	2.43	6	112	0.186	E
H1	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:04	10.76	8.86	31.83	21.1	2.33	5	110	0.093	SE
H1	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:04	10.67	8.91	29.71	21	2.32	6	111	0.137	E
M1	20190318	Sunny	Moderate	Mid-Ebb	B	7.9	12:19	10.7	9.13	29.78	21.1	2.65	8	111	0.121	SE
M1	20190318	Sunny	Moderate	Mid-Ebb	B	7.9	12:19	10.79	8.94	29.51	21.1	2.67	7	112	0.174	SE
M1	20190318	Sunny	Moderate	Mid-Ebb	M	4.5	12:20	10.59	9.11	31.57	21.1	2.66	7	111	0.182	SE
M1	20190318	Sunny	Moderate	Mid-Ebb	M	4.5	12:20	10.44	9.04	31.12	21	2.67	7	111	0.173	SE
M1	20190318	Sunny	Moderate	Mid-Ebb	S	1	12:21	10.31	8.84	31.76	20.8	2.59	6	112	0.174	E
M1	20190318	Sunny	Moderate	Mid-Ebb	S	1	12:21	10.18	8.97	30.82	21.1	2.68	7	111	0.127	SE
CR1	20190318	Sunny	Moderate	Mid-Ebb	B	11.5	11:37	10.8	8.86	30.03	20.8	2.03	6	111	0.12	E
CR1	20190318	Sunny	Moderate	Mid-Ebb	B	11.5	11:37	10.86	9.2	31.21	21	2.04	6	110	0.197	E
CR1	20190318	Sunny	Moderate	Mid-Ebb	M	6.3	11:38	11.04	9.24	29.87	20.8	1.95	4	111	0.135	SE
CR1	20190318	Sunny	Moderate	Mid-Ebb	M	6.3	11:38	11.14	8.85	31.14	21	1.93	5	112	0.185	SE
CR1	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:39	11.13	8.95	31.39	21.1	1.84	5	112	0.147	E
CR1	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:39	11.28	9.1	29.88	21.1	1.88	5	112	0.114	SE
CR2	20190318	Sunny	Moderate	Mid-Ebb	B	9.4	11:16	9.72	9.17	30.84	21.1	2.5	8	112	0.193	NE
CR2	20190318	Sunny	Moderate	Mid-Ebb	B	9.4	11:16	9.91	9.26	30.57	20.8	2.6	8	112	0.06	SE
CR2	20190318	Sunny	Moderate	Mid-Ebb	M	5.2	11:17	9.77	9.19	31.92	21.1	2.54	6	113	0.102	SE
CR2	20190318	Sunny	Moderate	Mid-Ebb	M	5.2	11:17	9.61	9.16	30.12	21	2.48	7	112	0.09	E
CR2	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:18	9.45	9.19	30.7	21.1	2.57	5	112	0.192	E
CR2	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:18	9.36	8.93	30.76	21.1	2.61	6	111	0.139	E
S1	20190318	Sunny	Moderate	Mid-Ebb	B	4.1	11:12	10.87	9.02	31.82	21	3.22	7	111	0.067	E
S1	20190318	Sunny	Moderate	Mid-Ebb	B	4.1	11:12	10.8	8.96	29.19	21	3.28	7	112	0.177	SE
S1	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:13	10.87	9.04	31.47	20.8	3.21	8	111	0.202	SE
S1	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:13	10.81	9.24	29.7	20.9	3.13	7	112	0.139	E
S2	20190318	Sunny	Moderate	Mid-Ebb	B	8.2	11:48	11.71	9.02	31.45	20.9	3.25	6	111	0.09	E
S2	20190318	Sunny	Moderate	Mid-Ebb	B	8.2	11:48	11.9	9.24	30.48	21	3.28	7	112	0.116	E
S2	20190318	Sunny	Moderate	Mid-Ebb	M	4.6	11:49	11.79	8.94	30.67	21	3.37	6	112	0.08	E
S2	20190318	Sunny	Moderate	Mid-Ebb	M	4.6	11:49	11.61	9.25	30.39	21.1	3.46	8	112	0.162	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
S2	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:50	11.71	9.13	29.9	20.8	3.41	5	111	0.162	SE
S2	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:50	11.69	8.82	29.51	21	3.37	5	111	0.168	SE
S3	20190318	Sunny	Moderate	Mid-Ebb	B	7.5	11:27	9.92	9.06	30.98	20.9	2.44	5	111	0.124	E
S3	20190318	Sunny	Moderate	Mid-Ebb	B	7.5	11:27	9.79	9.17	30.5	21.1	2.45	5	112	0.113	SE
S3	20190318	Sunny	Moderate	Mid-Ebb	M	4.3	11:28	9.86	9.12	30.01	21.1	2.45	5	112	0.13	SE
S3	20190318	Sunny	Moderate	Mid-Ebb	M	4.3	11:28	9.66	9.12	30.45	20.9	2.36	5	111	0.095	SE
S3	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:29	9.57	9.03	29.96	20.9	2.26	6	111	0.132	SE
S3	20190318	Sunny	Moderate	Mid-Ebb	S	1	11:29	9.77	9.03	31.04	20.9	2.18	6	112	0.124	SE
B1	20190318	Sunny	Moderate	Mid-Flood	B	4.8	15:20	10.16	9.25	31.68	23.4	3.09	4	113	0.229	W
B1	20190318	Sunny	Moderate	Mid-Flood	B	4.8	15:20	10.36	9.26	31.49	23.7	2.99	5	112	0.174	SW
B1	20190318	Sunny	Moderate	Mid-Flood	S	1	15:21	10.21	8.87	31.92	23.4	2.99	5	112	0.245	SW
B1	20190318	Sunny	Moderate	Mid-Flood	S	1	15:21	10.37	9.04	31.68	23.6	3.06	4	113	0.151	SW
B2	20190318	Sunny	Moderate	Mid-Flood	B	5.2	15:41	11.03	8.85	29.36	23.6	2.94	4	111	0.125	W
B2	20190318	Sunny	Moderate	Mid-Flood	B	5.2	15:41	11.19	9.1	29.73	23.6	2.92	5	112	0.204	W
B2	20190318	Sunny	Moderate	Mid-Flood	S	1	15:42	11.24	9.04	31.12	23.6	2.96	5	112	0.221	W
B2	20190318	Sunny	Moderate	Mid-Flood	S	1	15:42	11.44	9.19	31.85	23.8	2.99	5	113	0.168	SW
B3	20190318	Sunny	Moderate	Mid-Flood	B	4.6	14:59	11.75	9.15	30.13	23.4	2.68	4	113	0.175	NW
B3	20190318	Sunny	Moderate	Mid-Flood	B	4.6	14:59	11.62	8.83	31.05	23.5	2.77	4	113	0.199	SW
B3	20190318	Sunny	Moderate	Mid-Flood	S	1	15:00	11.75	9.16	31.28	23.8	2.75	6	113	0.192	W
B3	20190318	Sunny	Moderate	Mid-Flood	S	1	15:00	11.61	8.99	30.22	23.5	2.68	5	112	0.17	W
B4	20190318	Sunny	Moderate	Mid-Flood	B	5.2	15:11	11.98	9.05	30.27	23.7	2.79	5	112	0.24	W
B4	20190318	Sunny	Moderate	Mid-Flood	B	5.2	15:11	11.84	9.16	31.28	23.7	2.86	5	111	0.222	W
B4	20190318	Sunny	Moderate	Mid-Flood	S	1	15:12	11.91	9.06	30.5	23.5	2.8	5	112	0.126	NW
B4	20190318	Sunny	Moderate	Mid-Flood	S	1	15:12	11.73	9.17	30.04	23.5	2.75	5	112	0.214	W
C1	20190318	Sunny	Moderate	Mid-Flood	B	10.7	14:56	11.55	8.88	31.82	23.5	2.68	6	111	0.201	W
C1	20190318	Sunny	Moderate	Mid-Flood	B	10.7	14:56	11.49	8.94	30.55	23.5	2.76	7	112	0.19	NW
C1	20190318	Sunny	Moderate	Mid-Flood	M	5.9	14:57	11.5	8.98	30.56	23.7	2.82	5	112	0.167	NW
C1	20190318	Sunny	Moderate	Mid-Flood	M	5.9	14:57	11.4	9	31.16	23.4	2.85	6	113	0.243	W
C1	20190318	Sunny	Moderate	Mid-Flood	S	1	14:58	11.34	8.91	29.33	23.8	2.79	6	113	0.228	W
C1	20190318	Sunny	Moderate	Mid-Flood	S	1	14:58	11.2	8.9	30.53	23.7	2.8	7	112	0.183	W
C2	20190318	Sunny	Moderate	Mid-Flood	B	7.6	14:13	11.8	8.88	29.67	23.6	2.57	6	112	0.186	W
C2	20190318	Sunny	Moderate	Mid-Flood	B	7.6	14:13	11.81	9.25	31.77	23.7	2.51	6	113	0.131	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C2	20190318	Sunny	Moderate	Mid-Flood	M	4.3	14:14	11.98	8.84	31.6	23.8	2.59	3	112	0.224	W
C2	20190318	Sunny	Moderate	Mid-Flood	M	4.3	14:14	11.99	9.11	30.64	23.7	2.54	4	111	0.171	SW
C2	20190318	Sunny	Moderate	Mid-Flood	S	1	14:15	11.95	8.87	31.15	23.4	2.5	4	112	0.221	W
C2	20190318	Sunny	Moderate	Mid-Flood	S	1	14:15	11.81	9.18	30.39	23.6	2.51	4	112	0.165	W
F1	20190318	Sunny	Moderate	Mid-Flood	B	7.6	16:29	10.62	8.9	31.13	23.4	3.48	7	113	0.229	W
F1	20190318	Sunny	Moderate	Mid-Flood	B	7.6	16:29	10.68	8.83	31.73	23.8	3.58	6	112	0.223	W
F1	20190318	Sunny	Moderate	Mid-Flood	M	4.3	16:30	10.56	9.23	31.54	23.4	3.65	4	113	0.184	W
F1	20190318	Sunny	Moderate	Mid-Flood	M	4.3	16:30	10.66	8.92	29.58	23.5	3.58	5	114	0.213	SW
F1	20190318	Sunny	Moderate	Mid-Flood	S	1	16:31	10.77	9.07	29.96	23.7	3.67	4	113	0.201	SW
F1	20190318	Sunny	Moderate	Mid-Flood	S	1	16:31	10.89	9.25	30.87	23.4	3.76	5	111	0.212	W
H1	20190318	Sunny	Moderate	Mid-Flood	B	6.7	14:41	10.63	8.94	30.11	23.6	2.23	7	112	0.131	SW
H1	20190318	Sunny	Moderate	Mid-Flood	B	6.7	14:41	10.45	8.85	29.76	23.6	2.25	6	112	0.129	W
H1	20190318	Sunny	Moderate	Mid-Flood	M	3.9	14:42	10.61	8.88	30.31	23.5	2.16	6	112	0.168	SW
H1	20190318	Sunny	Moderate	Mid-Flood	M	3.9	14:42	10.57	8.91	29.37	23.8	2.23	5	112	0.217	W
H1	20190318	Sunny	Moderate	Mid-Flood	S	1	14:43	10.7	8.83	29.83	23.8	2.13	7	112	0.125	W
H1	20190318	Sunny	Moderate	Mid-Flood	S	1	14:43	10.69	9.18	31.09	23.5	2.12	7	112	0.215	W
M1	20190318	Sunny	Moderate	Mid-Flood	B	8.2	15:52	10.14	9.09	31.67	23.6	2.23	6	113	0.175	W
M1	20190318	Sunny	Moderate	Mid-Flood	B	8.2	15:52	9.99	9.02	29.22	23.4	2.17	7	112	0.198	SW
M1	20190318	Sunny	Moderate	Mid-Flood	M	4.6	15:53	10.09	9.22	30.54	23.6	2.12	7	112	0.211	W
M1	20190318	Sunny	Moderate	Mid-Flood	M	4.6	15:53	10.04	9.13	29.89	23.6	2.09	8	113	0.239	W
M1	20190318	Sunny	Moderate	Mid-Flood	S	1	15:54	10	8.88	31.39	23.7	1.99	7	113	0.2	SW
M1	20190318	Sunny	Moderate	Mid-Flood	S	1	15:54	10.03	9.26	30.31	23.8	1.9	6	111	0.17	SW
CR1	20190318	Sunny	Moderate	Mid-Flood	B	11.3	14:10	12.04	9.11	31.55	23.8	3.41	7	110	0.223	W
CR1	20190318	Sunny	Moderate	Mid-Flood	B	11.3	14:10	12.16	8.94	30.03	23.5	3.33	8	113	0.175	NW
CR1	20190318	Sunny	Moderate	Mid-Flood	M	6.2	14:11	12.33	9.09	30.82	23.7	3.34	6	112	0.172	NW
CR1	20190318	Sunny	Moderate	Mid-Flood	M	6.2	14:11	12.52	9.06	30.57	23.8	3.44	6	113	0.135	NW
CR1	20190318	Sunny	Moderate	Mid-Flood	S	1	14:12	12.57	9.06	31.58	23.5	3.46	4	113	0.191	SW
CR1	20190318	Sunny	Moderate	Mid-Flood	S	1	14:12	12.71	8.87	29.24	23.7	3.47	5	112	0.208	SW
CR2	20190318	Sunny	Moderate	Mid-Flood	B	10.6	14:28	11.97	9	30.03	23.4	2.6	6	112	0.238	NW
CR2	20190318	Sunny	Moderate	Mid-Flood	B	10.6	14:28	11.83	9.03	29.24	23.4	2.67	7	113	0.211	SW
CR2	20190318	Sunny	Moderate	Mid-Flood	M	5.8	14:29	11.74	8.94	31.84	23.5	2.57	5	111	0.175	NW
CR2	20190318	Sunny	Moderate	Mid-Flood	M	5.8	14:29	11.65	9.01	30.12	23.5	2.57	4	112	0.239	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR2	20190318	Sunny	Moderate	Mid-Flood	S	1	14:30	11.81	8.94	30.36	23.5	2.54	6	112	0.2	W
CR2	20190318	Sunny	Moderate	Mid-Flood	S	1	14:30	11.95	8.92	30.28	23.5	2.54	6	112	0.248	SW
S1	20190318	Sunny	Moderate	Mid-Flood	B	4.3	15:30	11.21	8.96	30.73	23.5	2.78	5	112	0.231	W
S1	20190318	Sunny	Moderate	Mid-Flood	B	4.3	15:30	11.3	8.94	29.64	23.5	2.81	5	111	0.155	SW
S1	20190318	Sunny	Moderate	Mid-Flood	S	1	15:31	11.11	9.08	29.58	23.5	2.85	6	113	0.144	W
S1	20190318	Sunny	Moderate	Mid-Flood	S	1	15:31	11.29	9.17	29.38	23.8	2.88	4	111	0.214	NW
S2	20190318	Sunny	Moderate	Mid-Flood	B	8	15:59	10.61	8.84	30.65	23.5	2.78	4	111	0.179	SW
S2	20190318	Sunny	Moderate	Mid-Flood	B	8	15:59	10.48	9.17	29.43	23.8	2.73	4	112	0.19	SW
S2	20190318	Sunny	Moderate	Mid-Flood	M	4.5	16:00	10.62	8.84	29.98	23.6	2.69	4	112	0.239	SW
S2	20190318	Sunny	Moderate	Mid-Flood	M	4.5	16:00	10.72	8.84	29.91	23.6	2.74	5	113	0.134	SW
S2	20190318	Sunny	Moderate	Mid-Flood	S	1	16:01	10.59	9.24	30.16	23.6	2.68	6	112	0.228	NW
S2	20190318	Sunny	Moderate	Mid-Flood	S	1	16:01	10.58	9.23	30.71	23.7	2.69	5	112	0.201	SW
S3	20190318	Sunny	Moderate	Mid-Flood	B	7.5	14:18	11.97	9.05	29.46	23.6	2.7	4	112	0.252	NW
S3	20190318	Sunny	Moderate	Mid-Flood	B	7.5	14:18	11.98	9.26	30.46	23.7	2.79	4	112	0.249	W
S3	20190318	Sunny	Moderate	Mid-Flood	M	4.3	14:19	11.85	8.92	30.21	23.6	2.82	5	112	0.212	W
S3	20190318	Sunny	Moderate	Mid-Flood	M	4.3	14:19	11.7	9.01	30.2	23.5	2.92	5	112	0.171	W
S3	20190318	Sunny	Moderate	Mid-Flood	S	1	14:20	11.65	8.89	30.02	23.6	2.88	6	111	0.227	NW
S3	20190318	Sunny	Moderate	Mid-Flood	S	1	14:20	11.6	8.99	29.77	23.6	2.9	5	113	0.141	NW
B1	20190320	Cloudy	Moderate	Mid-Ebb	B	5.2	11:27	11.94	8.56	29.69	23.2	2.35	12	112	0.161	E
B1	20190320	Cloudy	Moderate	Mid-Ebb	B	5.2	11:27	11.96	8.85	31.24	23.2	2.32	12	111	0.204	SE
B1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:28	12.14	8.56	29.66	23.4	2.26	10	112	0.251	SE
B1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:28	12.2	8.75	31.27	23.4	2.36	10	112	0.171	E
B2	20190320	Cloudy	Moderate	Mid-Ebb	B	4.7	11:53	11.36	8.74	29.84	23.4	1.55	9	111	0.171	E
B2	20190320	Cloudy	Moderate	Mid-Ebb	B	4.7	11:53	11.18	8.72	29.96	23.2	1.51	9	110	0.211	SW
B2	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:54	11.3	8.53	30.13	23.2	1.59	10	111	0.219	SE
B2	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:54	11.11	8.71	30.63	23.4	1.5	10	112	0.23	S
B3	20190320	Cloudy	Moderate	Mid-Ebb	B	4.9	11:54	11.89	8.59	31.24	23.3	2.75	10	110	0.14	SE
B3	20190320	Cloudy	Moderate	Mid-Ebb	B	4.9	11:54	11.99	8.86	30.97	23.2	2.8	10	111	0.193	E
B3	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:55	11.89	8.76	30.65	23.5	2.89	11	110	0.137	SE
B3	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:55	11.8	8.6	29.53	23.1	2.91	10	112	0.144	SE
B4	20190320	Cloudy	Moderate	Mid-Ebb	B	4.8	12:04	12.23	8.86	29.41	23.5	2.75	12	111	0.132	SE
B4	20190320	Cloudy	Moderate	Mid-Ebb	B	4.8	12:04	12.12	8.84	30.27	23.6	2.84	11	113	0.231	S

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B4	20190320	Cloudy	Moderate	Mid-Ebb	S	1	12:05	12.24	8.53	31.2	23.4	2.86	12	112	0.127	E
B4	20190320	Cloudy	Moderate	Mid-Ebb	S	1	12:05	12.06	8.61	31.32	23.3	2.79	12	113	0.173	S
C1	20190320	Cloudy	Moderate	Mid-Ebb	B	9.1	10:59	10.45	8.69	31.58	23.5	3.04	8	112	0.163	SE
C1	20190320	Cloudy	Moderate	Mid-Ebb	B	9.1	10:59	10.38	8.61	29.37	23.4	3.11	9	112	0.24	S
C1	20190320	Cloudy	Moderate	Mid-Ebb	M	5.1	11:00	10.19	8.76	30.94	23.2	3.01	7	111	0.117	S
C1	20190320	Cloudy	Moderate	Mid-Ebb	M	5.1	11:00	10.07	8.81	31.29	23.6	2.98	6	111	0.251	S
C1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:01	9.96	8.85	31.56	23.3	2.98	6	111	0.179	SE
C1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:01	10.02	8.6	30.09	23.1	3.06	6	110	0.205	SW
C2	20190320	Cloudy	Moderate	Mid-Ebb	B	6.9	12:22	10.11	8.59	30.17	23.4	2.45	10	112	0.229	SW
C2	20190320	Cloudy	Moderate	Mid-Ebb	B	6.9	12:22	10.16	8.54	29.62	23.5	2.41	10	112	0.242	E
C2	20190320	Cloudy	Moderate	Mid-Ebb	M	4	12:23	9.98	8.87	29.72	23.4	2.48	8	111	0.149	S
C2	20190320	Cloudy	Moderate	Mid-Ebb	M	4	12:23	10.1	8.78	31.38	23.3	2.52	9	112	0.153	SE
C2	20190320	Cloudy	Moderate	Mid-Ebb	S	1	12:24	10.22	8.66	30.34	23.5	2.45	7	111	0.193	E
C2	20190320	Cloudy	Moderate	Mid-Ebb	S	1	12:24	10.07	8.6	31.51	23.1	2.4	8	111	0.174	S
F1	20190320	Cloudy	Moderate	Mid-Ebb	B	7	12:57	10.82	8.83	30.21	23.2	1.88	9	112	0.123	E
F1	20190320	Cloudy	Moderate	Mid-Ebb	B	7	12:57	10.81	8.53	29.34	23.1	1.83	10	111	0.183	S
F1	20190320	Cloudy	Moderate	Mid-Ebb	M	4	12:58	10.9	8.85	31.12	23.3	1.75	10	111	0.127	SW
F1	20190320	Cloudy	Moderate	Mid-Ebb	M	4	12:58	10.91	8.76	30.03	23.3	1.74	10	112	0.123	S
F1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	12:59	11.05	8.77	30.31	23.1	1.68	9	112	0.208	SE
F1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	12:59	10.99	8.85	29.31	23.1	1.72	10	112	0.191	S
H1	20190320	Cloudy	Moderate	Mid-Ebb	B	7	11:40	10.45	8.56	31.59	23.4	2.21	7	111	0.191	E
H1	20190320	Cloudy	Moderate	Mid-Ebb	B	7	11:40	10.53	8.62	29.42	23.2	2.27	6	112	0.227	S
H1	20190320	Cloudy	Moderate	Mid-Ebb	M	4	11:41	10.47	8.58	31.4	23.1	2.24	8	112	0.195	SE
H1	20190320	Cloudy	Moderate	Mid-Ebb	M	4	11:41	10.61	8.56	30	23.5	2.27	9	112	0.237	SE
H1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:42	10.76	8.75	29.47	23.1	2.24	11	112	0.241	SW
H1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:42	10.75	8.7	30.11	23.1	2.29	11	111	0.137	E
M1	20190320	Cloudy	Moderate	Mid-Ebb	B	8	13:29	12.09	8.84	29.48	23.6	1.78	10	111	0.237	SE
M1	20190320	Cloudy	Moderate	Mid-Ebb	B	8	13:29	12.29	8.68	30.66	23.2	1.69	10	112	0.161	SE
M1	20190320	Cloudy	Moderate	Mid-Ebb	M	4.5	13:30	12.13	8.76	30.86	23.3	1.76	10	112	0.142	S
M1	20190320	Cloudy	Moderate	Mid-Ebb	M	4.5	13:30	12.12	8.85	29.4	23.6	1.84	10	112	0.157	SE
M1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	13:31	12.02	8.79	31.05	23.3	1.76	9	112	0.192	S
M1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	13:31	11.85	8.8	29.88	23.5	1.72	9	112	0.218	S

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 Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR1	20190320	Cloudy	Moderate	Mid-Ebb	B	10.5	11:00	11.99	8.7	30	23.2	2.15	9	111	0.163	SE
CR1	20190320	Cloudy	Moderate	Mid-Ebb	B	10.5	11:00	12.15	8.6	31.36	23.2	2.08	9	111	0.146	SW
CR1	20190320	Cloudy	Moderate	Mid-Ebb	M	5.8	11:01	12.02	8.64	31.02	23.1	2.04	9	111	0.183	SE
CR1	20190320	Cloudy	Moderate	Mid-Ebb	M	5.8	11:01	12.19	8.86	29.53	23.2	1.95	8	112	0.215	S
CR1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:02	12.27	8.74	31.34	23.5	1.93	9	112	0.205	E
CR1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:02	12.47	8.74	31.21	23.5	1.94	8	111	0.177	SE
CR2	20190320	Cloudy	Moderate	Mid-Ebb	B	9.7	11:10	10.12	8.7	30.08	23.5	2.94	9	112	0.25	S
CR2	20190320	Cloudy	Moderate	Mid-Ebb	B	9.7	11:10	10.22	8.6	30.95	23.3	2.93	8	113	0.162	SE
CR2	20190320	Cloudy	Moderate	Mid-Ebb	M	5.4	11:11	10.35	8.76	29.28	23.4	2.91	8	111	0.205	S
CR2	20190320	Cloudy	Moderate	Mid-Ebb	M	5.4	11:11	10.2	8.74	31.43	23.1	2.98	8	110	0.242	SE
CR2	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:12	10.15	8.65	31.12	23.1	2.89	9	111	0.134	S
CR2	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:12	9.96	8.54	29.42	23.2	2.99	10	111	0.204	SE
S1	20190320	Cloudy	Moderate	Mid-Ebb	B	4.3	11:39	10.3	8.58	31.2	23.5	2.53	9	111	0.214	S
S1	20190320	Cloudy	Moderate	Mid-Ebb	B	4.3	11:39	10.25	8.55	29.6	23.5	2.6	10	112	0.157	SE
S1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:40	10.22	8.66	29.47	23.3	2.58	9	111	0.12	S
S1	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:40	10.29	8.55	29.7	23.6	2.63	10	112	0.131	SE
S2	20190320	Cloudy	Moderate	Mid-Ebb	B	7.8	12:13	10.59	8.63	30.16	23.4	3.09	10	112	0.159	E
S2	20190320	Cloudy	Moderate	Mid-Ebb	B	7.8	12:13	10.66	8.68	31.31	23.1	3.1	10	112	0.22	SE
S2	20190320	Cloudy	Moderate	Mid-Ebb	M	4.4	12:14	10.67	8.75	30.49	23.4	3.09	8	111	0.22	SE
S2	20190320	Cloudy	Moderate	Mid-Ebb	M	4.4	12:14	10.51	8.66	29.66	23.6	3.08	8	111	0.172	E
S2	20190320	Cloudy	Moderate	Mid-Ebb	S	1	12:15	10.55	8.74	30.55	23.3	3.02	7	112	0.126	E
S2	20190320	Cloudy	Moderate	Mid-Ebb	S	1	12:15	10.56	8.78	31.47	23.3	3.11	7	112	0.175	SW
S3	20190320	Cloudy	Moderate	Mid-Ebb	B	7.6	11:21	12.34	8.85	30.32	23.6	2.34	10	112	0.158	SE
S3	20190320	Cloudy	Moderate	Mid-Ebb	B	7.6	11:21	12.51	8.65	31.34	23.6	2.32	10	111	0.176	SE
S3	20190320	Cloudy	Moderate	Mid-Ebb	M	4.3	11:22	12.7	8.71	31.17	23.6	2.27	8	112	0.179	SW
S3	20190320	Cloudy	Moderate	Mid-Ebb	M	4.3	11:22	12.71	8.52	31.42	23.3	2.17	9	112	0.235	SE
S3	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:23	12.71	8.86	31.06	23.5	2.2	7	111	0.15	S
S3	20190320	Cloudy	Moderate	Mid-Ebb	S	1	11:23	12.76	8.67	29.31	23.1	2.21	7	112	0.221	S
B1	20190320	Cloudy	Moderate	Mid-Flood	B	5.3	16:06	11.93	8.54	31.19	23.8	2.61	6	112	0.28	W
B1	20190320	Cloudy	Moderate	Mid-Flood	B	5.3	16:06	11.97	8.59	31.36	23.8	2.68	5	113	0.218	W
B1	20190320	Cloudy	Moderate	Mid-Flood	S	1	16:07	12.13	8.69	31.15	23.8	2.6	6	111	0.255	SW
B1	20190320	Cloudy	Moderate	Mid-Flood	S	1	16:07	11.93	8.75	29.85	23.8	2.56	7	112	0.292	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B2	20190320	Cloudy	Moderate	Mid-Flood	B	5.2	16:25	10	8.54	29.65	23.7	2.16	5	112	0.251	SW
B2	20190320	Cloudy	Moderate	Mid-Flood	B	5.2	16:25	10.14	8.68	30.37	23.8	2.08	6	110	0.283	S
B2	20190320	Cloudy	Moderate	Mid-Flood	S	1	16:26	9.95	8.61	30.03	23.6	2.02	5	112	0.185	W
B2	20190320	Cloudy	Moderate	Mid-Flood	S	1	16:26	9.76	8.59	30.99	23.7	1.95	6	111	0.198	NW
B3	20190320	Cloudy	Moderate	Mid-Flood	B	5.1	15:25	11.44	8.58	29.3	23.9	2.58	10	111	0.247	W
B3	20190320	Cloudy	Moderate	Mid-Flood	B	5.1	15:25	11.26	8.73	31	23.6	2.51	9	112	0.26	SW
B3	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:26	11.12	8.6	31.28	23.7	2.41	5	111	0.187	W
B3	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:26	11.06	8.72	31.01	23.9	2.32	6	112	0.176	SW
B4	20190320	Cloudy	Moderate	Mid-Flood	B	4.5	15:35	11.75	8.58	31.47	23.6	2.4	8	111	0.214	W
B4	20190320	Cloudy	Moderate	Mid-Flood	B	4.5	15:35	11.55	8.69	29.44	23.9	2.43	6	112	0.268	W
B4	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:36	11.52	8.65	31.29	23.7	2.48	6	111	0.235	SW
B4	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:36	11.61	8.54	29.85	23.8	2.47	7	112	0.188	SW
C1	20190320	Cloudy	Moderate	Mid-Flood	B	9.3	15:41	10.39	8.56	29.46	23.8	2.87	8	112	0.277	NW
C1	20190320	Cloudy	Moderate	Mid-Flood	B	9.3	15:41	10.25	8.53	31.04	23.7	2.88	9	112	0.202	SW
C1	20190320	Cloudy	Moderate	Mid-Flood	M	5.2	15:42	10.37	8.58	30.73	23.8	2.81	8	112	0.164	W
C1	20190320	Cloudy	Moderate	Mid-Flood	M	5.2	15:42	10.43	8.66	31.49	23.7	2.9	9	112	0.171	NW
C1	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:43	10.54	8.75	31.1	23.6	2.87	6	112	0.239	W
C1	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:43	10.67	8.66	29.52	23.9	2.92	5	112	0.212	SW
C2	20190320	Cloudy	Moderate	Mid-Flood	B	7.3	14:52	9.85	8.64	29.27	23.6	2.94	9	111	0.28	W
C2	20190320	Cloudy	Moderate	Mid-Flood	B	7.3	14:52	9.76	8.57	29.92	23.8	2.92	8	112	0.194	W
C2	20190320	Cloudy	Moderate	Mid-Flood	M	4.2	14:53	9.57	8.62	30.89	23.8	2.84	9	112	0.22	W
C2	20190320	Cloudy	Moderate	Mid-Flood	M	4.2	14:53	9.49	8.75	30.31	23.9	2.92	9	111	0.252	SW
C2	20190320	Cloudy	Moderate	Mid-Flood	S	1	14:54	9.48	8.75	31.01	23.6	2.98	9	111	0.312	SW
C2	20190320	Cloudy	Moderate	Mid-Flood	S	1	14:54	9.33	8.76	31.56	23.9	3	10	112	0.23	NW
F1	20190320	Cloudy	Moderate	Mid-Flood	B	7	16:03	12.08	8.71	30.53	23.6	2.27	9	111	0.251	W
F1	20190320	Cloudy	Moderate	Mid-Flood	B	7	16:03	12	8.68	31.42	23.9	2.23	8	112	0.303	SW
F1	20190320	Cloudy	Moderate	Mid-Flood	M	4	16:04	12.05	8.53	29.55	23.6	2.16	8	112	0.306	SW
F1	20190320	Cloudy	Moderate	Mid-Flood	M	4	16:04	11.9	8.53	31.28	23.7	2.07	7	111	0.173	SW
F1	20190320	Cloudy	Moderate	Mid-Flood	S	1	16:05	12.05	8.67	29.84	23.8	2.11	9	112	0.281	W
F1	20190320	Cloudy	Moderate	Mid-Flood	S	1	16:05	12.21	8.66	30.26	23.8	2.12	8	112	0.258	W
H1	20190320	Cloudy	Moderate	Mid-Flood	B	7.1	15:11	10.28	8.77	31.37	23.7	1.88	7	112	0.304	SW
H1	20190320	Cloudy	Moderate	Mid-Flood	B	7.1	15:11	10.28	8.69	29.73	23.8	1.8	7	112	0.244	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
H1	20190320	Cloudy	Moderate	Mid-Flood	M	4.1	15:12	10.33	8.53	31.32	23.6	1.72	9	111	0.179	W
H1	20190320	Cloudy	Moderate	Mid-Flood	M	4.1	15:12	10.49	8.56	30.71	23.6	1.73	8	111	0.23	SW
H1	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:13	10.61	8.59	29.37	23.8	1.72	10	112	0.282	NW
H1	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:13	10.6	8.77	30.72	23.7	1.77	10	112	0.206	NW
M1	20190320	Cloudy	Moderate	Mid-Flood	B	8.5	16:33	11.31	8.54	29.72	23.7	2.14	8	112	0.217	SW
M1	20190320	Cloudy	Moderate	Mid-Flood	B	8.5	16:33	11.48	8.75	30.87	23.8	2.08	7	112	0.216	W
M1	20190320	Cloudy	Moderate	Mid-Flood	M	4.8	16:34	11.59	8.54	30.37	23.9	2.06	7	111	0.281	W
M1	20190320	Cloudy	Moderate	Mid-Flood	M	4.8	16:34	11.61	8.56	31.01	23.6	2.04	7	110	0.229	NW
M1	20190320	Cloudy	Moderate	Mid-Flood	S	1	16:35	11.54	8.56	30.44	23.9	2.08	5	111	0.273	SW
M1	20190320	Cloudy	Moderate	Mid-Flood	S	1	16:35	11.42	8.61	30.27	23.6	2.03	5	111	0.177	W
CR1	20190320	Cloudy	Moderate	Mid-Flood	B	11.5	14:58	12.36	8.55	30.56	23.7	2.06	6	112	0.181	W
CR1	20190320	Cloudy	Moderate	Mid-Flood	B	11.5	14:58	12.36	8.57	31.39	23.8	2.02	7	111	0.272	W
CR1	20190320	Cloudy	Moderate	Mid-Flood	M	6.3	14:59	12.26	8.75	30.64	23.7	1.99	9	111	0.185	W
CR1	20190320	Cloudy	Moderate	Mid-Flood	M	6.3	14:59	12.22	8.67	30.68	23.8	1.99	10	111	0.228	SW
CR1	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:00	12.13	8.53	31.06	23.6	1.96	11	111	0.259	W
CR1	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:00	12.29	8.66	29.44	23.9	1.97	12	111	0.215	W
CR2	20190320	Cloudy	Moderate	Mid-Flood	B	9.7	15:12	10.55	8.75	29.43	23.9	1.94	8	112	0.184	W
CR2	20190320	Cloudy	Moderate	Mid-Flood	B	9.7	15:12	10.4	8.65	30.1	23.7	1.96	7	112	0.193	SW
CR2	20190320	Cloudy	Moderate	Mid-Flood	M	5.4	15:13	10.44	8.61	29.28	23.7	2	7	112	0.206	SW
CR2	20190320	Cloudy	Moderate	Mid-Flood	M	5.4	15:13	10.32	8.54	30.51	23.8	1.94	7	112	0.303	SW
CR2	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:14	10.14	8.52	29.47	23.9	1.88	6	111	0.206	NW
CR2	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:14	10.25	8.63	30.73	23.7	1.89	6	111	0.228	W
S1	20190320	Cloudy	Moderate	Mid-Flood	B	4.6	16:14	10.74	8.56	29.99	23.6	2.48	8	112	0.286	SW
S1	20190320	Cloudy	Moderate	Mid-Flood	B	4.6	16:14	10.57	8.55	29.78	23.8	2.43	7	113	0.174	NW
S1	20190320	Cloudy	Moderate	Mid-Flood	S	1	16:15	10.48	8.77	30.54	23.9	2.39	9	111	0.282	W
S1	20190320	Cloudy	Moderate	Mid-Flood	S	1	16:15	10.33	8.52	29.6	23.8	2.36	9	112	0.198	NW
S2	20190320	Cloudy	Moderate	Mid-Flood	B	8.8	16:42	10.78	8.52	29.3	23.8	1.74	10	112	0.282	W
S2	20190320	Cloudy	Moderate	Mid-Flood	B	8.8	16:42	10.76	8.53	30.14	23.6	1.64	8	112	0.171	W
S2	20190320	Cloudy	Moderate	Mid-Flood	M	4.9	16:43	10.64	8.72	30.34	23.6	1.73	5	111	0.294	SW
S2	20190320	Cloudy	Moderate	Mid-Flood	M	4.9	16:43	10.66	8.56	31.06	23.7	1.66	6	112	0.235	W
S2	20190320	Cloudy	Moderate	Mid-Flood	S	1	16:44	10.56	8.65	30.85	23.8	1.66	6	110	0.226	NW
S2	20190320	Cloudy	Moderate	Mid-Flood	S	1	16:44	10.66	8.55	30.84	23.7	1.71	6	112	0.296	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
S3	20190320	Cloudy	Moderate	Mid-Flood	B	7	15:04	12.14	8.64	29.7	23.9	2.91	7	113	0.228	W
S3	20190320	Cloudy	Moderate	Mid-Flood	B	7	15:04	12.06	8.55	30.52	23.7	2.95	8	110	0.214	W
S3	20190320	Cloudy	Moderate	Mid-Flood	M	4	15:05	12.13	8.59	30	23.7	2.86	6	113	0.186	W
S3	20190320	Cloudy	Moderate	Mid-Flood	M	4	15:05	12.07	8.66	29.27	23.6	2.82	7	112	0.194	NW
S3	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:06	12.15	8.71	30.8	23.8	2.8	11	113	0.19	W
S3	20190320	Cloudy	Moderate	Mid-Flood	S	1	15:06	11.95	8.66	29.75	23.6	2.87	11	112	0.163	NW
B1	20190322	Cloudy	Light	Mid-Flood	B	4.5	9:59	11.84	8.9	29.99	21.7	2.89	5	108	0.138	SW
B1	20190322	Cloudy	Light	Mid-Flood	B	4.5	9:59	12	8.96	32.05	22	2.94	6	106	0.16	NW
B1	20190322	Cloudy	Light	Mid-Flood	S	1	10:00	11.99	8.99	32.11	22	2.84	5	107	0.291	NW
B1	20190322	Cloudy	Light	Mid-Flood	S	1	10:00	11.79	8.8	30.26	22	2.74	5	107	0.227	NW
B2	20190322	Cloudy	Light	Mid-Flood	B	5.1	10:22	12.17	8.72	31.87	21.9	2.17	5	108	0.246	NW
B2	20190322	Cloudy	Light	Mid-Flood	B	5.1	10:22	12.22	8.9	29.88	22	2.11	5	107	0.177	SW
B2	20190322	Cloudy	Light	Mid-Flood	S	1	10:23	12.15	8.79	32.45	22	2.11	6	108	0.274	W
B2	20190322	Cloudy	Light	Mid-Flood	S	1	10:23	12.3	8.92	31.69	21.9	2.18	6	108	0.14	SW
B3	20190322	Cloudy	Light	Mid-Flood	B	5.1	10:38	11.68	8.97	32.93	22	1.47	3	108	0.13	NW
B3	20190322	Cloudy	Light	Mid-Flood	B	5.1	10:38	11.71	8.73	29.8	22	1.44	5	107	0.186	W
B3	20190322	Cloudy	Light	Mid-Flood	S	1	10:39	11.82	8.83	31.7	21.8	1.4	<2	107	0.216	W
B3	20190322	Cloudy	Light	Mid-Flood	S	1	10:39	11.92	8.73	31.39	21.9	1.45	3	108	0.152	SW
B4	20190322	Cloudy	Light	Mid-Flood	B	4.8	10:50	11.38	8.91	30.03	21.8	2.91	3	108	0.288	W
B4	20190322	Cloudy	Light	Mid-Flood	B	4.8	10:50	11.29	8.75	29.99	22	2.85	3	108	0.234	NW
B4	20190322	Cloudy	Light	Mid-Flood	S	1	10:51	11.27	8.97	32.9	21.9	2.78	3	108	0.264	W
B4	20190322	Cloudy	Light	Mid-Flood	S	1	10:51	11.42	8.98	32.39	22	2.82	3	107	0.287	SW
C1	20190322	Cloudy	Light	Mid-Flood	B	10.2	9:34	12.35	8.99	32.45	21.9	2.82	4	107	0.234	W
C1	20190322	Cloudy	Light	Mid-Flood	B	10.2	9:34	12.5	8.78	30.89	21.8	2.83	4	107	0.232	NW
C1	20190322	Cloudy	Light	Mid-Flood	M	5.6	9:35	12.62	8.96	31.98	22	2.83	4	108	0.192	SW
C1	20190322	Cloudy	Light	Mid-Flood	M	5.6	9:35	12.76	9.06	29.63	21.7	2.76	3	107	0.125	W
C1	20190322	Cloudy	Light	Mid-Flood	S	1	9:36	12.81	8.78	29.91	22	2.85	5	108	0.184	NW
C1	20190322	Cloudy	Light	Mid-Flood	S	1	9:36	12.9	9.06	29.77	22	2.93	4	107	0.206	W
C2	20190322	Cloudy	Light	Mid-Flood	B	7	8:36	11.87	8.72	31.53	22	3.04	4	108	0.173	W
C2	20190322	Cloudy	Light	Mid-Flood	B	7	8:36	11.86	8.93	31.57	21.9	3.03	4	108	0.287	NW
C2	20190322	Cloudy	Light	Mid-Flood	M	4	8:37	11.67	9.05	32.91	21.7	3.03	3	107	0.285	W
C2	20190322	Cloudy	Light	Mid-Flood	M	4	8:37	11.78	8.98	32.03	21.9	3	2	109	0.156	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C2	20190322	Cloudy	Light	Mid-Flood	S	1	8:38	11.71	8.8	29.57	22	3.01	2	108	0.219	W
C2	20190322	Cloudy	Light	Mid-Flood	S	1	8:38	11.57	9.07	29.85	22	3	<2	107	0.147	SW
F1	20190322	Cloudy	Light	Mid-Flood	B	6.9	9:02	11.99	8.94	32.06	22	1.73	2	107	0.241	W
F1	20190322	Cloudy	Light	Mid-Flood	B	6.9	9:02	11.86	8.96	31.13	21.8	1.65	4	107	0.156	W
F1	20190322	Cloudy	Light	Mid-Flood	M	4	9:03	11.67	8.94	30.89	21.8	1.58	5	108	0.261	W
F1	20190322	Cloudy	Light	Mid-Flood	M	4	9:03	11.78	8.8	32.83	21.8	1.51	4	108	0.166	W
F1	20190322	Cloudy	Light	Mid-Flood	S	1	9:04	11.96	8.79	32.37	22	1.61	4	108	0.24	SW
F1	20190322	Cloudy	Light	Mid-Flood	S	1	9:04	12.16	9.05	29.09	22	1.56	5	107	0.216	SW
H1	20190322	Cloudy	Light	Mid-Flood	B	6.7	10:19	10.47	8.86	32.83	21.8	1.8	5	107	0.135	SW
H1	20190322	Cloudy	Light	Mid-Flood	B	6.7	10:19	10.43	8.95	32.3	21.9	1.8	4	108	0.266	W
H1	20190322	Cloudy	Light	Mid-Flood	M	3.9	10:20	10.62	8.9	32.42	21.9	1.71	4	108	0.242	W
H1	20190322	Cloudy	Light	Mid-Flood	M	3.9	10:20	10.43	8.94	30.07	22	1.75	3	108	0.24	W
H1	20190322	Cloudy	Light	Mid-Flood	S	1	10:21	10.48	8.93	29.59	22	1.82	4	107	0.201	W
H1	20190322	Cloudy	Light	Mid-Flood	S	1	10:21	10.42	8.88	31.51	21.8	1.91	4	108	0.188	W
M1	20190322	Cloudy	Light	Mid-Flood	B	8.8	9:36	12.99	8.75	30.87	21.7	2.47	9	108	0.261	W
M1	20190322	Cloudy	Light	Mid-Flood	B	8.8	9:36	12.83	8.99	29.8	21.7	2.38	10	107	0.193	NW
M1	20190322	Cloudy	Light	Mid-Flood	M	4.9	9:37	13.02	9.03	30.64	22	2.33	8	108	0.26	NW
M1	20190322	Cloudy	Light	Mid-Flood	M	4.9	9:37	13.12	8.76	32.45	22	2.42	8	108	0.162	SW
M1	20190322	Cloudy	Light	Mid-Flood	S	1	9:38	13.25	8.88	29.19	21.8	2.4	6	107	0.286	NW
M1	20190322	Cloudy	Light	Mid-Flood	S	1	9:38	13.08	8.99	32.1	21.8	2.5	5	109	0.2	W
CR1	20190322	Cloudy	Light	Mid-Flood	B	11.2	8:49	10.28	8.88	30.83	21.8	1.64	7	107	0.288	W
CR1	20190322	Cloudy	Light	Mid-Flood	B	11.2	8:49	10.45	8.85	31.36	21.7	1.69	8	109	0.218	W
CR1	20190322	Cloudy	Light	Mid-Flood	M	6.1	8:50	10.62	8.78	30.67	22	1.78	5	109	0.132	NW
CR1	20190322	Cloudy	Light	Mid-Flood	M	6.1	8:50	10.48	8.8	31.16	21.7	1.78	6	109	0.132	SW
CR1	20190322	Cloudy	Light	Mid-Flood	S	1	8:51	10.56	8.82	31.87	21.7	1.73	7	108	0.218	W
CR1	20190322	Cloudy	Light	Mid-Flood	S	1	8:51	10.39	8.91	30.13	21.7	1.8	7	109	0.137	SW
CR2	20190322	Cloudy	Light	Mid-Flood	B	10.3	9:09	10.51	8.87	31.49	22	2.74	4	107	0.175	W
CR2	20190322	Cloudy	Light	Mid-Flood	B	10.3	9:09	10.34	8.93	31.16	21.8	2.76	6	107	0.213	NW
CR2	20190322	Cloudy	Light	Mid-Flood	M	5.7	9:10	10.27	8.92	29.4	22	2.68	6	108	0.229	SW
CR2	20190322	Cloudy	Light	Mid-Flood	M	5.7	9:10	10.34	8.78	32.67	22	2.75	6	107	0.23	W
CR2	20190322	Cloudy	Light	Mid-Flood	S	1	9:11	10.32	8.78	29.29	21.9	2.79	8	107	0.235	W
CR2	20190322	Cloudy	Light	Mid-Flood	S	1	9:11	10.32	9	31.96	21.7	2.84	7	107	0.128	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
S1	20190322	Cloudy	Light	Mid-Flood	B	4.1	10:09	13	8.77	32.21	22	1.71	6	107	0.261	W
S1	20190322	Cloudy	Light	Mid-Flood	B	4.1	10:09	13.19	8.84	29.47	21.8	1.65	7	107	0.228	W
S1	20190322	Cloudy	Light	Mid-Flood	S	1	10:10	13.17	8.82	30.62	22	1.61	5	107	0.149	SW
S1	20190322	Cloudy	Light	Mid-Flood	S	1	10:10	13.33	8.74	30.13	22	1.54	6	108	0.134	W
S2	20190322	Cloudy	Light	Mid-Flood	B	8.5	10:39	12.22	8.76	31.3	21.8	2.73	6	107	0.184	W
S2	20190322	Cloudy	Light	Mid-Flood	B	8.5	10:39	12.24	9.05	29.69	21.9	2.64	7	108	0.162	W
S2	20190322	Cloudy	Light	Mid-Flood	M	4.8	10:40	12.15	8.89	32.62	21.8	2.71	5	107	0.277	W
S2	20190322	Cloudy	Light	Mid-Flood	M	4.8	10:40	12.3	8.83	32.63	21.7	2.69	6	106	0.14	W
S2	20190322	Cloudy	Light	Mid-Flood	S	1	10:41	12.19	8.95	32.72	22	2.68	6	107	0.178	W
S2	20190322	Cloudy	Light	Mid-Flood	S	1	10:41	12.32	8.78	30.17	21.9	2.69	5	108	0.213	W
S3	20190322	Cloudy	Light	Mid-Flood	B	7	8:59	11.89	8.85	32.47	22	1.44	4	108	0.224	SW
S3	20190322	Cloudy	Light	Mid-Flood	B	7	8:59	12.06	8.74	31.43	21.8	1.54	4	107	0.256	SW
S3	20190322	Cloudy	Light	Mid-Flood	M	4	9:00	12.03	8.79	32.17	21.9	1.47	6	108	0.128	W
S3	20190322	Cloudy	Light	Mid-Flood	M	4	9:00	12.13	8.84	29.47	21.8	1.48	7	107	0.205	SW
S3	20190322	Cloudy	Light	Mid-Flood	S	1	9:01	12.21	9	31.84	21.7	1.45	6	107	0.187	NW
S3	20190322	Cloudy	Light	Mid-Flood	S	1	9:01	12.21	8.94	29.71	22	1.43	7	108	0.207	W
B1	20190322	Cloudy	Light	Mid-Ebb	B	4	11:59	12.95	8.81	31.67	23.7	1.87	7	107	0.109	SE
B1	20190322	Cloudy	Light	Mid-Ebb	B	4	11:59	13.01	8.59	29.57	23.6	1.77	6	107	0.131	SE
B1	20190322	Cloudy	Light	Mid-Ebb	S	1	12:00	13.04	8.58	29.69	23.8	1.74	8	107	0.102	S
B1	20190322	Cloudy	Light	Mid-Ebb	S	1	12:00	12.92	8.74	31.82	23.6	1.72	8	108	0.109	SE
B2	20190322	Cloudy	Light	Mid-Ebb	B	5	12:22	10.96	8.95	30.39	23.8	1.66	7	107	0.106	SE
B2	20190322	Cloudy	Light	Mid-Ebb	B	5	12:22	10.87	8.64	31.26	23.6	1.57	8	108	0.119	SE
B2	20190322	Cloudy	Light	Mid-Ebb	S	1	12:23	10.79	8.57	28.88	23.9	1.63	8	108	0.103	S
B2	20190322	Cloudy	Light	Mid-Ebb	S	1	12:23	10.85	8.65	29.63	23.7	1.71	8	107	0.132	E
B3	20190322	Cloudy	Light	Mid-Ebb	B	5	13:30	10.98	9.08	31.18	23.8	1.69	10	106	0.15	SE
B3	20190322	Cloudy	Light	Mid-Ebb	B	5	13:30	10.8	8.55	30.83	23.7	1.6	11	106	0.093	E
B3	20190322	Cloudy	Light	Mid-Ebb	S	1	13:31	10.84	8.83	32.21	23.8	1.6	6	107	0.141	SE
B3	20190322	Cloudy	Light	Mid-Ebb	S	1	13:31	11.03	8.43	29.55	23.8	1.5	6	107	0.106	E
B4	20190322	Cloudy	Light	Mid-Ebb	B	4.1	13:39	11.92	8.89	30.08	23.6	2.42	12	107	0.115	S
B4	20190322	Cloudy	Light	Mid-Ebb	B	4.1	13:39	11.93	9.1	28.27	23.8	2.4	11	108	0.105	S
B4	20190322	Cloudy	Light	Mid-Ebb	S	1	13:40	12.05	8.87	31.95	23.7	2.47	6	107	0.137	E
B4	20190322	Cloudy	Light	Mid-Ebb	S	1	13:40	11.95	8.78	30.71	23.7	2.55	5	107	0.152	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C1	20190322	Cloudy	Light	Mid-Ebb	B	9.1	11:34	10.82	8.44	28.72	23.9	2.1	10	108	0.147	S
C1	20190322	Cloudy	Light	Mid-Ebb	B	9.1	11:34	10.66	9.05	29.41	23.7	2.05	10	107	0.087	SE
C1	20190322	Cloudy	Light	Mid-Ebb	M	5.1	11:35	10.77	8.71	29.25	23.8	2.15	6	106	0.099	SE
C1	20190322	Cloudy	Light	Mid-Ebb	M	5.1	11:35	10.57	8.69	30.06	23.8	2.06	6	107	0.083	SE
C1	20190322	Cloudy	Light	Mid-Ebb	S	1	11:36	10.48	8.54	28.54	23.6	1.97	7	108	0.079	SE
C1	20190322	Cloudy	Light	Mid-Ebb	S	1	11:36	10.64	8.59	31.67	23.8	1.91	6	108	0.097	E
C2	20190322	Cloudy	Light	Mid-Ebb	B	7.6	12:49	11.66	9.09	28.49	23.6	2.96	9	108	0.124	S
C2	20190322	Cloudy	Light	Mid-Ebb	B	7.6	12:49	11.63	8.65	29.29	23.8	2.94	8	106	0.117	E
C2	20190322	Cloudy	Light	Mid-Ebb	M	4.3	12:50	11.72	8.75	30.67	23.7	2.95	6	107	0.113	E
C2	20190322	Cloudy	Light	Mid-Ebb	M	4.3	12:50	11.8	9.02	31.64	23.6	3.04	7	108	0.1	S
C2	20190322	Cloudy	Light	Mid-Ebb	S	1	12:51	11.98	8.49	30.1	23.8	3.11	6	108	0.101	S
C2	20190322	Cloudy	Light	Mid-Ebb	S	1	12:51	11.89	9.03	31.22	23.7	3.09	7	107	0.142	S
F1	20190322	Cloudy	Light	Mid-Ebb	B	7	11:38	12.08	8.82	30.31	23.7	2.42	11	107	0.083	SE
F1	20190322	Cloudy	Light	Mid-Ebb	B	7	11:38	11.97	9.07	31.63	23.7	2.36	10	108	0.093	SE
F1	20190322	Cloudy	Light	Mid-Ebb	M	4	11:39	12.04	8.99	29.05	23.7	2.33	6	107	0.102	SE
F1	20190322	Cloudy	Light	Mid-Ebb	M	4	11:39	12.01	8.66	29.57	23.7	2.36	5	107	0.146	S
F1	20190322	Cloudy	Light	Mid-Ebb	S	1	11:40	12.1	8.67	31.65	23.7	2.27	6	107	0.112	SE
F1	20190322	Cloudy	Light	Mid-Ebb	S	1	11:40	12.04	9.08	32.22	23.8	2.2	6	107	0.144	SE
H1	20190322	Cloudy	Light	Mid-Ebb	B	6.1	13:13	11.64	8.64	31.73	23.9	1.51	7	108	0.092	E
H1	20190322	Cloudy	Light	Mid-Ebb	B	6.1	13:13	11.5	9.12	31.03	23.8	1.61	8	107	0.129	SE
H1	20190322	Cloudy	Light	Mid-Ebb	M	3.6	13:14	11.42	8.77	29.38	23.9	1.62	8	108	0.119	SE
H1	20190322	Cloudy	Light	Mid-Ebb	M	3.6	13:14	11.51	8.49	30.81	23.8	1.52	8	106	0.145	S
H1	20190322	Cloudy	Light	Mid-Ebb	S	1	13:15	11.51	9.1	28.59	23.9	1.62	9	107	0.135	E
H1	20190322	Cloudy	Light	Mid-Ebb	S	1	13:15	11.38	8.68	30.62	23.8	1.67	8	106	0.135	S
M1	20190322	Cloudy	Light	Mid-Ebb	B	8.2	12:19	12.5	8.96	32.15	23.8	1.46	6	107	0.088	SE
M1	20190322	Cloudy	Light	Mid-Ebb	B	8.2	12:19	12.65	8.71	30	23.8	1.52	6	107	0.107	SE
M1	20190322	Cloudy	Light	Mid-Ebb	M	4.6	12:20	12.84	8.5	29.12	23.7	1.6	6	107	0.113	SE
M1	20190322	Cloudy	Light	Mid-Ebb	M	4.6	12:20	12.99	8.72	31.01	23.9	1.61	7	108	0.095	SE
M1	20190322	Cloudy	Light	Mid-Ebb	S	1	12:21	12.82	8.44	31.28	23.7	1.67	6	107	0.111	SE
M1	20190322	Cloudy	Light	Mid-Ebb	S	1	12:21	12.67	8.46	30.32	23.6	1.59	7	108	0.091	SE
CR1	20190322	Cloudy	Light	Mid-Ebb	B	11.3	13:19	11.68	8.91	30.64	23.7	1.4	6	106	0.148	SE
CR1	20190322	Cloudy	Light	Mid-Ebb	B	11.3	13:19	11.68	9.11	28.97	23.8	1.36	6	108	0.124	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR1	20190322	Cloudy	Light	Mid-Ebb	M	6.2	13:20	11.86	9.02	30.62	23.7	1.28	6	106	0.126	SE
CR1	20190322	Cloudy	Light	Mid-Ebb	M	6.2	13:20	11.77	8.58	29.51	23.9	1.36	7	107	0.125	SE
CR1	20190322	Cloudy	Light	Mid-Ebb	S	1	13:21	11.74	8.98	32.14	23.6	1.33	7	107	0.144	E
CR1	20190322	Cloudy	Light	Mid-Ebb	S	1	13:21	11.62	8.7	30.84	23.6	1.25	7	107	0.086	SE
CR2	20190322	Cloudy	Light	Mid-Ebb	B	9.9	12:53	11.99	8.82	29.4	23.8	2.55	5	107	0.148	SE
CR2	20190322	Cloudy	Light	Mid-Ebb	B	9.9	12:53	11.98	9.05	29.54	23.8	2.53	4	106	0.13	SE
CR2	20190322	Cloudy	Light	Mid-Ebb	M	5.5	12:54	12.08	9.14	30.71	23.9	2.56	7	108	0.134	SE
CR2	20190322	Cloudy	Light	Mid-Ebb	M	5.5	12:54	11.97	8.85	30.84	23.6	2.52	6	106	0.112	SE
CR2	20190322	Cloudy	Light	Mid-Ebb	S	1	12:55	11.93	8.65	32.12	23.8	2.59	6	106	0.089	SE
CR2	20190322	Cloudy	Light	Mid-Ebb	S	1	12:55	11.85	8.98	30.86	23.9	2.5	8	106	0.135	SE
S1	20190322	Cloudy	Light	Mid-Ebb	B	4.2	12:10	11.76	8.97	28.41	23.9	2.87	9	106	0.142	SE
S1	20190322	Cloudy	Light	Mid-Ebb	B	4.2	12:10	11.91	8.46	30.11	23.8	2.93	10	108	0.077	S
S1	20190322	Cloudy	Light	Mid-Ebb	S	1	12:11	11.85	8.63	28.47	23.7	2.89	5	107	0.144	S
S1	20190322	Cloudy	Light	Mid-Ebb	S	1	12:11	11.75	8.76	30.33	23.8	2.85	4	107	0.084	SE
S2	20190322	Cloudy	Light	Mid-Ebb	B	7.8	12:40	12.87	9.01	29.05	23.9	2.84	8	108	0.114	S
S2	20190322	Cloudy	Light	Mid-Ebb	B	7.8	12:40	13.05	8.54	28.77	23.9	2.83	8	108	0.078	E
S2	20190322	Cloudy	Light	Mid-Ebb	M	4.4	12:41	13.13	9.14	29.08	23.6	2.78	5	107	0.131	SE
S2	20190322	Cloudy	Light	Mid-Ebb	M	4.4	12:41	13.13	8.69	31.83	23.7	2.72	6	107	0.089	S
S2	20190322	Cloudy	Light	Mid-Ebb	S	1	12:42	12.93	8.73	31.71	23.7	2.71	6	107	0.116	SE
S2	20190322	Cloudy	Light	Mid-Ebb	S	1	12:42	12.85	9.01	32.12	23.9	2.65	6	107	0.124	E
S3	20190322	Cloudy	Light	Mid-Ebb	B	7.1	13:06	10.7	8.84	29.4	23.7	2.24	6	107	0.101	SE
S3	20190322	Cloudy	Light	Mid-Ebb	B	7.1	13:06	10.63	8.98	29.99	23.8	2.24	5	105	0.105	S
S3	20190322	Cloudy	Light	Mid-Ebb	M	4.1	13:07	10.81	8.93	30.67	23.8	2.31	8	107	0.131	SE
S3	20190322	Cloudy	Light	Mid-Ebb	M	4.1	13:07	10.81	8.88	32.3	23.9	2.38	8	107	0.099	SE
S3	20190322	Cloudy	Light	Mid-Ebb	S	1	13:08	10.87	8.51	29.12	23.9	2.45	8	106	0.121	SE
S3	20190322	Cloudy	Light	Mid-Ebb	S	1	13:08	10.74	9.11	28.96	23.7	2.54	9	107	0.083	S
B1	20190325	Cloudy	Moderate	Mid-Flood	B	4.8	11:00	11.13	8.67	31.2	20.1	1.73	8	108	0.243	W
B1	20190325	Cloudy	Moderate	Mid-Flood	B	4.8	11:00	11.12	9.02	33.01	20.2	1.84	7	110	0.26	SW
B1	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:01	10.94	9.03	32.7	20.1	1.64	6	109	0.2	NW
B1	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:01	10.83	8.37	30.4	20.1	1.77	7	109	0.194	W
B2	20190325	Cloudy	Moderate	Mid-Flood	B	5	11:20	10.51	8.72	28.27	20.1	2.43	6	108	0.232	W
B2	20190325	Cloudy	Moderate	Mid-Flood	B	5	11:20	10.48	8.6	29.05	20.1	2.56	7	110	0.168	SW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B2	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:21	10.56	8.66	31.86	20.2	2.36	7	109	0.161	W
B2	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:21	10.6	8.57	31.34	20.1	2.53	6	109	0.239	SW
B3	20190325	Cloudy	Moderate	Mid-Flood	B	4.7	11:27	10.27	8.83	28.84	20.2	1.73	8	110	0.286	W
B3	20190325	Cloudy	Moderate	Mid-Flood	B	4.7	11:27	10.23	8.59	27.92	20.1	1.74	8	109	0.173	W
B3	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:28	10.3	8.71	31.38	20.2	1.86	5	111	0.205	W
B3	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:28	10.48	8.41	31.05	20.1	1.86	5	110	0.237	SW
B4	20190325	Cloudy	Moderate	Mid-Flood	B	5.2	11:43	10.56	8.52	27.69	20.1	3.33	6	110	0.243	NW
B4	20190325	Cloudy	Moderate	Mid-Flood	B	5.2	11:43	10.54	8.31	33.4	20.1	3.46	5	109	0.259	SW
B4	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:44	10.68	8.72	32.29	20.1	3.52	5	109	0.246	W
B4	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:44	10.51	8.5	29.29	20.1	3.67	4	110	0.186	W
C1	20190325	Cloudy	Moderate	Mid-Flood	B	9.4	10:32	11.09	8.65	32.53	20.1	2.81	10	110	0.278	W
C1	20190325	Cloudy	Moderate	Mid-Flood	B	9.4	10:32	11.15	8.31	30.74	20.2	2.89	10	110	0.212	W
C1	20190325	Cloudy	Moderate	Mid-Flood	M	5.2	10:33	10.95	8.5	33.11	20.2	2.91	11	110	0.135	NW
C1	20190325	Cloudy	Moderate	Mid-Flood	M	5.2	10:33	10.89	8.78	28.7	20.1	2.98	10	110	0.238	W
C1	20190325	Cloudy	Moderate	Mid-Flood	S	1	10:34	10.78	8.45	27.86	20.1	3	5	110	0.218	W
C1	20190325	Cloudy	Moderate	Mid-Flood	S	1	10:34	10.81	8.94	30.05	20.2	3	6	110	0.264	NW
C2	20190325	Cloudy	Moderate	Mid-Flood	B	7.8	9:24	13.06	8.68	28.69	20.1	3.21	6	109	0.287	W
C2	20190325	Cloudy	Moderate	Mid-Flood	B	7.8	9:24	13.02	8.66	29.62	20.1	3.29	5	110	0.267	W
C2	20190325	Cloudy	Moderate	Mid-Flood	M	4.4	9:25	13.03	8.68	30.37	20.2	3.09	6	109	0.229	SW
C2	20190325	Cloudy	Moderate	Mid-Flood	M	4.4	9:25	12.86	9	27.59	20.2	3.09	6	110	0.233	W
C2	20190325	Cloudy	Moderate	Mid-Flood	S	1	9:26	12.87	8.44	28.4	20.2	3.04	4	109	0.187	W
C2	20190325	Cloudy	Moderate	Mid-Flood	S	1	9:26	12.86	8.64	30.75	20.2	3.13	5	109	0.205	SW
F1	20190325	Cloudy	Moderate	Mid-Flood	B	7.2	9:48	11.58	8.87	27.63	20.1	2.16	4	108	0.23	SW
F1	20190325	Cloudy	Moderate	Mid-Flood	B	7.2	9:48	11.47	8.71	27.9	20.2	2.33	5	110	0.15	SW
F1	20190325	Cloudy	Moderate	Mid-Flood	M	4.1	9:49	11.57	8.43	28.9	20.2	2.3	9	111	0.28	SW
F1	20190325	Cloudy	Moderate	Mid-Flood	M	4.1	9:49	11.37	8.88	32.71	20.2	2.26	8	110	0.214	W
F1	20190325	Cloudy	Moderate	Mid-Flood	S	1	9:50	11.54	8.64	31.2	20.1	2.07	11	109	0.268	NW
F1	20190325	Cloudy	Moderate	Mid-Flood	S	1	9:50	11.48	8.84	32.4	20.2	1.99	10	109	0.14	SW
H1	20190325	Cloudy	Moderate	Mid-Flood	B	6.7	11:08	12.47	8.84	30.84	20.1	1.89	6	110	0.259	NW
H1	20190325	Cloudy	Moderate	Mid-Flood	B	6.7	11:08	12.5	8.61	31.67	20.2	2.05	6	110	0.2	W
H1	20190325	Cloudy	Moderate	Mid-Flood	M	3.9	11:09	12.69	9.04	28.29	20.2	2.01	5	110	0.259	SW
H1	20190325	Cloudy	Moderate	Mid-Flood	M	3.9	11:09	12.86	9.02	29.84	20.2	1.93	4	110	0.136	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
H1	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:10	12.96	8.64	32.02	20.2	1.81	6	110	0.128	NW
H1	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:10	13.01	8.33	31.15	20.1	1.98	5	109	0.198	W
M1	20190325	Cloudy	Moderate	Mid-Flood	B	8.7	10:24	10.97	8.66	27.86	20.1	1.96	8	110	0.219	SW
M1	20190325	Cloudy	Moderate	Mid-Flood	B	8.7	10:24	11.03	8.59	28.11	20.2	1.81	9	110	0.27	W
M1	20190325	Cloudy	Moderate	Mid-Flood	M	4.9	10:25	11.03	8.75	27.44	20.1	1.61	9	110	0.171	SW
M1	20190325	Cloudy	Moderate	Mid-Flood	M	4.9	10:25	10.93	8.65	27.81	20.1	1.56	8	110	0.136	W
M1	20190325	Cloudy	Moderate	Mid-Flood	S	1	10:26	11.08	8.76	29.36	20.2	1.37	8	109	0.159	SW
M1	20190325	Cloudy	Moderate	Mid-Flood	S	1	10:26	11.12	8.63	29.62	20.1	1.48	8	110	0.219	NW
CR1	20190325	Cloudy	Moderate	Mid-Flood	B	12	9:38	10.77	8.3	31.74	20.2	2.54	7	109	0.258	W
CR1	20190325	Cloudy	Moderate	Mid-Flood	B	12	9:38	10.73	9.03	32.66	20.1	2.5	8	109	0.224	SW
CR1	20190325	Cloudy	Moderate	Mid-Flood	M	6.5	9:39	10.84	8.6	32.96	20.2	2.3	10	110	0.202	SW
CR1	20190325	Cloudy	Moderate	Mid-Flood	M	6.5	9:39	11	8.61	29.12	20.2	2.24	9	110	0.135	SW
CR1	20190325	Cloudy	Moderate	Mid-Flood	S	1	9:40	11.18	8.44	32.03	20.1	2.36	10	111	0.122	W
CR1	20190325	Cloudy	Moderate	Mid-Flood	S	1	9:40	11.31	8.34	27.76	20.2	2.21	9	109	0.239	NW
CR2	20190325	Cloudy	Moderate	Mid-Flood	B	10.9	9:50	12.17	8.73	29.68	20.2	1.92	11	110	0.237	W
CR2	20190325	Cloudy	Moderate	Mid-Flood	B	10.9	9:50	12.3	8.56	31.4	20.1	1.85	10	110	0.151	W
CR2	20190325	Cloudy	Moderate	Mid-Flood	M	6	9:51	12.33	8.44	33.42	20.1	1.8	9	110	0.195	W
CR2	20190325	Cloudy	Moderate	Mid-Flood	M	6	9:51	12.2	8.36	30.61	20.1	1.67	10	109	0.259	W
CR2	20190325	Cloudy	Moderate	Mid-Flood	S	1	9:52	12.07	8.98	30.62	20.2	1.57	7	109	0.255	SW
CR2	20190325	Cloudy	Moderate	Mid-Flood	S	1	9:52	12.25	8.5	30.79	20.2	1.76	8	110	0.208	SW
S1	20190325	Cloudy	Moderate	Mid-Flood	B	4	11:14	11.11	8.33	33.16	20.2	1.77	8	109	0.221	SW
S1	20190325	Cloudy	Moderate	Mid-Flood	B	4	11:14	11.13	8.79	28.56	20.2	1.64	8	111	0.149	SW
S1	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:15	10.96	8.69	27.3	20.1	1.54	8	109	0.197	NW
S1	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:15	11	8.7	28.06	20.2	1.58	7	111	0.239	NW
S2	20190325	Cloudy	Moderate	Mid-Flood	B	8.4	11:40	12.42	8.89	27.87	20.2	1.92	7	110	0.148	W
S2	20190325	Cloudy	Moderate	Mid-Flood	B	8.4	11:40	12.5	9	30.74	20.2	1.76	6	109	0.163	W
S2	20190325	Cloudy	Moderate	Mid-Flood	M	4.7	11:41	12.62	8.72	31.41	20.1	1.59	6	109	0.245	W
S2	20190325	Cloudy	Moderate	Mid-Flood	M	4.7	11:41	12.58	8.43	31.96	20.1	1.59	6	110	0.138	SW
S2	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:42	12.71	8.49	30.98	20.2	1.6	9	109	0.213	NW
S2	20190325	Cloudy	Moderate	Mid-Flood	S	1	11:42	12.71	8.59	31.92	20.2	1.66	8	110	0.234	W
S3	20190325	Cloudy	Moderate	Mid-Flood	B	7.8	10:02	10.79	8.34	28.28	20.2	3.42	5	110	0.159	SW
S3	20190325	Cloudy	Moderate	Mid-Flood	B	7.8	10:02	10.95	8.74	27.32	20.1	3.62	6	110	0.232	W

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 Integrated Waste Management Facilities, Phase 1
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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
S3	20190325	Cloudy	Moderate	Mid-Flood	M	4.4	10:03	10.88	8.53	29.23	20.1	3.69	9	110	0.233	W
S3	20190325	Cloudy	Moderate	Mid-Flood	M	4.4	10:03	10.76	8.76	30.02	20.2	3.66	9	109	0.204	W
S3	20190325	Cloudy	Moderate	Mid-Flood	S	1	10:04	10.88	8.58	32.35	20.2	3.83	11	109	0.127	NW
S3	20190325	Cloudy	Moderate	Mid-Flood	S	1	10:04	11.08	8.61	29.76	20.2	3.69	10	110	0.253	W
B1	20190325	Cloudy	Moderate	Mid-Ebb	B	4.4	13:59	12.58	8.65	28.37	20.2	3.46	8	109	0.195	E
B1	20190325	Cloudy	Moderate	Mid-Ebb	B	4.4	13:59	12.48	8.44	28.48	20.2	3.31	8	110	0.121	SE
B1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:00	12.58	8.96	30.12	20.2	3.28	7	110	0.25	SE
B1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:00	12.65	8.78	28.24	20.2	3.41	8	110	0.191	SE
B2	20190325	Cloudy	Moderate	Mid-Ebb	B	4.9	14:22	10.93	8.63	32.1	20.1	2.78	8	110	0.121	E
B2	20190325	Cloudy	Moderate	Mid-Ebb	B	4.9	14:22	10.76	8.7	30.5	20.2	2.9	7	110	0.179	S
B2	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:23	10.79	8.73	27.98	20.2	3.06	9	110	0.238	SE
B2	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:23	10.83	8.56	30.58	20.2	3	10	110	0.171	E
B3	20190325	Cloudy	Moderate	Mid-Ebb	B	4.1	15:20	10.21	8.94	32.27	20.2	2.68	8	110	0.093	E
B3	20190325	Cloudy	Moderate	Mid-Ebb	B	4.1	15:20	10.07	8.64	31.01	20.2	2.81	8	110	0.189	S
B3	20190325	Cloudy	Moderate	Mid-Ebb	S	1	15:21	10.24	8.73	29.29	20.1	2.84	11	110	0.082	E
B3	20190325	Cloudy	Moderate	Mid-Ebb	S	1	15:21	10.13	8.77	27.61	20.1	2.68	12	109	0.097	SE
B4	20190325	Cloudy	Moderate	Mid-Ebb	B	5	15:32	12.45	8.74	27.47	20.2	3.13	8	110	0.232	SE
B4	20190325	Cloudy	Moderate	Mid-Ebb	B	5	15:32	12.44	8.97	32.53	20.2	3.15	9	109	0.143	S
B4	20190325	Cloudy	Moderate	Mid-Ebb	S	1	15:33	12.4	8.59	31.91	20.2	3.05	5	111	0.236	S
B4	20190325	Cloudy	Moderate	Mid-Ebb	S	1	15:33	12.36	8.57	28.27	20.2	3.13	6	109	0.157	SE
C1	20190325	Cloudy	Moderate	Mid-Ebb	B	9.7	13:34	11.21	8.96	29.09	20.1	2.15	7	109	0.086	S
C1	20190325	Cloudy	Moderate	Mid-Ebb	B	9.7	13:34	11.06	8.77	29.45	20.2	2.25	7	111	0.191	SE
C1	20190325	Cloudy	Moderate	Mid-Ebb	M	5.4	13:35	10.97	8.66	30.56	20.2	2.35	6	109	0.099	S
C1	20190325	Cloudy	Moderate	Mid-Ebb	M	5.4	13:35	10.77	8.46	31.4	20.1	2.25	7	110	0.144	SE
C1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	13:36	10.62	8.77	32.39	20.2	2.16	7	111	0.077	E
C1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	13:36	10.77	8.58	31.57	20.1	2.16	8	110	0.181	SE
C2	20190325	Cloudy	Moderate	Mid-Ebb	B	6.7	14:44	10.57	8.71	29.27	20.2	3.29	9	111	0.18	SE
C2	20190325	Cloudy	Moderate	Mid-Ebb	B	6.7	14:44	10.41	8.71	31.59	20.2	3.39	8	110	0.204	SE
C2	20190325	Cloudy	Moderate	Mid-Ebb	M	3.9	14:45	10.22	9	32.05	20.2	3.25	9	111	0.14	S
C2	20190325	Cloudy	Moderate	Mid-Ebb	M	3.9	14:45	10.09	8.94	29.57	20.2	3.1	9	110	0.136	SE
C2	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:46	10.17	8.5	32.06	20.1	3.2	8	110	0.198	SE
C2	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:46	10.04	9.03	31.52	20.1	3.38	8	110	0.19	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
F1	20190325	Cloudy	Moderate	Mid-Ebb	B	7.1	13:39	13.05	8.73	27.83	20.2	2.02	10	109	0.214	SE
F1	20190325	Cloudy	Moderate	Mid-Ebb	B	7.1	13:39	12.85	8.56	28.39	20.2	1.95	10	108	0.21	S
F1	20190325	Cloudy	Moderate	Mid-Ebb	M	4.1	13:40	12.89	8.41	31.27	20.1	2.02	8	110	0.076	SE
F1	20190325	Cloudy	Moderate	Mid-Ebb	M	4.1	13:40	13	8.66	28.34	20.2	1.91	8	110	0.09	S
F1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	13:41	12.89	8.34	31.86	20.2	1.8	10	110	0.108	SE
F1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	13:41	12.77	8.92	32.99	20.1	1.78	9	110	0.178	SE
H1	20190325	Cloudy	Moderate	Mid-Ebb	B	7.2	15:04	12.8	8.47	27.72	20.2	1.85	11	110	0.19	SE
H1	20190325	Cloudy	Moderate	Mid-Ebb	B	7.2	15:04	12.7	8.33	27.65	20.1	2.03	12	109	0.121	SE
H1	20190325	Cloudy	Moderate	Mid-Ebb	M	4.1	15:05	12.62	9.02	27.86	20.2	1.89	9	110	0.158	SE
H1	20190325	Cloudy	Moderate	Mid-Ebb	M	4.1	15:05	12.71	8.36	31.25	20.2	1.78	10	108	0.151	SE
H1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	15:06	12.55	8.87	30.04	20.1	1.74	9	110	0.124	S
H1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	15:06	12.72	8.65	32.44	20.1	1.88	8	110	0.106	E
M1	20190325	Cloudy	Moderate	Mid-Ebb	B	8.3	14:07	12.1	8.43	31.85	20.2	2.94	7	111	0.171	S
M1	20190325	Cloudy	Moderate	Mid-Ebb	B	8.3	14:07	11.97	8.38	31.62	20.2	2.86	8	110	0.117	SE
M1	20190325	Cloudy	Moderate	Mid-Ebb	M	4.7	14:08	11.86	8.95	27.74	20.1	2.76	7	109	0.146	SE
M1	20190325	Cloudy	Moderate	Mid-Ebb	M	4.7	14:08	12.04	8.33	29.47	20.1	2.87	8	109	0.13	SE
M1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:09	11.85	8.35	30.1	20.2	2.86	8	109	0.118	S
M1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:09	11.71	8.61	29.54	20.2	2.7	8	108	0.193	SE
CR1	20190325	Cloudy	Moderate	Mid-Ebb	B	10.3	15:13	12.93	8.5	31.8	20.2	3.47	8	110	0.08	S
CR1	20190325	Cloudy	Moderate	Mid-Ebb	B	10.3	15:13	13.04	8.87	30.99	20.2	3.64	8	109	0.208	SE
CR1	20190325	Cloudy	Moderate	Mid-Ebb	M	5.7	15:14	13.04	8.68	30.13	20.1	3.6	6	110	0.24	E
CR1	20190325	Cloudy	Moderate	Mid-Ebb	M	5.7	15:14	12.84	8.6	31.83	20.1	3.4	7	110	0.13	S
CR1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	15:15	12.68	8.52	30.58	20.2	3.54	8	109	0.174	S
CR1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	15:15	12.74	8.85	32.04	20.2	3.61	8	111	0.238	E
CR2	20190325	Cloudy	Moderate	Mid-Ebb	B	9.7	15:02	10.6	9.02	31.94	20.1	2.92	10	109	0.207	S
CR2	20190325	Cloudy	Moderate	Mid-Ebb	B	9.7	15:02	10.5	8.71	30.85	20.1	3.02	10	110	0.139	S
CR2	20190325	Cloudy	Moderate	Mid-Ebb	M	5.4	15:03	10.45	8.49	28.09	20.2	3.2	11	109	0.22	E
CR2	20190325	Cloudy	Moderate	Mid-Ebb	M	5.4	15:03	10.6	9.02	30.54	20.2	3.34	10	110	0.199	S
CR2	20190325	Cloudy	Moderate	Mid-Ebb	S	1	15:04	10.44	8.59	27.68	20.1	3.17	9	109	0.104	E
CR2	20190325	Cloudy	Moderate	Mid-Ebb	S	1	15:04	10.3	8.57	27.97	20.1	3.17	9	111	0.089	E
S1	20190325	Cloudy	Moderate	Mid-Ebb	B	4	14:12	11.95	8.71	33.26	20.2	3.22	7	111	0.24	SE
S1	20190325	Cloudy	Moderate	Mid-Ebb	B	4	14:12	11.9	8.64	30.68	20.1	3.18	8	110	0.232	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
S1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:13	11.8	9.02	27.4	20.2	3.07	9	109	0.132	S
S1	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:13	11.69	8.76	31.7	20.2	3.02	9	110	0.237	SE
S2	20190325	Cloudy	Moderate	Mid-Ebb	B	7.9	14:39	11.72	8.87	28.54	20.2	2.63	9	110	0.166	SE
S2	20190325	Cloudy	Moderate	Mid-Ebb	B	7.9	14:39	11.55	8.5	28.39	20.2	2.73	10	108	0.188	S
S2	20190325	Cloudy	Moderate	Mid-Ebb	M	4.5	14:40	11.57	8.54	32.5	20.1	2.81	7	109	0.243	S
S2	20190325	Cloudy	Moderate	Mid-Ebb	M	4.5	14:40	11.47	8.77	27.71	20.2	2.7	8	110	0.219	SE
S2	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:41	11.39	8.78	28.69	20.2	2.76	9	110	0.228	SE
S2	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:41	11.5	8.34	31.68	20.1	2.79	8	110	0.102	S
S3	20190325	Cloudy	Moderate	Mid-Ebb	B	7.6	14:52	13.01	8.74	27.77	20.1	2.22	8	109	0.202	E
S3	20190325	Cloudy	Moderate	Mid-Ebb	B	7.6	14:52	13.18	8.75	31.41	20.1	2.42	9	109	0.248	SE
S3	20190325	Cloudy	Moderate	Mid-Ebb	M	4.3	14:53	13.14	8.84	29.25	20.1	2.6	8	109	0.188	S
S3	20190325	Cloudy	Moderate	Mid-Ebb	M	4.3	14:53	13.25	9	30.63	20.1	2.43	9	110	0.25	SE
S3	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:54	13.22	8.71	28.99	20.1	2.31	9	110	0.181	SE
S3	20190325	Cloudy	Moderate	Mid-Ebb	S	1	14:54	13.2	8.36	27.96	20.1	2.26	8	110	0.078	S
B1	20190327	Cloudy	Moderate	Mid-Flood	B	5.4	0.45	10.45	8.50	30.5	21.10	1.7	5	112	0.225	W
B1	20190327	Cloudy	Moderate	Mid-Flood	B	5.4	0.45	10.26	8.86	28.1	21.10	1.76	5	112	0.163	S
B1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.45	10.08	8.65	31.5	21.30	1.8	4	112	0.174	W
B1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.45	10.21	8.96	27.5	21.10	1.89	5	113	0.127	SW
B2	20190327	Cloudy	Moderate	Mid-Flood	B	4.5	0.46	12.75	8.63	31.0	21.30	1.94	7	112	0.216	W
B2	20190327	Cloudy	Moderate	Mid-Flood	B	4.5	0.46	12.85	8.62	28.8	21.10	2.06	8	113	0.168	W
B2	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.46	12.77	9.00	28.6	21.10	1.87	5	112	0.17	W
B2	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.46	12.77	8.75	27.5	21.10	2.03	6	112	0.204	W
B3	20190327	Cloudy	Moderate	Mid-Flood	B	4.5	0.48	12.22	8.77	29.0	21.20	3.29	6	112	0.202	S
B3	20190327	Cloudy	Moderate	Mid-Flood	B	4.5	0.48	12.35	8.67	30.4	21.10	3.35	6	113	0.175	W
B3	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.48	12.24	9.12	33.4	21.20	3.29	6	112	0.2	SW
B3	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.48	12.32	8.57	27.5	21.20	3.09	7	112	0.172	SW
B4	20190327	Cloudy	Moderate	Mid-Flood	B	5.5	0.49	11.39	8.90	27.7	21.20	3.32	9	112	0.122	SW
B4	20190327	Cloudy	Moderate	Mid-Flood	B	5.5	0.49	11.31	8.59	30.5	21.20	3.2	8	113	0.165	W
B4	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.49	11.19	8.51	27.3	21.20	3.26	7	112	0.118	W
B4	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.49	11.08	8.54	31.2	21.20	3.29	6	112	0.223	SW
C1	20190327	Cloudy	Moderate	Mid-Flood	B	10	0.43	10.41	8.83	31.1	21.20	2.9	7	111	0.126	SW
C1	20190327	Cloudy	Moderate	Mid-Flood	B	10	0.43	10.43	8.76	31.0	21.20	2.83	8	112	0.118	SW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C1	20190327	Cloudy	Moderate	Mid-Flood	M	5.5	0.43	10.51	8.85	32.2	21.30	2.82	6	112	0.199	SW
C1	20190327	Cloudy	Moderate	Mid-Flood	M	5.5	0.43	10.57	9.04	28.6	21.10	2.64	4	113	0.17	W
C1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.43	10.59	8.51	28.6	21.10	2.66	4	111	0.149	SW
C1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.43	10.45	8.82	28.7	21.20	2.65	4	112	0.17	W
C2	20190327	Cloudy	Moderate	Mid-Flood	B	7.9	0.39	11.82	8.87	32.5	21.30	1.54	11	111	0.181	W
C2	20190327	Cloudy	Moderate	Mid-Flood	B	7.9	0.39	11.79	8.50	32.5	21.20	1.73	11	113	0.17	W
C2	20190327	Cloudy	Moderate	Mid-Flood	M	4.5	0.39	11.78	9.11	28.4	21.20	1.59	8	111	0.205	NW
C2	20190327	Cloudy	Moderate	Mid-Flood	M	4.5	0.39	11.89	8.53	29.5	21.30	1.57	8	111	0.141	SW
C2	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.39	11.73	8.55	29.8	21.30	1.77	8	111	0.152	W
C2	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.39	11.93	9.01	30.5	21.20	1.94	7	111	0.136	W
F1	20190327	Cloudy	Moderate	Mid-Flood	B	6.9	0.41	11.92	8.62	28.9	21.20	3.32	9	111	0.13	SW
F1	20190327	Cloudy	Moderate	Mid-Flood	B	6.9	0.41	11.84	8.86	29.9	21.20	3.2	10	112	0.157	W
F1	20190327	Cloudy	Moderate	Mid-Flood	M	4	0.41	11.77	8.90	28.0	21.20	3.35	9	113	0.222	W
F1	20190327	Cloudy	Moderate	Mid-Flood	M	4	0.41	11.58	8.56	31.9	21.10	3.34	9	112	0.133	W
F1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.41	11.48	8.55	30.5	21.30	3.34	6	113	0.211	SW
F1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.41	11.49	9.00	31.6	21.20	3.29	6	111	0.126	W
H1	20190327	Cloudy	Moderate	Mid-Flood	B	6.9	0.47	10.21	8.84	30.2	21.30	3.19	10	112	0.133	SW
H1	20190327	Cloudy	Moderate	Mid-Flood	B	6.9	0.47	10.01	8.71	28.4	21.30	3.16	10	112	0.153	W
H1	20190327	Cloudy	Moderate	Mid-Flood	M	4	0.47	9.92	8.81	32.0	21.20	3.11	7	111	0.181	SW
H1	20190327	Cloudy	Moderate	Mid-Flood	M	4	0.47	9.96	9.01	33.4	21.10	3.01	8	112	0.194	NW
H1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.47	10.1	9.14	29.1	21.30	2.96	6	112	0.226	NW
H1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.47	10.3	8.75	30.6	21.20	3.05	7	112	0.21	W
M1	20190327	Cloudy	Moderate	Mid-Flood	B	8	0.43	10.08	8.50	28.1	21.20	1.78	9	113	0.195	NW
M1	20190327	Cloudy	Moderate	Mid-Flood	B	8	0.43	10.06	8.52	29.7	21.30	1.72	10	113	0.122	W
M1	20190327	Cloudy	Moderate	Mid-Flood	M	4.5	0.43	9.99	9.10	32.0	21.30	1.69	8	112	0.15	W
M1	20190327	Cloudy	Moderate	Mid-Flood	M	4.5	0.43	9.83	8.88	31.2	21.20	1.87	9	113	0.178	W
M1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.43	10	8.80	27.8	21.30	1.88	9	112	0.144	W
M1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.43	10.14	9.00	28.2	21.10	2.02	8	113	0.161	SW
CR1	20190327	Cloudy	Moderate	Mid-Flood	B	12	0.40	11.64	9.11	30.4	21.30	2.39	6	111	0.115	SW
CR1	20190327	Cloudy	Moderate	Mid-Flood	B	12	0.40	11.62	8.66	28.6	21.10	2.29	6	112	0.202	SW
CR1	20190327	Cloudy	Moderate	Mid-Flood	M	6.5	0.40	11.64	8.72	28.3	21.10	2.19	7	113	0.134	W
CR1	20190327	Cloudy	Moderate	Mid-Flood	M	6.5	0.40	11.55	8.89	32.2	21.30	2.23	6	113	0.118	SW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.40	11.46	8.58	31.6	21.10	2.21	5	112	0.139	NW
CR1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.40	11.65	8.74	28.9	21.20	2.4	6	112	0.219	SW
CR2	20190327	Cloudy	Moderate	Mid-Flood	B	10.5	0.40	11.31	8.57	28.9	21.20	3.21	7	111	0.163	W
CR2	20190327	Cloudy	Moderate	Mid-Flood	B	10.5	0.40	11.12	9.06	32.8	21.10	3.27	8	112	0.121	SW
CR2	20190327	Cloudy	Moderate	Mid-Flood	M	5.8	0.41	11.27	8.95	28.3	21.30	3.42	7	111	0.214	W
CR2	20190327	Cloudy	Moderate	Mid-Flood	M	5.8	0.41	11.18	8.64	29.0	21.30	3.53	8	111	0.192	W
CR2	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.41	11.2	8.89	30.3	21.30	3.73	5	112	0.23	W
CR2	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.41	11.13	8.66	30.7	21.20	3.64	6	113	0.168	W
S1	20190327	Cloudy	Moderate	Mid-Flood	B	4.1	0.46	10.41	8.90	33.4	21.30	2.73	5	112	0.118	SW
S1	20190327	Cloudy	Moderate	Mid-Flood	B	4.1	0.46	10.3	8.98	30.2	21.30	2.73	6	112	0.186	SW
S1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.46	10.2	8.79	32.2	21.20	2.81	4	112	0.23	NW
S1	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.46	10.27	8.56	28.4	21.30	2.96	5	112	0.214	SW
S2	20190327	Cloudy	Moderate	Mid-Flood	B	8.4	0.47	10.91	8.67	30.2	21.20	2.77	5	113	0.218	W
S2	20190327	Cloudy	Moderate	Mid-Flood	B	8.4	0.47	10.88	8.53	33.2	21.10	2.59	5	112	0.18	W
S2	20190327	Cloudy	Moderate	Mid-Flood	M	4.7	0.48	10.76	8.75	27.6	21.10	2.69	4	112	0.225	W
S2	20190327	Cloudy	Moderate	Mid-Flood	M	4.7	0.48	10.57	8.63	30.5	21.10	2.57	5	112	0.216	W
S2	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.48	10.61	8.64	31.2	21.20	2.51	4	111	0.115	SW
S2	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.48	10.53	8.64	31.5	21.10	2.64	4	111	0.213	SW
S3	20190327	Cloudy	Moderate	Mid-Flood	B	7.6	0.41	11.91	8.65	30.9	21.30	2.92	5	113	0.135	SW
S3	20190327	Cloudy	Moderate	Mid-Flood	B	7.6	0.41	11.75	8.99	29.9	21.20	2.74	6	112	0.156	SW
S3	20190327	Cloudy	Moderate	Mid-Flood	M	4.3	0.41	11.82	8.72	29.3	21.20	2.88	4	112	0.214	SW
S3	20190327	Cloudy	Moderate	Mid-Flood	M	4.3	0.41	11.83	8.78	32.9	21.30	2.8	4	112	0.163	SW
S3	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.41	11.99	8.63	30.9	21.20	2.69	4	112	0.221	NW
S3	20190327	Cloudy	Moderate	Mid-Flood	S	1	0.41	11.85	8.67	31.4	21.20	2.87	4	112	0.164	SW
B1	20190327	Cloudy	Moderate	Mid-Ebb	B	4.7	0.66	9.9	8.77	30.6	23.70	2.3	9	113	0.136	SE
B1	20190327	Cloudy	Moderate	Mid-Ebb	B	4.7	0.66	9.75	8.88	32.7	23.50	2.45	8	112	0.252	S
B1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.66	9.75	8.91	31.1	23.50	2.31	8	113	0.244	S
B1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.66	9.74	8.54	27.5	23.40	2.33	9	111	0.079	SE
B2	20190327	Cloudy	Moderate	Mid-Ebb	B	5	0.67	10.11	8.68	30.4	23.50	2.71	6	112	0.198	SE
B2	20190327	Cloudy	Moderate	Mid-Ebb	B	5	0.67	10.29	8.84	28.1	23.50	2.63	7	111	0.195	S
B2	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.67	10.4	8.74	32.6	23.40	2.57	6	113	0.093	E
B2	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.67	10.44	9.07	28.0	23.40	2.75	6	112	0.138	S

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B3	20190327	Cloudy	Moderate	Mid-Ebb	B	4.3	0.66	10.08	8.56	31.1	23.50	2.53	4	113	0.205	SE
B3	20190327	Cloudy	Moderate	Mid-Ebb	B	4.3	0.66	10.05	8.78	28.4	23.70	2.72	6	111	0.089	SE
B3	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.66	10.16	8.73	33.1	23.50	2.79	5	112	0.244	SE
B3	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.66	10.34	8.53	33.4	23.40	2.9	5	111	0.108	SE
B4	20190327	Cloudy	Moderate	Mid-Ebb	B	4.3	0.66	12	8.57	33.0	23.50	2.06	7	112	0.165	SE
B4	20190327	Cloudy	Moderate	Mid-Ebb	B	4.3	0.66	12.03	8.60	28.1	23.40	2.22	7	112	0.218	S
B4	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.67	11.86	8.50	28.5	23.60	2.19	7	112	0.08	S
B4	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.67	11.69	8.82	27.6	23.60	2.31	6	112	0.25	SE
C1	20190327	Cloudy	Moderate	Mid-Ebb	B	8.9	0.64	11.43	8.56	27.9	23.50	2.15	9	113	0.216	S
C1	20190327	Cloudy	Moderate	Mid-Ebb	B	8.9	0.64	11.38	8.73	31.3	23.70	2.01	9	113	0.23	E
C1	20190327	Cloudy	Moderate	Mid-Ebb	M	5	0.64	11.47	9.03	29.4	23.60	2.18	8	112	0.181	E
C1	20190327	Cloudy	Moderate	Mid-Ebb	M	5	0.64	11.31	8.69	33.1	23.60	2.15	7	113	0.184	S
C1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.64	11.21	8.53	33.2	23.60	2.22	7	112	0.232	SE
C1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.64	11.03	8.99	28.8	23.40	2.24	7	112	0.223	E
C2	20190327	Cloudy	Moderate	Mid-Ebb	B	7.3	0.72	10.34	9.02	28.9	23.60	2.81	9	112	0.191	S
C2	20190327	Cloudy	Moderate	Mid-Ebb	B	7.3	0.72	10.43	8.83	30.4	23.50	2.72	8	112	0.186	E
C2	20190327	Cloudy	Moderate	Mid-Ebb	M	4.2	0.72	10.39	9.02	28.1	23.50	2.88	6	111	0.124	SE
C2	20190327	Cloudy	Moderate	Mid-Ebb	M	4.2	0.72	10.24	9.11	30.0	23.50	2.9	8	112	0.093	E
C2	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.72	10.05	8.55	32.4	23.50	2.94	6	112	0.156	SE
C2	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.72	10.06	9.07	30.9	23.50	2.93	7	112	0.23	E
F1	20190327	Cloudy	Moderate	Mid-Ebb	B	7.1	0.69	11.03	8.86	30.6	23.60	2.16	8	113	0.234	S
F1	20190327	Cloudy	Moderate	Mid-Ebb	B	7.1	0.69	11.04	8.62	32.0	23.70	1.99	8	112	0.146	SE
F1	20190327	Cloudy	Moderate	Mid-Ebb	M	4.1	0.69	11.07	8.74	33.2	23.50	1.88	7	112	0.198	E
F1	20190327	Cloudy	Moderate	Mid-Ebb	M	4.1	0.69	11.11	8.88	32.9	23.50	1.91	7	112	0.197	SE
F1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.69	11	8.73	28.5	23.40	1.86	7	112	0.088	SE
F1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.69	10.89	8.85	30.5	23.50	1.78	6	112	0.084	SE
H1	20190327	Cloudy	Moderate	Mid-Ebb	B	6.5	0.65	11.01	9.06	30.2	23.40	3.5	8	113	0.25	E
H1	20190327	Cloudy	Moderate	Mid-Ebb	B	6.5	0.65	10.97	8.60	32.1	23.50	3.42	8	112	0.176	E
H1	20190327	Cloudy	Moderate	Mid-Ebb	M	3.8	0.65	10.9	8.69	31.7	23.60	3.33	7	112	0.236	SE
H1	20190327	Cloudy	Moderate	Mid-Ebb	M	3.8	0.65	10.7	8.74	31.3	23.70	3.33	7	113	0.198	S
H1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.65	10.68	8.98	28.5	23.50	3.47	6	112	0.234	E
H1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.65	10.6	8.96	28.2	23.60	3.31	6	112	0.177	S

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Regular DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
M1	20190327	Cloudy	Moderate	Mid-Ebb	B	8.8	0.71	9.91	9.08	27.8	23.50	2.57	7	113	0.243	S
M1	20190327	Cloudy	Moderate	Mid-Ebb	B	8.8	0.71	10.11	9.11	31.4	23.40	2.72	6	113	0.184	S
M1	20190327	Cloudy	Moderate	Mid-Ebb	M	4.9	0.71	10.15	8.94	30.1	23.60	2.52	6	112	0.177	SE
M1	20190327	Cloudy	Moderate	Mid-Ebb	M	4.9	0.71	10.23	8.57	30.4	23.60	2.41	6	112	0.225	S
M1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.71	10.38	8.72	29.9	23.50	2.32	5	113	0.133	SE
M1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.71	10.27	8.81	31.5	23.50	2.4	4	113	0.138	E
CR1	20190327	Cloudy	Moderate	Mid-Ebb	B	11.6	0.71	10.74	8.70	30.1	23.60	2.02	7	113	0.168	S
CR1	20190327	Cloudy	Moderate	Mid-Ebb	B	11.6	0.71	10.57	8.79	33.0	23.60	1.97	6	112	0.21	SE
CR1	20190327	Cloudy	Moderate	Mid-Ebb	M	6.3	0.71	10.39	8.73	28.1	23.70	2.08	6	111	0.181	S
CR1	20190327	Cloudy	Moderate	Mid-Ebb	M	6.3	0.71	10.21	8.75	27.7	23.40	2.11	5	112	0.145	S
CR1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.71	10.12	8.85	31.8	23.50	2.24	4	113	0.227	E
CR1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.71	10.28	9.08	29.8	23.40	2.27	5	112	0.212	SE
CR2	20190327	Cloudy	Moderate	Mid-Ebb	B	9.8	0.70	11.93	8.78	30.1	23.40	3.38	6	114	0.151	SE
CR2	20190327	Cloudy	Moderate	Mid-Ebb	B	9.8	0.70	11.98	8.68	30.1	23.60	3.42	7	113	0.103	S
CR2	20190327	Cloudy	Moderate	Mid-Ebb	M	5.4	0.70	11.97	8.57	28.2	23.50	3.58	7	113	0.202	S
CR2	20190327	Cloudy	Moderate	Mid-Ebb	M	5.4	0.70	11.86	8.64	27.7	23.70	3.75	6	113	0.227	E
CR2	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.70	11.9	8.79	29.1	23.70	3.82	6	112	0.085	SE
CR2	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.70	11.83	8.54	28.3	23.50	3.76	5	112	0.079	SE
S1	20190327	Cloudy	Moderate	Mid-Ebb	B	4.1	0.66	12.47	8.89	30.4	23.70	2.53	6	113	0.115	S
S1	20190327	Cloudy	Moderate	Mid-Ebb	B	4.1	0.66	12.55	8.88	31.9	23.50	2.42	7	112	0.211	S
S1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.67	12.41	8.66	33.4	23.50	2.24	6	113	0.092	E
S1	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.67	12.38	8.99	33.1	23.70	2.16	5	113	0.121	S
S2	20190327	Cloudy	Moderate	Mid-Ebb	B	8.1	0.68	11.96	8.53	31.6	23.50	3.09	11	111	0.139	SE
S2	20190327	Cloudy	Moderate	Mid-Ebb	B	8.1	0.68	11.76	9.05	29.2	23.70	3.02	10	112	0.09	S
S2	20190327	Cloudy	Moderate	Mid-Ebb	M	4.6	0.68	11.93	8.96	30.1	23.60	3.01	8	112	0.174	S
S2	20190327	Cloudy	Moderate	Mid-Ebb	M	4.6	0.68	12	8.97	32.2	23.50	2.97	9	112	0.219	SE
S2	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.68	12.01	8.93	28.0	23.60	2.95	7	113	0.207	SE
S2	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.68	12.08	8.84	31.7	23.50	2.96	8	113	0.144	S
S3	20190327	Cloudy	Moderate	Mid-Ebb	B	7.2	0.69	11.25	8.52	30.2	23.50	2.14	9	112	0.088	SE
S3	20190327	Cloudy	Moderate	Mid-Ebb	B	7.2	0.69	11.24	9.13	33.0	23.50	1.98	8	112	0.116	SE
S3	20190327	Cloudy	Moderate	Mid-Ebb	M	4.1	0.69	11.4	8.69	30.6	23.50	1.94	8	112	0.205	SE
S3	20190327	Cloudy	Moderate	Mid-Ebb	M	4.1	0.69	11.38	8.93	32.1	23.60	2.06	8	113	0.147	E

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
S3	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.69	11.35	9.04	31.1	23.60	2.21	6	113	0.108	E
S3	20190327	Cloudy	Moderate	Mid-Ebb	S	1	0.69	11.31	9.03	32.8	23.60	2.12	7	112	0.142	E
B1	20190329	Cloudy	Moderate	Mid-Flood	B	5.3	11:45	12.52	8.75	29.41	22.4	1.94	3	113	0.166	W
B1	20190329	Cloudy	Moderate	Mid-Flood	B	5.3	11:45	12.63	8.57	29.73	22.2	2.03	4	112	0.218	W
B1	20190329	Cloudy	Moderate	Mid-Flood	S	1	11:46	12.43	8.46	27.5	22.5	1.97	4	113	0.278	W
B1	20190329	Cloudy	Moderate	Mid-Flood	S	1	11:46	12.29	8.39	33.1	22.4	1.97	5	112	0.219	W
B2	20190329	Cloudy	Moderate	Mid-Flood	B	4.8	12:05	11.45	8.96	31.5	22.4	1.76	3	113	0.162	W
B2	20190329	Cloudy	Moderate	Mid-Flood	B	4.8	12:05	11.33	8.64	29.72	22.2	1.86	4	112	0.204	W
B2	20190329	Cloudy	Moderate	Mid-Flood	S	1	12:06	11.23	8.32	31.57	22.1	1.79	4	113	0.169	SW
B2	20190329	Cloudy	Moderate	Mid-Flood	S	1	12:06	11.25	8.3	33.28	22.2	1.73	4	113	0.127	W
B3	20190329	Cloudy	Moderate	Mid-Flood	B	4.7	12:12	11.54	9	28.72	22.4	1.8	3	113	0.267	W
B3	20190329	Cloudy	Moderate	Mid-Flood	B	4.7	12:12	11.38	8.83	30.16	22.2	1.74	3	113	0.221	W
B3	20190329	Cloudy	Moderate	Mid-Flood	S	1	12:13	11.28	8.41	28.99	22.4	1.67	<2	112	0.195	SW
B3	20190329	Cloudy	Moderate	Mid-Flood	S	1	12:13	11.41	8.4	33.02	22.4	1.77	<2	113	0.257	W
B4	20190329	Cloudy	Moderate	Mid-Flood	B	4.9	12:22	10.13	8.83	31.17	22.5	2.83	4	112	0.142	SW
B4	20190329	Cloudy	Moderate	Mid-Flood	B	4.9	12:22	10.22	8.33	30.92	22.2	2.92	4	112	0.131	SW
B4	20190329	Cloudy	Moderate	Mid-Flood	S	1	12:23	10.37	8.52	28.57	22.4	2.88	4	113	0.276	W
B4	20190329	Cloudy	Moderate	Mid-Flood	S	1	12:23	10.26	8.59	32.86	22.2	2.92	4	112	0.289	W
C1	20190329	Cloudy	Moderate	Mid-Flood	B	9.3	11:23	11.48	8.92	28.22	22.5	2.19	6	111	0.248	SW
C1	20190329	Cloudy	Moderate	Mid-Flood	B	9.3	11:23	11.34	8.3	27.47	22.2	2.21	5	112	0.196	NW
C1	20190329	Cloudy	Moderate	Mid-Flood	M	5.2	11:24	11.33	8.71	33.03	22.4	2.19	6	112	0.276	NW
C1	20190329	Cloudy	Moderate	Mid-Flood	M	5.2	11:24	11.45	9	30.68	22.2	2.21	5	112	0.266	W
C1	20190329	Cloudy	Moderate	Mid-Flood	S	1	11:25	11.44	8.83	30.82	22.2	2.27	5	112	0.193	SW
C1	20190329	Cloudy	Moderate	Mid-Flood	S	1	11:25	11.64	9.02	31.73	22.4	2.31	5	112	0.251	NW
C2	20190329	Cloudy	Moderate	Mid-Flood	B	7.5	10:17	10.03	8.67	33.14	22.3	2.39	5	113	0.176	W
C2	20190329	Cloudy	Moderate	Mid-Flood	B	7.5	10:17	10.1	8.55	27.67	22.4	2.45	6	113	0.218	W
C2	20190329	Cloudy	Moderate	Mid-Flood	M	4.3	10:18	10.16	8.32	29.6	22.1	2.42	4	113	0.267	W
C2	20190329	Cloudy	Moderate	Mid-Flood	M	4.3	10:18	10.2	8.92	27.81	22.1	2.38	4	113	0.23	SW
C2	20190329	Cloudy	Moderate	Mid-Flood	S	1	10:19	10.13	8.75	29.72	22.2	2.46	6	112	0.267	NW
C2	20190329	Cloudy	Moderate	Mid-Flood	S	1	10:19	10.09	8.4	30.99	22.4	2.38	5	113	0.209	SW
F1	20190329	Cloudy	Moderate	Mid-Flood	B	6.8	10:38	10.49	8.85	28.34	22.3	3.13	4	111	0.137	W
F1	20190329	Cloudy	Moderate	Mid-Flood	B	6.8	10:38	10.47	8.66	31.75	22.2	3.19	4	112	0.22	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
F1	20190329	Cloudy	Moderate	Mid-Flood	M	3.9	10:39	10.27	8.3	31.25	22.3	3.17	5	112	0.167	W
F1	20190329	Cloudy	Moderate	Mid-Flood	M	3.9	10:39	10.27	8.52	32.11	22.4	3.15	4	113	0.136	W
F1	20190329	Cloudy	Moderate	Mid-Flood	S	1	10:40	10.37	8.66	33.34	22.5	3.1	5	114	0.194	SW
F1	20190329	Cloudy	Moderate	Mid-Flood	S	1	10:40	10.27	8.47	30.14	22.4	3.13	4	112	0.234	NW
H1	20190329	Cloudy	Moderate	Mid-Flood	B	6.6	11:53	11.82	8.85	29.74	22.4	2.11	3	112	0.233	NW
H1	20190329	Cloudy	Moderate	Mid-Flood	B	6.6	11:53	11.74	8.8	32.85	22.2	2.2	4	112	0.179	NW
H1	20190329	Cloudy	Moderate	Mid-Flood	M	3.8	11:54	11.9	8.33	27.4	22.3	2.1	3	112	0.128	W
H1	20190329	Cloudy	Moderate	Mid-Flood	M	3.8	11:54	11.88	8.57	32.93	22.3	2.15	3	113	0.163	SW
H1	20190329	Cloudy	Moderate	Mid-Flood	S	1	11:55	11.92	8.95	29.87	22.4	2.11	4	112	0.282	W
H1	20190329	Cloudy	Moderate	Mid-Flood	S	1	11:55	12	8.36	32.28	22.3	2.16	5	112	0.286	NW
M1	20190329	Cloudy	Moderate	Mid-Flood	B	8.1	11:10	12.18	8.51	31.1	22.5	1.65	5	112	0.277	W
M1	20190329	Cloudy	Moderate	Mid-Flood	B	8.1	11:10	12.09	8.43	28.09	22.3	1.55	5	113	0.219	W
M1	20190329	Cloudy	Moderate	Mid-Flood	M	4.6	11:11	12.01	8.41	28.24	22.3	1.57	5	112	0.197	SW
M1	20190329	Cloudy	Moderate	Mid-Flood	M	4.6	11:11	12.05	8.38	29.92	22.3	1.47	6	113	0.247	W
M1	20190329	Cloudy	Moderate	Mid-Flood	S	1	11:12	12.07	8.66	32.71	22.4	1.5	3	112	0.168	W
M1	20190329	Cloudy	Moderate	Mid-Flood	S	1	11:12	12.21	8.35	32.53	22.5	1.54	4	113	0.189	W
CR1	20190329	Cloudy	Moderate	Mid-Flood	B	11	10:32	12.1	8.76	31.17	22.2	3.47	3	112	0.273	W
CR1	20190329	Cloudy	Moderate	Mid-Flood	B	11	10:32	12.07	8.51	29.65	22.2	3.56	4	111	0.136	NW
CR1	20190329	Cloudy	Moderate	Mid-Flood	M	6	10:33	12.14	9.04	30.58	22.2	3.49	3	112	0.144	W
CR1	20190329	Cloudy	Moderate	Mid-Flood	M	6	10:33	12.34	8.83	28.05	22.3	3.52	4	112	0.193	W
CR1	20190329	Cloudy	Moderate	Mid-Flood	S	1	10:34	12.18	8.82	33.07	22.4	3.5	4	112	0.144	W
CR1	20190329	Cloudy	Moderate	Mid-Flood	S	1	10:34	12.33	8.96	31.45	22.2	3.59	4	112	0.174	W
CR2	20190329	Cloudy	Moderate	Mid-Flood	B	9.8	10:44	10.37	8.59	31.54	22.2	3.21	4	114	0.152	NW
CR2	20190329	Cloudy	Moderate	Mid-Flood	B	9.8	10:44	10.44	8.98	32.97	22.4	3.16	5	112	0.277	NW
CR2	20190329	Cloudy	Moderate	Mid-Flood	M	5.4	10:45	10.38	8.34	28.03	22.5	3.17	3	111	0.181	NW
CR2	20190329	Cloudy	Moderate	Mid-Flood	M	5.4	10:45	10.18	8.54	30.81	22.4	3.23	4	113	0.228	W
CR2	20190329	Cloudy	Moderate	Mid-Flood	S	1	10:46	9.98	8.96	28.26	22.2	3.25	3	112	0.141	W
CR2	20190329	Cloudy	Moderate	Mid-Flood	S	1	10:46	10.07	8.49	27.7	22.5	3.3	3	111	0.237	SW
S1	20190329	Cloudy	Moderate	Mid-Flood	B	4.3	11:55	10.41	8.62	27.48	22.3	1.72	6	112	0.171	NW
S1	20190329	Cloudy	Moderate	Mid-Flood	B	4.3	11:55	10.31	8.52	33.08	22.4	1.77	6	112	0.13	W
S1	20190329	Cloudy	Moderate	Mid-Flood	S	1	11:56	10.11	8.72	28.16	22.3	1.85	4	113	0.247	W
S1	20190329	Cloudy	Moderate	Mid-Flood	S	1	11:56	10.16	8.82	31.15	22.3	1.91	5	113	0.244	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
S2	20190329	Cloudy	Moderate	Mid-Flood	B	8.7	12:20	12.41	8.4	31.81	22.4	3.16	4	113	0.123	W
S2	20190329	Cloudy	Moderate	Mid-Flood	B	8.7	12:20	12.55	9.03	32.36	22.4	3.16	4	112	0.14	NW
S2	20190329	Cloudy	Moderate	Mid-Flood	M	4.9	12:21	12.73	8.87	28.66	22.1	3.21	4	113	0.231	NW
S2	20190329	Cloudy	Moderate	Mid-Flood	M	4.9	12:21	12.8	8.77	29.03	22.2	3.22	4	113	0.248	SW
S2	20190329	Cloudy	Moderate	Mid-Flood	S	1	12:22	12.85	8.59	29.4	22.2	3.24	4	112	0.159	W
S2	20190329	Cloudy	Moderate	Mid-Flood	S	1	12:22	12.72	8.87	27.94	22.2	3.16	4	112	0.27	W
S3	20190329	Cloudy	Moderate	Mid-Flood	B	7.2	10:54	11.52	8.45	33.08	22.2	2.2	5	112	0.279	W
S3	20190329	Cloudy	Moderate	Mid-Flood	B	7.2	10:54	11.38	8.58	31.12	22.2	2.29	6	111	0.122	SW
S3	20190329	Cloudy	Moderate	Mid-Flood	M	4.1	10:55	11.51	8.47	31.34	22.2	2.39	6	112	0.143	NW
S3	20190329	Cloudy	Moderate	Mid-Flood	M	4.1	10:55	11.5	8.56	31.77	22.4	2.3	6	113	0.29	W
S3	20190329	Cloudy	Moderate	Mid-Flood	S	1	10:56	11.48	8.48	31.48	22.4	2.22	6	111	0.247	W
S3	20190329	Cloudy	Moderate	Mid-Flood	S	1	10:56	11.33	8.76	30.31	22.4	2.12	6	112	0.139	SW
B1	20190329	Cloudy	Moderate	Mid-Ebb	B	4	16:32	12.75	8.65	31.93	23.9	2.81	3	113	0.225	S
B1	20190329	Cloudy	Moderate	Mid-Ebb	B	4	16:32	12.81	8.51	28.86	23.8	2.87	4	112	0.195	S
B1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	16:33	12.88	8.59	30.18	23.9	2.81	4	113	0.11	S
B1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	16:33	12.72	8.4	29.69	23.9	2.88	3	112	0.195	S
B2	20190329	Cloudy	Moderate	Mid-Ebb	B	4.5	16:57	12.52	8.94	32.07	23.7	1.54	5	112	0.227	SE
B2	20190329	Cloudy	Moderate	Mid-Ebb	B	4.5	16:57	12.36	8.36	31.79	23.8	1.51	4	112	0.196	S
B2	20190329	Cloudy	Moderate	Mid-Ebb	S	1	16:58	12.5	8.35	29.84	23.8	1.49	3	113	0.145	E
B2	20190329	Cloudy	Moderate	Mid-Ebb	S	1	16:58	12.54	8.94	32.61	23.9	1.44	3	113	0.166	S
B3	20190329	Cloudy	Moderate	Mid-Ebb	B	3.7	17:51	12.05	8.54	31.53	23.7	2.95	7	113	0.086	S
B3	20190329	Cloudy	Moderate	Mid-Ebb	B	3.7	17:51	11.87	8.76	32.76	23.8	3.04	6	113	0.093	E
B3	20190329	Cloudy	Moderate	Mid-Ebb	S	1	17:52	11.93	8.74	33.06	23.8	3.11	6	113	0.094	SE
B3	20190329	Cloudy	Moderate	Mid-Ebb	S	1	17:52	11.75	9.04	32.57	23.9	3.04	6	112	0.102	SE
B4	20190329	Cloudy	Moderate	Mid-Ebb	B	5	18:03	12.89	8.34	28.14	23.8	2.49	6	113	0.178	SE
B4	20190329	Cloudy	Moderate	Mid-Ebb	B	5	18:03	12.79	8.74	32.65	23.7	2.45	5	112	0.237	E
B4	20190329	Cloudy	Moderate	Mid-Ebb	S	1	18:04	12.84	8.91	28.92	23.7	2.35	3	113	0.19	E
B4	20190329	Cloudy	Moderate	Mid-Ebb	S	1	18:04	12.99	8.37	30.27	23.8	2.45	4	112	0.233	E
C1	20190329	Cloudy	Moderate	Mid-Ebb	B	9	16:11	12.18	8.84	30.67	23.7	2.22	3	112	0.185	SE
C1	20190329	Cloudy	Moderate	Mid-Ebb	B	9	16:11	12.26	8.95	33.06	23.8	2.12	4	111	0.164	S
C1	20190329	Cloudy	Moderate	Mid-Ebb	M	5	16:12	12.18	8.35	28.9	23.9	2.03	6	112	0.177	E
C1	20190329	Cloudy	Moderate	Mid-Ebb	M	5	16:12	12.02	8.79	33.35	23.8	2.01	6	113	0.246	S

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	16:13	11.94	8.54	30.67	23.8	1.97	6	113	0.082	SE
C1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	16:13	12.12	8.94	29.93	23.8	2.02	6	112	0.113	E
C2	20190329	Cloudy	Moderate	Mid-Ebb	B	7.7	18:07	12	8.96	32.47	23.8	1.75	6	113	0.211	SE
C2	20190329	Cloudy	Moderate	Mid-Ebb	B	7.7	18:07	12.2	8.77	31.2	23.8	1.73	6	112	0.173	S
C2	20190329	Cloudy	Moderate	Mid-Ebb	M	4.4	18:08	12.14	8.67	31.47	23.8	1.69	6	112	0.107	S
C2	20190329	Cloudy	Moderate	Mid-Ebb	M	4.4	18:08	12.22	8.33	30.14	23.7	1.76	6	112	0.115	E
C2	20190329	Cloudy	Moderate	Mid-Ebb	S	1	18:09	12.39	8.95	32.41	23.7	1.85	6	113	0.183	S
C2	20190329	Cloudy	Moderate	Mid-Ebb	S	1	18:09	12.58	8.68	30.16	23.7	1.81	5	114	0.238	E
F1	20190329	Cloudy	Moderate	Mid-Ebb	B	7.2	16:10	12.07	8.63	32.63	23.9	3.23	4	113	0.193	SE
F1	20190329	Cloudy	Moderate	Mid-Ebb	B	7.2	16:10	12.23	8.36	27.66	23.7	3.15	3	113	0.239	SE
F1	20190329	Cloudy	Moderate	Mid-Ebb	M	4.1	16:11	12.03	8.73	33.04	23.8	3.16	4	112	0.118	S
F1	20190329	Cloudy	Moderate	Mid-Ebb	M	4.1	16:11	11.99	8.86	30.22	23.8	3.17	4	112	0.142	SE
F1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	16:12	12.19	8.61	33.29	23.7	3.19	5	112	0.113	SE
F1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	16:12	12.17	8.78	30.35	23.8	3.17	5	113	0.122	E
H1	20190329	Cloudy	Moderate	Mid-Ebb	B	6.4	17:35	10.97	9.03	30.81	23.8	1.83	4	113	0.182	E
H1	20190329	Cloudy	Moderate	Mid-Ebb	B	6.4	17:35	10.94	8.9	31.01	23.9	1.78	3	113	0.149	SE
H1	20190329	Cloudy	Moderate	Mid-Ebb	M	3.7	17:36	10.74	8.63	29.99	23.8	1.81	4	113	0.087	SE
H1	20190329	Cloudy	Moderate	Mid-Ebb	M	3.7	17:36	10.65	8.99	28.68	23.9	1.81	3	112	0.113	SE
H1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	17:37	10.54	8.48	31.9	23.7	1.8	4	112	0.078	E
H1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	17:37	10.61	8.82	32.22	23.9	1.81	4	112	0.104	S
M1	20190329	Cloudy	Moderate	Mid-Ebb	B	8.3	16:48	12.44	8.62	32.37	23.8	2.67	3	113	0.189	S
M1	20190329	Cloudy	Moderate	Mid-Ebb	B	8.3	16:48	12.51	8.58	29.34	23.7	2.6	3	113	0.242	E
M1	20190329	Cloudy	Moderate	Mid-Ebb	M	4.7	16:49	12.68	8.97	32.22	23.8	2.59	<2	113	0.083	E
M1	20190329	Cloudy	Moderate	Mid-Ebb	M	4.7	16:49	12.77	8.38	28.79	23.9	2.66	<2	112	0.113	SE
M1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	16:50	12.63	8.57	30.49	23.9	2.59	<2	114	0.164	S
M1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	16:50	12.63	8.69	31.81	23.7	2.52	<2	113	0.117	SE
CR1	20190329	Cloudy	Moderate	Mid-Ebb	B	11.7	17:49	10.26	9.04	28.65	23.7	2.48	2	113	0.155	E
CR1	20190329	Cloudy	Moderate	Mid-Ebb	B	11.7	17:49	10.22	9.03	28.35	23.7	2.51	2	114	0.203	E
CR1	20190329	Cloudy	Moderate	Mid-Ebb	M	6.4	17:50	10.16	8.54	30.53	23.8	2.41	2	114	0.108	S
CR1	20190329	Cloudy	Moderate	Mid-Ebb	M	6.4	17:50	10.06	8.58	28.96	23.8	2.47	2	113	0.118	E
CR1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	17:51	10.25	8.87	29.57	23.9	2.53	4	113	0.194	SE
CR1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	17:51	10.09	8.36	27.87	23.8	2.47	3	113	0.166	S

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR2	20190329	Cloudy	Moderate	Mid-Ebb	B	10.3	17:36	11.38	8.99	27.54	23.8	2.47	6	113	0.082	S
CR2	20190329	Cloudy	Moderate	Mid-Ebb	B	10.3	17:36	11.47	8.71	28.18	23.9	2.57	7	112	0.192	S
CR2	20190329	Cloudy	Moderate	Mid-Ebb	M	5.7	17:37	11.31	8.74	28.1	23.7	2.62	5	113	0.148	SE
CR2	20190329	Cloudy	Moderate	Mid-Ebb	M	5.7	17:37	11.13	8.6	31.05	23.8	2.64	5	112	0.131	SE
CR2	20190329	Cloudy	Moderate	Mid-Ebb	S	1	17:38	10.93	8.39	32.87	23.9	2.65	4	113	0.115	E
CR2	20190329	Cloudy	Moderate	Mid-Ebb	S	1	17:38	11.01	8.41	32.35	23.9	2.63	4	113	0.162	S
S1	20190329	Cloudy	Moderate	Mid-Ebb	B	4.5	16:42	12.69	8.39	28.01	23.7	2.17	4	113	0.178	SE
S1	20190329	Cloudy	Moderate	Mid-Ebb	B	4.5	16:42	12.62	8.96	32.9	23.7	2.27	3	113	0.227	SE
S1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	16:43	12.8	8.52	27.31	23.7	2.23	2	114	0.181	SE
S1	20190329	Cloudy	Moderate	Mid-Ebb	S	1	16:43	12.98	8.5	29.07	23.7	2.25	3	112	0.189	SE
S2	20190329	Cloudy	Moderate	Mid-Ebb	B	7.8	17:13	10.67	8.45	32.64	23.7	2.46	5	112	0.106	S
S2	20190329	Cloudy	Moderate	Mid-Ebb	B	7.8	17:13	10.87	8.62	29.52	23.7	2.56	4	113	0.124	SE
S2	20190329	Cloudy	Moderate	Mid-Ebb	M	4.4	17:14	10.7	8.71	30.82	23.9	2.58	4	113	0.227	S
S2	20190329	Cloudy	Moderate	Mid-Ebb	M	4.4	17:14	10.66	8.68	28.07	23.8	2.68	5	113	0.183	S
S2	20190329	Cloudy	Moderate	Mid-Ebb	S	1	17:15	10.71	8.71	32.5	23.7	2.78	3	112	0.248	S
S2	20190329	Cloudy	Moderate	Mid-Ebb	S	1	17:15	10.54	8.83	29.5	23.8	2.69	4	113	0.239	SE
S3	20190329	Cloudy	Moderate	Mid-Ebb	B	7.6	17:26	12.44	8.84	32.32	23.7	3.35	3	114	0.113	SE
S3	20190329	Cloudy	Moderate	Mid-Ebb	B	7.6	17:26	12.45	8.96	32.54	23.8	3.41	3	114	0.121	S
S3	20190329	Cloudy	Moderate	Mid-Ebb	M	4.3	17:27	12.27	8.39	29.74	23.8	3.43	6	113	0.199	S
S3	20190329	Cloudy	Moderate	Mid-Ebb	M	4.3	17:27	12.17	8.62	31.41	23.7	3.39	6	113	0.189	S
S3	20190329	Cloudy	Moderate	Mid-Ebb	S	1	17:28	12.31	8.78	29.08	23.9	3.36	5	114	0.188	SE
S3	20190329	Cloudy	Moderate	Mid-Ebb	S	1	17:28	12.26	8.8	33.36	23.8	3.44	6	112	0.238	S

Remarks:

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

note 2: Cancelled due to container leakage.

note 3: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
UC1	20190302	Sunny	Light	Mid-Ebb	B	8.5	10:07	8.97	9.15	31.17	19.4	1.3	2	112	0.082	SE
UC1	20190302	Sunny	Light	Mid-Ebb	B	8.5	10:07	9.17	9.03	31.13	19.3	1.37	3	113	0.116	SE
UC1	20190302	Sunny	Light	Mid-Ebb	M	4.8	10:08	9.04	9.08	30.75	19.3	2.17	3	113	0.074	SE
UC1	20190302	Sunny	Light	Mid-Ebb	M	4.8	10:08	9.17	9.27	31.77	19.2	2.28	2	113	0.173	SE
UC1	20190302	Sunny	Light	Mid-Ebb	S	1	10:09	9.23	9.15	30.24	19.3	3.7	4	114	0.117	SE
UC1	20190302	Sunny	Light	Mid-Ebb	S	1	10:09	8.75	9.1	30.6	19.3	3.52	3	113	0.098	SE
UC2	20190302	Sunny	Light	Mid-Ebb	B	10.2	10:15	8.83	9.22	30.44	19.2	1.4	5	114	0.112	SE
UC2	20190302	Sunny	Light	Mid-Ebb	B	10.2	10:15	9.15	9.26	30.46	19.4	1.31	5	113	0.128	SE
UC2	20190302	Sunny	Light	Mid-Ebb	M	5.6	10:16	8.81	9.23	31.32	19.1	2.2	3	113	0.066	SE
UC2	20190302	Sunny	Light	Mid-Ebb	M	5.6	10:16	8.73	9.05	31.46	19.3	2.11	3	114	0.101	SE
UC2	20190302	Sunny	Light	Mid-Ebb	S	1	10:17	9.24	9.04	31.53	19.4	3.01	4	112	0.114	SE
UC2	20190302	Sunny	Light	Mid-Ebb	S	1	10:17	8.81	9.2	30.85	19.3	2.92	4	112	0.117	SE
I1	20190302	Sunny	Light	Mid-Ebb	B	10	10:24	9.15	9.23	30.83	19.4	1.31	5	112	0.09	SE
I1	20190302	Sunny	Light	Mid-Ebb	B	10	10:24	9.16	9.24	31.36	19.4	1.46	5	113	0.181	SE
I1	20190302	Sunny	Light	Mid-Ebb	M	5.5	10:25	8.76	9.13	30.62	19.3	2.54	4	112	0.12	SE
I1	20190302	Sunny	Light	Mid-Ebb	M	5.5	10:25	9.13	9.27	31.75	19.1	2.46	3	112	0.18	SE
I1	20190302	Sunny	Light	Mid-Ebb	S	1	10:26	8.89	9.27	30.13	19.1	3.74	3	112	0.072	SE
I1	20190302	Sunny	Light	Mid-Ebb	S	1	10:26	8.9	9.09	31.4	19.2	3.83	3	113	0.086	SE
I2	20190302	Sunny	Light	Mid-Ebb	B	10.2	10:29	9.05	9.03	30.91	19.2	1.88	4	114	0.141	SE
I2	20190302	Sunny	Light	Mid-Ebb	B	10.2	10:29	9.08	9.16	30.16	19.2	2	4	114	0.117	SE
I2	20190302	Sunny	Light	Mid-Ebb	M	5.6	10:30	9.15	9.2	31.52	19.2	2.21	4	114	0.112	SE
I2	20190302	Sunny	Light	Mid-Ebb	M	5.6	10:30	9.03	9.07	30.27	19.1	2.13	4	114	0.121	SE
I2	20190302	Sunny	Light	Mid-Ebb	S	1	10:31	8.71	9.03	30.42	19.4	3.48	3	113	0.176	SE
I2	20190302	Sunny	Light	Mid-Ebb	S	1	10:31	8.98	9.13	30.85	19.3	3.47	2	112	0.08	SE
I3	20190302	Sunny	Light	Mid-Ebb	B	8.8	10:33	8.82	9.27	30.6	19.4	1.02	4	113	0.086	SE
I3	20190302	Sunny	Light	Mid-Ebb	B	8.8	10:33	9.26	9.03	31.73	19.1	0.95	4	112	0.069	SE
I3	20190302	Sunny	Light	Mid-Ebb	M	4.9	10:34	9.16	9.02	31.72	19.3	2.93	3	113	0.142	SE
I3	20190302	Sunny	Light	Mid-Ebb	M	4.9	10:34	9.16	9.19	30.77	19.1	3.02	3	113	0.144	SE
I3	20190302	Sunny	Light	Mid-Ebb	S	1	10:35	8.79	9.27	31.18	19.3	3.95	4	113	0.18	SE
I3	20190302	Sunny	Light	Mid-Ebb	S	1	10:35	9.05	9.25	31.15	19.3	4.15	4	113	0.109	SE
I4	20190302	Sunny	Light	Mid-Ebb	B	9.8	10:41	8.94	9.12	31.43	19.3	1.97	2	113	0.098	SE
I4	20190302	Sunny	Light	Mid-Ebb	B	9.8	10:41	8.96	9.05	30.8	19.3	2.02	3	112	0.089	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
14	20190302	Sunny	Light	Mid-Ebb	M	5.4	10:42	8.66	9.11	31.16	19.1	2	2	113	0.144	SE
14	20190302	Sunny	Light	Mid-Ebb	M	5.4	10:42	8.96	9.23	31.66	19.4	2.08	2	113	0.149	SE
14	20190302	Sunny	Light	Mid-Ebb	S	1	10:43	9.26	9.13	30.36	19.4	3.54	3	114	0.165	SE
14	20190302	Sunny	Light	Mid-Ebb	S	1	10:43	9.26	9.08	31.67	19.3	3.62	2	113	0.148	SE
15	20190302	Sunny	Light	Mid-Ebb	B	8.5	10:47	9.26	9.07	30.88	19.3	1	6	112	0.095	SE
15	20190302	Sunny	Light	Mid-Ebb	B	8.5	10:47	8.7	9.06	31.1	19.2	1.14	6	112	0.057	SE
15	20190302	Sunny	Light	Mid-Ebb	M	4.8	10:48	9.13	9.16	31.76	19.1	2.82	4	111	0.146	SE
15	20190302	Sunny	Light	Mid-Ebb	M	4.8	10:48	8.78	9.13	30.15	19.4	2.66	4	112	0.088	SE
15	20190302	Sunny	Light	Mid-Ebb	S	1	10:49	9.22	9.27	31.3	19.1	3.14	5	113	0.146	SE
15	20190302	Sunny	Light	Mid-Ebb	S	1	10:49	9.08	9.15	30.99	19.2	3.18	5	113	0.127	SE
16	20190302	Sunny	Light	Mid-Ebb	B	9.2	11:19	8.86	9.04	31.9	19.4	1.15	9	113	0.117	SE
16	20190302	Sunny	Light	Mid-Ebb	B	9.2	11:19	8.68	9.23	31.19	19.1	1.31	10	113	0.081	SE
16	20190302	Sunny	Light	Mid-Ebb	M	5.1	11:20	8.73	9.09	31.06	19.4	2.27	9	112	0.143	SE
16	20190302	Sunny	Light	Mid-Ebb	M	5.1	11:20	8.71	9.03	31.48	19.4	2.41	10	114	0.169	SE
16	20190302	Sunny	Light	Mid-Ebb	S	1	11:21	8.82	9.06	30.99	19.3	3.28	8	113	0.143	SE
16	20190302	Sunny	Light	Mid-Ebb	S	1	11:21	9.06	9.26	30.86	19.2	3.15	8	113	0.066	SE
17	20190302	Sunny	Light	Mid-Ebb	B	9.7	11:13	8.64	9.25	31.86	19.3	1.53	6	112	0.056	SE
17	20190302	Sunny	Light	Mid-Ebb	B	9.7	11:13	9.27	9.24	30.74	19.1	1.68	6	112	0.123	SE
17	20190302	Sunny	Light	Mid-Ebb	M	5.4	11:14	8.73	9.16	31.46	19.1	2.71	7	112	0.089	SE
17	20190302	Sunny	Light	Mid-Ebb	M	5.4	11:14	9.24	9.14	30.1	19.4	2.74	6	112	0.179	SE
17	20190302	Sunny	Light	Mid-Ebb	S	1	11:15	8.94	9.14	31.9	19.2	3.51	6	112	0.105	SE
17	20190302	Sunny	Light	Mid-Ebb	S	1	11:15	8.78	9.22	31.49	19.2	3.34	7	113	0.128	SE
18	20190302	Sunny	Light	Mid-Ebb	B	10	11:08	9.23	9.06	30.26	19.2	1.08	4	113	0.109	SE
18	20190302	Sunny	Light	Mid-Ebb	B	10	11:08	9.25	9.13	31.67	19.3	0.92	3	113	0.144	SE
18	20190302	Sunny	Light	Mid-Ebb	M	5.5	11:09	9.03	9.1	31.52	19.4	2	4	113	0.16	SE
18	20190302	Sunny	Light	Mid-Ebb	M	5.5	11:09	8.79	9.25	30.65	19.4	2.15	4	112	0.18	SE
18	20190302	Sunny	Light	Mid-Ebb	S	1	11:10	9.1	9.2	30.76	19.3	3.98	4	113	0.136	SE
18	20190302	Sunny	Light	Mid-Ebb	S	1	11:10	9.18	9.18	31.92	19.1	4.05	4	114	0.134	SE
19	20190302	Sunny	Light	Mid-Ebb	B	9.1	11:01	9.06	9.09	31.37	19.3	1.84	6	113	0.098	SE
19	20190302	Sunny	Light	Mid-Ebb	B	9.1	11:01	9.04	9.24	31.08	19.3	1.98	6	113	0.065	SE
19	20190302	Sunny	Light	Mid-Ebb	M	5.1	11:02	9.25	9.22	31	19.3	2.24	7	113	0.143	SE
19	20190302	Sunny	Light	Mid-Ebb	M	5.1	11:02	9.2	9.11	31.86	19.3	2.44	8	113	0.15	SE

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Integrated Waste Management Facilities, Phase 1
Intensive DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
I9	20190302	Sunny	Light	Mid-Ebb	S	1	11:03	9.11	9.08	30.27	19.3	3.36	9	114	0.102	SE
I9	20190302	Sunny	Light	Mid-Ebb	S	1	11:03	8.66	9.02	30.65	19.1	3.52	9	113	0.172	SE
I10	20190302	Sunny	Light	Mid-Ebb	B	10.1	10:54	8.81	9.18	31.75	19.3	1.06	5	114	0.181	SE
I10	20190302	Sunny	Light	Mid-Ebb	B	10.1	10:54	8.79	9.19	31.73	19.3	1.21	6	114	0.086	SE
I10	20190302	Sunny	Light	Mid-Ebb	M	5.6	10:55	9.24	9.11	31.34	19.1	2.97	5	114	0.104	SE
I10	20190302	Sunny	Light	Mid-Ebb	M	5.6	10:55	9	9.07	31.79	19.1	2.85	6	112	0.14	SE
I10	20190302	Sunny	Light	Mid-Ebb	S	1	10:56	8.93	9.06	30.25	19.3	3.95	6	113	0.111	SE
I10	20190302	Sunny	Light	Mid-Ebb	S	1	10:56	9.15	9.1	30.27	19.3	4.12	6	112	0.066	SE
UC1	20190302	Sunny	Light	Mid-Flood	B	10.1	13:27	8.81	9.13	31.45	19.3	1.56	6	112	0.084	NW
UC1	20190302	Sunny	Light	Mid-Flood	B	10.1	13:27	8.12	9.05	30.89	19.2	1.68	7	113	0.165	NW
UC1	20190302	Sunny	Light	Mid-Flood	M	5.6	13:28	8.54	8.96	30.3	19.4	2.32	4	114	0.174	NW
UC1	20190302	Sunny	Light	Mid-Flood	M	5.6	13:28	7.99	9.02	31.03	19.1	2.46	4	113	0.185	NW
UC1	20190302	Sunny	Light	Mid-Flood	S	1	13:29	8.33	9.12	31.66	19.2	3.69	3	112	0.093	NW
UC1	20190302	Sunny	Light	Mid-Flood	S	1	13:29	8.75	8.95	31.34	19.3	3.88	4	112	0.109	NW
UC2	20190302	Sunny	Light	Mid-Flood	B	10.5	13:35	8.1	8.98	31.42	19.1	1.54	3	112	0.194	NW
UC2	20190302	Sunny	Light	Mid-Flood	B	10.5	13:35	7.93	8.94	30.47	19.3	1.64	4	113	0.102	NW
UC2	20190302	Sunny	Light	Mid-Flood	M	5.8	13:36	8.1	9.13	30.54	19.4	2.53	7	113	0.103	NW
UC2	20190302	Sunny	Light	Mid-Flood	M	5.8	13:36	8.34	9.01	30.39	19.2	2.6	6	113	0.154	NW
UC2	20190302	Sunny	Light	Mid-Flood	S	1	13:37	7.95	9.1	30.97	19.3	3.58	8	113	0.097	NW
UC2	20190302	Sunny	Light	Mid-Flood	S	1	13:37	8.1	8.94	30.35	19.3	3.59	8	113	0.168	NW
I1	20190302	Sunny	Light	Mid-Flood	B	8.8	13:42	8.7	8.86	31.31	19.4	1.71	7	113	0.164	NW
I1	20190302	Sunny	Light	Mid-Flood	B	8.8	13:42	8.74	8.94	31.93	19.2	1.56	6	113	0.117	NW
I1	20190302	Sunny	Light	Mid-Flood	M	4.9	13:43	8.81	9.11	31.93	19.2	2.93	5	113	0.189	NW
I1	20190302	Sunny	Light	Mid-Flood	M	4.9	13:43	8.8	9.06	30.54	19.1	2.83	5	113	0.136	NW
I1	20190302	Sunny	Light	Mid-Flood	S	1	13:44	8.49	9.1	31.32	19.4	3.07	5	113	0.084	NW
I1	20190302	Sunny	Light	Mid-Flood	S	1	13:44	8.82	8.84	31.11	19.2	3.19	6	113	0.093	NW
I2	20190302	Sunny	Light	Mid-Flood	B	10.4	13:49	8.6	9.16	31.81	19.4	1.93	5	113	0.119	NW
I2	20190302	Sunny	Light	Mid-Flood	B	10.4	13:49	7.84	9.16	31.34	19.4	1.73	5	112	0.212	NW
I2	20190302	Sunny	Light	Mid-Flood	M	5.7	13:50	8.29	8.95	31.51	19.1	2.93	4	113	0.103	NW
I2	20190302	Sunny	Light	Mid-Flood	M	5.7	13:50	8.17	8.94	31.51	19.2	3.01	5	112	0.19	NW
I2	20190302	Sunny	Light	Mid-Flood	S	1	13:51	8.59	8.97	30.57	19.2	3.17	7	112	0.209	NW
I2	20190302	Sunny	Light	Mid-Flood	S	1	13:51	7.97	8.91	30.92	19.1	3.22	7	112	0.12	NW

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Intensive DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
13	20190302	Sunny	Light	Mid-Flood	B	9.7	13:56	8.67	9.11	30.76	19.1	1.07	4	113	0.194	NW
13	20190302	Sunny	Light	Mid-Flood	B	9.7	13:56	7.94	9.17	31.32	19.4	1.15	4	112	0.155	NW
13	20190302	Sunny	Light	Mid-Flood	M	5.4	13:57	7.94	8.84	30.98	19.2	2.25	7	113	0.136	NW
13	20190302	Sunny	Light	Mid-Flood	M	5.4	13:57	8.64	8.93	30.1	19.3	2.37	7	113	0.092	NW
13	20190302	Sunny	Light	Mid-Flood	S	1	13:58	8.3	9.05	30.29	19.2	3.37	8	113	0.127	NW
13	20190302	Sunny	Light	Mid-Flood	S	1	13:58	8.16	8.86	31.61	19.1	3.38	6	114	0.112	NW
14	20190302	Sunny	Light	Mid-Flood	B	10.6	14:02	8.26	9.06	30.12	19.1	1.9	5	113	0.153	NW
14	20190302	Sunny	Light	Mid-Flood	B	10.6	14:02	8.85	8.87	31.64	19.1	1.8	6	114	0.083	NW
14	20190302	Sunny	Light	Mid-Flood	M	5.8	14:03	8.49	9.1	30.8	19.3	2.82	4	113	0.128	NW
14	20190302	Sunny	Light	Mid-Flood	M	5.8	14:03	8.47	8.96	30.98	19.1	2.94	4	113	0.103	NW
14	20190302	Sunny	Light	Mid-Flood	S	1	14:04	7.95	9	30.37	19.3	4	6	113	0.187	NW
14	20190302	Sunny	Light	Mid-Flood	S	1	14:04	8.74	8.86	31.26	19.3	3.87	4	113	0.135	NW
15	20190302	Sunny	Light	Mid-Flood	B	10.1	14:09	7.99	9.07	31.39	19.4	1.13	5	111	0.111	NW
15	20190302	Sunny	Light	Mid-Flood	B	10.1	14:09	7.85	9.07	30.65	19.3	1.11	5	112	0.212	NW
15	20190302	Sunny	Light	Mid-Flood	M	5.6	14:10	7.88	9.08	30.37	19.3	2.52	6	113	0.152	NW
15	20190302	Sunny	Light	Mid-Flood	M	5.6	14:10	8.36	8.91	30.47	19.1	2.5	5	114	0.167	NW
15	20190302	Sunny	Light	Mid-Flood	S	1	14:11	8.8	8.9	30.07	19.2	3.27	8	112	0.094	NW
15	20190302	Sunny	Light	Mid-Flood	S	1	14:11	8.48	9	31.79	19.1	3.38	8	112	0.178	NW
16	20190302	Sunny	Light	Mid-Flood	B	10.9	14:43	8.04	8.91	30.26	19.1	1.4	3	112	0.203	NW
16	20190302	Sunny	Light	Mid-Flood	B	10.9	14:43	8.71	8.85	31.41	19.3	1.49	3	113	0.111	NW
16	20190302	Sunny	Light	Mid-Flood	M	6	14:44	8.67	8.94	30.86	19.3	2.39	5	113	0.211	NW
16	20190302	Sunny	Light	Mid-Flood	M	6	14:44	8.63	8.92	30.39	19.4	2.37	4	112	0.133	NW
16	20190302	Sunny	Light	Mid-Flood	S	1	14:45	8.05	9.16	30.58	19.3	3.69	6	112	0.185	NW
16	20190302	Sunny	Light	Mid-Flood	S	1	14:45	8.29	9.03	30.32	19.2	3.74	6	112	0.171	NW
17	20190302	Sunny	Light	Mid-Flood	B	9.4	14:36	8.8	9.06	31.11	19.1	1.58	3	113	0.173	NW
17	20190302	Sunny	Light	Mid-Flood	B	9.4	14:36	8.38	9.02	30.63	19.3	1.66	3	112	0.091	NW
17	20190302	Sunny	Light	Mid-Flood	M	5.2	14:37	7.94	8.98	31.31	19.2	2.04	5	113	0.154	NW
17	20190302	Sunny	Light	Mid-Flood	M	5.2	14:37	8.82	8.94	30.73	19.1	2.17	5	113	0.137	NW
17	20190302	Sunny	Light	Mid-Flood	S	1	14:38	8.4	8.89	31.08	19.1	3.86	6	113	0.142	NW
17	20190302	Sunny	Light	Mid-Flood	S	1	14:38	8.75	8.83	31.88	19.2	3.97	6	112	0.207	NW
18	20190302	Sunny	Light	Mid-Flood	B	9.1	14:30	8.5	8.89	30.59	19.3	1.45	4	114	0.165	NW
18	20190302	Sunny	Light	Mid-Flood	B	9.1	14:30	8.03	9.16	31.14	19.3	1.31	3	113	0.108	NW

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Intensive DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
I8	20190302	Sunny	Light	Mid-Flood	M	5.1	14:31	8.37	8.92	31.76	19.3	2.71	2	114	0.188	NW
I8	20190302	Sunny	Light	Mid-Flood	M	5.1	14:31	8.3	9.02	31.36	19.4	2.56	2	114	0.177	NW
I8	20190302	Sunny	Light	Mid-Flood	S	1	14:32	8.31	8.97	31.08	19.4	3.43	<2	112	0.095	NW
I8	20190302	Sunny	Light	Mid-Flood	S	1	14:32	8.31	8.92	31.52	19.3	3.25	<2	113	0.106	NW
I9	20190302	Sunny	Light	Mid-Flood	B	8.8	14:23	8.4	9.14	30.7	19.1	1.49	3	112	0.196	NW
I9	20190302	Sunny	Light	Mid-Flood	B	8.8	14:23	8.84	9.02	31.37	19.1	1.68	4	114	0.145	NW
I9	20190302	Sunny	Light	Mid-Flood	M	4.9	14:24	8.49	8.91	30.93	19.2	2.84	5	113	0.191	NW
I9	20190302	Sunny	Light	Mid-Flood	M	4.9	14:24	8.18	9.07	31.63	19.1	2.8	6	113	0.085	NW
I9	20190302	Sunny	Light	Mid-Flood	S	1	14:25	8.66	9.14	31.08	19.3	3.07	4	112	0.136	NW
I9	20190302	Sunny	Light	Mid-Flood	S	1	14:25	8.17	8.82	30.98	19.1	3.26	4	113	0.162	NW
I10	20190302	Sunny	Light	Mid-Flood	B	9.1	14:16	8.02	8.88	31.72	19.3	1.81	4	112	0.185	NW
I10	20190302	Sunny	Light	Mid-Flood	B	9.1	14:16	8.69	9.12	31.52	19.1	1.64	3	113	0.136	NW
I10	20190302	Sunny	Light	Mid-Flood	M	5.1	14:17	8.53	9.1	31.6	19.2	2.63	3	113	0.123	NW
I10	20190302	Sunny	Light	Mid-Flood	M	5.1	14:17	7.93	9.13	31.6	19.3	2.71	4	113	0.177	NW
I10	20190302	Sunny	Light	Mid-Flood	S	1	14:18	7.92	9.05	30.72	19.4	3.03	2	113	0.179	NW
I10	20190302	Sunny	Light	Mid-Flood	S	1	14:18	8.15	8.83	31.57	19.1	3.23	2	113	0.184	NW
UC1	20190304	Cloudy	Light	Mid-Ebb	B	8.8	10:33	8.56	8.54	31.03	20.1	2.33	6	113	0.128	SE
UC1	20190304	Cloudy	Light	Mid-Ebb	B	8.8	10:33	8.51	8.38	31.52	20.2	2.33	6	112	0.087	SE
UC1	20190304	Cloudy	Light	Mid-Ebb	M	4.9	10:34	8.72	8.15	31.8	20.1	2.1	5	114	0.11	SE
UC1	20190304	Cloudy	Light	Mid-Ebb	M	4.9	10:34	8.09	8.13	31.24	20.2	2.08	4	114	0.125	SE
UC1	20190304	Cloudy	Light	Mid-Ebb	S	1	10:35	8.38	8.26	30.86	20.1	2.32	6	112	0.096	SE
UC1	20190304	Cloudy	Light	Mid-Ebb	S	1	10:35	8.33	8.42	31.69	20.2	2.32	6	114	0.115	SE
UC2	20190304	Cloudy	Light	Mid-Ebb	B	10.3	10:39	8.38	8.4	30.76	20.1	2.14	5	112	0.146	SE
UC2	20190304	Cloudy	Light	Mid-Ebb	B	10.3	10:39	8.73	8.19	31.56	20.2	2.13	5	114	0.133	SE
UC2	20190304	Cloudy	Light	Mid-Ebb	M	5.7	10:40	7.95	8.43	30.24	20.1	2.4	4	113	0.121	SE
UC2	20190304	Cloudy	Light	Mid-Ebb	M	5.7	10:40	8.1	8.54	30.89	20.1	2.38	3	112	0.104	SE
UC2	20190304	Cloudy	Light	Mid-Ebb	S	1	10:41	8.27	8.4	31.85	20.2	2.26	6	114	0.117	SE
UC2	20190304	Cloudy	Light	Mid-Ebb	S	1	10:41	7.92	8.39	30.17	20.2	2.19	5	112	0.142	SE
I1	20190304	Cloudy	Light	Mid-Ebb	B	8.8	10:45	8.67	8.42	30.07	20.2	2.09	4	114	0.109	SE
I1	20190304	Cloudy	Light	Mid-Ebb	B	8.8	10:45	8.57	8.4	30.94	20.2	1.99	5	113	0.088	SE
I1	20190304	Cloudy	Light	Mid-Ebb	M	4.9	10:46	7.9	8.33	31.93	20.1	2.29	5	115	0.133	SE
I1	20190304	Cloudy	Light	Mid-Ebb	M	4.9	10:46	8.39	8.37	30.6	20.2	2.3	4	113	0.141	SE

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Integrated Waste Management Facilities, Phase 1
Intensive DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
I1	20190304	Cloudy	Light	Mid-Ebb	S	1	10:47	7.77	8.56	31.46	20.1	2	5	114	0.125	SE
I1	20190304	Cloudy	Light	Mid-Ebb	S	1	10:47	8.18	8.22	30.15	20.1	1.97	4	114	0.094	SE
I2	20190304	Cloudy	Light	Mid-Ebb	B	9	10:50	8.32	8.47	31.44	20.1	2.38	6	113	0.159	SE
I2	20190304	Cloudy	Light	Mid-Ebb	B	9	10:50	8.72	8.4	30.5	20.1	2.42	6	113	0.159	SE
I2	20190304	Cloudy	Light	Mid-Ebb	M	5	10:51	8.38	8.55	30.21	20.2	2.4	6	113	0.141	SE
I2	20190304	Cloudy	Light	Mid-Ebb	M	5	10:51	8.05	8.37	31.43	20.1	2.41	6	114	0.138	SE
I2	20190304	Cloudy	Light	Mid-Ebb	S	1	10:52	8.37	8.28	30.66	20.2	2.16	6	113	0.101	SE
I2	20190304	Cloudy	Light	Mid-Ebb	S	1	10:52	8.43	8.47	31.08	20.2	2.18	5	115	0.112	SE
I3	20190304	Cloudy	Light	Mid-Ebb	B	8.6	10:56	7.75	8.3	31.63	20.2	2.36	5	113	0.118	SE
I3	20190304	Cloudy	Light	Mid-Ebb	B	8.6	10:56	8.63	8.5	31.46	20.1	2.46	6	112	0.137	SE
I3	20190304	Cloudy	Light	Mid-Ebb	M	4.8	10:57	8.75	8.36	31.36	20.1	2.11	4	113	0.094	SE
I3	20190304	Cloudy	Light	Mid-Ebb	M	4.8	10:57	8.61	8.2	31.67	20.1	2.21	4	114	0.094	SE
I3	20190304	Cloudy	Light	Mid-Ebb	S	1	10:58	8.76	8.27	30.36	20.1	2.09	5	113	0.119	SE
I3	20190304	Cloudy	Light	Mid-Ebb	S	1	10:58	7.77	8.18	31.31	20.2	2	4	113	0.162	SE
I4	20190304	Cloudy	Light	Mid-Ebb	B	9	11:01	8.16	8.49	31.82	20.1	2.36	4	113	0.149	SE
I4	20190304	Cloudy	Light	Mid-Ebb	B	9	11:01	8.57	8.22	31.03	20.1	2.44	4	113	0.12	SE
I4	20190304	Cloudy	Light	Mid-Ebb	M	5	11:02	7.65	8.2	30.23	20.2	2.14	4	114	0.096	SE
I4	20190304	Cloudy	Light	Mid-Ebb	M	5	11:02	8.67	8.38	30.33	20.2	2.1	4	114	0.103	SE
I4	20190304	Cloudy	Light	Mid-Ebb	S	1	11:03	7.91	8.38	30.33	20.1	2.3	3	112	0.135	SE
I4	20190304	Cloudy	Light	Mid-Ebb	S	1	11:03	8.37	8.45	30.18	20.1	2.32	4	113	0.102	SE
I5	20190304	Cloudy	Light	Mid-Ebb	B	8.4	11:06	8.29	8.33	30.81	20.1	2.31	14	113	0.127	SE
I5	20190304	Cloudy	Light	Mid-Ebb	B	8.4	11:06	8.67	8.27	31.93	20.1	2.23	13	114	0.159	SE
I5	20190304	Cloudy	Light	Mid-Ebb	M	4.7	11:07	7.92	8.49	31.66	20.1	2.11	12	113	0.123	SE
I5	20190304	Cloudy	Light	Mid-Ebb	M	4.7	11:07	8.4	8.17	30.18	20.1	2.01	12	113	0.161	SE
I5	20190304	Cloudy	Light	Mid-Ebb	S	1	11:08	8.21	8.57	31.26	20.1	2.2	6	114	0.127	SE
I5	20190304	Cloudy	Light	Mid-Ebb	S	1	11:08	8.03	8.22	30.65	20.1	2.27	8	114	0.157	SE
I6	20190304	Cloudy	Light	Mid-Ebb	B	10.2	11:32	7.74	8.42	30.91	20.1	2.11	9	113	0.105	SE
I6	20190304	Cloudy	Light	Mid-Ebb	B	10.2	11:32	7.82	8.29	31.2	20.2	2.01	9	113	0.162	SE
I6	20190304	Cloudy	Light	Mid-Ebb	M	5.6	11:33	8.19	8.57	30.44	20.2	2.22	7	114	0.118	SE
I6	20190304	Cloudy	Light	Mid-Ebb	M	5.6	11:33	7.71	8.2	31.37	20.1	2.22	7	113	0.147	SE
I6	20190304	Cloudy	Light	Mid-Ebb	S	1	11:34	8.33	8.47	31.1	20.1	2.12	6	113	0.132	SE
I6	20190304	Cloudy	Light	Mid-Ebb	S	1	11:34	8.49	8.27	30.29	20.1	2.19	6	113	0.135	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
I7	20190304	Cloudy	Light	Mid-Ebb	B	9.1	11:27	7.83	8.21	30.12	20.2	2.33	8	113	0.141	SE
I7	20190304	Cloudy	Light	Mid-Ebb	B	9.1	11:27	7.73	8.15	31.46	20.1	2.24	8	113	0.14	SE
I7	20190304	Cloudy	Light	Mid-Ebb	M	5.1	11:28	8.33	8.36	30.75	20.1	2.1	7	114	0.139	SE
I7	20190304	Cloudy	Light	Mid-Ebb	M	5.1	11:28	8.44	8.57	31.1	20.2	2.11	8	112	0.106	SE
I7	20190304	Cloudy	Light	Mid-Ebb	S	1	11:29	8.54	8.13	31.56	20.1	2.24	7	113	0.087	SE
I7	20190304	Cloudy	Light	Mid-Ebb	S	1	11:29	8.08	8.56	31.63	20.2	2.3	7	113	0.137	SE
I8	20190304	Cloudy	Light	Mid-Ebb	B	9.9	11:22	8.42	8.26	31.2	20.2	2.34	11	114	0.156	SE
I8	20190304	Cloudy	Light	Mid-Ebb	B	9.9	11:22	8.18	8.54	31.68	20.1	2.43	11	114	0.087	SE
I8	20190304	Cloudy	Light	Mid-Ebb	M	5.5	11:23	8.28	8.23	30.69	20.2	2.31	10	112	0.141	SE
I8	20190304	Cloudy	Light	Mid-Ebb	M	5.5	11:23	7.66	8.4	31.79	20.2	2.22	11	113	0.112	SE
I8	20190304	Cloudy	Light	Mid-Ebb	S	1	11:24	7.91	8.27	30.29	20.1	2.08	9	114	0.123	SE
I8	20190304	Cloudy	Light	Mid-Ebb	S	1	11:24	8	8.26	31.18	20.1	2.03	8	113	0.12	SE
I9	20190304	Cloudy	Light	Mid-Ebb	B	9	11:17	7.77	8.51	30.38	20.1	2.21	16	113	0.096	SE
I9	20190304	Cloudy	Light	Mid-Ebb	B	9	11:17	8.63	8.19	31.81	20.2	2.25	15	114	0.141	SE
I9	20190304	Cloudy	Light	Mid-Ebb	M	5	11:18	8.03	8.45	30.48	20.2	2.11	14	113	0.12	SE
I9	20190304	Cloudy	Light	Mid-Ebb	M	5	11:18	7.95	8.3	30.27	20.1	2.12	13	114	0.127	SE
I9	20190304	Cloudy	Light	Mid-Ebb	S	1	11:19	8.19	8.18	31.16	20.2	2.1	12	113	0.1	SE
I9	20190304	Cloudy	Light	Mid-Ebb	S	1	11:19	8.11	8.26	31.54	20.2	2.1	12	113	0.13	SE
I10	20190304	Cloudy	Light	Mid-Ebb	B	9.7	11:11	8.47	8.13	30.16	20.2	2.15	9	113	0.101	SE
I10	20190304	Cloudy	Light	Mid-Ebb	B	9.7	11:11	7.79	8.4	31.71	20.1	2.17	9	113	0.154	SE
I10	20190304	Cloudy	Light	Mid-Ebb	M	5.4	11:12	8.71	8.5	31.14	20.1	2.21	8	113	0.158	SE
I10	20190304	Cloudy	Light	Mid-Ebb	M	5.4	11:12	8.7	8.17	31.4	20.1	2.28	8	113	0.153	SE
I10	20190304	Cloudy	Light	Mid-Ebb	S	1	11:13	8.39	8.42	30.89	20.1	2.21	11	114	0.124	SE
I10	20190304	Cloudy	Light	Mid-Ebb	S	1	11:13	8.44	8.52	31.32	20.1	2.19	12	113	0.152	SE
UC1	20190304	Cloudy	Light	Mid-Flood	B	10.3	15:38	7.93	9.1	30.4	20.2	2.3	3	113	0.124	NW
UC1	20190304	Cloudy	Light	Mid-Flood	B	10.3	15:38	8.59	9.26	30.18	20.1	2.31	3	113	0.143	NW
UC1	20190304	Cloudy	Light	Mid-Flood	M	5.7	15:39	7.92	9.04	30.04	20.2	2.01	2	113	0.162	NW
UC1	20190304	Cloudy	Light	Mid-Flood	M	5.7	15:39	8.57	9.17	30.13	20.1	2.09	2	114	0.165	NW
UC1	20190304	Cloudy	Light	Mid-Flood	S	1	15:40	7.9	9.08	31.69	20.2	2.28	3	113	0.124	NW
UC1	20190304	Cloudy	Light	Mid-Flood	S	1	15:40	8.41	9.15	29.17	20.1	2.18	3	114	0.166	NW
UC2	20190304	Cloudy	Light	Mid-Flood	B	10.8	15:44	8.51	9.16	30.59	20.1	2.39	4	113	0.164	NW
UC2	20190304	Cloudy	Light	Mid-Flood	B	10.8	15:44	8.08	9.22	29.15	20.1	2.3	3	113	0.168	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
UC2	20190304	Cloudy	Light	Mid-Flood	M	5.9	15:45	8.03	8.92	29.87	20.2	2.1	5	113	0.15	NW
UC2	20190304	Cloudy	Light	Mid-Flood	M	5.9	15:45	8.13	9.14	30.9	20.2	2.02	4	112	0.164	NW
UC2	20190304	Cloudy	Light	Mid-Flood	S	1	15:46	7.92	9.25	31.49	20.1	2.24	4	112	0.148	NW
UC2	20190304	Cloudy	Light	Mid-Flood	S	1	15:46	8.15	9.08	29.28	20.2	2.14	4	112	0.113	NW
I1	20190304	Cloudy	Light	Mid-Flood	B	10.7	15:51	8.22	9.23	31.76	20.1	2.04	6	113	0.149	NW
I1	20190304	Cloudy	Light	Mid-Flood	B	10.7	15:51	8.88	9	29.87	20.2	2.14	6	114	0.148	NW
I1	20190304	Cloudy	Light	Mid-Flood	M	5.9	15:52	8.23	9.02	30.29	20.1	2.2	6	114	0.114	NW
I1	20190304	Cloudy	Light	Mid-Flood	M	5.9	15:52	8.56	9.29	29.35	20.2	2.3	6	114	0.156	NW
I1	20190304	Cloudy	Light	Mid-Flood	S	1	15:53	8.72	9.31	29.67	20.2	2.19	9	113	0.112	NW
I1	20190304	Cloudy	Light	Mid-Flood	S	1	15:53	8.73	8.94	31.14	20.2	2.18	9	113	0.157	NW
I2	20190304	Cloudy	Light	Mid-Flood	B	10	15:56	7.93	8.96	29.37	20.1	2.29	5	113	0.128	NW
I2	20190304	Cloudy	Light	Mid-Flood	B	10	15:56	8.8	9.28	31.25	20.1	2.25	5	114	0.147	NW
I2	20190304	Cloudy	Light	Mid-Flood	M	5.5	15:57	8.75	9.29	29.71	20.1	2.23	6	114	0.152	NW
I2	20190304	Cloudy	Light	Mid-Flood	M	5.5	15:57	8.87	9.15	30.22	20.2	2.21	5	114	0.148	NW
I2	20190304	Cloudy	Light	Mid-Flood	S	1	15:58	8.06	9.2	31.33	20.2	2.05	7	114	0.132	NW
I2	20190304	Cloudy	Light	Mid-Flood	S	1	15:58	8.73	9.14	30.73	20.2	1.96	8	114	0.122	NW
I3	20190304	Cloudy	Light	Mid-Flood	B	10.4	16:01	8.76	8.92	31.82	20.1	2.27	6	114	0.121	NW
I3	20190304	Cloudy	Light	Mid-Flood	B	10.4	16:01	8.47	9	31.57	20.1	2.22	7	113	0.142	NW
I3	20190304	Cloudy	Light	Mid-Flood	M	5.7	16:02	8.79	9.12	29.53	20.1	2.3	6	113	0.14	NW
I3	20190304	Cloudy	Light	Mid-Flood	M	5.7	16:02	8.3	8.93	31.71	20.1	2.29	7	114	0.158	NW
I3	20190304	Cloudy	Light	Mid-Flood	S	1	16:03	7.93	8.95	29.76	20.1	2.16	6	113	0.16	NW
I3	20190304	Cloudy	Light	Mid-Flood	S	1	16:03	8.09	8.99	29.58	20.2	2.25	7	113	0.172	NW
I4	20190304	Cloudy	Light	Mid-Flood	B	10.8	16:07	7.96	9.3	29.38	20.1	2.03	5	114	0.12	NW
I4	20190304	Cloudy	Light	Mid-Flood	B	10.8	16:07	8	9.22	31.8	20.2	2.01	6	114	0.112	NW
I4	20190304	Cloudy	Light	Mid-Flood	M	5.9	16:08	8.18	9.32	29.95	20.1	2.14	5	113	0.128	NW
I4	20190304	Cloudy	Light	Mid-Flood	M	5.9	16:08	7.86	8.94	30.78	20.1	2.11	5	114	0.122	NW
I4	20190304	Cloudy	Light	Mid-Flood	S	1	16:09	8.54	8.92	29.83	20.1	2.21	5	112	0.11	NW
I4	20190304	Cloudy	Light	Mid-Flood	S	1	16:09	8.58	8.95	29.26	20.1	2.24	5	112	0.138	NW
I5	20190304	Cloudy	Light	Mid-Flood	B	9.1	16:12	8.65	9.13	31.47	20.1	2.25	5	114	0.121	NW
I5	20190304	Cloudy	Light	Mid-Flood	B	9.1	16:12	7.88	9.04	31.87	20.1	2.19	5	112	0.107	NW
I5	20190304	Cloudy	Light	Mid-Flood	M	5.1	16:13	8.02	8.94	30.31	20.2	2.11	5	113	0.102	NW
I5	20190304	Cloudy	Light	Mid-Flood	M	5.1	16:13	8.88	8.99	30.68	20.2	2.06	4	114	0.109	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
I5	20190304	Cloudy	Light	Mid-Flood	S	1	16:14	8.01	9.29	29.99	20.1	2.06	6	113	0.161	NW
I5	20190304	Cloudy	Light	Mid-Flood	S	1	16:14	8.35	9.33	31.56	20.2	1.98	7	114	0.151	NW
I6	20190304	Cloudy	Light	Mid-Flood	B	8.8	16:39	8.76	9.26	29.8	20.2	2.18	4	114	0.139	NW
I6	20190304	Cloudy	Light	Mid-Flood	B	8.8	16:39	8.25	9.07	29.32	20.1	2.11	4	114	0.167	NW
I6	20190304	Cloudy	Light	Mid-Flood	M	4.9	16:40	8.69	9.02	30.87	20.1	2.27	4	112	0.171	NW
I6	20190304	Cloudy	Light	Mid-Flood	M	4.9	16:40	8.35	9.26	31.55	20.1	2.3	4	113	0.129	NW
I6	20190304	Cloudy	Light	Mid-Flood	S	1	16:41	8.81	9.07	29.37	20.2	2.08	5	113	0.146	NW
I6	20190304	Cloudy	Light	Mid-Flood	S	1	16:41	8.08	8.95	30.32	20.1	2.08	5	114	0.161	NW
I7	20190304	Cloudy	Light	Mid-Flood	B	9.6	16:34	8.63	9.02	31.43	20.2	2.33	5	114	0.146	NW
I7	20190304	Cloudy	Light	Mid-Flood	B	9.6	16:34	8.79	8.96	29.71	20.1	2.43	4	114	0.147	NW
I7	20190304	Cloudy	Light	Mid-Flood	M	5.3	16:35	8.76	9.16	30.21	20.1	2.08	3	114	0.148	NW
I7	20190304	Cloudy	Light	Mid-Flood	M	5.3	16:35	8.46	9.23	31.41	20.2	2.06	3	113	0.157	NW
I7	20190304	Cloudy	Light	Mid-Flood	S	1	16:36	8.42	9.04	29.4	20.2	2.13	5	114	0.115	NW
I7	20190304	Cloudy	Light	Mid-Flood	S	1	16:36	8.75	8.94	30.68	20.2	2.06	6	113	0.116	NW
I8	20190304	Cloudy	Light	Mid-Flood	B	9	16:28	8.58	9.32	31.32	20.1	2.15	7	114	0.133	NW
I8	20190304	Cloudy	Light	Mid-Flood	B	9	16:28	8.63	9.27	31.48	20.2	2.09	6	113	0.11	NW
I8	20190304	Cloudy	Light	Mid-Flood	M	5	16:29	8.33	9.2	31.78	20.1	2.21	8	113	0.139	NW
I8	20190304	Cloudy	Light	Mid-Flood	M	5	16:29	8.28	9.24	29.2	20.2	2.17	7	114	0.135	NW
I8	20190304	Cloudy	Light	Mid-Flood	S	1	16:30	8.36	9.25	31.83	20.2	2.27	6	113	0.138	NW
I8	20190304	Cloudy	Light	Mid-Flood	S	1	16:30	8.38	9.3	31.22	20.1	2.18	7	113	0.148	NW
I9	20190304	Cloudy	Light	Mid-Flood	B	9.1	16:23	7.87	9.18	30.4	20.2	2.04	6	114	0.172	NW
I9	20190304	Cloudy	Light	Mid-Flood	B	9.1	16:23	8.88	9.22	29.71	20.2	2.11	7	114	0.107	NW
I9	20190304	Cloudy	Light	Mid-Flood	M	5.1	16:24	8.32	9.29	30.57	20.1	2.17	4	114	0.142	NW
I9	20190304	Cloudy	Light	Mid-Flood	M	5.1	16:24	7.95	8.96	30.45	20.2	2.08	4	114	0.15	NW
I9	20190304	Cloudy	Light	Mid-Flood	S	1	16:25	7.89	8.92	30.53	20.1	2.38	5	113	0.109	NW
I9	20190304	Cloudy	Light	Mid-Flood	S	1	16:25	8.3	9.33	31.1	20.2	2.45	4	113	0.152	NW
I10	20190304	Cloudy	Light	Mid-Flood	B	10.1	16:18	8.28	9.02	29.58	20.1	2.26	6	113	0.146	NW
I10	20190304	Cloudy	Light	Mid-Flood	B	10.1	16:18	8.42	9.2	29.68	20.1	2.16	6	113	0.116	NW
I10	20190304	Cloudy	Light	Mid-Flood	M	5.6	16:19	7.88	9	31.21	20.1	2.27	7	113	0.148	NW
I10	20190304	Cloudy	Light	Mid-Flood	M	5.6	16:19	8.15	9.33	30.21	20.1	2.32	7	113	0.148	NW
I10	20190304	Cloudy	Light	Mid-Flood	S	1	16:20	7.96	8.99	30.15	20.1	2.25	6	114	0.151	NW
I10	20190304	Cloudy	Light	Mid-Flood	S	1	16:20	8.03	8.93	29.68	20.1	2.26	7	114	0.16	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
UC1	20190306	Cloudy	Moderate	Mid-Ebb	B	9.3	11:51	9.14	9.07	31.44	19.2	2.54	4	110	0.154	SE
UC1	20190306	Cloudy	Moderate	Mid-Ebb	B	9.3	11:51	8.8	9.16	29.95	19.5	2.73	6	110	0.149	SE
UC1	20190306	Cloudy	Moderate	Mid-Ebb	M	5.2	11:52	9.26	9.17	32.54	19.4	2.98	6	111	0.163	SE
UC1	20190306	Cloudy	Moderate	Mid-Ebb	M	5.2	11:52	9.13	9.38	32.84	19.4	3.02	5	110	0.16	SE
UC1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	11:53	8.65	9.24	31.2	19	2.59	5	110	0.138	SE
UC1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	11:53	8.83	9.38	31.23	19.5	2.6	6	110	0.172	SE
UC2	20190306	Cloudy	Moderate	Mid-Ebb	B	10.2	11:57	8.75	9.4	29.17	19.4	2.71	6	110	0.186	SE
UC2	20190306	Cloudy	Moderate	Mid-Ebb	B	10.2	11:57	8.97	9.23	32.44	19.3	2.86	4	110	0.2	SE
UC2	20190306	Cloudy	Moderate	Mid-Ebb	M	5.6	11:58	9.16	9.4	32.55	19.2	2.63	5	111	0.144	SE
UC2	20190306	Cloudy	Moderate	Mid-Ebb	M	5.6	11:58	8.66	9.03	32.48	19.5	2.67	5	110	0.143	SE
UC2	20190306	Cloudy	Moderate	Mid-Ebb	S	1	11:59	8.71	9.3	32.11	19.5	2.9	4	109	0.148	SE
UC2	20190306	Cloudy	Moderate	Mid-Ebb	S	1	11:59	8.76	9.24	31.85	19.1	2.98	5	109	0.165	SE
I1	20190306	Cloudy	Moderate	Mid-Ebb	B	9.1	12:02	8.95	9.16	32.01	19.2	2.78	3	110	0.172	SE
I1	20190306	Cloudy	Moderate	Mid-Ebb	B	9.1	12:02	8.91	9.27	29.58	19.4	2.73	4	109	0.152	SE
I1	20190306	Cloudy	Moderate	Mid-Ebb	M	5.1	12:03	9.13	9.32	29.36	19.5	2.6	4	110	0.157	SE
I1	20190306	Cloudy	Moderate	Mid-Ebb	M	5.1	12:03	8.88	9.33	32.46	19.5	2.49	3	110	0.2	SE
I1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:04	9.04	9.23	30.93	19	2.9	3	110	0.145	SE
I1	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:04	9.16	9.41	29.61	19.3	3.05	5	109	0.19	SE
I2	20190306	Cloudy	Moderate	Mid-Ebb	B	9.1	12:07	8.95	9.2	30.93	19.1	2.84	7	110	0.138	SE
I2	20190306	Cloudy	Moderate	Mid-Ebb	B	9.1	12:07	8.83	9.07	31.23	19.3	2.84	6	109	0.16	SE
I2	20190306	Cloudy	Moderate	Mid-Ebb	M	5.1	12:08	8.79	9.42	30.33	19	2.56	6	109	0.194	SE
I2	20190306	Cloudy	Moderate	Mid-Ebb	M	5.1	12:08	8.91	9.44	30.56	19.3	2.74	6	110	0.155	SE
I2	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:09	8.96	9.48	32.26	19.3	2.56	4	109	0.166	SE
I2	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:09	8.71	9.21	31.29	19.1	2.51	5	110	0.157	SE
I3	20190306	Cloudy	Moderate	Mid-Ebb	B	8.9	12:12	8.97	9.46	31.92	19.1	2.96	3	110	0.182	SE
I3	20190306	Cloudy	Moderate	Mid-Ebb	B	8.9	12:12	8.84	9.36	31.87	19.2	3.11	2	110	0.176	SE
I3	20190306	Cloudy	Moderate	Mid-Ebb	M	5	12:13	9.16	9.18	30.13	19.5	3	<2	110	0.161	SE
I3	20190306	Cloudy	Moderate	Mid-Ebb	M	5	12:13	9.19	9.46	30.48	19	2.92	2	110	0.144	SE
I3	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:14	8.94	9.32	31.19	19.5	2.93	<2	111	0.139	SE
I3	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:14	8.99	9.05	32.81	19.2	2.8	<2	110	0.152	SE
I4	20190306	Cloudy	Moderate	Mid-Ebb	B	8.4	12:18	9	9.3	30.81	19	2.84	4	110	0.159	SE
I4	20190306	Cloudy	Moderate	Mid-Ebb	B	8.4	12:18	9.27	9.02	31.7	19.3	2.95	4	110	0.168	SE

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 Intensive DCM Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
14	20190306	Cloudy	Moderate	Mid-Ebb	M	4.7	12:19	8.92	9.23	32.03	19.1	2.55	3	109	0.154	SE
14	20190306	Cloudy	Moderate	Mid-Ebb	M	4.7	12:19	9.23	9.09	32	19.1	2.54	4	110	0.194	SE
14	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:20	8.88	9.06	30.72	19	2.75	4	110	0.166	SE
14	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:20	9.19	9.13	30.46	19	2.82	3	109	0.154	SE
15	20190306	Cloudy	Moderate	Mid-Ebb	B	8.8	12:22	9.28	9.28	30.25	19	2.6	4	109	0.165	SE
15	20190306	Cloudy	Moderate	Mid-Ebb	B	8.8	12:22	8.9	9.17	30.14	19.4	2.69	3	109	0.172	SE
15	20190306	Cloudy	Moderate	Mid-Ebb	M	4.9	12:23	8.91	9.4	32.41	19.1	2.96	6	110	0.137	SE
15	20190306	Cloudy	Moderate	Mid-Ebb	M	4.9	12:23	8.99	9.04	31.23	19	2.91	6	110	0.143	SE
15	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:24	9.2	9.32	32.42	19.5	2.59	5	110	0.189	SE
15	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:24	8.88	9.27	30.72	19.3	2.65	5	110	0.154	SE
16	20190306	Cloudy	Moderate	Mid-Ebb	B	9	12:48	8.99	9.42	32.1	19.3	2.98	5	109	0.183	SE
16	20190306	Cloudy	Moderate	Mid-Ebb	B	9	12:48	8.95	9.39	32.54	19.4	3.15	4	109	0.142	SE
16	20190306	Cloudy	Moderate	Mid-Ebb	M	5	12:49	8.94	9.13	31.06	19.3	2.99	3	110	0.175	SE
16	20190306	Cloudy	Moderate	Mid-Ebb	M	5	12:49	9.02	9.35	30.7	19.4	2.9	4	110	0.15	SE
16	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:50	8.93	9.39	29.29	19.5	2.8	5	109	0.175	SE
16	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:50	9.1	9.08	32.44	19.1	2.91	3	110	0.141	SE
17	20190306	Cloudy	Moderate	Mid-Ebb	B	8.6	12:43	8.81	9.24	31.24	19.2	2.79	5	109	0.156	SE
17	20190306	Cloudy	Moderate	Mid-Ebb	B	8.6	12:43	8.87	9.13	30.27	19.5	2.79	6	110	0.159	SE
17	20190306	Cloudy	Moderate	Mid-Ebb	M	4.8	12:44	8.96	9.18	31.43	19.5	2.96	4	110	0.17	SE
17	20190306	Cloudy	Moderate	Mid-Ebb	M	4.8	12:44	9.05	9.47	31.2	19.4	2.88	4	109	0.157	SE
17	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:45	8.82	9.43	30.8	19.4	2.95	4	110	0.17	SE
17	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:45	9.02	9.48	31.89	19.1	3.13	3	109	0.192	SE
18	20190306	Cloudy	Moderate	Mid-Ebb	B	10.3	12:38	8.88	9.39	30.76	19.2	2.97	8	110	0.19	SE
18	20190306	Cloudy	Moderate	Mid-Ebb	B	10.3	12:38	9.18	9.18	29.53	19.2	2.91	6	110	0.165	SE
18	20190306	Cloudy	Moderate	Mid-Ebb	M	5.7	12:39	8.86	9.29	29.18	19	2.81	7	111	0.201	SE
18	20190306	Cloudy	Moderate	Mid-Ebb	M	5.7	12:39	8.88	9.41	29.13	19.4	2.99	6	110	0.197	SE
18	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:40	8.93	9.19	29.8	19.2	2.61	7	109	0.177	SE
18	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:40	8.99	9.16	32.73	19.3	2.76	8	109	0.168	SE
19	20190306	Cloudy	Moderate	Mid-Ebb	B	9.9	12:32	8.71	9.07	30.79	19.2	2.99	6	110	0.163	SE
19	20190306	Cloudy	Moderate	Mid-Ebb	B	9.9	12:32	8.92	9.19	29.29	19.1	3.14	6	110	0.171	SE
19	20190306	Cloudy	Moderate	Mid-Ebb	M	5.5	12:33	9.14	9.28	32.93	19	2.54	6	109	0.173	SE
19	20190306	Cloudy	Moderate	Mid-Ebb	M	5.5	12:33	9.1	9.14	31.25	19.2	2.44	6	110	0.159	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
I9	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:34	8.75	9.1	32.07	19.2	2.53	5	109	0.191	SE
I9	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:34	8.98	9.48	29.33	19.2	2.57	5	109	0.152	SE
I10	20190306	Cloudy	Moderate	Mid-Ebb	B	9	12:27	9.03	9.05	32.28	19	2.68	6	110	0.157	SE
I10	20190306	Cloudy	Moderate	Mid-Ebb	B	9	12:27	9.13	9.15	32.49	19	2.86	6	110	0.187	SE
I10	20190306	Cloudy	Moderate	Mid-Ebb	M	5	12:28	9.2	9.37	30.72	19.2	2.52	5	110	0.14	SE
I10	20190306	Cloudy	Moderate	Mid-Ebb	M	5	12:28	8.75	9.14	32.8	19.4	2.56	4	110	0.168	SE
I10	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:29	9.25	9.4	31.88	19.4	2.79	5	110	0.161	SE
I10	20190306	Cloudy	Moderate	Mid-Ebb	S	1	12:29	9.27	9.45	30.37	19.5	2.75	4	109	0.153	SE
UC1	20190306	Cloudy	Moderate	Mid-Flood	B	10.2	15:54	8.78	9.14	30.71	19.3	2.65	4	109	0.18	NW
UC1	20190306	Cloudy	Moderate	Mid-Flood	B	10.2	15:54	9.06	9.13	30.13	19.3	2.52	5	110	0.168	NW
UC1	20190306	Cloudy	Moderate	Mid-Flood	M	5.6	15:55	9.11	9.34	29.69	19	2.81	5	109	0.143	NW
UC1	20190306	Cloudy	Moderate	Mid-Flood	M	5.6	15:55	9.12	9.3	29.7	19.3	2.63	4	110	0.176	NW
UC1	20190306	Cloudy	Moderate	Mid-Flood	S	1	15:56	8.74	9.03	32.86	19	2.94	4	110	0.144	NW
UC1	20190306	Cloudy	Moderate	Mid-Flood	S	1	15:56	9.03	9.25	29.23	19.3	2.74	5	109	0.168	NW
UC2	20190306	Cloudy	Moderate	Mid-Flood	B	10.1	16:00	8.97	9.47	29.75	19.5	2.85	4	110	0.141	NW
UC2	20190306	Cloudy	Moderate	Mid-Flood	B	10.1	16:00	8.95	9.47	30.31	19	2.8	5	110	0.175	NW
UC2	20190306	Cloudy	Moderate	Mid-Flood	M	5.6	16:01	8.78	9.15	32.59	19	2.8	5	111	0.18	NW
UC2	20190306	Cloudy	Moderate	Mid-Flood	M	5.6	16:01	9.21	9.15	31.14	19.1	2.99	4	110	0.181	NW
UC2	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:02	8.71	9.42	31.06	19.3	2.6	3	110	0.172	NW
UC2	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:02	9.27	9.1	30.37	19.1	2.58	3	109	0.115	NW
I1	20190306	Cloudy	Moderate	Mid-Flood	B	9.5	16:06	8.81	9.49	32.23	19.1	2.69	6	110	0.142	NW
I1	20190306	Cloudy	Moderate	Mid-Flood	B	9.5	16:06	8.89	9.12	32.91	19	2.74	5	110	0.131	NW
I1	20190306	Cloudy	Moderate	Mid-Flood	M	5.3	16:07	8.69	9.44	31.62	19	2.7	5	110	0.176	NW
I1	20190306	Cloudy	Moderate	Mid-Flood	M	5.3	16:07	8.91	9.24	29.44	19.1	2.6	6	110	0.121	NW
I1	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:08	9.18	9.42	29.51	19.4	2.64	4	110	0.177	NW
I1	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:08	8.64	9.36	31.76	19.4	2.5	5	109	0.191	NW
I2	20190306	Cloudy	Moderate	Mid-Flood	B	10.3	16:11	9.24	9.1	31.57	19.1	2.88	5	110	0.186	NW
I2	20190306	Cloudy	Moderate	Mid-Flood	B	10.3	16:11	8.95	9.44	29.66	19.5	2.85	4	109	0.163	NW
I2	20190306	Cloudy	Moderate	Mid-Flood	M	5.7	16:12	8.88	9.36	31.56	19	2.97	4	110	0.16	NW
I2	20190306	Cloudy	Moderate	Mid-Flood	M	5.7	16:12	8.64	9.31	30.94	19.4	2.86	2	109	0.151	NW
I2	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:13	8.85	9.21	31.82	19.1	2.65	6	109	0.182	NW
I2	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:13	9.22	9.02	31.18	19.4	2.5	4	110	0.126	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
13	20190306	Cloudy	Moderate	Mid-Flood	B	9.9	16:17	8.88	9.16	30.03	19.3	2.66	6	110	0.143	NW
13	20190306	Cloudy	Moderate	Mid-Flood	B	9.9	16:17	9.25	9.05	32.01	19.2	2.46	6	109	0.142	NW
13	20190306	Cloudy	Moderate	Mid-Flood	M	5.5	16:18	8.85	9.38	31.59	19.3	2.91	4	109	0.171	NW
13	20190306	Cloudy	Moderate	Mid-Flood	M	5.5	16:18	8.64	9.37	32.02	19.1	3.07	3	110	0.15	NW
13	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:19	9.2	9.45	29.62	19.4	2.5	2	110	0.182	NW
13	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:19	9.02	9.16	30.05	19.1	2.64	3	110	0.134	NW
14	20190306	Cloudy	Moderate	Mid-Flood	B	10.7	16:22	8.72	9.22	31.7	19.5	2.8	5	111	0.133	NW
14	20190306	Cloudy	Moderate	Mid-Flood	B	10.7	16:22	8.87	9.07	30.11	19.1	2.63	6	110	0.148	NW
14	20190306	Cloudy	Moderate	Mid-Flood	M	5.9	16:23	8.84	9.46	31.38	19.5	2.66	5	110	0.182	NW
14	20190306	Cloudy	Moderate	Mid-Flood	M	5.9	16:23	8.8	9.35	31.13	19.4	2.86	6	110	0.12	NW
14	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:24	8.81	9.13	31.27	19.4	2.57	4	110	0.16	NW
14	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:24	9.02	9.17	29.11	19.5	2.49	5	110	0.156	NW
15	20190306	Cloudy	Moderate	Mid-Flood	B	9.1	16:27	9.08	9.49	30.99	19.5	2.96	5	110	0.186	NW
15	20190306	Cloudy	Moderate	Mid-Flood	B	9.1	16:27	8.74	9.15	31.59	19.1	2.76	7	110	0.154	NW
15	20190306	Cloudy	Moderate	Mid-Flood	M	5.1	16:28	8.8	9.21	29.57	19.5	2.55	4	110	0.145	NW
15	20190306	Cloudy	Moderate	Mid-Flood	M	5.1	16:28	9.04	9.27	31.58	19.1	2.52	3	108	0.182	NW
15	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:29	8.96	9.27	29.47	19.3	2.68	4	110	0.19	NW
15	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:29	8.87	9.1	31.95	19	2.83	3	110	0.184	NW
16	20190306	Cloudy	Moderate	Mid-Flood	B	9.6	16:55	8.71	9.46	30.47	19.5	2.74	4	110	0.13	NW
16	20190306	Cloudy	Moderate	Mid-Flood	B	9.6	16:55	8.9	9.05	32.8	19	2.7	3	109	0.168	NW
16	20190306	Cloudy	Moderate	Mid-Flood	M	5.3	16:56	9.18	9.29	30.32	19.2	2.52	4	109	0.139	NW
16	20190306	Cloudy	Moderate	Mid-Flood	M	5.3	16:56	8.68	9.3	29.7	19.2	2.42	5	110	0.184	NW
16	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:57	9.17	9.28	32.56	19.1	2.7	4	109	0.153	NW
16	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:57	9.24	9.03	32.81	19.5	2.59	6	110	0.161	NW
17	20190306	Cloudy	Moderate	Mid-Flood	B	10.3	16:50	8.81	9.02	31.93	19.4	2.68	5	109	0.128	NW
17	20190306	Cloudy	Moderate	Mid-Flood	B	10.3	16:50	8.71	9.2	31.7	19.3	2.84	6	110	0.182	NW
17	20190306	Cloudy	Moderate	Mid-Flood	M	5.7	16:51	9.23	9.4	32.74	19.2	2.68	4	109	0.181	NW
17	20190306	Cloudy	Moderate	Mid-Flood	M	5.7	16:51	8.69	9.34	32.1	19.3	2.79	4	110	0.173	NW
17	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:52	8.66	9.09	32.4	19.3	2.94	4	110	0.169	NW
17	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:52	8.7	9.3	31.29	19.5	2.95	2	110	0.159	NW
18	20190306	Cloudy	Moderate	Mid-Flood	B	9.4	16:44	9.02	9.06	30.48	19.1	2.53	5	110	0.174	NW
18	20190306	Cloudy	Moderate	Mid-Flood	B	9.4	16:44	8.79	9.3	30.77	19.4	2.45	5	109	0.131	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
I8	20190306	Cloudy	Moderate	Mid-Flood	M	5.2	16:45	9.25	9.3	30.59	19.4	2.51	5	110	0.14	NW
I8	20190306	Cloudy	Moderate	Mid-Flood	M	5.2	16:45	8.88	9.4	31.82	19.4	2.6	5	110	0.171	NW
I8	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:46	9.26	9.14	32.9	19	2.75	5	110	0.19	NW
I8	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:46	8.92	9.41	31.69	19.2	2.92	5	110	0.186	NW
I9	20190306	Cloudy	Moderate	Mid-Flood	B	10.7	16:37	8.9	9.11	29.92	19.2	2.87	5	109	0.178	NW
I9	20190306	Cloudy	Moderate	Mid-Flood	B	10.7	16:37	8.84	9.29	30.22	19.4	2.85	5	110	0.122	NW
I9	20190306	Cloudy	Moderate	Mid-Flood	M	5.9	16:38	8.75	9.28	29.71	19.1	2.95	4	110	0.177	NW
I9	20190306	Cloudy	Moderate	Mid-Flood	M	5.9	16:38	8.98	9.49	29.99	19.4	3.15	4	111	0.162	NW
I9	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:39	8.8	9.2	32.84	19	2.73	4	110	0.152	NW
I9	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:39	8.87	9.45	30.62	19	2.59	4	110	0.182	NW
I10	20190306	Cloudy	Moderate	Mid-Flood	B	9.9	16:32	8.95	9.04	31.08	19.1	3	3	111	0.141	NW
I10	20190306	Cloudy	Moderate	Mid-Flood	B	9.9	16:32	8.98	9.27	32.12	19.4	2.94	3	110	0.13	NW
I10	20190306	Cloudy	Moderate	Mid-Flood	M	5.5	16:33	8.78	9.42	32.03	19.1	2.94	3	109	0.151	NW
I10	20190306	Cloudy	Moderate	Mid-Flood	M	5.5	16:33	8.96	9.22	31.37	19.1	3.04	2	110	0.138	NW
I10	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:34	8.69	9.23	31.18	19	2.65	3	110	0.114	NW
I10	20190306	Cloudy	Moderate	Mid-Flood	S	1	16:34	8.92	9.35	32.76	19.4	2.56	4	108	0.154	NW
UC1	20190308	Cloudy	Light	Mid-Ebb	B	8.4	11:48	8.06	8.99	31.89	18	3.96	7	111	0.274	SE
UC1	20190308	Cloudy	Light	Mid-Ebb	B	8.4	11:48	8.36	8.93	30.63	17.9	4.12	6	113	0.299	SE
UC1	20190308	Cloudy	Light	Mid-Ebb	M	4.7	11:49	8.31	9.11	29.15	18.2	3.39	7	112	0.185	SE
UC1	20190308	Cloudy	Light	Mid-Ebb	M	4.7	11:49	7.93	8.91	31.9	18.2	3.22	7	111	0.238	SE
UC1	20190308	Cloudy	Light	Mid-Ebb	S	1	11:50	8.79	8.77	30.4	18.2	2.63	8	113	0.247	SE
UC1	20190308	Cloudy	Light	Mid-Ebb	S	1	11:50	8.16	8.82	31.05	18.2	2.65	9	112	0.269	SE
UC2	20190308	Cloudy	Light	Mid-Ebb	B	9.8	11:53	8.51	8.86	31.99	17.8	3.89	7	113	0.19	SE
UC2	20190308	Cloudy	Light	Mid-Ebb	B	9.8	11:53	8.68	9.24	31.51	18.2	3.71	8	112	0.215	SE
UC2	20190308	Cloudy	Light	Mid-Ebb	M	5.4	11:54	8.49	9.24	32.03	18.2	3.44	7	112	0.251	SE
UC2	20190308	Cloudy	Light	Mid-Ebb	M	5.4	11:54	8.47	9.11	30.87	17.8	3.63	7	112	0.294	SE
UC2	20190308	Cloudy	Light	Mid-Ebb	S	1	11:55	8.37	9.2	29.89	17.9	2.74	8	112	0.262	SE
UC2	20190308	Cloudy	Light	Mid-Ebb	S	1	11:55	7.72	8.75	31.84	18	2.75	8	113	0.226	SE
I1	20190308	Cloudy	Light	Mid-Ebb	B	9.1	11:58	8.62	9	29.16	18.2	3.55	8	112	0.216	SE
I1	20190308	Cloudy	Light	Mid-Ebb	B	9.1	11:58	8.43	9.25	31.96	18.1	3.6	9	112	0.3	SE
I1	20190308	Cloudy	Light	Mid-Ebb	M	5.1	11:59	8	9.24	30.44	17.9	3.24	7	112	0.188	SE
I1	20190308	Cloudy	Light	Mid-Ebb	M	5.1	11:59	8.08	9.07	29.68	18.1	3.16	8	112	0.17	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
I1	20190308	Cloudy	Light	Mid-Ebb	S	1	12:00	7.84	8.99	29.47	18	2.74	6	112	0.217	SE
I1	20190308	Cloudy	Light	Mid-Ebb	S	1	12:00	7.56	8.75	31.83	17.9	2.54	6	112	0.254	SE
I2	20190308	Cloudy	Light	Mid-Ebb	B	9.1	12:03	7.57	9.14	30.79	17.9	3.82	8	112	0.302	SE
I2	20190308	Cloudy	Light	Mid-Ebb	B	9.1	12:03	7.92	8.8	31.1	18	3.62	8	112	0.271	SE
I2	20190308	Cloudy	Light	Mid-Ebb	M	5.1	12:04	8.25	9.08	30.9	18.2	3.01	7	112	0.223	SE
I2	20190308	Cloudy	Light	Mid-Ebb	M	5.1	12:04	8.47	9.07	29.81	18.2	3	8	111	0.203	SE
I2	20190308	Cloudy	Light	Mid-Ebb	S	1	12:05	8.59	9.16	30.88	18.1	2.56	8	111	0.179	SE
I2	20190308	Cloudy	Light	Mid-Ebb	S	1	12:05	8.2	8.91	29.19	18.1	2.57	8	111	0.259	SE
I3	20190308	Cloudy	Light	Mid-Ebb	B	9	12:08	7.57	9.08	29.78	17.9	3.63	7	112	0.216	SE
I3	20190308	Cloudy	Light	Mid-Ebb	B	9	12:08	8.75	8.83	30.67	17.8	3.56	6	112	0.199	SE
I3	20190308	Cloudy	Light	Mid-Ebb	M	5	12:09	8.88	9.08	30.54	17.8	3.17	6	113	0.254	SE
I3	20190308	Cloudy	Light	Mid-Ebb	M	5	12:09	7.92	8.83	29.22	17.8	3.35	6	112	0.273	SE
I3	20190308	Cloudy	Light	Mid-Ebb	S	1	12:10	8.83	8.83	30.97	18.1	2.53	7	112	0.177	SE
I3	20190308	Cloudy	Light	Mid-Ebb	S	1	12:10	7.95	8.79	29.22	18.1	2.59	7	111	0.22	SE
I4	20190308	Cloudy	Light	Mid-Ebb	B	9.4	12:14	8.42	8.73	30.73	18.2	3.72	6	112	0.217	SE
I4	20190308	Cloudy	Light	Mid-Ebb	B	9.4	12:14	8.26	9.2	30.76	18	3.89	5	112	0.276	SE
I4	20190308	Cloudy	Light	Mid-Ebb	M	5.2	12:15	8.02	9.14	29.49	18.1	3.44	6	113	0.178	SE
I4	20190308	Cloudy	Light	Mid-Ebb	M	5.2	12:15	8.68	8.87	30.14	17.8	3.29	7	112	0.225	SE
I4	20190308	Cloudy	Light	Mid-Ebb	S	1	12:16	7.57	8.78	31.31	18	2.95	8	113	0.277	SE
I4	20190308	Cloudy	Light	Mid-Ebb	S	1	12:16	7.71	8.9	30.55	18.2	2.8	8	113	0.288	SE
I5	20190308	Cloudy	Light	Mid-Ebb	B	8.4	12:19	7.59	9.23	31.12	17.8	3.52	8	112	0.186	SE
I5	20190308	Cloudy	Light	Mid-Ebb	B	8.4	12:19	8.59	9.01	31.72	17.8	3.69	8	112	0.273	SE
I5	20190308	Cloudy	Light	Mid-Ebb	M	4.7	12:20	8.27	9.09	29.42	17.9	3.37	6	113	0.19	SE
I5	20190308	Cloudy	Light	Mid-Ebb	M	4.7	12:20	8.55	9.1	29.24	18	3.19	7	113	0.286	SE
I5	20190308	Cloudy	Light	Mid-Ebb	S	1	12:21	8.43	9.15	31.13	18.1	2.63	7	113	0.2	SE
I5	20190308	Cloudy	Light	Mid-Ebb	S	1	12:21	8.63	8.82	31.11	17.9	2.63	7	112	0.169	SE
I6	20190308	Cloudy	Light	Mid-Ebb	B	9.4	12:49	8.49	8.99	30.78	18.1	3.6	5	113	0.216	SE
I6	20190308	Cloudy	Light	Mid-Ebb	B	9.4	12:49	7.79	9.04	30.2	18.2	3.68	6	112	0.28	SE
I6	20190308	Cloudy	Light	Mid-Ebb	M	5.2	12:50	8.29	9.27	29.1	17.8	3.16	8	112	0.22	SE
I6	20190308	Cloudy	Light	Mid-Ebb	M	5.2	12:50	7.56	9.03	29.99	18.1	3.14	7	111	0.253	SE
I6	20190308	Cloudy	Light	Mid-Ebb	S	1	12:51	7.81	9.02	31.84	17.8	2.5	9	112	0.287	SE
I6	20190308	Cloudy	Light	Mid-Ebb	S	1	12:51	7.56	8.76	30.02	17.9	2.42	9	112	0.26	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
I7	20190308	Cloudy	Light	Mid-Ebb	B	8.8	12:44	8.6	8.94	30.82	17.8	3.83	6	112	0.17	SE
I7	20190308	Cloudy	Light	Mid-Ebb	B	8.8	12:44	8.32	9.16	30.85	18	3.8	5	112	0.274	SE
I7	20190308	Cloudy	Light	Mid-Ebb	M	4.9	12:45	7.64	9.19	30.91	18.1	3.08	6	111	0.176	SE
I7	20190308	Cloudy	Light	Mid-Ebb	M	4.9	12:45	7.58	9.13	29.37	18.2	3.05	6	111	0.277	SE
I7	20190308	Cloudy	Light	Mid-Ebb	S	1	12:46	8.13	8.78	31.03	18.2	2.57	8	112	0.172	SE
I7	20190308	Cloudy	Light	Mid-Ebb	S	1	12:46	7.75	9.02	29.76	18.1	2.47	7	111	0.261	SE
I8	20190308	Cloudy	Light	Mid-Ebb	B	10.2	12:39	7.94	8.83	30.45	18.1	3.83	7	111	0.156	SE
I8	20190308	Cloudy	Light	Mid-Ebb	B	10.2	12:39	7.76	8.8	29.96	18.2	3.96	7	110	0.298	SE
I8	20190308	Cloudy	Light	Mid-Ebb	M	5.6	12:40	7.6	8.92	29.14	17.8	3.18	6	113	0.163	SE
I8	20190308	Cloudy	Light	Mid-Ebb	M	5.6	12:40	7.9	9.16	29.11	17.9	3.12	6	112	0.281	SE
I8	20190308	Cloudy	Light	Mid-Ebb	S	1	12:41	7.89	8.95	31.11	18.1	2.91	6	113	0.234	SE
I8	20190308	Cloudy	Light	Mid-Ebb	S	1	12:41	7.59	8.88	30.68	18.2	2.9	5	112	0.21	SE
I9	20190308	Cloudy	Light	Mid-Ebb	B	9.3	12:34	8.83	8.85	30.32	17.9	3.91	5	112	0.236	SE
I9	20190308	Cloudy	Light	Mid-Ebb	B	9.3	12:34	7.86	8.98	29.59	18.2	3.71	6	112	0.222	SE
I9	20190308	Cloudy	Light	Mid-Ebb	M	5.2	12:35	8.85	8.96	30.27	18	3.16	6	110	0.184	SE
I9	20190308	Cloudy	Light	Mid-Ebb	M	5.2	12:35	8.48	9.25	31.8	17.9	2.97	6	110	0.245	SE
I9	20190308	Cloudy	Light	Mid-Ebb	S	1	12:36	8.21	9.07	31.76	17.8	2.66	6	111	0.22	SE
I9	20190308	Cloudy	Light	Mid-Ebb	S	1	12:36	8.74	9.11	30.47	18.1	2.82	7	112	0.199	SE
I10	20190308	Cloudy	Light	Mid-Ebb	B	8.4	12:29	8.54	8.95	31.12	18.1	3.54	7	110	0.213	SE
I10	20190308	Cloudy	Light	Mid-Ebb	B	8.4	12:29	8.72	8.86	29.94	17.9	3.44	8	110	0.285	SE
I10	20190308	Cloudy	Light	Mid-Ebb	M	4.7	12:30	8.22	8.98	31.71	18.1	3.1	7	111	0.16	SE
I10	20190308	Cloudy	Light	Mid-Ebb	M	4.7	12:30	7.75	8.78	31.1	18.1	3.17	7	111	0.224	SE
I10	20190308	Cloudy	Light	Mid-Ebb	S	1	12:31	8.79	9.25	31.86	18.2	2.99	4	111	0.208	SE
I10	20190308	Cloudy	Light	Mid-Ebb	S	1	12:31	8.76	8.78	29.22	17.8	2.99	5	112	0.198	SE
UC1	20190308	Cloudy	Moderate	Mid-Flood	B	9	17:26	7.73	8.78	31.05	17.9	3.89	6	110	0.146	NW
UC1	20190308	Cloudy	Moderate	Mid-Flood	B	9	17:26	8.25	9.08	29.53	17.7	4.04	6	111	0.21	NW
UC1	20190308	Cloudy	Moderate	Mid-Flood	M	5	17:27	8.57	8.96	30.8	17.7	3.45	4	111	0.252	NW
UC1	20190308	Cloudy	Moderate	Mid-Flood	M	5	17:27	8.45	8.88	30.36	17.9	3.63	5	111	0.297	NW
UC1	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:28	7.56	9.19	29.32	17.8	2.73	5	111	0.172	NW
UC1	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:28	8.22	9.1	30.97	18	2.79	5	109	0.149	NW
UC2	20190308	Cloudy	Moderate	Mid-Flood	B	10.1	17:31	8.55	9.1	30.59	17.8	3.59	4	111	0.217	NW
UC2	20190308	Cloudy	Moderate	Mid-Flood	B	10.1	17:31	7.68	8.92	29.58	17.7	3.67	5	111	0.277	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
UC2	20190308	Cloudy	Moderate	Mid-Flood	M	5.6	17:32	8.16	8.96	31.71	17.9	3.26	3	111	0.298	NW
UC2	20190308	Cloudy	Moderate	Mid-Flood	M	5.6	17:32	8.6	8.97	29.87	17.8	3.44	4	111	0.175	NW
UC2	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:33	7.58	9.12	29.66	17.7	2.89	5	111	0.237	NW
UC2	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:33	8.05	9.18	31.85	18	2.95	4	112	0.283	NW
I1	20190308	Cloudy	Moderate	Mid-Flood	B	10.7	17:37	8.77	8.88	30.07	17.9	3.51	5	112	0.15	NW
I1	20190308	Cloudy	Moderate	Mid-Flood	B	10.7	17:37	8.54	8.97	29.29	17.7	3.37	5	110	0.183	NW
I1	20190308	Cloudy	Moderate	Mid-Flood	M	5.9	17:38	7.76	9.01	31.01	17.8	3.23	3	111	0.23	NW
I1	20190308	Cloudy	Moderate	Mid-Flood	M	5.9	17:38	7.84	8.79	30.96	17.7	3.17	3	110	0.17	NW
I1	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:39	7.83	9.01	30.74	17.8	2.51	3	111	0.2	NW
I1	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:39	8.59	9.13	31.43	18	2.63	4	112	0.147	NW
I2	20190308	Cloudy	Moderate	Mid-Flood	B	10.3	17:42	8.61	9.13	30.13	17.9	3.6	7	110	0.266	NW
I2	20190308	Cloudy	Moderate	Mid-Flood	B	10.3	17:42	7.62	8.84	31.43	18	3.66	7	111	0.168	NW
I2	20190308	Cloudy	Moderate	Mid-Flood	M	5.7	17:43	8.81	8.86	29.55	18	3.12	8	110	0.287	NW
I2	20190308	Cloudy	Moderate	Mid-Flood	M	5.7	17:43	8.71	8.86	30.41	17.8	2.97	7	111	0.282	NW
I2	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:44	7.64	8.91	29.6	17.9	2.9	8	110	0.209	NW
I2	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:44	7.89	8.85	31.31	17.8	3.05	8	110	0.214	NW
I3	20190308	Cloudy	Moderate	Mid-Flood	B	10.9	17:47	7.6	9.2	29.37	17.7	3.52	6	111	0.291	NW
I3	20190308	Cloudy	Moderate	Mid-Flood	B	10.9	17:47	7.59	9.03	31.68	17.7	3.55	7	110	0.201	NW
I3	20190308	Cloudy	Moderate	Mid-Flood	M	6	17:48	7.65	8.85	31.26	18	3.07	6	111	0.303	NW
I3	20190308	Cloudy	Moderate	Mid-Flood	M	6	17:48	8.24	9.09	29.32	17.9	3.16	6	112	0.279	NW
I3	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:49	7.74	8.83	30.41	17.9	2.8	8	110	0.167	NW
I3	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:49	8.48	8.94	30.54	17.9	2.76	6	110	0.162	NW
I4	20190308	Cloudy	Moderate	Mid-Flood	B	10.4	17:52	8.31	9.18	31.23	17.9	3.55	8	111	0.285	NW
I4	20190308	Cloudy	Moderate	Mid-Flood	B	10.4	17:52	8.06	9.08	31.55	18	3.56	9	110	0.271	NW
I4	20190308	Cloudy	Moderate	Mid-Flood	M	5.7	17:53	8.4	8.79	31.6	18	3.24	5	111	0.263	NW
I4	20190308	Cloudy	Moderate	Mid-Flood	M	5.7	17:53	8.63	8.88	30.73	17.7	3.34	7	111	0.28	NW
I4	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:54	8.87	9.16	31.78	17.9	2.98	4	111	0.273	NW
I4	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:54	8.33	8.83	29.4	17.7	3.1	6	110	0.205	NW
I5	20190308	Cloudy	Moderate	Mid-Flood	B	10	17:57	8.1	9.13	30.92	18	3.7	2	111	0.209	NW
I5	20190308	Cloudy	Moderate	Mid-Flood	B	10	17:57	8.21	9.19	29.71	18	3.68	<2	111	0.266	NW
I5	20190308	Cloudy	Moderate	Mid-Flood	M	5.5	17:58	8.58	9.01	31.44	17.8	3.36	5	111	0.309	NW
I5	20190308	Cloudy	Moderate	Mid-Flood	M	5.5	17:58	8.91	9.01	31.15	18	3.37	4	111	0.16	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
I5	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:59	8.14	9.18	29.77	17.8	2.79	6	111	0.237	NW
I5	20190308	Cloudy	Moderate	Mid-Flood	S	1	17:59	8.33	9.14	30.74	17.9	2.65	7	111	0.31	NW
I6	20190308	Cloudy	Moderate	Mid-Flood	B	10	18:22	8.87	9.1	29.66	18	3.93	6	112	0.307	NW
I6	20190308	Cloudy	Moderate	Mid-Flood	B	10	18:22	8.85	8.88	29.83	17.8	4.07	6	111	0.159	NW
I6	20190308	Cloudy	Moderate	Mid-Flood	M	5.5	18:23	7.61	9.06	31.14	17.8	3.37	5	111	0.195	NW
I6	20190308	Cloudy	Moderate	Mid-Flood	M	5.5	18:23	7.55	8.83	29.47	17.9	3.25	4	111	0.236	NW
I6	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:24	8.09	9.13	30.43	17.9	2.58	4	110	0.24	NW
I6	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:24	8.03	8.87	31.33	17.9	2.4	5	111	0.207	NW
I7	20190308	Cloudy	Moderate	Mid-Flood	B	8.9	18:17	7.86	8.9	29.37	18	3.66	6	110	0.295	NW
I7	20190308	Cloudy	Moderate	Mid-Flood	B	8.9	18:17	7.88	8.96	31.32	17.7	3.81	7	110	0.242	NW
I7	20190308	Cloudy	Moderate	Mid-Flood	M	5	18:18	7.83	8.97	31.57	17.7	3.02	4	111	0.232	NW
I7	20190308	Cloudy	Moderate	Mid-Flood	M	5	18:18	8.03	8.99	31.59	17.8	2.96	5	110	0.296	NW
I7	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:19	8.27	8.9	29.1	17.8	2.79	3	112	0.212	NW
I7	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:19	8.1	8.89	29.63	18	2.85	2	111	0.258	NW
I8	20190308	Cloudy	Moderate	Mid-Flood	B	10	18:12	8.3	8.93	31.65	17.8	3.75	4	111	0.146	NW
I8	20190308	Cloudy	Moderate	Mid-Flood	B	10	18:12	8.06	8.87	29.42	18	3.87	4	112	0.209	NW
I8	20190308	Cloudy	Moderate	Mid-Flood	M	5.5	18:13	7.86	9.04	29.29	17.8	3.25	4	109	0.28	NW
I8	20190308	Cloudy	Moderate	Mid-Flood	M	5.5	18:13	7.64	8.91	29.23	17.7	3.24	5	112	0.16	NW
I8	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:14	8.75	9.03	29.59	17.9	2.8	5	110	0.194	NW
I8	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:14	8.21	8.86	30.75	18	3	6	111	0.186	NW
I9	20190308	Cloudy	Moderate	Mid-Flood	B	10.9	18:07	8.03	9.16	29.93	17.8	3.9	6	112	0.17	NW
I9	20190308	Cloudy	Moderate	Mid-Flood	B	10.9	18:07	8.41	8.89	31.07	17.7	4.02	6	110	0.151	NW
I9	20190308	Cloudy	Moderate	Mid-Flood	M	6	18:08	8.91	8.85	30.19	18	3.14	6	112	0.228	NW
I9	20190308	Cloudy	Moderate	Mid-Flood	M	6	18:08	8.19	8.88	30.77	17.7	3.1	6	113	0.239	NW
I9	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:09	8.66	8.9	29.12	17.8	2.97	5	111	0.171	NW
I9	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:09	8.21	8.78	29.38	17.9	2.9	6	112	0.249	NW
I10	20190308	Cloudy	Moderate	Mid-Flood	B	10	18:02	7.94	8.89	30.77	17.9	3.75	5	111	0.216	NW
I10	20190308	Cloudy	Moderate	Mid-Flood	B	10	18:02	8.48	8.94	31.27	18	3.61	5	110	0.298	NW
I10	20190308	Cloudy	Moderate	Mid-Flood	M	5.5	18:03	7.96	8.94	29.64	17.7	3.12	5	112	0.227	NW
I10	20190308	Cloudy	Moderate	Mid-Flood	M	5.5	18:03	7.65	9.03	31.05	17.7	3.05	4	111	0.277	NW
I10	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:04	8.3	9.17	29.81	18	2.77	8	112	0.259	NW
I10	20190308	Cloudy	Moderate	Mid-Flood	S	1	18:04	7.86	8.37	29.79	18	2.77	7	111	0.259	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
UC1	20190310	Cloudy	Moderate	Mid-Flood	B	9.8	9:19	8.6	9.16	29.75	18	3.64	6	110	0.197	NW
UC1	20190310	Cloudy	Moderate	Mid-Flood	B	9.8	9:19	8.15	9.2	31.07	17.9	3.45	7	110	0.174	NW
UC1	20190310	Cloudy	Moderate	Mid-Flood	M	5.4	9:20	8.05	8.96	31.24	18	3.16	5	112	0.145	NW
UC1	20190310	Cloudy	Moderate	Mid-Flood	M	5.4	9:20	8.48	8.83	31.13	17.8	3.13	5	111	0.11	NW
UC1	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:21	8.64	9.06	31.14	18	2.7	3	110	0.142	NW
UC1	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:21	8.73	9.18	29.98	18	2.86	4	109	0.077	NW
UC2	20190310	Cloudy	Moderate	Mid-Flood	B	9.9	9:25	8.27	8.9	31.56	18	3.78	5	110	0.108	NW
UC2	20190310	Cloudy	Moderate	Mid-Flood	B	9.9	9:25	7.67	8.8	30.47	18	3.93	4	112	0.199	NW
UC2	20190310	Cloudy	Moderate	Mid-Flood	M	5.5	9:26	8.94	9.06	29.79	17.9	3.42	6	111	0.105	NW
UC2	20190310	Cloudy	Moderate	Mid-Flood	M	5.5	9:26	8.54	8.82	29.85	18	3.59	5	111	0.153	NW
UC2	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:27	8.97	9.07	31.88	17.8	2.61	7	110	0.075	NW
UC2	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:27	8.07	9.09	31.61	18	2.75	6	111	0.126	NW
I1	20190310	Cloudy	Moderate	Mid-Flood	B	9.3	9:31	8.16	9.23	30.74	18	3.86	3	110	0.065	NW
I1	20190310	Cloudy	Moderate	Mid-Flood	B	9.3	9:31	8.42	9.17	31.03	17.8	3.9	4	110	0.073	NW
I1	20190310	Cloudy	Moderate	Mid-Flood	M	5.2	9:32	8.61	8.96	31.38	17.8	3.2	3	111	0.068	NW
I1	20190310	Cloudy	Moderate	Mid-Flood	M	5.2	9:32	8.52	9.26	31.3	18	3.19	3	111	0.098	NW
I1	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:33	8.38	9.24	30.16	17.7	2.61	3	111	0.068	NW
I1	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:33	8.35	9.19	29.9	17.7	2.68	3	111	0.146	NW
I2	20190310	Cloudy	Moderate	Mid-Flood	B	9.4	9:38	7.69	9.02	31.55	18	3.79	5	111	0.16	NW
I2	20190310	Cloudy	Moderate	Mid-Flood	B	9.4	9:38	8.84	9.04	29.92	17.7	3.76	4	112	0.137	NW
I2	20190310	Cloudy	Moderate	Mid-Flood	M	5.2	9:39	8.55	8.84	31.33	17.7	3.11	4	112	0.137	NW
I2	20190310	Cloudy	Moderate	Mid-Flood	M	5.2	9:39	7.94	8.89	30.17	17.8	3.14	5	112	0.197	NW
I2	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:40	8.42	9.14	31.4	17.9	2.53	<2	112	0.165	NW
I2	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:40	7.65	8.85	30.36	18	2.34	3	112	0.199	NW
I3	20190310	Cloudy	Moderate	Mid-Flood	B	8.9	9:44	8.78	8.88	30.74	17.8	3.92	3	111	0.067	NW
I3	20190310	Cloudy	Moderate	Mid-Flood	B	8.9	9:44	8.85	9.21	29.25	17.8	3.92	3	113	0.118	NW
I3	20190310	Cloudy	Moderate	Mid-Flood	M	5	9:45	8.77	8.98	31.12	17.7	3.37	3	111	0.154	NW
I3	20190310	Cloudy	Moderate	Mid-Flood	M	5	9:45	7.74	9.14	29.5	18	3.23	3	111	0.157	NW
I3	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:46	8.62	8.87	30.25	18	2.82	4	111	0.191	NW
I3	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:46	7.88	9.15	31.68	17.9	2.73	4	110	0.088	NW
I4	20190310	Cloudy	Moderate	Mid-Flood	B	10	9:50	8.12	9.25	31.36	17.9	3.75	4	111	0.113	NW
I4	20190310	Cloudy	Moderate	Mid-Flood	B	10	9:50	8.61	9.07	29.27	17.7	3.66	5	112	0.164	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
14	20190310	Cloudy	Moderate	Mid-Flood	M	5.5	9:51	8.88	9.09	29.12	17.9	3.02	4	111	0.062	NW
14	20190310	Cloudy	Moderate	Mid-Flood	M	5.5	9:51	8.15	9.06	31.53	17.7	2.92	4	112	0.068	NW
14	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:52	8.01	8.91	29.36	18	2.63	3	111	0.111	NW
14	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:52	8.55	9.04	30.03	17.8	2.8	3	112	0.079	NW
15	20190310	Cloudy	Moderate	Mid-Flood	B	10	9:56	7.66	8.93	31.44	17.8	3.75	3	111	0.148	NW
15	20190310	Cloudy	Moderate	Mid-Flood	B	10	9:56	8.41	8.82	30.91	17.9	3.6	2	112	0.095	NW
15	20190310	Cloudy	Moderate	Mid-Flood	M	5.5	9:57	7.84	9.02	29.66	17.8	3.47	4	112	0.138	NW
15	20190310	Cloudy	Moderate	Mid-Flood	M	5.5	9:57	8.67	9.24	29.94	17.7	3.39	3	112	0.117	NW
15	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:58	8.28	9.09	30.77	17.7	2.96	5	111	0.066	NW
15	20190310	Cloudy	Moderate	Mid-Flood	S	1	9:58	8.32	9.16	31.27	17.8	3.03	4	112	0.171	NW
16	20190310	Cloudy	Moderate	Mid-Flood	B	8.8	10:26	7.89	8.94	30.96	17.8	3.96	6	112	0.175	NW
16	20190310	Cloudy	Moderate	Mid-Flood	B	8.8	10:26	8.11	9.26	30.62	18	3.96	5	112	0.152	NW
16	20190310	Cloudy	Moderate	Mid-Flood	M	4.9	10:27	8.5	9.22	31.48	18	3.01	4	112	0.09	NW
16	20190310	Cloudy	Moderate	Mid-Flood	M	4.9	10:27	8.28	9	31.27	17.7	2.85	4	111	0.162	NW
16	20190310	Cloudy	Moderate	Mid-Flood	S	1	10:28	7.82	9.26	31.07	17.7	3	4	111	0.062	NW
16	20190310	Cloudy	Moderate	Mid-Flood	S	1	10:28	8.19	9.2	29.36	17.8	2.96	4	112	0.147	NW
17	20190310	Cloudy	Moderate	Mid-Flood	B	9.6	10:20	8.73	8.83	30.54	17.8	3.88	5	111	0.067	NW
17	20190310	Cloudy	Moderate	Mid-Flood	B	9.6	10:20	8.02	9.19	30.89	17.7	4.03	6	112	0.134	NW
17	20190310	Cloudy	Moderate	Mid-Flood	M	5.3	10:21	8.11	9.15	31.82	17.9	3.49	4	112	0.178	NW
17	20190310	Cloudy	Moderate	Mid-Flood	M	5.3	10:21	8.53	9.18	31.81	18	3.61	5	112	0.149	NW
17	20190310	Cloudy	Moderate	Mid-Flood	S	1	10:22	8.54	9.19	31.6	18	2.78	2	113	0.18	NW
17	20190310	Cloudy	Moderate	Mid-Flood	S	1	10:22	8.14	8.99	29.64	17.9	2.81	2	111	0.196	NW
18	20190310	Cloudy	Moderate	Mid-Flood	B	10.1	10:14	7.97	9.2	31.59	17.9	3.62	5	111	0.063	NW
18	20190310	Cloudy	Moderate	Mid-Flood	B	10.1	10:14	8.35	8.95	30.45	17.7	3.54	6	112	0.154	NW
18	20190310	Cloudy	Moderate	Mid-Flood	M	5.6	10:15	8.96	8.83	31.51	17.8	3.12	5	111	0.175	NW
18	20190310	Cloudy	Moderate	Mid-Flood	M	5.6	10:15	7.83	8.83	29.56	17.7	2.99	6	112	0.102	NW
18	20190310	Cloudy	Moderate	Mid-Flood	S	1	10:16	8.69	8.83	29.07	17.7	2.7	3	111	0.088	NW
18	20190310	Cloudy	Moderate	Mid-Flood	S	1	10:16	8.67	8.98	30.63	17.9	2.73	4	112	0.091	NW
19	20190310	Cloudy	Moderate	Mid-Flood	B	9.7	10:08	8.04	9.14	30.17	17.8	3.5	3	112	0.087	NW
19	20190310	Cloudy	Moderate	Mid-Flood	B	9.7	10:08	8.9	9.14	29.11	17.8	3.49	4	112	0.087	NW
19	20190310	Cloudy	Moderate	Mid-Flood	M	5.4	10:09	8.4	8.91	31.66	17.8	3.5	3	112	0.16	NW
19	20190310	Cloudy	Moderate	Mid-Flood	M	5.4	10:09	7.72	8.84	30.11	17.7	3.53	4	111	0.177	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
I9	20190310	Cloudy	Moderate	Mid-Flood	S	1	10:10	8.96	9.23	30.73	17.9	2.96	3	111	0.182	NW
I9	20190310	Cloudy	Moderate	Mid-Flood	S	1	10:10	8.46	9.24	29.5	17.9	2.92	2	112	0.184	NW
I10	20190310	Cloudy	Moderate	Mid-Flood	B	9.5	10:02	8.37	8.98	30.33	17.7	3.92	4	112	0.12	NW
I10	20190310	Cloudy	Moderate	Mid-Flood	B	9.5	10:02	8.18	9.14	30.89	18	3.87	4	112	0.129	NW
I10	20190310	Cloudy	Moderate	Mid-Flood	M	5.3	10:03	8.8	9.01	30.36	18	3.22	4	112	0.175	NW
I10	20190310	Cloudy	Moderate	Mid-Flood	M	5.3	10:03	8.39	9.21	29.13	18	3.36	3	111	0.063	NW
I10	20190310	Cloudy	Moderate	Mid-Flood	S	1	10:04	8.2	8.99	31.74	17.7	2.82	6	112	0.18	NW
I10	20190310	Cloudy	Moderate	Mid-Flood	S	1	10:04	8.82	9.26	29.16	17.9	2.84	5	112	0.146	NW
UC1	20190310	Cloudy	Moderate	Mid-Ebb	B	8.6	13:30	7.7	8.98	30.98	17.4	3.76	4	112	0.218	SE
UC1	20190310	Cloudy	Moderate	Mid-Ebb	B	8.6	13:30	8.7	9.05	31.02	17.3	3.8	5	112	0.147	SE
UC1	20190310	Cloudy	Moderate	Mid-Ebb	M	4.8	13:31	8.41	8.86	30.54	17.6	3.23	3	112	0.166	SE
UC1	20190310	Cloudy	Moderate	Mid-Ebb	M	4.8	13:31	8.83	9.23	31.76	18.1	3.33	4	112	0.266	SE
UC1	20190310	Cloudy	Moderate	Mid-Ebb	S	1	13:32	8.02	9.2	31.05	18	2.96	3	111	0.215	SE
UC1	20190310	Cloudy	Moderate	Mid-Ebb	S	1	13:32	8.14	8.83	29.17	17.7	3.13	4	112	0.139	SE
UC2	20190310	Cloudy	Moderate	Mid-Ebb	B	9.5	13:36	8.95	8.92	31.53	17.4	3.79	4	112	0.177	SE
UC2	20190310	Cloudy	Moderate	Mid-Ebb	B	9.5	13:36	8.27	9.22	29.48	18.1	3.75	4	112	0.222	SE
UC2	20190310	Cloudy	Moderate	Mid-Ebb	M	5.3	13:37	8.91	9.23	31.08	17.5	3.48	4	112	0.117	SE
UC2	20190310	Cloudy	Moderate	Mid-Ebb	M	5.3	13:37	8.26	8.87	30.91	17.3	3.62	2	111	0.202	SE
UC2	20190310	Cloudy	Moderate	Mid-Ebb	S	1	13:38	8.37	9.23	30.73	17.4	2.62	7	112	0.112	SE
UC2	20190310	Cloudy	Moderate	Mid-Ebb	S	1	13:38	8.63	9.2	30.38	17.6	2.77	7	111	0.097	SE
I1	20190310	Cloudy	Moderate	Mid-Ebb	B	8.8	13:42	8.93	9.26	31.69	17.5	3.64	3	111	0.283	SE
I1	20190310	Cloudy	Moderate	Mid-Ebb	B	8.8	13:42	7.79	9.11	31.78	17.7	3.51	<2	112	0.271	SE
I1	20190310	Cloudy	Moderate	Mid-Ebb	M	4.9	13:43	7.93	9.24	29.17	18.1	3.39	4	112	0.225	SE
I1	20190310	Cloudy	Moderate	Mid-Ebb	M	4.9	13:43	7.94	9.18	31.01	17.9	3.52	4	112	0.18	SE
I1	20190310	Cloudy	Moderate	Mid-Ebb	S	1	13:44	8.92	9.14	31.11	17.5	2.62	5	111	0.116	SE
I1	20190310	Cloudy	Moderate	Mid-Ebb	S	1	13:44	7.78	9.13	31.75	17.4	2.55	6	111	0.272	SE
I2	20190310	Cloudy	Moderate	Mid-Ebb	B	8.7	13:48	8.77	9.11	31.25	17.8	3.82	7	112	0.264	SE
I2	20190310	Cloudy	Moderate	Mid-Ebb	B	8.7	13:48	8.38	8.84	30.85	17.4	4	6	114	0.178	SE
I2	20190310	Cloudy	Moderate	Mid-Ebb	M	4.9	13:49	8.48	9.09	31.22	17.9	3.25	6	111	0.154	SE
I2	20190310	Cloudy	Moderate	Mid-Ebb	M	4.9	13:49	8.73	8.94	30.94	18	3.3	5	112	0.288	SE
I2	20190310	Cloudy	Moderate	Mid-Ebb	S	1	13:50	7.9	8.93	30.93	17.2	2.55	4	112	0.281	SE
I2	20190310	Cloudy	Moderate	Mid-Ebb	S	1	13:50	7.9	9.13	29.16	17.8	2.47	4	111	0.141	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
13	20190310	Cloudy	Moderate	Mid-Ebb	B	9.1	13:54	7.94	9.11	30.1	18.1	3.99	4	113	0.298	SE
13	20190310	Cloudy	Moderate	Mid-Ebb	B	9.1	13:54	8.22	9.02	31.34	17.8	4.18	4	113	0.267	SE
13	20190310	Cloudy	Moderate	Mid-Ebb	M	5.1	13:55	8.63	9	31.25	17.9	3.27	4	114	0.23	SE
13	20190310	Cloudy	Moderate	Mid-Ebb	M	5.1	13:55	8.13	9.17	29.79	17.4	3.46	5	113	0.286	SE
13	20190310	Cloudy	Moderate	Mid-Ebb	S	1	13:56	7.92	9.07	30.61	17.3	2.88	5	113	0.26	SE
13	20190310	Cloudy	Moderate	Mid-Ebb	S	1	13:56	8.03	9.12	30.63	17.8	2.73	6	113	0.198	SE
14	20190310	Cloudy	Moderate	Mid-Ebb	B	8.4	14:00	8.55	9.13	30.39	18.1	3.57	4	113	0.232	SE
14	20190310	Cloudy	Moderate	Mid-Ebb	B	8.4	14:00	8.16	9.26	31.85	18.2	3.6	5	113	0.294	SE
14	20190310	Cloudy	Moderate	Mid-Ebb	M	4.7	14:01	8.91	9.13	31.52	17.8	3.15	3	113	0.197	SE
14	20190310	Cloudy	Moderate	Mid-Ebb	M	4.7	14:01	7.88	9.15	30.97	18.1	3.13	4	112	0.219	SE
14	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:02	7.75	9.12	29.07	17.2	2.81	3	114	0.101	SE
14	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:02	7.79	9.14	29.66	17.7	2.87	4	114	0.247	SE
15	20190310	Cloudy	Moderate	Mid-Ebb	B	8.7	14:06	8.46	8.9	31.71	18.1	3.87	4	114	0.28	SE
15	20190310	Cloudy	Moderate	Mid-Ebb	B	8.7	14:06	8.96	9.06	30.03	17.3	3.74	6	113	0.264	SE
15	20190310	Cloudy	Moderate	Mid-Ebb	M	4.9	14:07	8.65	9.09	30.65	17.3	3.17	4	113	0.13	SE
15	20190310	Cloudy	Moderate	Mid-Ebb	M	4.9	14:07	8.24	9.05	30.69	17.9	2.99	4	113	0.18	SE
15	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:08	8.22	9.07	30.22	17.6	2.86	4	113	0.226	SE
15	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:08	8.06	8.97	30.2	18.1	2.71	3	114	0.203	SE
16	20190310	Cloudy	Moderate	Mid-Ebb	B	9.5	14:37	8.38	9.13	30.13	17.3	3.56	4	114	0.185	SE
16	20190310	Cloudy	Moderate	Mid-Ebb	B	9.5	14:37	8.65	9.21	30.05	17.7	3.44	4	112	0.111	SE
16	20190310	Cloudy	Moderate	Mid-Ebb	M	5.3	14:38	8.88	9.02	31.23	17.5	3.02	3	112	0.181	SE
16	20190310	Cloudy	Moderate	Mid-Ebb	M	5.3	14:38	8.25	9.19	29.33	17.2	3.09	4	113	0.299	SE
16	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:39	7.99	9.04	29.81	17.7	2.67	4	112	0.184	SE
16	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:39	8.97	9.09	29.09	18	2.7	5	113	0.195	SE
17	20190310	Cloudy	Moderate	Mid-Ebb	B	9	14:31	8.01	8.84	31.9	17.7	3.71	8	113	0.225	SE
17	20190310	Cloudy	Moderate	Mid-Ebb	B	9	14:31	7.85	9	29.47	18	3.86	8	113	0.137	SE
17	20190310	Cloudy	Moderate	Mid-Ebb	M	5	14:32	8.66	8.99	30.69	18.2	3.24	5	113	0.254	SE
17	20190310	Cloudy	Moderate	Mid-Ebb	M	5	14:32	8.72	9.14	30.07	17.5	3.34	6	112	0.099	SE
17	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:33	8.43	9.2	31.09	18.2	2.57	4	112	0.142	SE
17	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:33	8.68	9.18	31.16	17.5	2.73	4	112	0.12	SE
18	20190310	Cloudy	Moderate	Mid-Ebb	B	8.9	14:25	7.91	8.8	29.92	17.4	3.53	8	113	0.274	SE
18	20190310	Cloudy	Moderate	Mid-Ebb	B	8.9	14:25	7.98	8.87	31.77	17.6	3.56	7	113	0.25	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level ^{note 1}	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) ^{Note 3}	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
I8	20190310	Cloudy	Moderate	Mid-Ebb	M	5	14:26	7.9	8.89	30.68	17.9	3.31	6	113	0.224	SE
I8	20190310	Cloudy	Moderate	Mid-Ebb	M	5	14:26	7.78	9.23	29.53	17.3	3.36	7	113	0.261	SE
I8	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:27	8.88	9.19	30.91	17.4	2.66	6	112	0.272	SE
I8	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:27	8.25	9.07	31.34	17.6	2.56	7	113	0.234	SE
I9	20190310	Cloudy	Moderate	Mid-Ebb	B	9.7	14:19	8.45	9.26	31.46	17.9	3.87	9	113	0.226	SE
I9	20190310	Cloudy	Moderate	Mid-Ebb	B	9.7	14:19	8	9.17	31.45	18.1	3.76	8	113	0.124	SE
I9	20190310	Cloudy	Moderate	Mid-Ebb	M	5.4	14:20	8.41	8.98	31.46	17.4	3.03	8	114	0.258	SE
I9	20190310	Cloudy	Moderate	Mid-Ebb	M	5.4	14:20	8.15	8.88	31.58	18.2	2.86	8	114	0.192	SE
I9	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:21	7.95	8.8	30.46	17.7	2.57	7	112	0.284	SE
I9	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:21	7.71	9.24	30.69	17.3	2.39	7	113	0.133	SE
I10	20190310	Cloudy	Moderate	Mid-Ebb	B	9.1	14:13	8.85	9.01	29.74	17.6	3.54	7	114	0.096	SE
I10	20190310	Cloudy	Moderate	Mid-Ebb	B	9.1	14:13	8.48	8.91	30.45	18	3.67	6	113	0.152	SE
I10	20190310	Cloudy	Moderate	Mid-Ebb	M	5.1	14:14	8.5	9.04	30.13	17.5	3.26	5	114	0.235	SE
I10	20190310	Cloudy	Moderate	Mid-Ebb	M	5.1	14:14	8.68	9.27	29.22	18	3.3	6	114	0.278	SE
I10	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:15	8.29	9.09	30.95	17.2	2.53	3	114	0.186	SE
I10	20190310	Cloudy	Moderate	Mid-Ebb	S	1	14:15	7.67	9.11	30.67	17.2	2.57	4	113	0.234	SE

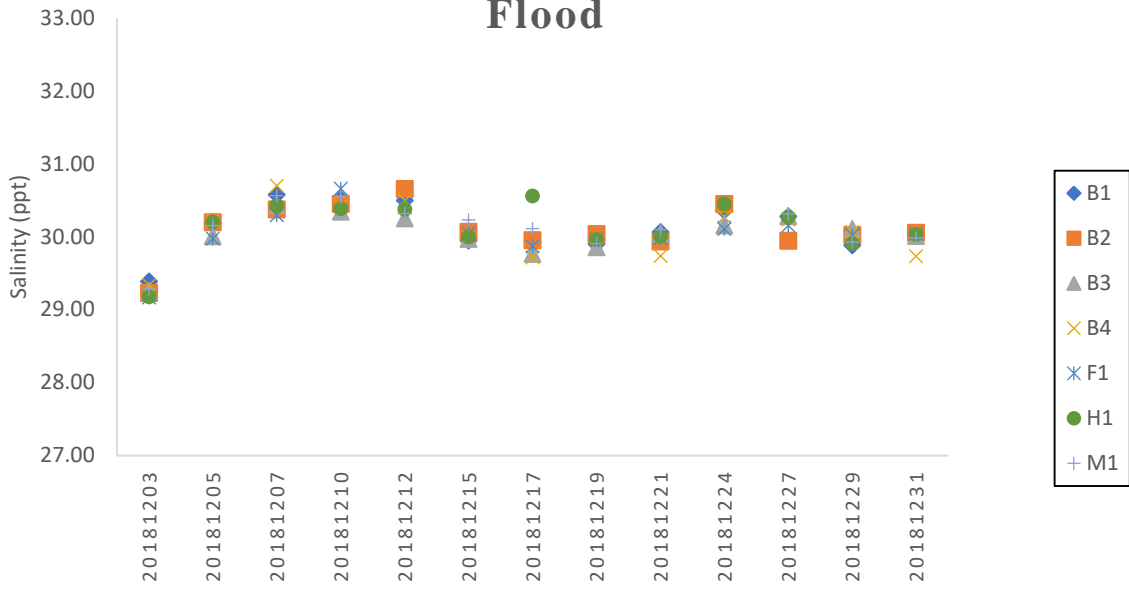
Remarks:

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

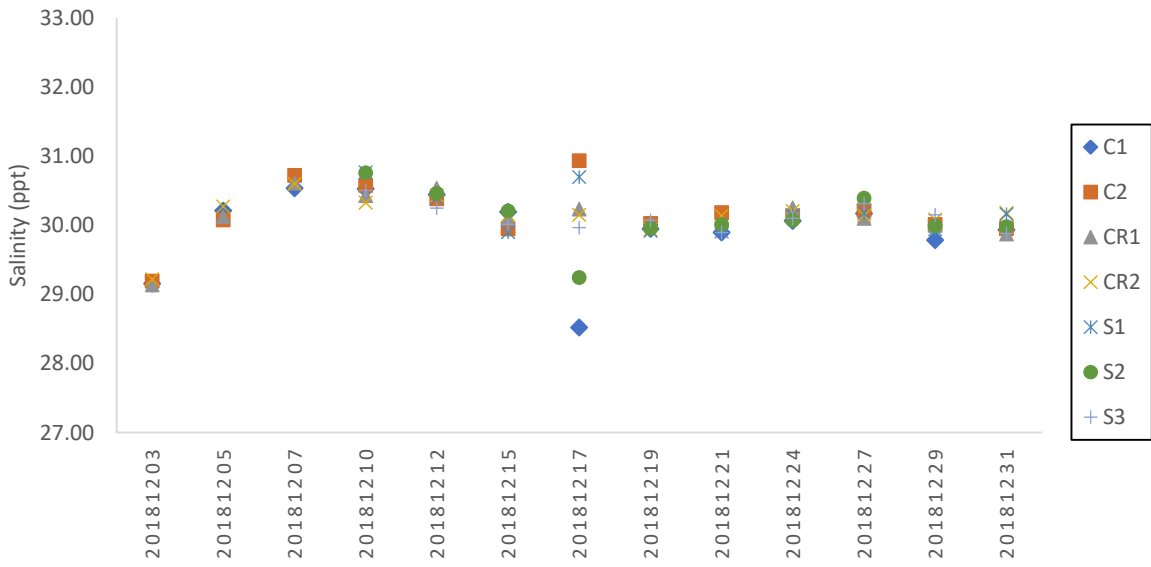
note 2: Cancelled due to container leakage.

note 3: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.

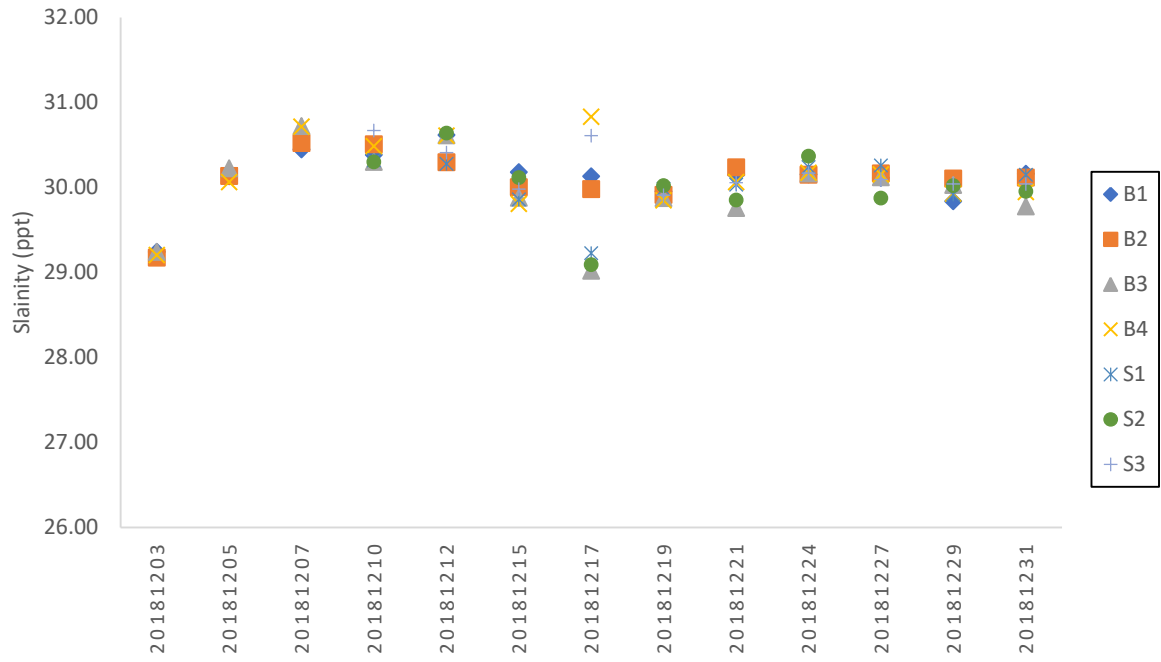
Salinity (Depth-averaged) during Mid-Flood



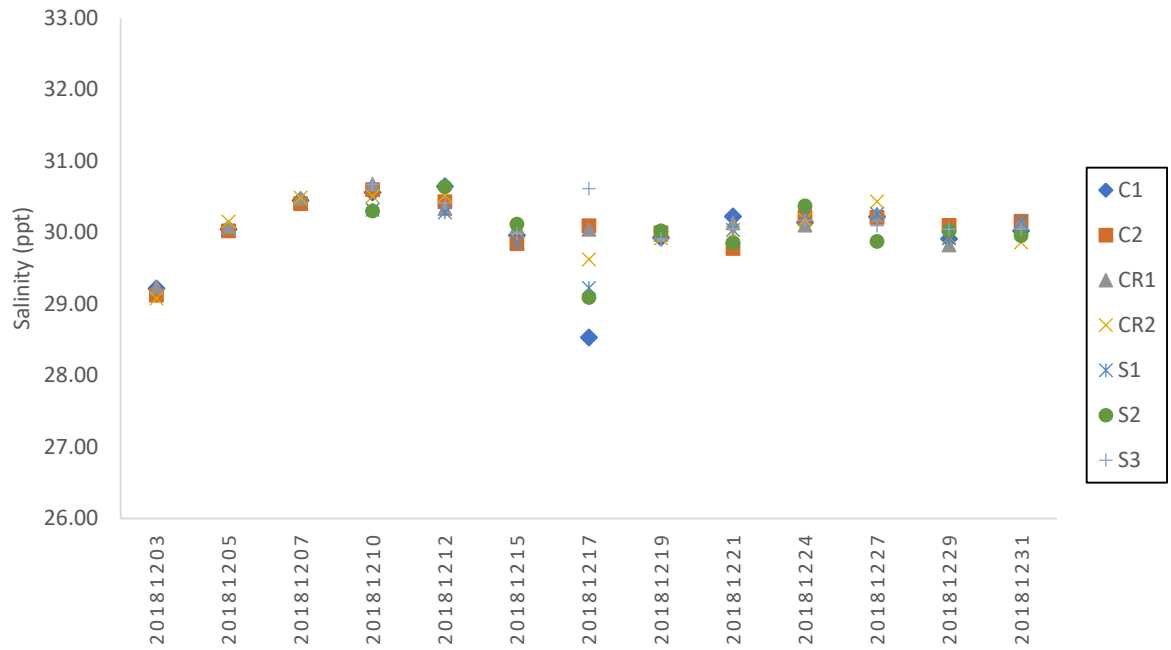
Salinity (Depth-averaged) during Mid-Flood

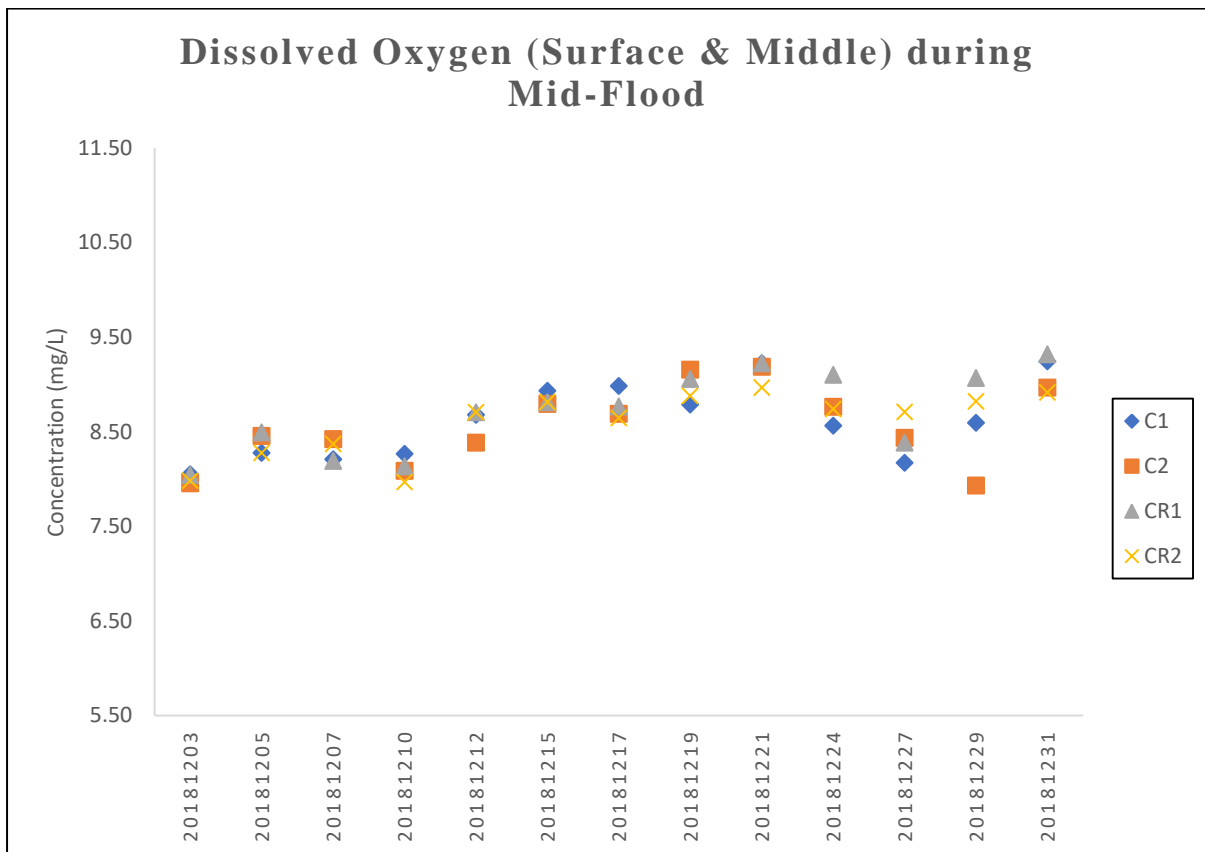
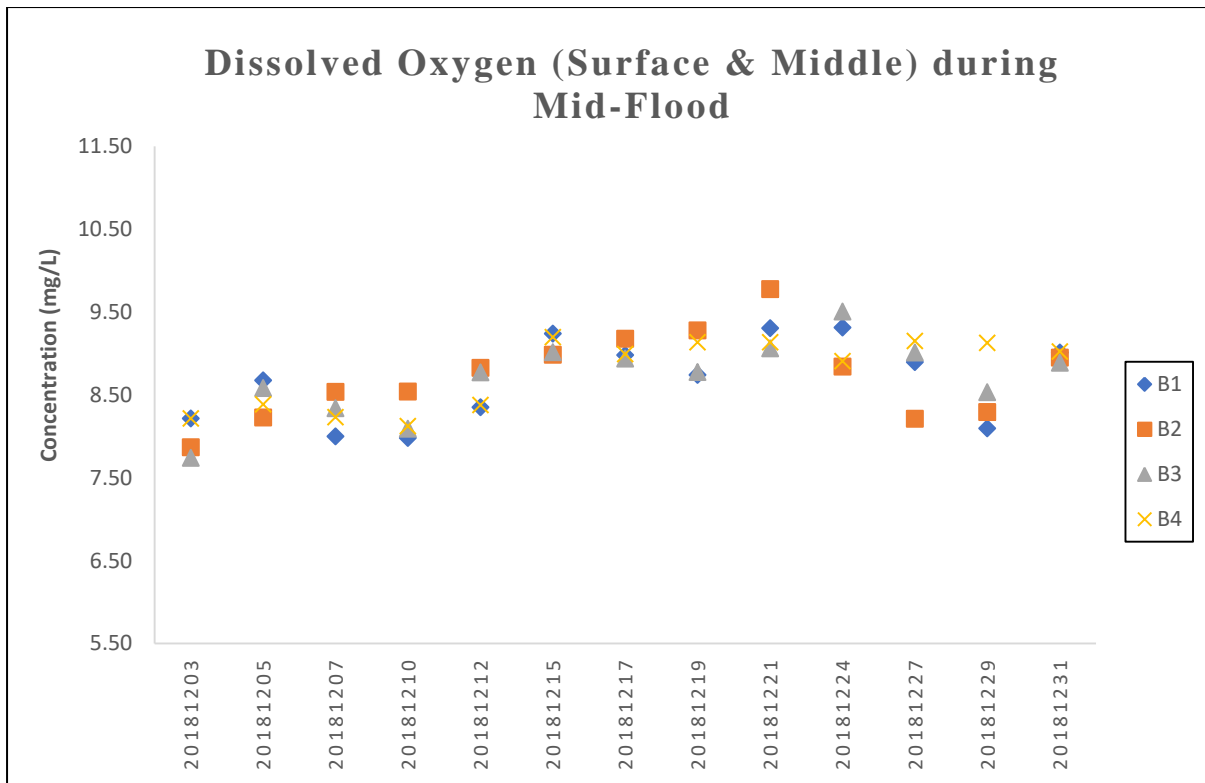


Salinity (Depth-averaged) during Mid-Ebb

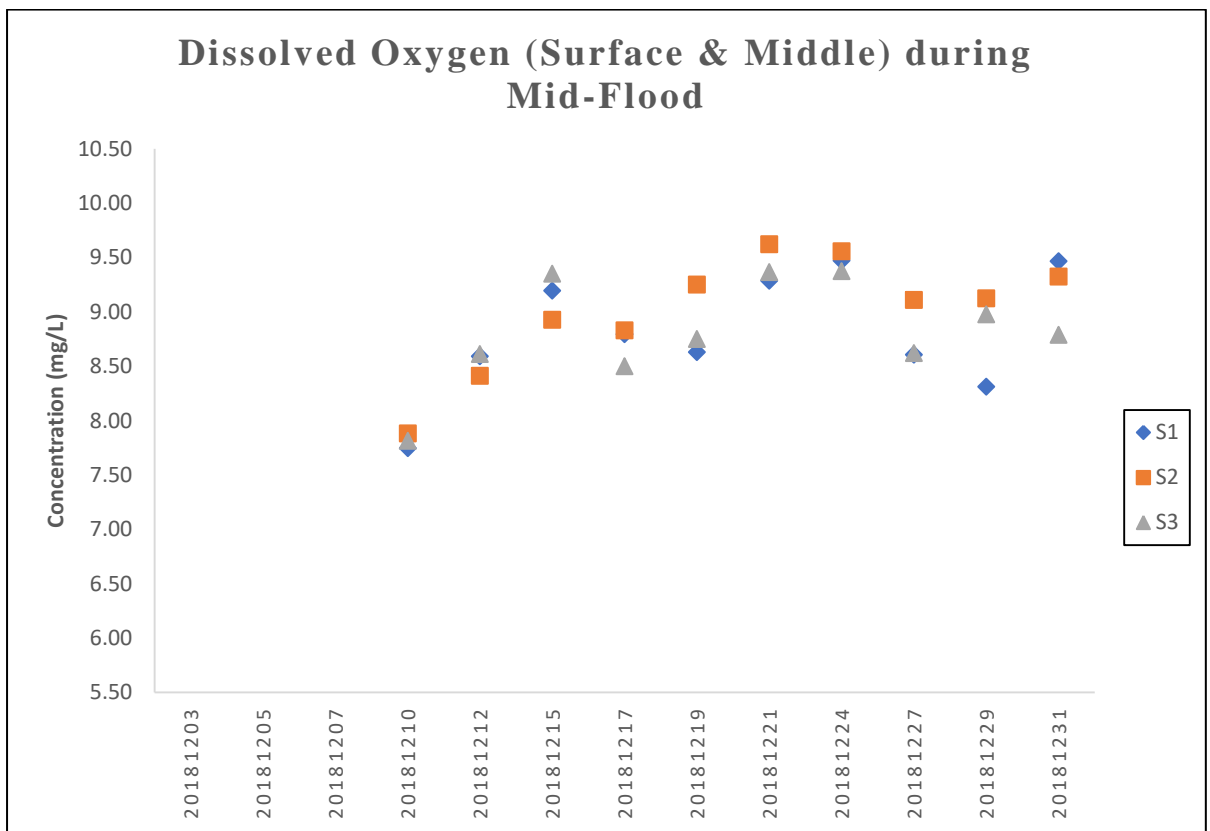
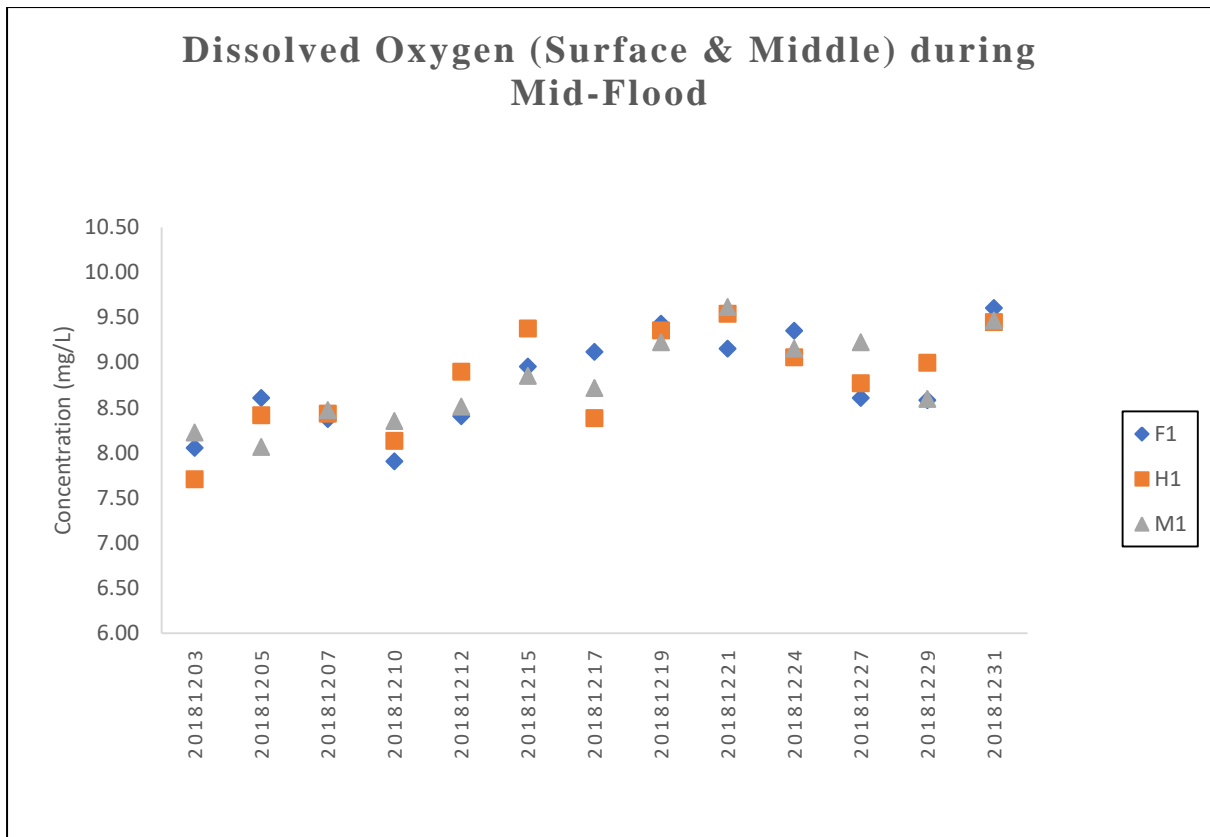


Salinity (Depth-averaged) during Mid-Ebb

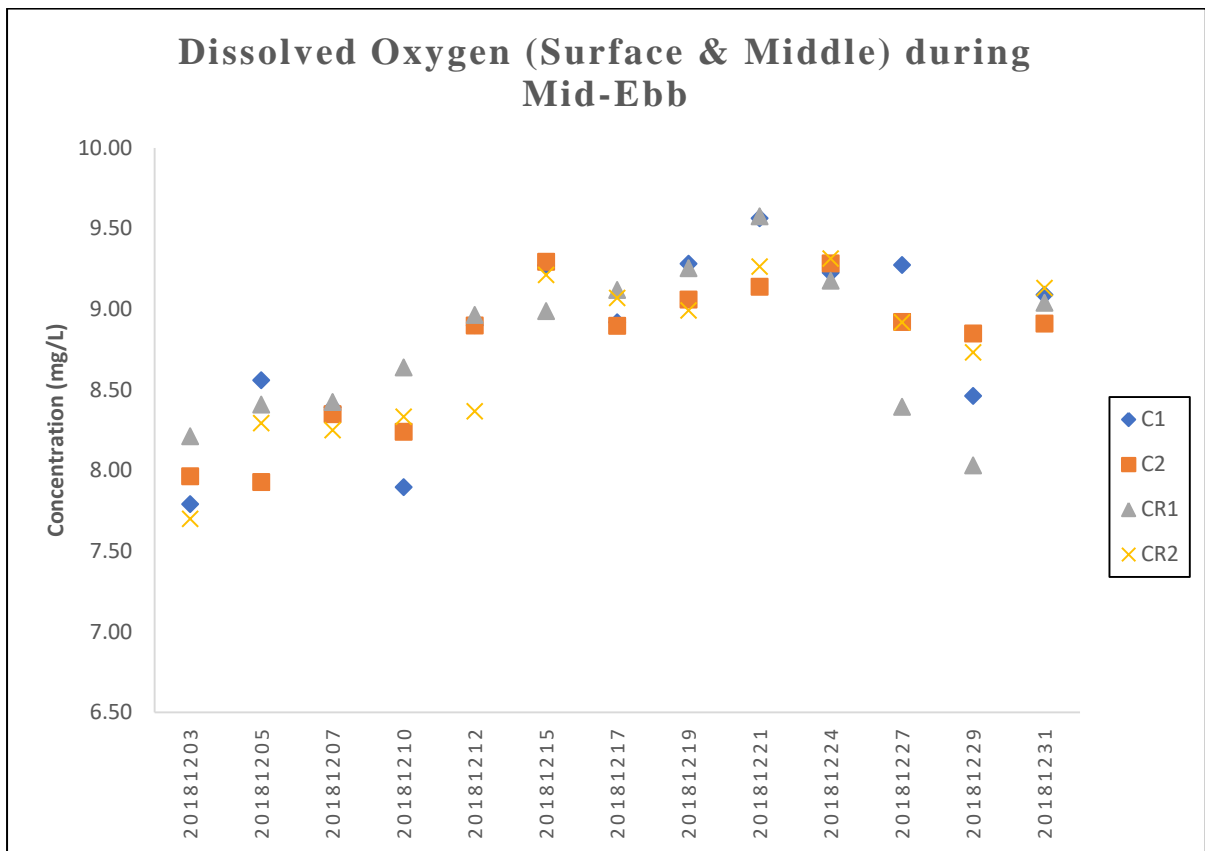
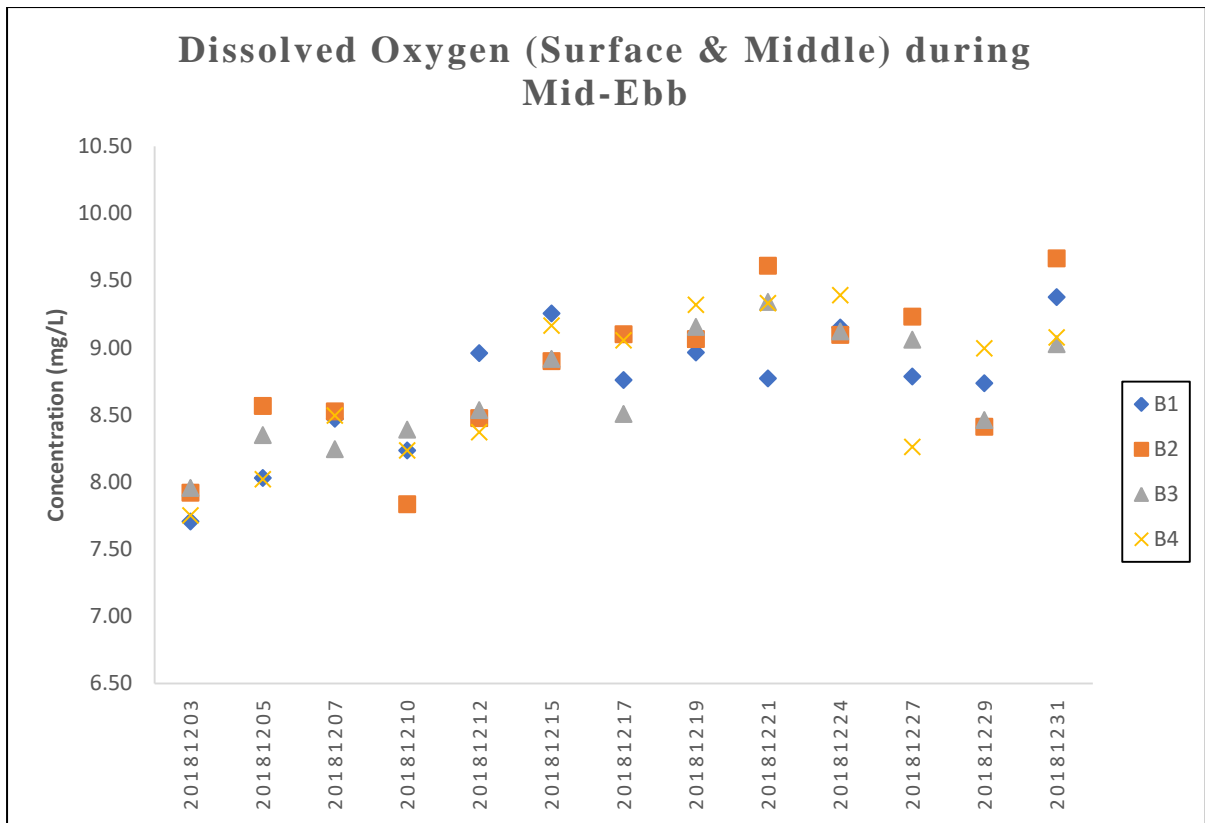




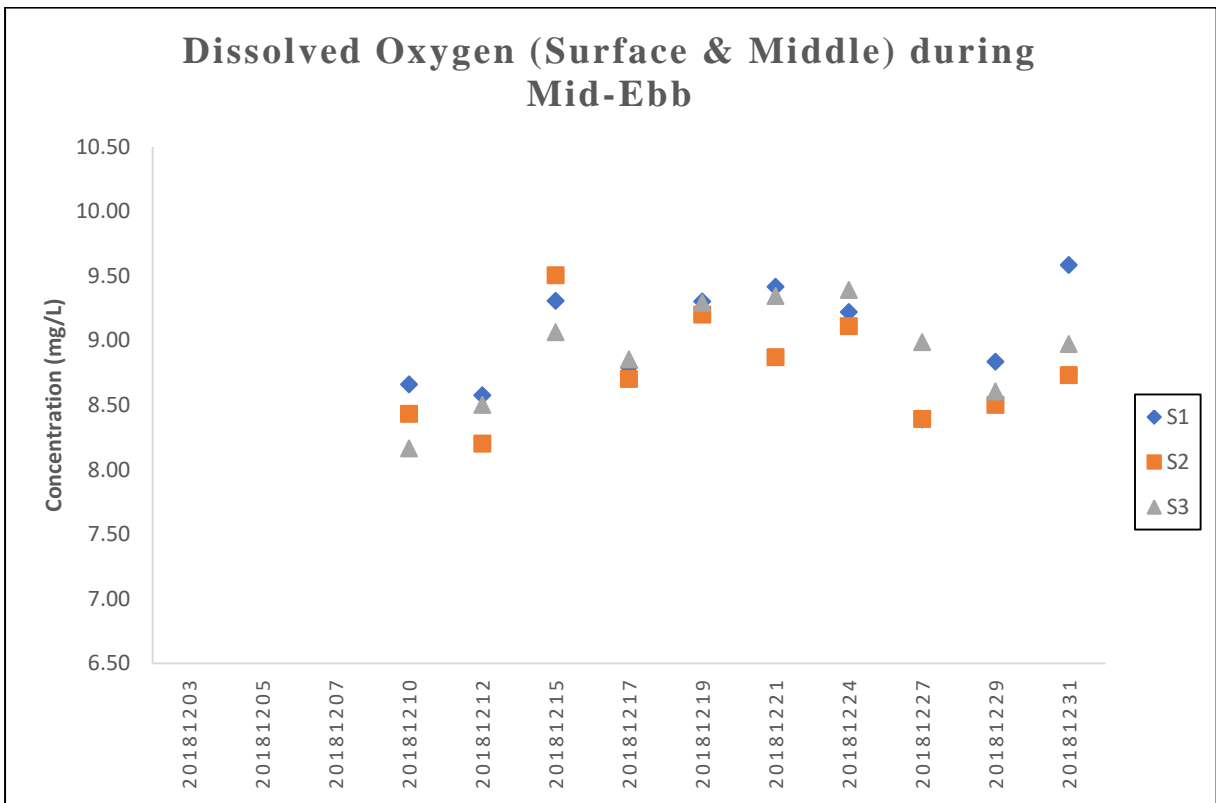
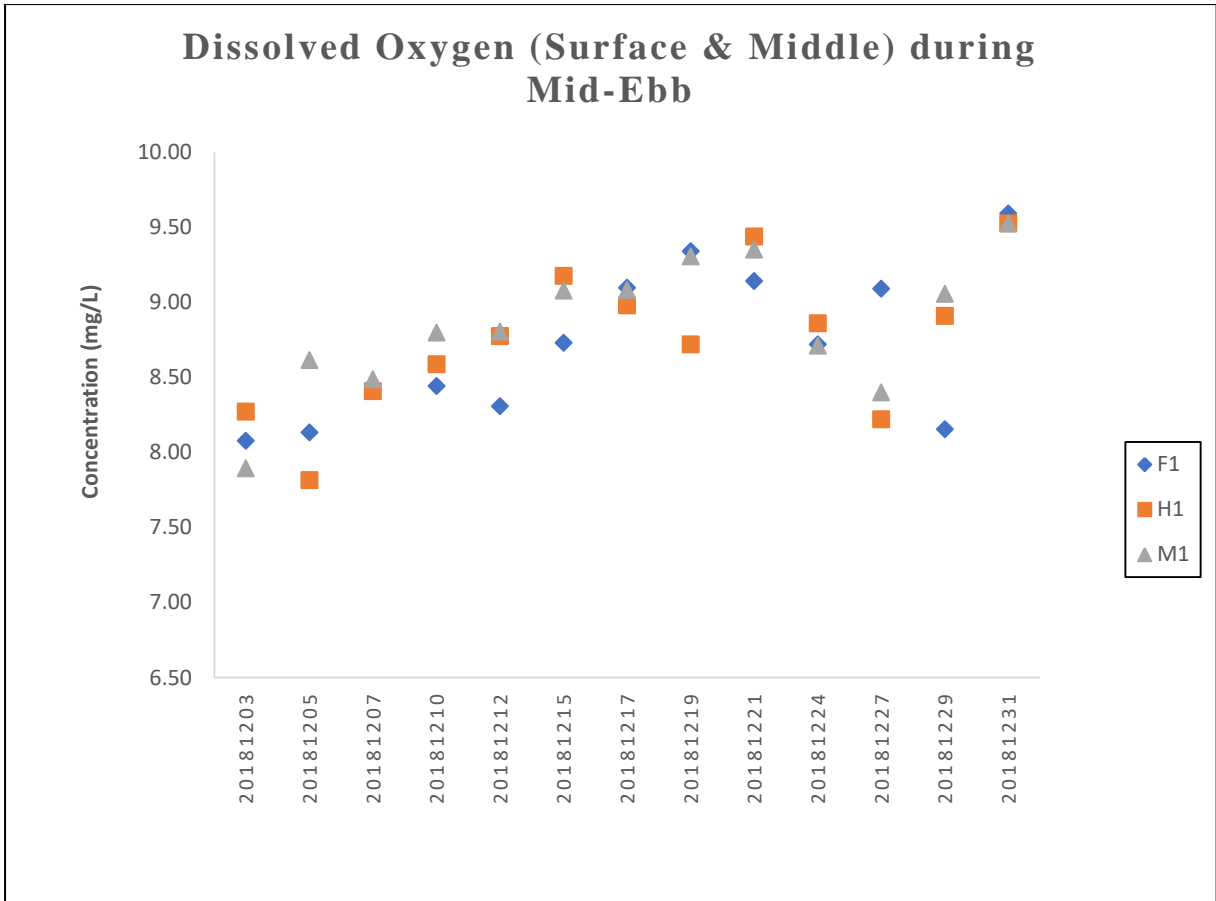
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



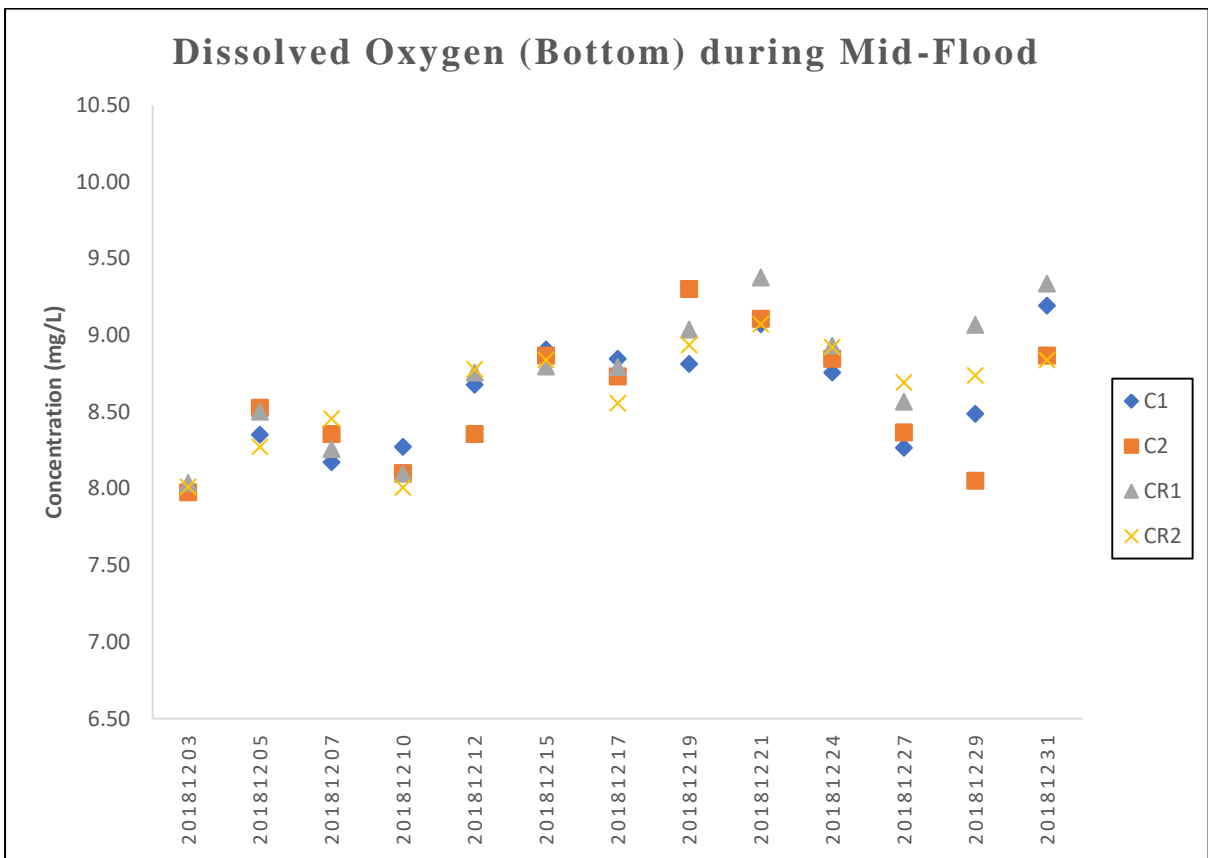
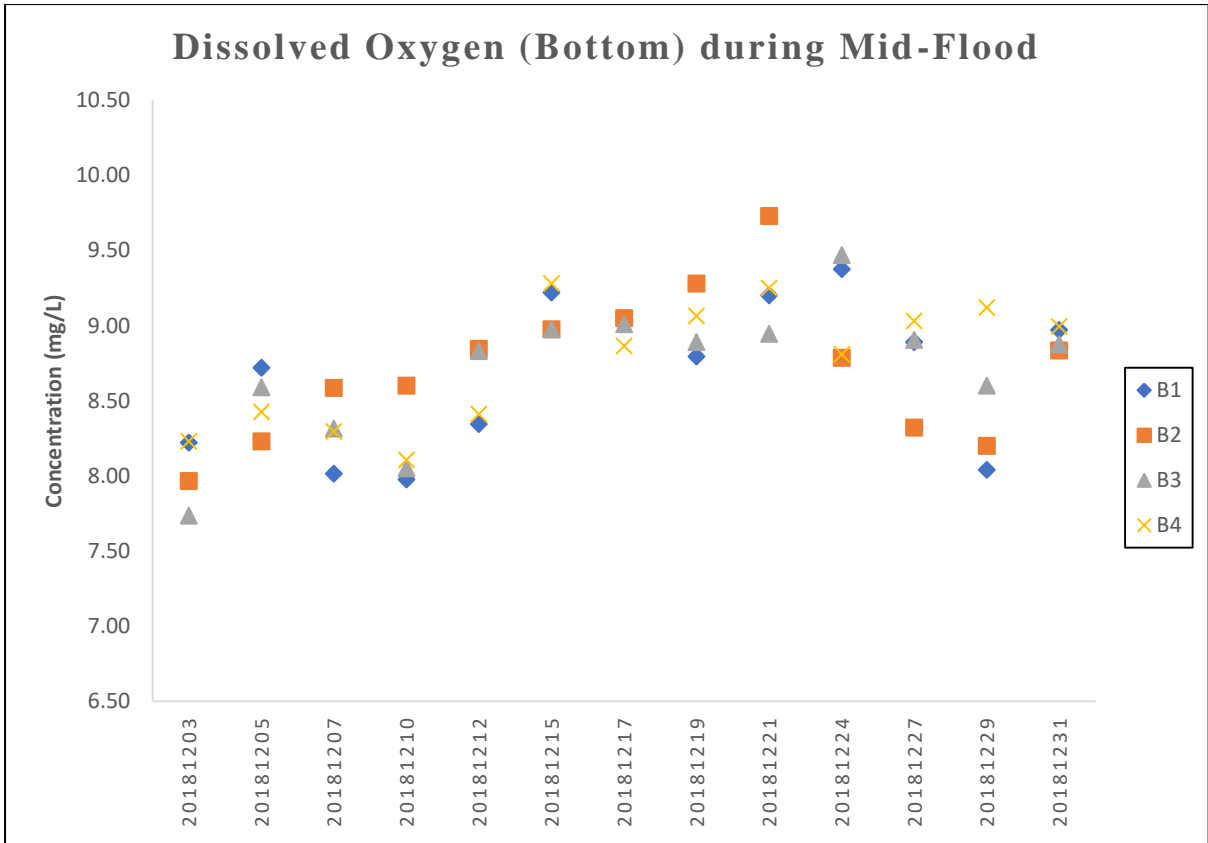
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



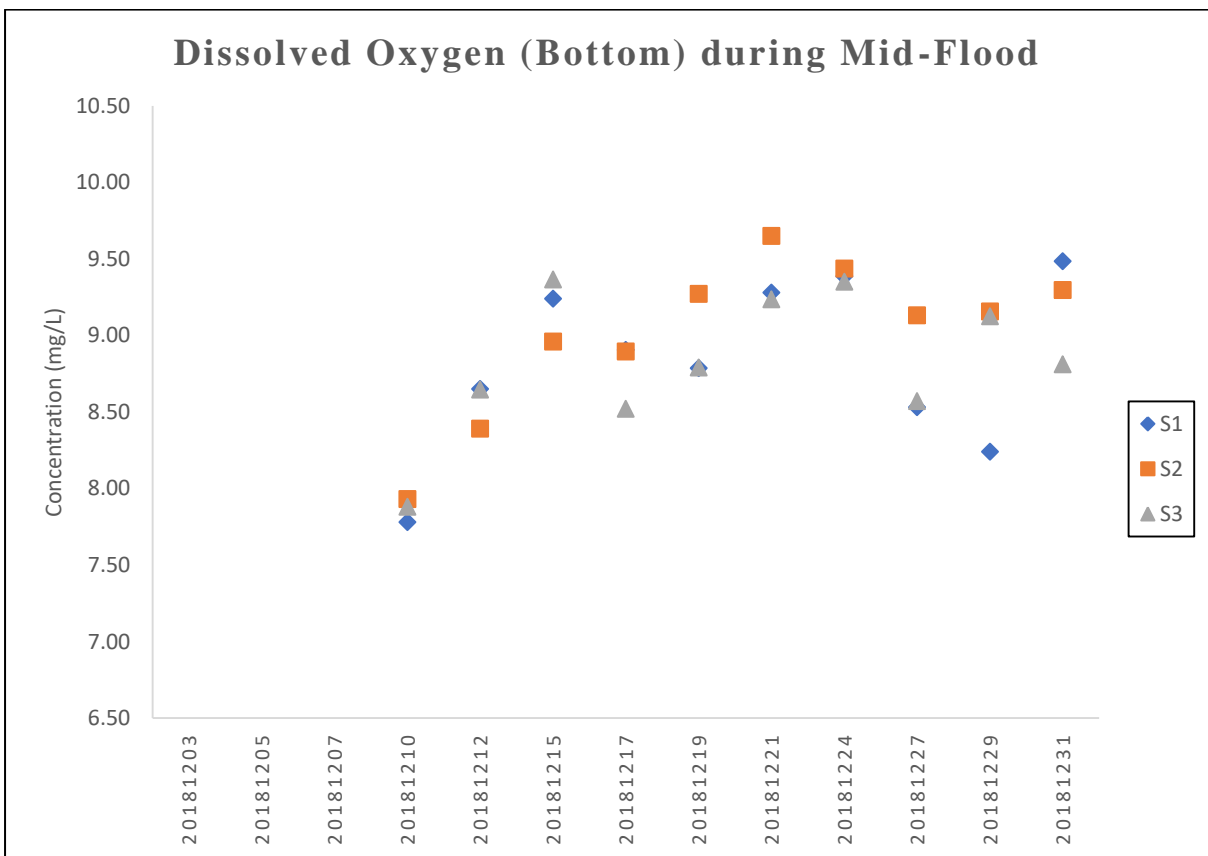
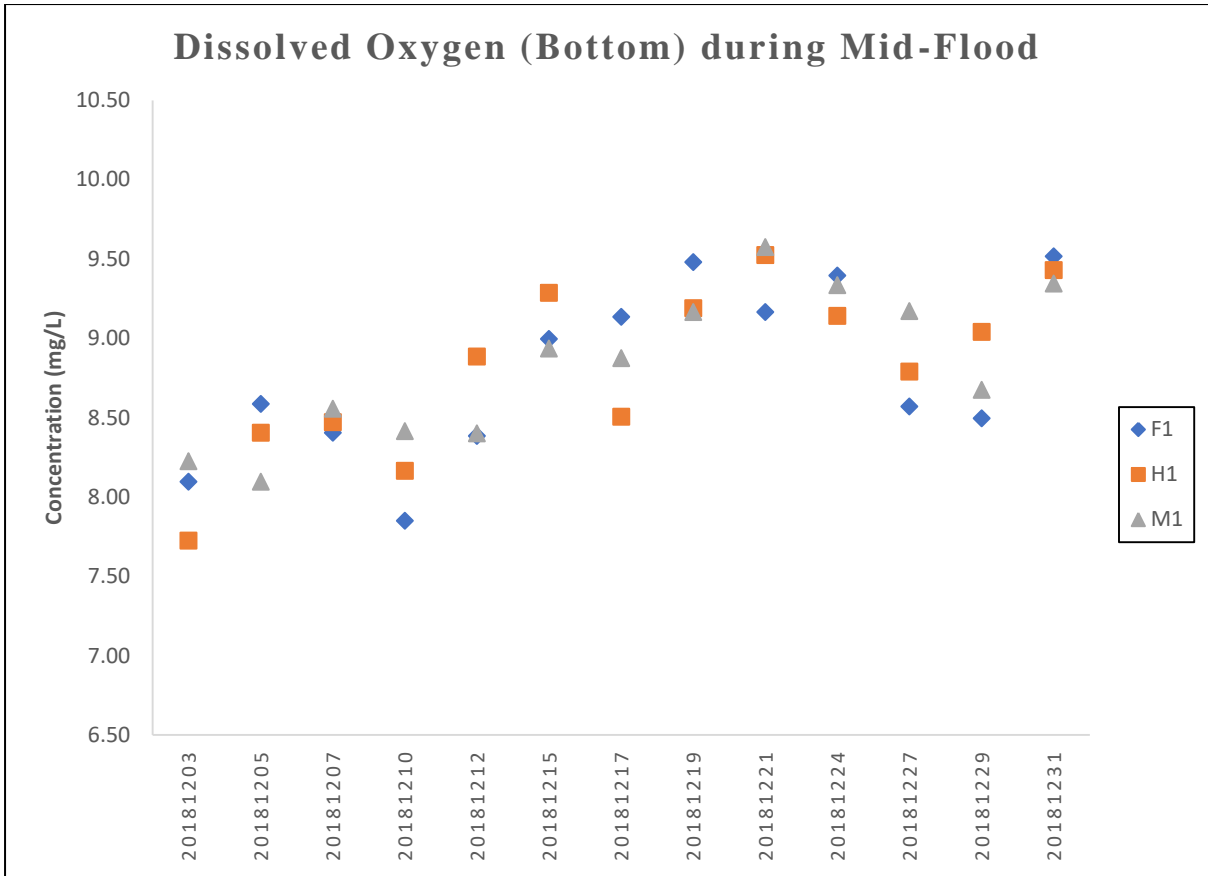
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



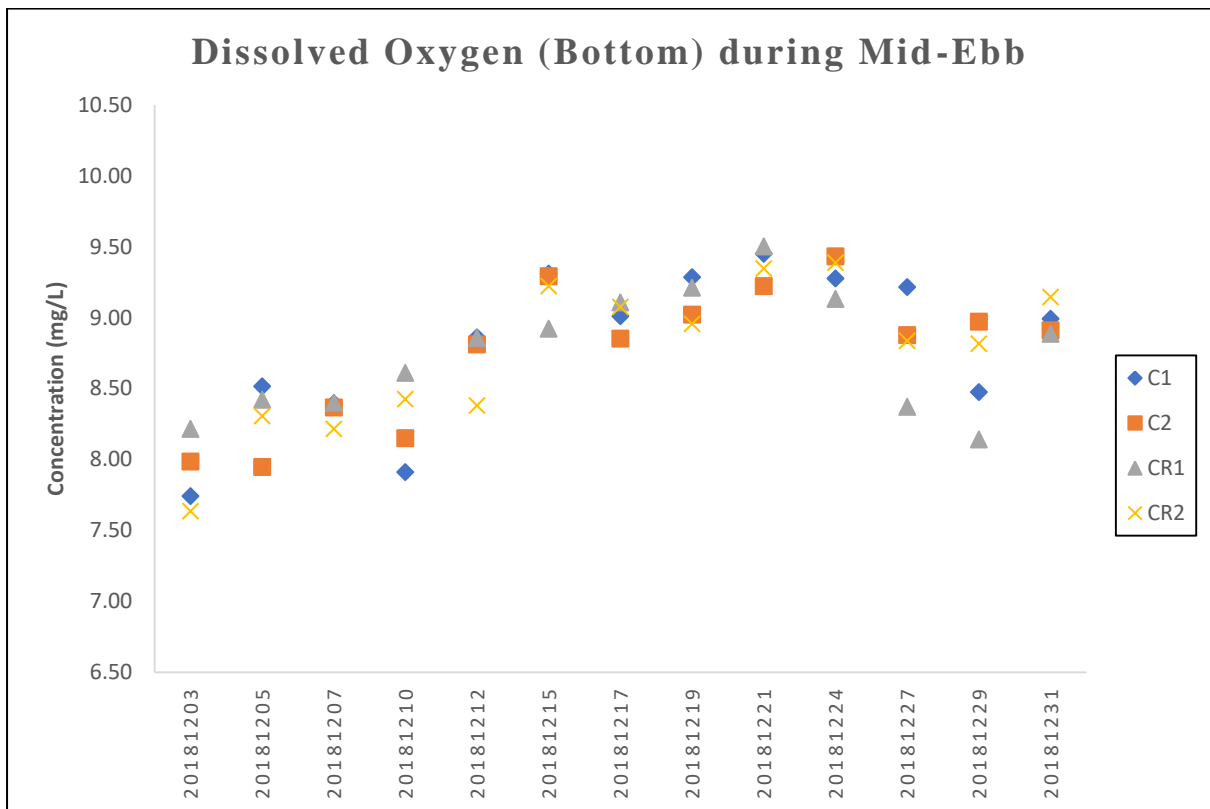
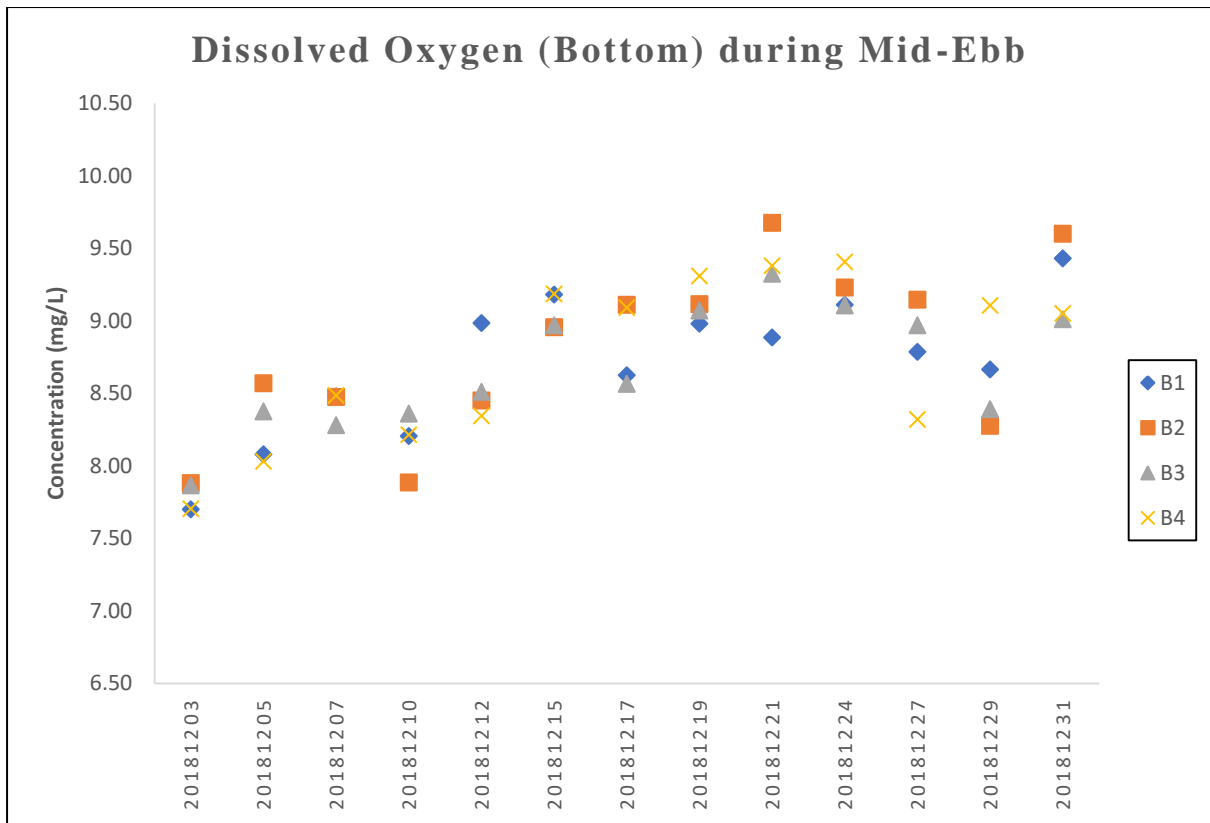
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



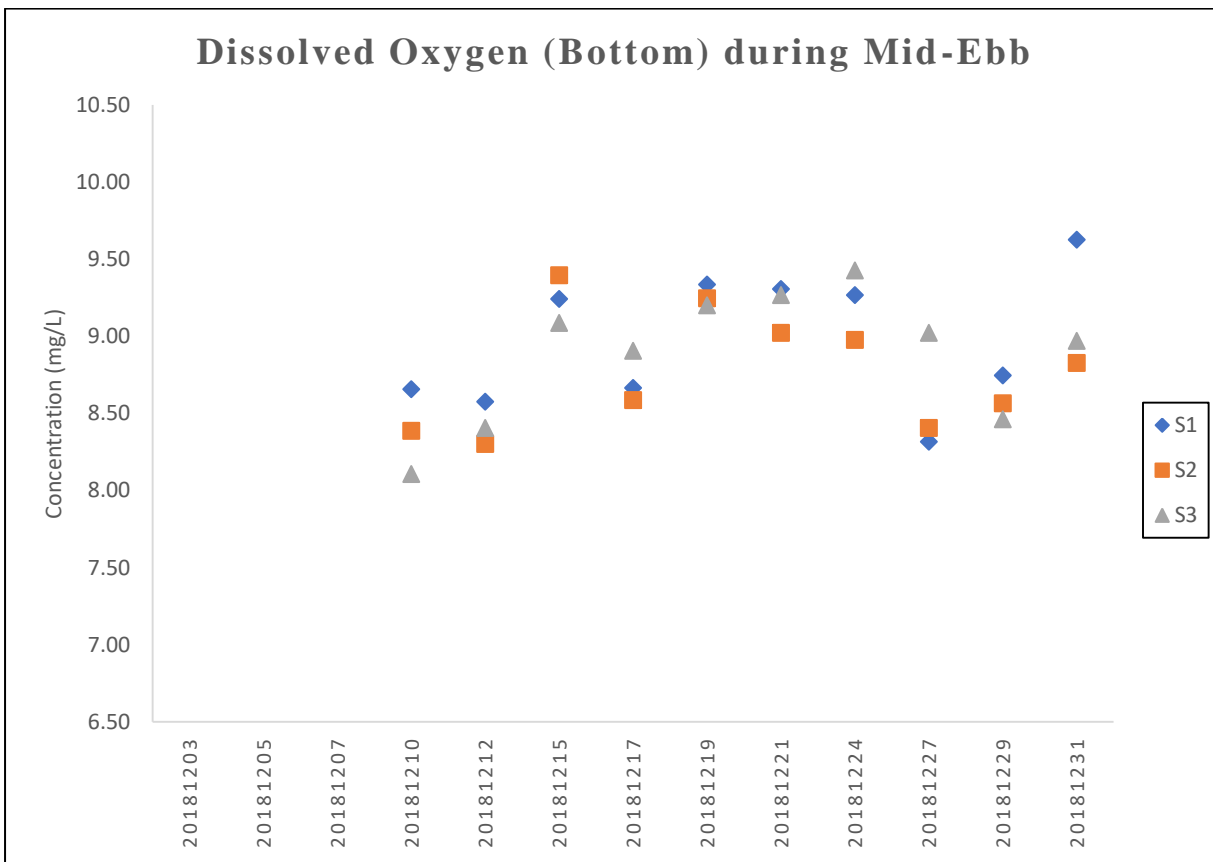
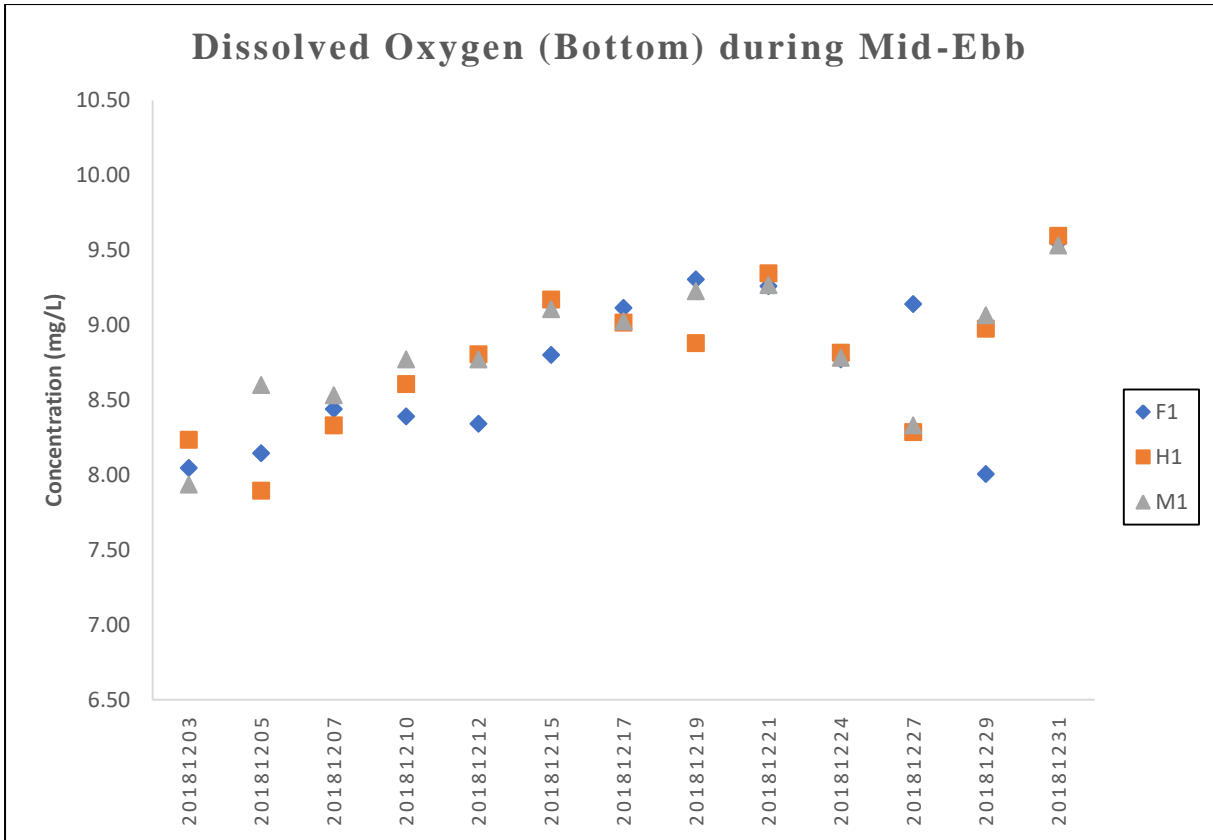
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



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

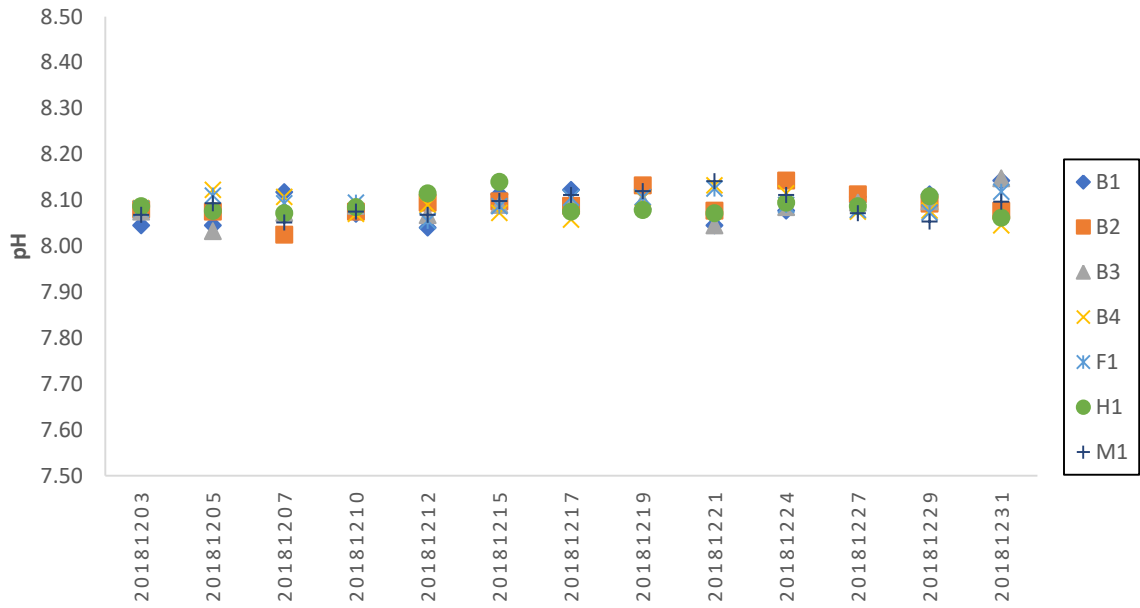


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

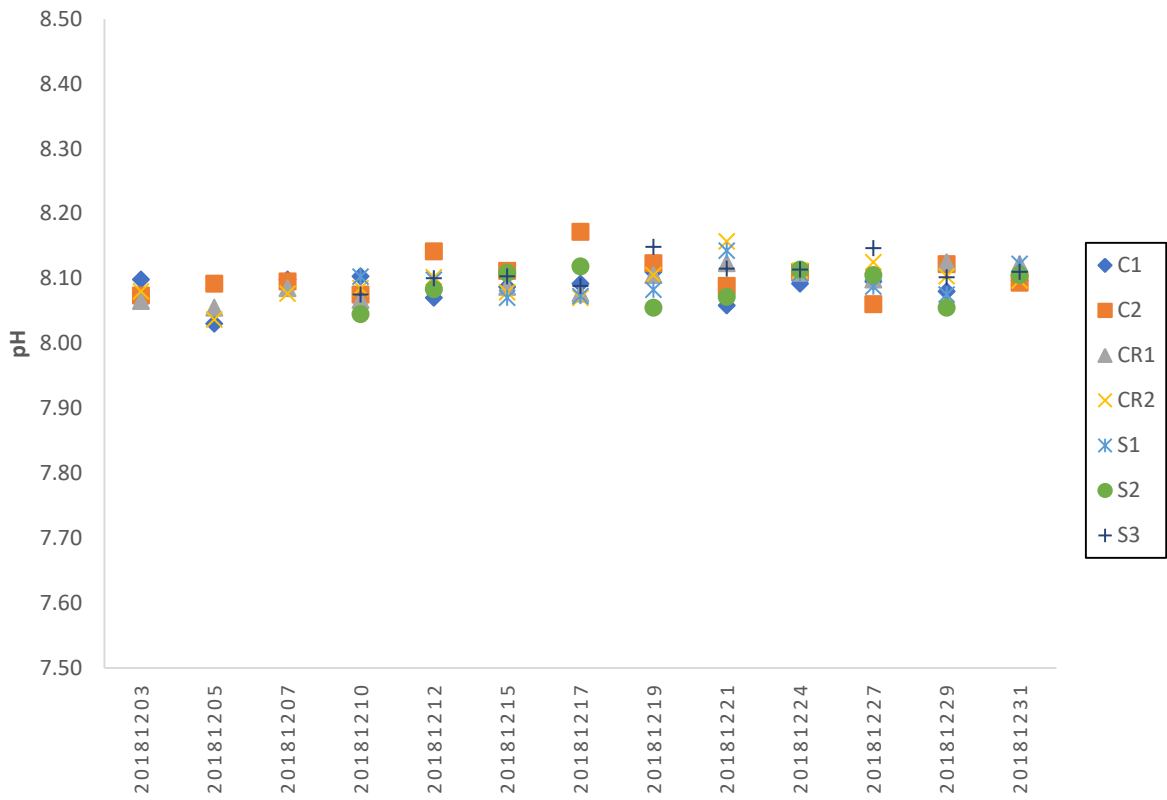


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

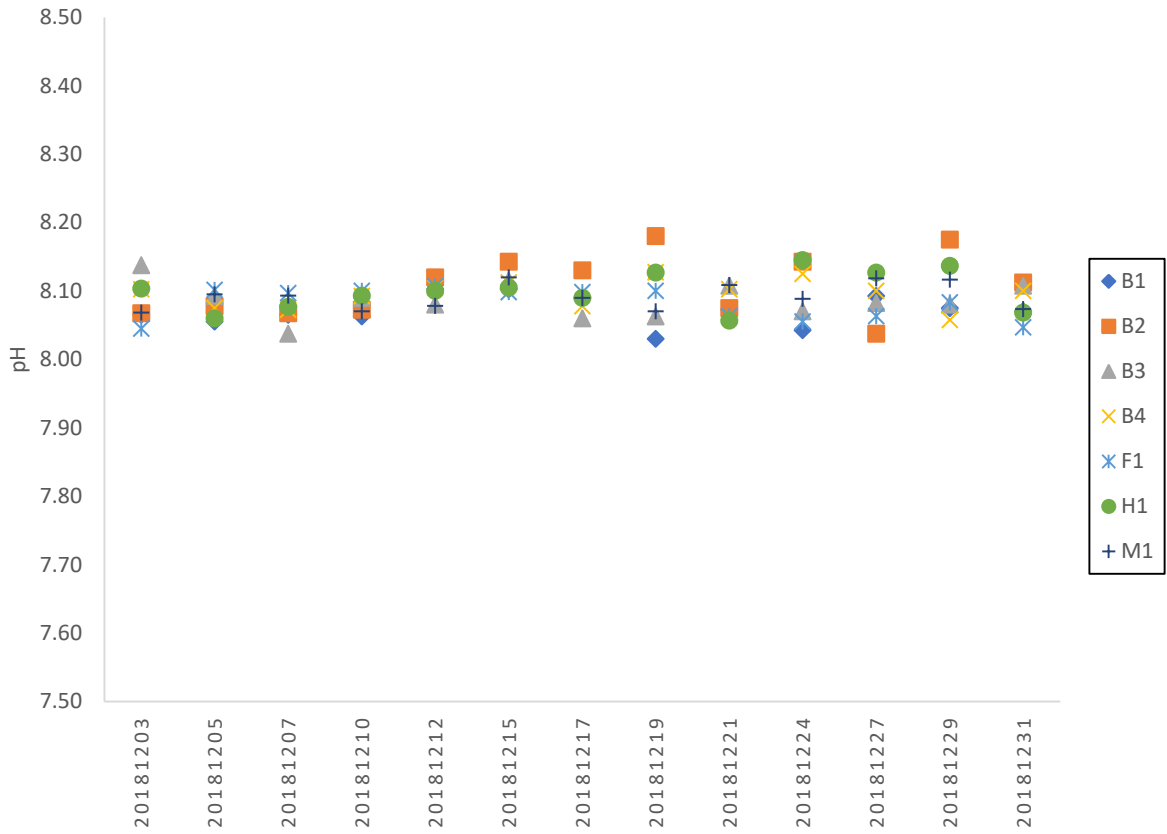
pH (Depth-Averaged) during Mid-Flood



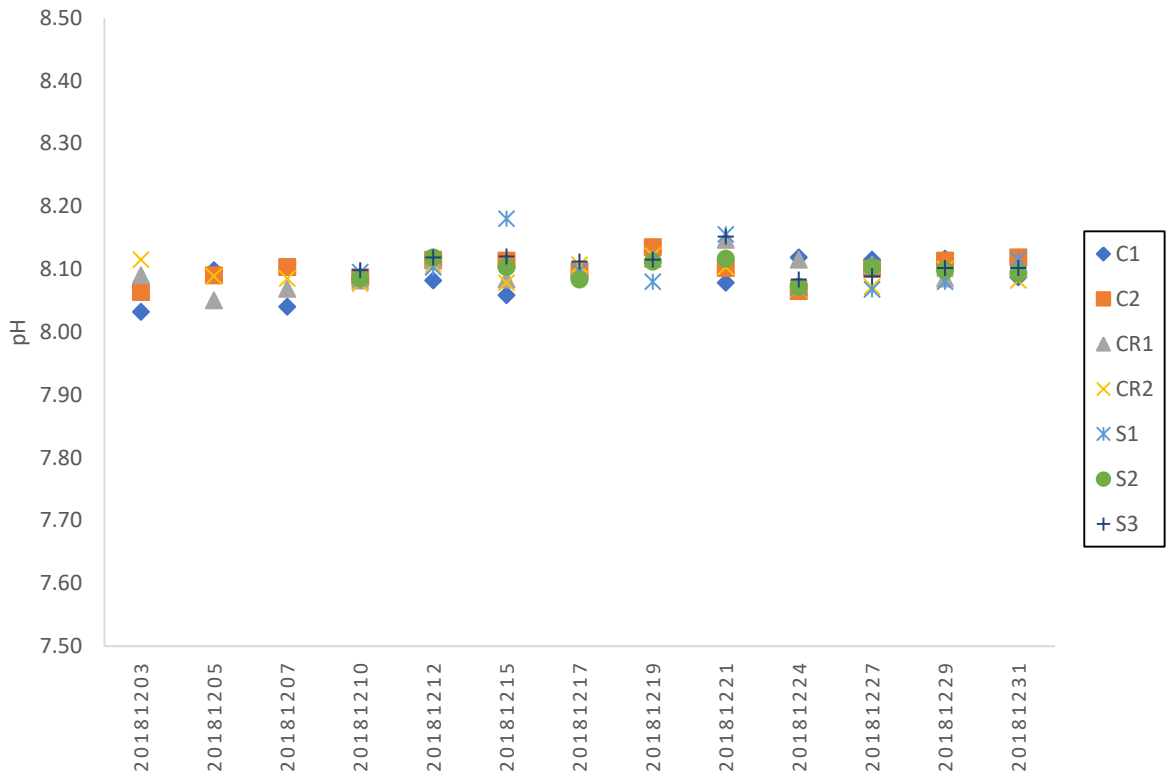
pH (Depth-Averaged) during Mid-Flood

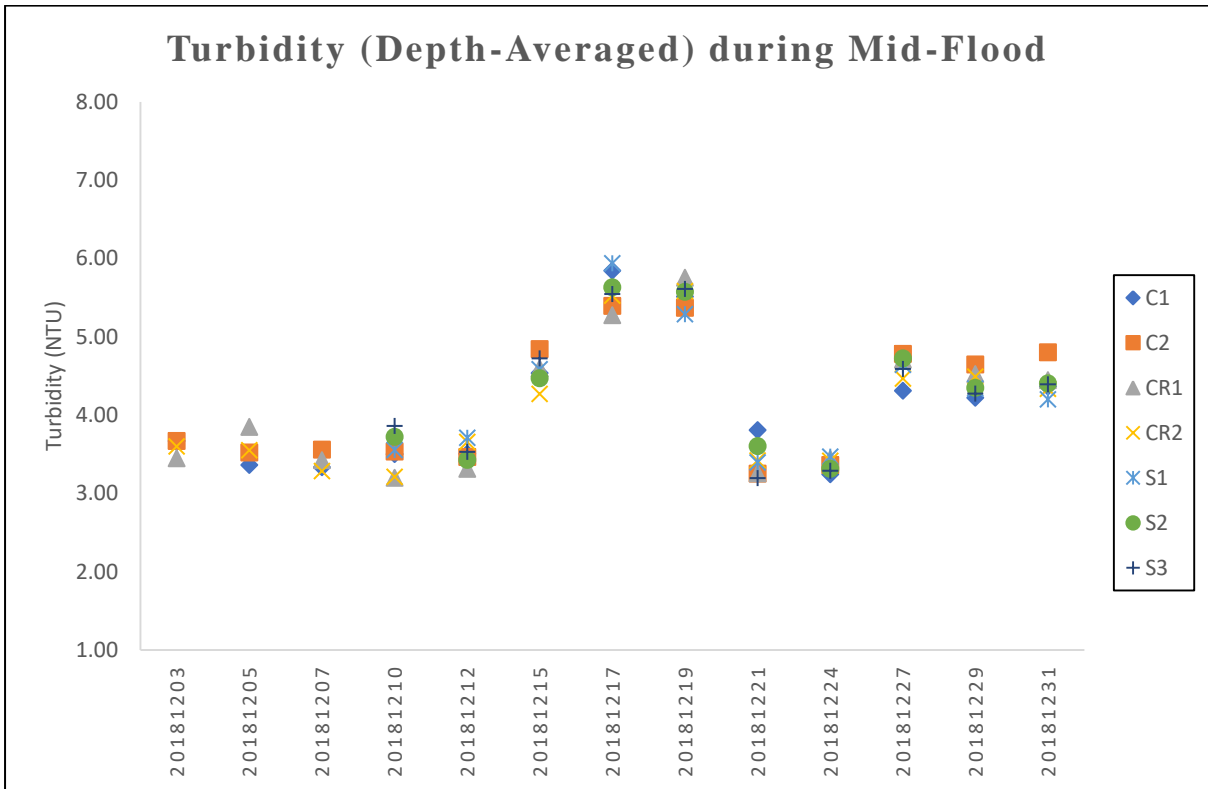
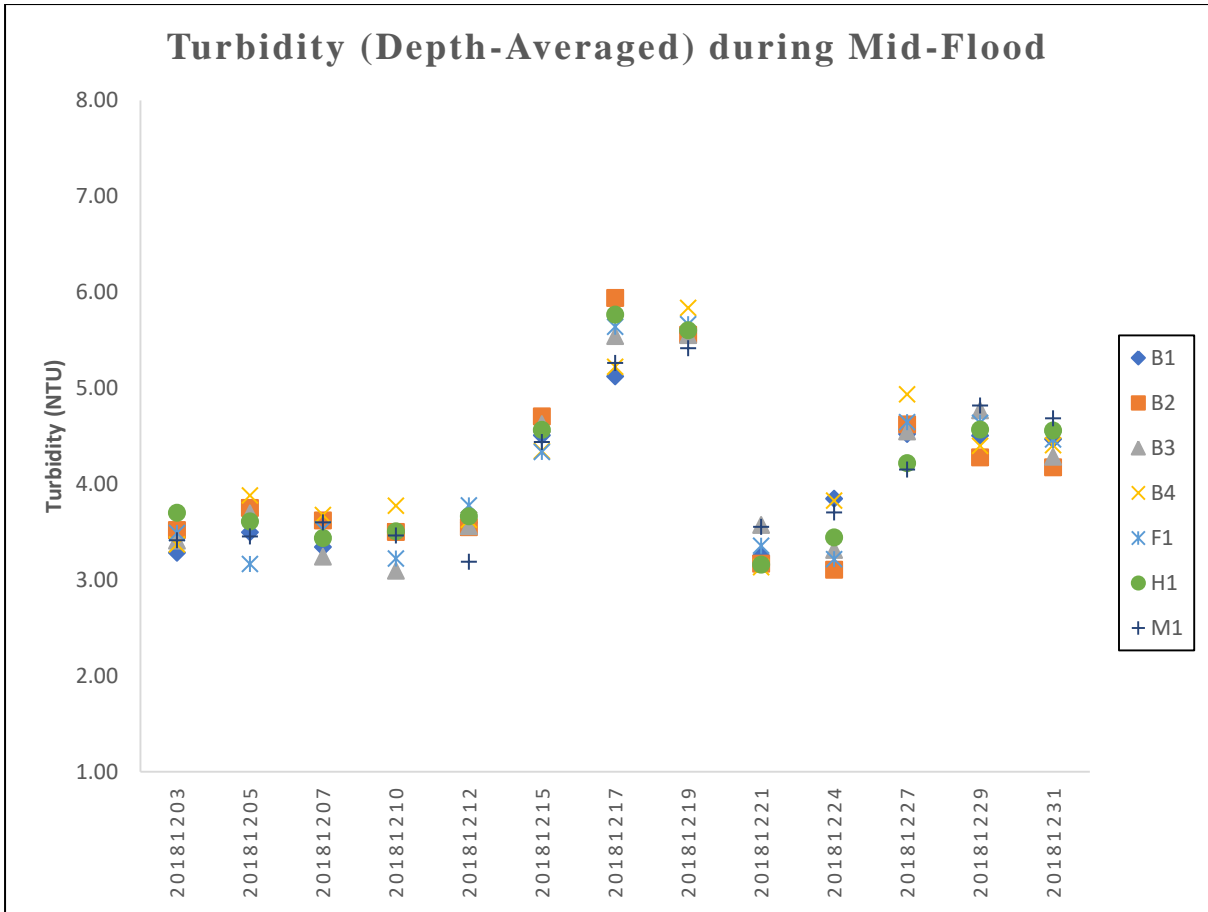


pH (Depth-Averaged) during Mid-Ebb

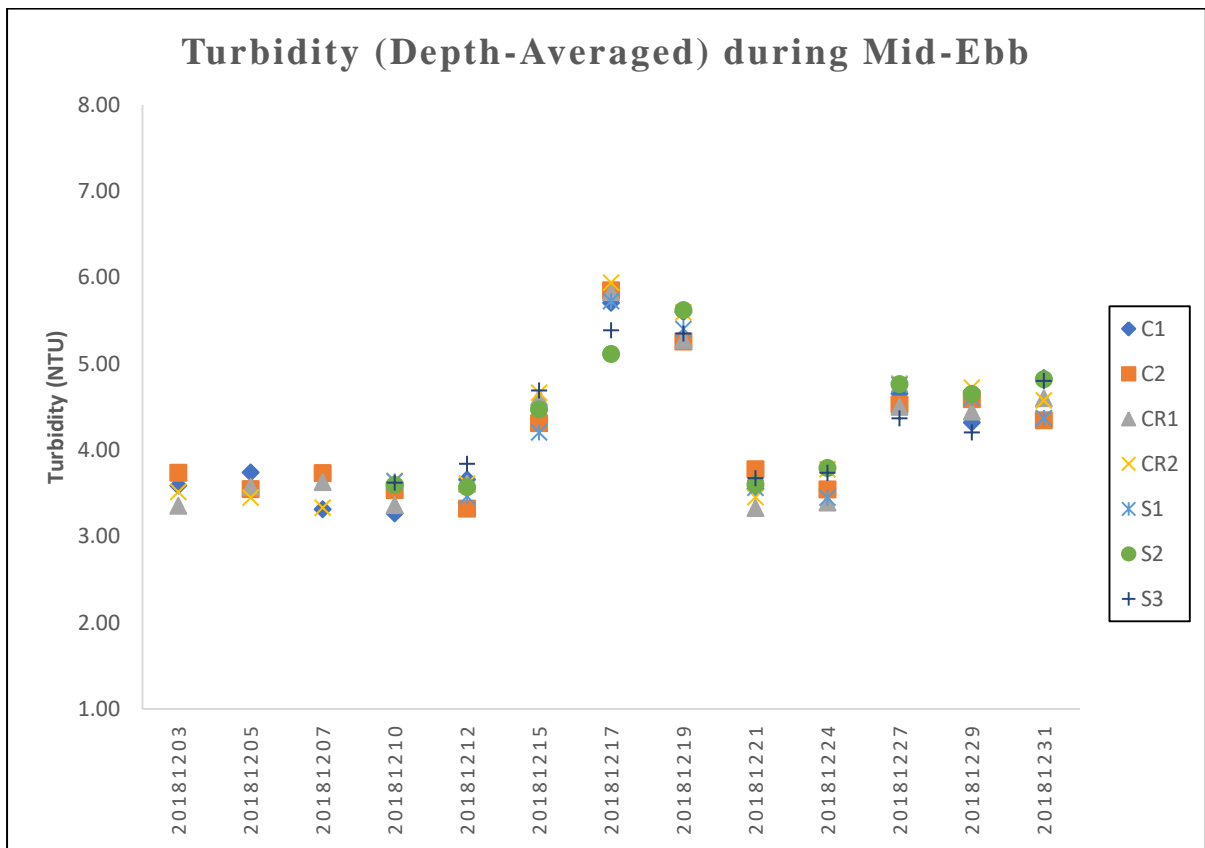
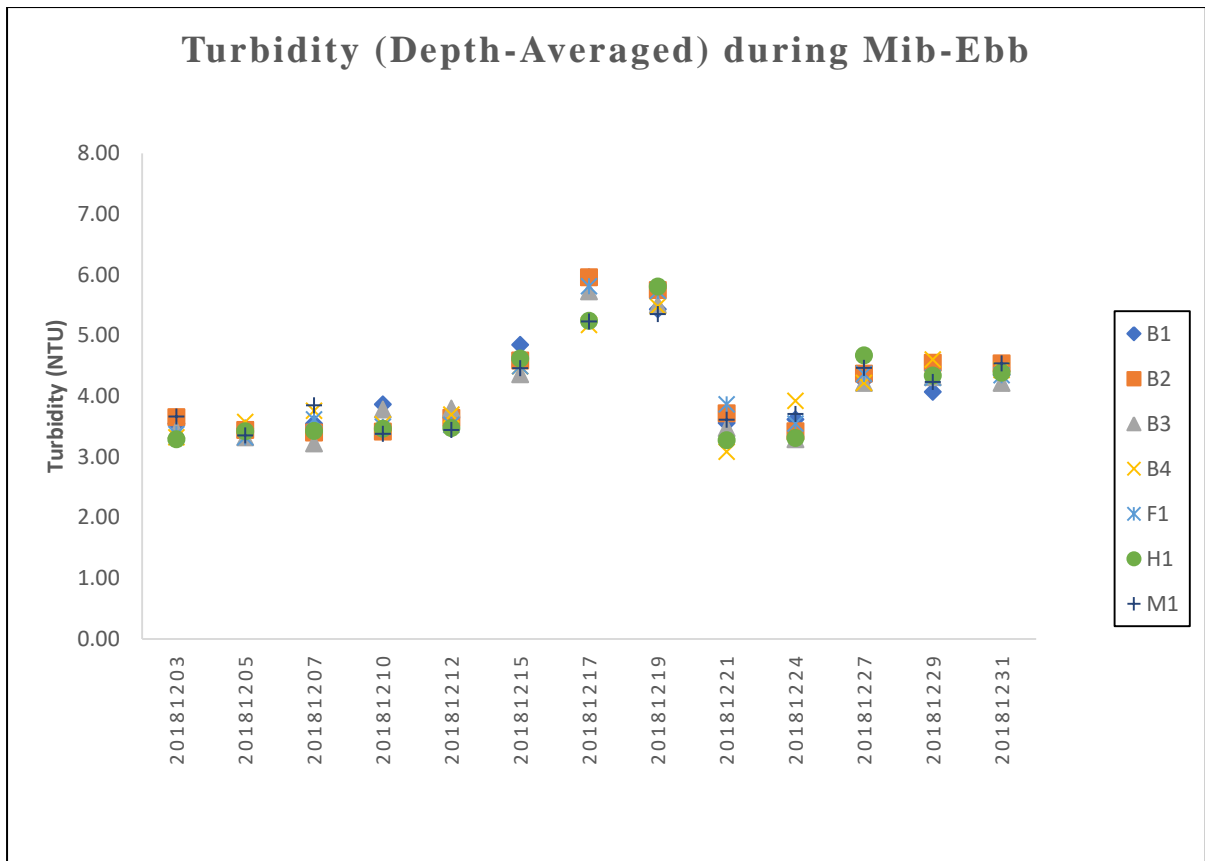


pH (Depth-Averaged) during Mid-Ebb

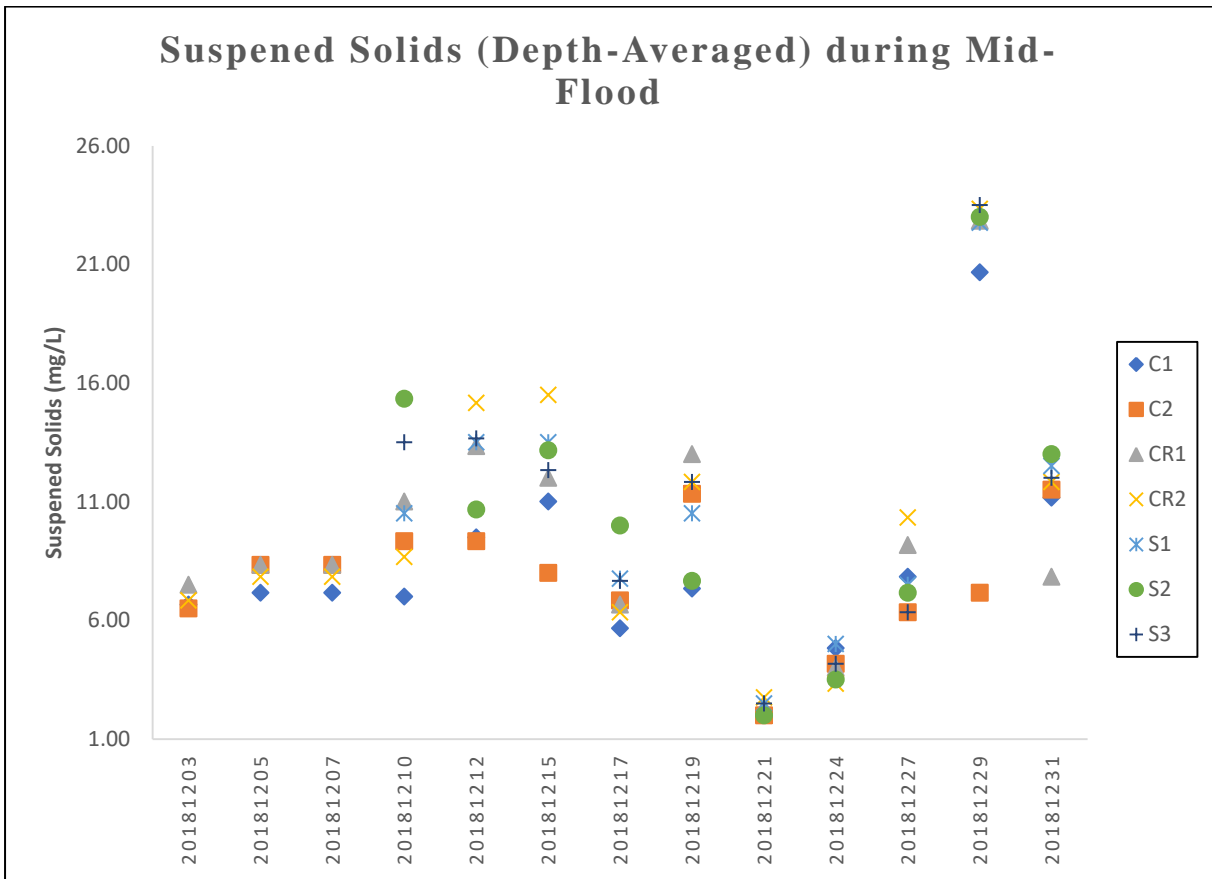
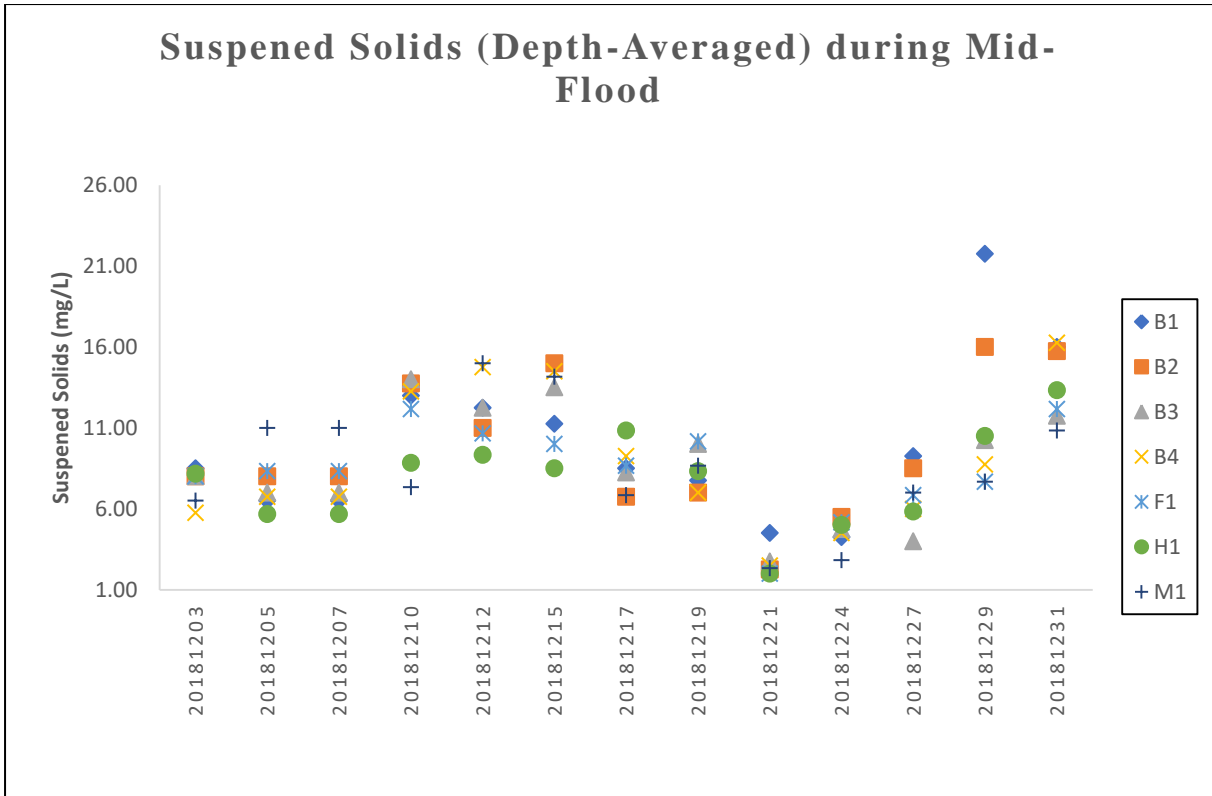




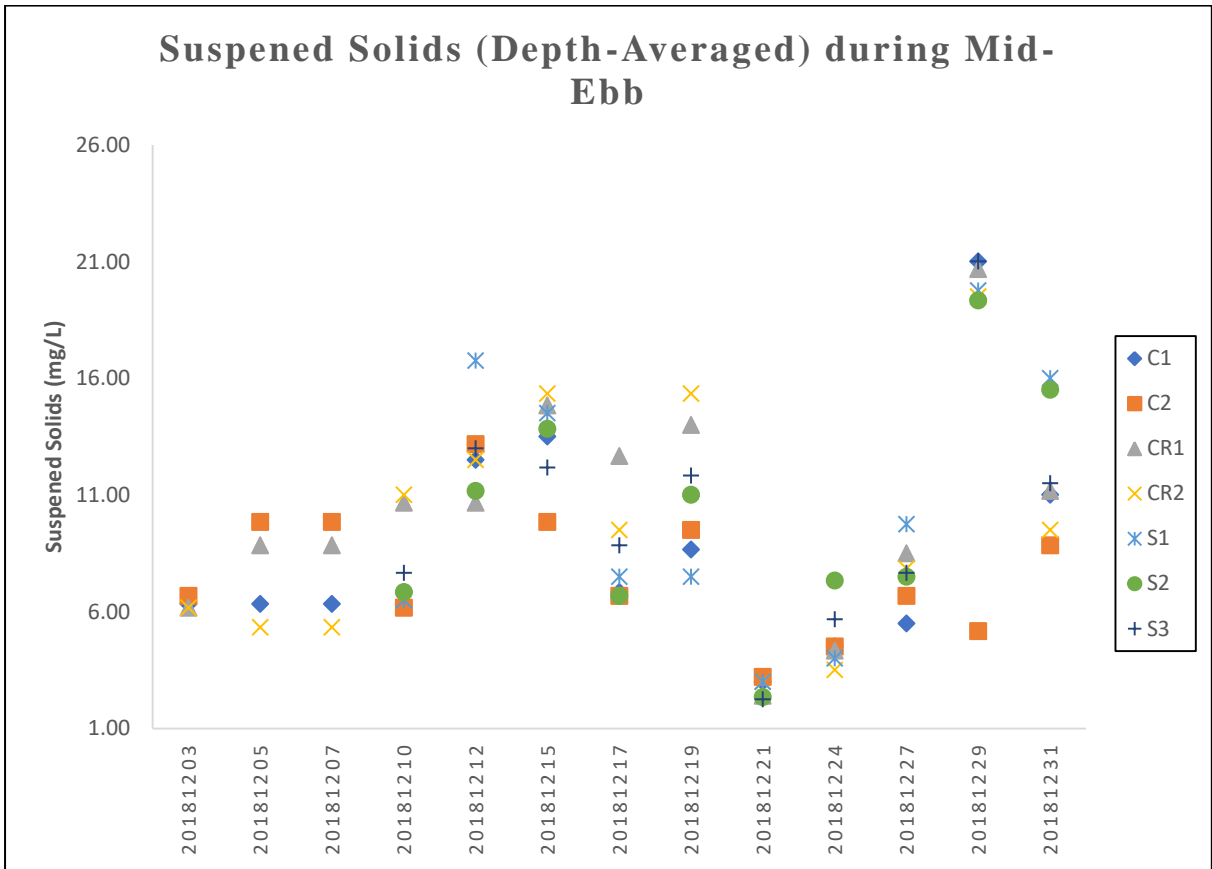
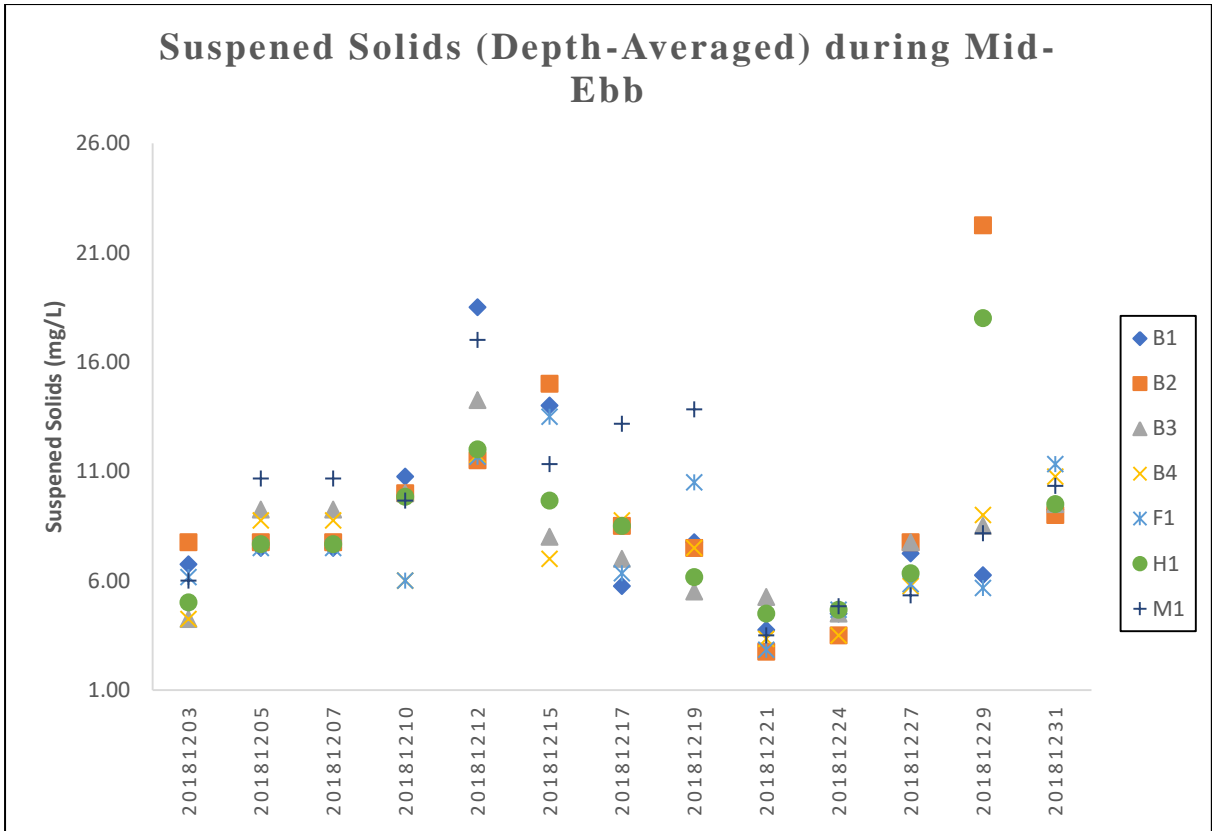
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



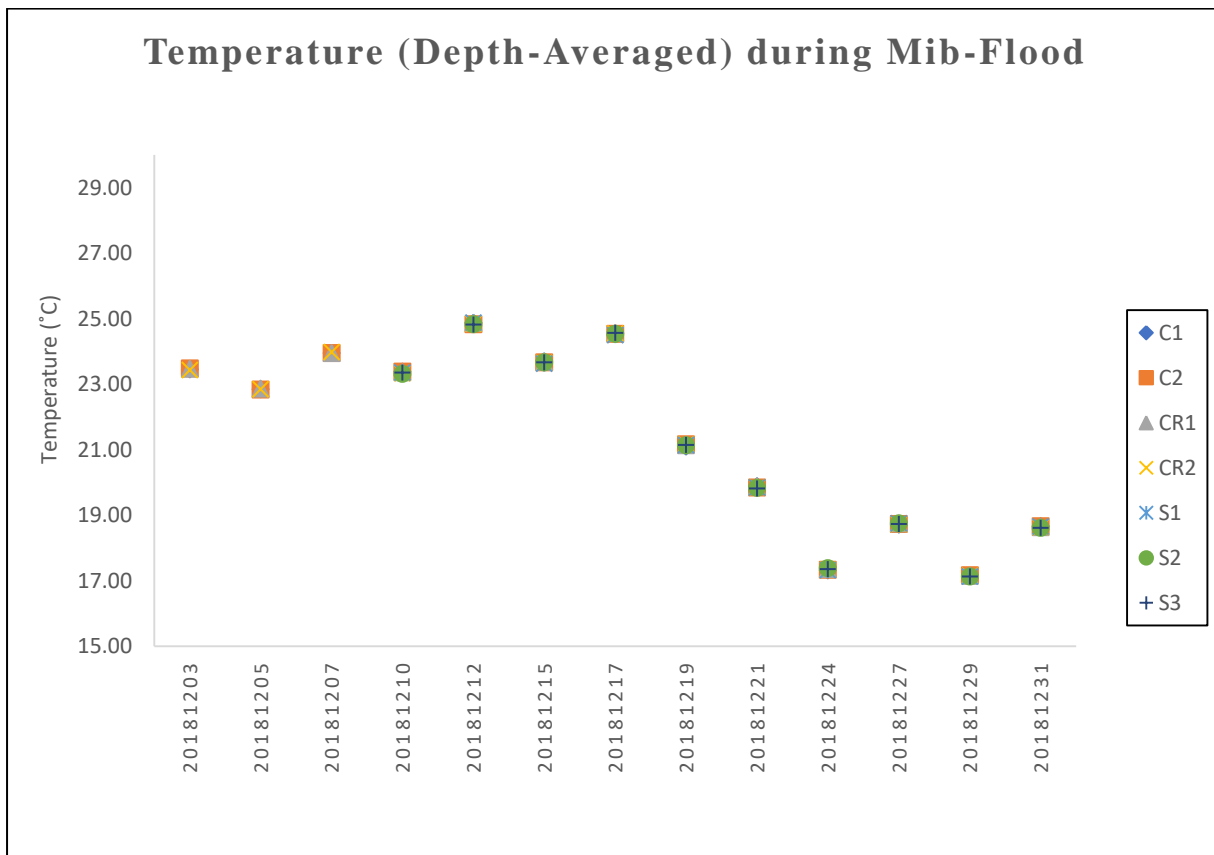
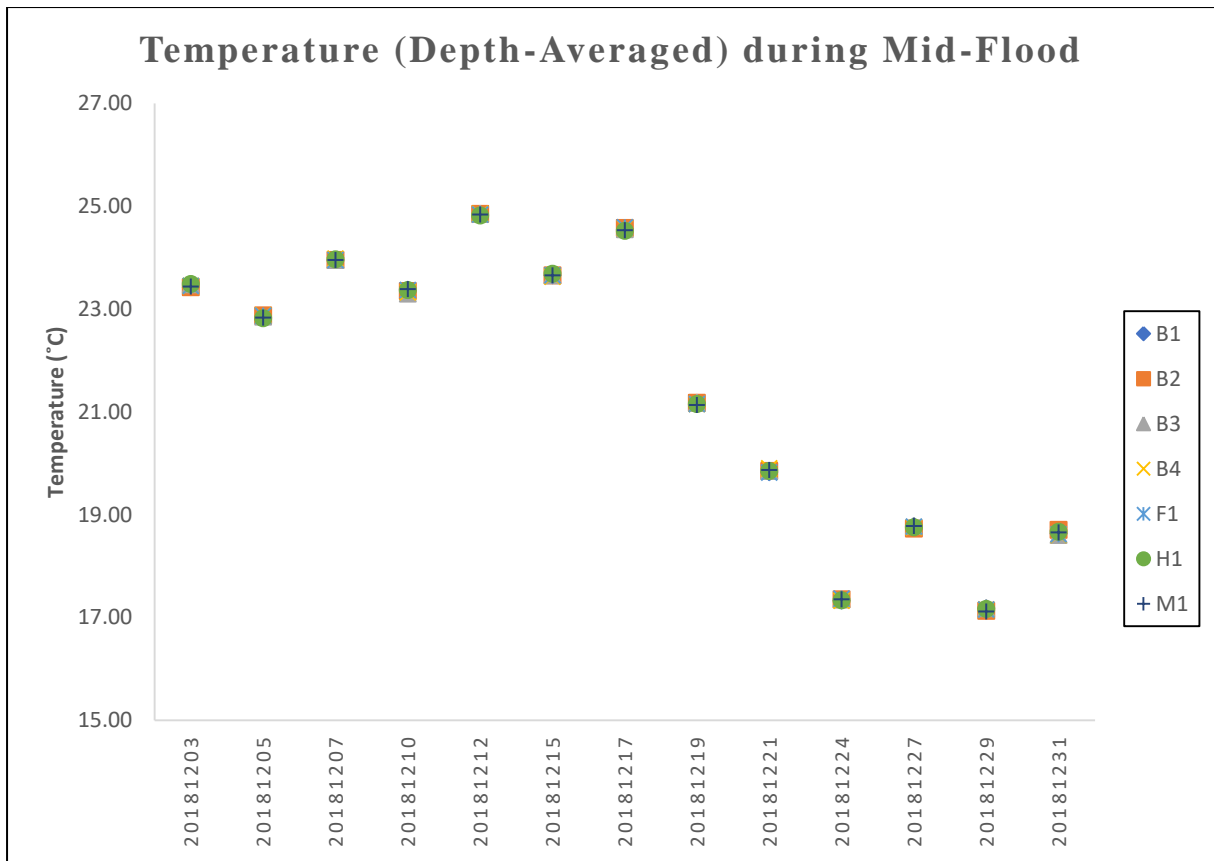
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



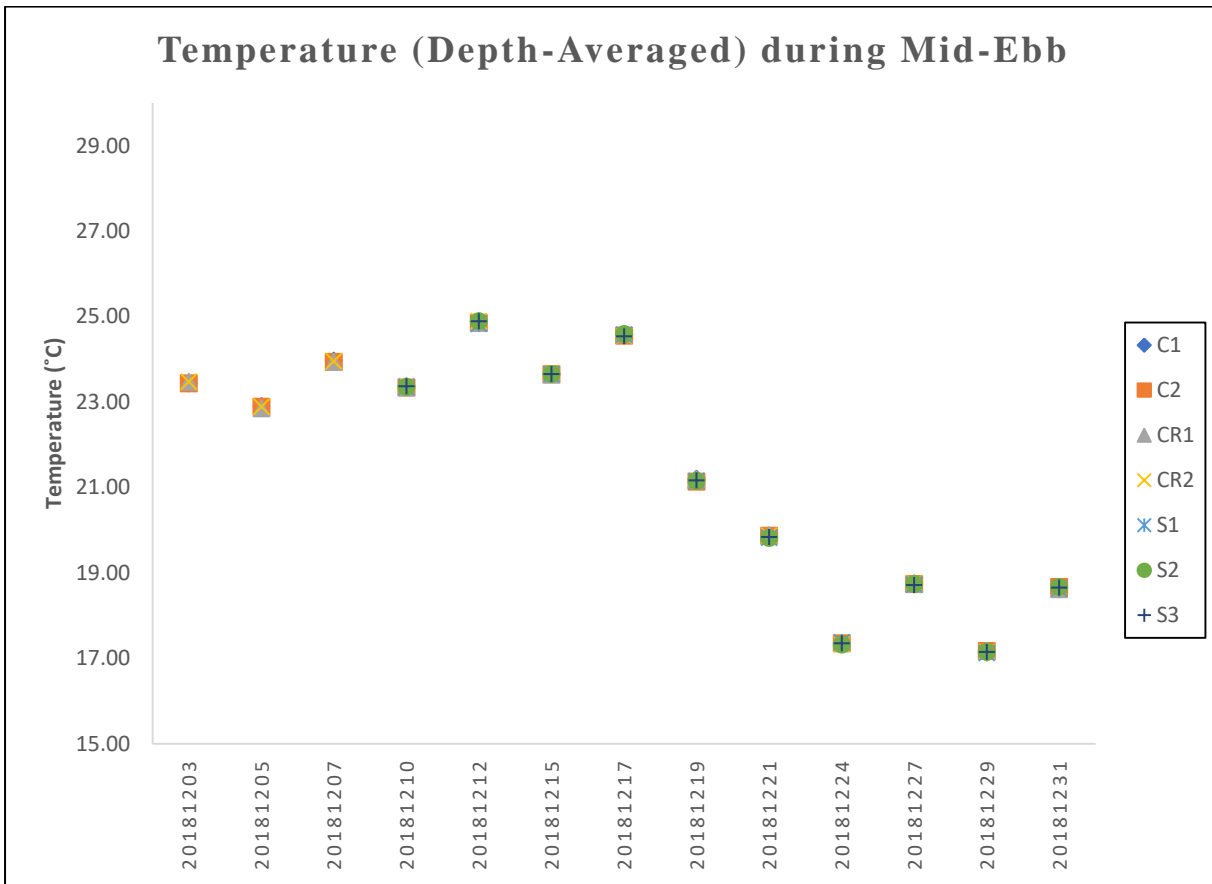
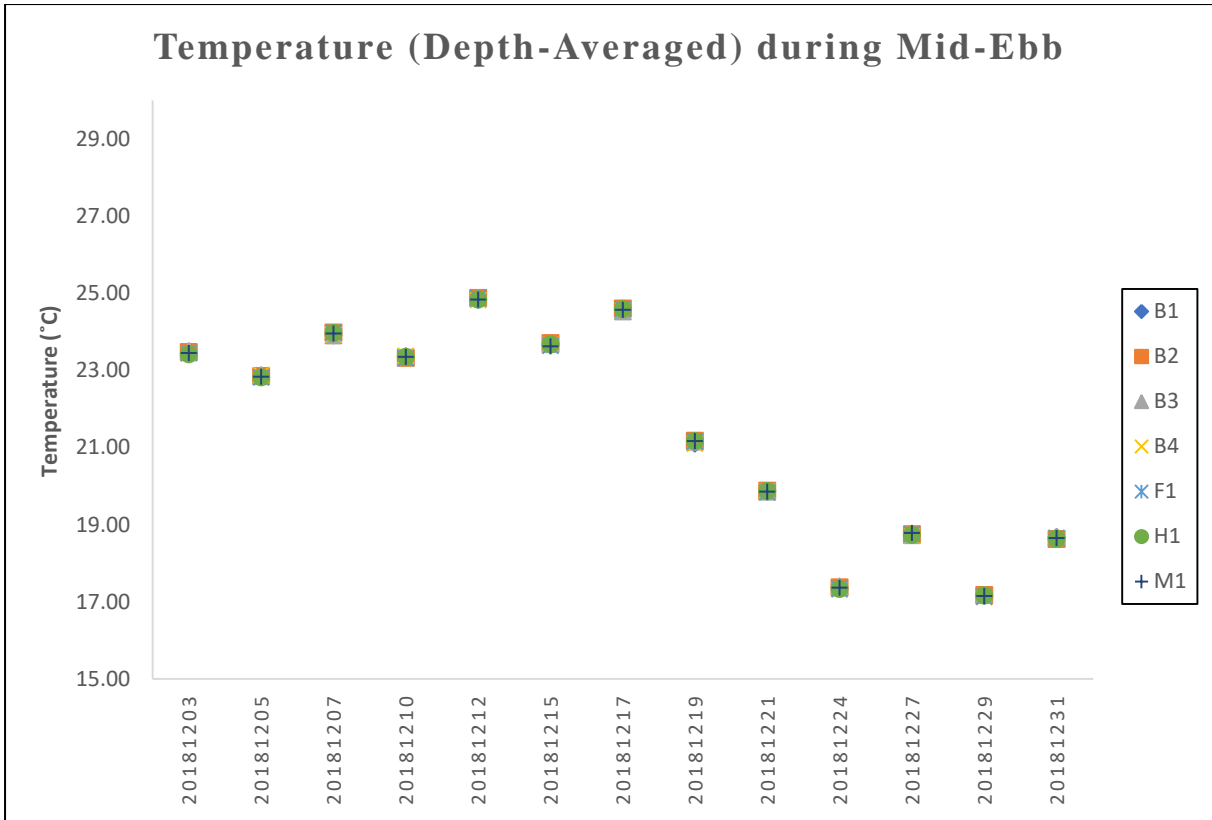
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



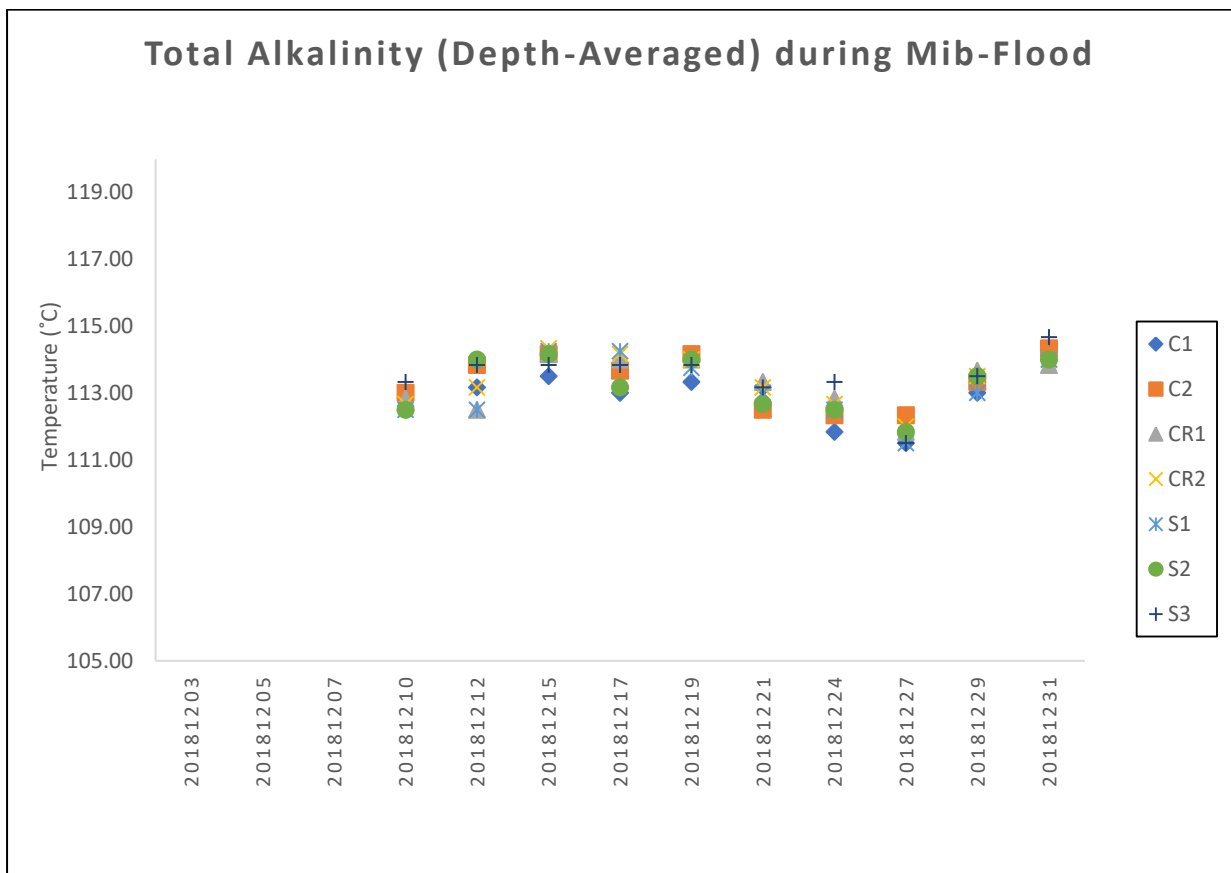
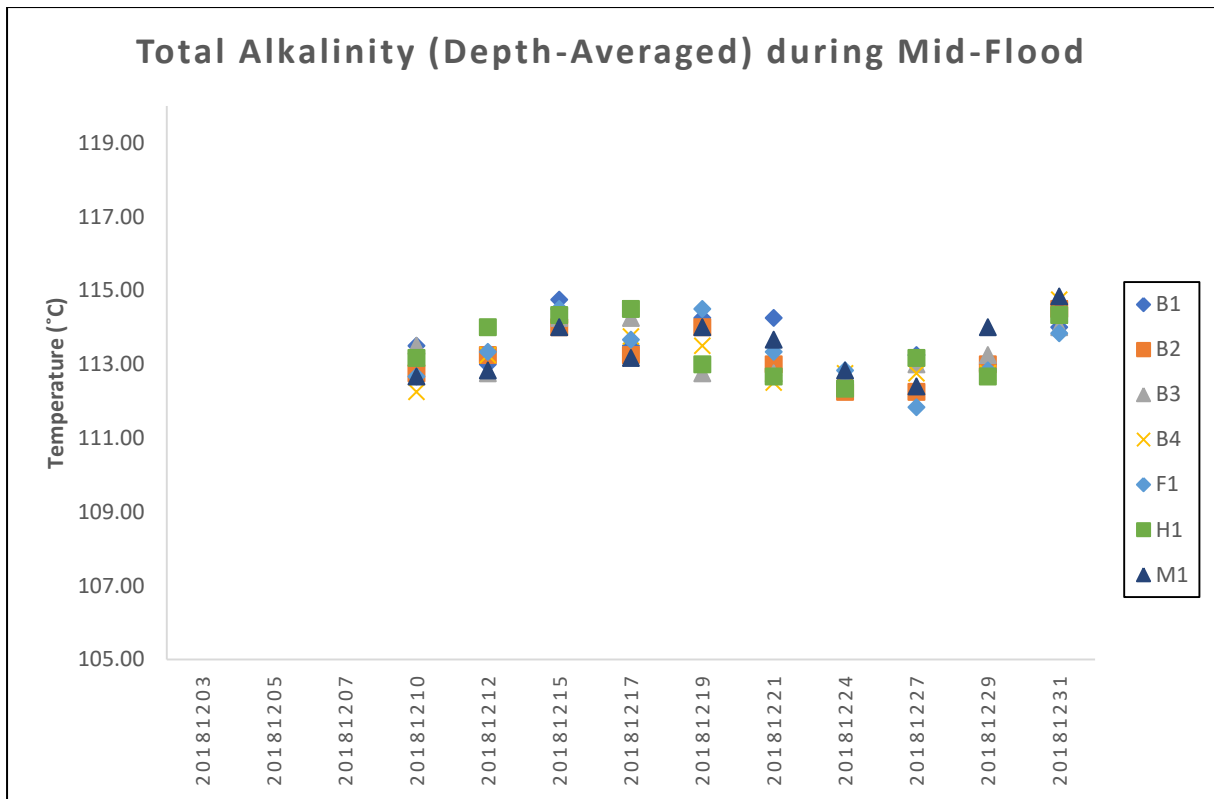
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



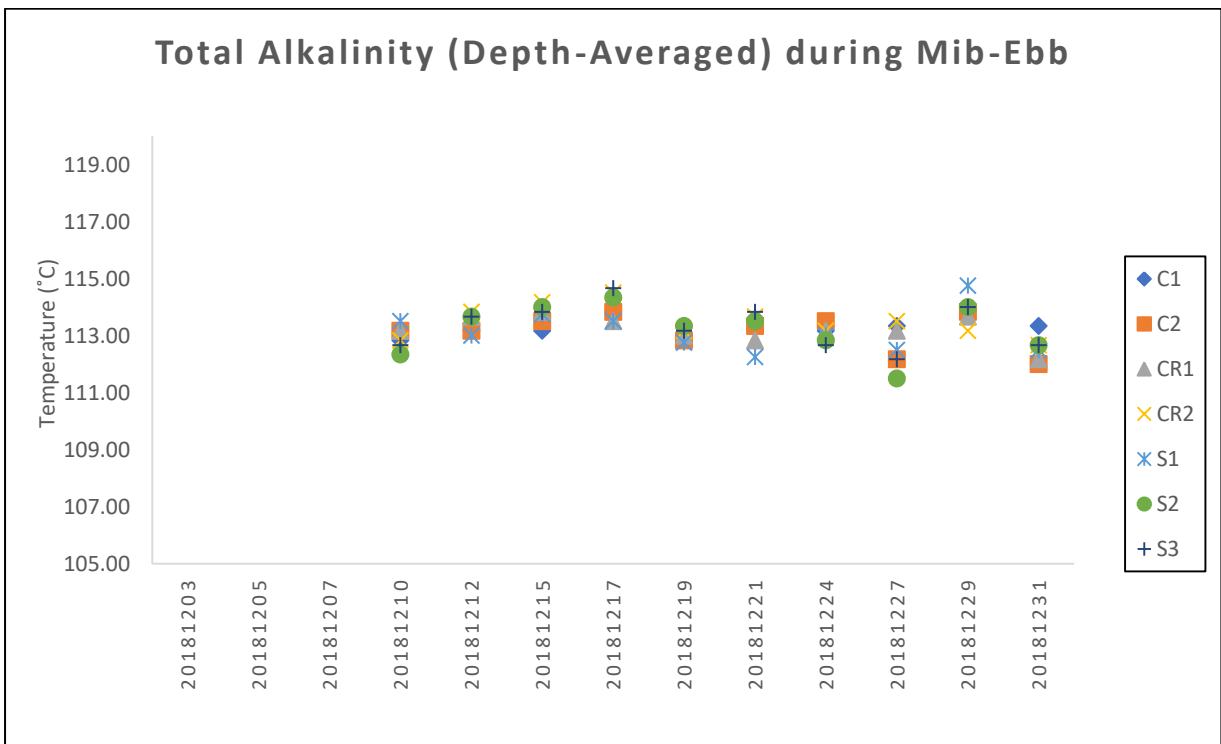
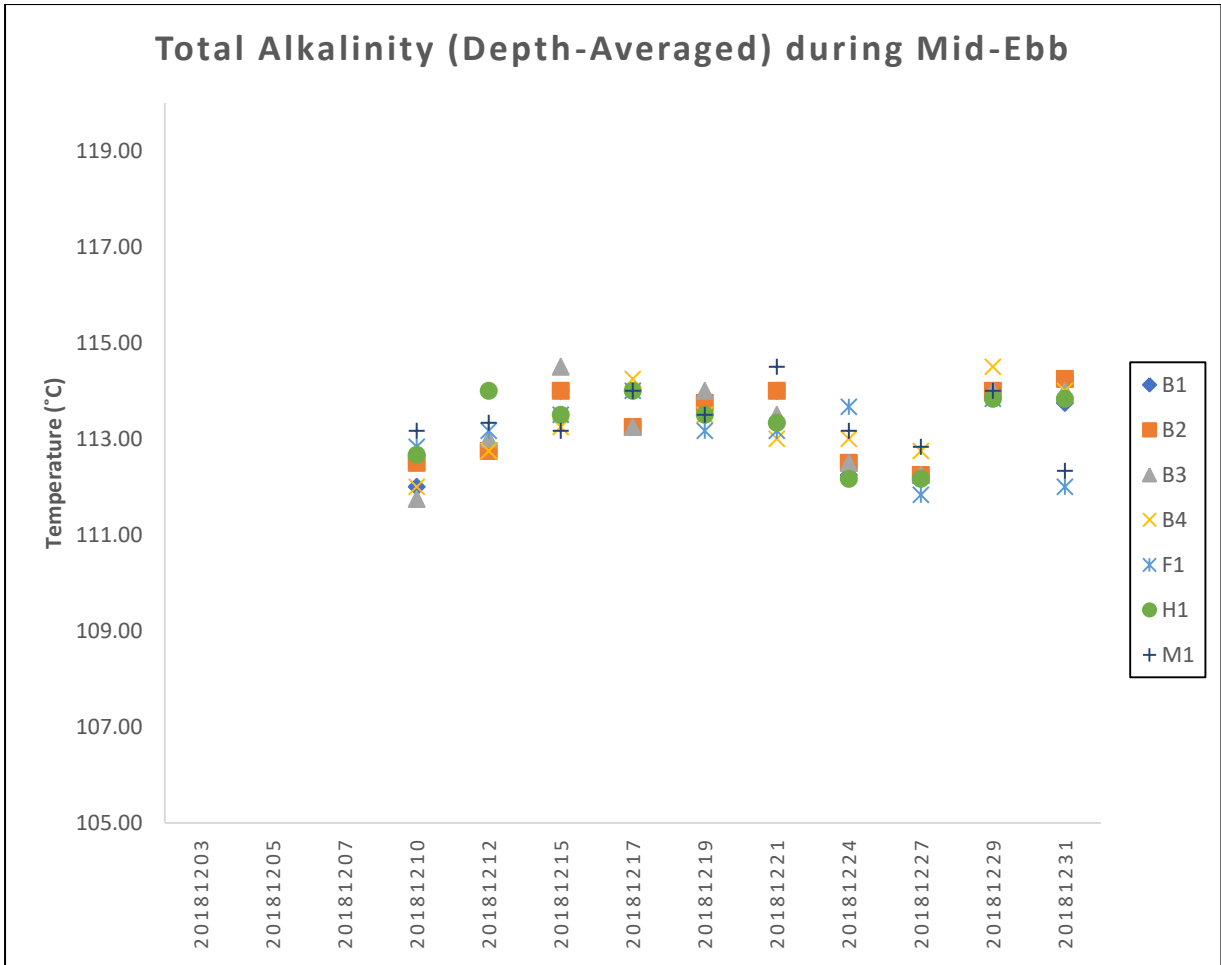
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



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

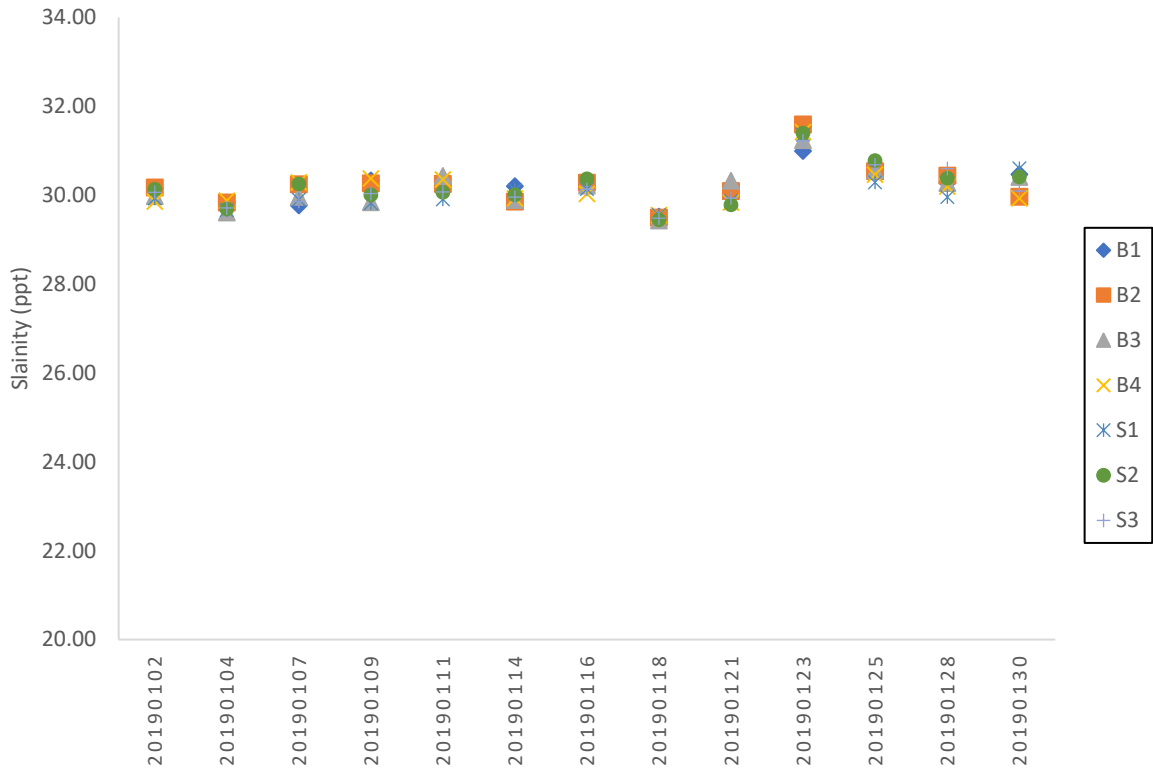


Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

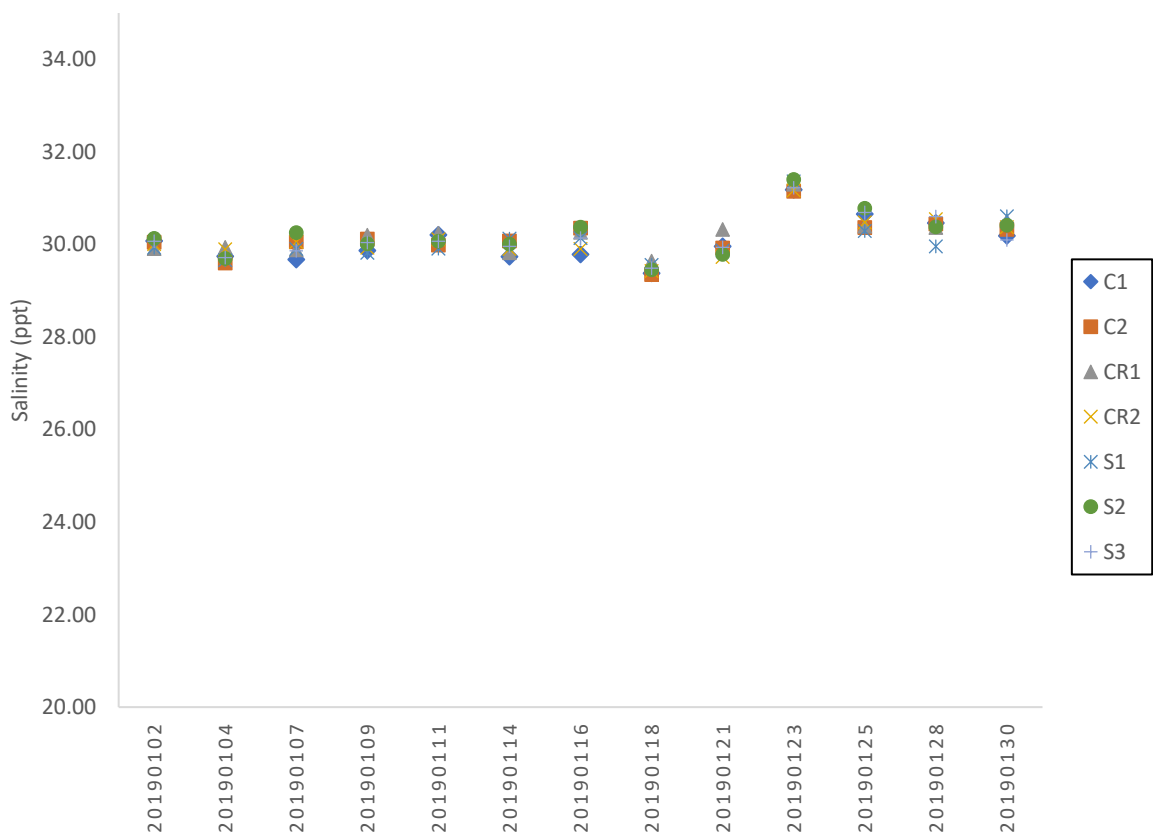


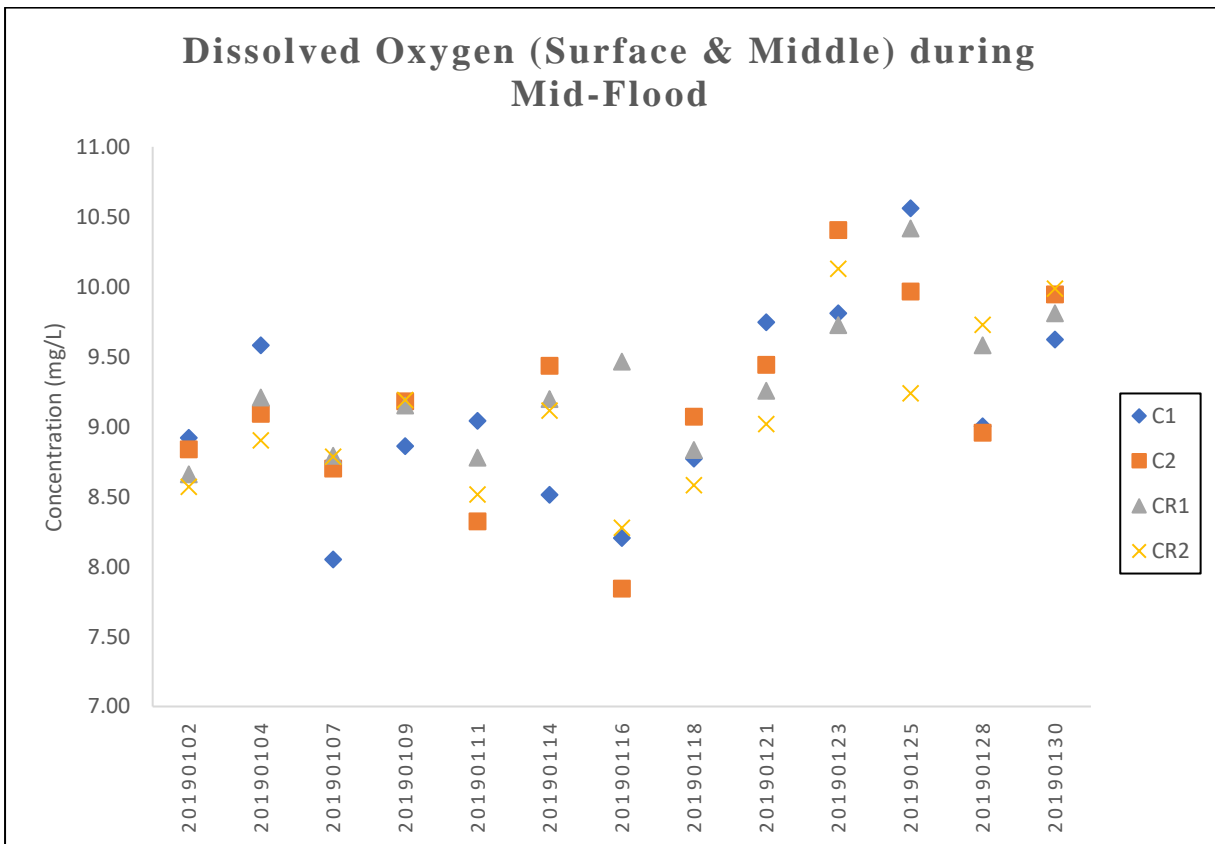
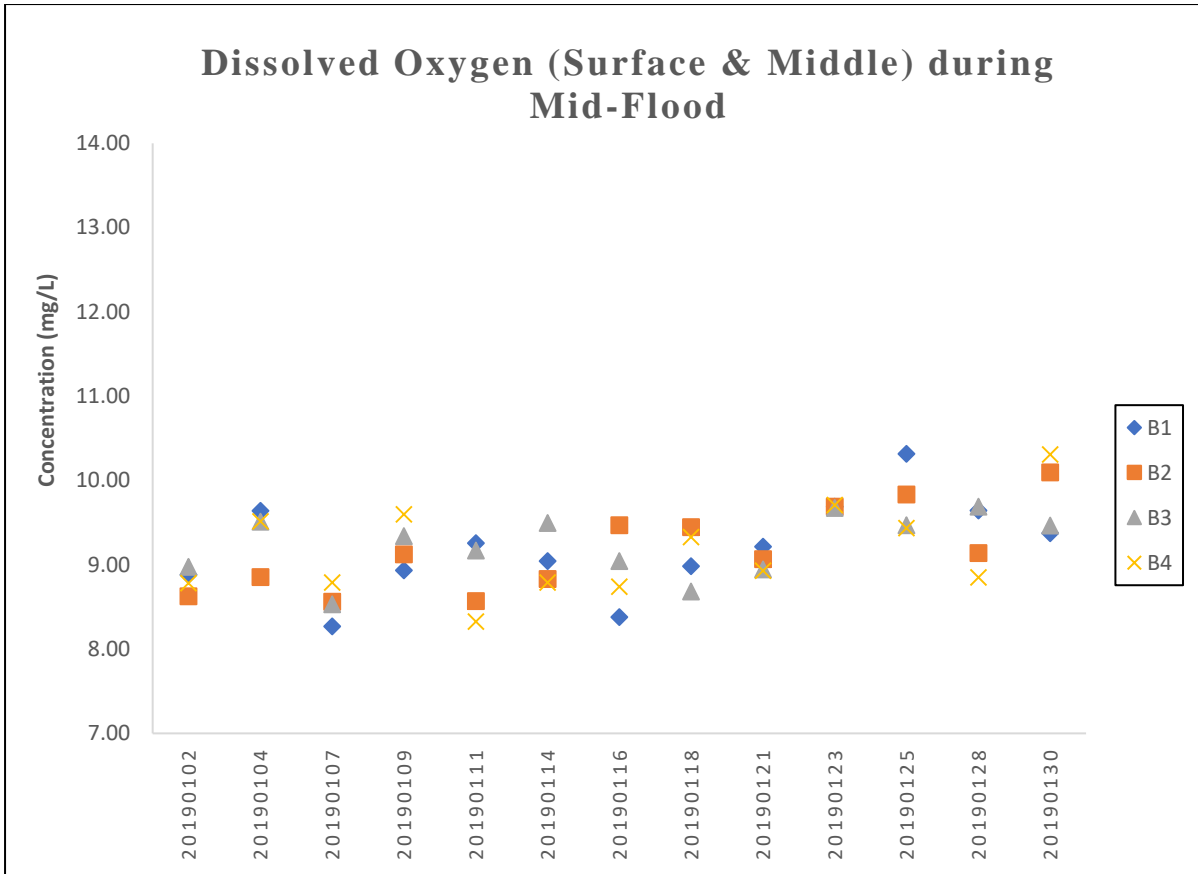
Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

Salinity (Depth-averaged) during Mid-Ebb

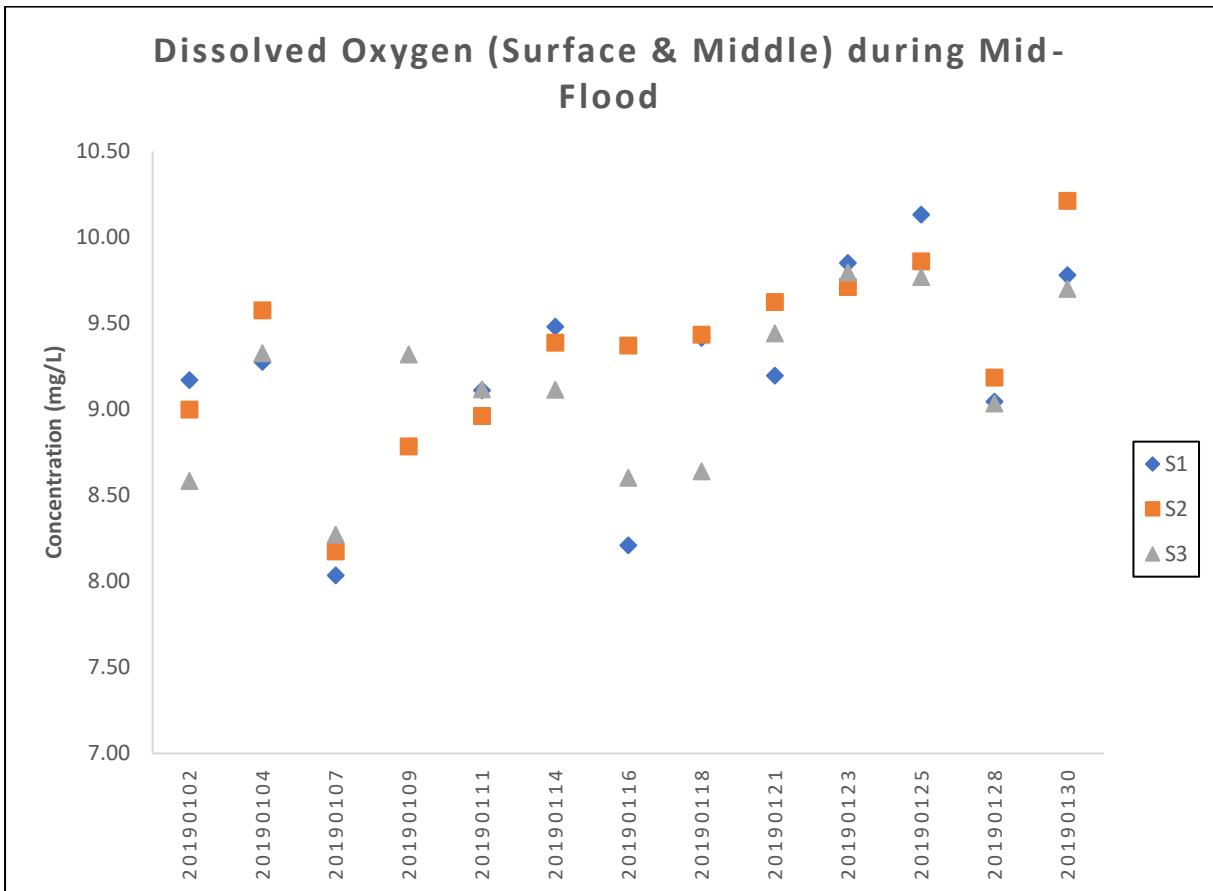
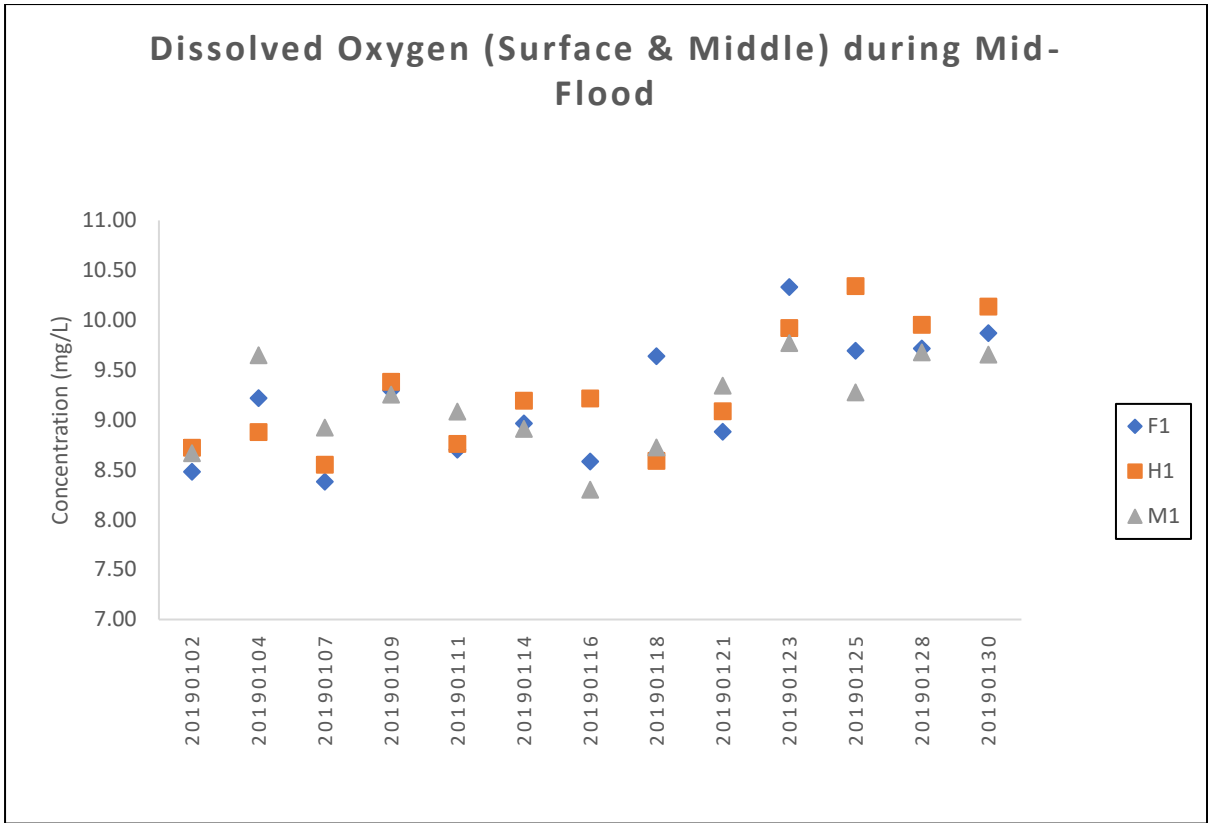


Salinity (Depth-averaged) during Mid-Ebb

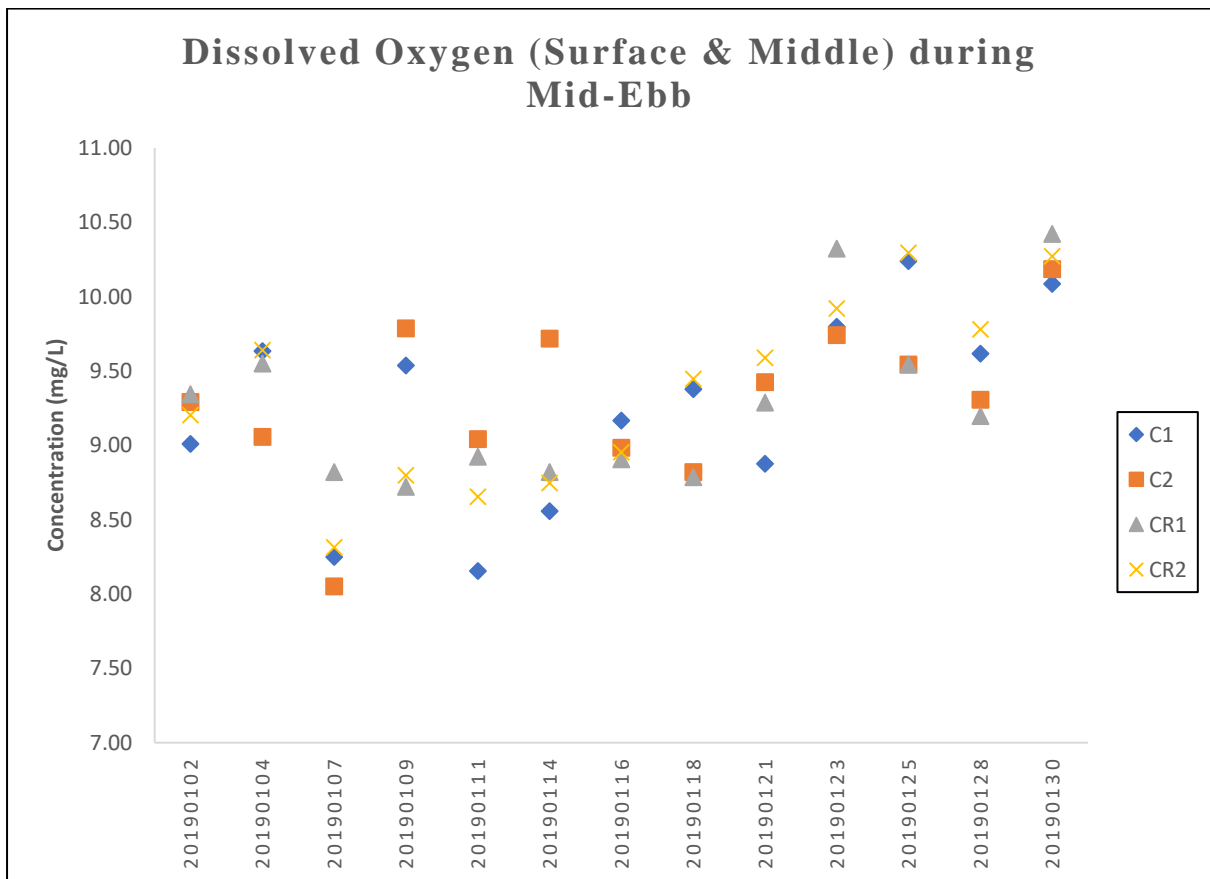
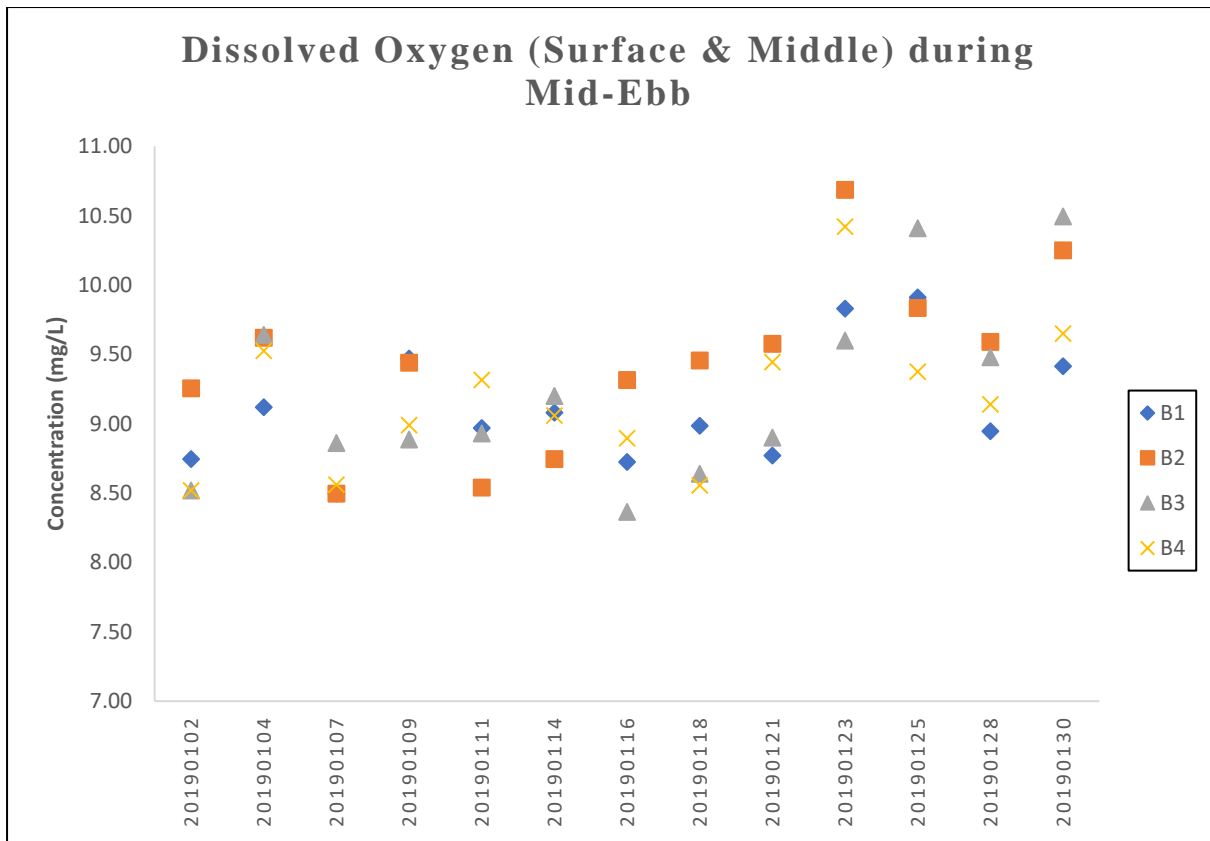




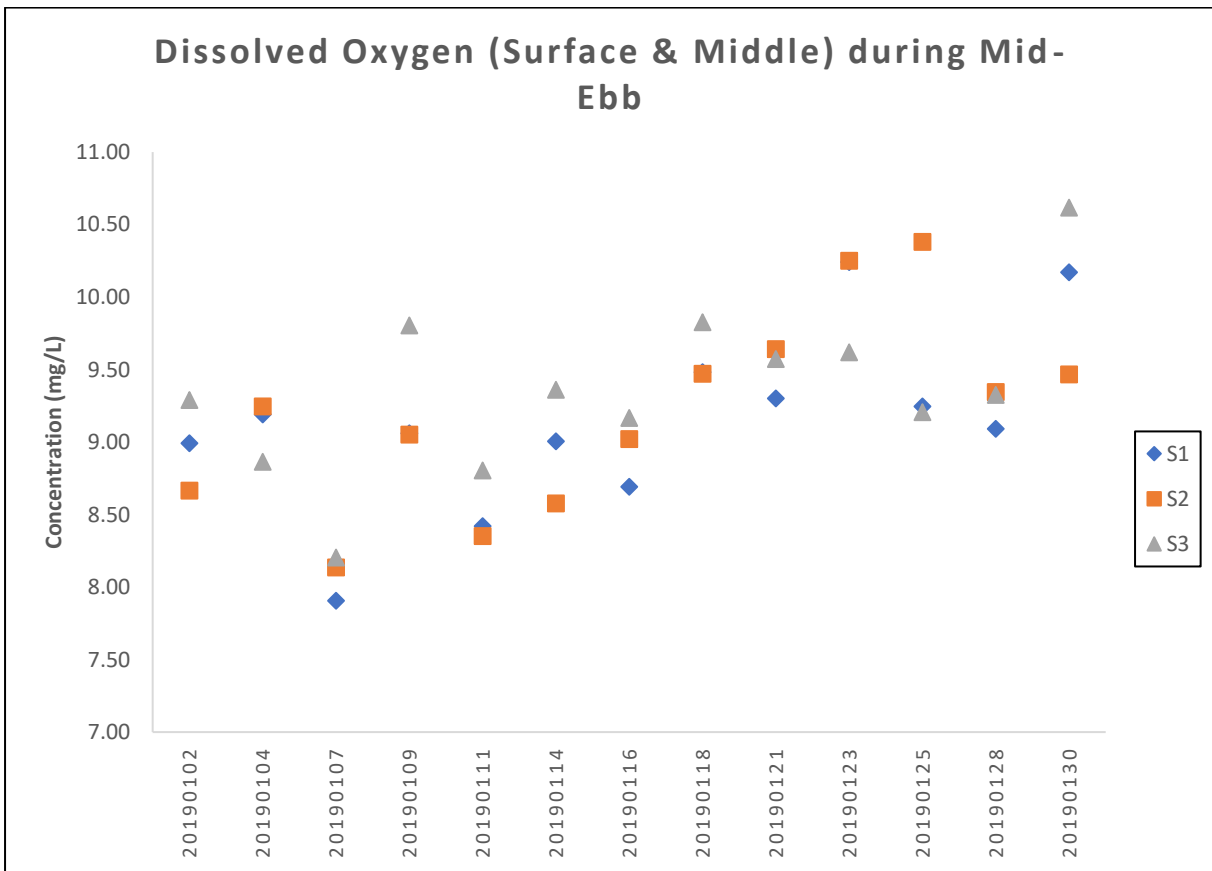
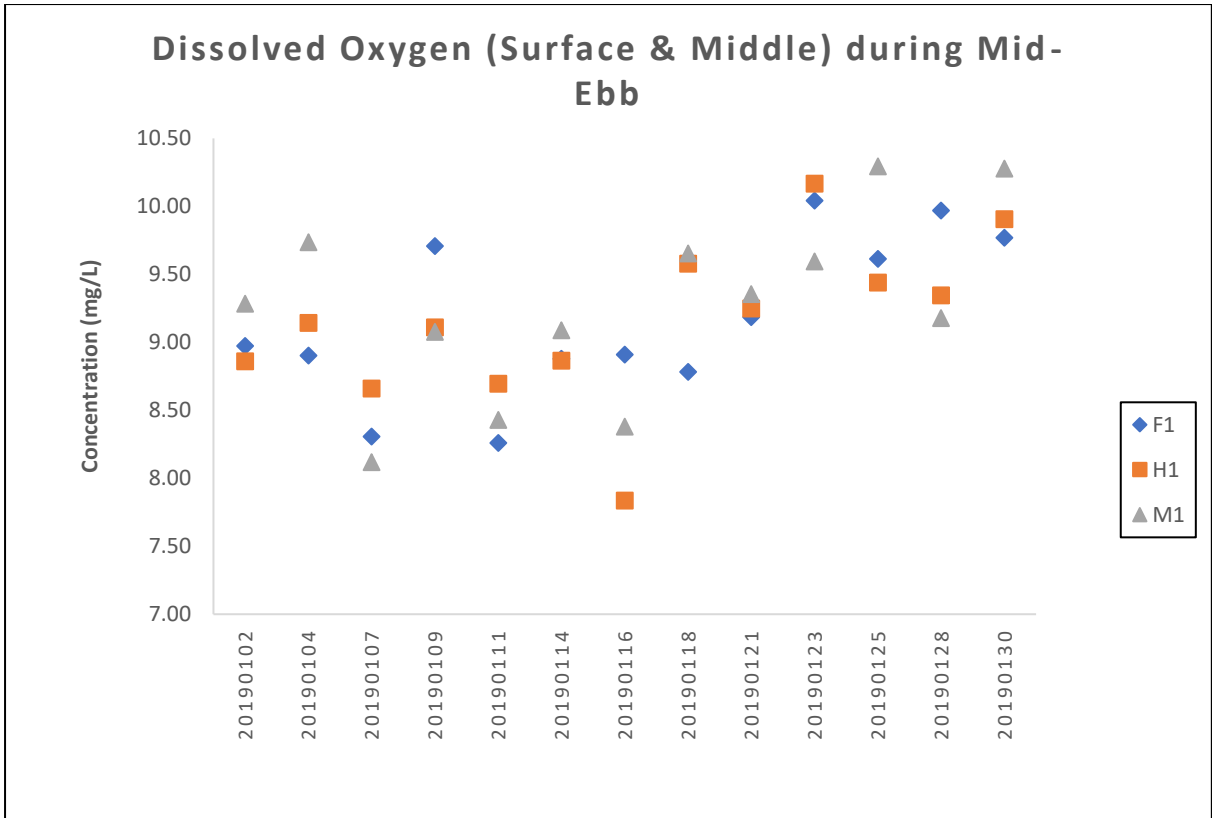
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



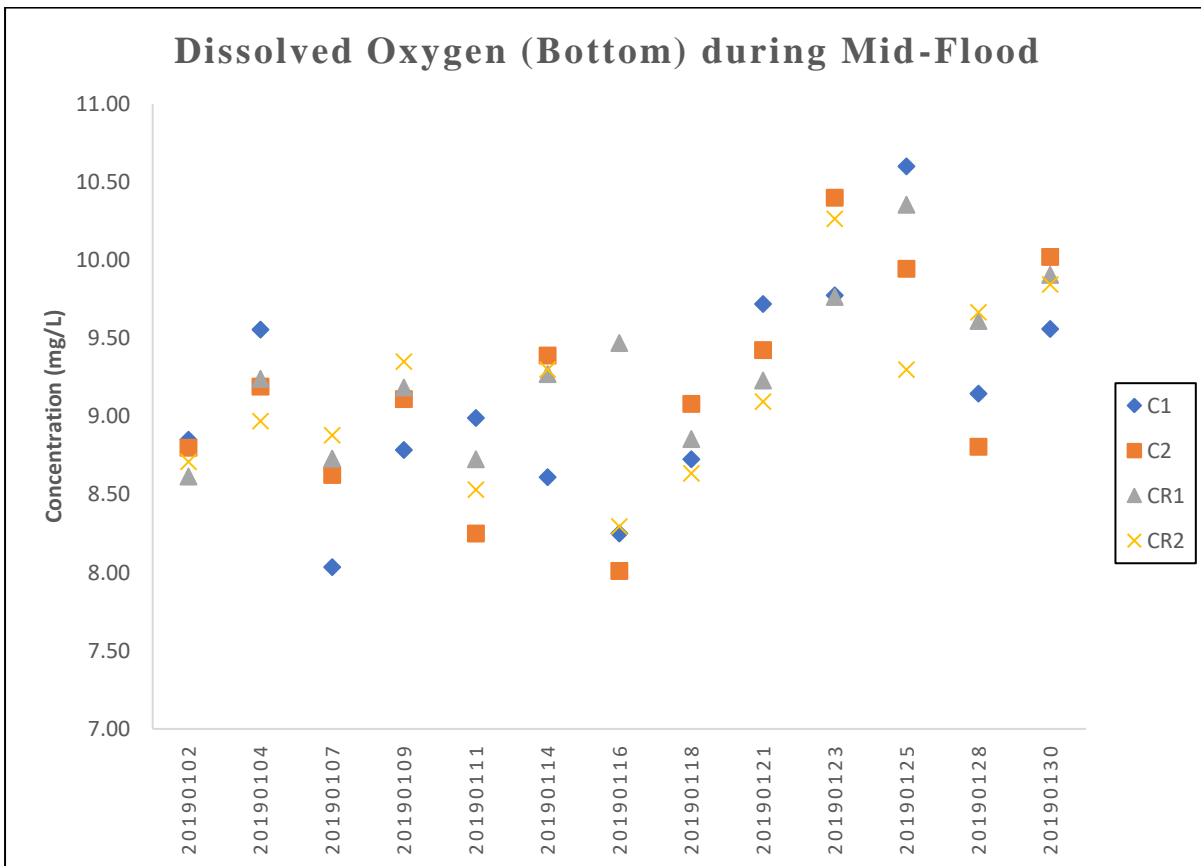
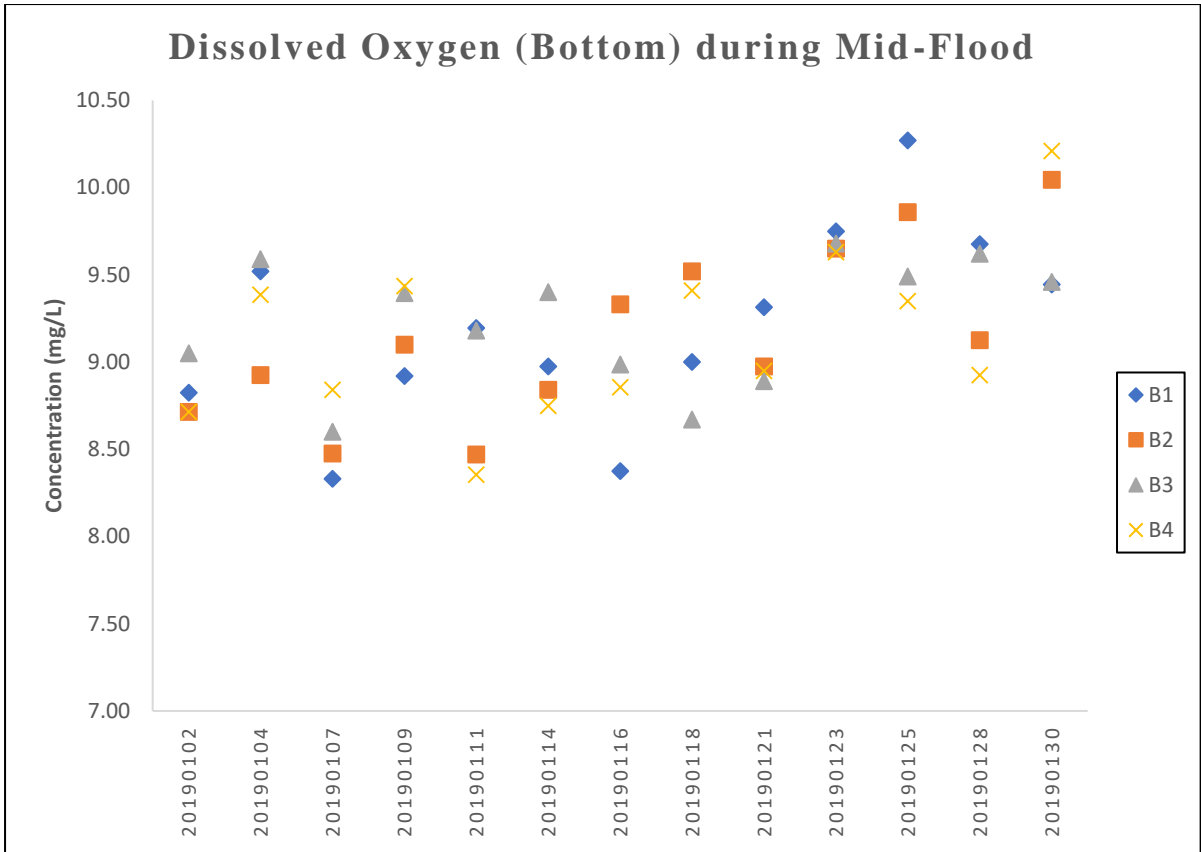
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



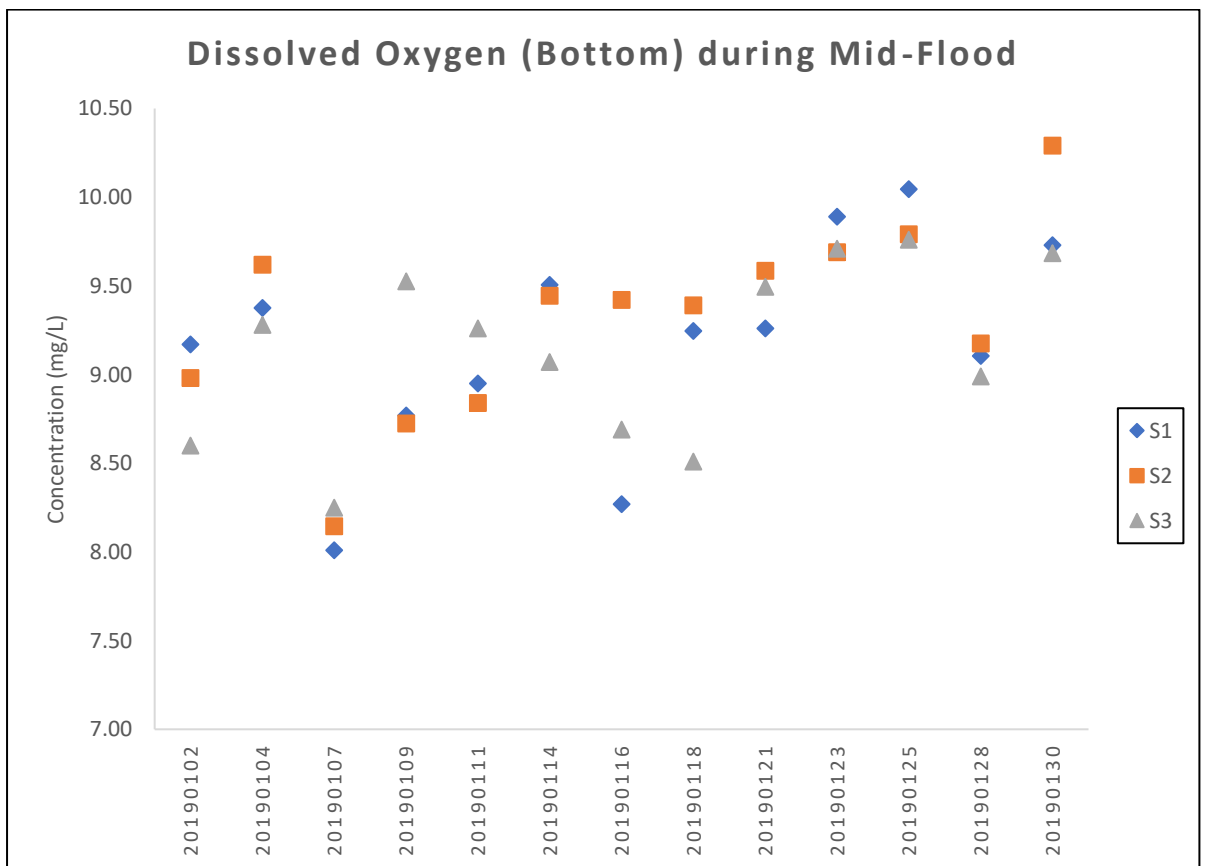
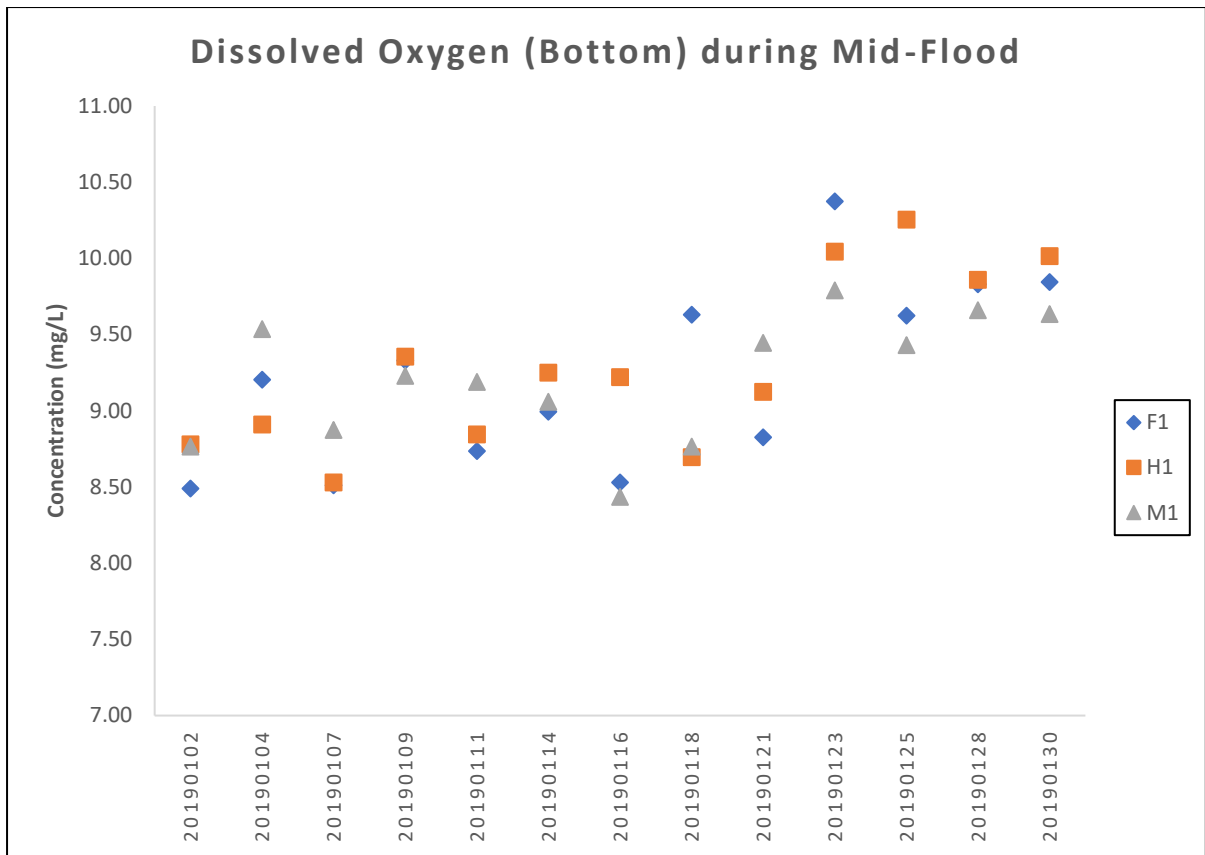
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



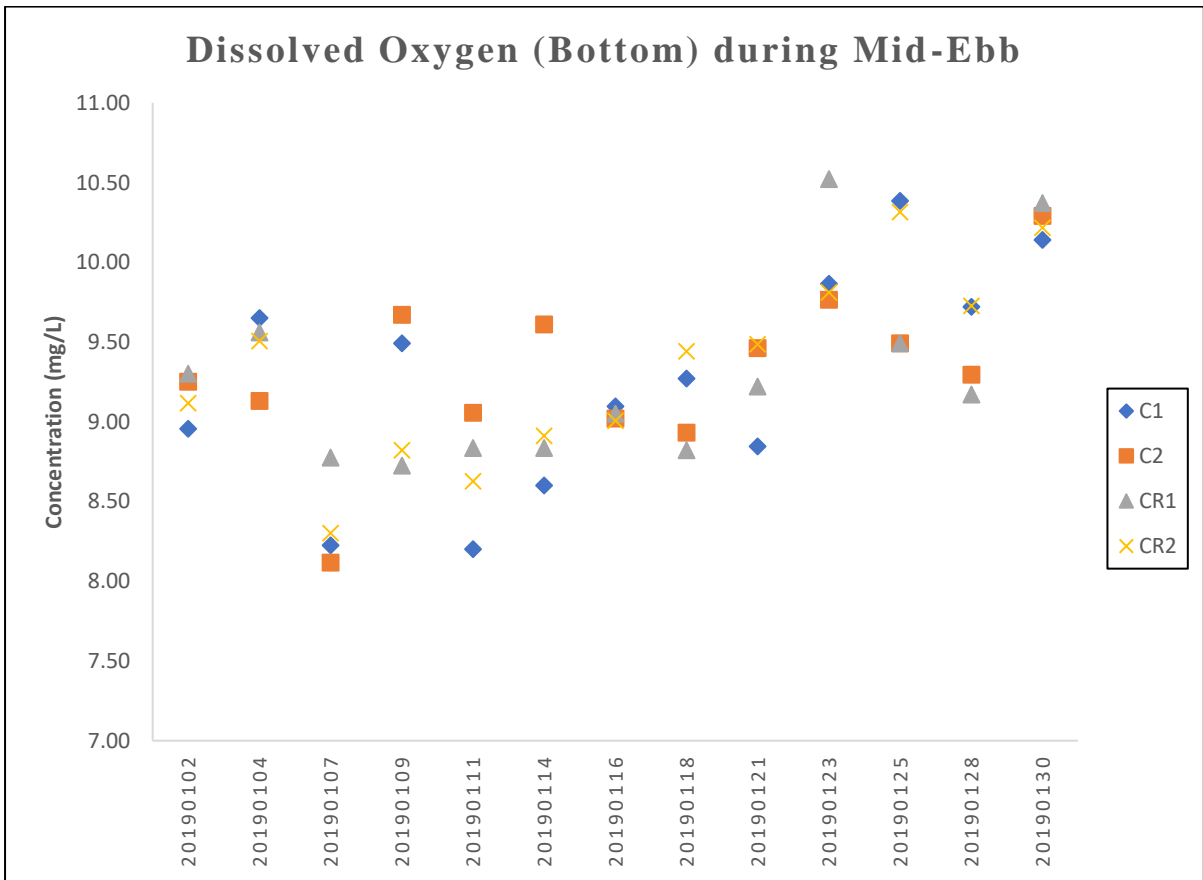
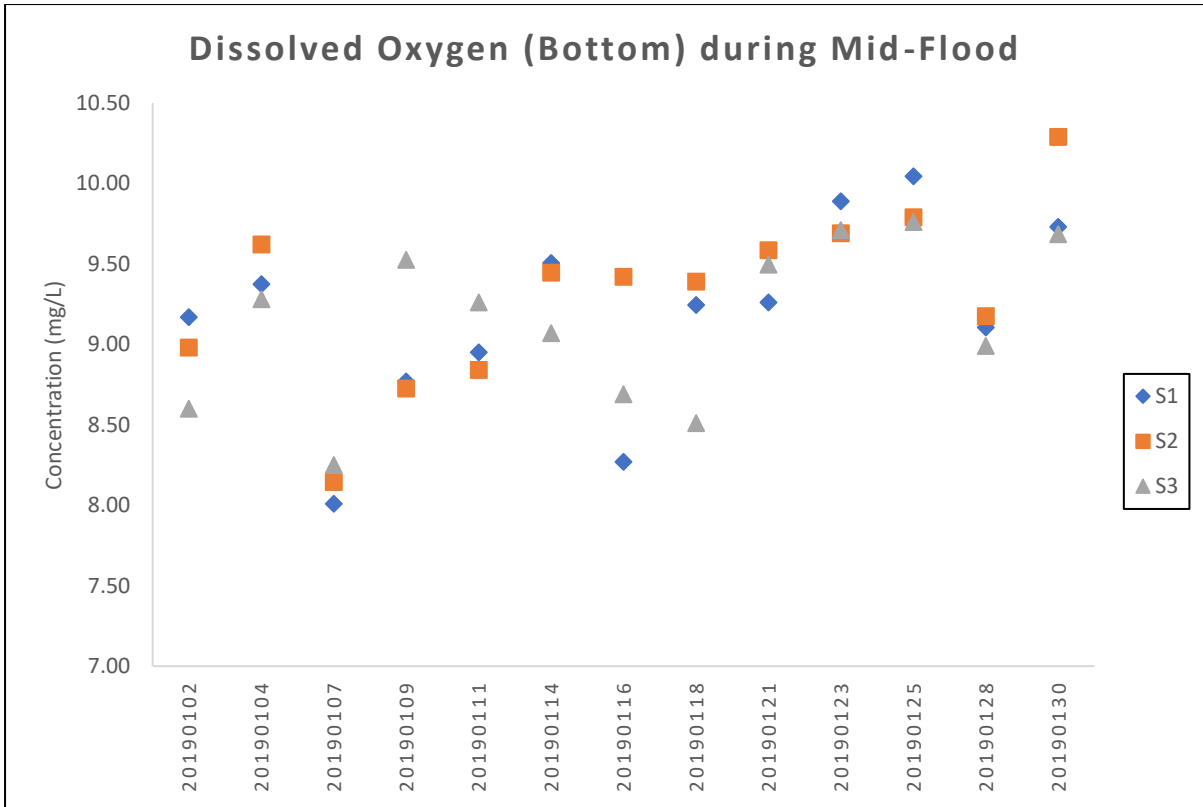
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



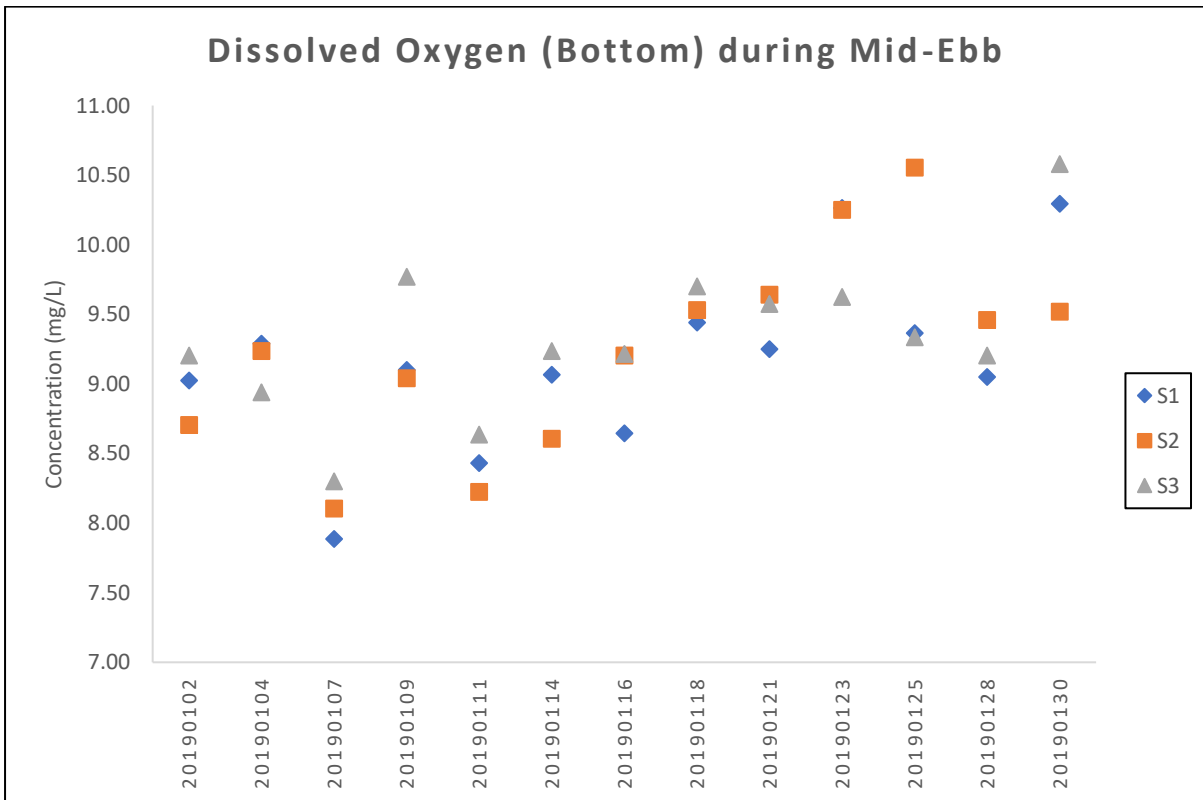
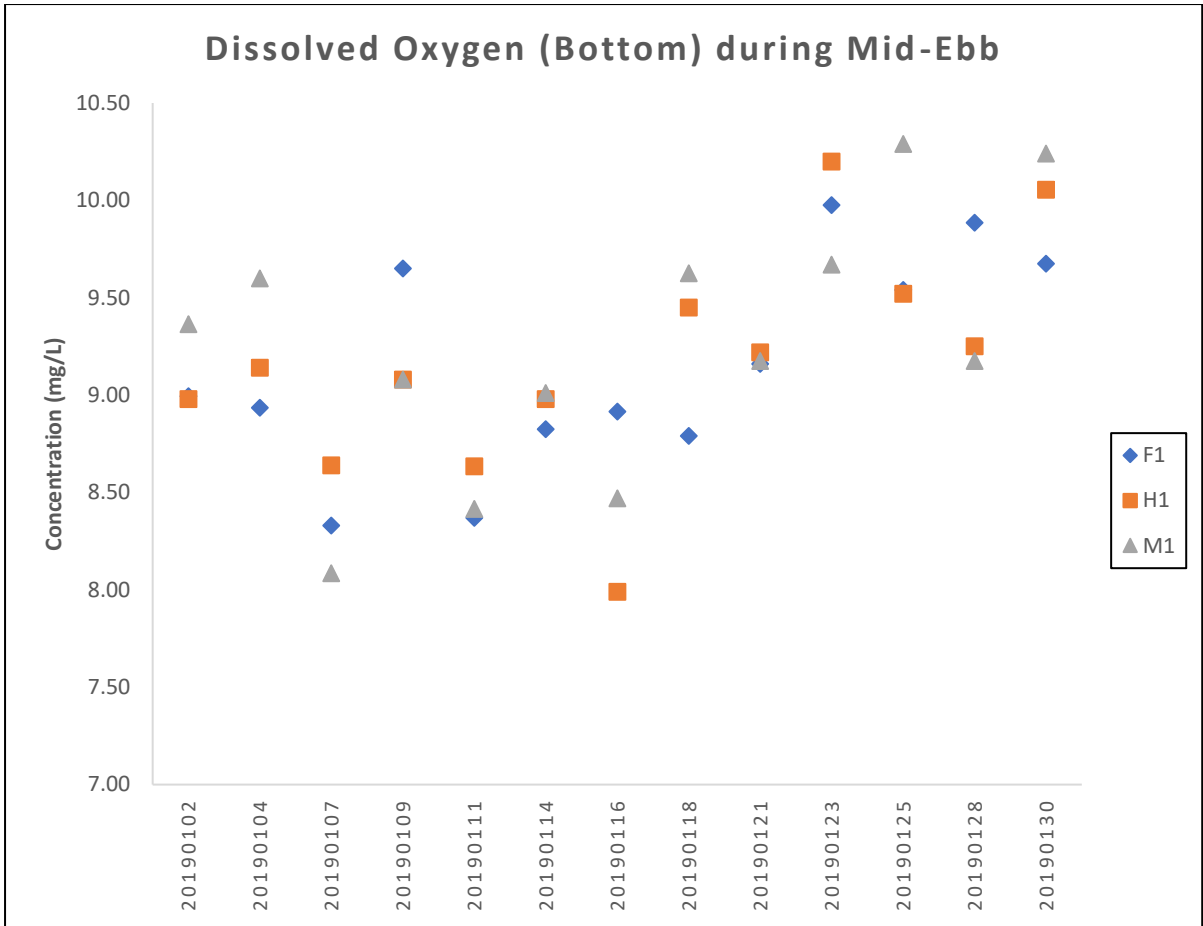
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



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

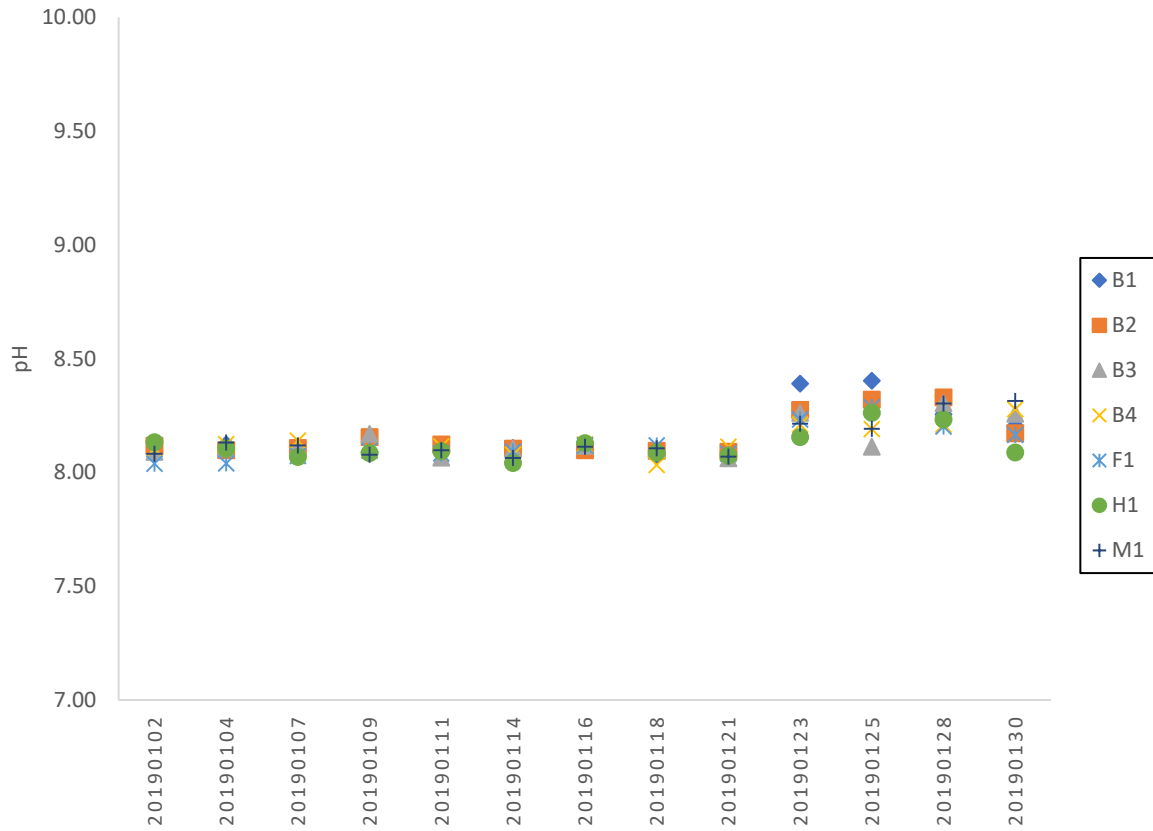


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

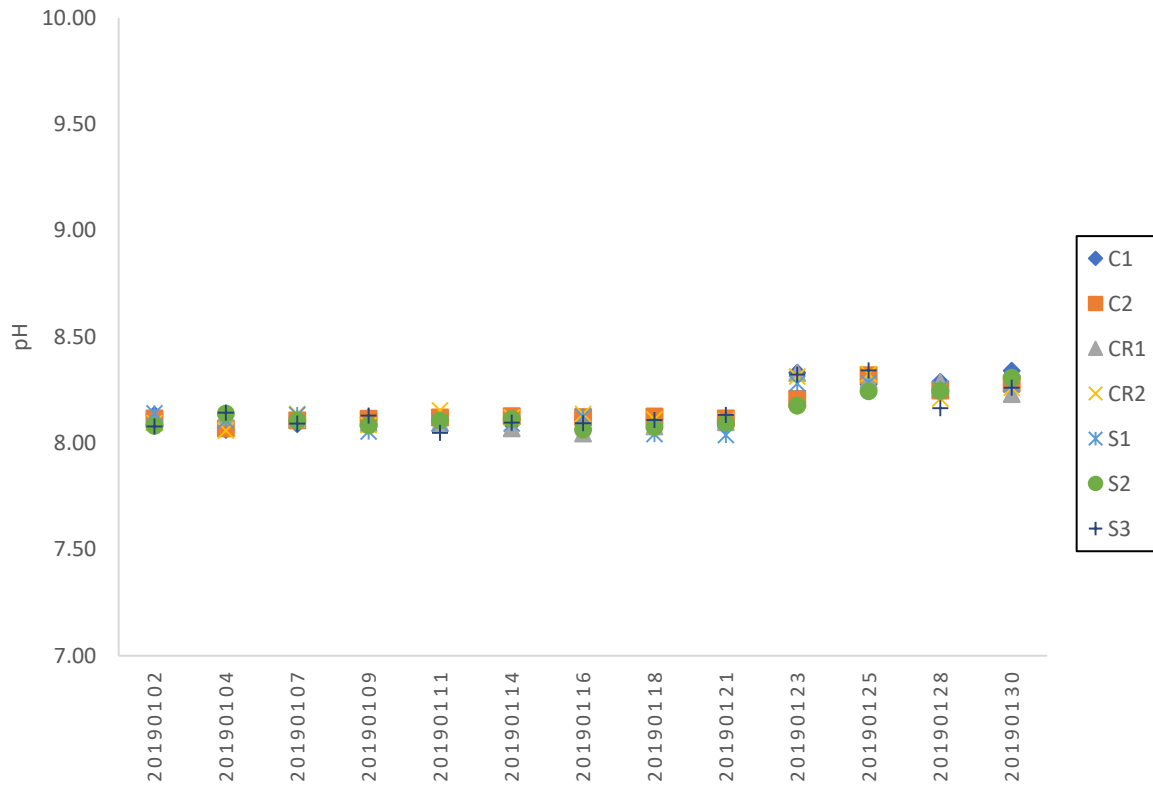


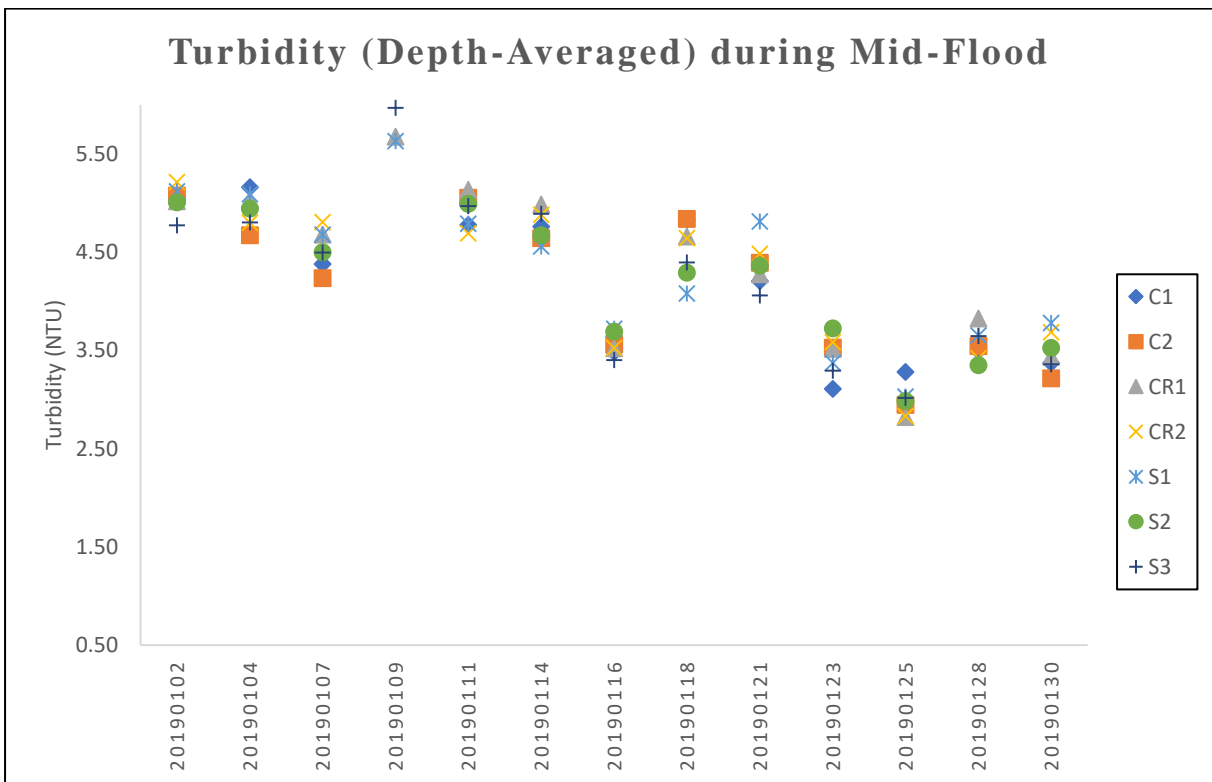
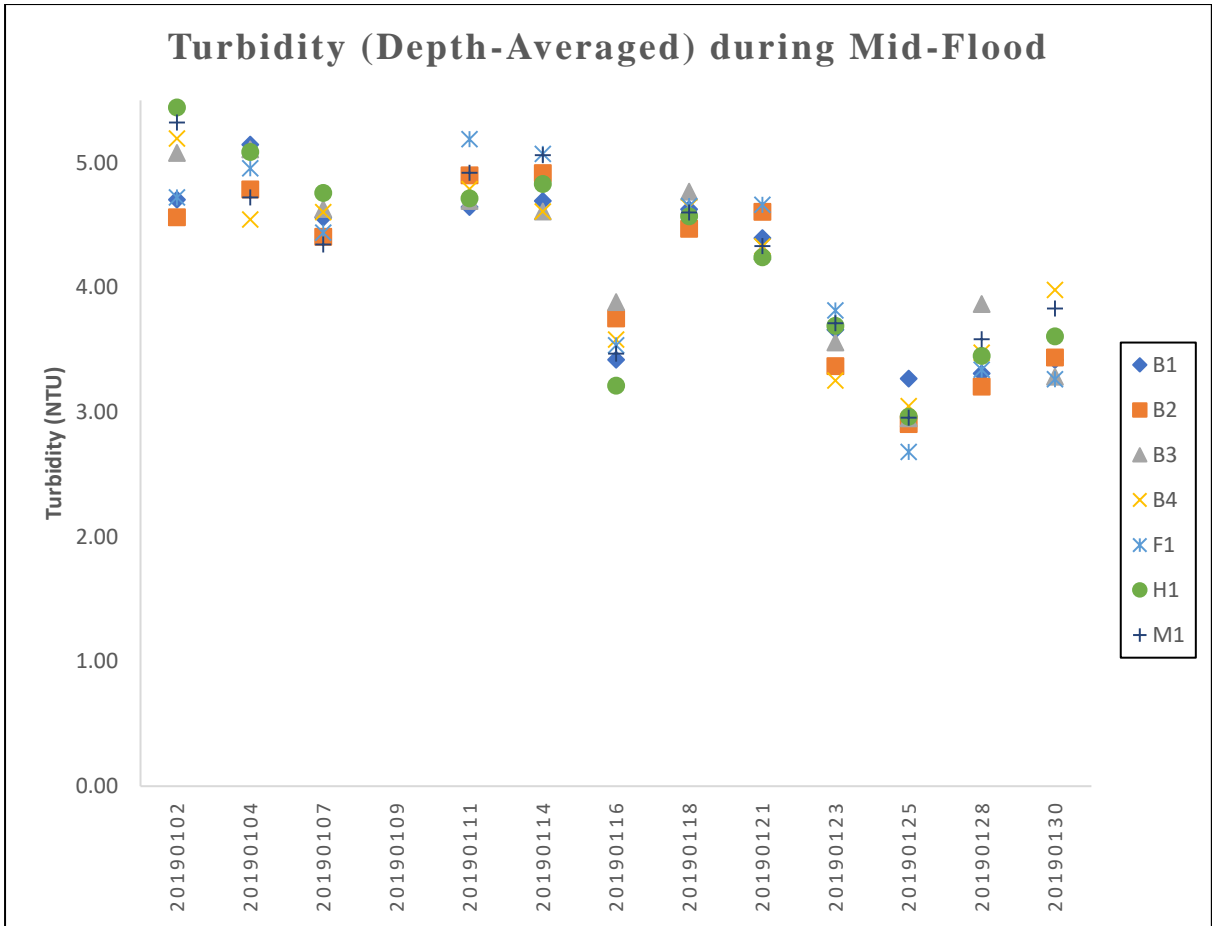
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

pH (Depth-Averaged) during Mid-Ebb

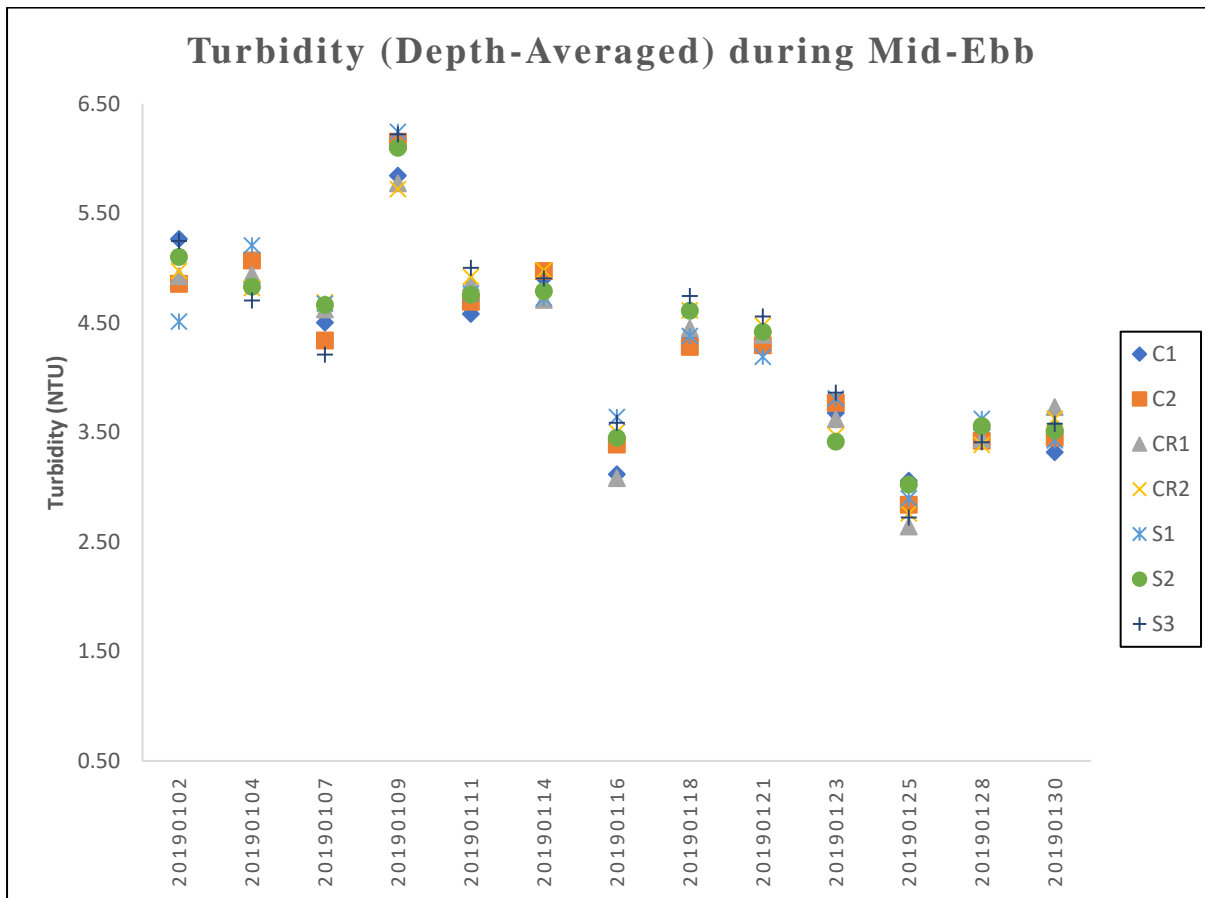
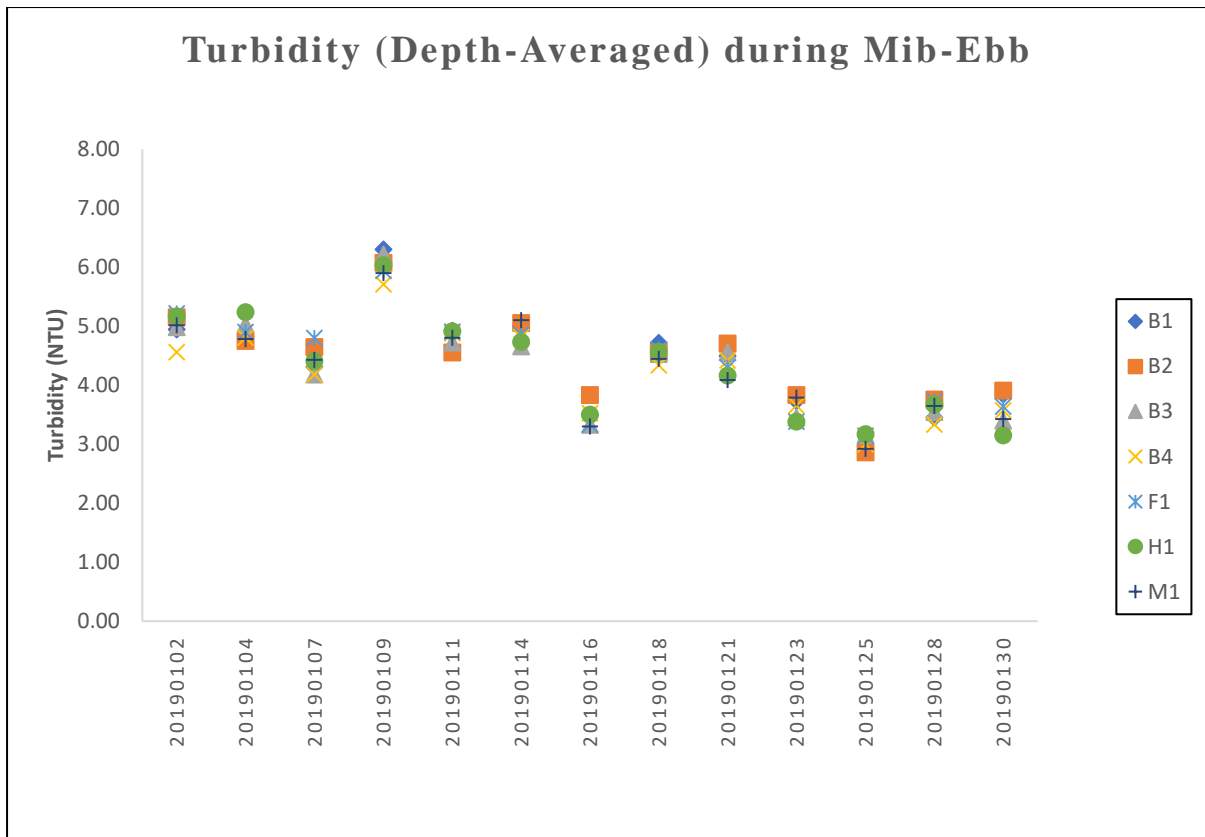


pH (Depth-Averaged) during Mid-Ebb

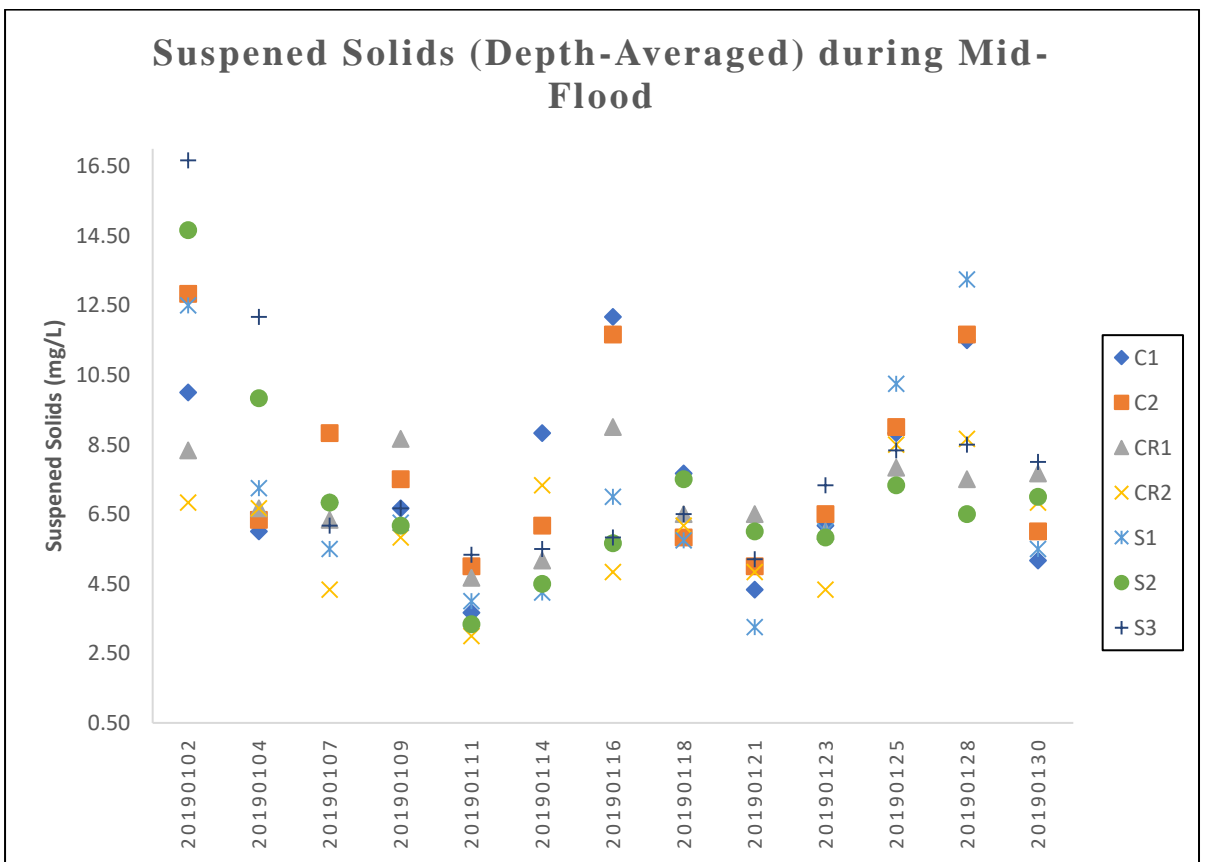
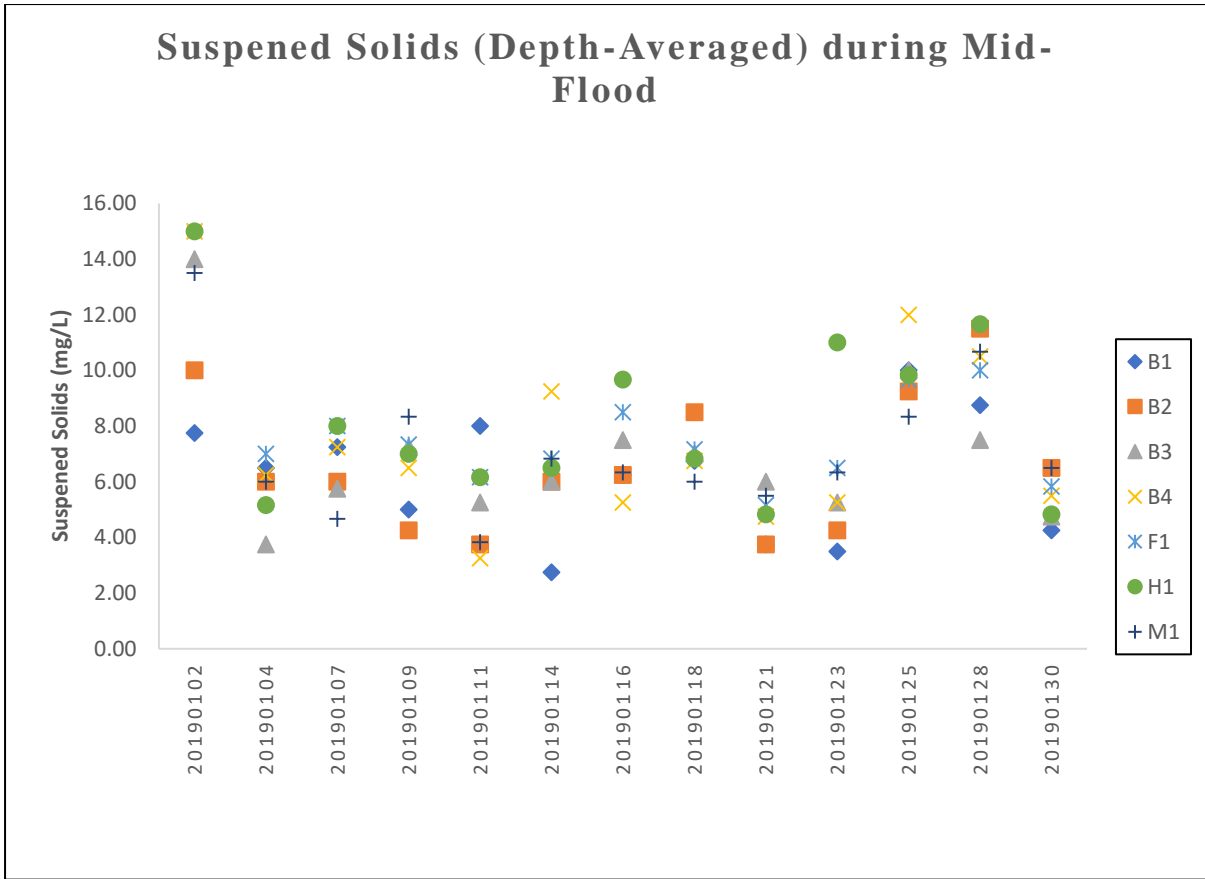




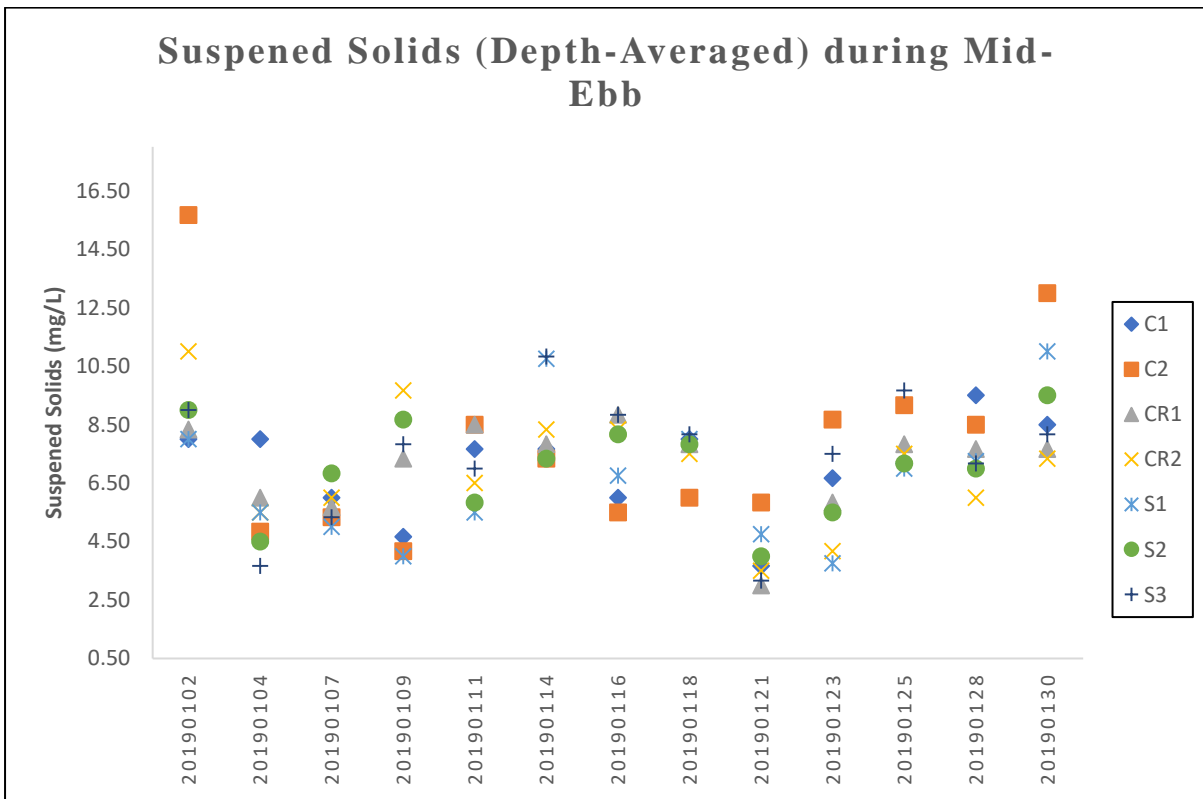
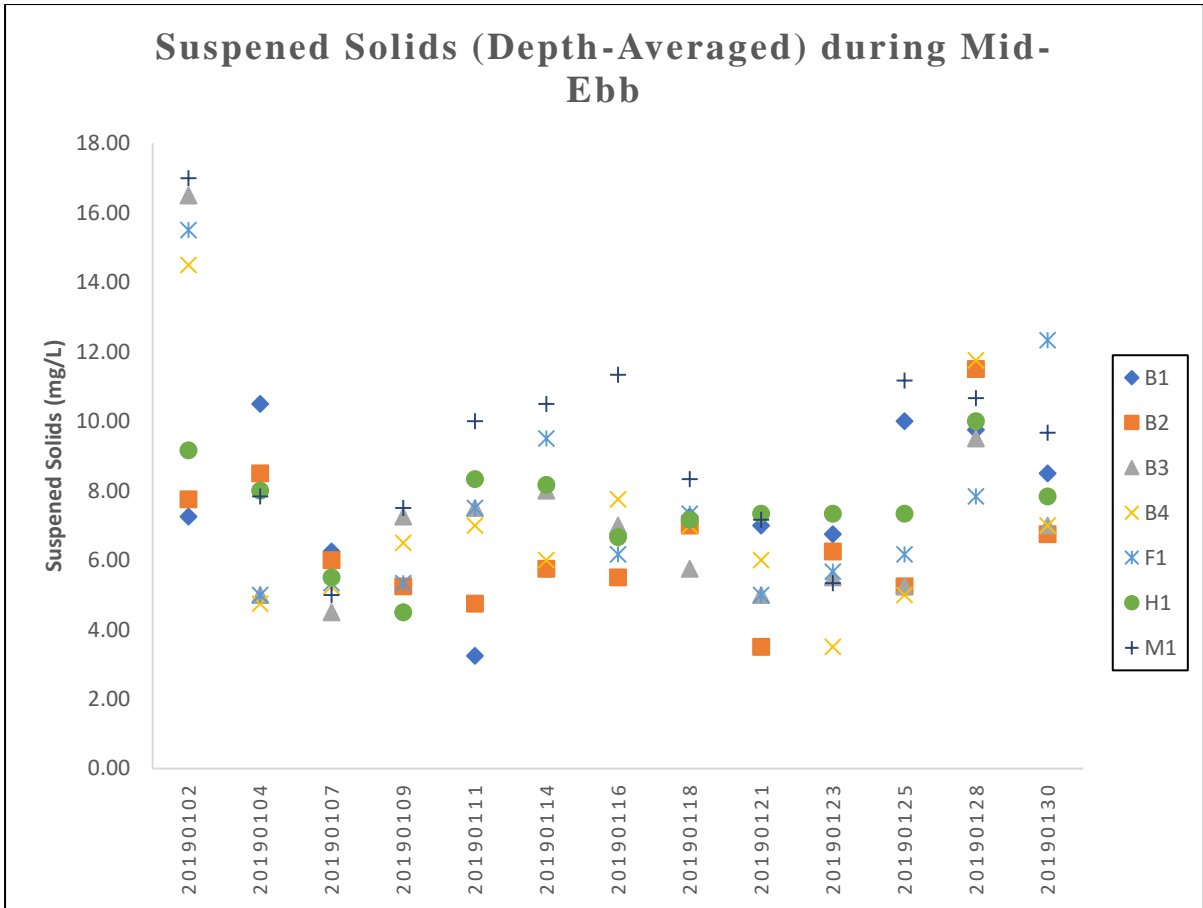
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



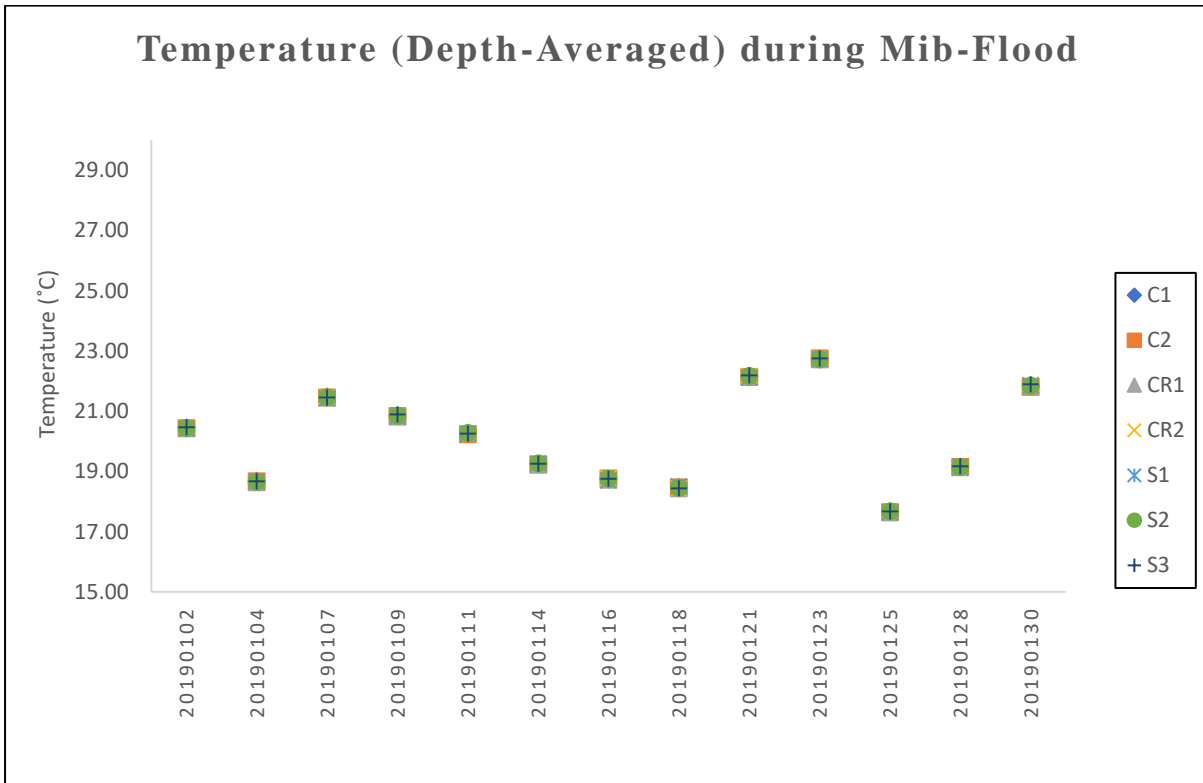
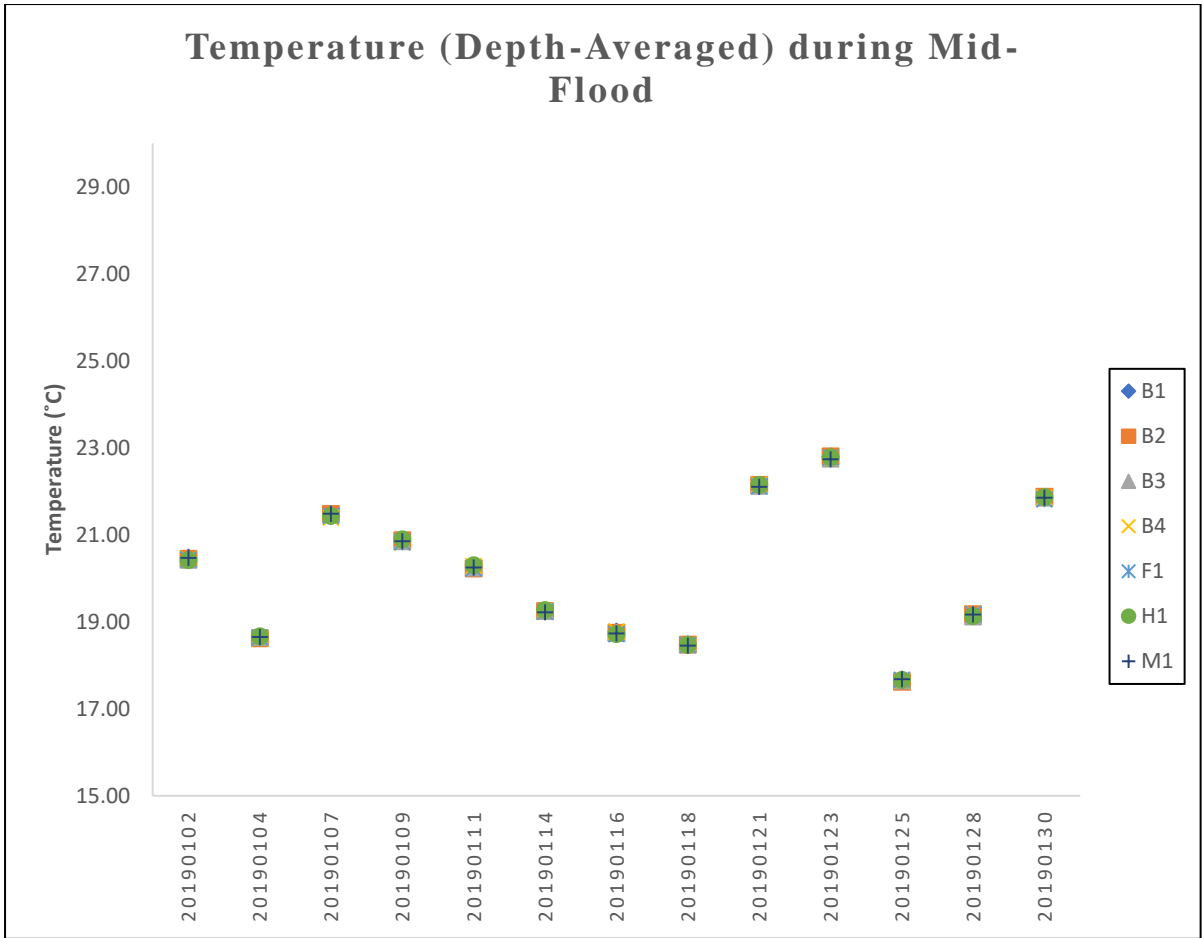
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



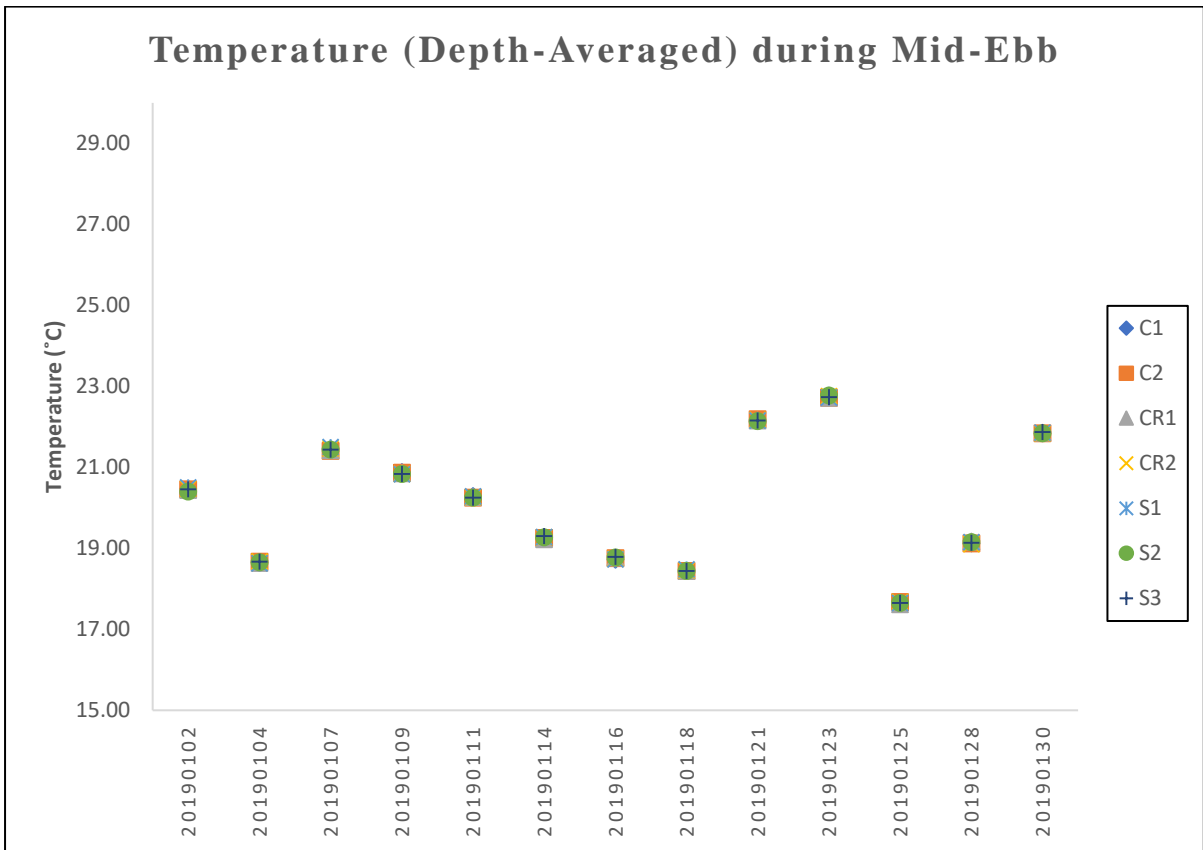
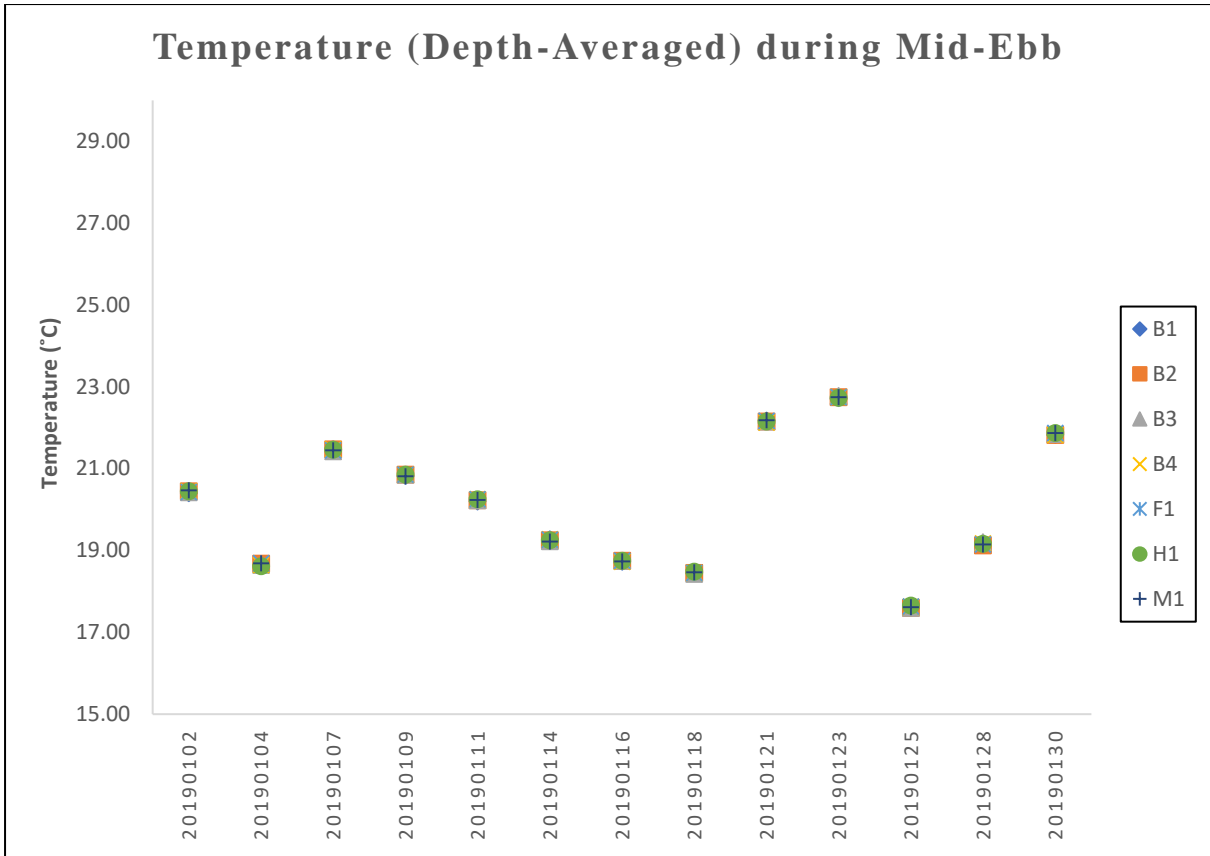
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



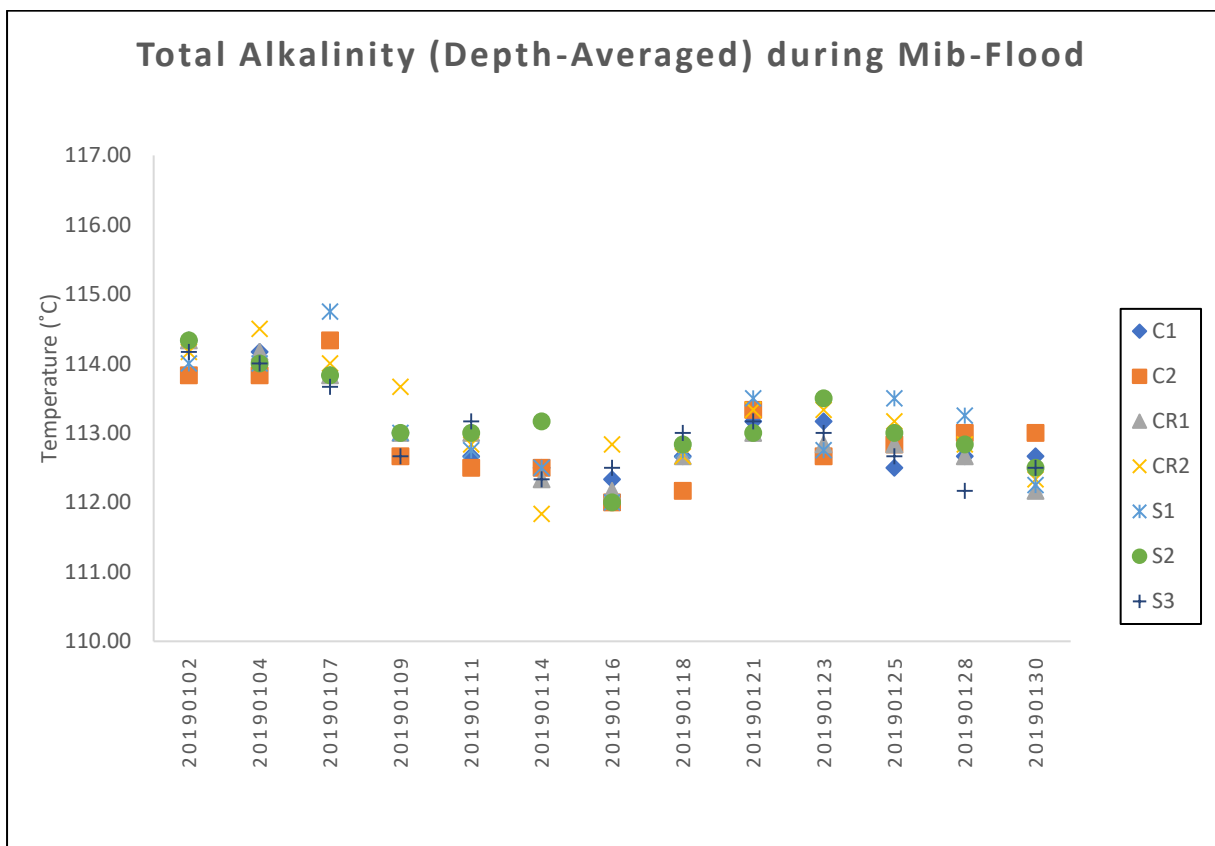
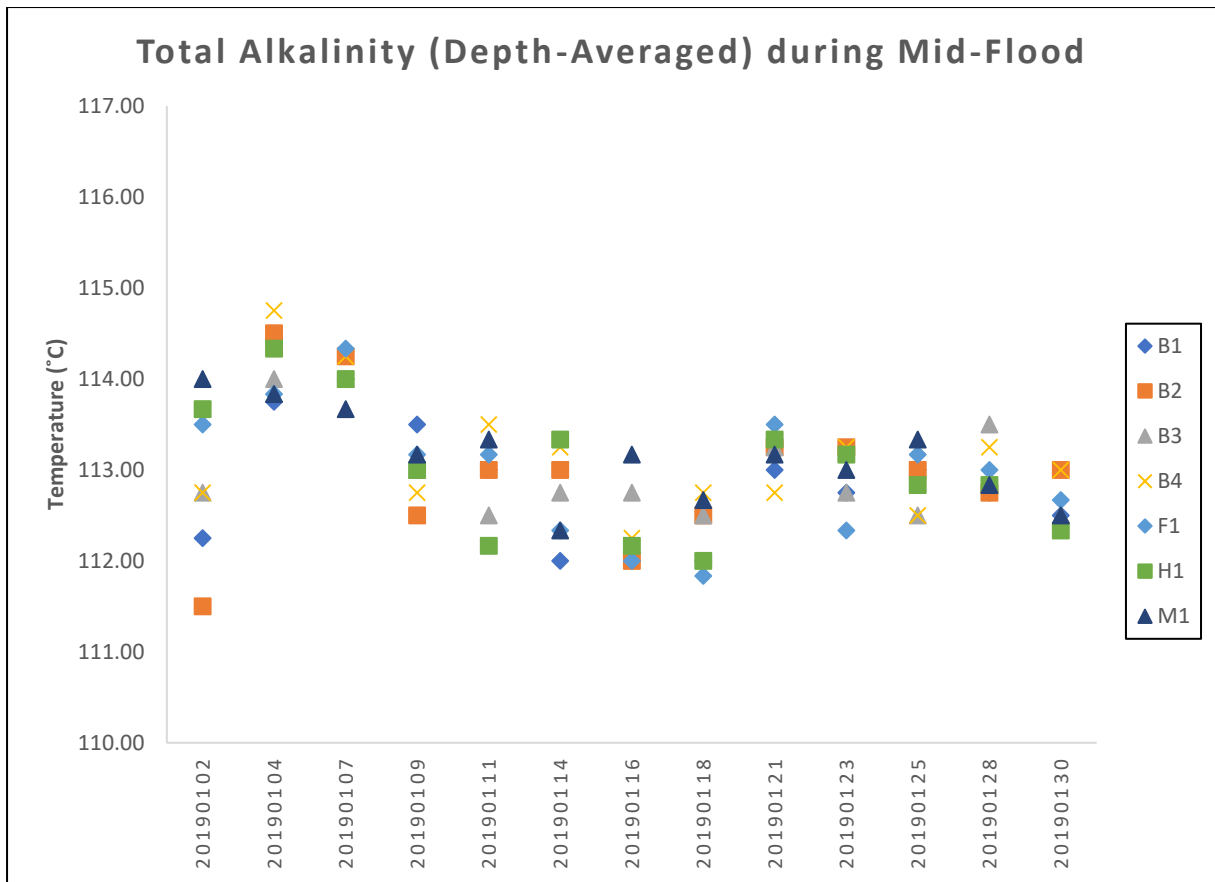
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



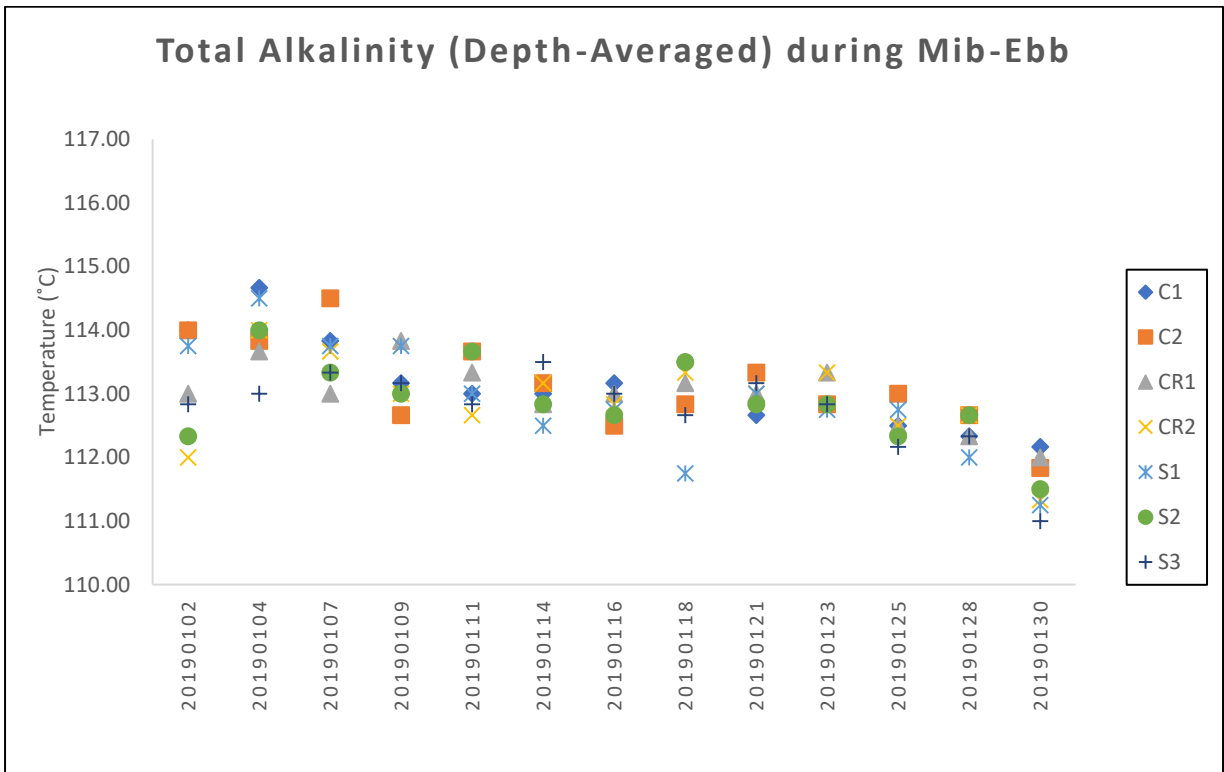
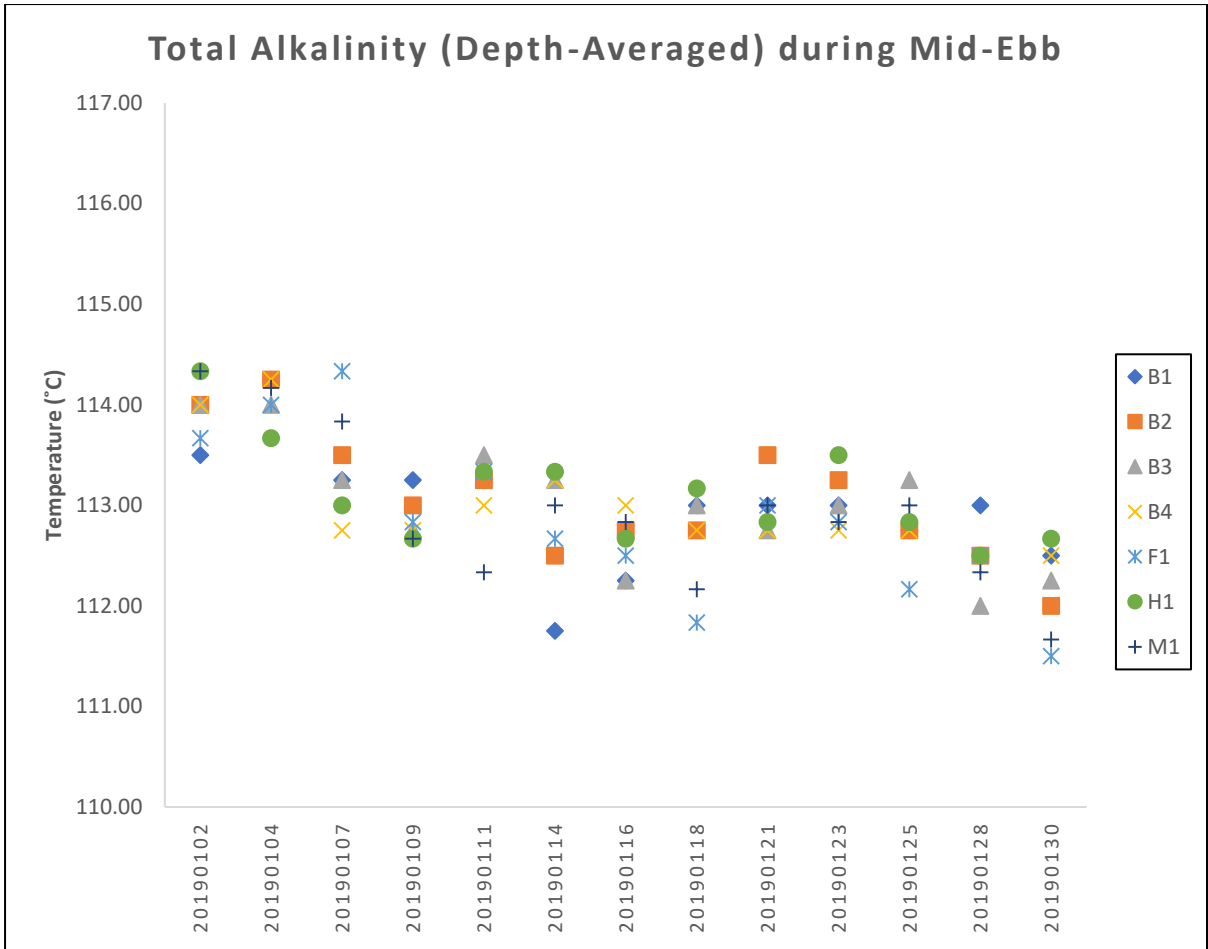
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



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

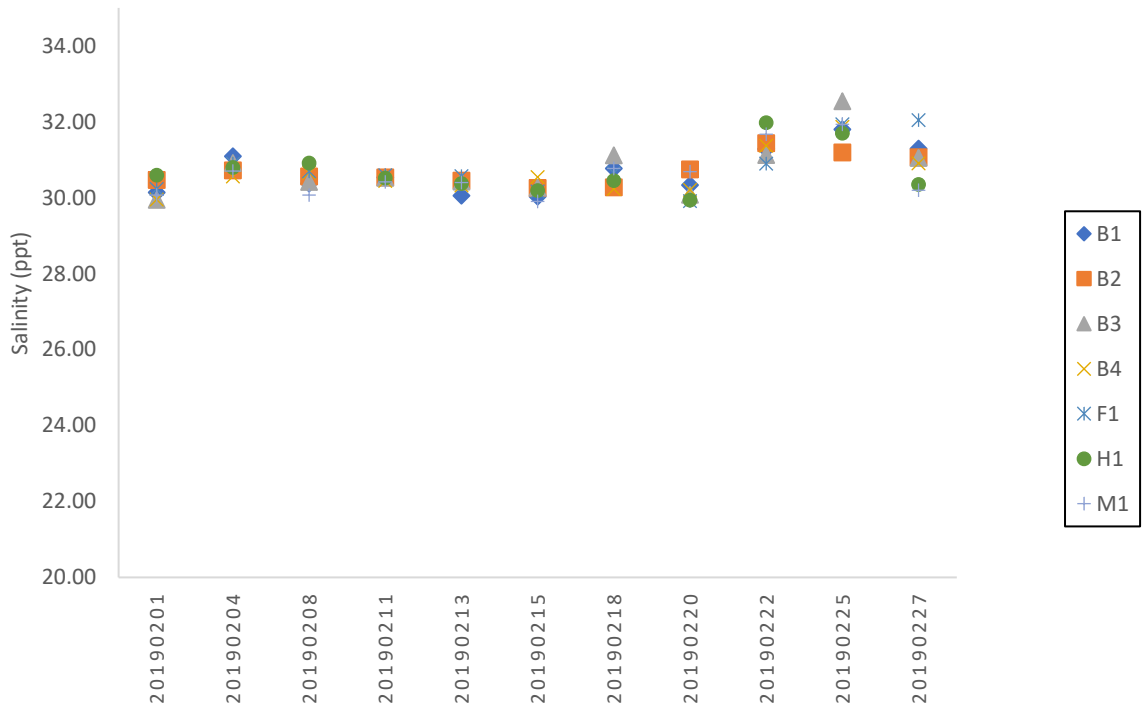


Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

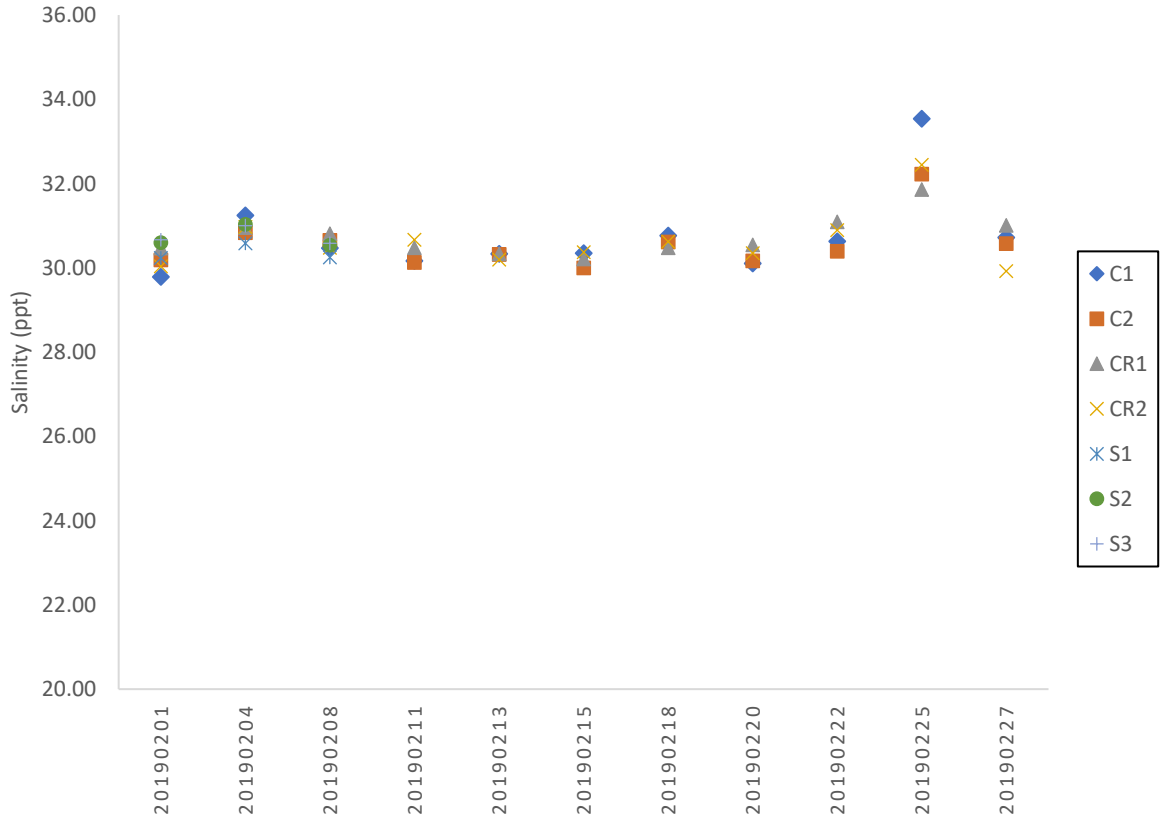


Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

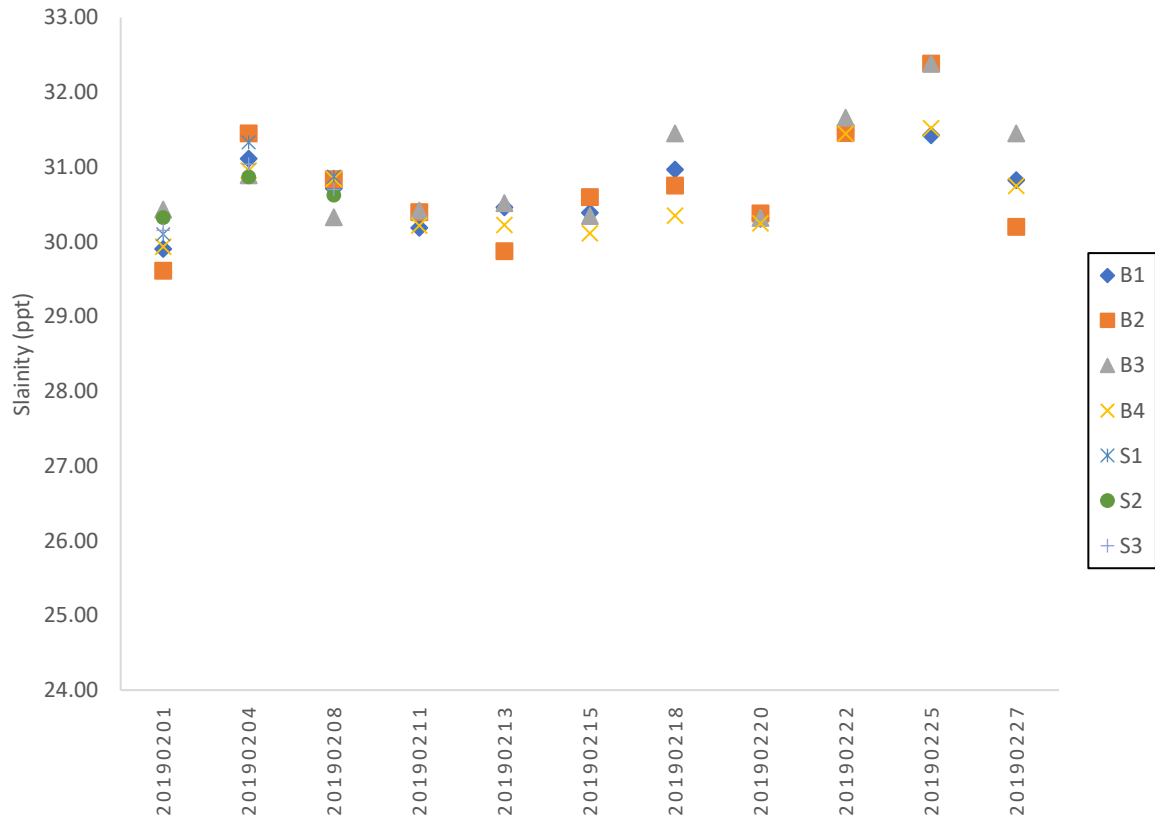
Salinity (Depth-averaged) during Mid-Flood



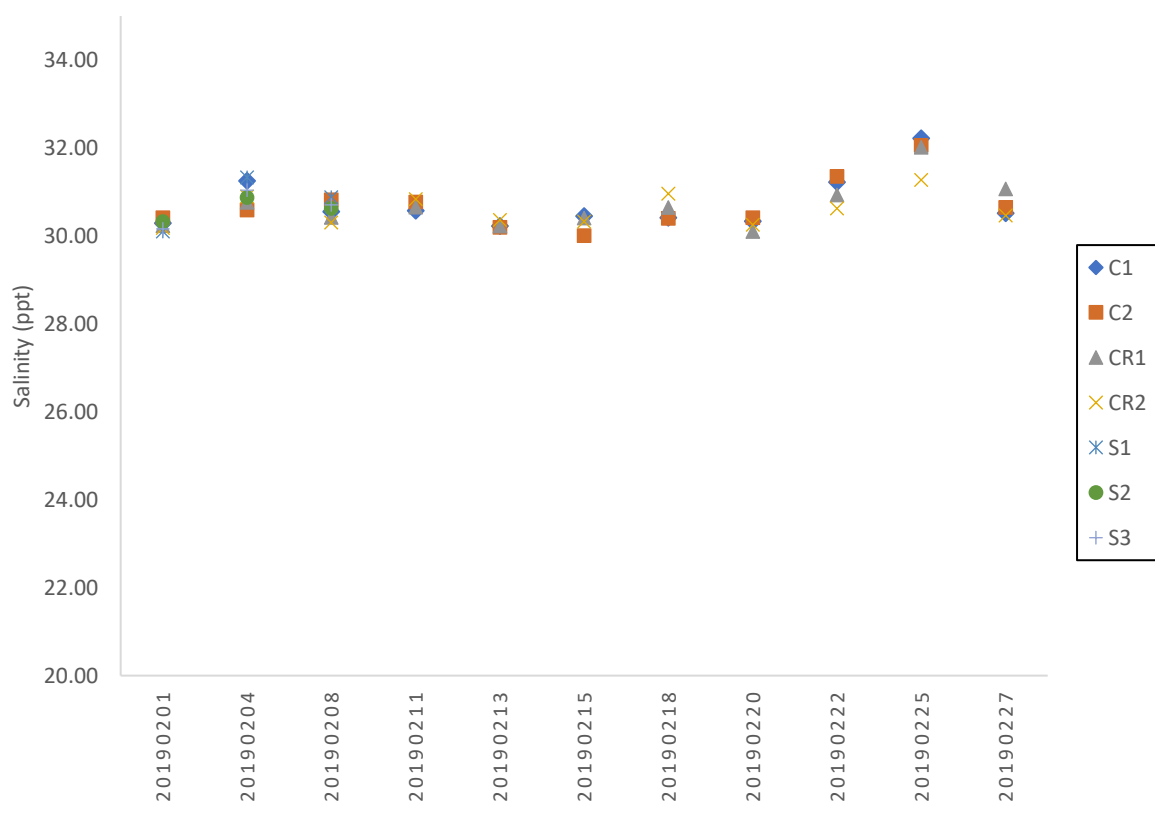
Salinity (Depth-averaged) during Mid-Flood

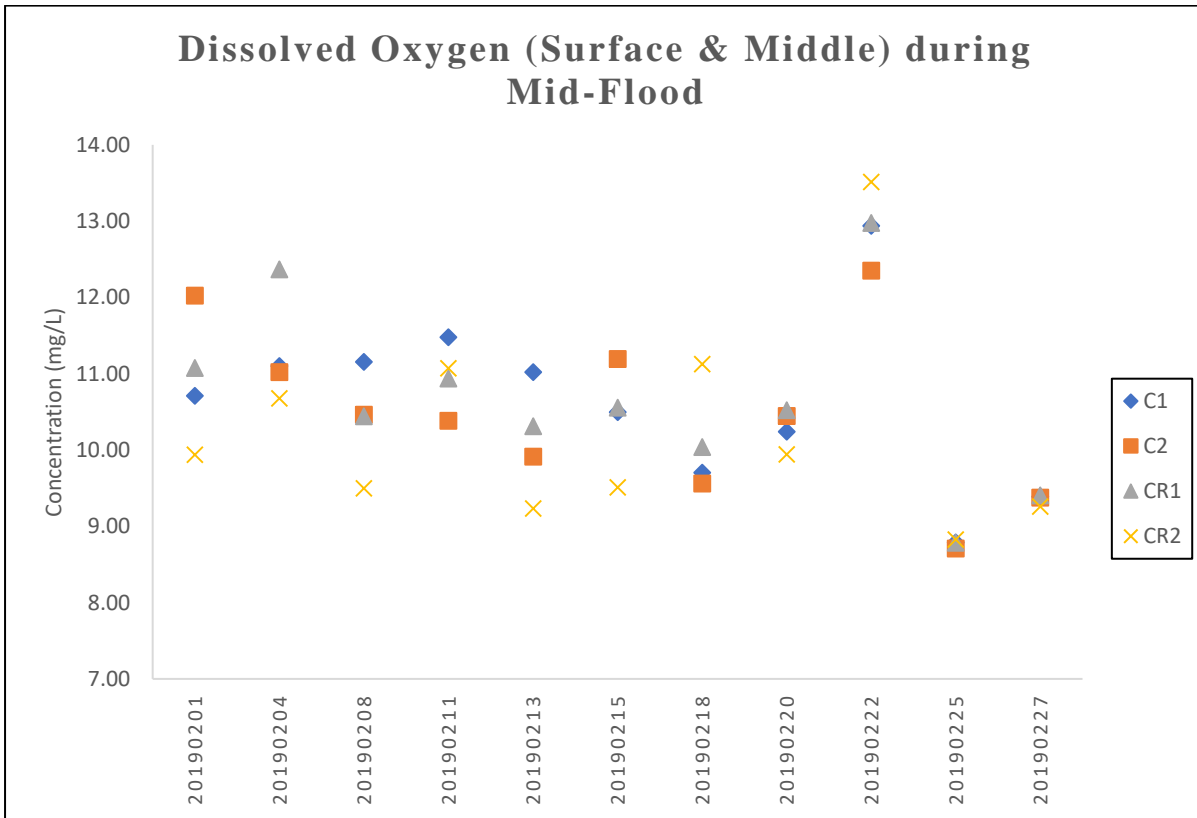
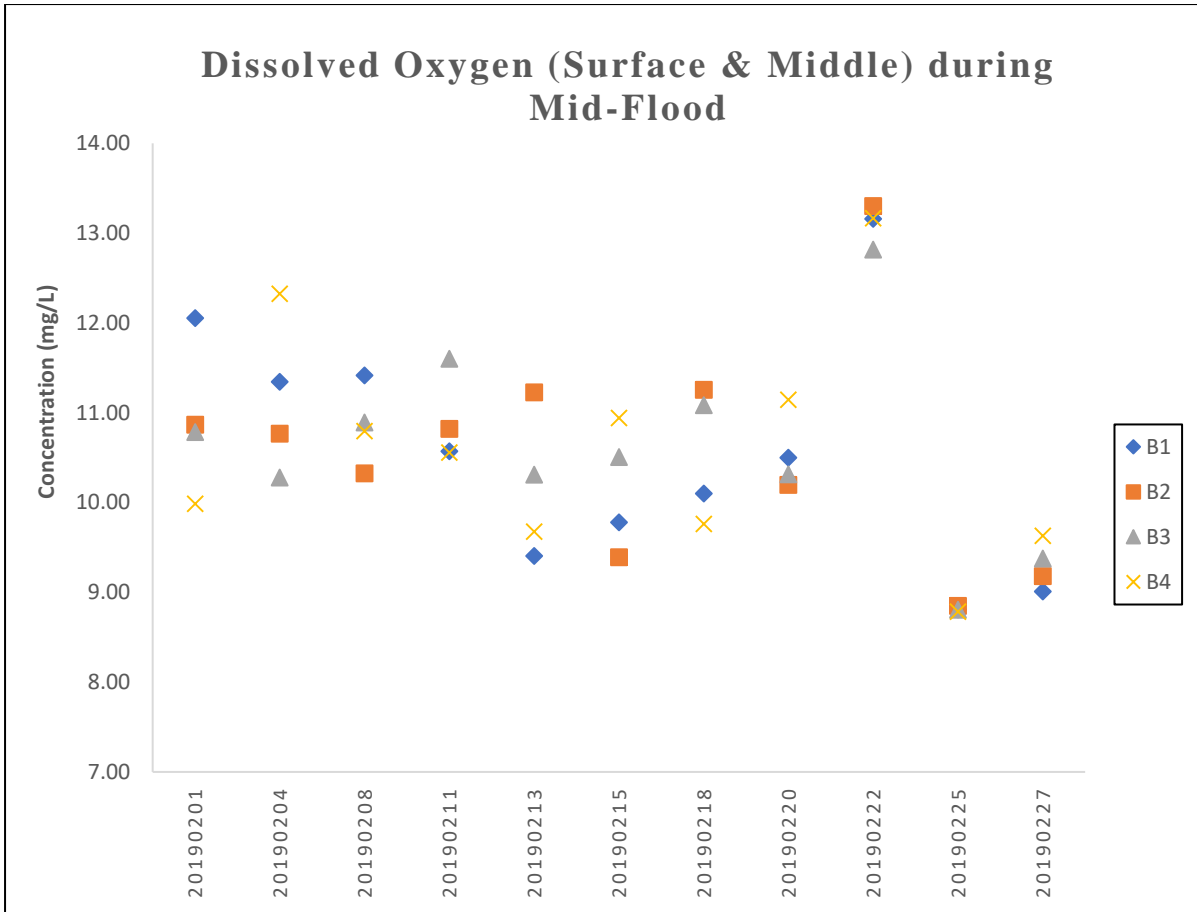


Salinity (Depth-averaged) during Mid-Ebb

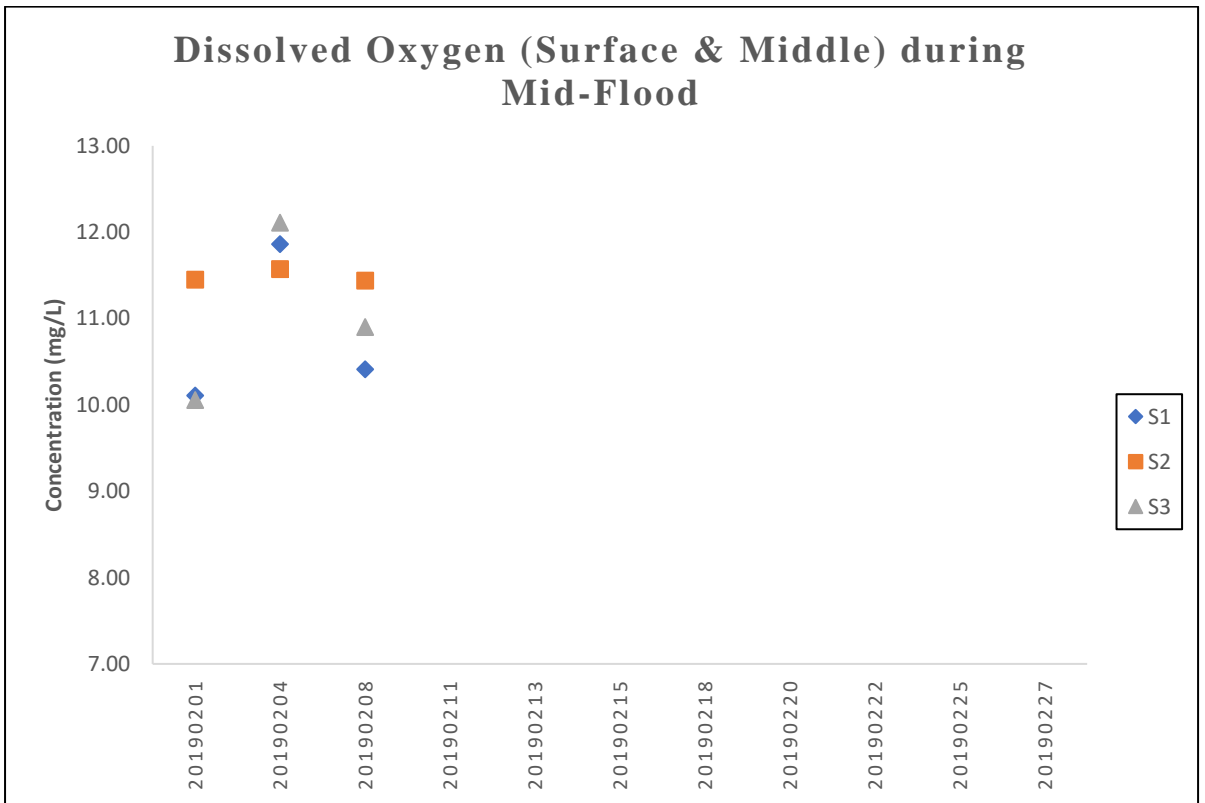
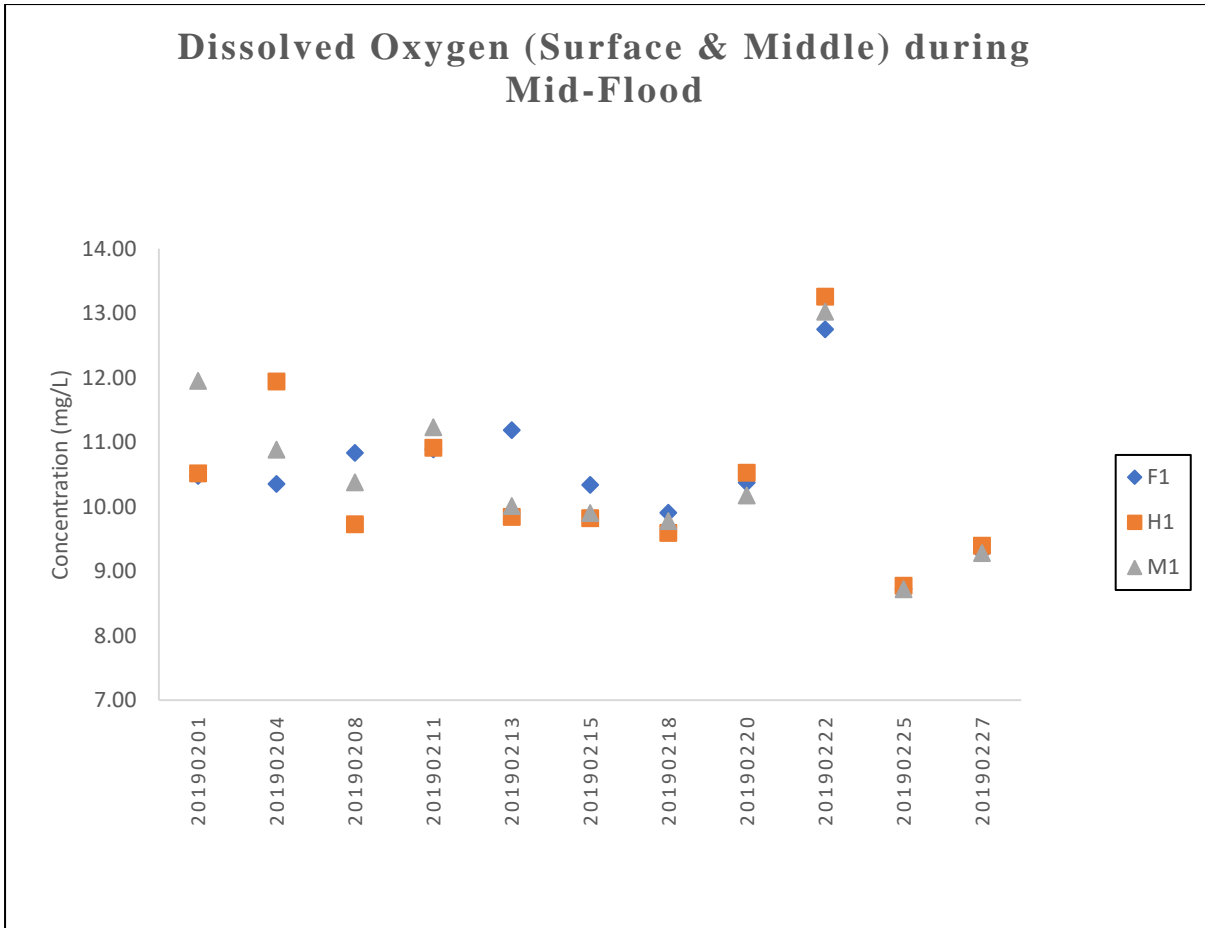


Salinity (Depth-averaged) during Mid-Ebb

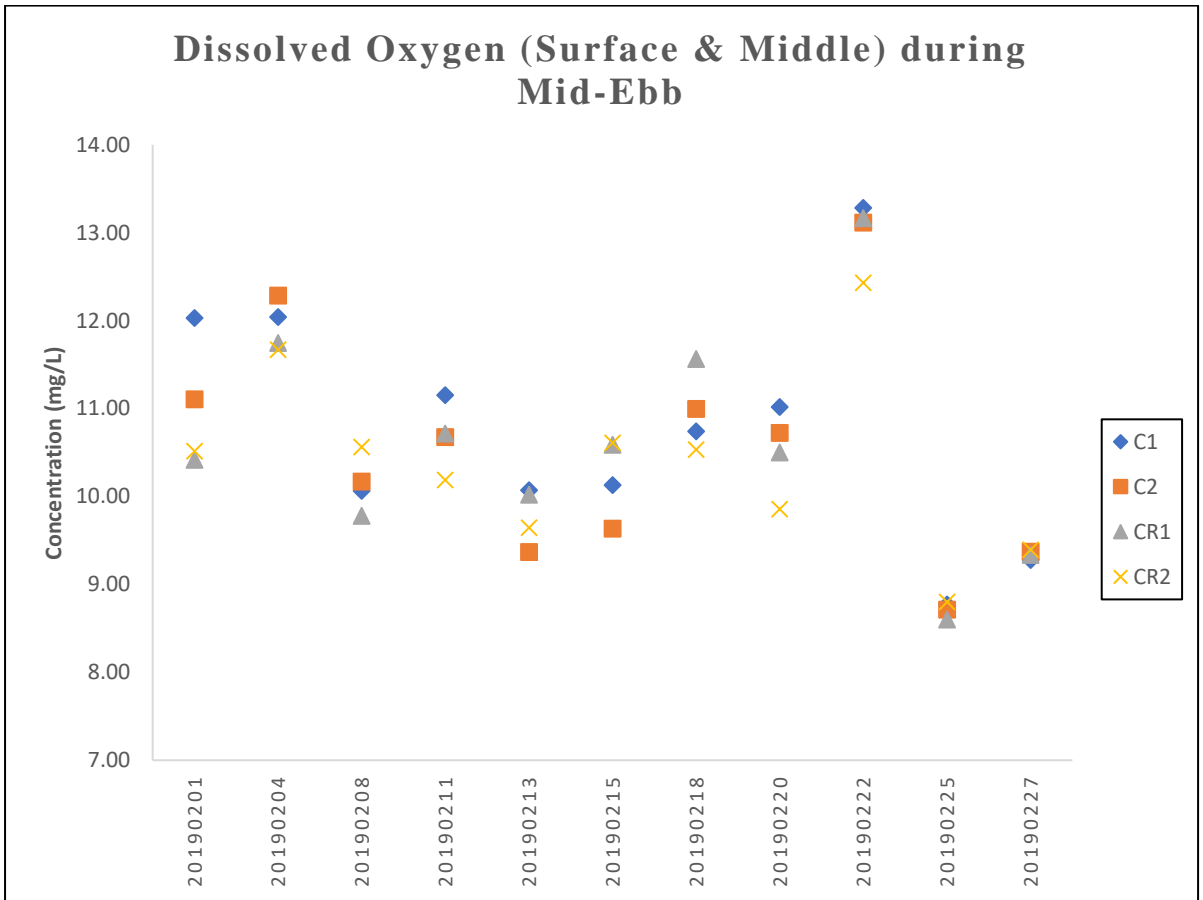
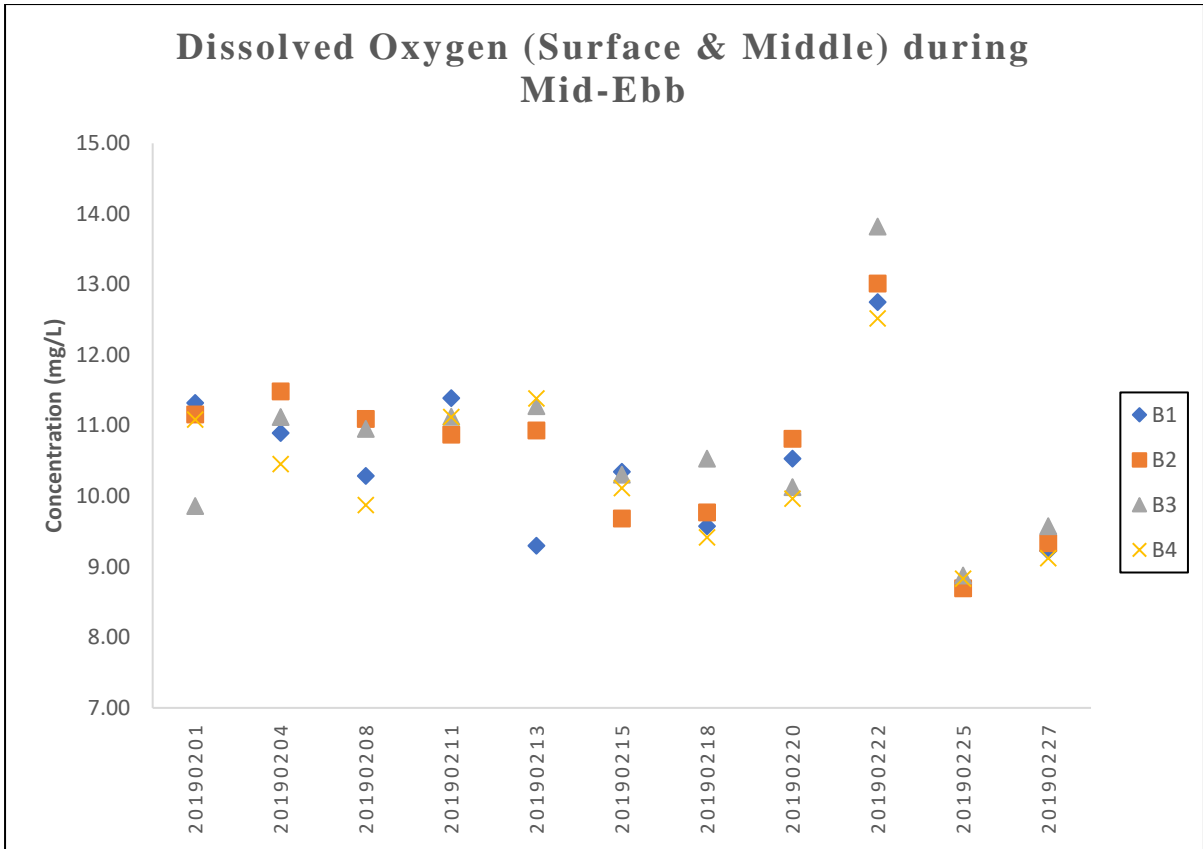




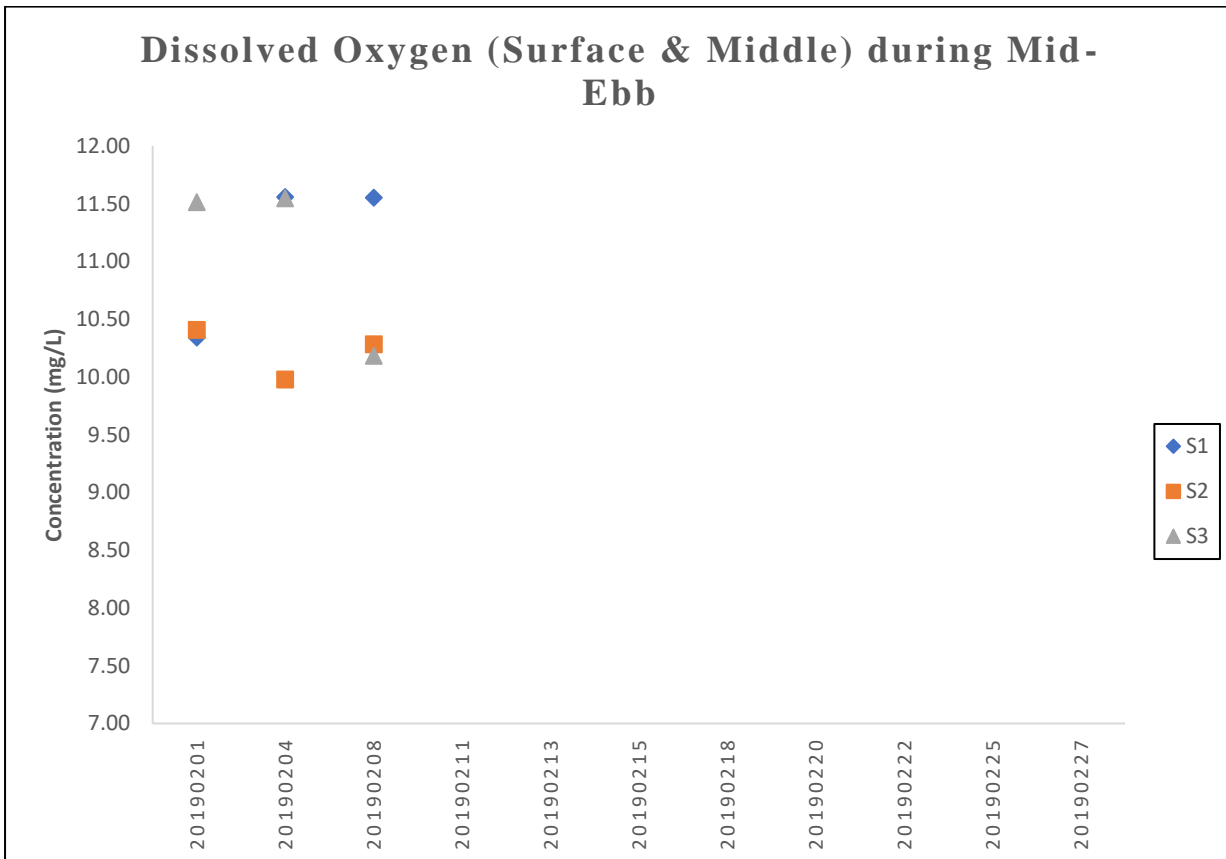
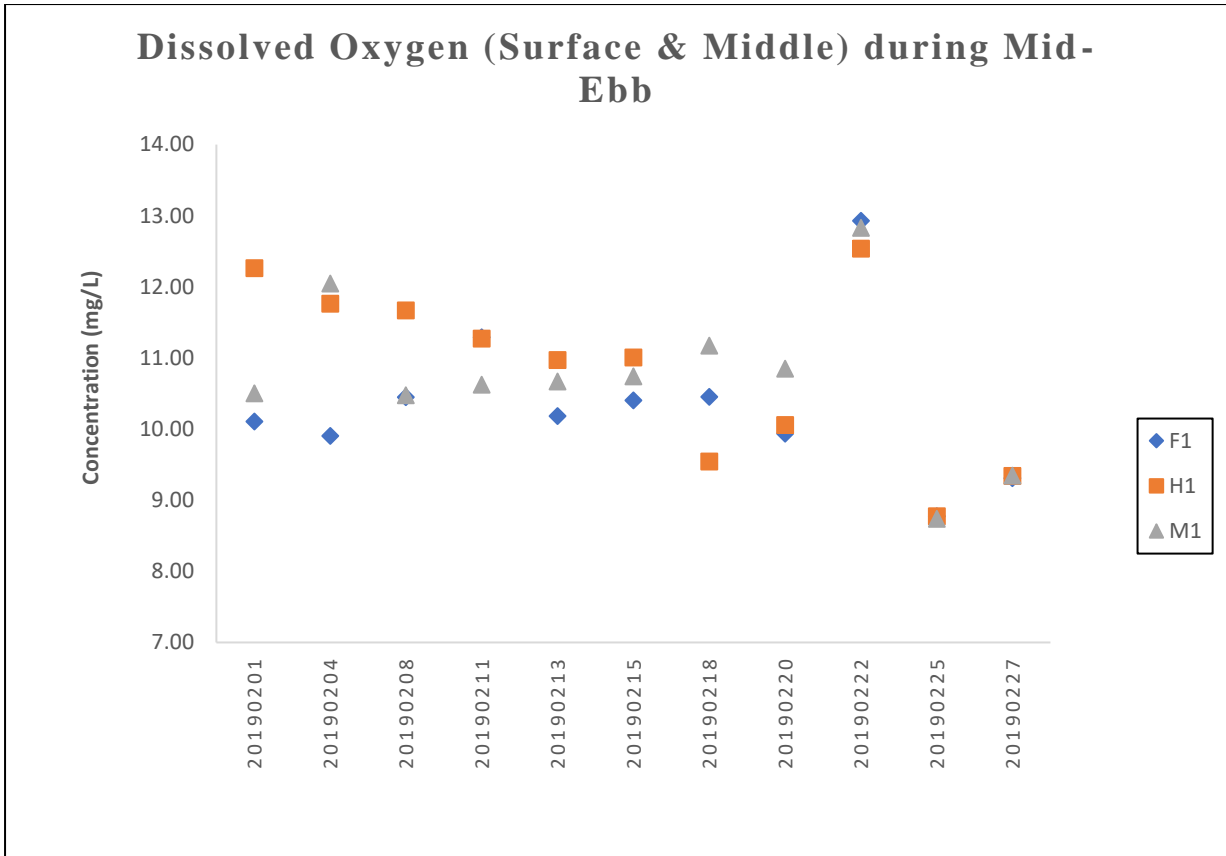
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



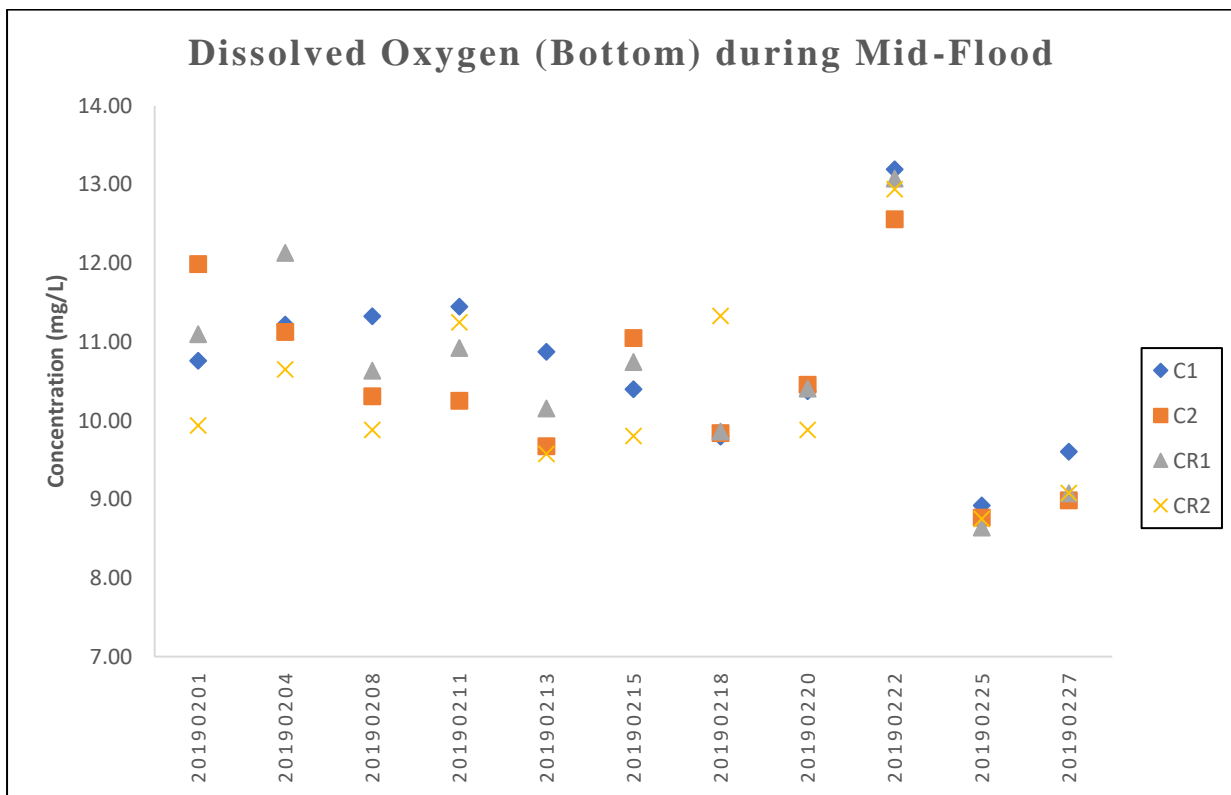
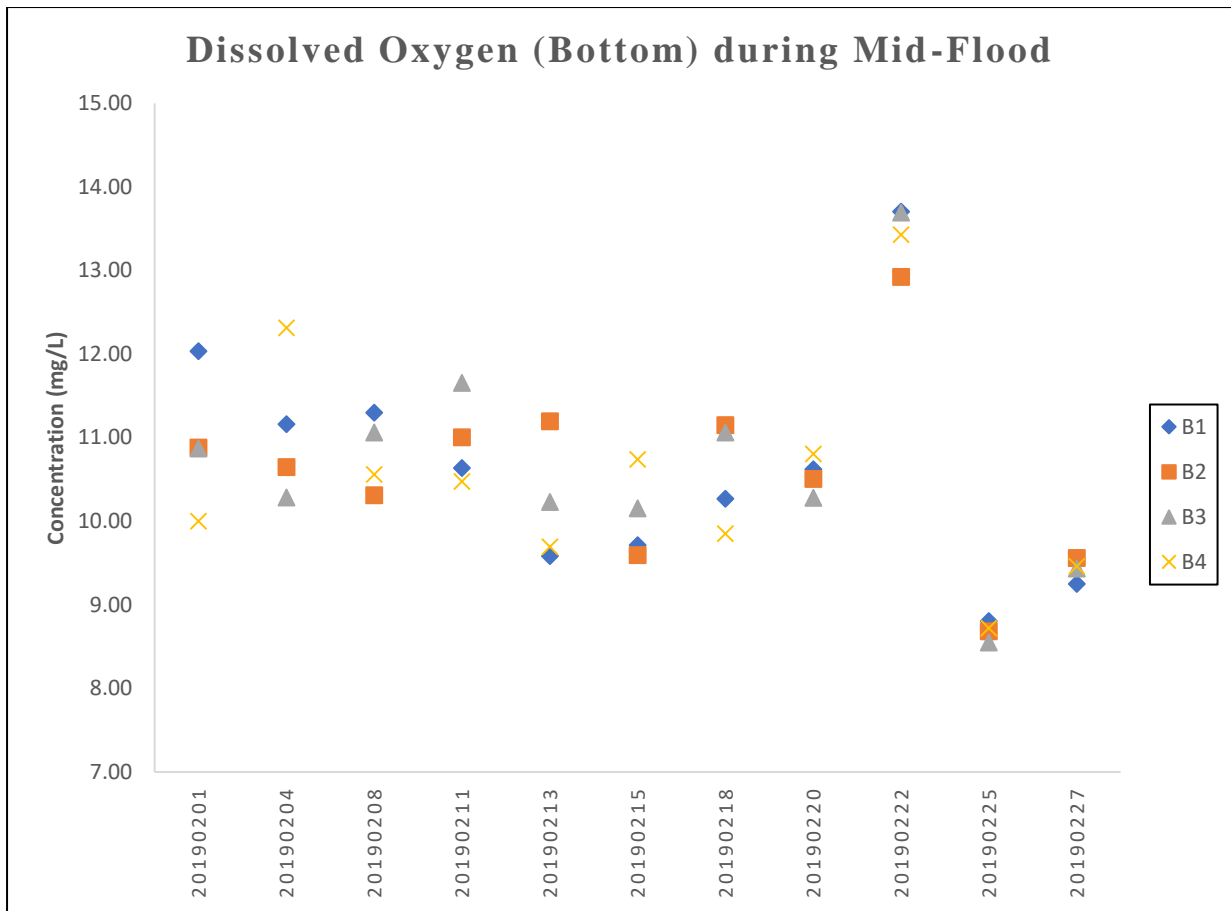
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



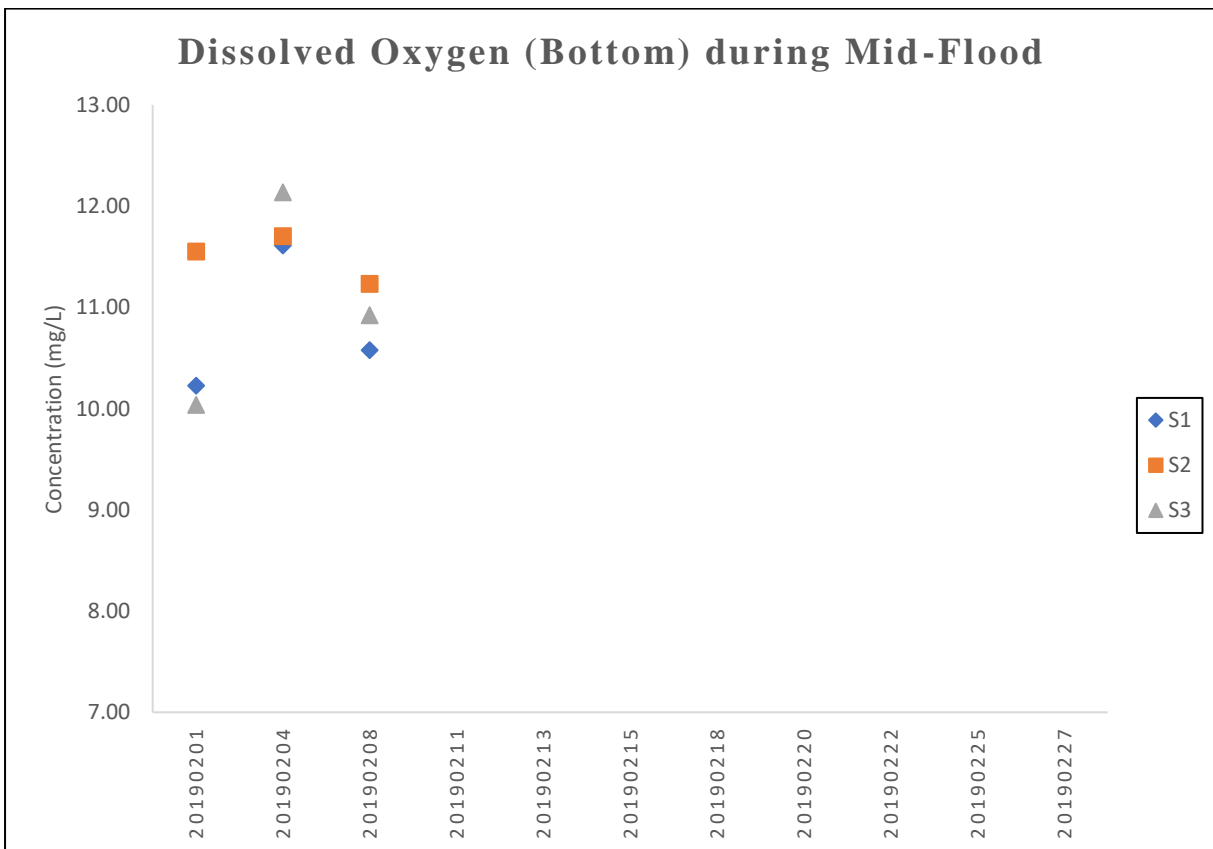
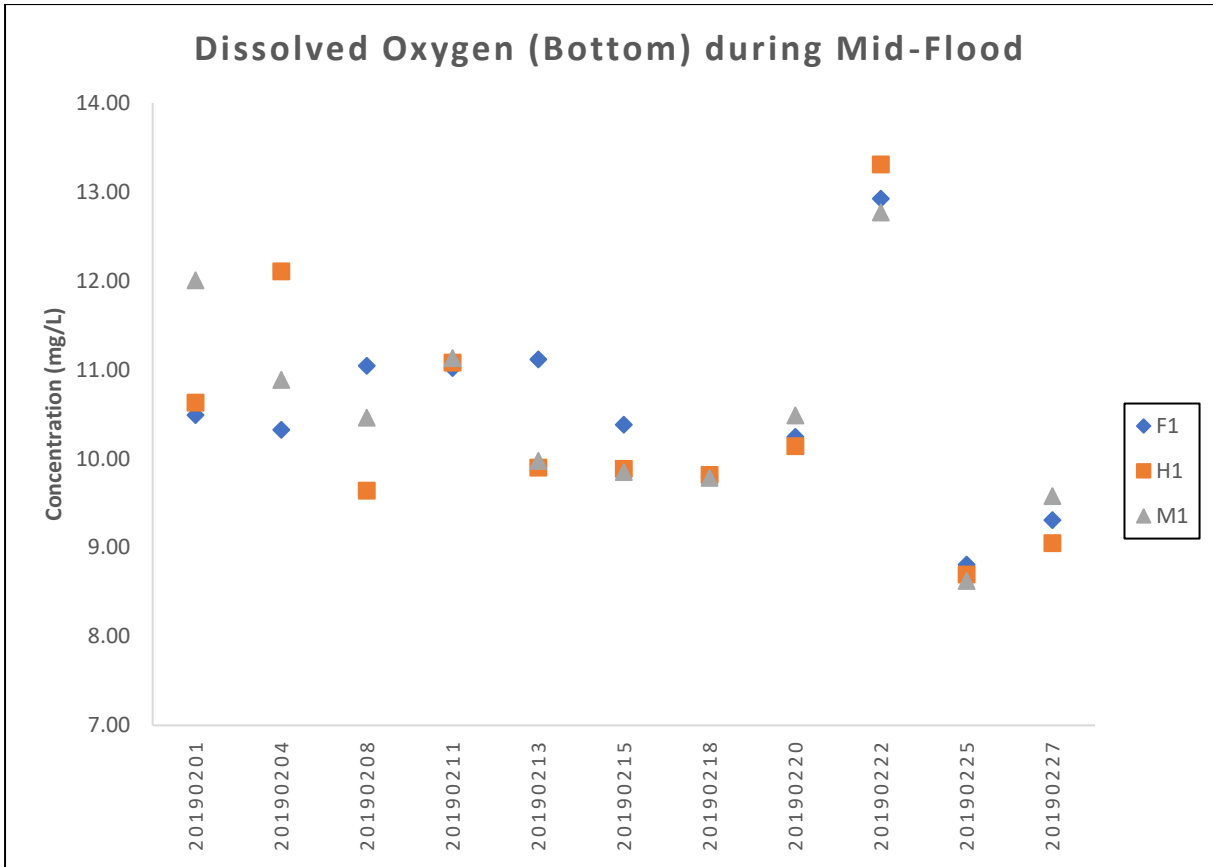
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



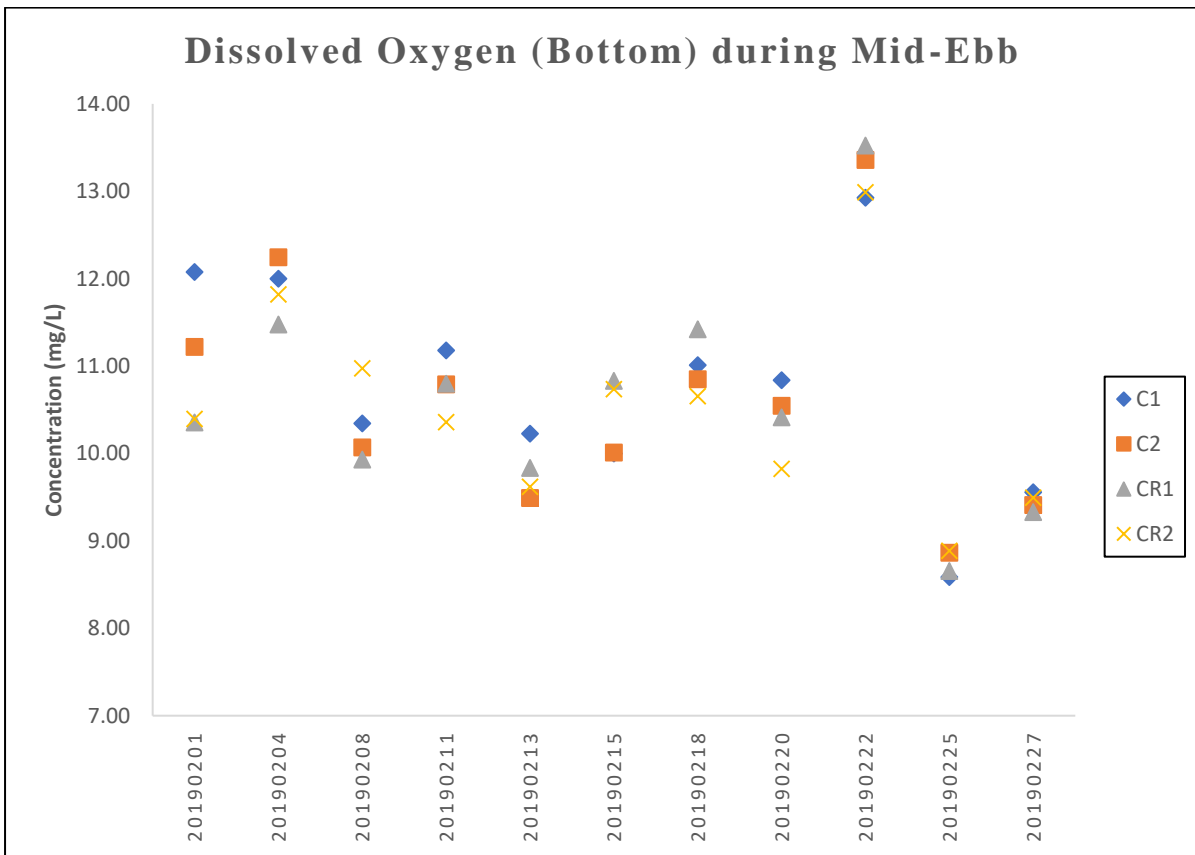
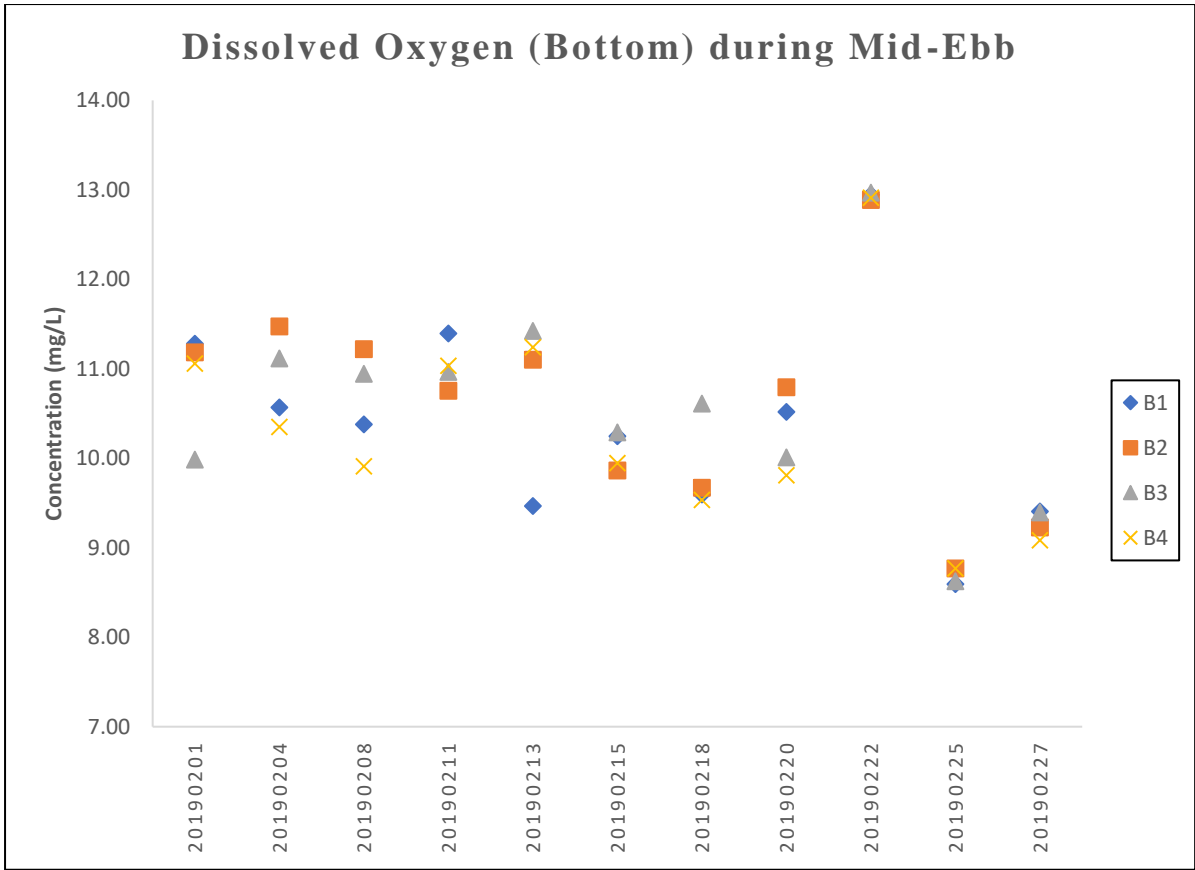
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



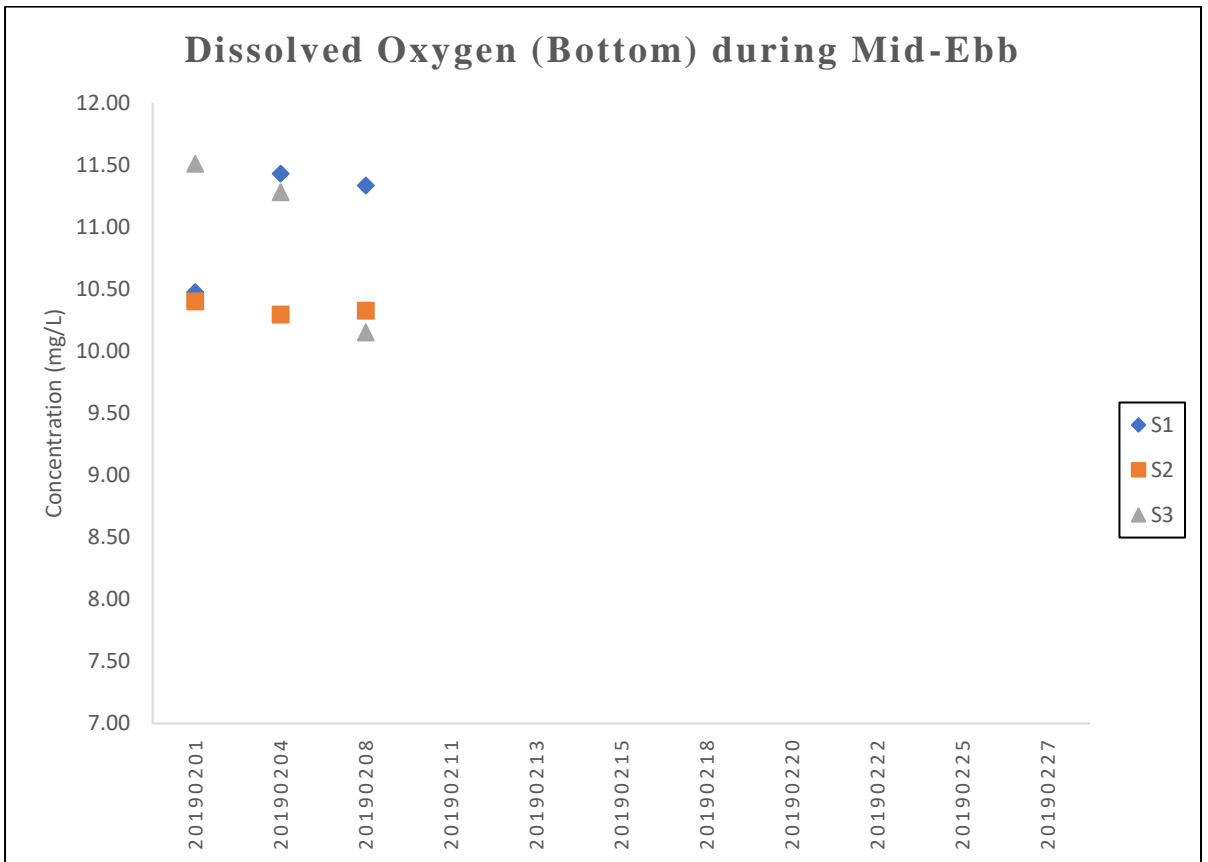
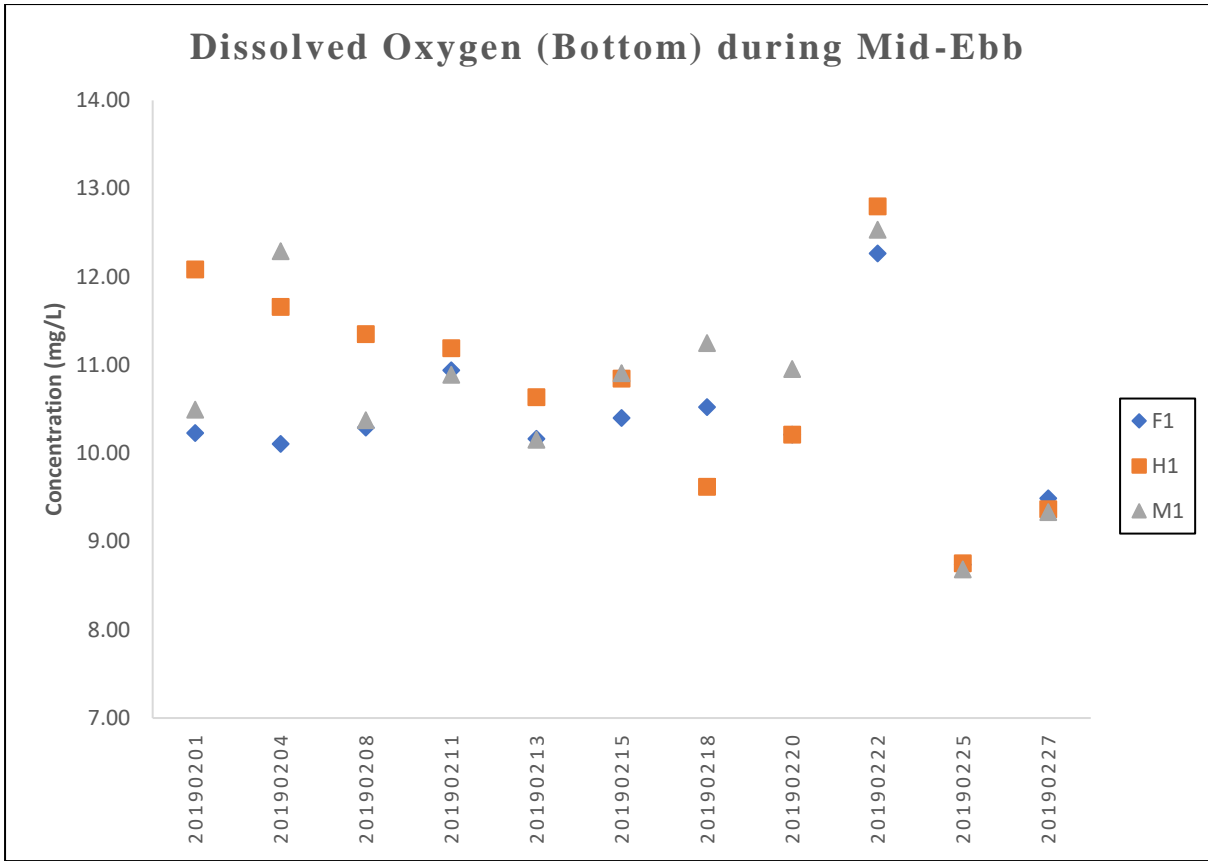
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



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

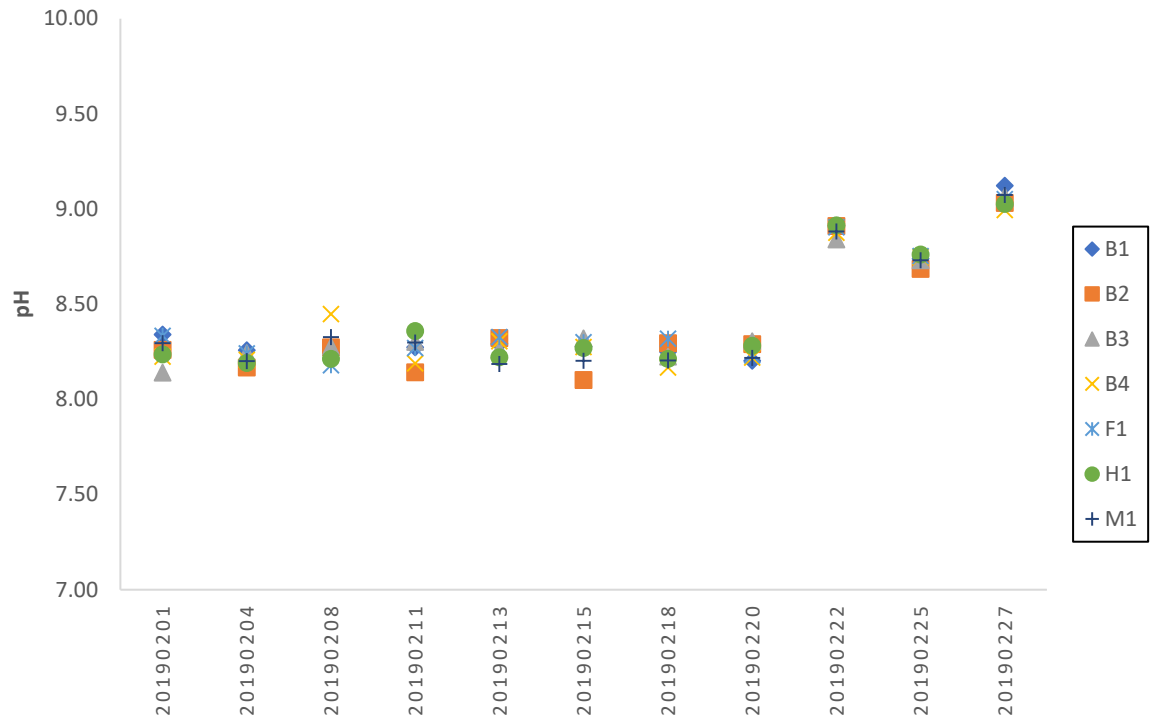


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

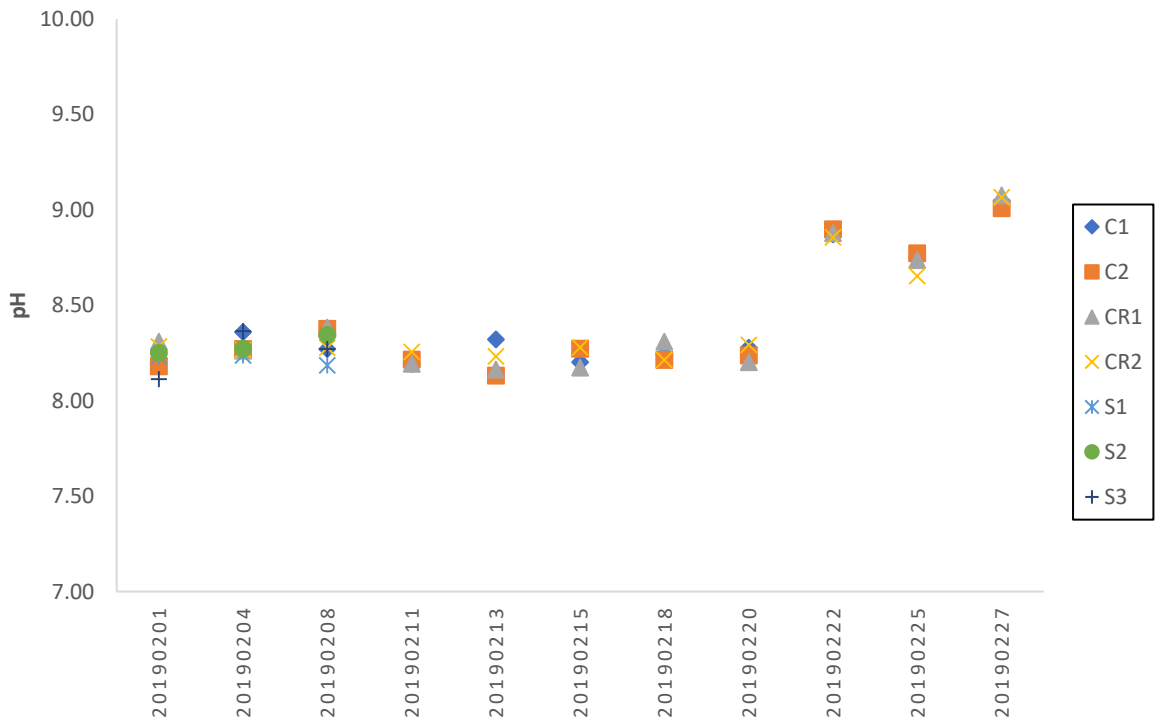


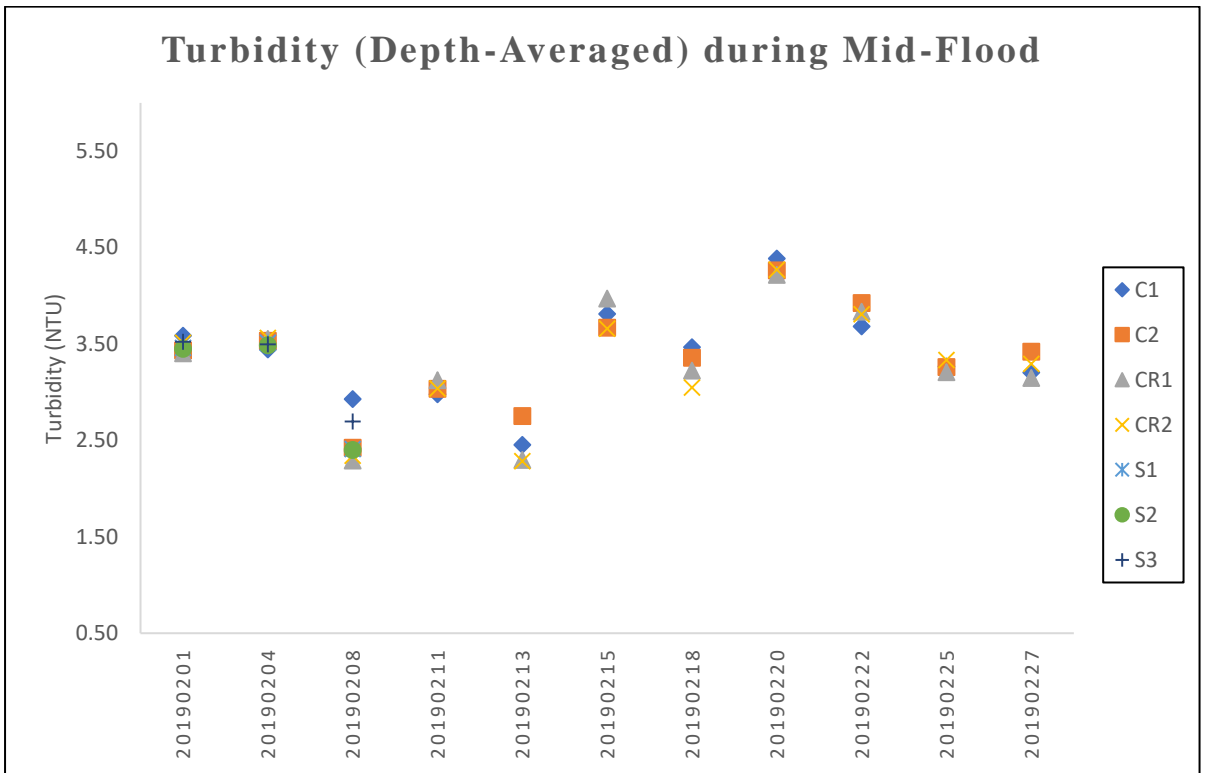
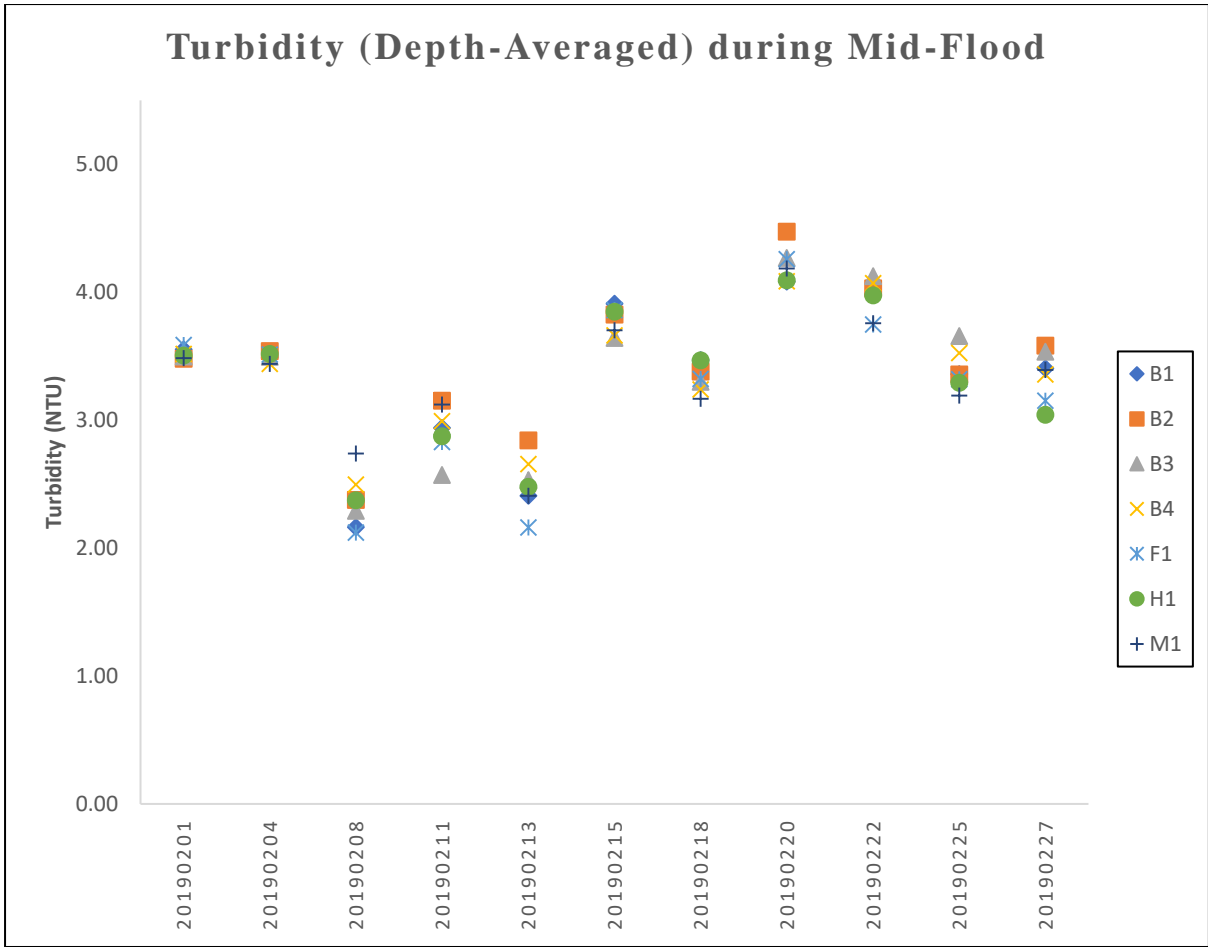
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

pH (Depth-Averaged) during Mid-Flood

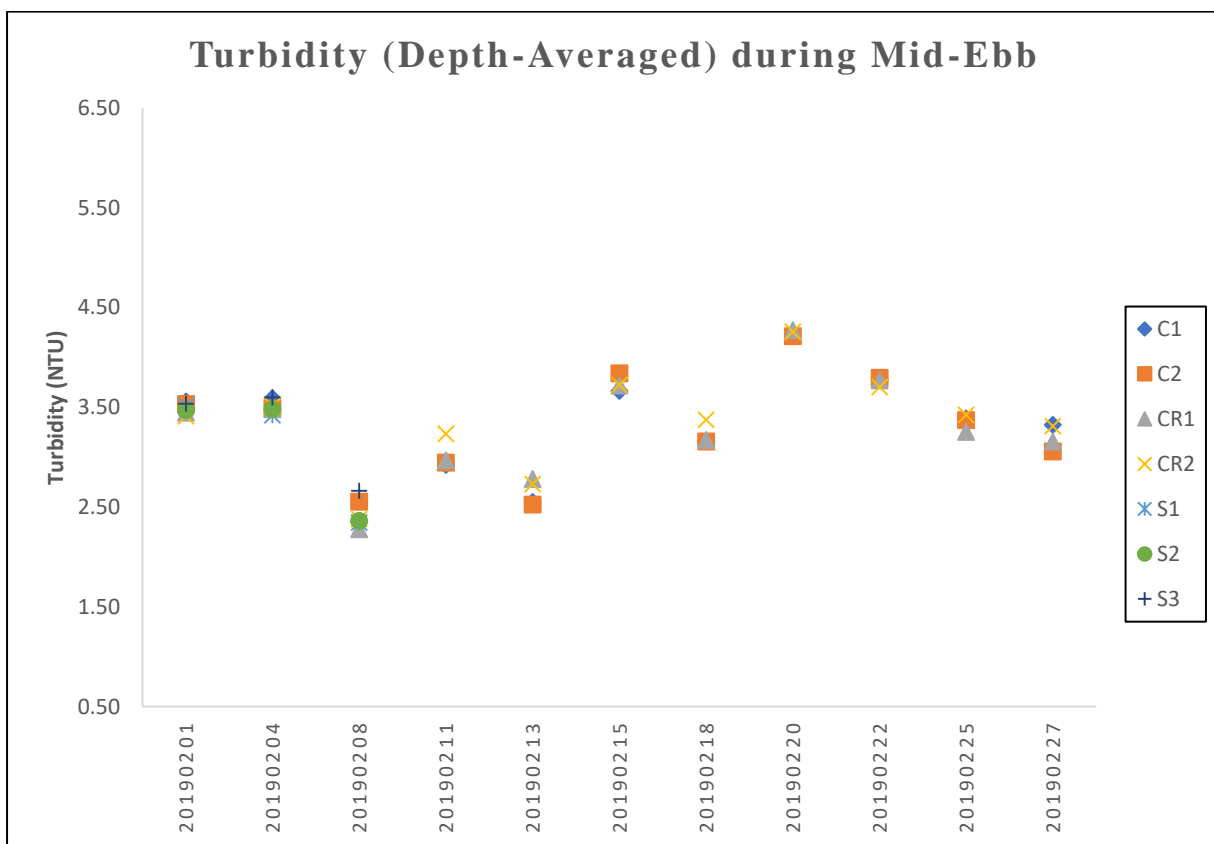
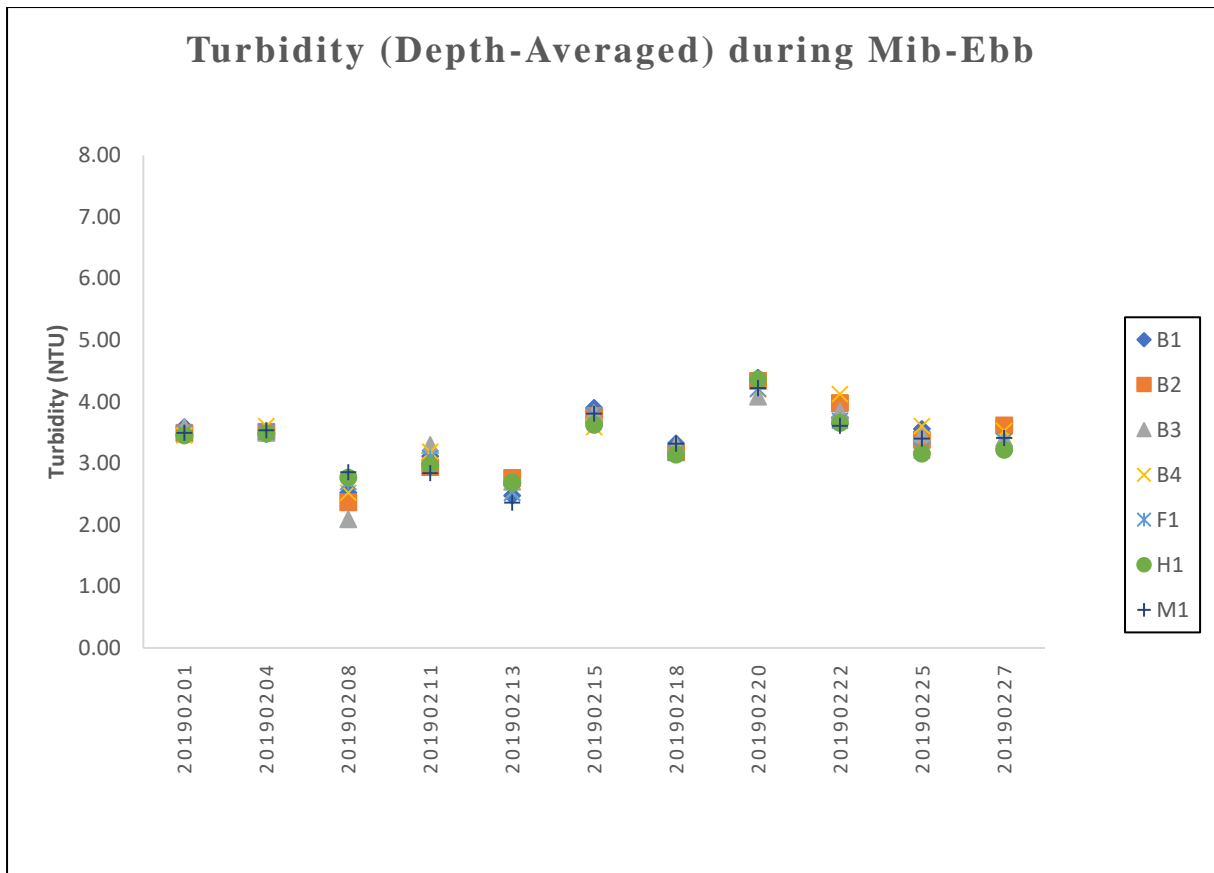


pH (Depth-Averaged) during Mid-Flood

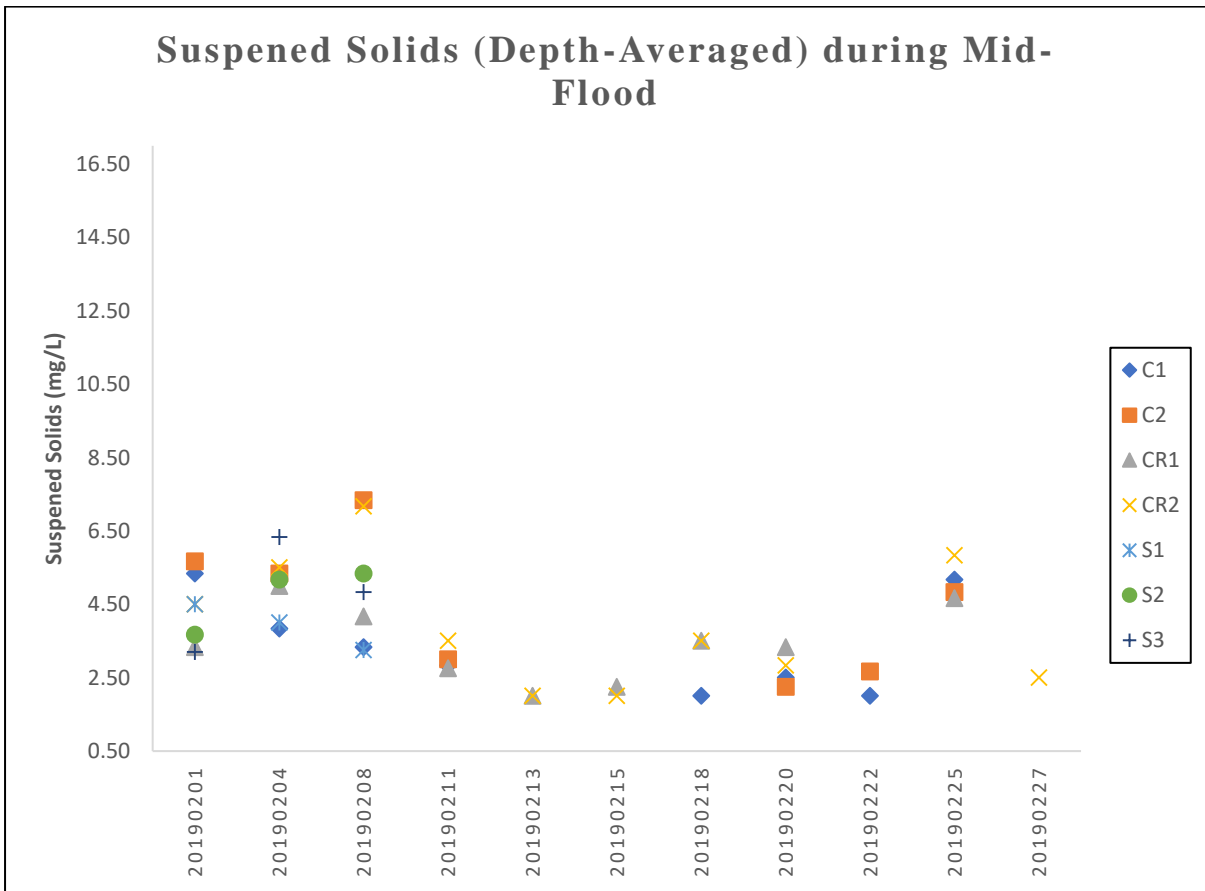
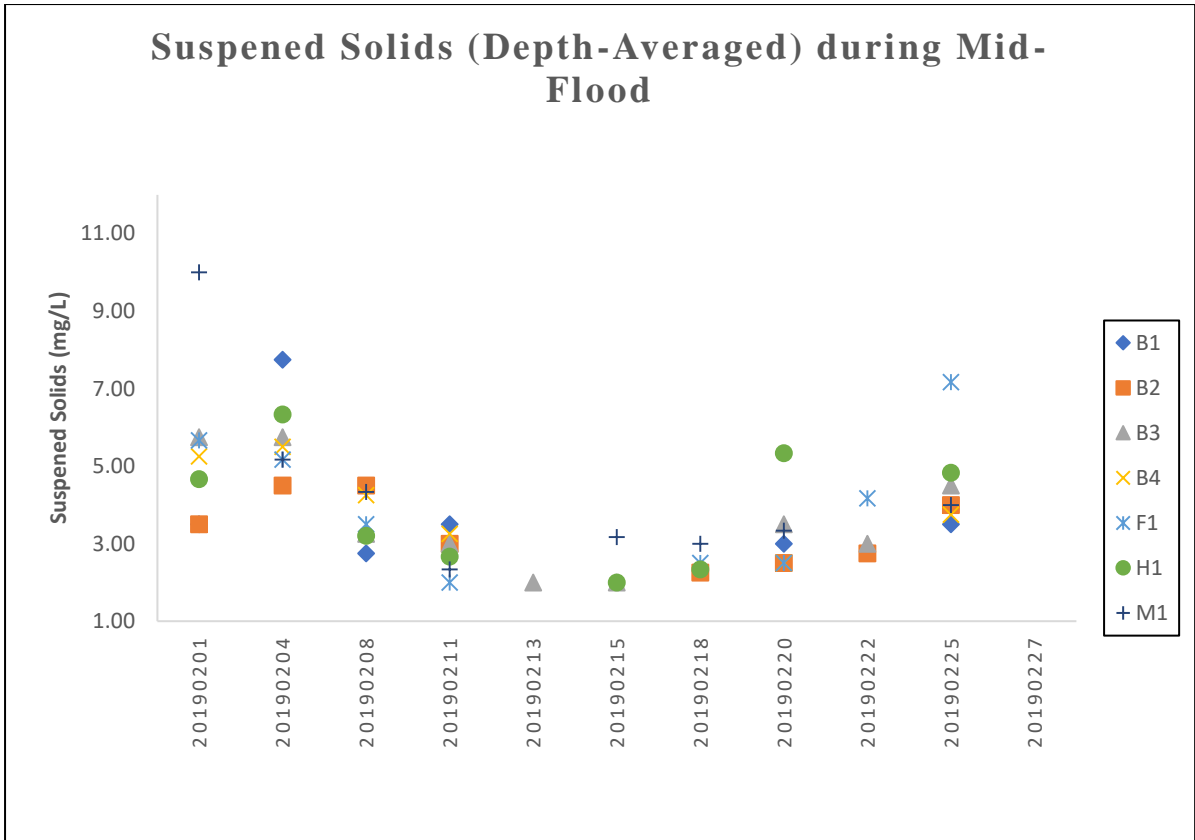




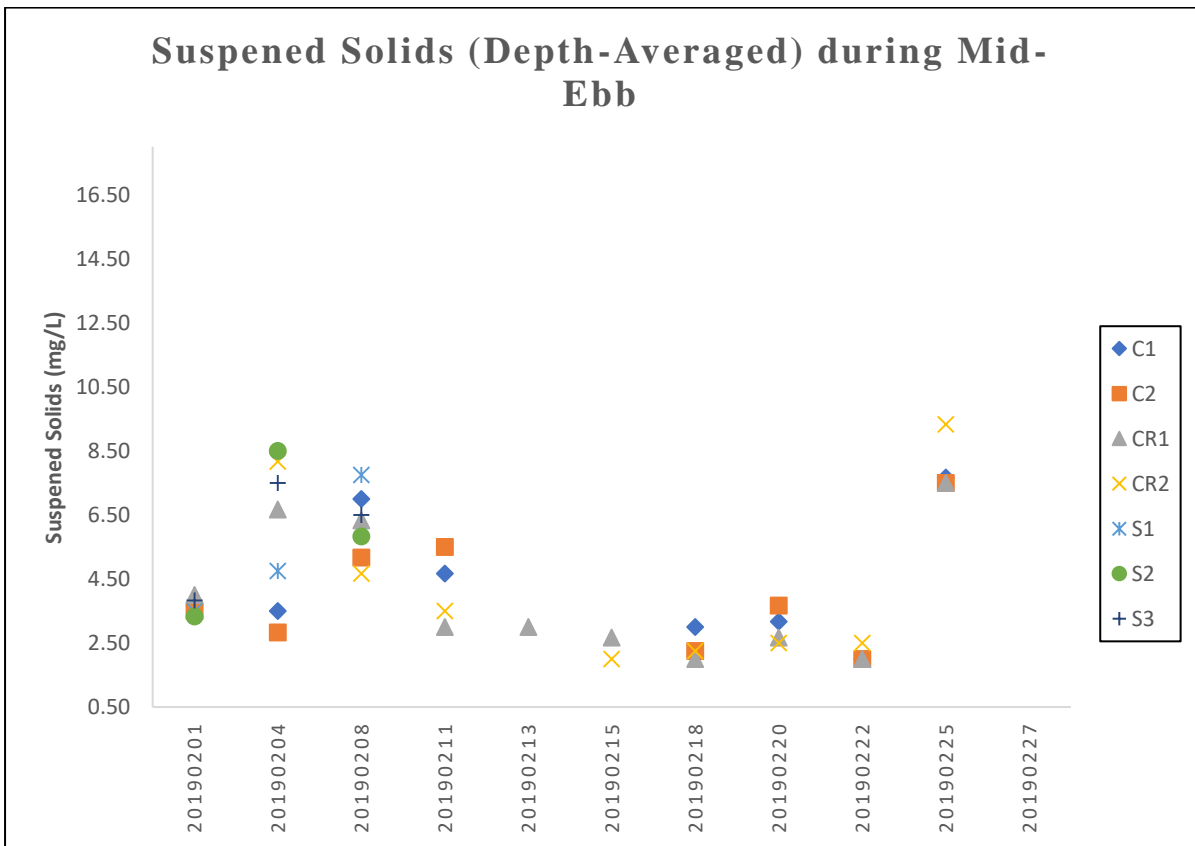
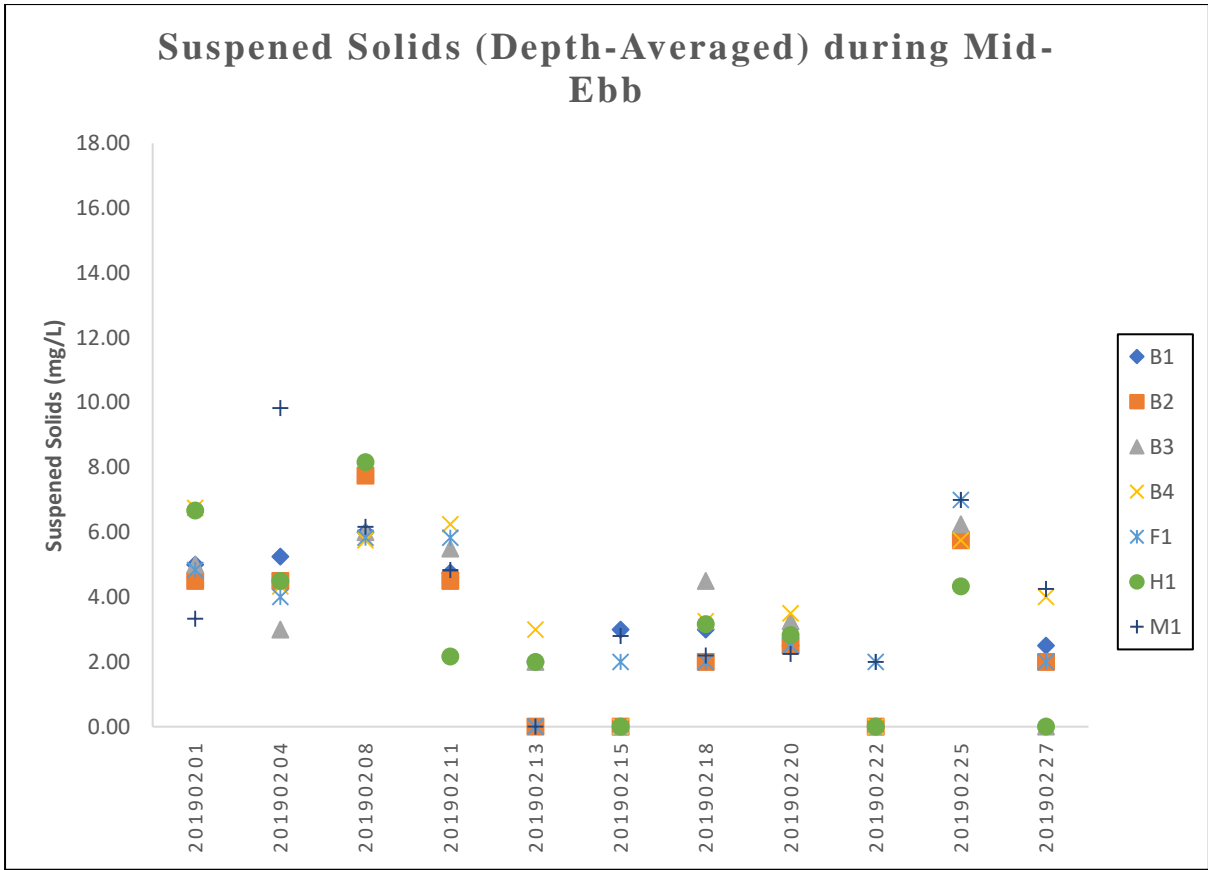
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



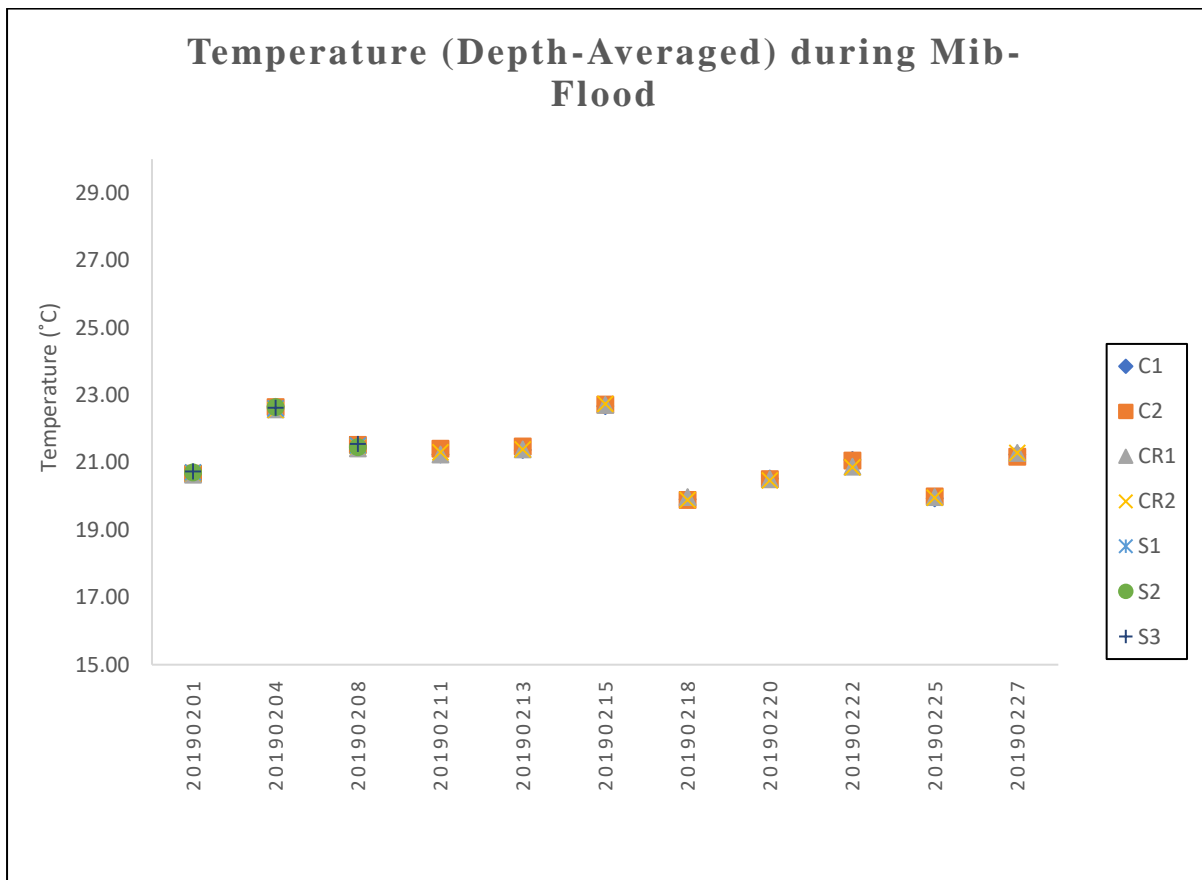
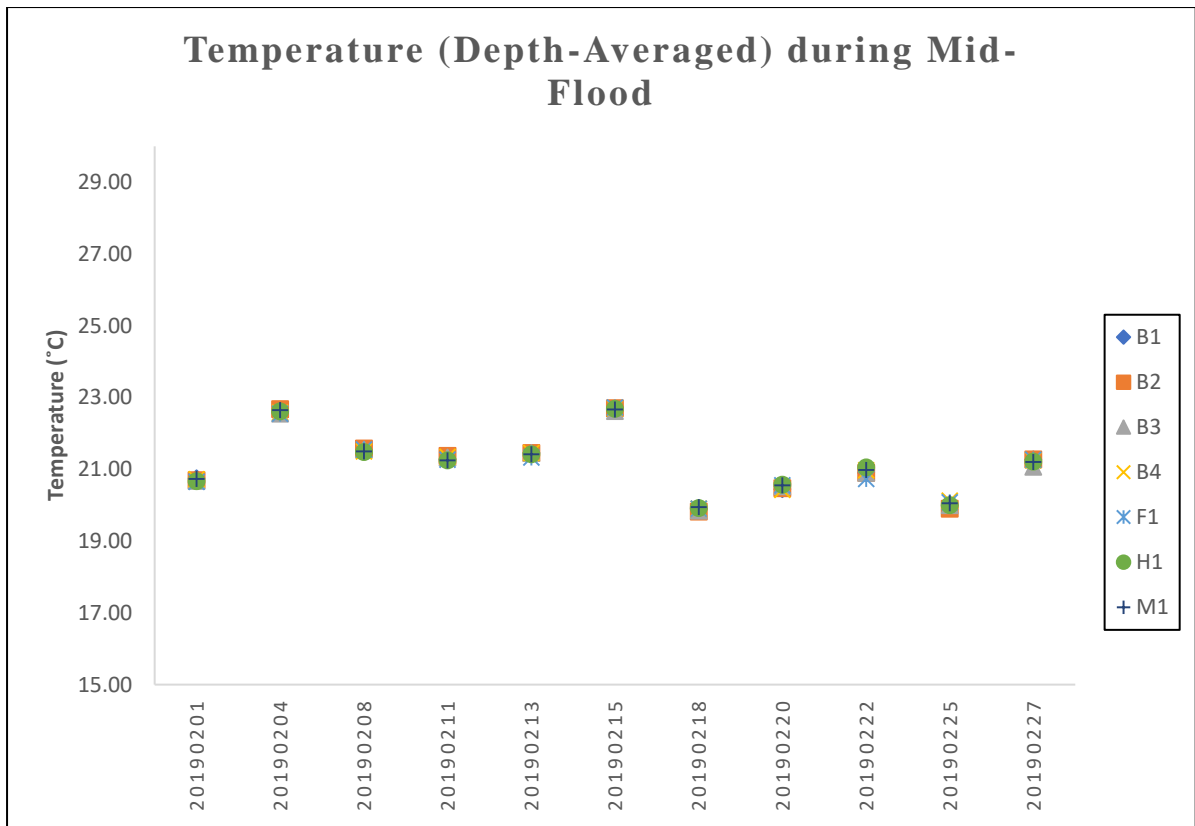
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



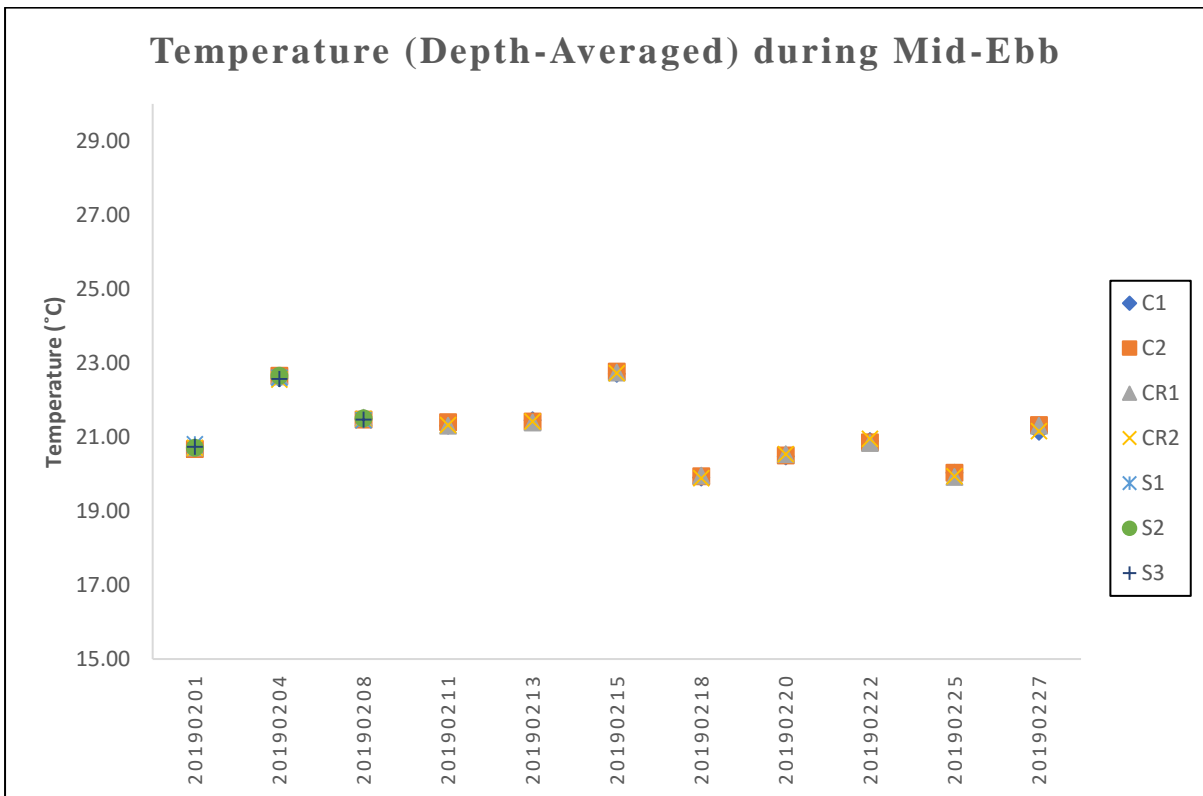
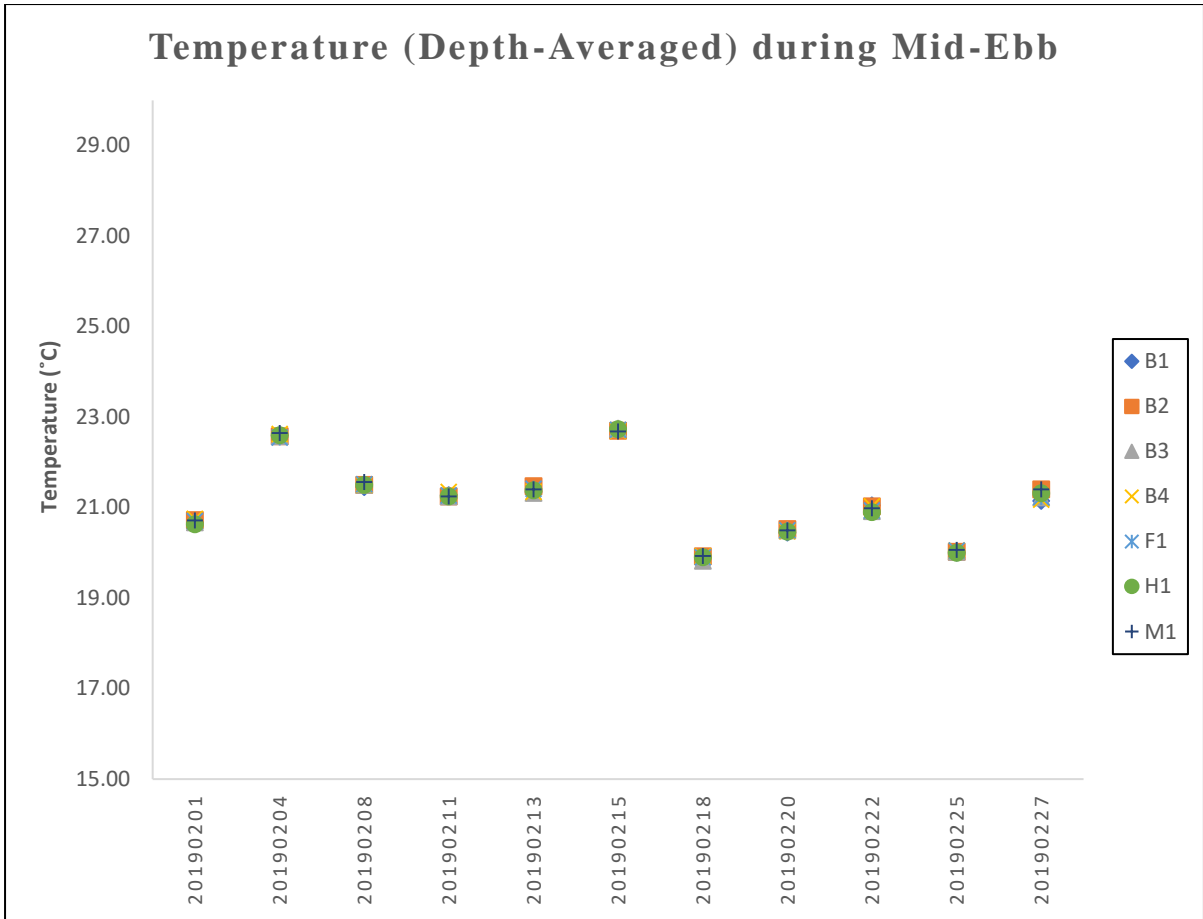
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



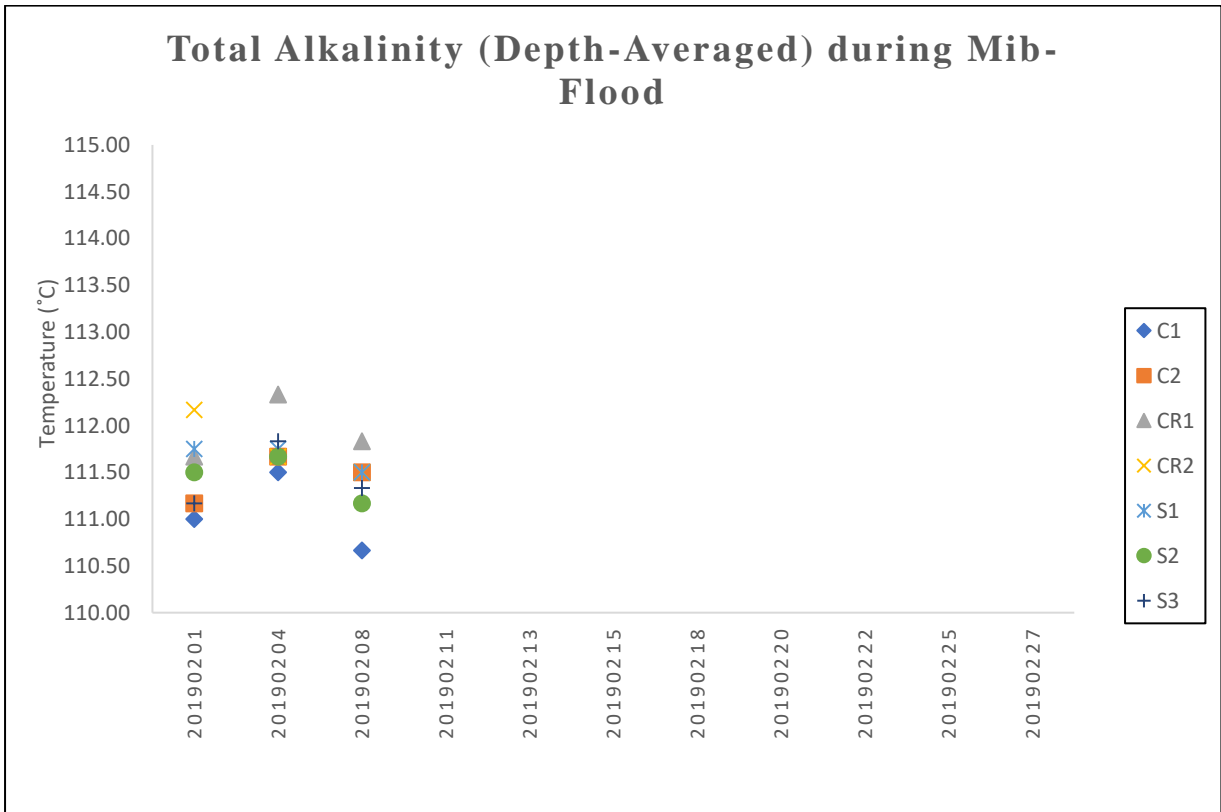
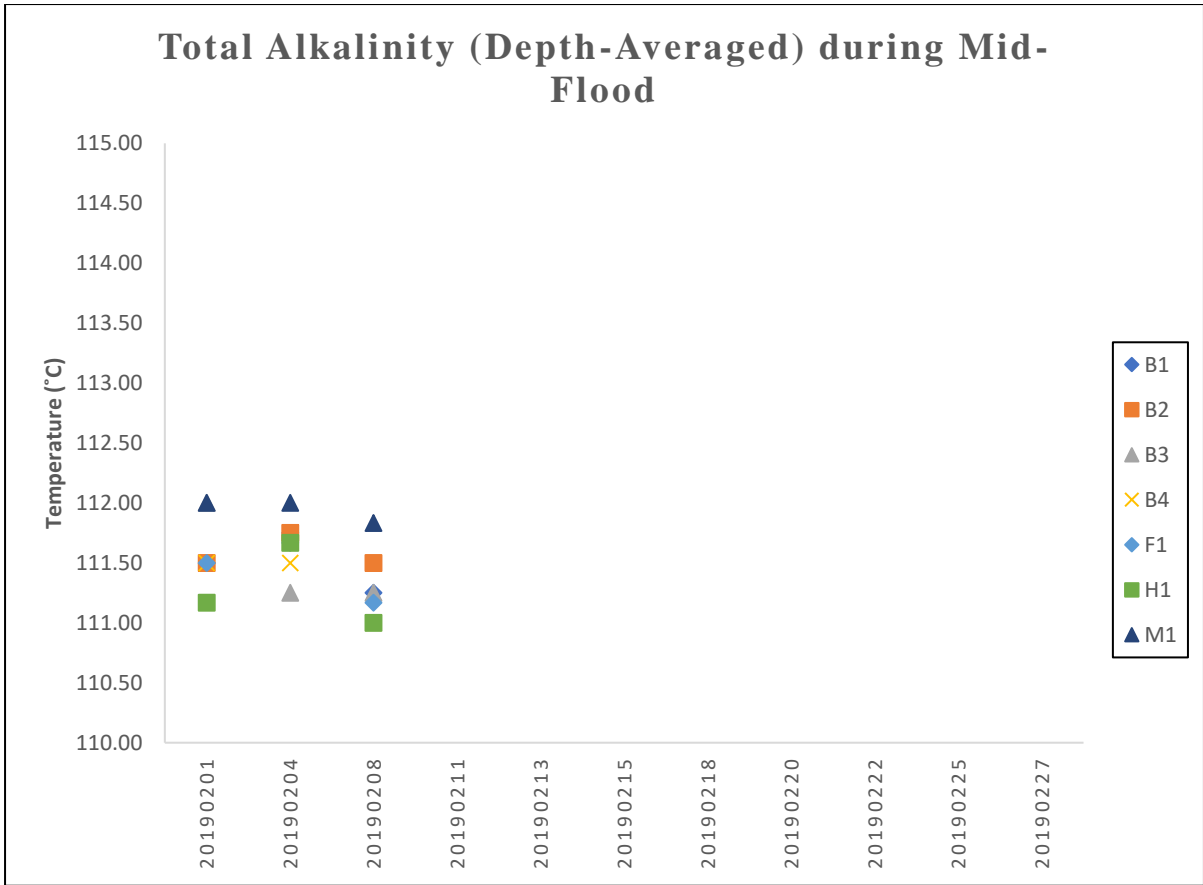
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



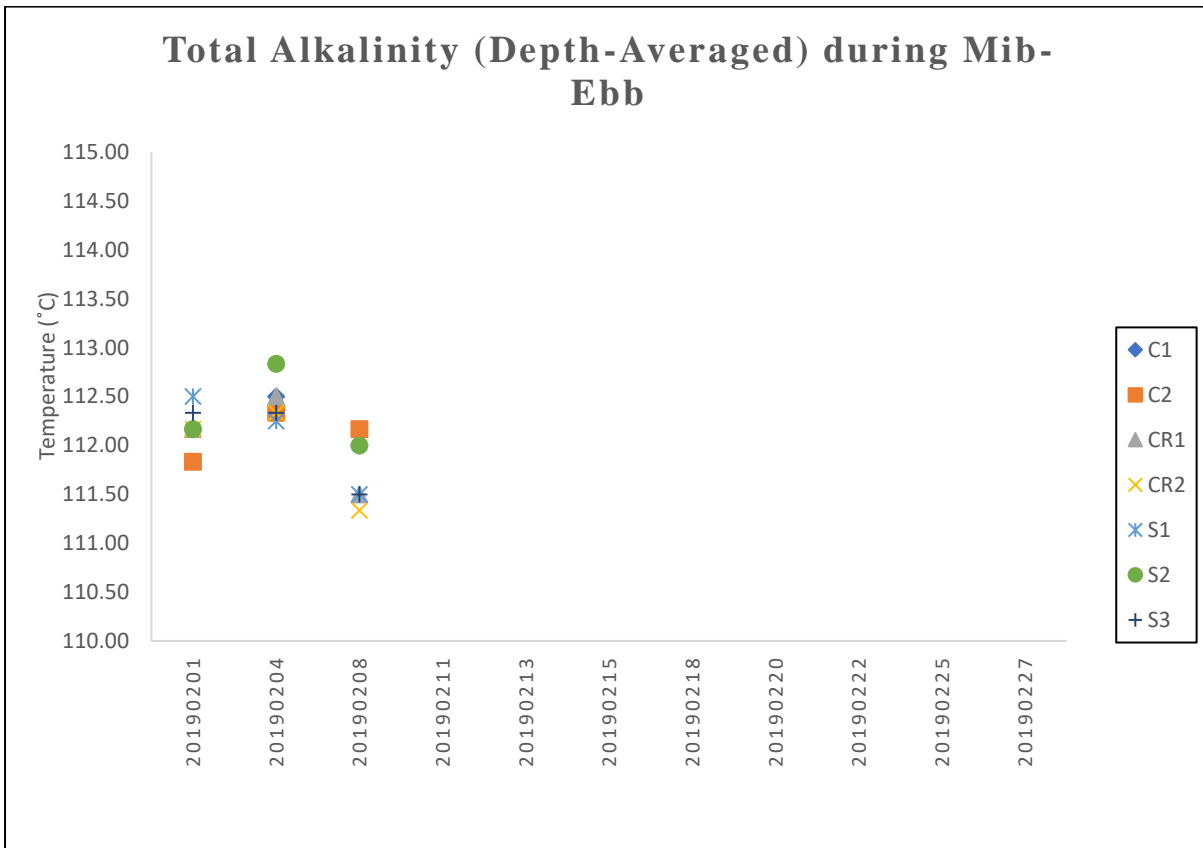
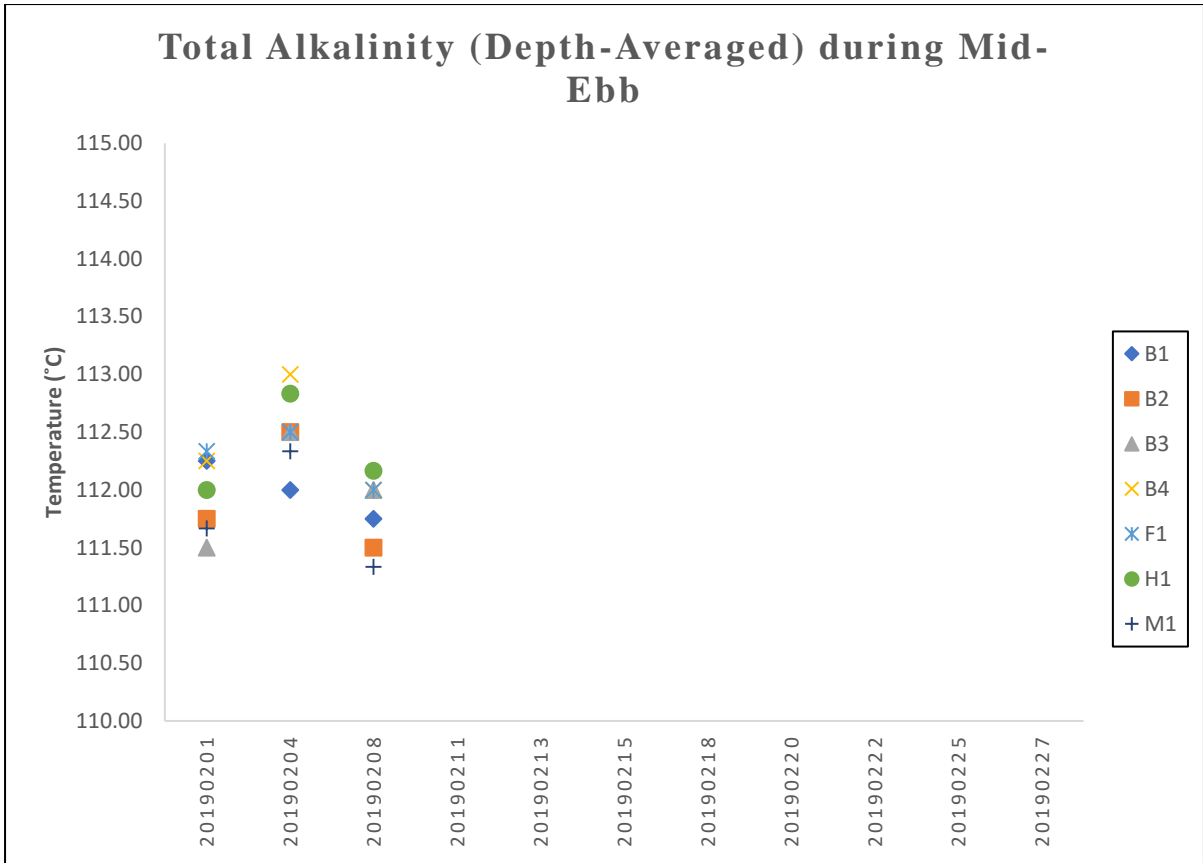
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



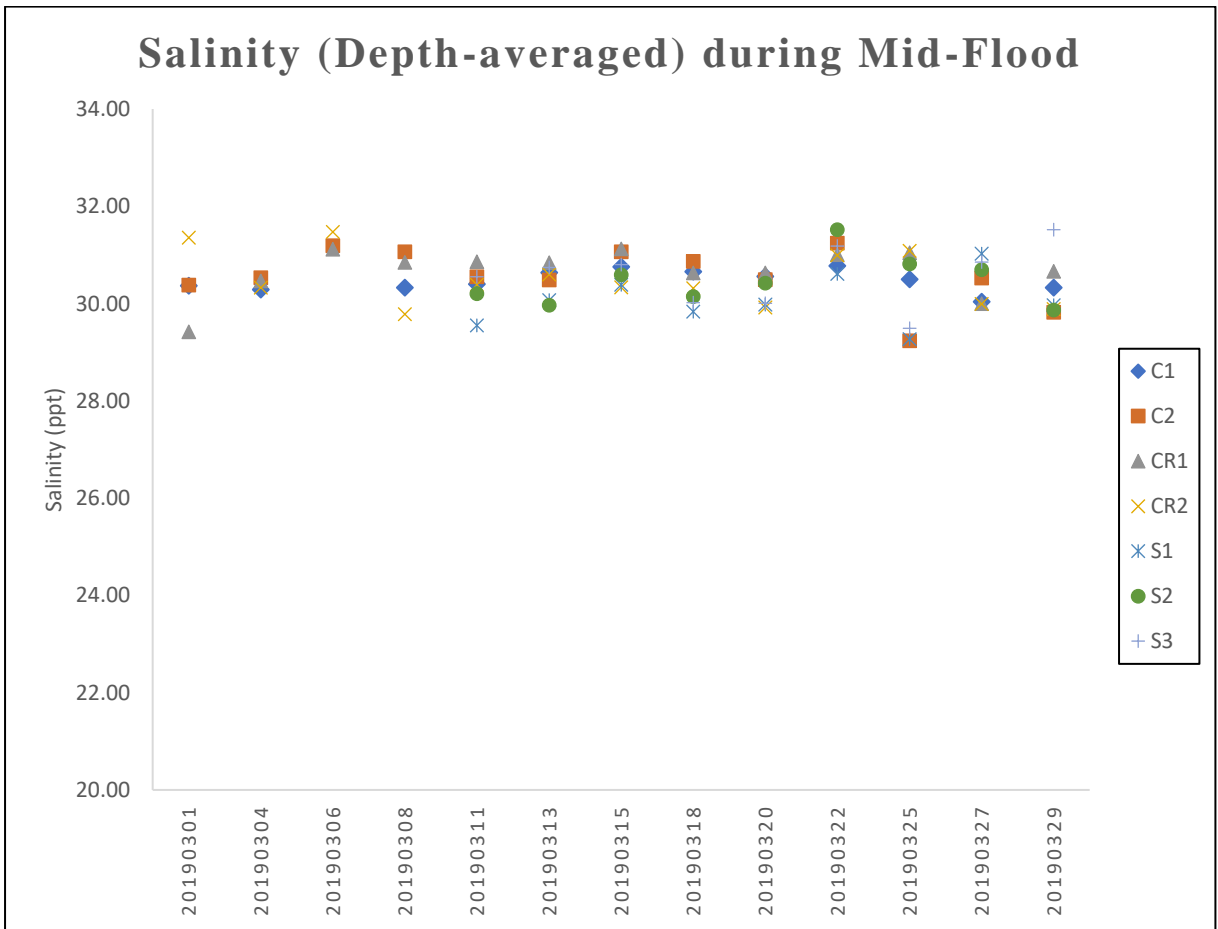
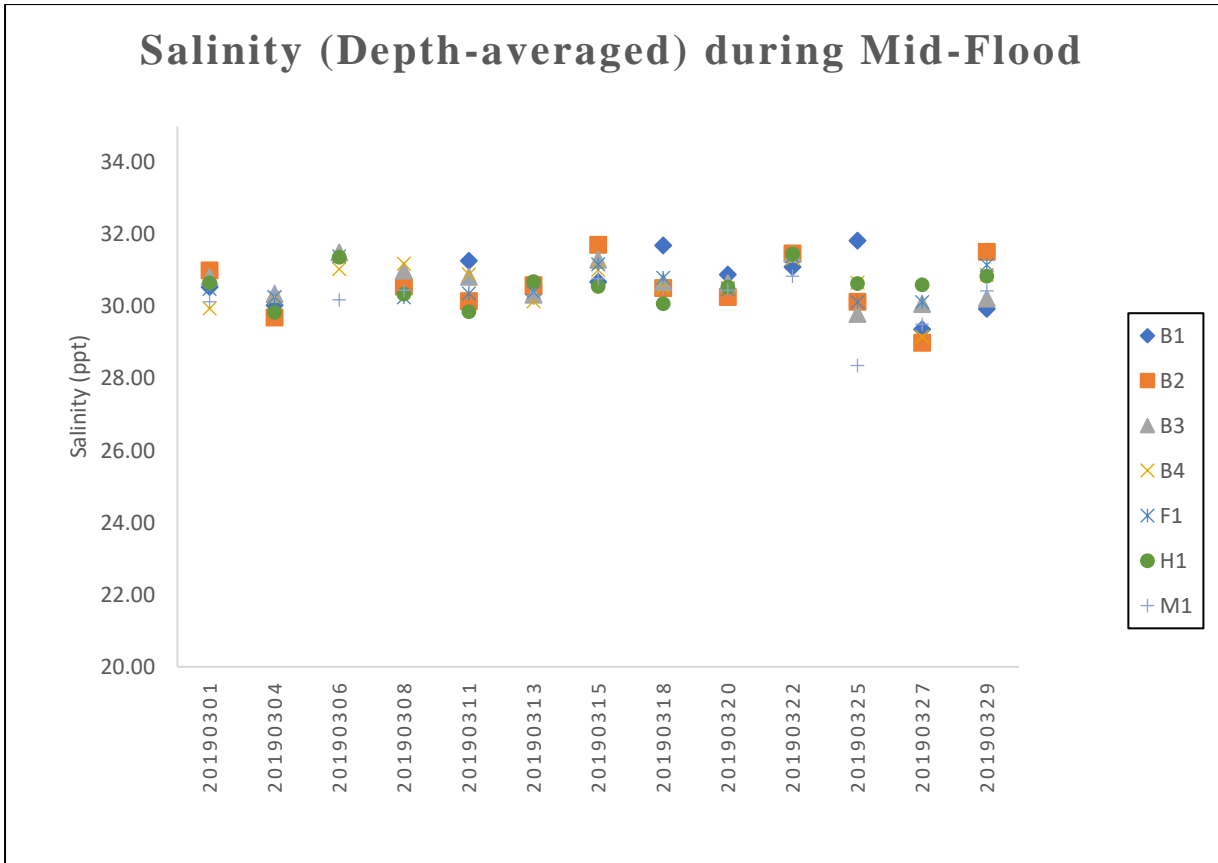
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



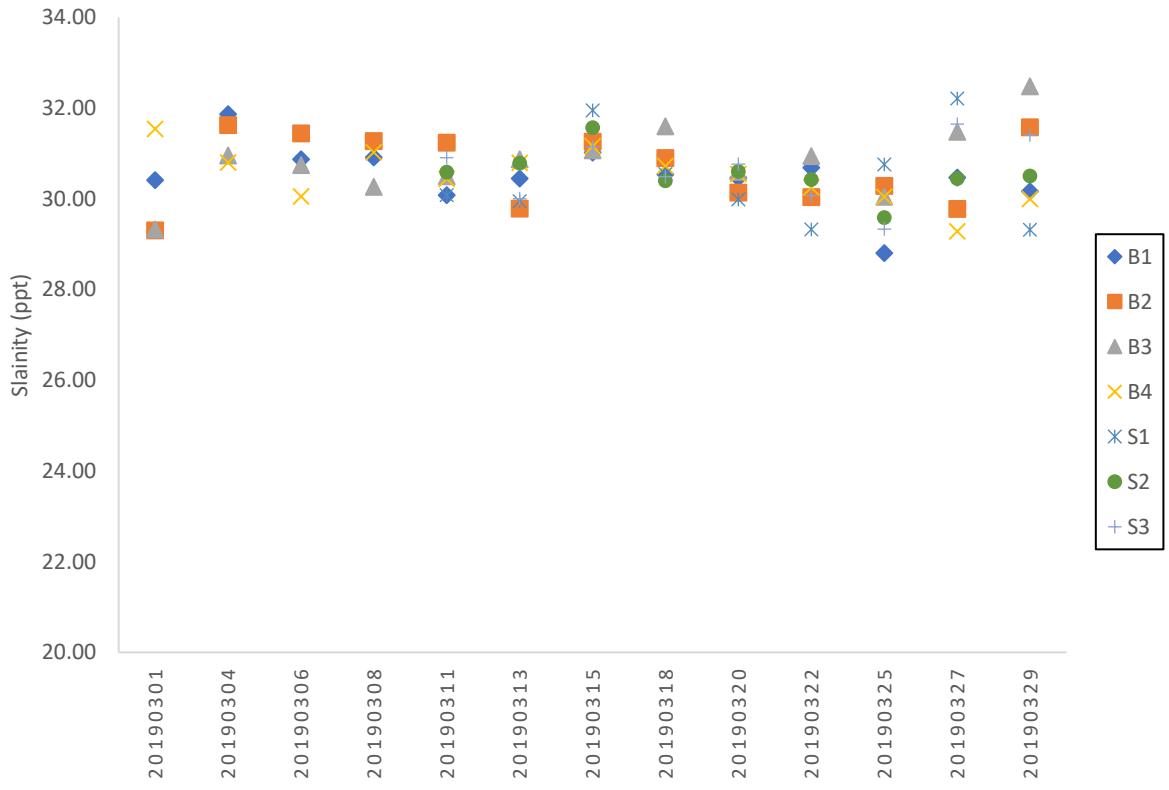
Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.



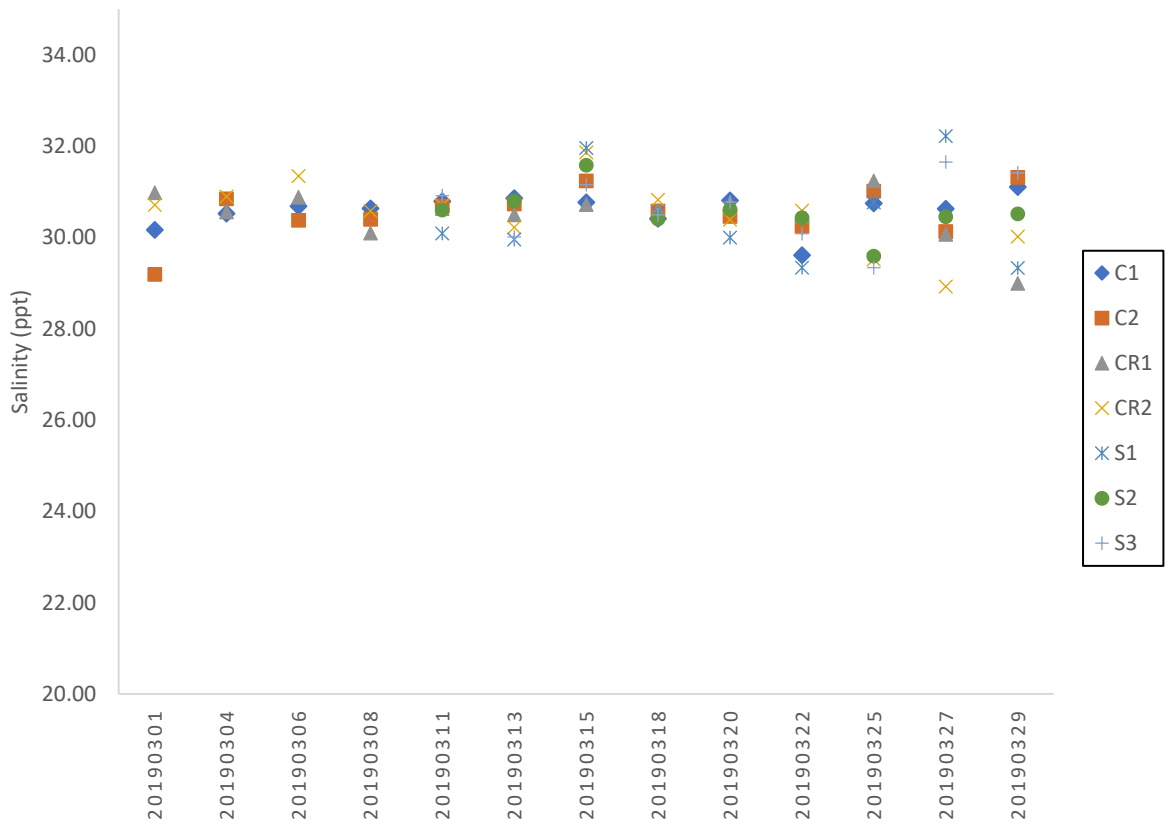
Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

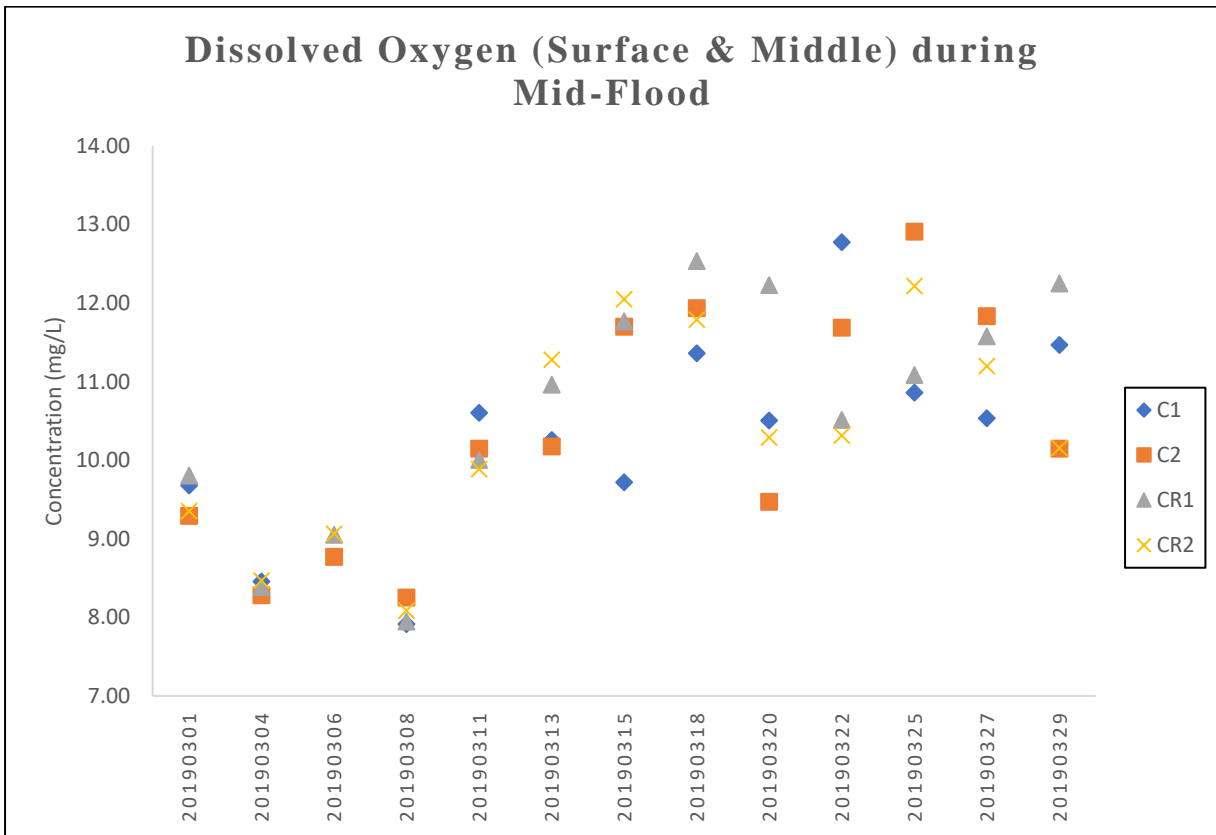
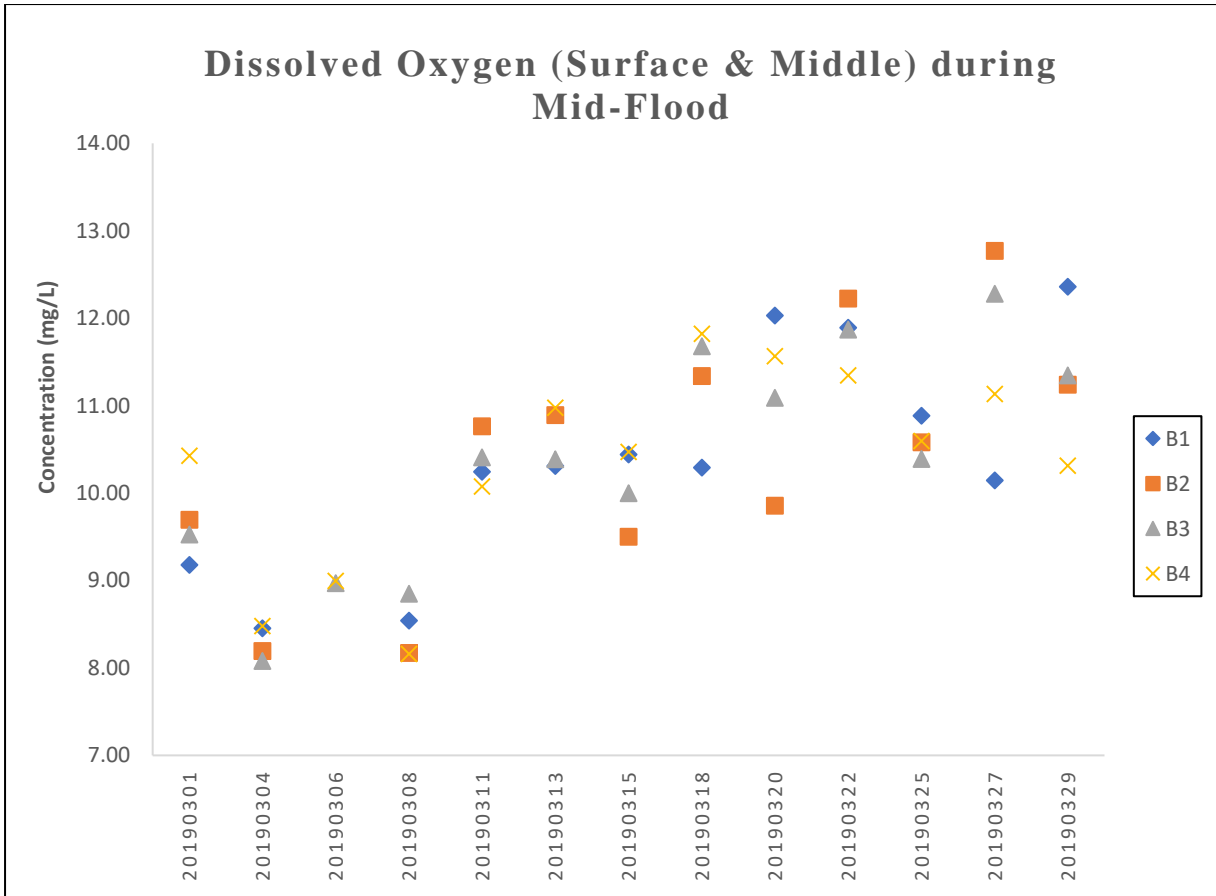


Salinity (Depth-averaged) during Mid-Ebb

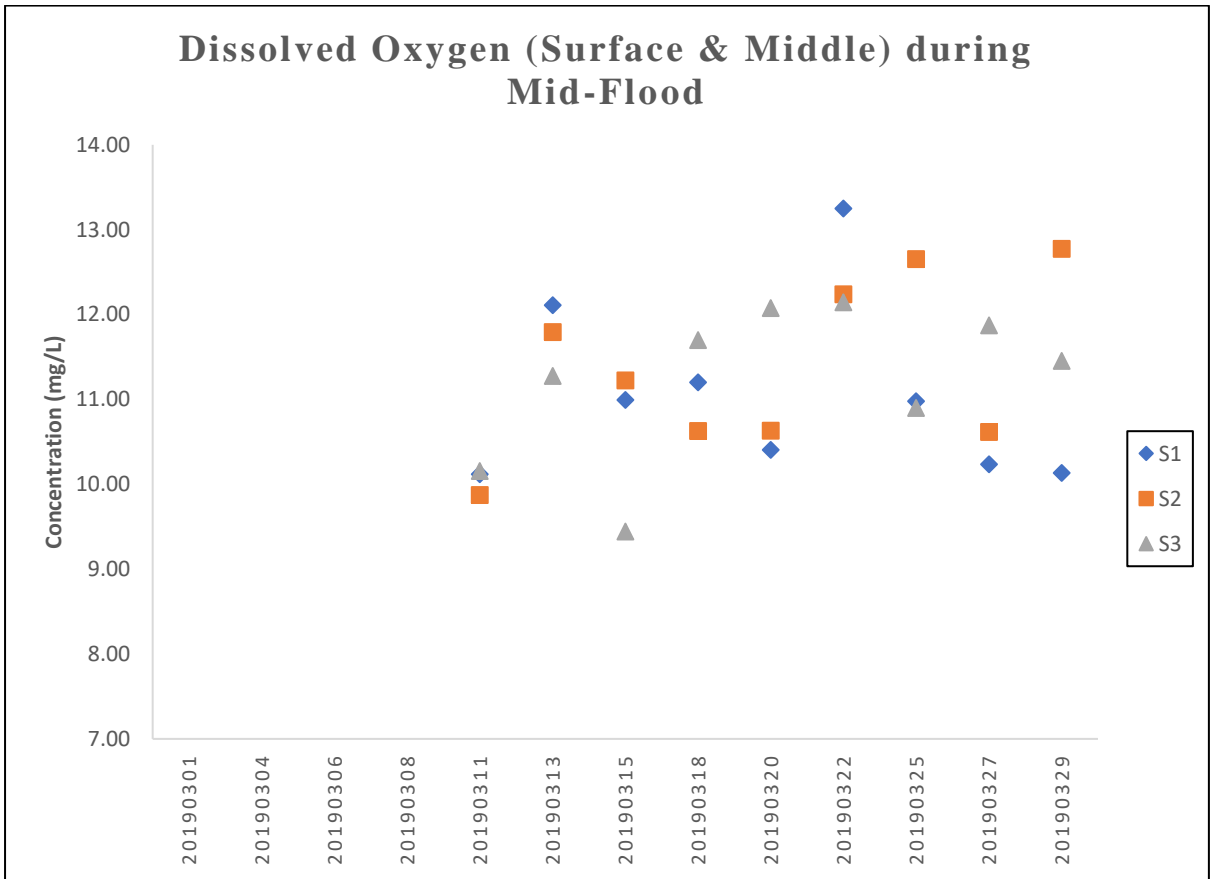
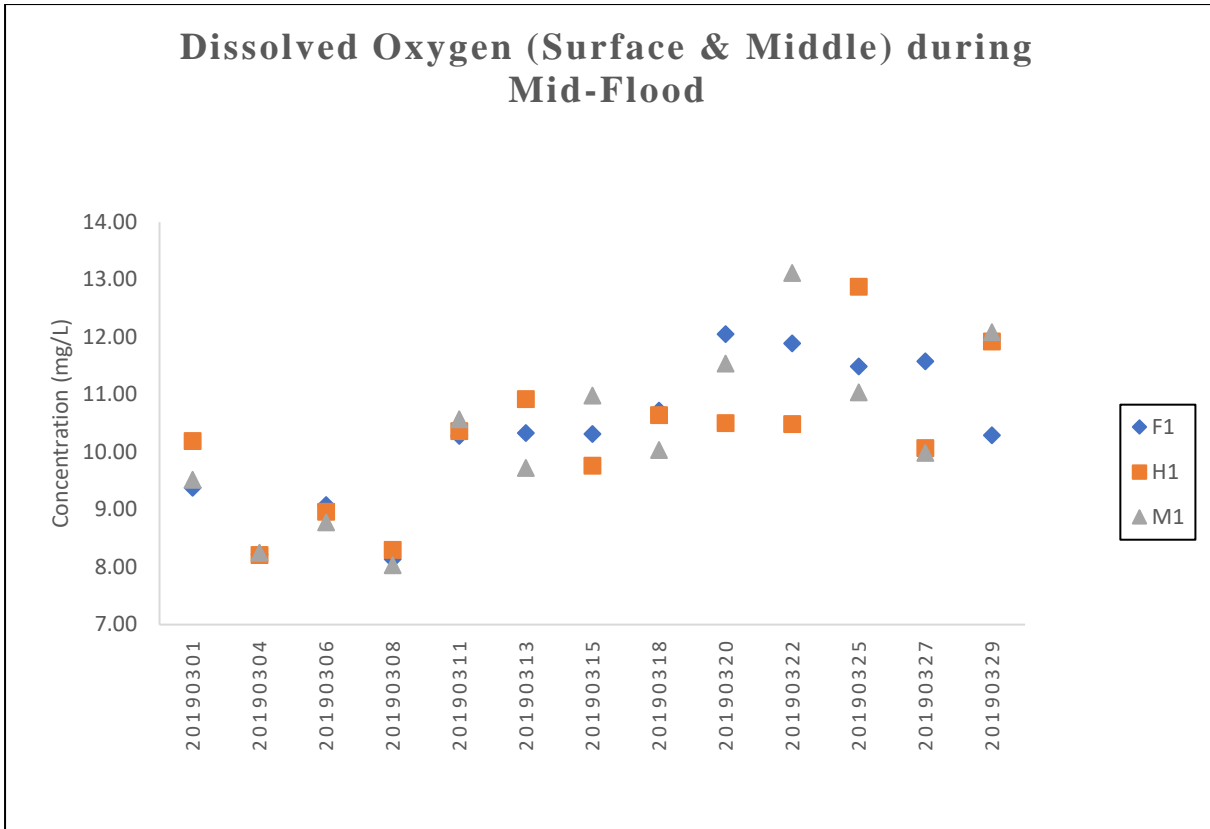


Salinity (Depth-averaged) during Mid-Ebb

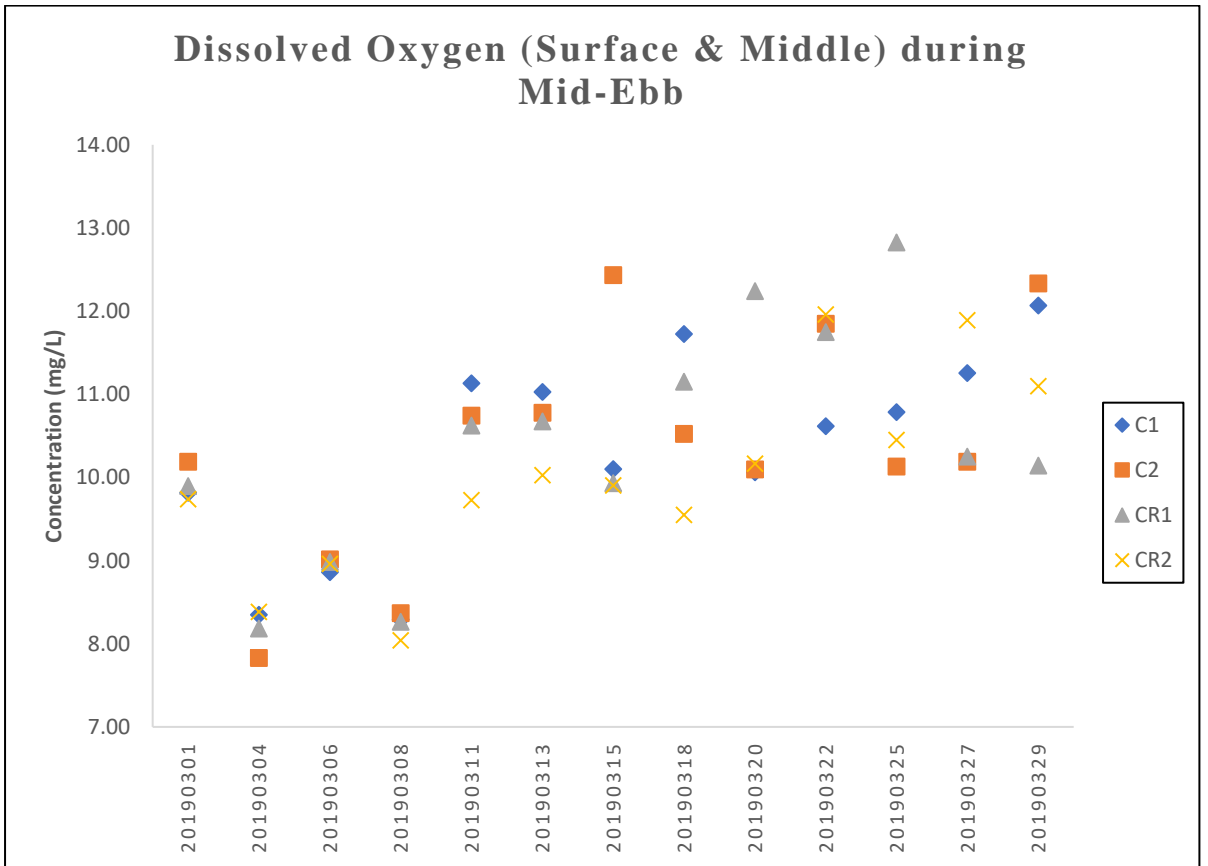
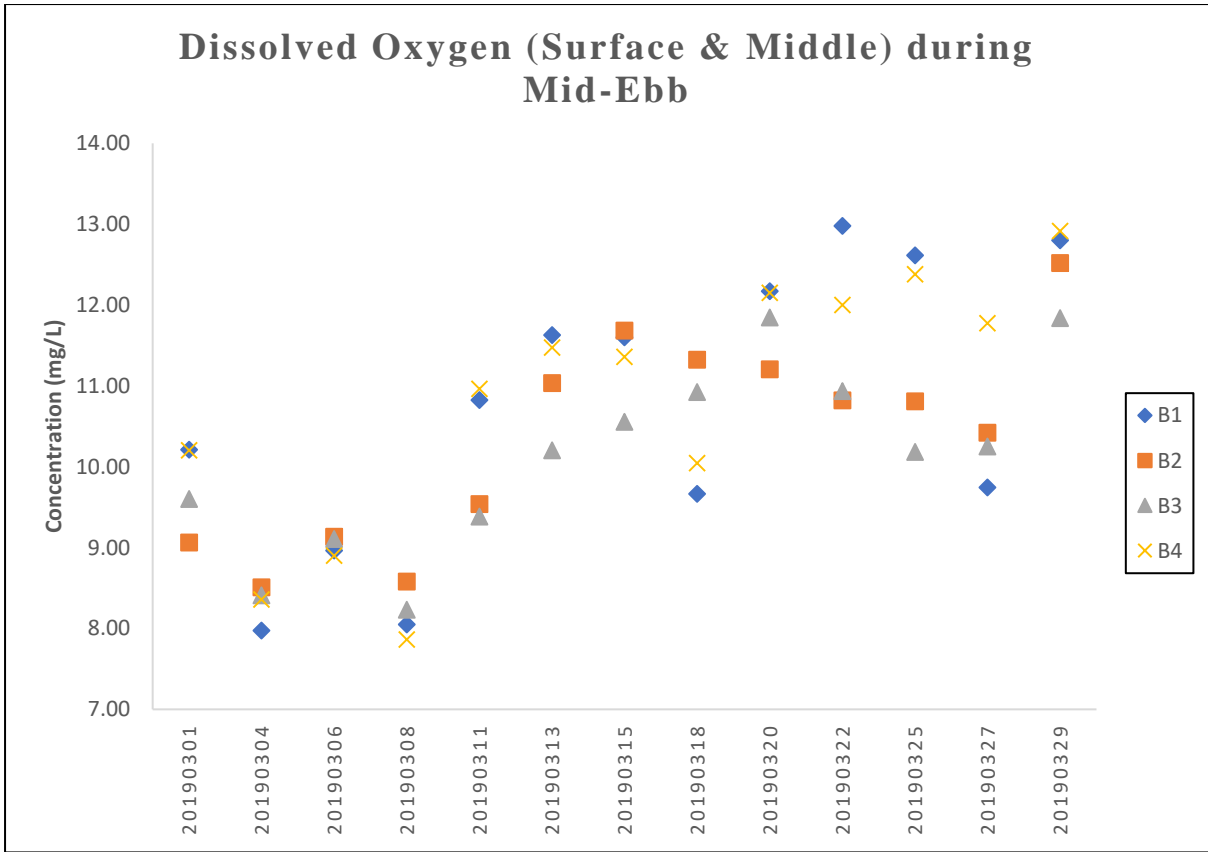




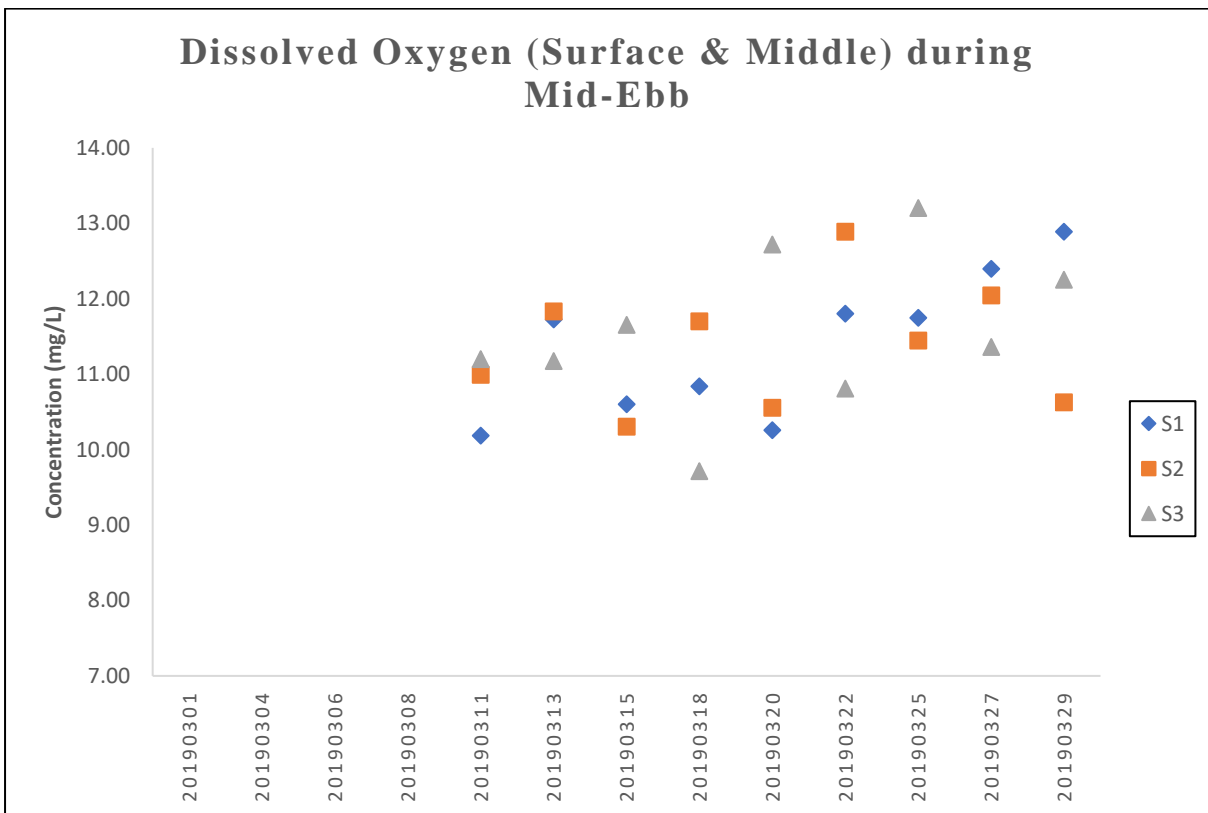
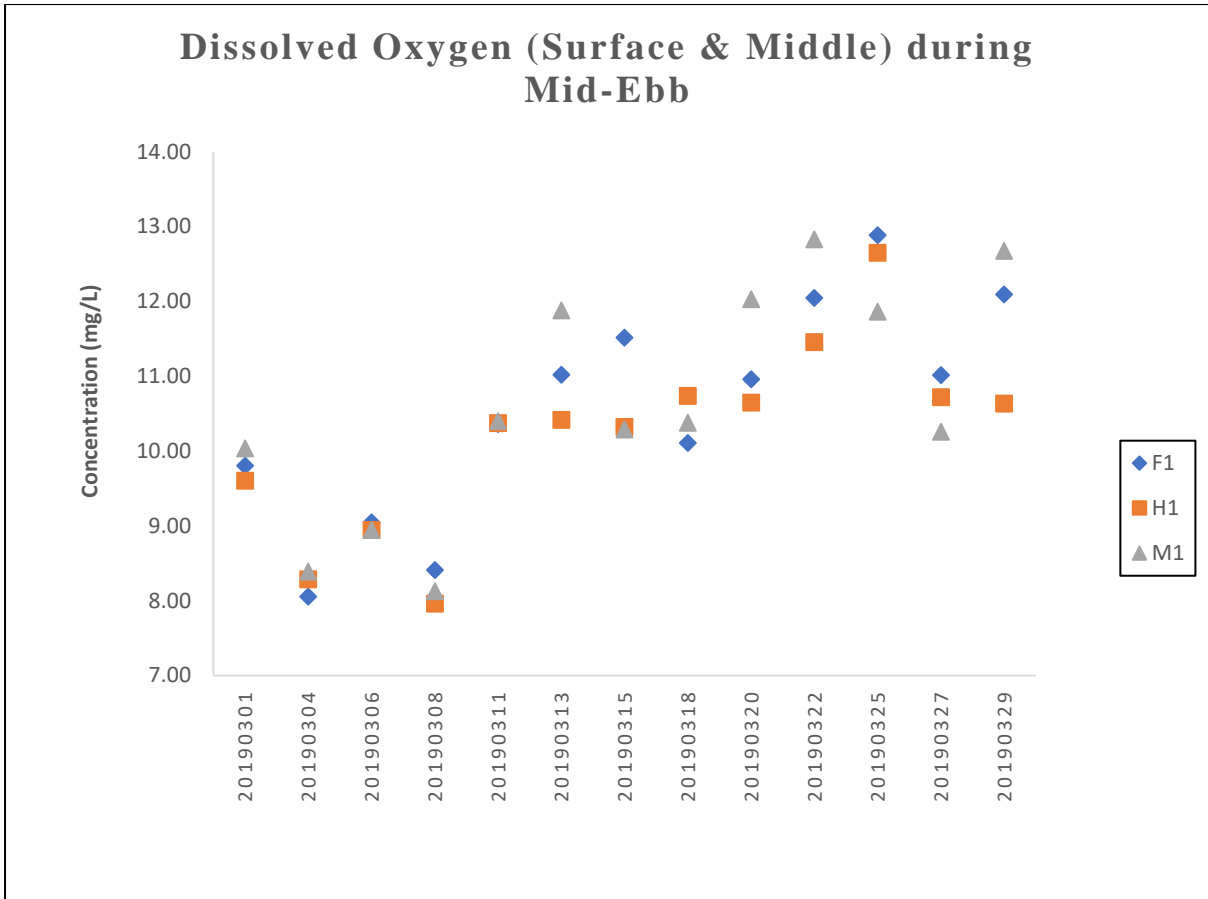
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



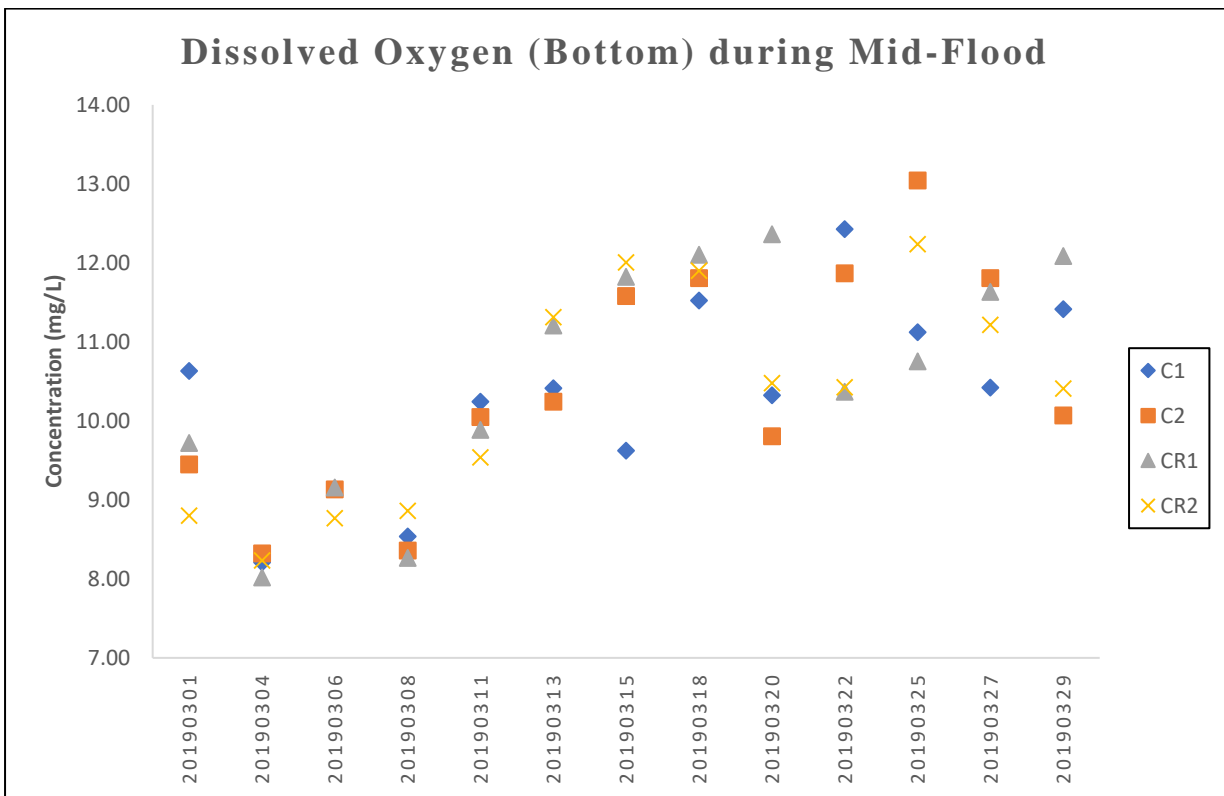
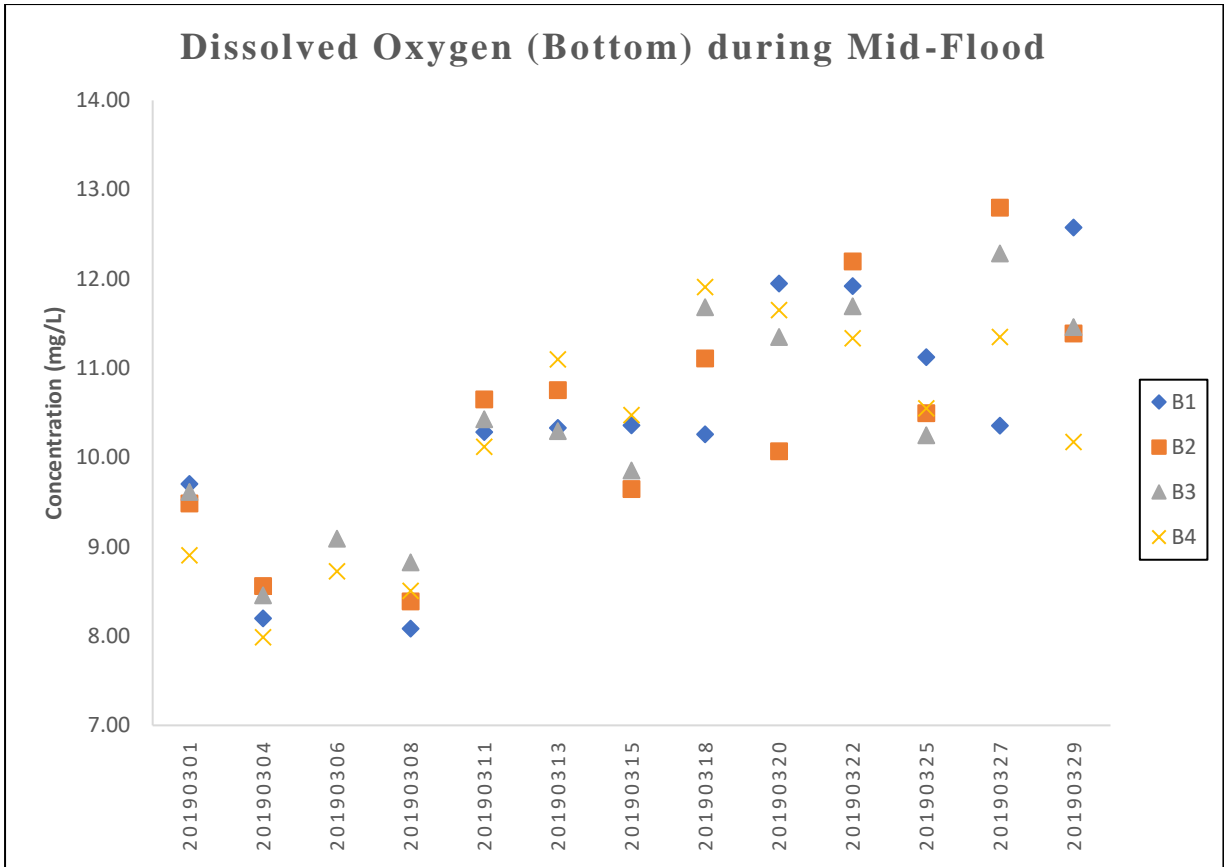
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



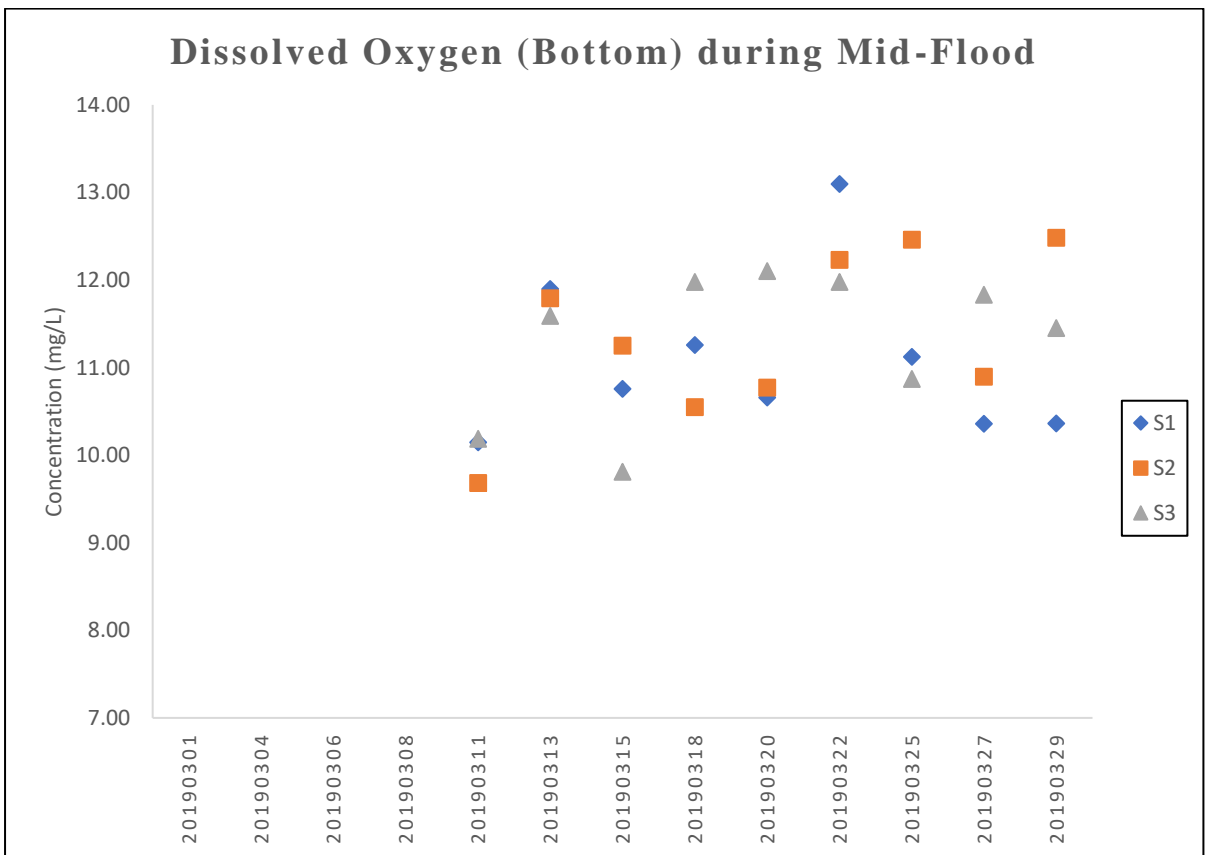
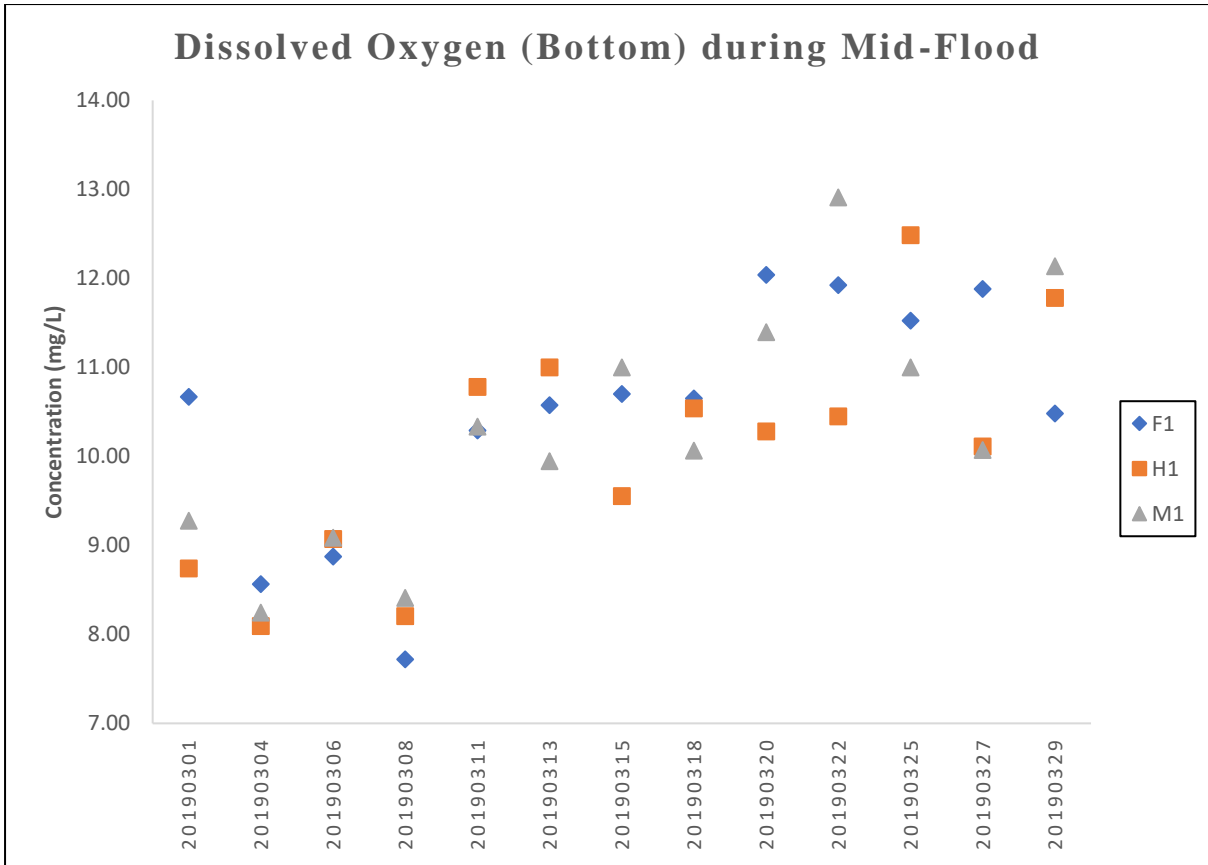
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



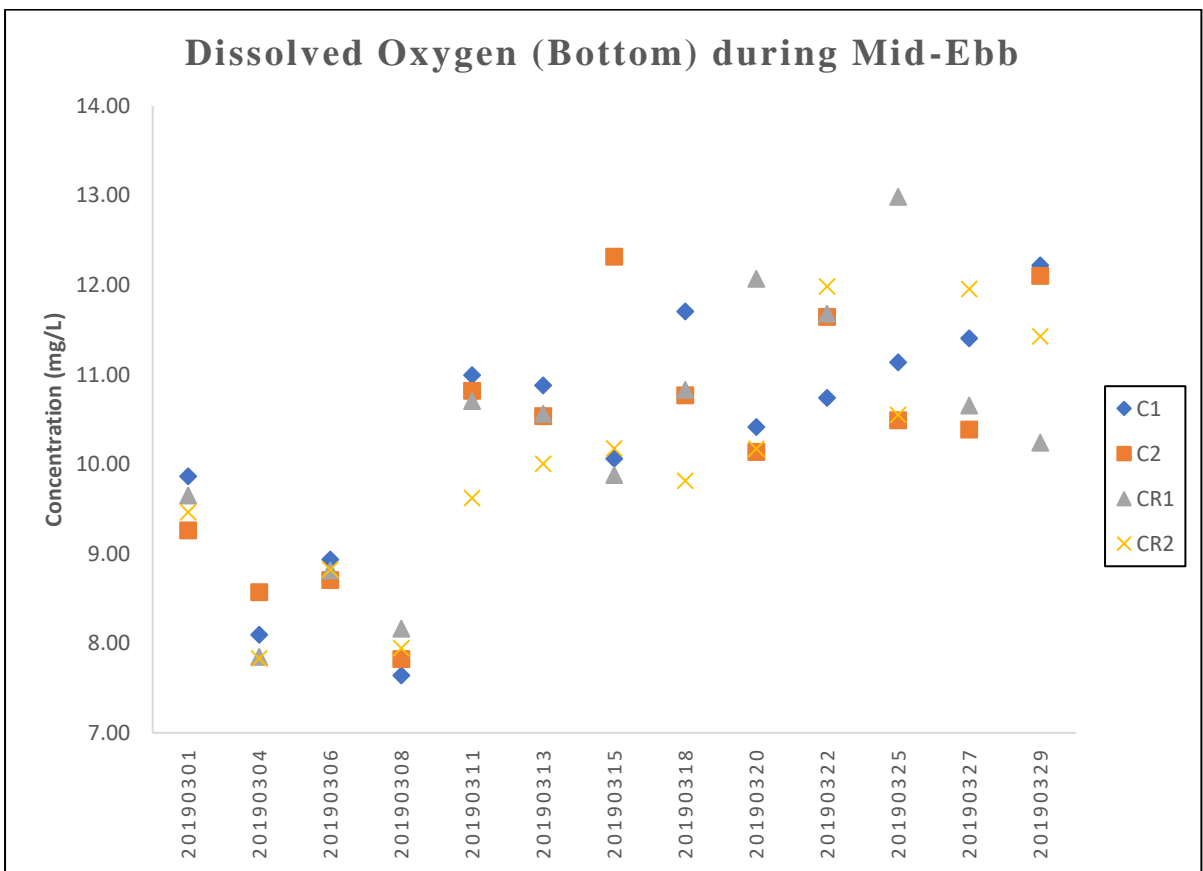
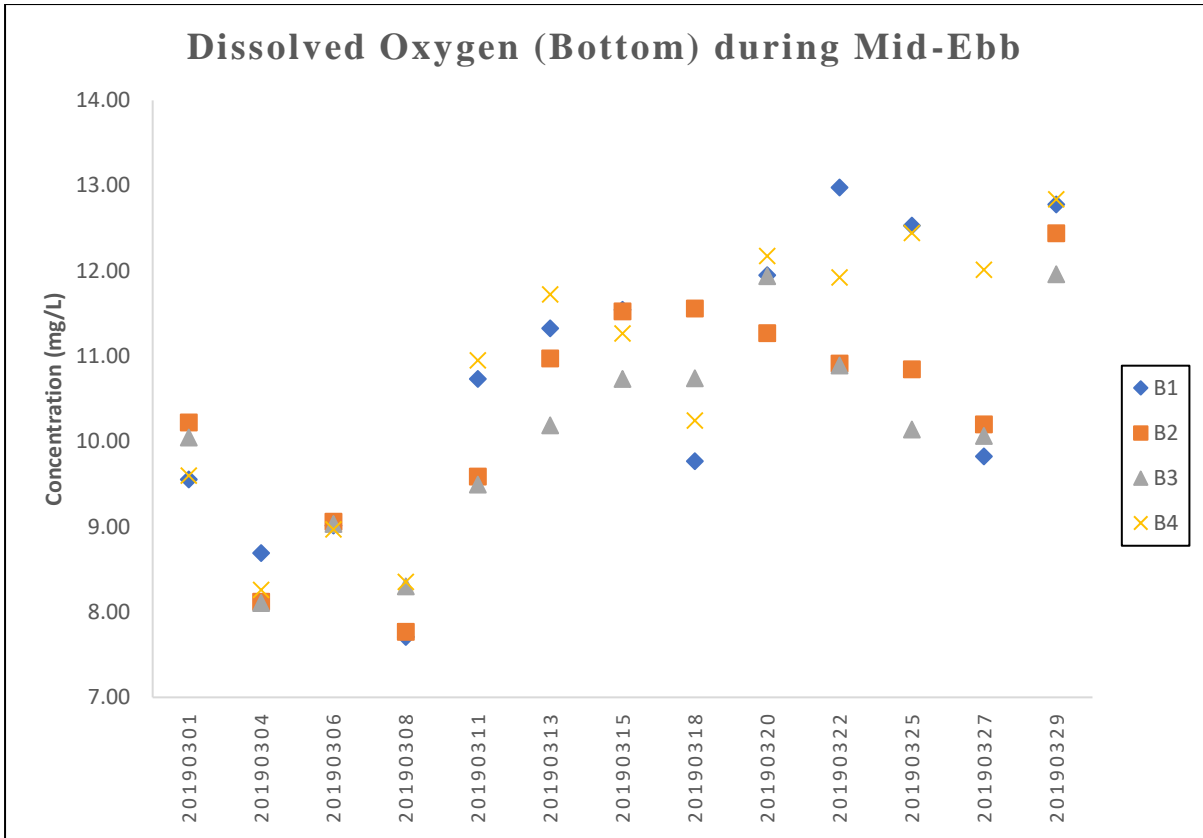
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



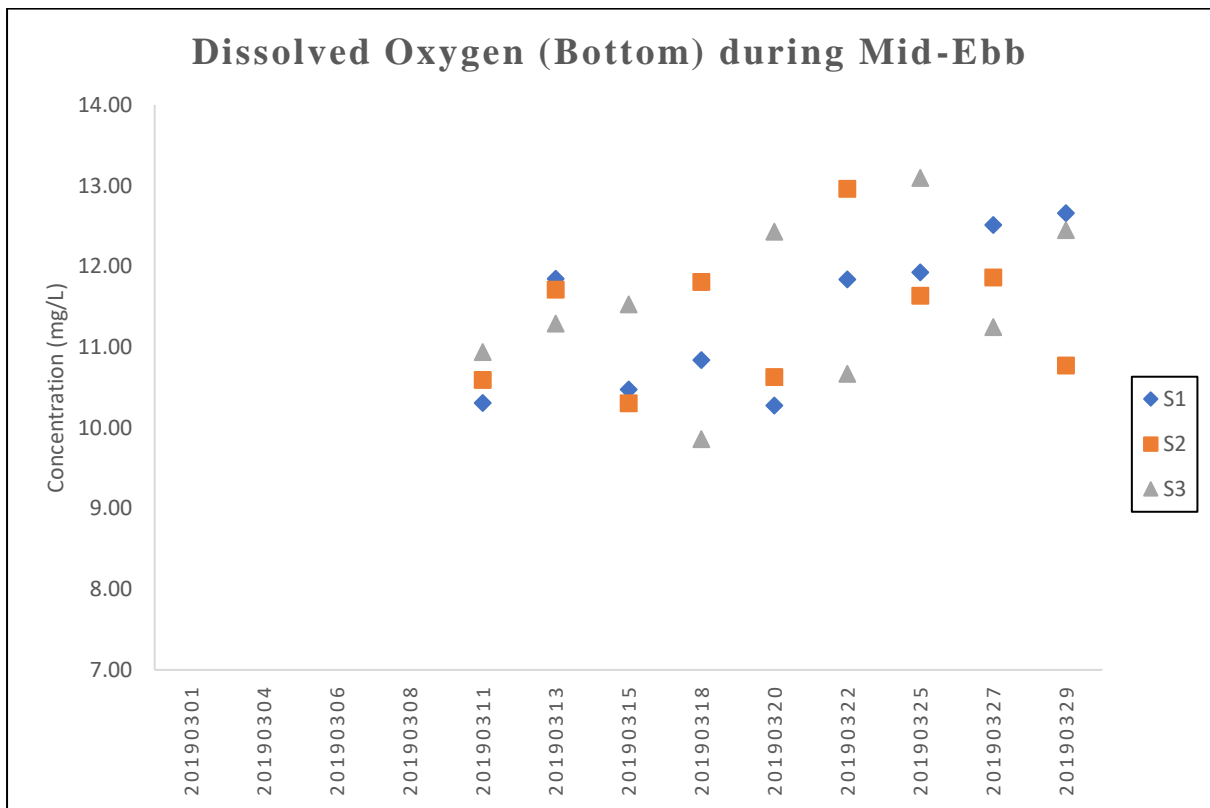
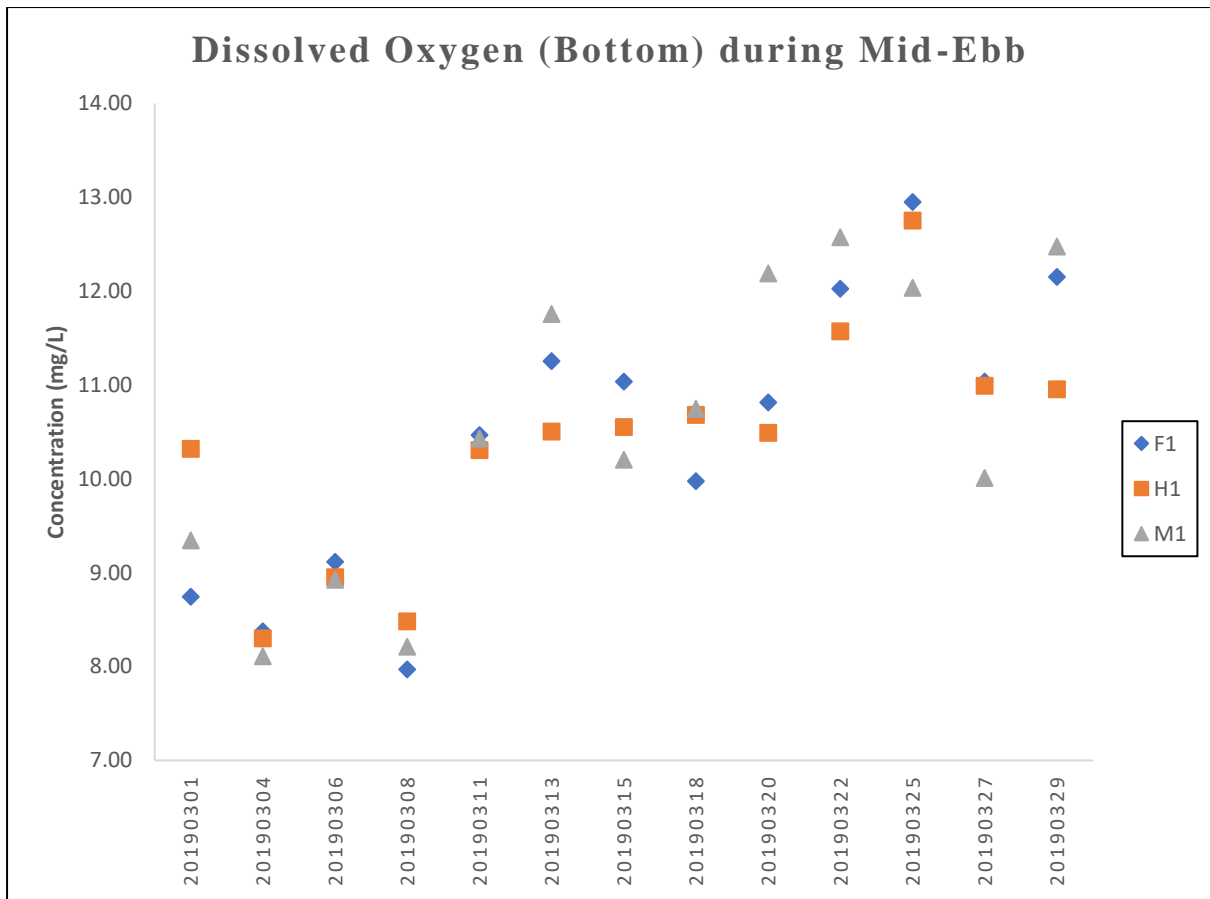
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



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

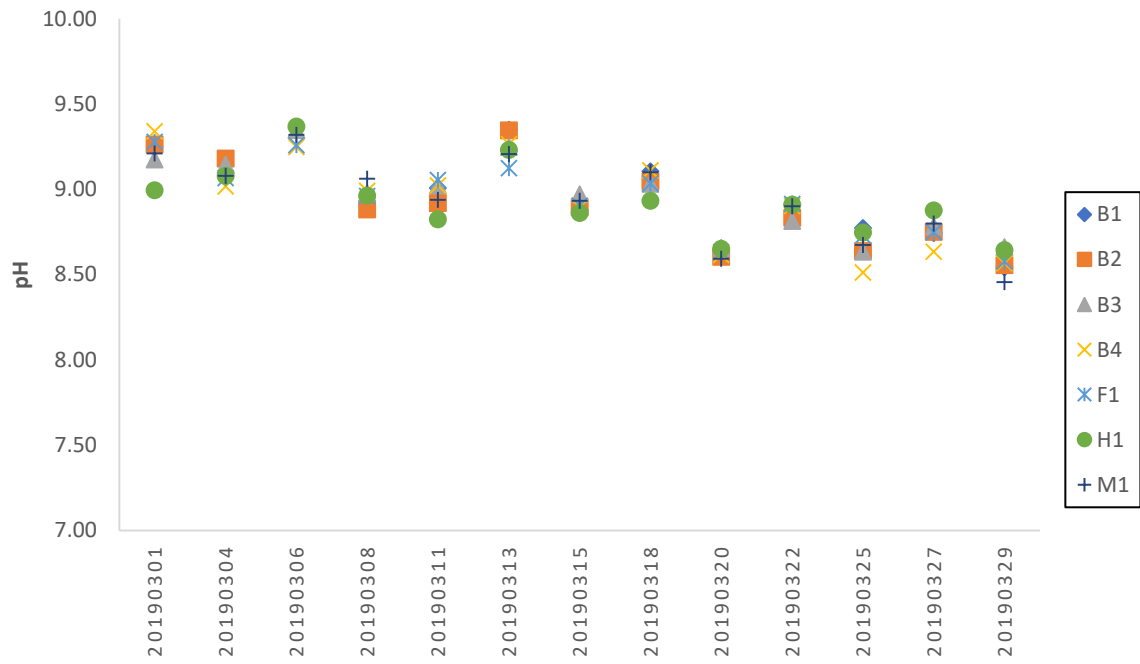


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

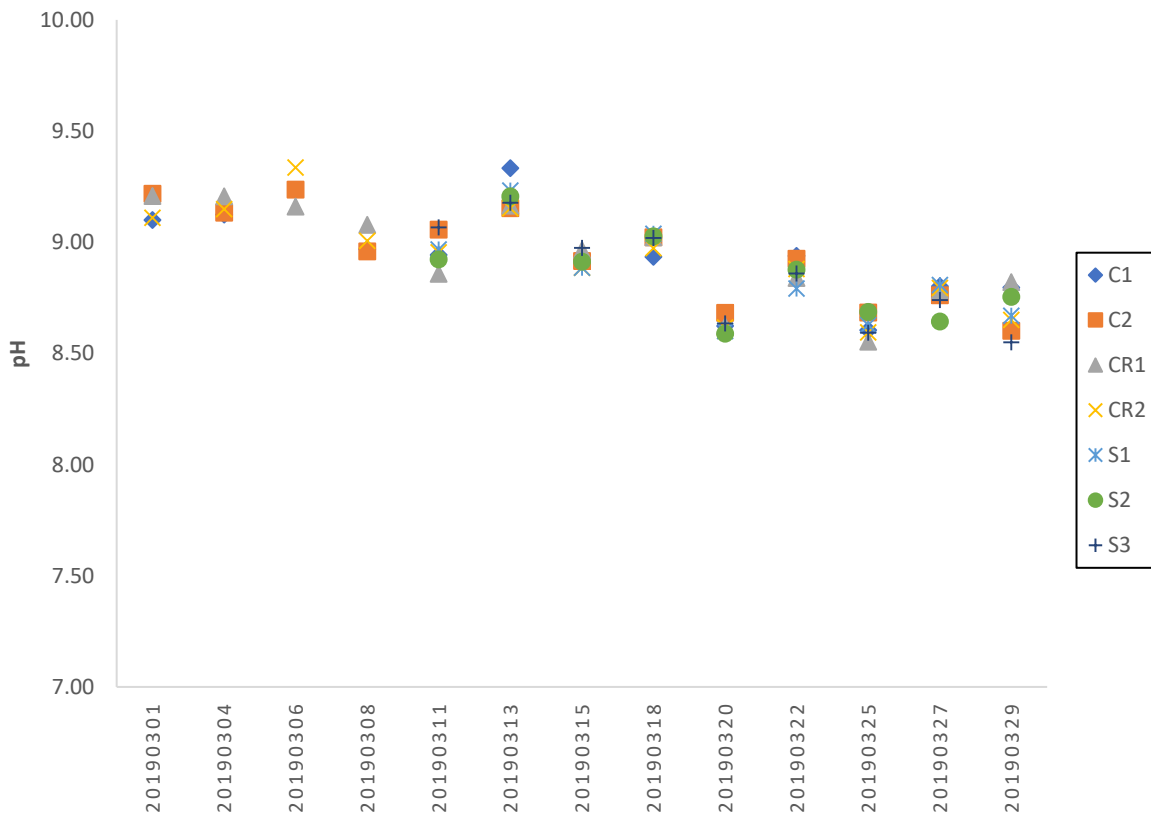


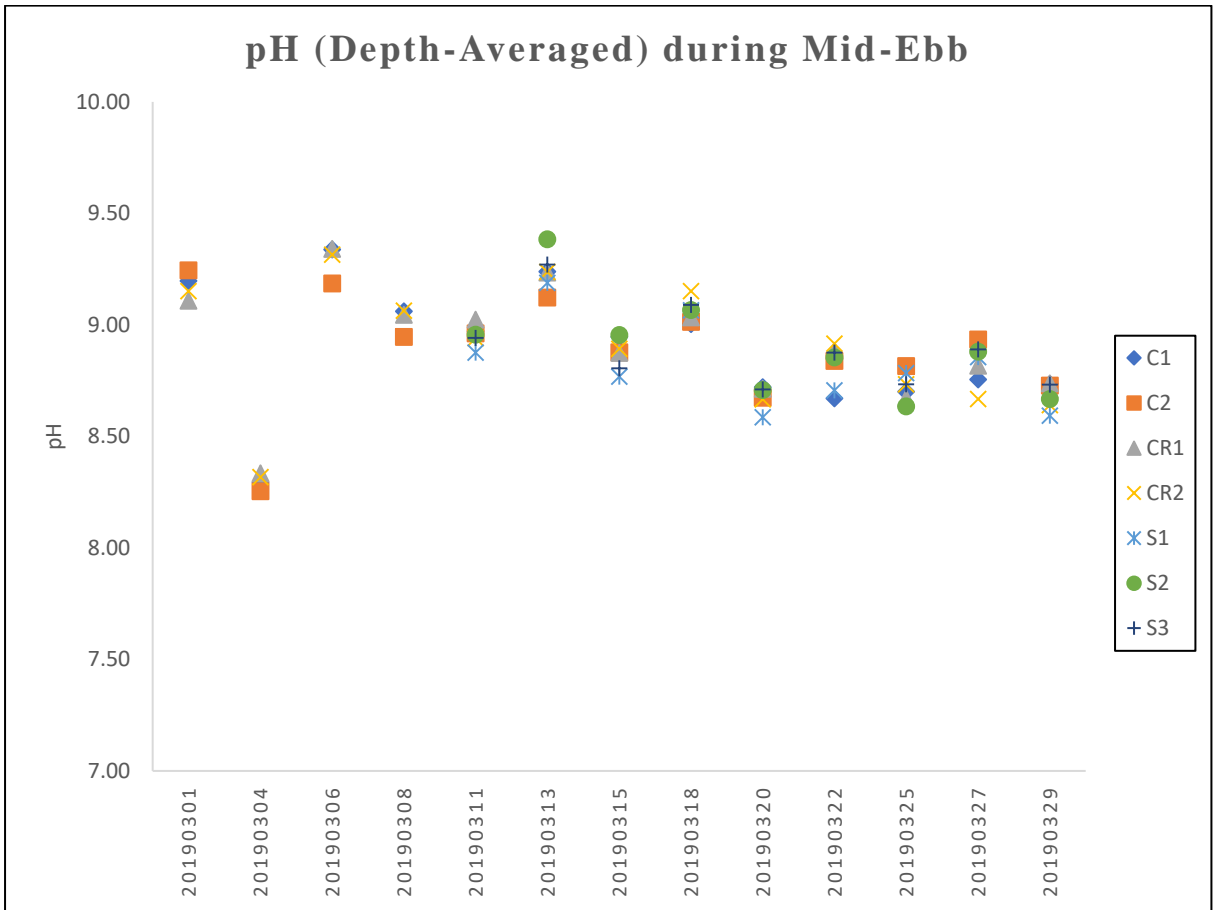
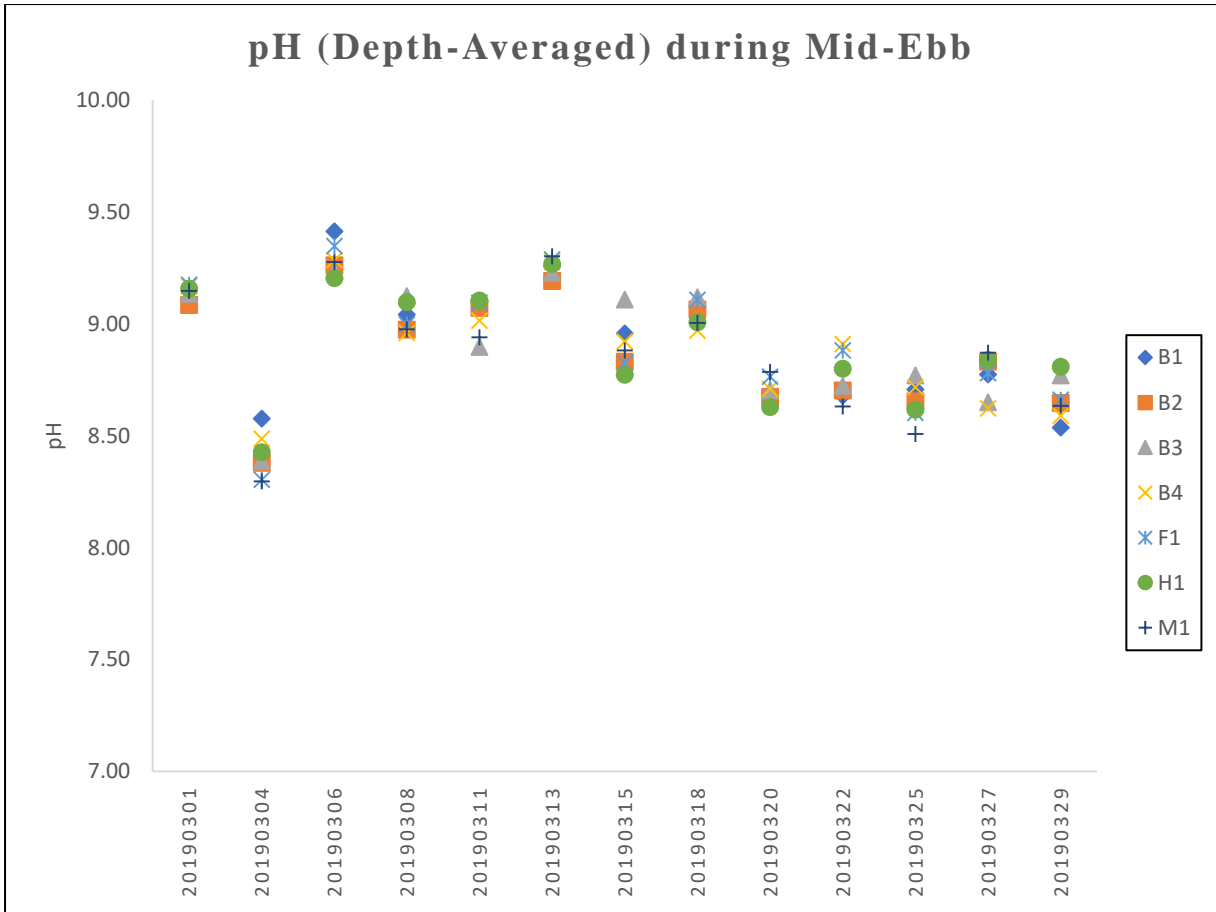
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

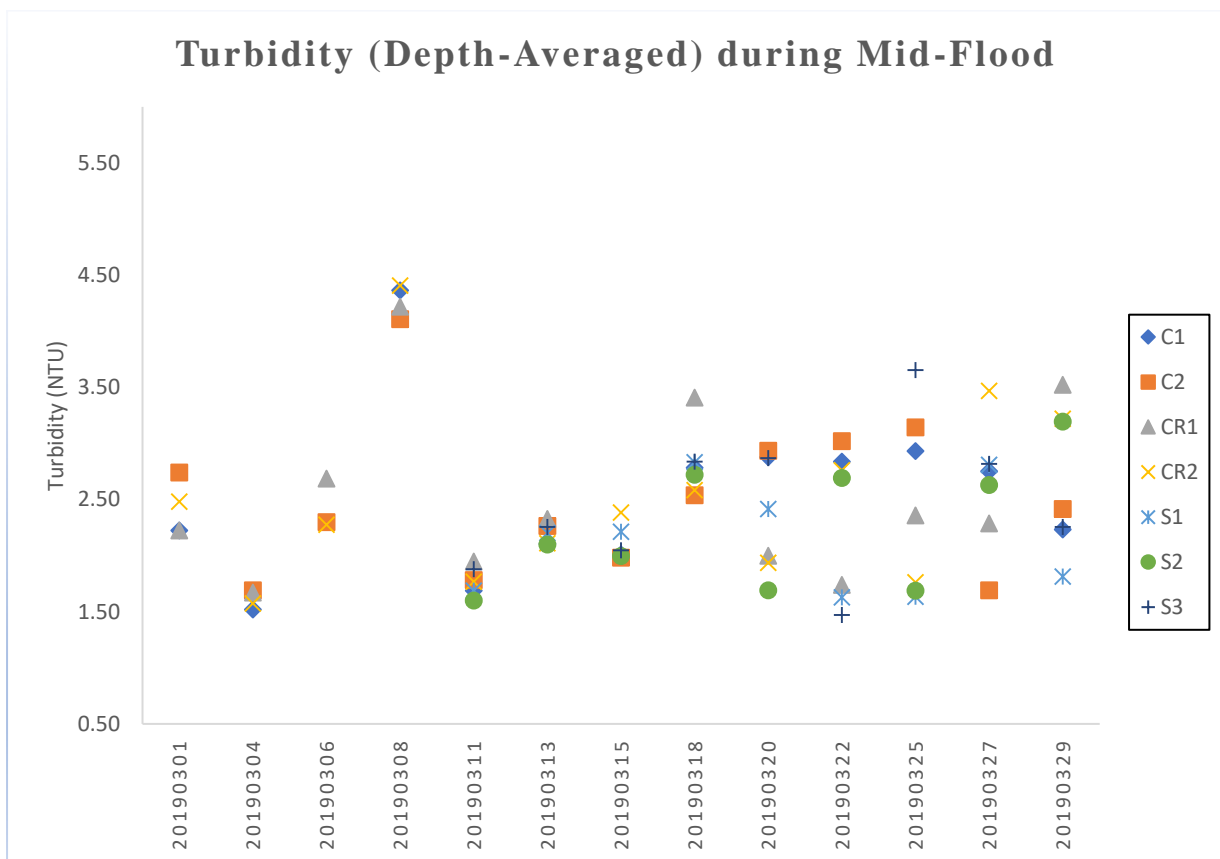
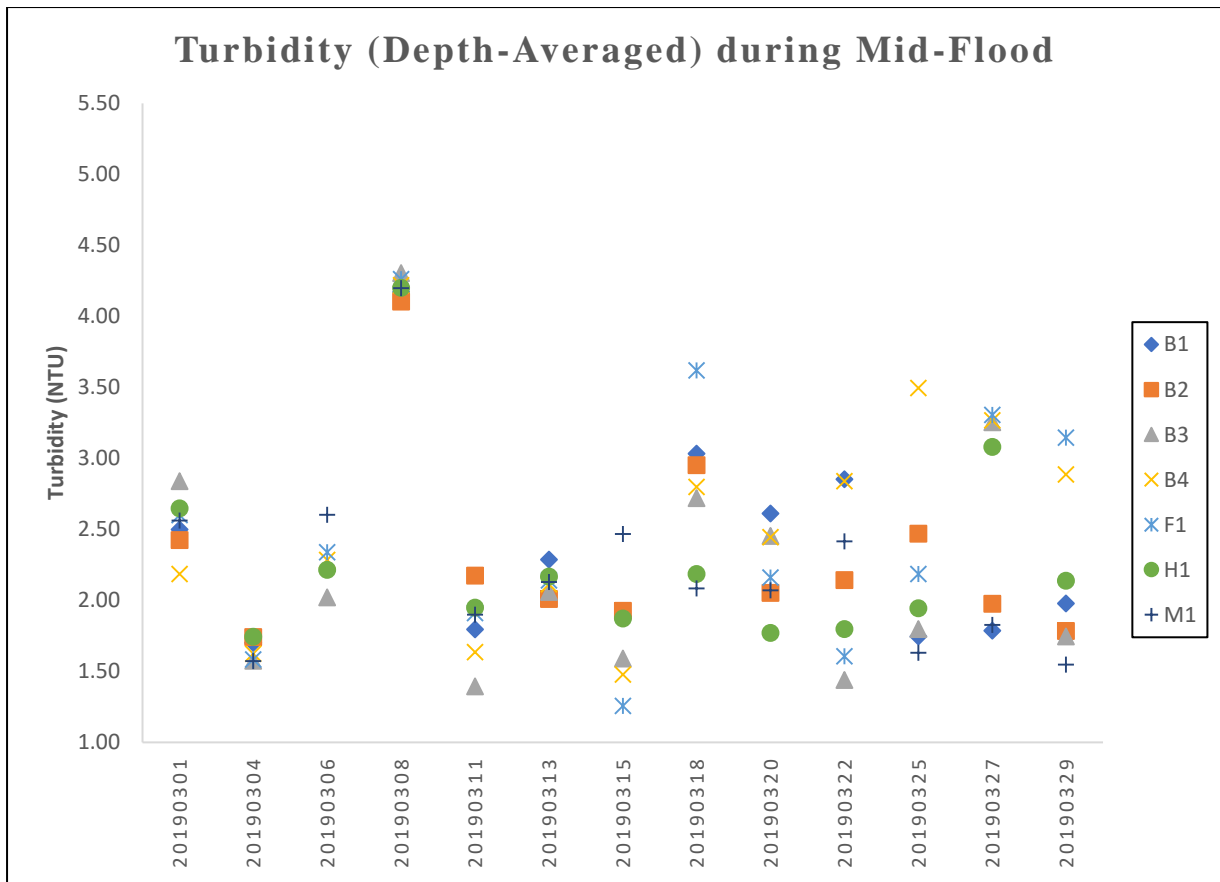
pH (Depth-Averaged) during Mid-Flood



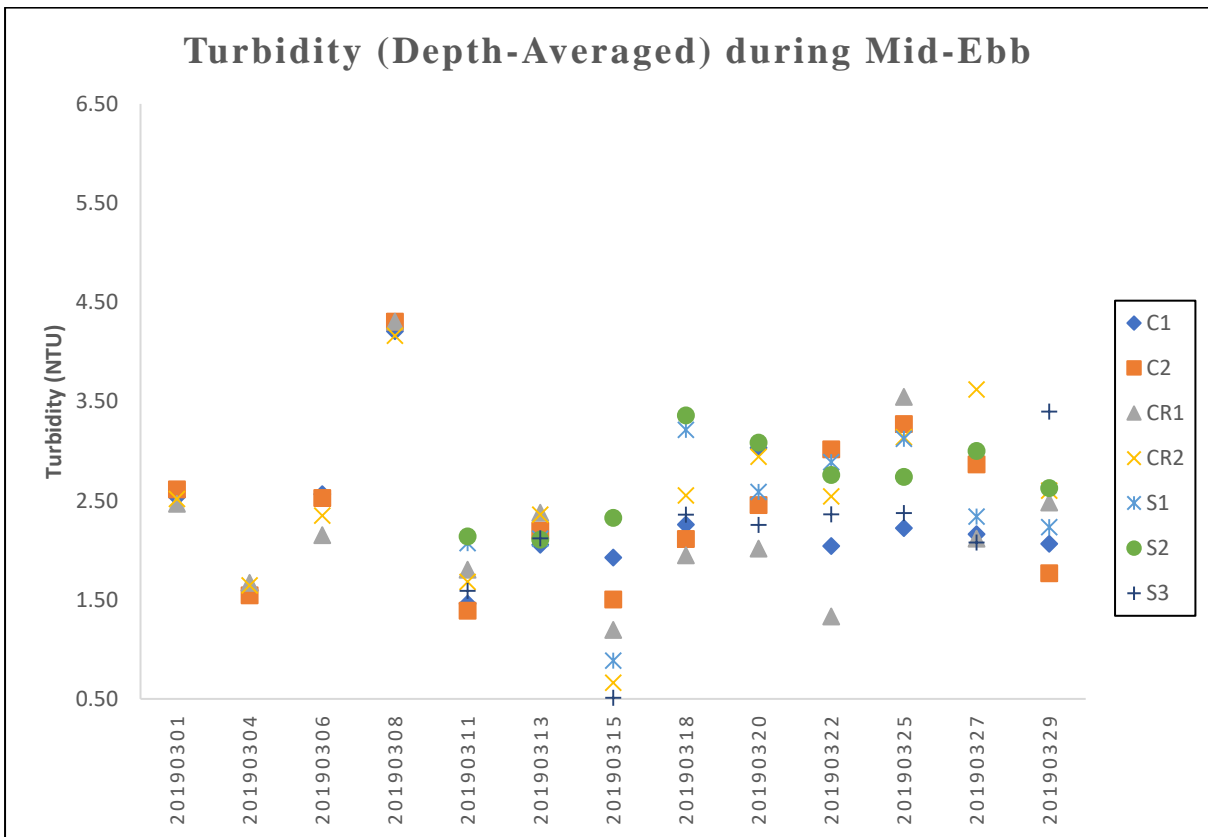
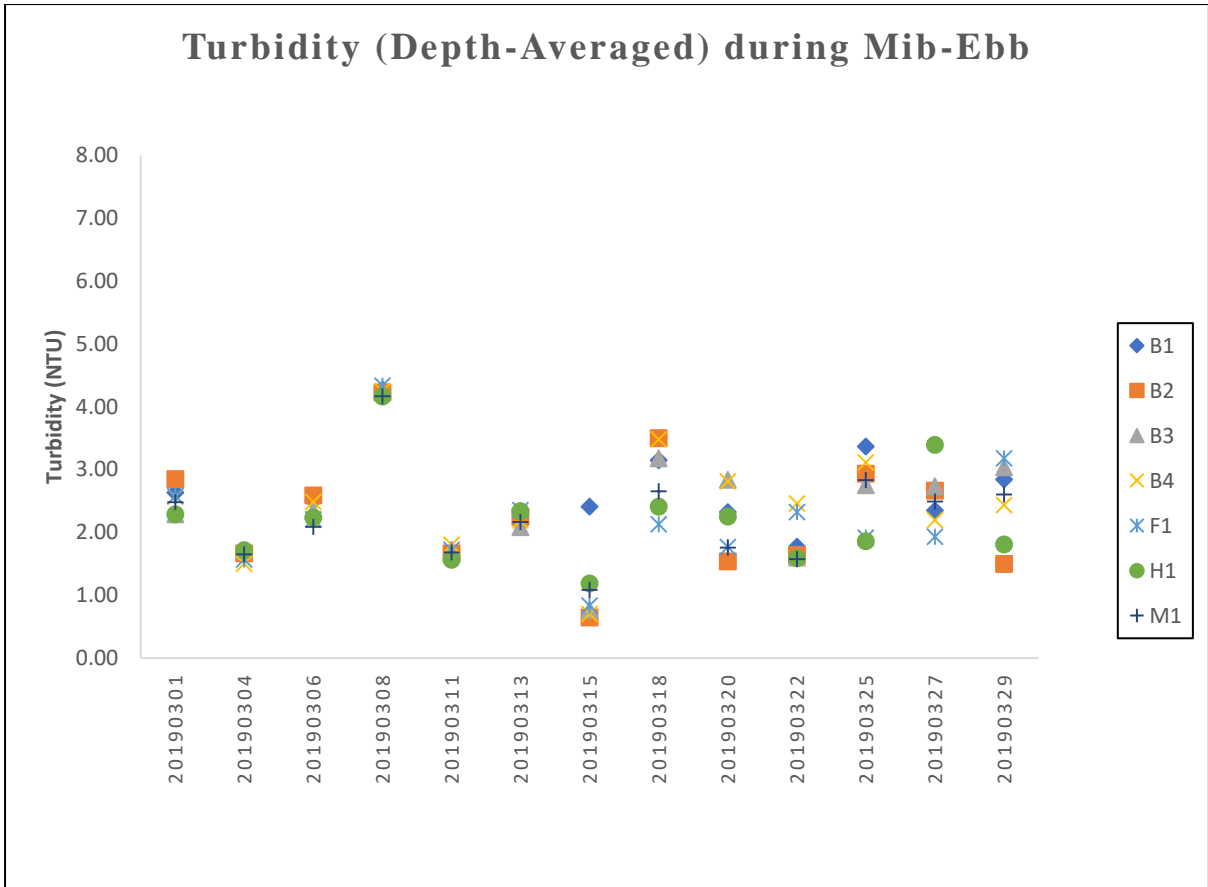
pH (Depth-Averaged) during Mid-Flood



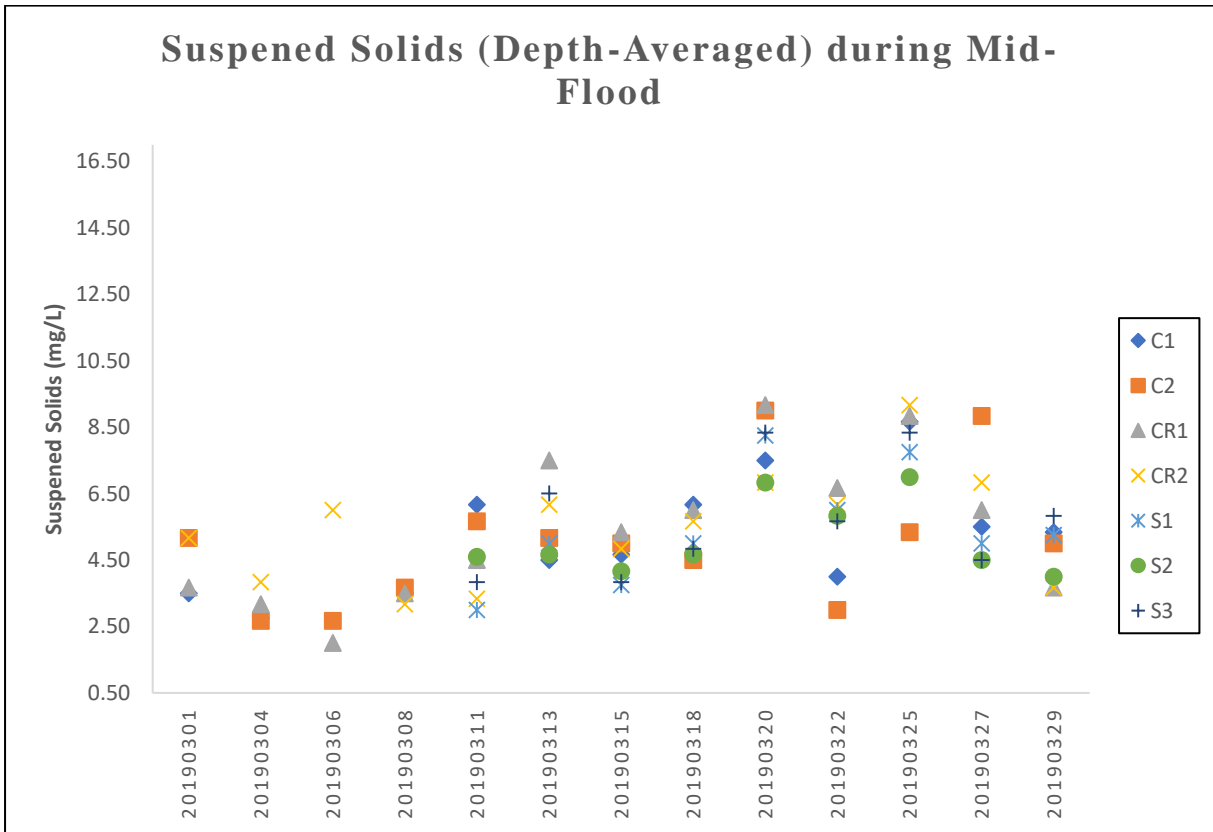
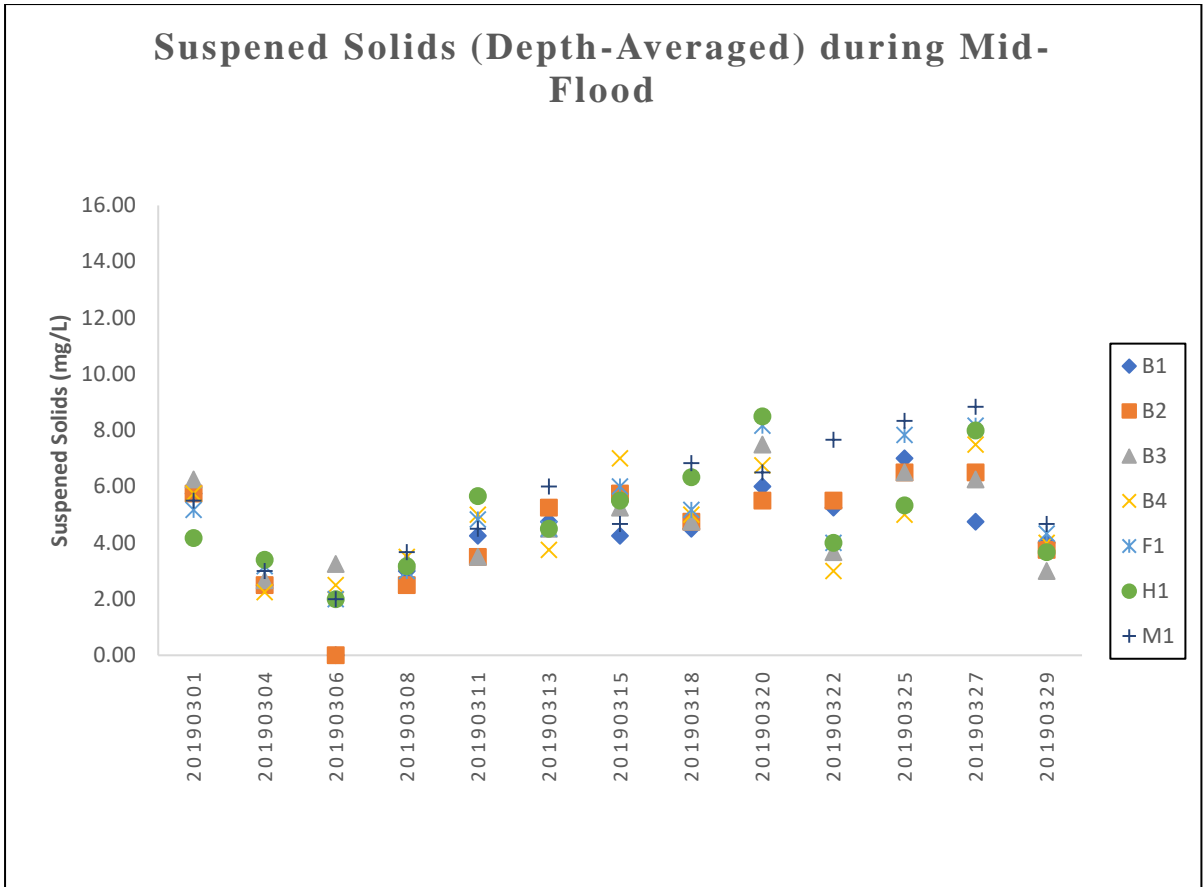




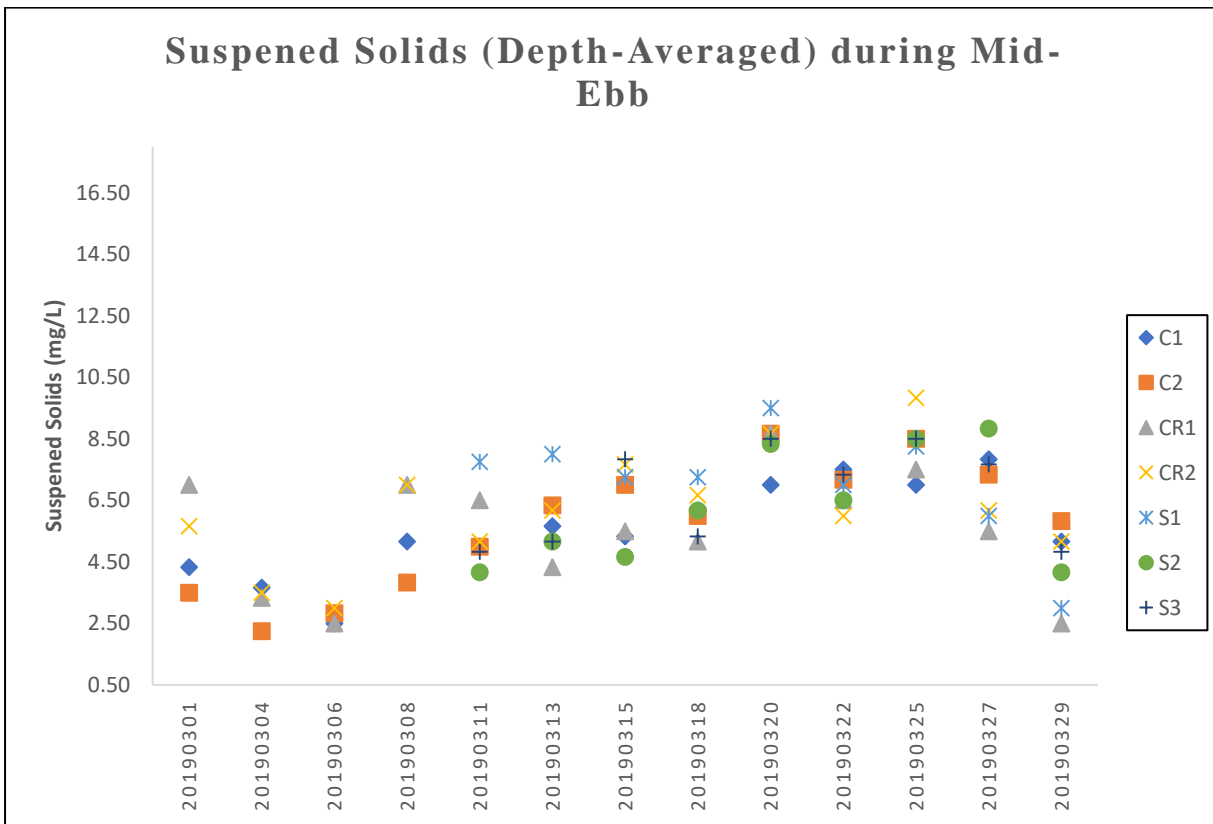
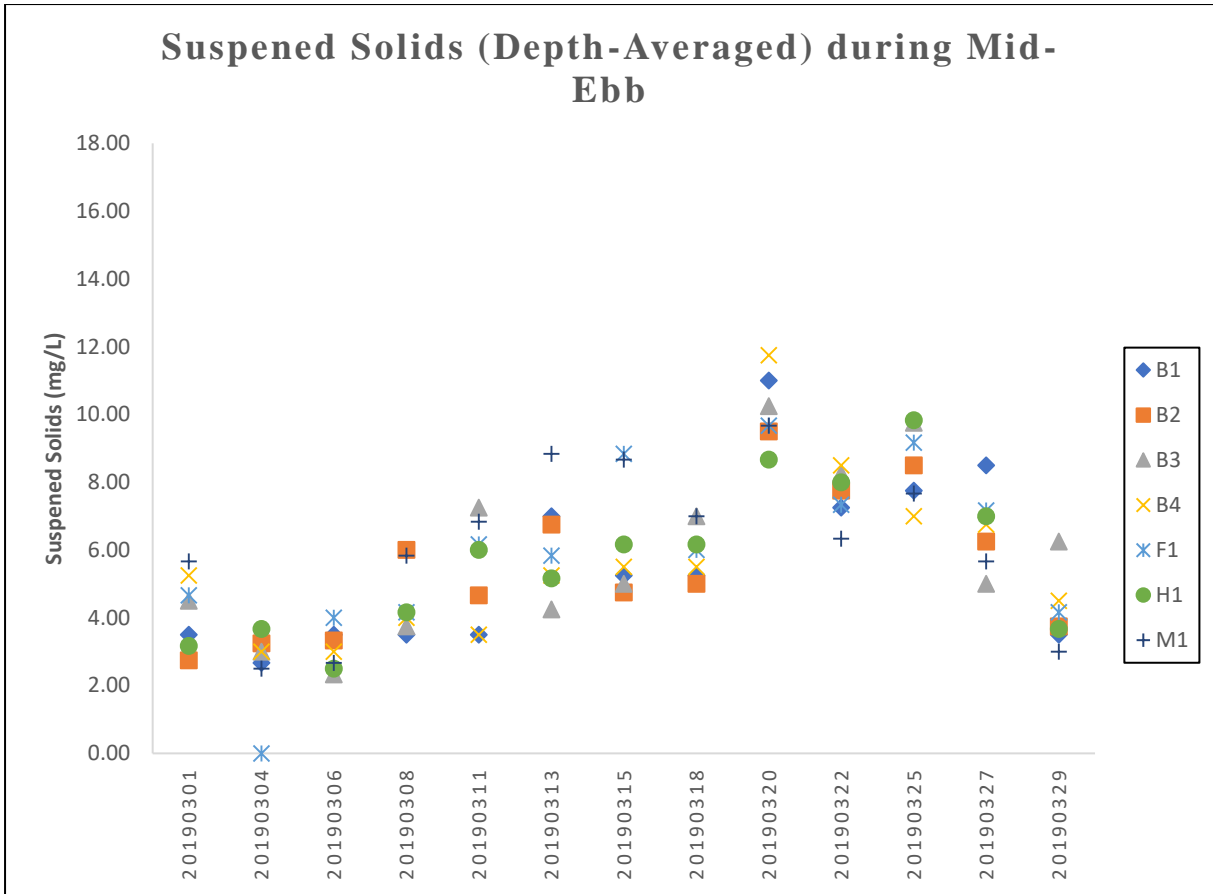
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



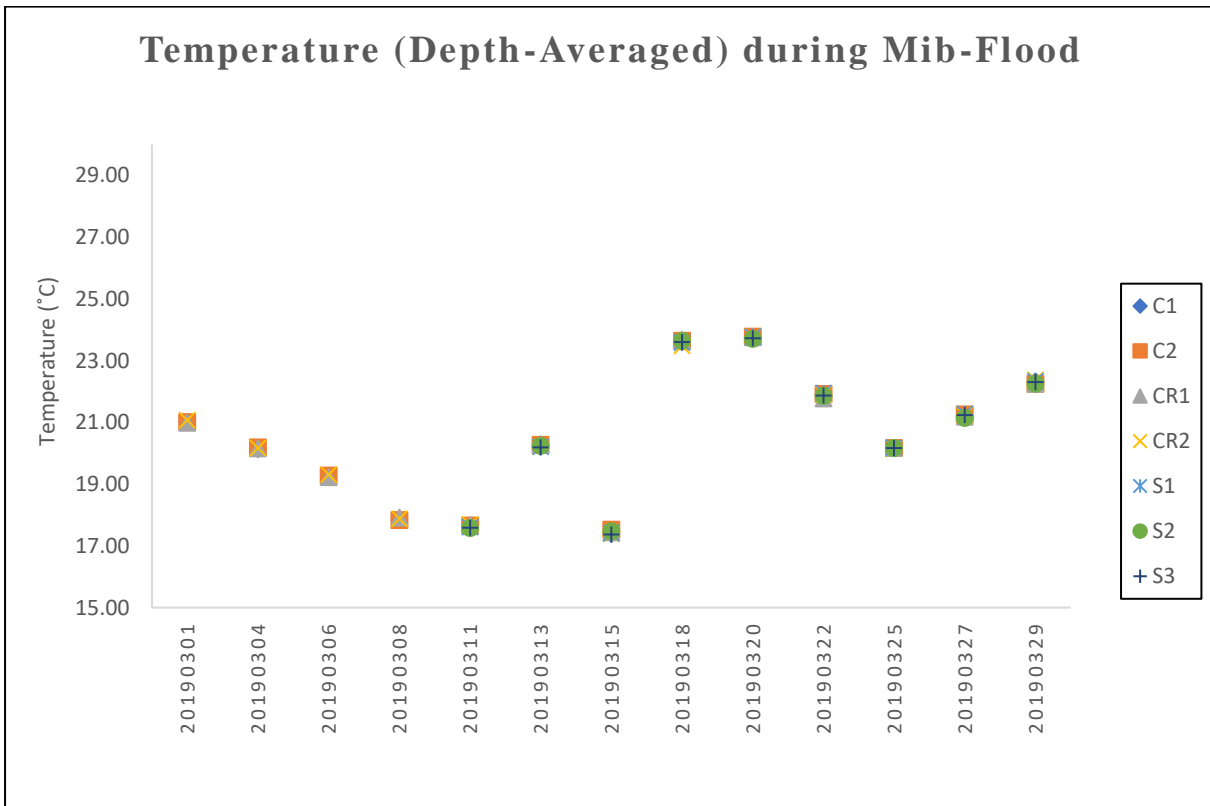
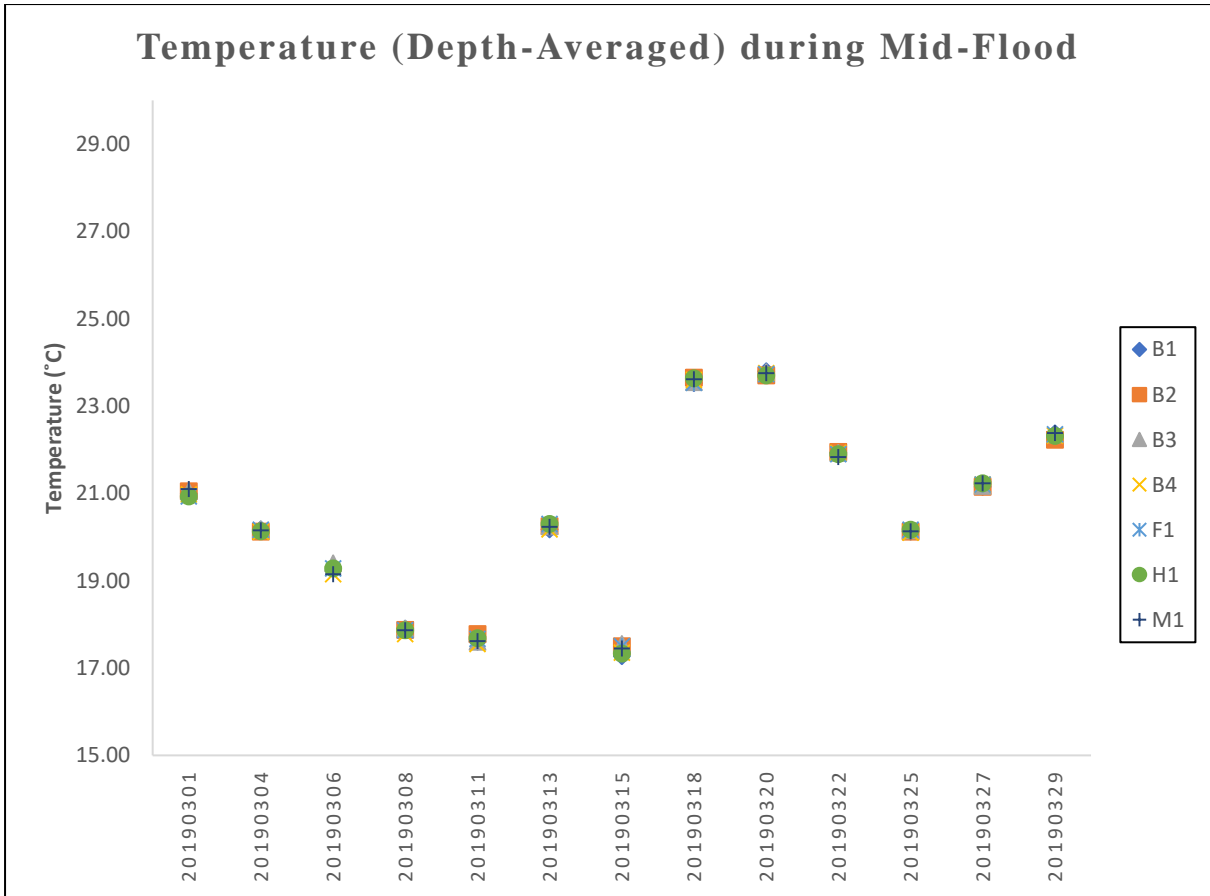
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



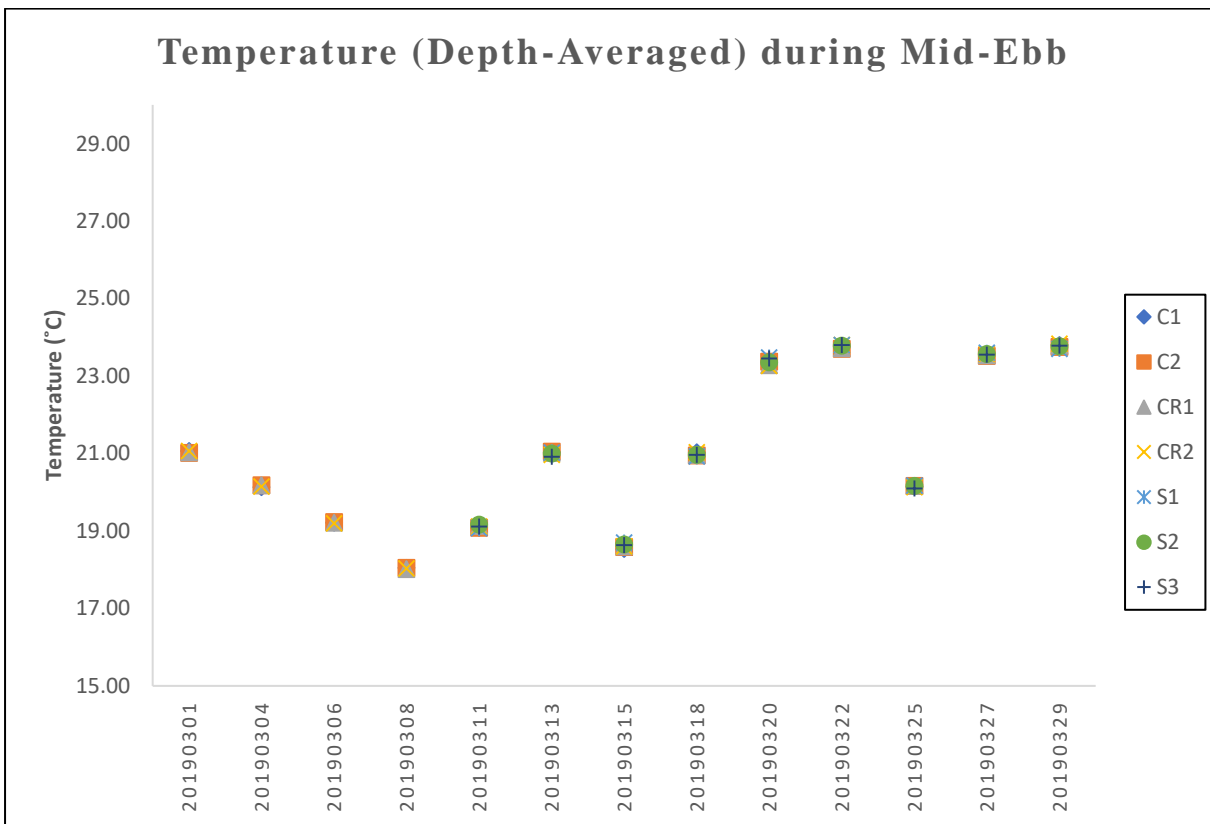
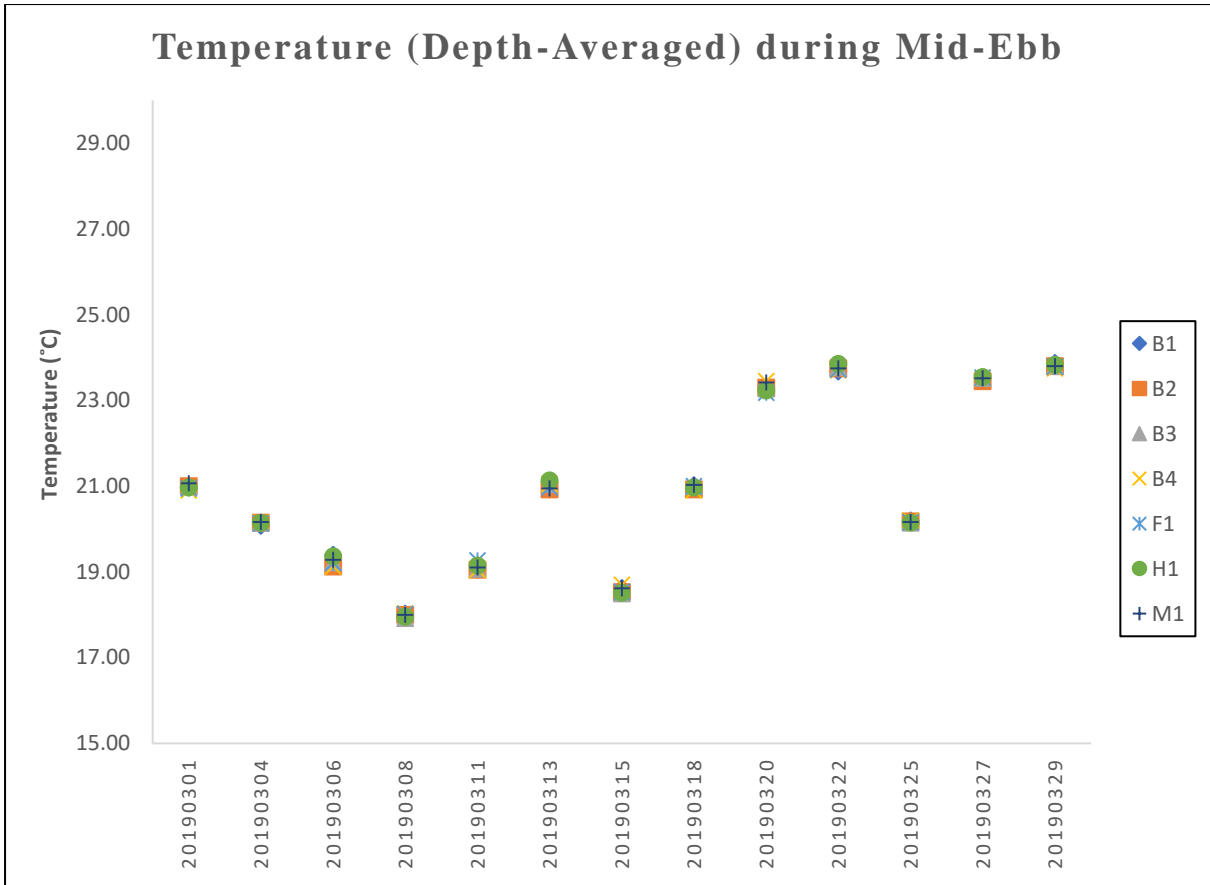
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



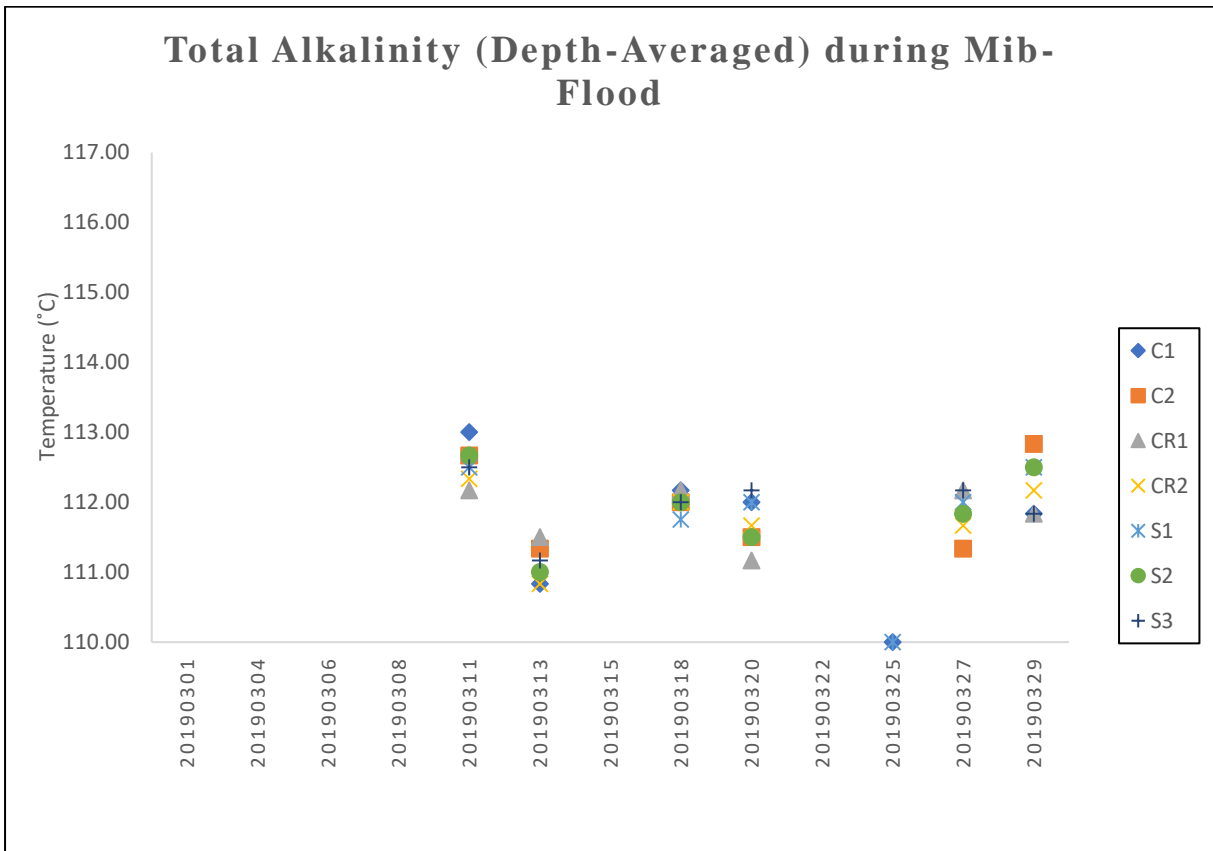
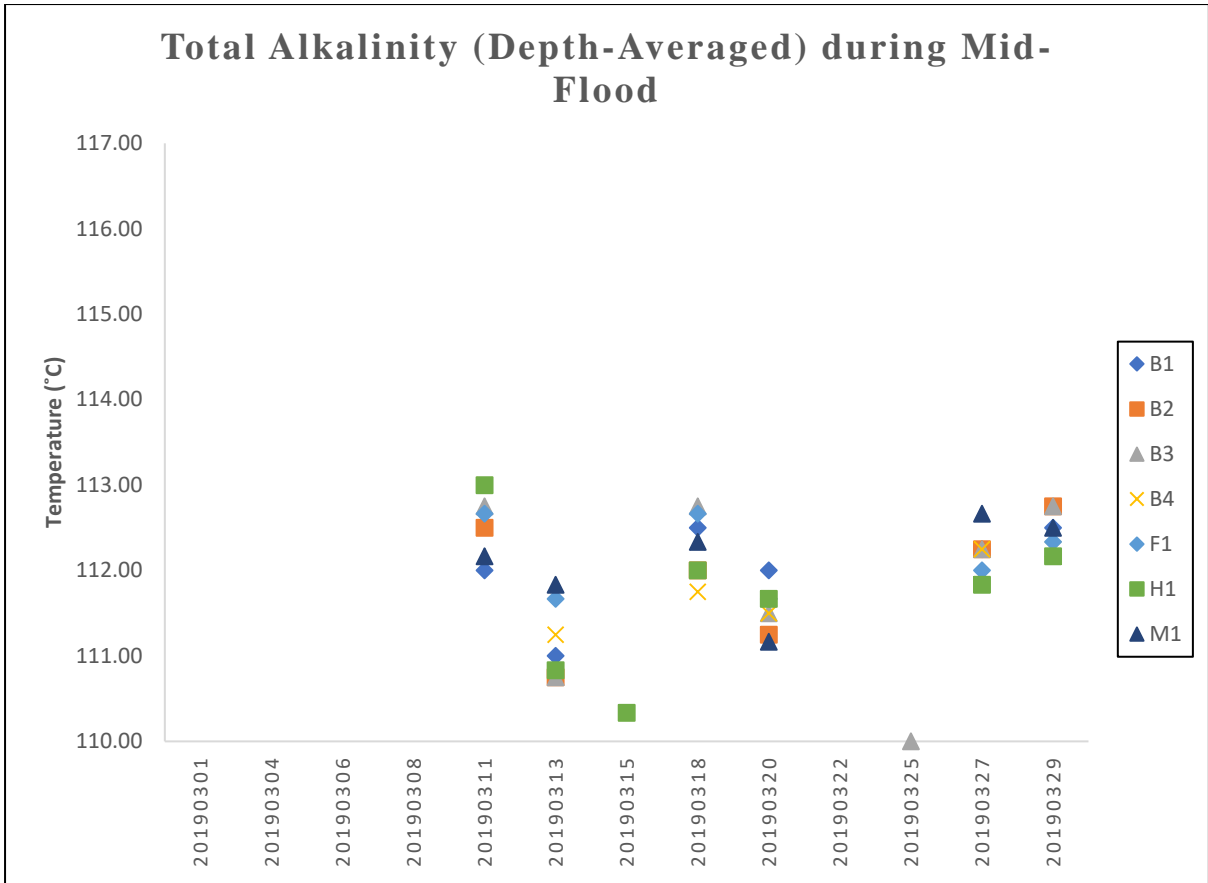
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



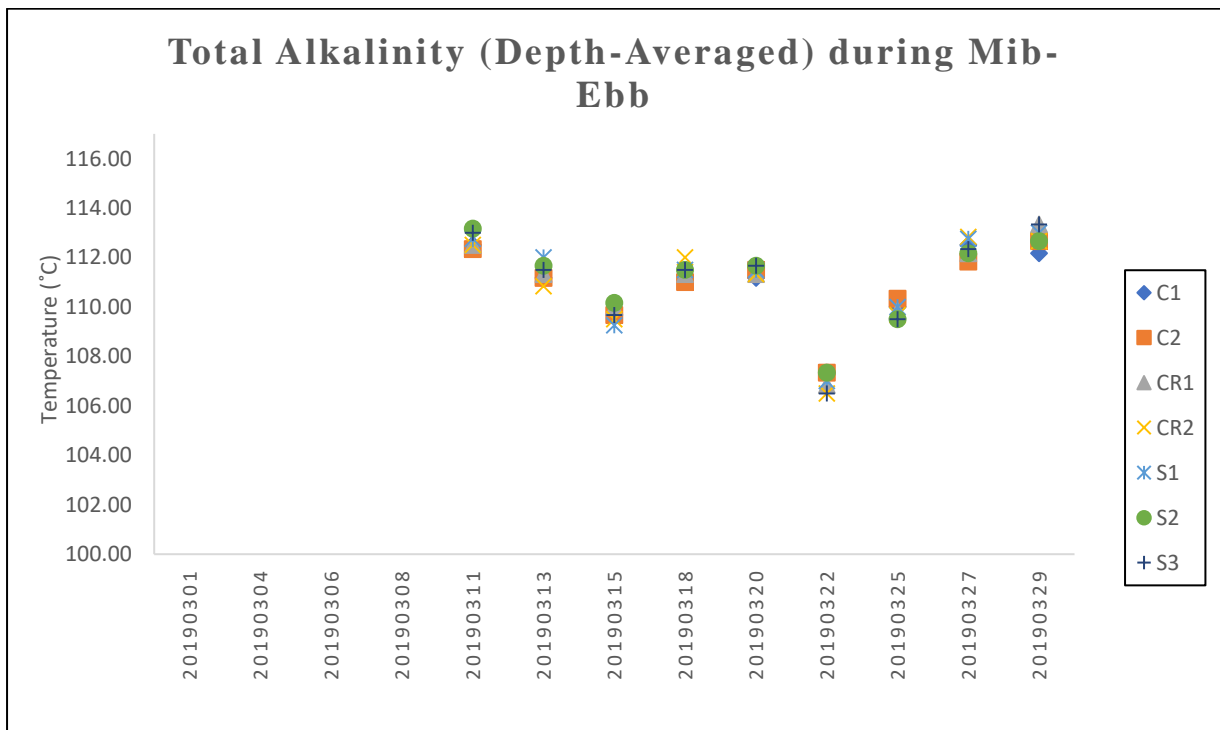
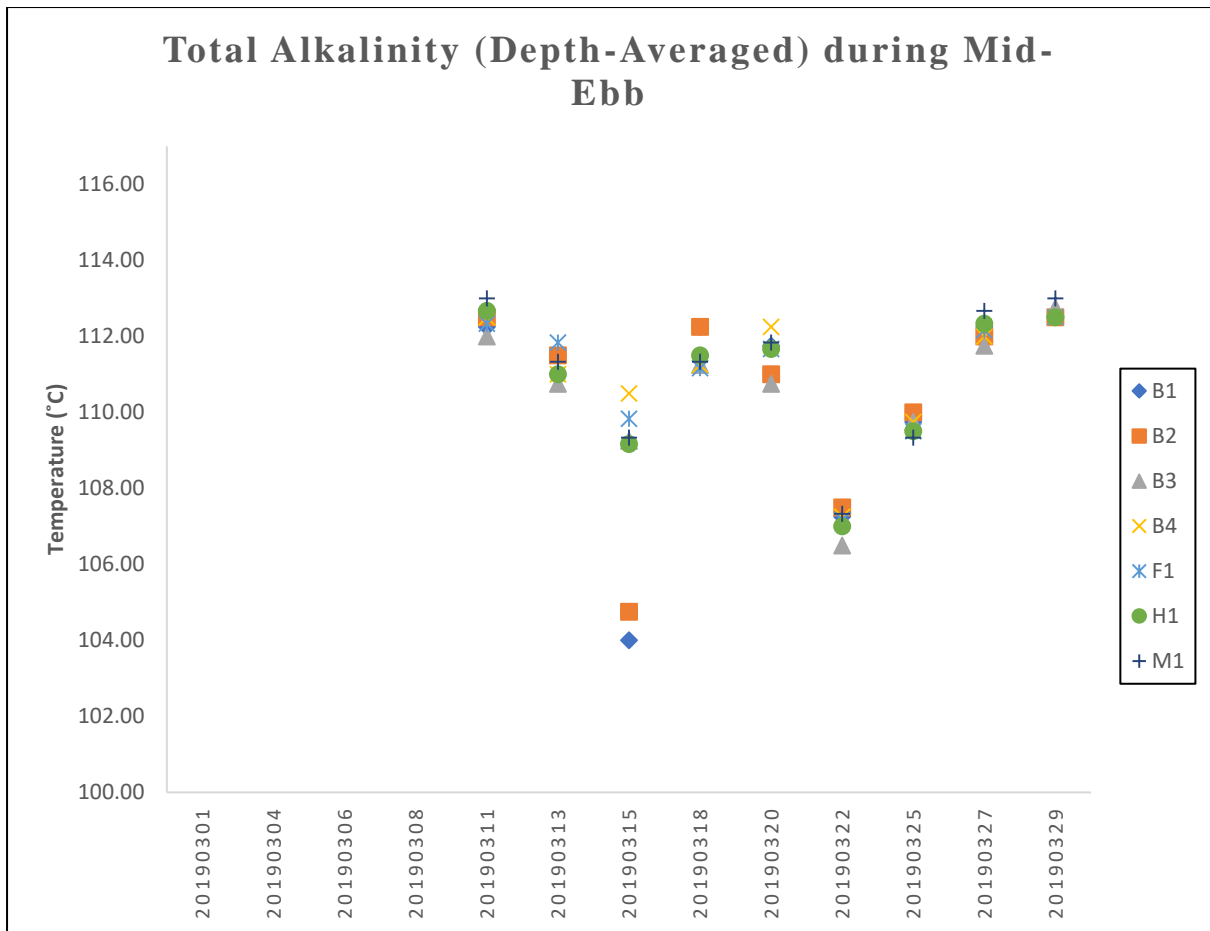
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



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

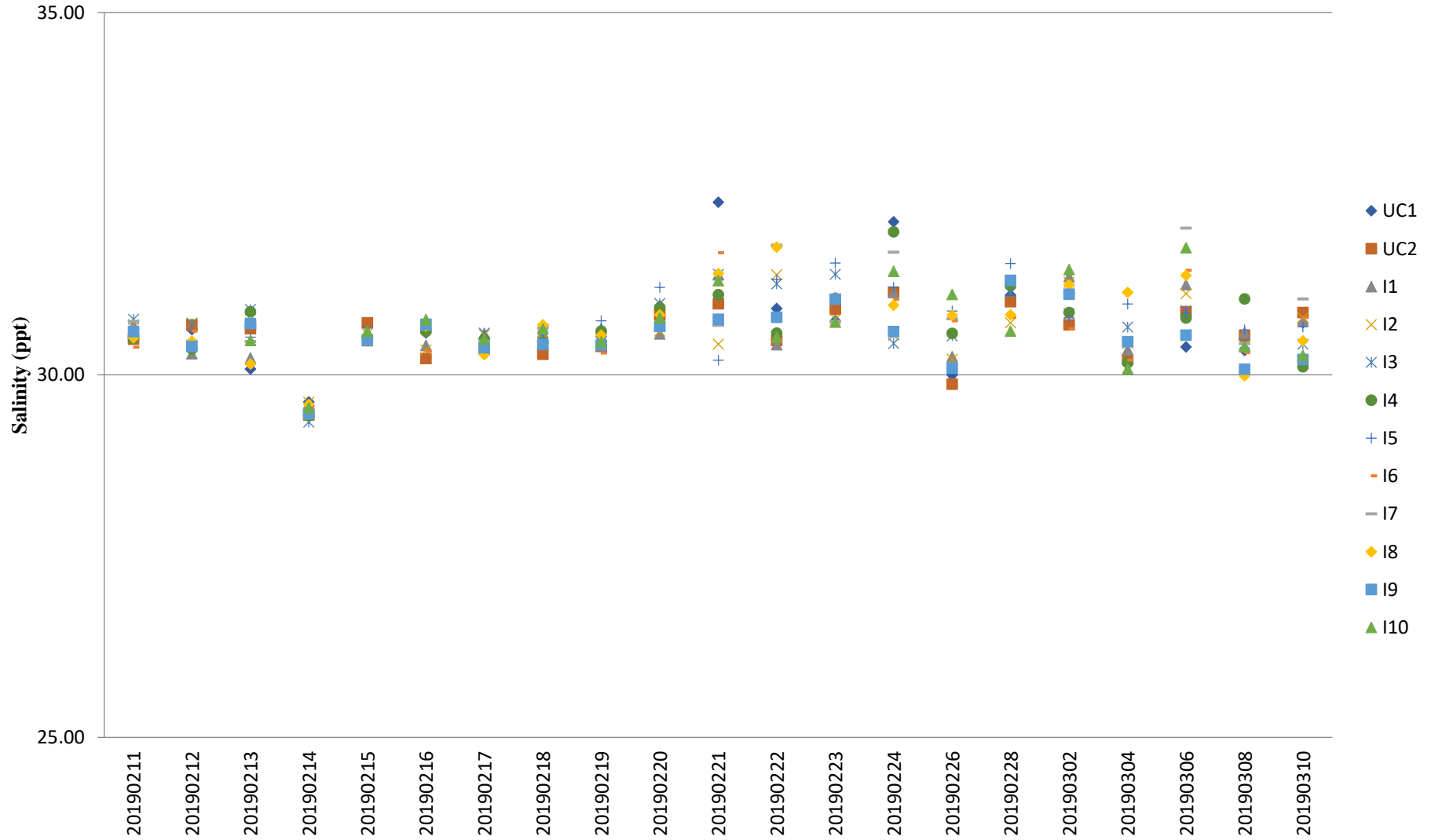


Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

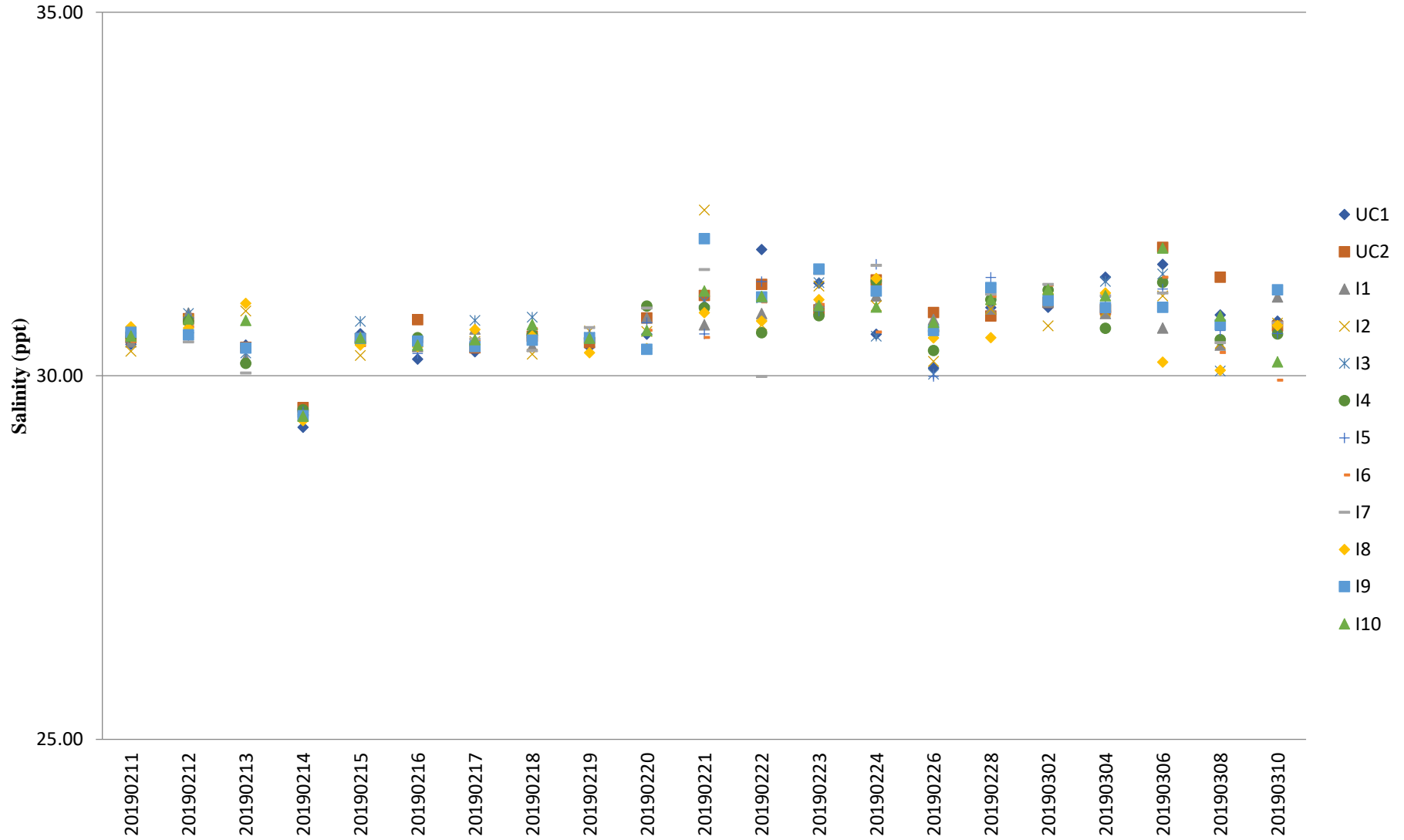


Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

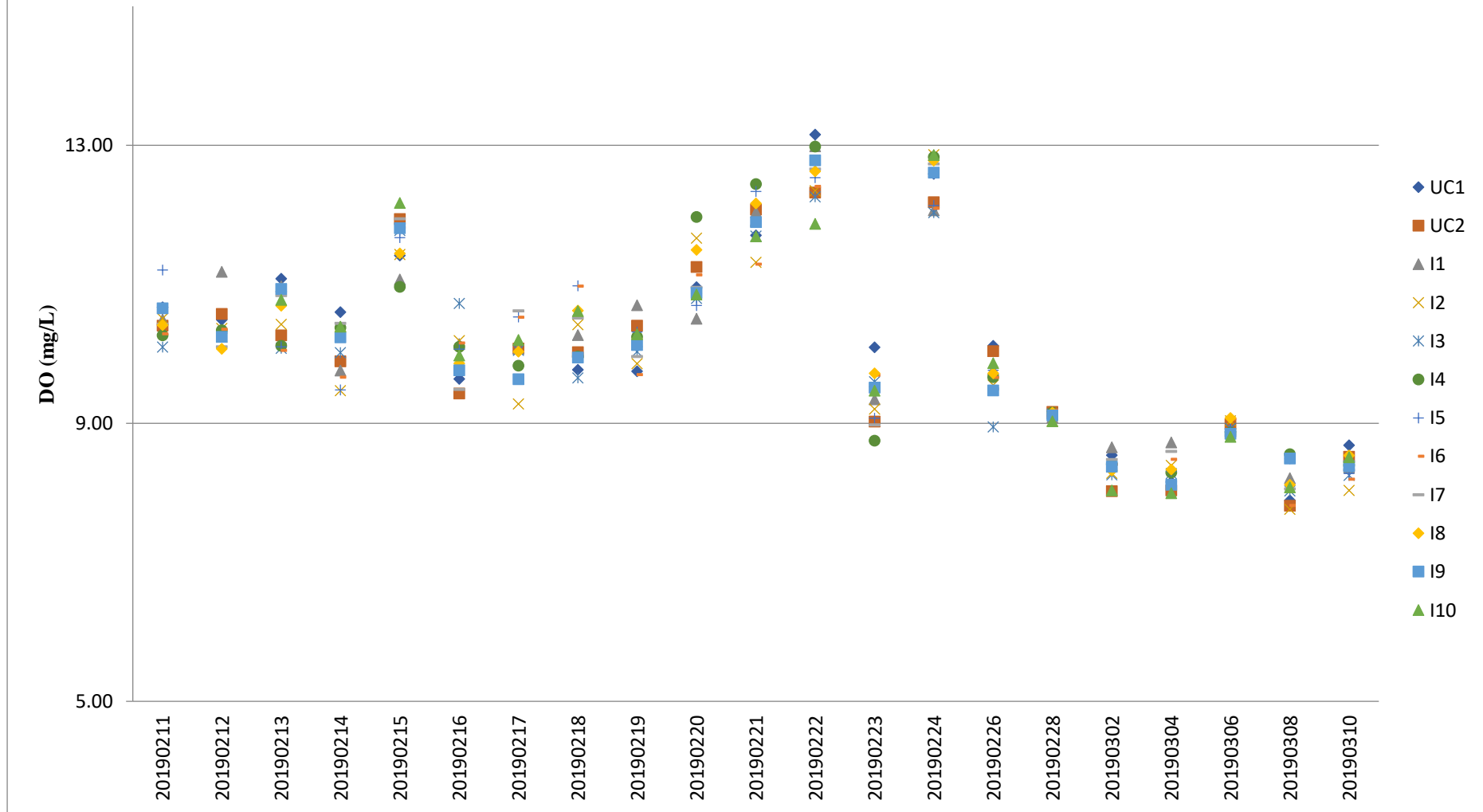
Salinity (Depth-averaged) during MID-FLOOD



Salinity (Depth-averaged) during MID-EBB

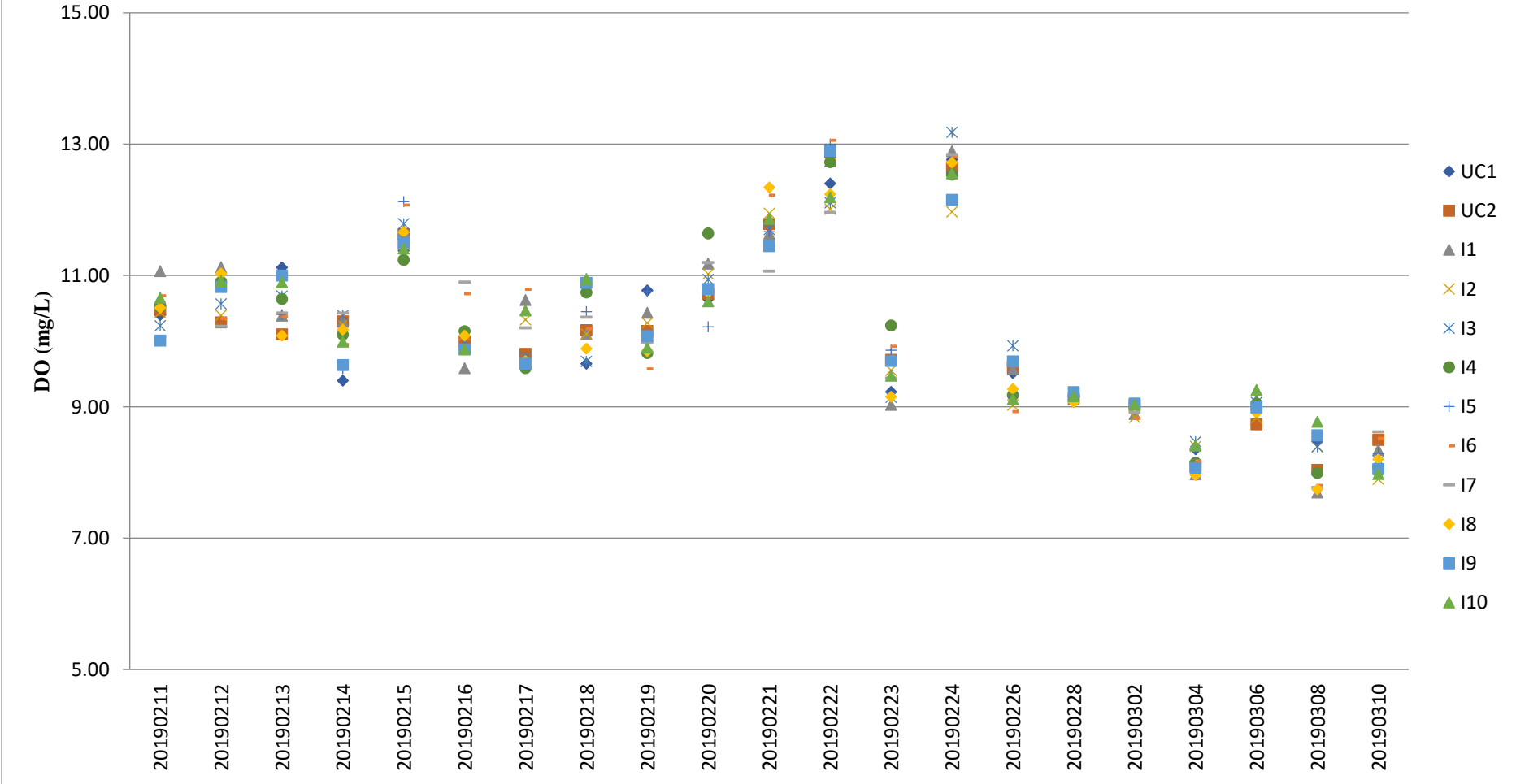


Dissolved Oxygen (Surface & Middle) during MID-FLOOD



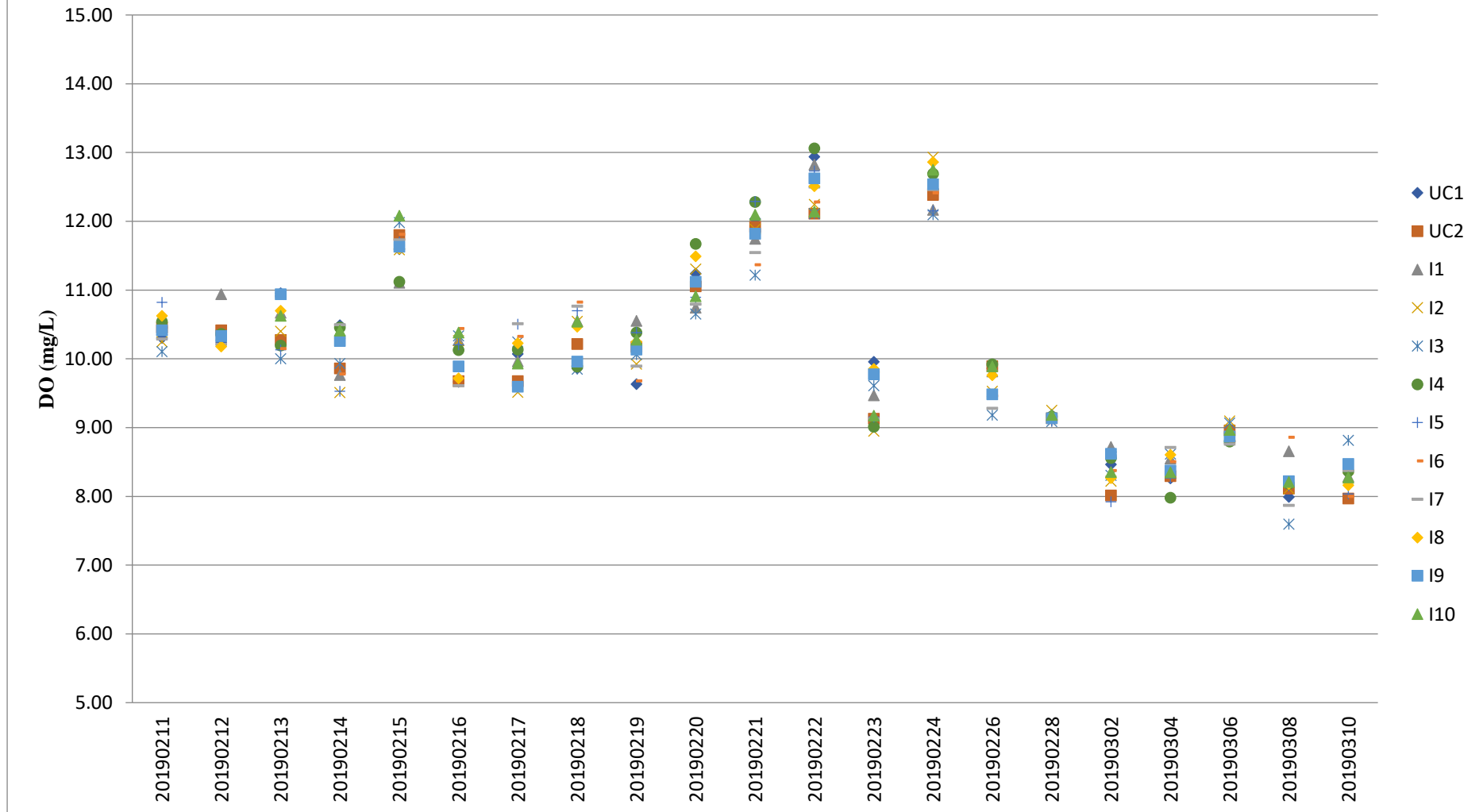
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.10** of the monthly EM & A report.

Dissolved Oxygen (Surface & Middle) during MID-EBB



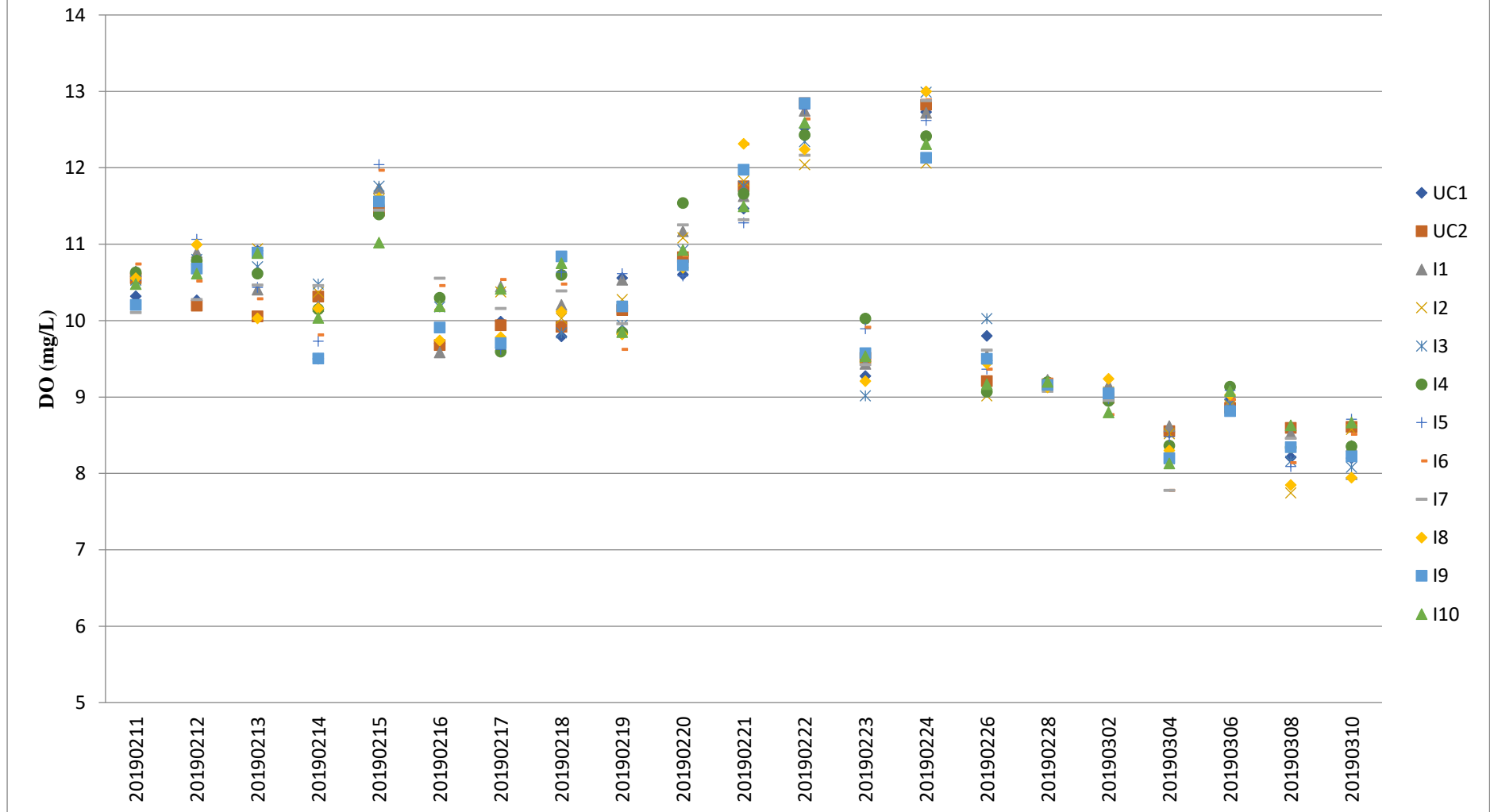
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.10** of the monthly EM & A report.

Dissolved Oxygen (Bottom) during MID-FLOOD



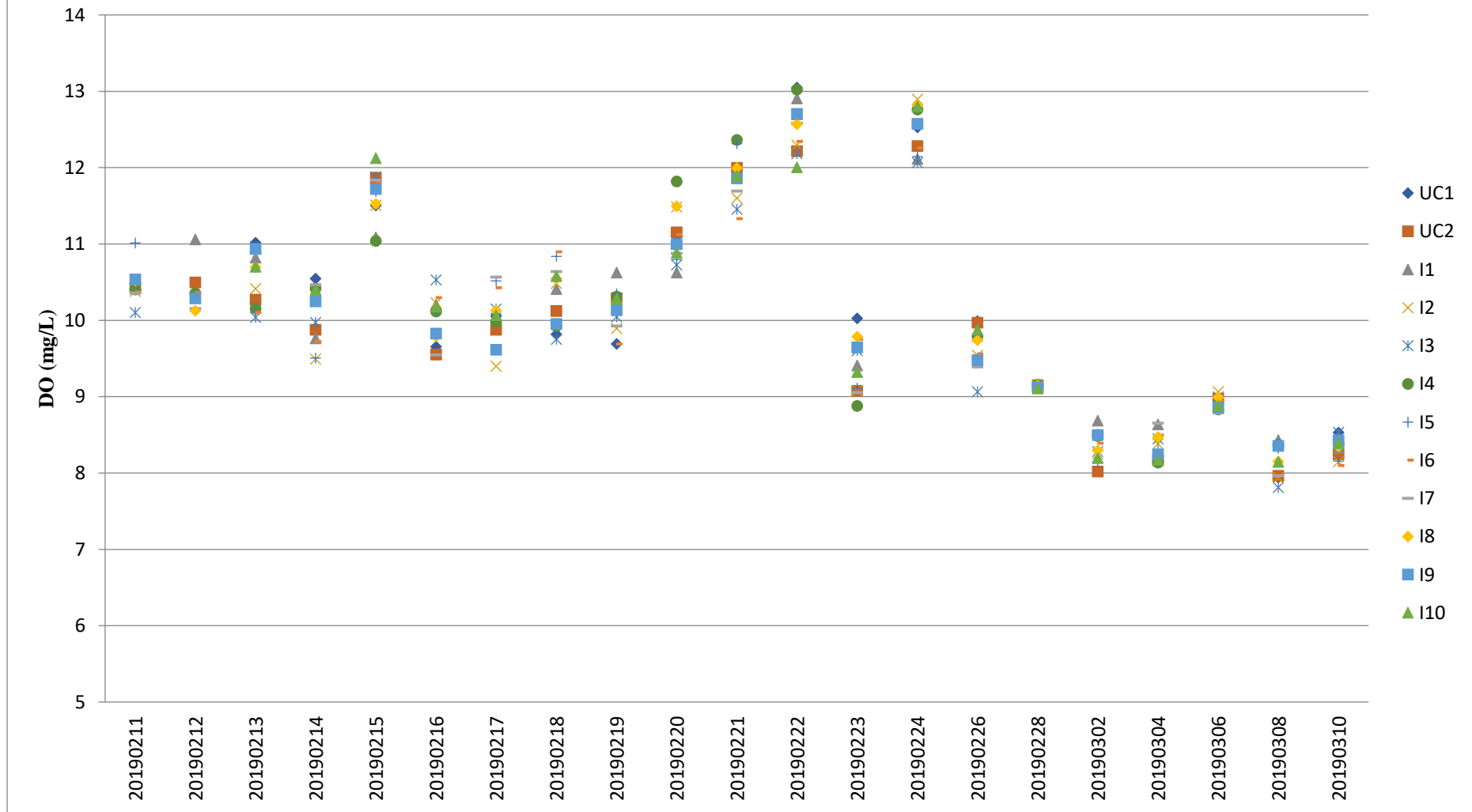
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.10** of the monthly EM & A report.

Dissolved Oxygen (Bottom) during MID-EBB



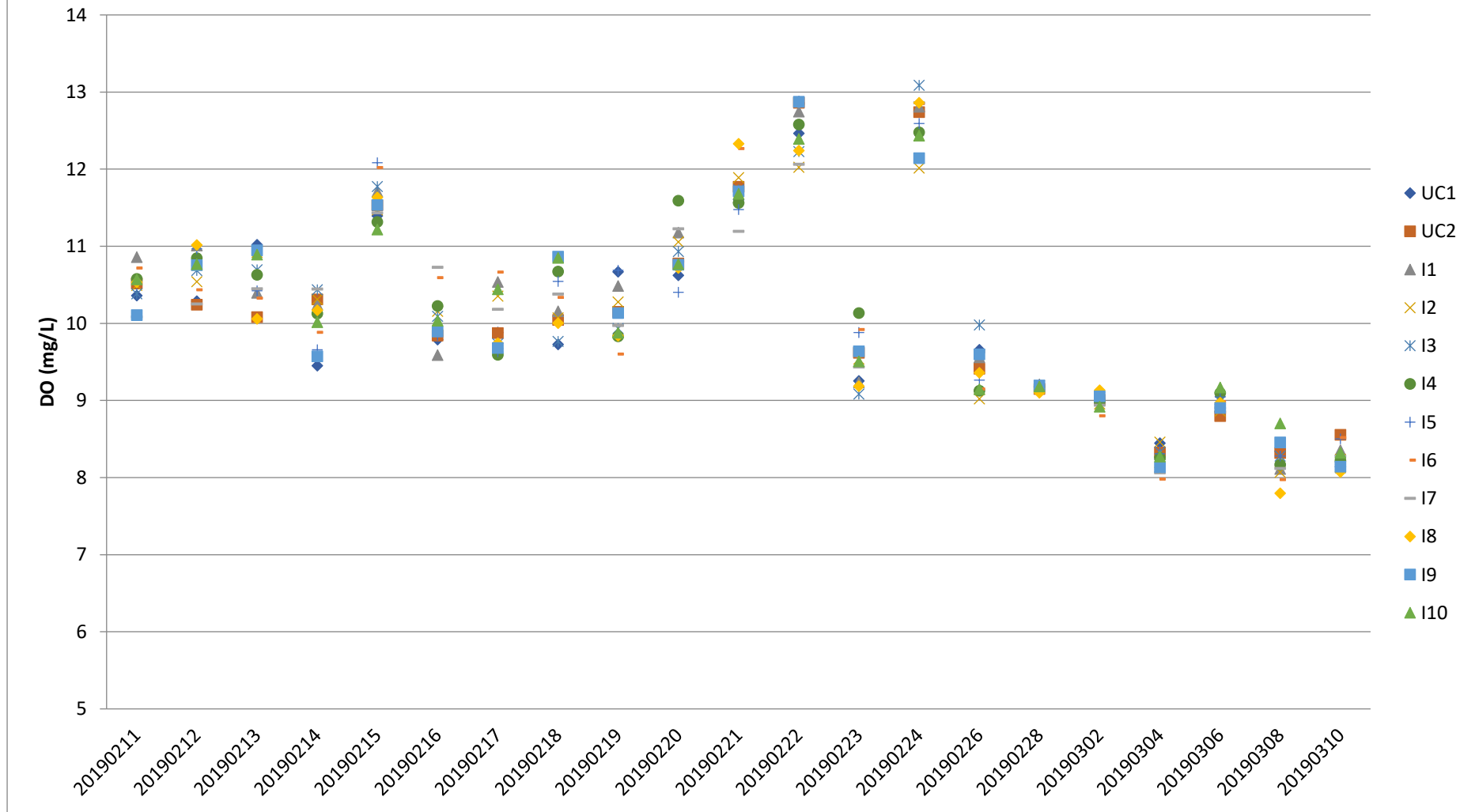
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.10** of the monthly EM & A report.

Dissolved Oxygen (Depth-averaged) during MID-FLOOD



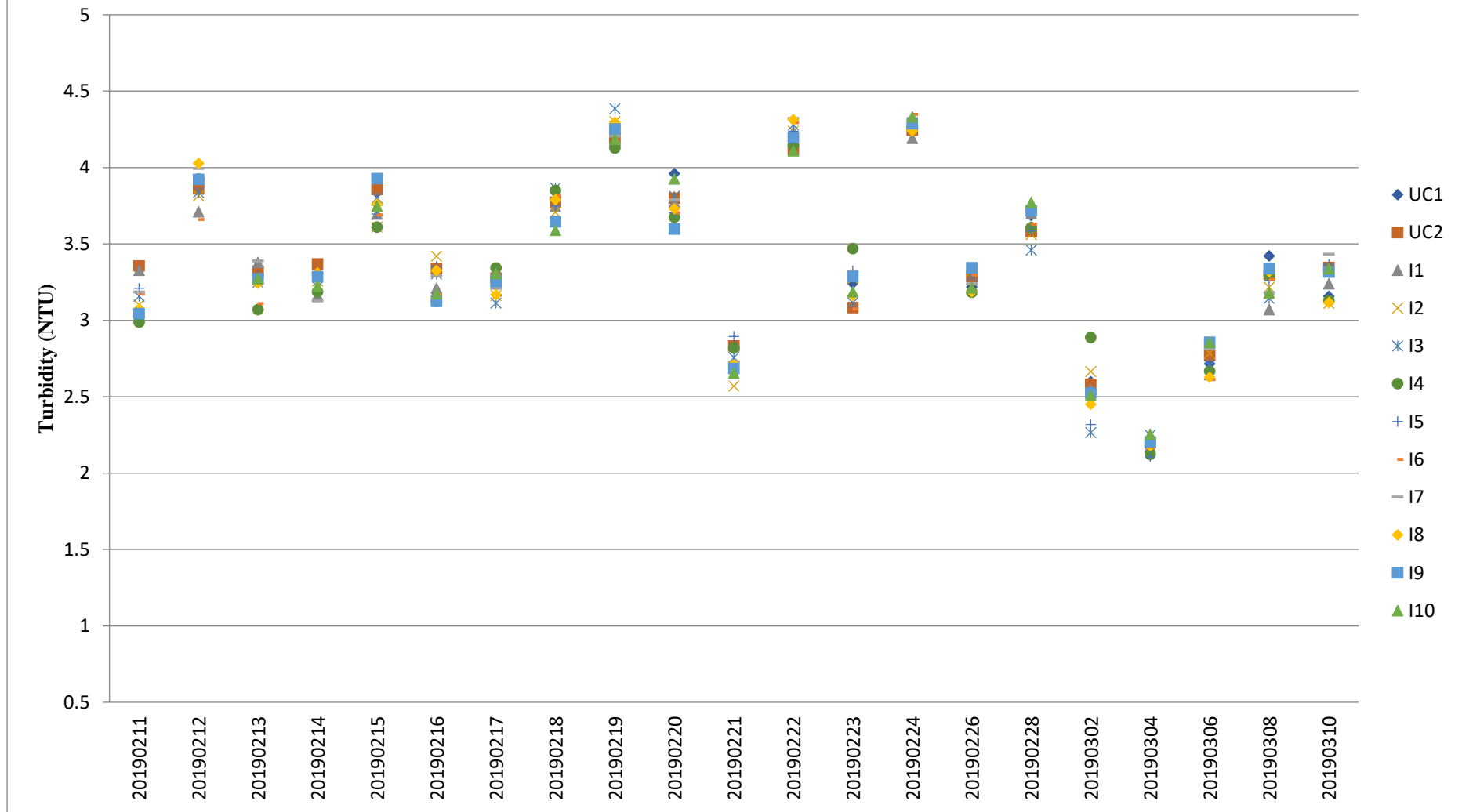
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.10** of the monthly EM & A report.

Dissolved Oxygen (Depth-averaged) during MID-EBB



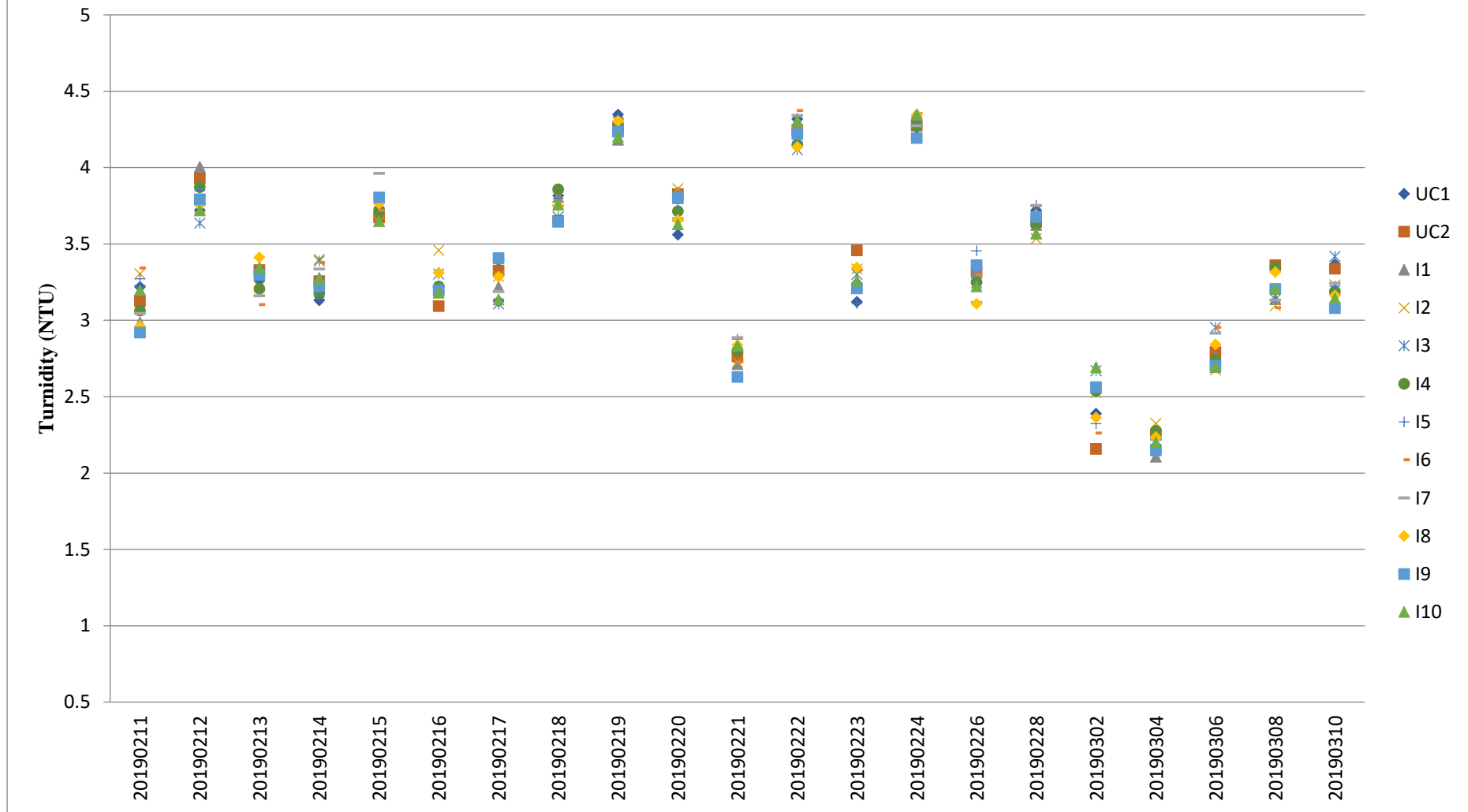
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.10** of the monthly EM & A report.

Turbidity (Depth-averaged) during MID-FLOOD



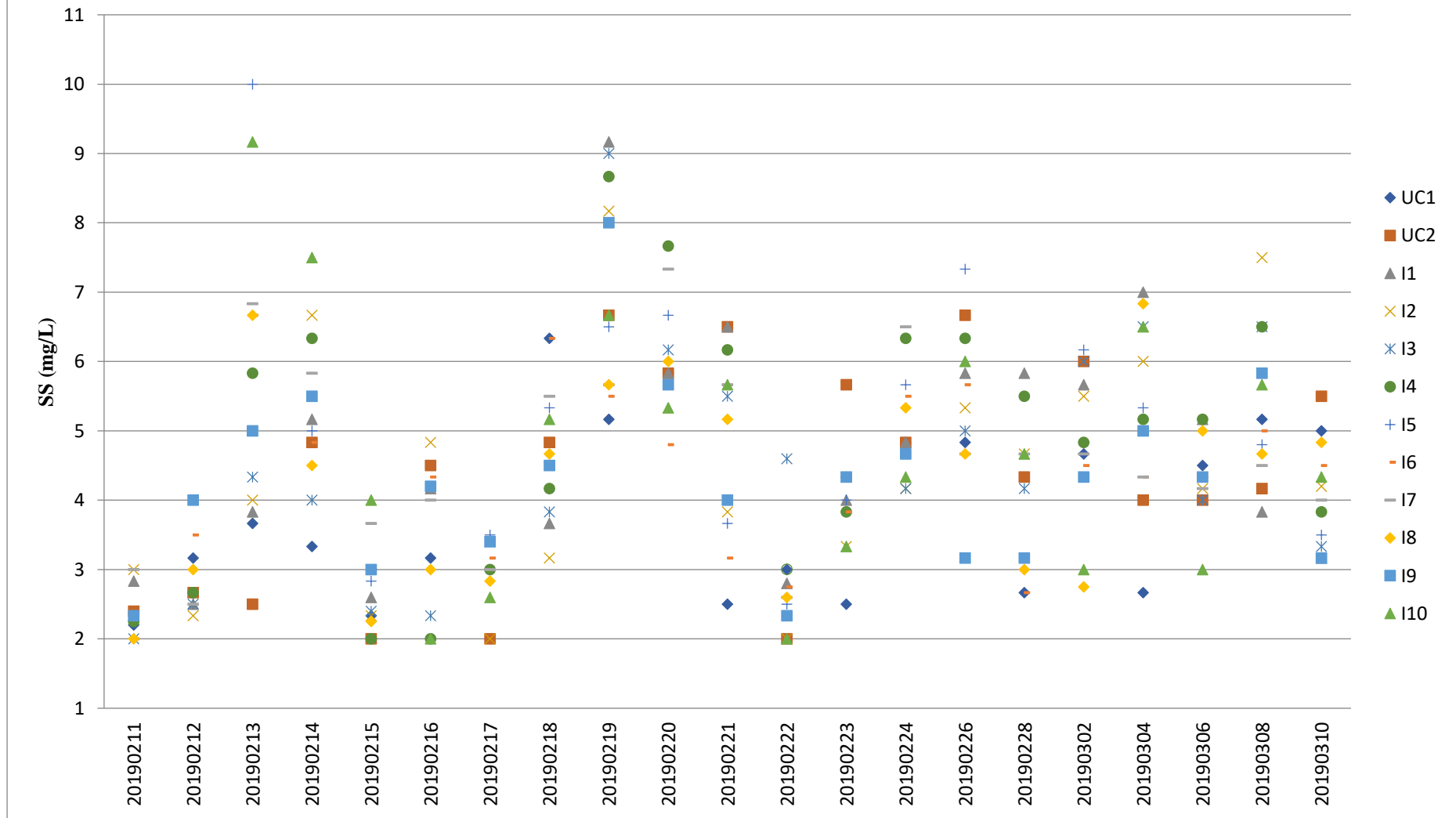
Note: The Action and Limit Level of turbidity can be referred to **Table 2.10** of the monthly EM & A report.

Turbidity (Depth-averaged) during MIB-EBB



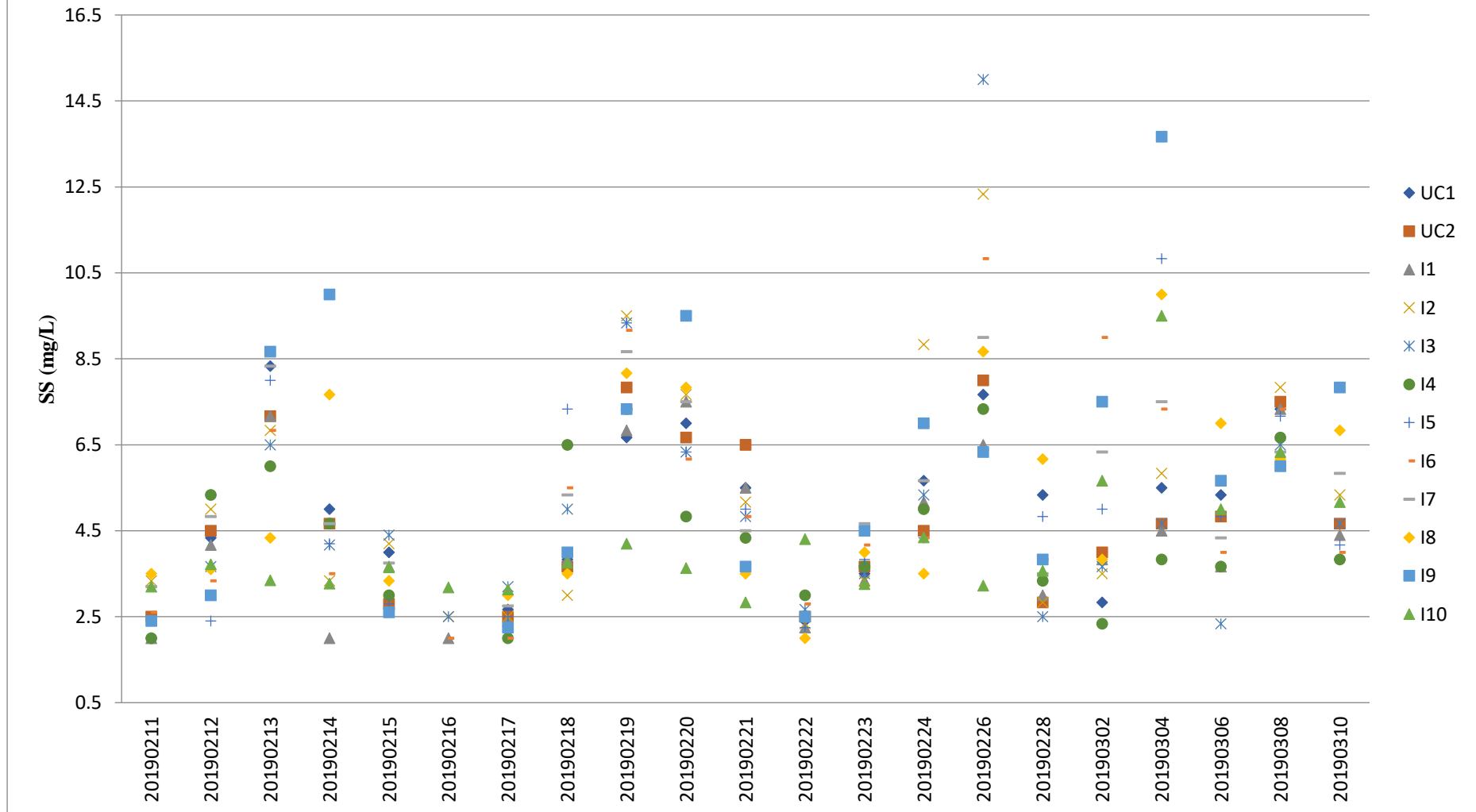
Note: The Action and Limit Level of turbidity can be referred to **Table 2.10** of the monthly EM & A report.

Suspended Solids (Depth-averaged) during MID-FLOOD



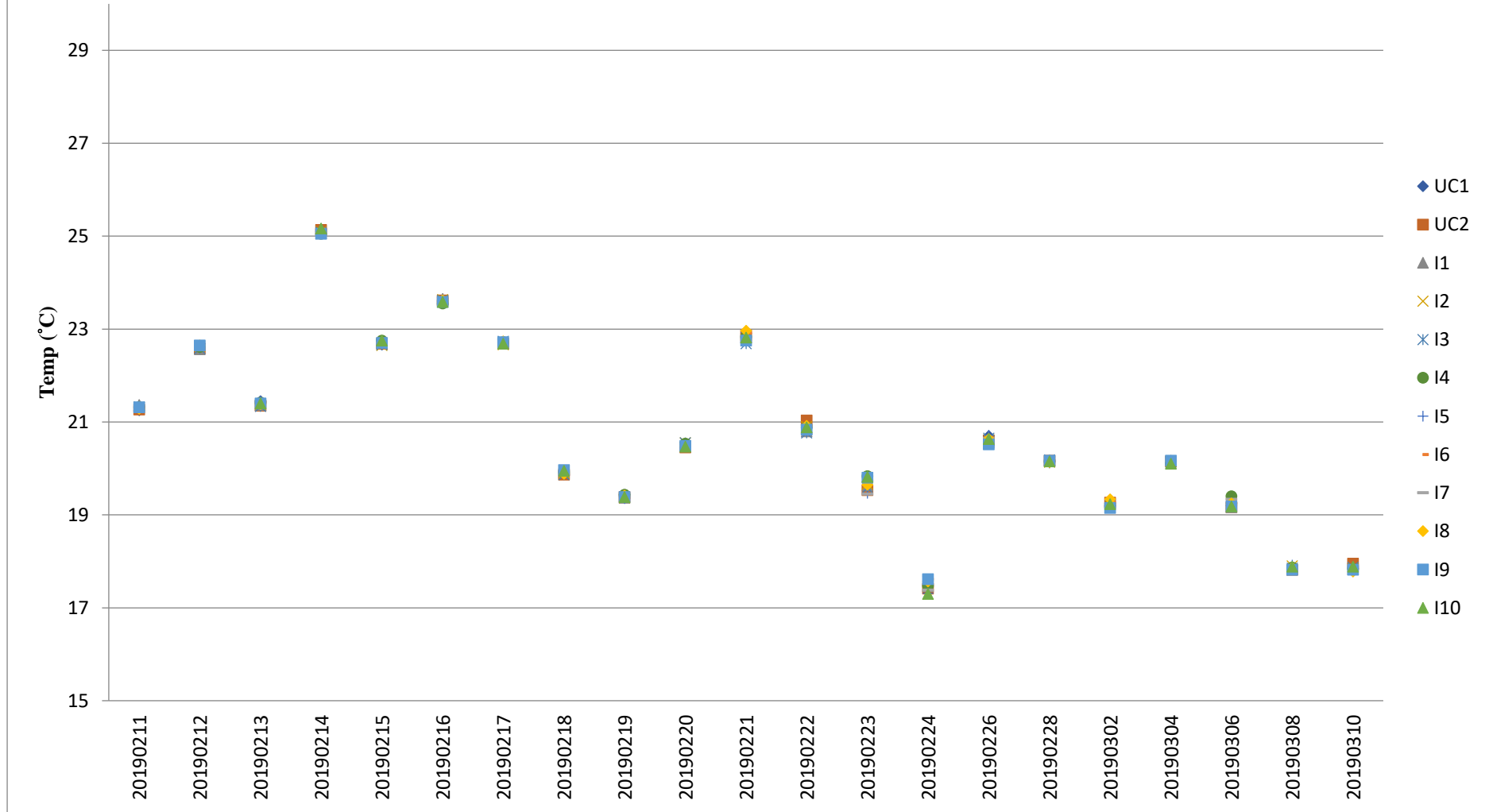
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.10** of the monthly EM & A report.

Suspended Solids (Depth-averaged) during MID-EBB



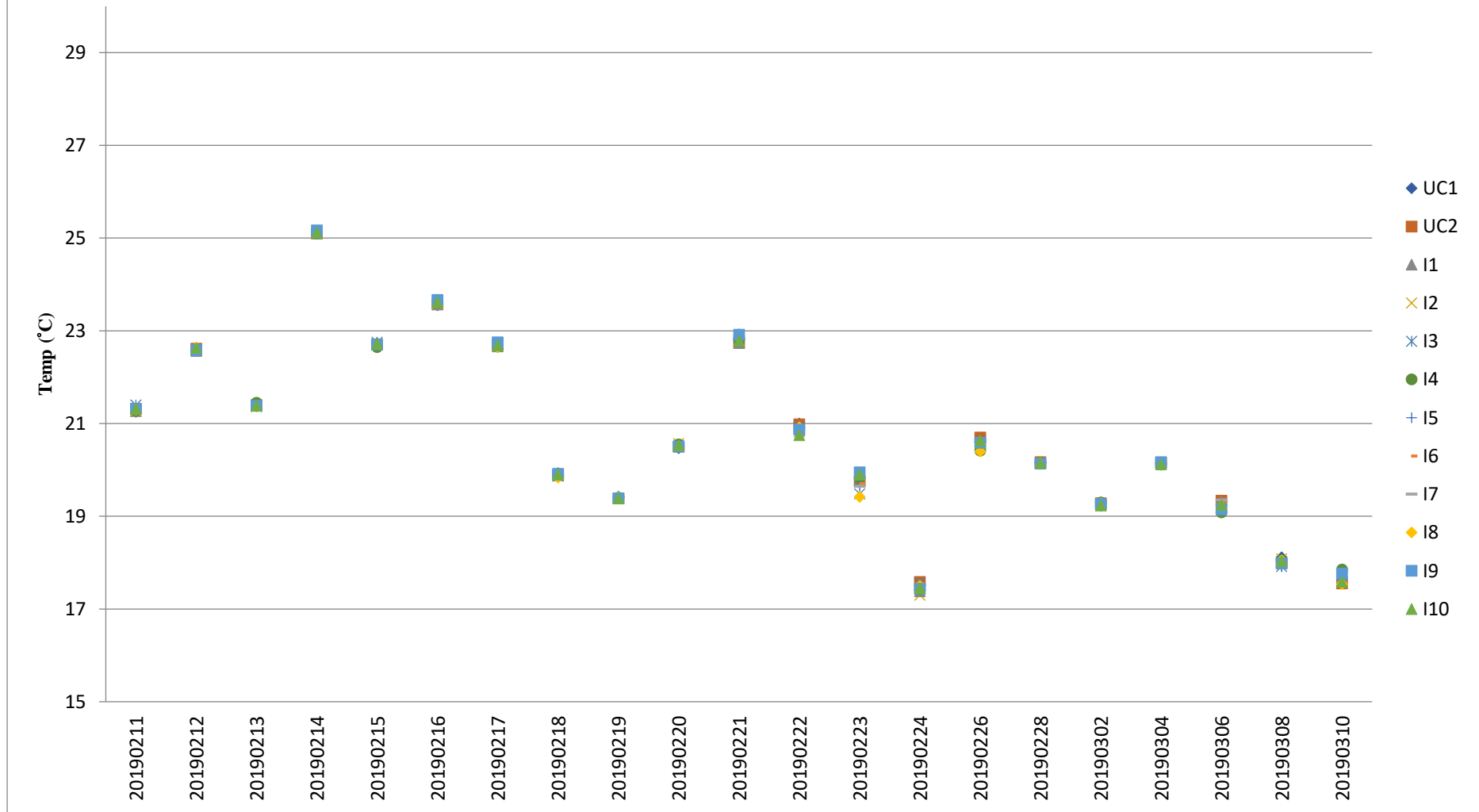
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.10** of the monthly EM & A report.

Temperature (Depth-averaged) during MID-FLOOD



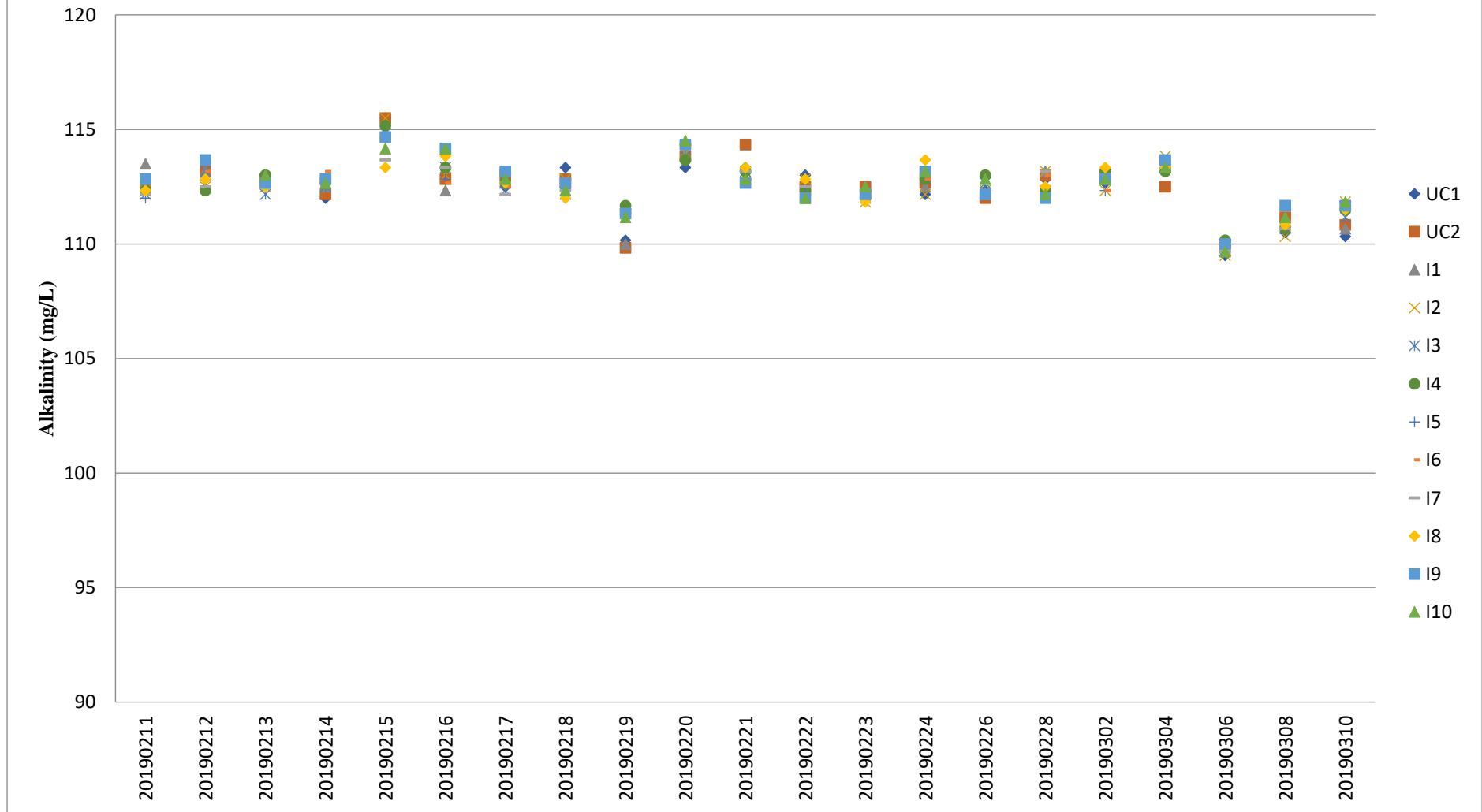
Note: The Action and Limit Level of temperature can be referred to **Table 2.9** of the monthly EM & A report.

Temperature (Depth-Averaged) during MID-EBB



Note: The Action and Limit Level of temperature can be referred to **Table 2.9** of the monthly EM & A report.

Total Alkalinity (Depth-averaged) during MID-FLOOD



Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.9** of the monthly EM & A report.

Total Alkalinity (Depth-averaged) during MID-EBB



Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.9** of the monthly EM & A report.