

Appendix D Water Quality Monitoring Data

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
B1	20190401	Cloudy	Moderate	Mid-Ebb	B	4.6	11:10	13.33	8.9	31.51	20.2	2.95	<2	115	0.129	E
B1	20190401	Cloudy	Moderate	Mid-Ebb	B	4.6	11:10	13.14	8.56	32.34	20.1	2.87	<2	114	0.172	S
B1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	11:11	13.26	8.45	32.06	20.1	2.78	<2	114	0.23	S
B1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	11:11	13.27	8.92	29.25	20.1	2.88	<2	114	0.145	E
B2	20190401	Cloudy	Moderate	Mid-Ebb	B	4.5	11:32	12.65	8.43	31.62	20.1	3.74	<2	115	0.158	E
B2	20190401	Cloudy	Moderate	Mid-Ebb	B	4.5	11:32	13	8.72	29.45	20.1	3.89	<2	114	0.208	S
B2	20190401	Cloudy	Moderate	Mid-Ebb	S	1	11:33	13.13	8.43	28.92	20.2	3.99	<2	114	0.079	S
B2	20190401	Cloudy	Moderate	Mid-Ebb	S	1	11:33	12.76	8.74	30.77	20.2	4.02	<2	115	0.212	S
B3	20190401	Cloudy	Moderate	Mid-Ebb	B	4.6	12:19	12.41	8.72	33.09	20.2	3.44	<2	116	0.173	SE
B3	20190401	Cloudy	Moderate	Mid-Ebb	B	4.6	12:19	12.68	8.62	32.85	20.2	3.3	<2	115	0.213	SE
B3	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:20	12.56	8.57	28.79	20.1	3.43	<2	115	0.192	E
B3	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:20	12.9	8.74	28.39	20.2	3.42	<2	116	0.098	SE
B4	20190401	Cloudy	Moderate	Mid-Ebb	B	4.5	12:51	9.78	8.47	32.91	20.2	3.58	<2	114	0.218	SE
B4	20190401	Cloudy	Moderate	Mid-Ebb	B	4.5	12:51	10.18	8.47	28.59	20.2	3.48	<2	115	0.251	E
B4	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:52	10.38	8.78	28.03	20.1	3.59	<2	115	0.247	SE
B4	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:52	10.35	8.81	31.85	20.2	3.58	<2	115	0.172	S
C1	20190401	Cloudy	Moderate	Mid-Ebb	B	9.8	10:47	12.59	8.54	29.38	20.1	2.63	<2	116	0.25	S
C1	20190401	Cloudy	Moderate	Mid-Ebb	B	9.8	10:47	12.97	8.5	28.64	20.2	2.53	<2	115	0.136	SE
C1	20190401	Cloudy	Moderate	Mid-Ebb	M	5.4	10:48	12.72	8.76	28.7	20.2	2.38	<2	115	0.156	E
C1	20190401	Cloudy	Moderate	Mid-Ebb	M	5.4	10:48	13.01	8.66	28.93	20.1	2.41	<2	115	0.149	SE
C1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	10:49	12.73	8.43	29.33	20.1	2.49	3	115	0.157	E
C1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	10:49	12.42	8.85	29.74	20.2	2.6	2	115	0.142	SE
C2	20190401	Cloudy	Moderate	Mid-Ebb	B	7	12:30	11.21	8.69	30.77	20.1	2.84	<2	116	0.154	SE
C2	20190401	Cloudy	Moderate	Mid-Ebb	B	7	12:30	11.49	9	31.03	20.2	2.92	<2	114	0.174	S
C2	20190401	Cloudy	Moderate	Mid-Ebb	M	4	12:31	11.22	8.65	33.18	20.2	3.07	<2	116	0.076	SE
C2	20190401	Cloudy	Moderate	Mid-Ebb	M	4	12:31	11.38	9	31.65	20.2	3.1	<2	116	0.224	E
C2	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:32	11.25	8.48	32.3	20.1	3.13	<2	116	0.08	E
C2	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:32	11.56	8.4	30.81	20.2	3.04	<2	116	0.221	SE
F1	20190401	Cloudy	Moderate	Mid-Ebb	B	7.1	10:50	9.77	8.64	31.35	20.1	2.19	<2	115	0.093	SE
F1	20190401	Cloudy	Moderate	Mid-Ebb	B	7.1	10:50	9.42	8.57	32.63	20.1	2.11	<2	115	0.2	S
F1	20190401	Cloudy	Moderate	Mid-Ebb	M	4.1	10:51	9.77	8.64	33.22	20.2	1.99	<2	115	0.17	S
F1	20190401	Cloudy	Moderate	Mid-Ebb	M	4.1	10:51	10	8.52	32.15	20.2	2.12	<2	115	0.13	SE

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
F1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	10:52	9.85	8.75	29.48	20.1	2.03	<2	115	0.079	S
F1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	10:52	10.03	8.99	31.88	20.1	2.07	<2	116	0.169	SE
H1	20190401	Cloudy	Moderate	Mid-Ebb	B	6.5	12:01	9.36	8.72	29.34	20.1	2.52	<2	115	0.188	E
H1	20190401	Cloudy	Moderate	Mid-Ebb	B	6.5	12:01	9.21	8.49	30.57	20.2	2.55	<2	115	0.133	S
H1	20190401	Cloudy	Moderate	Mid-Ebb	M	3.8	12:02	9.31	8.5	31.13	20.2	2.59	<2	115	0.209	S
H1	20190401	Cloudy	Moderate	Mid-Ebb	M	3.8	12:02	9.11	8.52	30.89	20.2	2.68	<2	115	0.111	S
H1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:03	8.78	8.66	27.54	20.2	2.71	<2	116	0.198	SE
H1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:03	8.94	8.86	29.35	20.2	2.7	<2	116	0.246	SE
M1	20190401	Cloudy	Moderate	Mid-Ebb	B	8.4	11:18	12.81	8.77	32.49	20.2	2.97	<2	115	0.194	S
M1	20190401	Cloudy	Moderate	Mid-Ebb	B	8.4	11:18	12.72	8.76	28.87	20.2	2.91	<2	115	0.214	S
M1	20190401	Cloudy	Moderate	Mid-Ebb	M	4.7	11:19	12.62	8.8	31.91	20.1	2.84	<2	116	0.094	S
M1	20190401	Cloudy	Moderate	Mid-Ebb	M	4.7	11:19	12.8	8.8	29.53	20.2	2.78	<2	115	0.131	E
M1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	11:20	13.16	8.58	28.05	20.2	2.8	<2	116	0.139	SE
M1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	11:20	13.06	8.85	30.32	20.2	2.82	<2	115	0.25	SE
CR1	20190401	Cloudy	Moderate	Mid-Ebb	B	10.4	12:21	11.5	8.33	32.36	20.2	3.09	3	115	0.084	SE
CR1	20190401	Cloudy	Moderate	Mid-Ebb	B	10.4	12:21	11.67	8.58	33.16	20.2	2.94	2	115	0.226	SE
CR1	20190401	Cloudy	Moderate	Mid-Ebb	M	5.7	12:22	11.32	8.9	33.05	20.2	2.89	4	116	0.221	S
CR1	20190401	Cloudy	Moderate	Mid-Ebb	M	5.7	12:22	11.16	8.33	31.45	20.2	2.96	4	116	0.123	S
CR1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:23	10.88	8.89	30.58	20.2	2.83	<2	116	0.174	E
CR1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:23	10.84	8.64	32.25	20.1	2.72	<2	115	0.081	E
CR2	20190401	Cloudy	Moderate	Mid-Ebb	B	9.9	12:10	9.67	8.33	32.13	20.2	2.52	<2	116	0.141	SE
CR2	20190401	Cloudy	Moderate	Mid-Ebb	B	9.9	12:10	10.01	9.01	31.27	20.2	2.54	<2	116	0.153	SE
CR2	20190401	Cloudy	Moderate	Mid-Ebb	M	5.5	12:11	9.66	8.39	31.13	20.2	2.57	<2	115	0.101	SE
CR2	20190401	Cloudy	Moderate	Mid-Ebb	M	5.5	12:11	9.99	8.61	31.55	20.2	2.45	<2	115	0.171	E
CR2	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:12	10.17	8.81	31.59	20.2	2.36	<2	115	0.154	SE
CR2	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:12	10.37	8.78	32.15	20.1	2.39	<2	116	0.167	S
S1	20190401	Cloudy	Moderate	Mid-Ebb	B	4.4	11:21	11.2	8.55	27.53	20.2	3.23	<2	115	0.158	E
S1	20190401	Cloudy	Moderate	Mid-Ebb	B	4.4	11:21	11.36	9.04	32.48	20.2	3.34	<2	115	0.096	E
S1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	11:22	11.09	8.91	30.62	20.2	3.36	<2	115	0.135	S
S1	20190401	Cloudy	Moderate	Mid-Ebb	S	1	11:22	11.37	8.6	31.29	20.2	3.28	<2	116	0.15	S
S2	20190401	Cloudy	Moderate	Mid-Ebb	B	8.3	11:47	13.17	8.82	28.81	20.2	2.5	<2	115	0.16	SE
S2	20190401	Cloudy	Moderate	Mid-Ebb	B	8.3	11:47	12.8	8.79	28.1	20.1	2.4	<2	116	0.191	S

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S2	20190401	Cloudy	Moderate	Mid-Ebb	M	4.7	11:48	12.97	8.34	28.96	20.2	2.35	<2	115	0.089	E
S2	20190401	Cloudy	Moderate	Mid-Ebb	M	4.7	11:48	12.65	8.53	27.54	20.1	2.46	<2	115	0.113	E
S2	20190401	Cloudy	Moderate	Mid-Ebb	S	1	11:49	12.74	8.47	31.91	20.2	2.41	<2	116	0.086	S
S2	20190401	Cloudy	Moderate	Mid-Ebb	S	1	11:49	12.34	8.74	28.97	20.2	2.3	<2	115	0.182	SE
S3	20190401	Cloudy	Moderate	Mid-Ebb	B	7	12:00	10.54	8.89	30.96	20.1	2.96	<2	116	0.084	SE
S3	20190401	Cloudy	Moderate	Mid-Ebb	B	7	12:00	10.9	8.49	33.27	20.1	2.94	<2	115	0.25	SE
S3	20190401	Cloudy	Moderate	Mid-Ebb	M	4	12:01	11.14	9.02	27.55	20.2	3.07	<2	116	0.123	S
S3	20190401	Cloudy	Moderate	Mid-Ebb	M	4	12:01	11.41	8.99	29.97	20.1	3.05	<2	115	0.169	E
S3	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:02	11.13	8.59	27.79	20.1	2.97	<2	115	0.104	S
S3	20190401	Cloudy	Moderate	Mid-Ebb	S	1	12:02	11.09	8.5	31.97	20.2	2.89	<2	116	0.107	S
B1	20190401	Cloudy	Moderate	Mid-Flood	B	5.6	15:43	11.09	8.68	31.43	20.2	3.3	<2	115	0.257	W
B1	20190401	Cloudy	Moderate	Mid-Flood	B	5.6	15:43	11.03	8.89	31.64	20.1	3.15	<2	115	0.279	W
B1	20190401	Cloudy	Moderate	Mid-Flood	S	1	15:44	11.07	8.55	30.98	20.2	3.29	<2	114	0.136	W
B1	20190401	Cloudy	Moderate	Mid-Flood	S	1	15:44	10.92	8.81	33.21	20.1	3.24	<2	115	0.189	SW
B2	20190401	Cloudy	Moderate	Mid-Flood	B	5	16:04	9.81	8.95	28.37	20.2	2.37	<2	114	0.256	W
B2	20190401	Cloudy	Moderate	Mid-Flood	B	5	16:04	10.07	8.41	33.39	20.1	2.35	<2	114	0.283	NW
B2	20190401	Cloudy	Moderate	Mid-Flood	S	1	16:05	10.05	8.34	32.8	20.2	2.25	<2	114	0.209	W
B2	20190401	Cloudy	Moderate	Mid-Flood	S	1	16:05	10.41	8.82	30.23	20.1	2.16	<2	114	0.127	NW
B3	20190401	Cloudy	Moderate	Mid-Flood	B	4.3	14:35	12.78	8.45	29.36	20.2	2.13	<2	114	0.191	W
B3	20190401	Cloudy	Moderate	Mid-Flood	B	4.3	14:35	12.96	8.99	27.52	20.2	2.28	<2	115	0.213	NW
B3	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:36	13.04	8.99	31.15	20.2	2.39	<2	115	0.136	NW
B3	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:36	12.98	8.78	30.72	20.1	2.25	<2	115	0.212	W
B4	20190401	Cloudy	Moderate	Mid-Flood	B	5.5	14:44	12.92	8.85	28.47	20.1	2.43	<2	116	0.199	SW
B4	20190401	Cloudy	Moderate	Mid-Flood	B	5.5	14:44	12.58	8.68	31.28	20.1	2.39	<2	114	0.152	W
B4	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:45	12.79	8.39	32.7	20.1	2.38	<2	115	0.162	W
B4	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:45	12.44	8.63	33.05	20.2	2.47	<2	114	0.215	W
C1	20190401	Cloudy	Moderate	Mid-Flood	B	10.6	15:20	11.18	8.5	29.7	20.1	3.42	<2	114	0.224	W
C1	20190401	Cloudy	Moderate	Mid-Flood	B	10.6	15:20	11.14	8.81	30.58	20.2	3.5	<2	116	0.223	SW
C1	20190401	Cloudy	Moderate	Mid-Flood	M	5.8	15:21	10.79	8.99	27.64	20.2	3.5	<2	115	0.287	SW
C1	20190401	Cloudy	Moderate	Mid-Flood	M	5.8	15:21	10.61	8.73	28.96	20.1	3.47	<2	115	0.208	W
C1	20190401	Cloudy	Moderate	Mid-Flood	S	1	15:22	10.81	8.98	29.83	20.2	3.55	<2	115	0.224	SW
C1	20190401	Cloudy	Moderate	Mid-Flood	S	1	15:22	10.87	8.52	28.9	20.1	3.66	<2	115	0.269	NW

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C2	20190401	Cloudy	Moderate	Mid-Flood	B	7.2	14:15	10.2	8.87	32.11	20.2	2.72	<2	115	0.275	W
C2	20190401	Cloudy	Moderate	Mid-Flood	B	7.2	14:15	10.17	8.68	31.98	20.2	2.83	<2	114	0.267	W
C2	20190401	Cloudy	Moderate	Mid-Flood	M	4.1	14:16	9.86	8.82	31.58	20.1	2.72	<2	116	0.152	W
C2	20190401	Cloudy	Moderate	Mid-Flood	M	4.1	14:16	9.88	8.45	32.3	20.1	2.58	<2	115	0.164	SW
C2	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:17	10.03	8.36	30.62	20.1	2.61	<2	115	0.242	W
C2	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:17	10.1	8.72	28.94	20.1	2.66	<2	115	0.244	W
F1	20190401	Cloudy	Moderate	Mid-Flood	B	6.9	15:18	12.45	8.49	27.97	20.2	3.79	<2	115	0.215	W
F1	20190401	Cloudy	Moderate	Mid-Flood	B	6.9	15:18	12.6	8.64	29.37	20.2	3.81	<2	115	0.245	W
F1	20190401	Cloudy	Moderate	Mid-Flood	M	4	15:19	12.87	8.94	30	20.2	3.68	<2	116	0.186	W
F1	20190401	Cloudy	Moderate	Mid-Flood	M	4	15:19	12.78	8.48	30.92	20.1	3.73	<2	115	0.123	W
F1	20190401	Cloudy	Moderate	Mid-Flood	S	1	15:20	13.1	8.94	29.11	20.2	3.8	<2	116	0.15	W
F1	20190401	Cloudy	Moderate	Mid-Flood	S	1	15:20	12.79	8.98	31.62	20.1	3.71	<2	115	0.286	W
H1	20190401	Cloudy	Moderate	Mid-Flood	B	7.6	14:18	12.9	8.82	28.85	20.1	3.31	<2	115	0.242	W
H1	20190401	Cloudy	Moderate	Mid-Flood	B	7.6	14:18	12.66	8.5	33.11	20.2	3.4	<2	115	0.215	SW
H1	20190401	Cloudy	Moderate	Mid-Flood	M	4.3	14:19	12.52	8.84	32.77	20.1	3.49	<2	114	0.237	W
H1	20190401	Cloudy	Moderate	Mid-Flood	M	4.3	14:19	12.89	9.01	28.86	20.1	3.34	<2	114	0.222	W
H1	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:20	13.18	8.37	32.22	20.2	3.21	<2	115	0.22	W
H1	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:20	13	8.59	28.73	20.1	3.19	<2	114	0.236	SW
M1	20190401	Cloudy	Moderate	Mid-Flood	B	8.3	15:56	11.06	8.83	28.04	20.2	3.68	<2	115	0.15	W
M1	20190401	Cloudy	Moderate	Mid-Flood	B	8.3	15:56	11.01	8.5	29.05	20.1	3.64	<2	115	0.177	W
M1	20190401	Cloudy	Moderate	Mid-Flood	M	4.7	15:57	10.89	8.71	33.11	20.2	3.59	<2	115	0.198	W
M1	20190401	Cloudy	Moderate	Mid-Flood	M	4.7	15:57	11.27	8.47	27.53	20.2	3.47	<2	115	0.228	W
M1	20190401	Cloudy	Moderate	Mid-Flood	S	1	15:58	11.37	9.02	32.71	20.1	3.53	<2	115	0.179	SW
M1	20190401	Cloudy	Moderate	Mid-Flood	S	1	15:58	11.61	8.86	30.39	20.1	3.5	<2	115	0.227	SW
CR1	20190401	Cloudy	Moderate	Mid-Flood	B	11.2	14:31	11.5	8.5	30.54	20.1	2.3	<2	114	0.252	W
CR1	20190401	Cloudy	Moderate	Mid-Flood	B	11.2	14:31	11.18	8.92	32.25	20.2	2.41	<2	114	0.25	W
CR1	20190401	Cloudy	Moderate	Mid-Flood	M	6.1	14:32	10.9	8.41	29.93	20.2	2.4	<2	115	0.212	W
CR1	20190401	Cloudy	Moderate	Mid-Flood	M	6.1	14:32	11.25	8.57	30.52	20.1	2.4	<2	115	0.138	NW
CR1	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:33	11.61	8.96	32.87	20.1	2.25	<2	115	0.23	SW
CR1	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:33	11.26	8.61	33.03	20.2	2.33	<2	114	0.156	SW
CR2	20190401	Cloudy	Moderate	Mid-Flood	B	10.2	14:42	13.39	8.82	29.49	20.2	2.01	<2	115	0.149	W
CR2	20190401	Cloudy	Moderate	Mid-Flood	B	10.2	14:42	13.77	9.04	32.7	20.1	1.95	<2	114	0.27	NW

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CR2	20190401	Cloudy	Moderate	Mid-Flood	M	5.6	14:43	13.47	8.66	29.81	20.2	1.81	2	115	0.273	W
CR2	20190401	Cloudy	Moderate	Mid-Flood	M	5.6	14:43	13.1	8.72	30.18	20.1	1.87	2	114	0.198	W
CR2	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:44	12.9	8.57	29.59	20.2	1.82	2	115	0.216	W
CR2	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:44	12.97	8.38	29.7	20.1	1.74	2	114	0.167	W
S1	20190401	Cloudy	Moderate	Mid-Flood	B	4.7	15:53	13.25	8.31	28.54	20.1	2.08	2	115	0.286	W
S1	20190401	Cloudy	Moderate	Mid-Flood	B	4.7	15:53	13.51	8.4	28.85	20.2	2.17	2	116	0.198	NW
S1	20190401	Cloudy	Moderate	Mid-Flood	S	1	15:54	13.29	8.55	32.75	20.1	2.03	3	116	0.127	NW
S1	20190401	Cloudy	Moderate	Mid-Flood	S	1	15:54	13.57	8.6	32.46	20.1	2.15	2	115	0.25	W
S2	20190401	Cloudy	Moderate	Mid-Flood	B	8	16:19	9.92	8.59	28.68	20.2	3.69	<2	115	0.277	NW
S2	20190401	Cloudy	Moderate	Mid-Flood	B	8	16:19	10.32	9.03	29.04	20.2	3.76	<2	115	0.142	W
S2	20190401	Cloudy	Moderate	Mid-Flood	M	4.5	16:20	10.53	8.31	33.29	20.2	3.69	3	115	0.188	W
S2	20190401	Cloudy	Moderate	Mid-Flood	M	4.5	16:20	10.56	8.3	31.42	20.2	3.58	2	115	0.25	W
S2	20190401	Cloudy	Moderate	Mid-Flood	S	1	16:21	10.62	8.47	29.33	20.1	3.65	3	115	0.263	W
S2	20190401	Cloudy	Moderate	Mid-Flood	S	1	16:21	10.4	8.46	31.58	20.1	3.77	3	115	0.137	NW
S3	20190401	Cloudy	Moderate	Mid-Flood	B	7.4	14:53	9.62	8.93	29.5	20.2	2.24	<2	115	0.141	NW
S3	20190401	Cloudy	Moderate	Mid-Flood	B	7.4	14:53	9.54	8.8	27.35	20.2	2.39	<2	115	0.134	SW
S3	20190401	Cloudy	Moderate	Mid-Flood	M	4.2	14:54	9.74	9.03	30.93	20.2	2.33	<2	115	0.187	NW
S3	20190401	Cloudy	Moderate	Mid-Flood	M	4.2	14:54	9.53	8.51	29.02	20.2	2.32	<2	115	0.179	W
S3	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:55	9.45	8.86	30.36	20.1	2.2	<2	115	0.152	W
S3	20190401	Cloudy	Moderate	Mid-Flood	S	1	14:55	9.19	8.98	29.65	20.2	2.2	<2	115	0.191	W
B1	20190403	Cloudy	Moderate	Mid-Ebb	B	5.2	10:57	10.21	8.6	27.75	23.9	3.17	10	114	0.155	SE
B1	20190403	Cloudy	Moderate	Mid-Ebb	B	5.2	10:57	10.25	8.4	32.4	24	3.2	12	114	0.136	S
B1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	10:58	9.87	9.13	31.44	24.1	3.16	11	114	0.232	E
B1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	10:58	9.66	9.08	29.67	24	3.05	10	113	0.182	SE
B2	20190403	Cloudy	Moderate	Mid-Ebb	B	4.2	11:22	10.11	8.96	30.14	24.1	3.26	8	113	0.18	S
B2	20190403	Cloudy	Moderate	Mid-Ebb	B	4.2	11:22	9.94	8.85	30.45	24	3.32	9	112	0.209	E
B2	20190403	Cloudy	Moderate	Mid-Ebb	S	1	11:23	10.33	9.09	27.53	24	3.42	12	114	0.134	SE
B2	20190403	Cloudy	Moderate	Mid-Ebb	S	1	11:23	10.72	8.48	31.7	23.9	3.46	10	114	0.145	E
B3	20190403	Cloudy	Moderate	Mid-Ebb	B	3.8	12:15	9.68	9.07	30.31	24	3.81	5	115	0.19	SE
B3	20190403	Cloudy	Moderate	Mid-Ebb	B	3.8	12:15	9.37	8.65	30.92	23.9	3.73	4	116	0.183	SE
B3	20190403	Cloudy	Moderate	Mid-Ebb	S	1	12:16	9.42	8.95	31.13	24.1	3.66	3	114	0.215	SE
B3	20190403	Cloudy	Moderate	Mid-Ebb	S	1	12:16	9.53	8.81	29.89	24	3.79	4	115	0.24	E

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
B4	20190403	Cloudy	Moderate	Mid-Ebb	B	4.8	12:26	9.72	9	31.47	24	2.69	3	114	0.152	SE
B4	20190403	Cloudy	Moderate	Mid-Ebb	B	4.8	12:26	9.62	9.09	30.33	24.1	2.72	3	114	0.202	E
B4	20190403	Cloudy	Moderate	Mid-Ebb	S	1	12:27	9.67	9.12	32.32	24.1	2.83	3	115	0.17	E
B4	20190403	Cloudy	Moderate	Mid-Ebb	S	1	12:27	9.7	8.74	30.79	24.2	2.69	4	114	0.199	SE
C1	20190403	Cloudy	Moderate	Mid-Ebb	B	9.3	10:34	11.22	8.84	32.27	24.2	2.81	9	115	0.114	E
C1	20190403	Cloudy	Moderate	Mid-Ebb	B	9.3	10:34	11.41	8.57	29.6	24	2.77	8	114	0.155	SE
C1	20190403	Cloudy	Moderate	Mid-Ebb	M	5.2	10:35	11.13	8.91	29.95	24.2	2.91	8	115	0.114	SE
C1	20190403	Cloudy	Moderate	Mid-Ebb	M	5.2	10:35	11.43	8.93	31.69	24	2.76	6	114	0.197	SE
C1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	10:36	11.83	8.77	32.3	24.2	2.91	7	114	0.18	SE
C1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	10:36	11.69	8.84	29.52	23.9	2.78	6	114	0.179	SE
C2	20190403	Cloudy	Moderate	Mid-Ebb	B	7.1	11:41	11.06	8.43	31.14	23.9	3.46	6	115	0.192	S
C2	20190403	Cloudy	Moderate	Mid-Ebb	B	7.1	11:41	11.01	8.71	28.43	24.1	3.31	7	114	0.172	SE
C2	20190403	Cloudy	Moderate	Mid-Ebb	M	4.1	11:42	11.08	8.92	28.6	24.1	3.4	7	113	0.237	E
C2	20190403	Cloudy	Moderate	Mid-Ebb	M	4.1	11:42	11.09	8.78	30.52	24.1	3.45	7	114	0.219	S
C2	20190403	Cloudy	Moderate	Mid-Ebb	S	1	11:43	10.8	8.54	32.07	24	3.39	6	115	0.143	E
C2	20190403	Cloudy	Moderate	Mid-Ebb	S	1	11:43	10.82	8.96	32.18	24	3.5	8	114	0.165	SE
F1	20190403	Cloudy	Moderate	Mid-Ebb	B	6.4	10:48	9.5	8.94	30.59	24	3.01	6	113	0.201	SE
F1	20190403	Cloudy	Moderate	Mid-Ebb	B	6.4	10:48	9.67	8.61	27.67	24	2.99	6	114	0.156	SE
F1	20190403	Cloudy	Moderate	Mid-Ebb	M	3.7	10:49	10.07	8.53	31.74	23.9	3.1	8	114	0.106	S
F1	20190403	Cloudy	Moderate	Mid-Ebb	M	3.7	10:49	10.42	8.72	28.55	24.1	3.2	8	114	0.17	SE
F1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	10:50	10.12	8.89	31.58	23.9	3.2	8	114	0.198	SE
F1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	10:50	9.73	8.45	29.03	24	3.33	8	114	0.125	E
H1	20190403	Cloudy	Moderate	Mid-Ebb	B	7.1	12:00	11.51	8.93	28.53	24.2	2.77	6	115	0.168	E
H1	20190403	Cloudy	Moderate	Mid-Ebb	B	7.1	12:00	11.24	8.76	29.58	24.1	2.85	4	115	0.188	E
H1	20190403	Cloudy	Moderate	Mid-Ebb	M	4.1	12:01	10.98	8.64	27.41	24.2	2.84	4	116	0.175	E
H1	20190403	Cloudy	Moderate	Mid-Ebb	M	4.1	12:01	11.29	8.7	30.35	23.9	2.93	6	116	0.224	SE
H1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	12:02	11.49	8.66	32.25	24.1	2.85	4	115	0.246	E
H1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	12:02	11.17	8.45	30.84	24.1	3	3	115	0.133	E
M1	20190403	Cloudy	Moderate	Mid-Ebb	B	8.9	11:15	11.07	9.11	27.86	23.9	3.71	7	115	0.121	SE
M1	20190403	Cloudy	Moderate	Mid-Ebb	B	8.9	11:15	11.08	9.04	30.35	24	3.74	6	114	0.223	SE
M1	20190403	Cloudy	Moderate	Mid-Ebb	M	5	11:16	10.72	9.08	29.88	24	3.6	5	114	0.196	E
M1	20190403	Cloudy	Moderate	Mid-Ebb	M	5	11:16	10.8	9.12	28.43	23.9	3.64	5	114	0.126	SE

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
M1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	11:17	11.13	8.69	30.63	24.2	3.6	4	113	0.234	S
M1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	11:17	11	8.76	27.92	24	3.68	5	115	0.225	S
CR1	20190403	Cloudy	Moderate	Mid-Ebb	B	10.3	12:13	12.57	8.61	27.37	23.9	3.07	8	115	0.21	E
CR1	20190403	Cloudy	Moderate	Mid-Ebb	B	10.3	12:13	12.32	8.41	30.88	24.1	2.97	10	115	0.164	E
CR1	20190403	Cloudy	Moderate	Mid-Ebb	M	5.7	12:14	12.14	9.14	30.44	24.2	3.02	8	114	0.109	E
CR1	20190403	Cloudy	Moderate	Mid-Ebb	M	5.7	12:14	12.5	8.89	28.55	23.9	3.02	9	114	0.224	SE
CR1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	12:15	12.44	8.83	29.59	23.9	2.93	8	114	0.194	SE
CR1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	12:15	12.41	8.58	29.3	23.9	3.07	7	114	0.118	E
CR2	20190403	Cloudy	Moderate	Mid-Ebb	B	10	12:00	11.66	8.64	28.67	24	2.95	9	115	0.116	SE
CR2	20190403	Cloudy	Moderate	Mid-Ebb	B	10	12:00	11.97	8.76	30.32	24.1	3.08	11	115	0.248	SE
CR2	20190403	Cloudy	Moderate	Mid-Ebb	M	5.5	12:01	12.08	8.95	28.34	24	3.23	12	114	0.205	SE
CR2	20190403	Cloudy	Moderate	Mid-Ebb	M	5.5	12:01	12.26	8.83	31.35	24	3.37	10	114	0.248	E
CR2	20190403	Cloudy	Moderate	Mid-Ebb	S	1	12:02	12.31	8.64	30.23	23.9	3.37	7	114	0.179	SE
CR2	20190403	Cloudy	Moderate	Mid-Ebb	S	1	12:02	12.45	8.9	29	24	3.29	9	114	0.106	SE
S1	20190403	Cloudy	Moderate	Mid-Ebb	B	3.8	11:10	11.94	9.01	32.23	24.1	2.78	6	115	0.194	E
S1	20190403	Cloudy	Moderate	Mid-Ebb	B	3.8	11:10	12.14	8.97	27.38	24	2.67	7	115	0.128	SE
S1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	11:11	12.34	8.89	32.08	24	2.58	7	115	0.19	SE
S1	20190403	Cloudy	Moderate	Mid-Ebb	S	1	11:11	12.37	8.84	29.32	24	2.53	5	114	0.236	E
S2	20190403	Cloudy	Moderate	Mid-Ebb	B	8	11:38	10.29	8.97	28.31	23.9	3.76	8	113	0.214	SE
S2	20190403	Cloudy	Moderate	Mid-Ebb	B	8	11:38	10.21	8.5	28.39	23.9	3.69	9	113	0.108	S
S2	20190403	Cloudy	Moderate	Mid-Ebb	M	4.5	11:39	10.19	9.03	31.77	24.1	3.74	9	114	0.183	SE
S2	20190403	Cloudy	Moderate	Mid-Ebb	M	4.5	11:39	10.19	8.72	29.15	24.2	3.69	9	114	0.177	SE
S2	20190403	Cloudy	Moderate	Mid-Ebb	S	1	11:40	10.38	8.52	30.83	24	3.57	9	115	0.231	E
S2	20190403	Cloudy	Moderate	Mid-Ebb	S	1	11:40	10.27	8.78	29.85	24.1	3.47	8	115	0.126	SE
S3	20190403	Cloudy	Moderate	Mid-Ebb	B	7.1	11:52	12.51	8.62	32.39	24	3.28	8	114	0.106	SE
S3	20190403	Cloudy	Moderate	Mid-Ebb	B	7.1	11:52	12.51	8.69	32.35	24.1	3.37	8	114	0.207	SE
S3	20190403	Cloudy	Moderate	Mid-Ebb	M	4.1	11:53	12.6	8.55	28.07	24.2	3.28	9	114	0.222	E
S3	20190403	Cloudy	Moderate	Mid-Ebb	M	4.1	11:53	12.41	8.76	29.5	24.1	3.17	8	114	0.211	SE
S3	20190403	Cloudy	Moderate	Mid-Ebb	S	1	11:54	12.21	8.52	30.01	24.1	3.31	10	114	0.175	SE
S3	20190403	Cloudy	Moderate	Mid-Ebb	S	1	11:54	12.17	8.84	28.23	24.1	3.18	9	114	0.247	SE
B1	20190403	Cloudy	Moderate	Mid-Flood	B	5.5	15:43	12.4	8.4	32.08	24.5	3.27	4	113	0.142	W
B1	20190403	Cloudy	Moderate	Mid-Flood	B	5.5	15:43	12.38	8.76	28.62	24.5	3.41	3	113	0.184	W

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

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
B1	20190403	Cloudy	Moderate	Mid-Flood	S	1	15:44	12.71	8.99	31.44	24.6	3.36	5	114	0.15	W
B1	20190403	Cloudy	Moderate	Mid-Flood	S	1	15:44	13.02	8.76	30.31	24.5	3.28	4	113	0.16	W
B2	20190403	Cloudy	Moderate	Mid-Flood	B	4.4	16:02	11.91	8.65	31.32	24.7	2.51	4	114	0.132	SW
B2	20190403	Cloudy	Moderate	Mid-Flood	B	4.4	16:02	11.65	9.03	30.54	24.6	2.6	4	114	0.221	W
B2	20190403	Cloudy	Moderate	Mid-Flood	S	1	16:03	11.5	8.82	31.67	24.8	2.63	5	114	0.228	SW
B2	20190403	Cloudy	Moderate	Mid-Flood	S	1	16:03	11.6	8.45	27.59	24.5	2.54	4	114	0.231	NW
B3	20190403	Cloudy	Moderate	Mid-Flood	B	4.6	15:07	10.76	9.01	30.54	24.8	3.69	5	114	0.231	W
B3	20190403	Cloudy	Moderate	Mid-Flood	B	4.6	15:07	11.08	8.68	28.05	24.6	3.58	4	116	0.266	SW
B3	20190403	Cloudy	Moderate	Mid-Flood	S	1	15:08	11.2	8.64	30.9	24.6	3.44	4	114	0.242	NW
B3	20190403	Cloudy	Moderate	Mid-Flood	S	1	15:08	11.34	8.6	29.81	24.7	3.32	5	114	0.179	W
B4	20190403	Cloudy	Moderate	Mid-Flood	B	4.8	15:17	11.16	8.82	29.61	24.6	3.67	5	113	0.145	W
B4	20190403	Cloudy	Moderate	Mid-Flood	B	4.8	15:17	11.05	8.65	30.34	24.8	3.58	4	115	0.133	W
B4	20190403	Cloudy	Moderate	Mid-Flood	S	1	15:18	11.17	8.98	28.95	24.5	3.49	5	115	0.162	NW
B4	20190403	Cloudy	Moderate	Mid-Flood	S	1	15:18	11.01	8.84	30.9	24.6	3.59	5	115	0.196	W
C1	20190403	Cloudy	Moderate	Mid-Flood	B	9.3	15:22	11.94	8.75	27.88	24.6	3.76	5	112	0.124	SW
C1	20190403	Cloudy	Moderate	Mid-Flood	B	9.3	15:22	11.9	8.63	29.78	24.7	3.63	5	114	0.251	NW
C1	20190403	Cloudy	Moderate	Mid-Flood	M	5.2	15:23	12.06	8.82	30.91	24.5	3.57	4	114	0.207	W
C1	20190403	Cloudy	Moderate	Mid-Flood	M	5.2	15:23	11.81	8.91	31.19	24.8	3.47	5	112	0.27	NW
C1	20190403	Cloudy	Moderate	Mid-Flood	S	1	15:24	11.87	8.52	32.13	24.7	3.36	4	114	0.282	W
C1	20190403	Cloudy	Moderate	Mid-Flood	S	1	15:24	11.63	8.94	27.75	24.7	3.27	3	115	0.193	W
C2	20190403	Cloudy	Moderate	Mid-Flood	B	7.3	14:34	9.84	9.08	31.91	24.7	3.93	4	113	0.238	W
C2	20190403	Cloudy	Moderate	Mid-Flood	B	7.3	14:34	10.23	8.43	29.67	24.6	3.88	5	114	0.144	NW
C2	20190403	Cloudy	Moderate	Mid-Flood	M	4.2	14:35	10.41	9.06	31.7	24.8	3.85	6	114	0.182	W
C2	20190403	Cloudy	Moderate	Mid-Flood	M	4.2	14:35	10.02	8.72	32.03	24.5	3.84	6	114	0.189	W
C2	20190403	Cloudy	Moderate	Mid-Flood	S	1	14:36	10.04	8.43	32.05	24.5	3.97	5	114	0.123	W
C2	20190403	Cloudy	Moderate	Mid-Flood	S	1	14:36	9.96	9.14	32.18	24.5	4	6	114	0.175	NW
F1	20190403	Cloudy	Moderate	Mid-Flood	B	7.6	15:45	11.69	8.53	32.37	24.8	2.82	4	115	0.212	NW
F1	20190403	Cloudy	Moderate	Mid-Flood	B	7.6	15:45	11.35	9.09	27.31	24.7	2.82	4	114	0.132	SW
F1	20190403	Cloudy	Moderate	Mid-Flood	M	4.3	15:46	11.51	8.42	31.63	24.7	2.95	5	115	0.255	W
F1	20190403	Cloudy	Moderate	Mid-Flood	M	4.3	15:46	11.12	8.64	30	24.7	2.98	6	115	0.215	W
F1	20190403	Cloudy	Moderate	Mid-Flood	S	1	15:47	11	8.82	30.72	24.7	2.87	6	114	0.237	NW
F1	20190403	Cloudy	Moderate	Mid-Flood	S	1	15:47	10.78	8.61	30.38	24.6	2.79	7	115	0.201	W

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
H1	20190403	Cloudy	Moderate	Mid-Flood	B	6.8	14:52	12.43	8.5	28.43	24.8	3.73	4	115	0.142	NW
H1	20190403	Cloudy	Moderate	Mid-Flood	B	6.8	14:52	12.51	8.48	32.2	24.7	3.64	3	115	0.254	W
H1	20190403	Cloudy	Moderate	Mid-Flood	M	3.9	14:53	12.55	9.14	28.77	24.6	3.75	5	114	0.198	W
H1	20190403	Cloudy	Moderate	Mid-Flood	M	3.9	14:53	12.53	8.68	29.96	24.8	3.63	4	114	0.135	W
H1	20190403	Cloudy	Moderate	Mid-Flood	S	1	14:54	12.62	9.03	32.02	24.7	3.72	6	115	0.175	W
H1	20190403	Cloudy	Moderate	Mid-Flood	S	1	14:54	12.55	8.71	28.45	24.6	3.83	5	114	0.122	NW
M1	20190403	Cloudy	Moderate	Mid-Flood	B	8.6	16:14	11.35	8.6	30.68	24.6	2.76	6	114	0.274	W
M1	20190403	Cloudy	Moderate	Mid-Flood	B	8.6	16:14	11.26	9.14	30.35	24.7	2.85	7	113	0.25	W
M1	20190403	Cloudy	Moderate	Mid-Flood	M	4.8	16:15	11.18	8.62	27.7	24.7	2.7	6	114	0.229	W
M1	20190403	Cloudy	Moderate	Mid-Flood	M	4.8	16:15	11.3	9.13	32.02	24.8	2.64	7	113	0.169	NW
M1	20190403	Cloudy	Moderate	Mid-Flood	S	1	16:16	11.29	8.95	30.91	24.6	2.77	4	112	0.211	SW
M1	20190403	Cloudy	Moderate	Mid-Flood	S	1	16:16	11.55	8.44	30.87	24.6	2.83	4	113	0.149	NW
CR1	20190403	Cloudy	Moderate	Mid-Flood	B	11.2	14:39	11.23	8.42	31.99	24.8	3.02	4	115	0.148	SW
CR1	20190403	Cloudy	Moderate	Mid-Flood	B	11.2	14:39	11.43	8.48	30.62	24.7	3.07	4	114	0.273	W
CR1	20190403	Cloudy	Moderate	Mid-Flood	M	6.1	14:40	11.75	8.63	28.76	24.8	3.21	4	114	0.199	W
CR1	20190403	Cloudy	Moderate	Mid-Flood	M	6.1	14:40	11.44	8.48	30.76	24.8	3.26	3	114	0.248	W
CR1	20190403	Cloudy	Moderate	Mid-Flood	S	1	14:41	11.09	8.58	31.34	24.8	3.35	3	114	0.236	W
CR1	20190403	Cloudy	Moderate	Mid-Flood	S	1	14:41	10.79	8.67	31.75	24.7	3.23	5	114	0.199	W
CR2	20190403	Cloudy	Moderate	Mid-Flood	B	10	14:55	10.55	9.09	31.02	24.7	3.54	4	114	0.134	NW
CR2	20190403	Cloudy	Moderate	Mid-Flood	B	10	14:55	10.5	8.59	27.53	24.5	3.65	4	113	0.129	W
CR2	20190403	Cloudy	Moderate	Mid-Flood	M	5.5	14:56	10.48	8.88	29.02	24.6	3.77	4	114	0.149	SW
CR2	20190403	Cloudy	Moderate	Mid-Flood	M	5.5	14:56	10.3	8.72	30.23	24.7	3.62	5	114	0.157	NW
CR2	20190403	Cloudy	Moderate	Mid-Flood	S	1	14:57	10.37	8.4	29.83	24.8	3.61	3	114	0.141	NW
CR2	20190403	Cloudy	Moderate	Mid-Flood	S	1	14:57	10.37	8.73	27.47	24.6	3.73	2	114	0.26	W
S1	20190403	Cloudy	Moderate	Mid-Flood	B	4.6	15:53	11.23	8.4	27.52	24.7	3.83	4	114	0.269	NW
S1	20190403	Cloudy	Moderate	Mid-Flood	B	4.6	15:53	11.33	8.63	29.2	24.8	3.91	3	115	0.285	W
S1	20190403	Cloudy	Moderate	Mid-Flood	S	1	15:54	11.56	9.14	30.57	24.8	3.99	3	114	0.29	SW
S1	20190403	Cloudy	Moderate	Mid-Flood	S	1	15:54	11.92	8.8	29.04	24.8	4.12	4	113	0.209	SW
S2	20190403	Cloudy	Moderate	Mid-Flood	B	8.7	16:19	11.25	8.64	27.4	24.6	3.17	7	114	0.219	W
S2	20190403	Cloudy	Moderate	Mid-Flood	B	8.7	16:19	10.89	8.85	28.13	24.5	3.09	8	115	0.159	SW
S2	20190403	Cloudy	Moderate	Mid-Flood	M	4.9	16:20	11.22	8.69	30.57	24.6	3.18	6	114	0.265	W
S2	20190403	Cloudy	Moderate	Mid-Flood	M	4.9	16:20	10.91	8.47	28.44	24.5	3.08	5	115	0.222	W

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

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
S2	20190403	Cloudy	Moderate	Mid-Flood	S	1	16:21	10.83	8.75	30.63	24.7	3.22	7	114	0.18	W
S2	20190403	Cloudy	Moderate	Mid-Flood	S	1	16:21	10.64	8.89	30.2	24.6	3.32	5	112	0.237	SW
S3	20190403	Cloudy	Moderate	Mid-Flood	B	7.8	14:48	12.45	8.78	32.17	24.6	3.19	6	115	0.247	W
S3	20190403	Cloudy	Moderate	Mid-Flood	B	7.8	14:48	12.68	8.87	32.27	24.6	3.29	6	114	0.285	W
S3	20190403	Cloudy	Moderate	Mid-Flood	M	4.4	14:49	12.42	8.7	27.58	24.8	3.41	5	113	0.209	W
S3	20190403	Cloudy	Moderate	Mid-Flood	M	4.4	14:49	12.67	8.91	27.89	24.7	3.49	4	114	0.279	W
S3	20190403	Cloudy	Moderate	Mid-Flood	S	1	14:50	12.92	8.75	27.58	24.6	3.48	5	113	0.217	W
S3	20190403	Cloudy	Moderate	Mid-Flood	S	1	14:50	12.82	8.47	29.74	24.5	3.42	5	114	0.236	SW
B1	20190406	Sunny	Moderate	Mid-Ebb	B	4.9	12:12	10.15	8.81	28.77	24.5	3.41	6	113	0.139	E
B1	20190406	Sunny	Moderate	Mid-Ebb	B	4.9	12:12	10.22	8.4	29.13	24.5	3.34	5	112	0.133	E
B1	20190406	Sunny	Moderate	Mid-Ebb	S	1	12:13	10.03	8.95	30.56	24.3	3.34	8	113	0.163	SE
B1	20190406	Sunny	Moderate	Mid-Ebb	S	1	12:13	9.77	8.54	28.17	24.6	3.49	6	114	0.122	E
B2	20190406	Sunny	Moderate	Mid-Ebb	B	5	12:33	10.89	8.63	31.29	24.4	1.81	5	113	0.138	E
B2	20190406	Sunny	Moderate	Mid-Ebb	B	5	12:33	11.15	8.98	27.63	24.5	1.81	4	112	0.103	E
B2	20190406	Sunny	Moderate	Mid-Ebb	S	1	12:34	11.04	8.67	30.3	24.4	1.77	6	114	0.175	SE
B2	20190406	Sunny	Moderate	Mid-Ebb	S	1	12:34	11.25	8.7	31.23	24.3	1.74	6	114	0.113	SE
B3	20190406	Sunny	Moderate	Mid-Ebb	B	4	13:35	9.42	8.96	31.34	24.3	1.71	5	113	0.119	E
B3	20190406	Sunny	Moderate	Mid-Ebb	B	4	13:35	9.81	8.89	28.92	24.5	1.62	6	114	0.151	E
B3	20190406	Sunny	Moderate	Mid-Ebb	S	1	13:36	10	8.62	32.05	24.6	1.68	6	113	0.119	E
B3	20190406	Sunny	Moderate	Mid-Ebb	S	1	13:36	10.01	8.76	31.84	24.5	1.55	6	114	0.174	SE
B4	20190406	Sunny	Moderate	Mid-Ebb	B	4.4	13:46	12.54	8.37	32.05	24.4	2.89	10	114	0.13	E
B4	20190406	Sunny	Moderate	Mid-Ebb	B	4.4	13:46	12.64	8.3	33.28	24.4	3	9	114	0.081	SE
B4	20190406	Sunny	Moderate	Mid-Ebb	S	1	13:47	12.85	8.55	32.98	24.5	3.04	5	114	0.108	SE
B4	20190406	Sunny	Moderate	Mid-Ebb	S	1	13:47	12.46	8.41	32.02	24.3	3.14	6	114	0.116	SE
C1	20190406	Sunny	Moderate	Mid-Ebb	B	9.2	11:45	10.71	8.85	30.05	24.4	2.9	8	113	0.077	SE
C1	20190406	Sunny	Moderate	Mid-Ebb	B	9.2	11:45	10.84	8.47	31.99	24.4	2.91	7	114	0.158	E
C1	20190406	Sunny	Moderate	Mid-Ebb	M	5.1	11:46	10.82	8.47	32.12	24.5	2.82	10	113	0.16	E
C1	20190406	Sunny	Moderate	Mid-Ebb	M	5.1	11:46	11.13	8.32	32.38	24.6	2.86	9	113	0.16	E
C1	20190406	Sunny	Moderate	Mid-Ebb	S	1	11:47	11.43	8.37	31.28	24.5	2.74	10	114	0.108	E
C1	20190406	Sunny	Moderate	Mid-Ebb	S	1	11:47	11.55	8.91	32.22	24.4	2.65	11	112	0.156	E
C2	20190406	Sunny	Moderate	Mid-Ebb	B	7	14:04	12.58	8.58	27.84	24.5	2.2	6	112	0.141	E
C2	20190406	Sunny	Moderate	Mid-Ebb	B	7	14:04	12.35	8.65	30.46	24.5	2.23	6	113	0.183	E

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

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
C2	20190406	Sunny	Moderate	Mid-Ebb	M	4	14:05	12.01	8.48	28.3	24.4	2.09	5	113	0.176	E
C2	20190406	Sunny	Moderate	Mid-Ebb	M	4	14:05	12.13	8.67	32.78	24.3	2.02	6	113	0.146	E
C2	20190406	Sunny	Moderate	Mid-Ebb	S	1	14:06	12.31	8.44	32.67	24.4	2.1	5	114	0.116	E
C2	20190406	Sunny	Moderate	Mid-Ebb	S	1	14:06	12.27	8.67	30.4	24.4	2.15	6	114	0.153	E
F1	20190406	Sunny	Moderate	Mid-Ebb	B	7.2	12:04	12.51	8.94	33.24	24.4	1.58	9	114	0.106	SE
F1	20190406	Sunny	Moderate	Mid-Ebb	B	7.2	12:04	12.47	8.93	31.93	24.4	1.62	8	114	0.112	SE
F1	20190406	Sunny	Moderate	Mid-Ebb	M	4.1	12:05	12.58	8.8	29.61	24.3	1.64	9	113	0.124	E
F1	20190406	Sunny	Moderate	Mid-Ebb	M	4.1	12:05	12.49	8.62	29.97	24.4	1.59	9	112	0.127	SE
F1	20190406	Sunny	Moderate	Mid-Ebb	S	1	12:06	12.13	9.01	30.13	24.5	1.46	8	114	0.183	E
F1	20190406	Sunny	Moderate	Mid-Ebb	S	1	12:06	12.25	8.83	32.42	24.4	1.37	8	113	0.15	E
H1	20190406	Sunny	Moderate	Mid-Ebb	B	6.3	13:16	10.71	8.52	32.26	24.3	2.98	8	113	0.147	E
H1	20190406	Sunny	Moderate	Mid-Ebb	B	6.3	13:16	10.34	8.98	31.73	24.4	2.98	7	114	0.188	E
H1	20190406	Sunny	Moderate	Mid-Ebb	M	3.7	13:17	10.14	8.54	27.91	24.6	2.83	7	114	0.182	SE
H1	20190406	Sunny	Moderate	Mid-Ebb	M	3.7	13:17	10.11	8.69	29.06	24.5	2.82	6	113	0.147	SE
H1	20190406	Sunny	Moderate	Mid-Ebb	S	1	13:18	10.19	8.38	32.96	24.3	2.85	7	113	0.132	SE
H1	20190406	Sunny	Moderate	Mid-Ebb	S	1	13:18	10.34	8.42	31.58	24.4	2.76	8	113	0.084	SE
M1	20190406	Sunny	Moderate	Mid-Ebb	B	8.3	12:31	12.47	8.84	27.37	24.3	1.61	6	114	0.127	SE
M1	20190406	Sunny	Moderate	Mid-Ebb	B	8.3	12:31	12.71	8.86	28.2	24.4	1.52	7	112	0.086	E
M1	20190406	Sunny	Moderate	Mid-Ebb	M	4.7	12:32	13.06	8.5	28.6	24.4	1.42	5	113	0.157	SE
M1	20190406	Sunny	Moderate	Mid-Ebb	M	4.7	12:32	13.22	8.38	33.27	24.6	1.43	4	113	0.089	E
M1	20190406	Sunny	Moderate	Mid-Ebb	S	1	12:33	12.95	8.35	29.97	24.3	1.33	4	114	0.085	E
M1	20190406	Sunny	Moderate	Mid-Ebb	S	1	12:33	13.03	8.6	32.63	24.4	1.21	4	113	0.087	E
CR1	20190406	Sunny	Moderate	Mid-Ebb	B	10.9	13:24	9.38	8.59	31.62	24.4	3.43	6	114	0.188	E
CR1	20190406	Sunny	Moderate	Mid-Ebb	B	10.9	13:24	9.54	8.59	30.82	24.5	3.57	6	113	0.177	SE
CR1	20190406	Sunny	Moderate	Mid-Ebb	M	6	13:25	9.18	8.46	27.72	24.3	3.49	6	114	0.099	SE
CR1	20190406	Sunny	Moderate	Mid-Ebb	M	6	13:25	9.56	8.98	31.83	24.3	3.36	7	114	0.178	E
CR1	20190406	Sunny	Moderate	Mid-Ebb	S	1	13:26	9.25	8.73	28.04	24.6	3.36	3	114	0.142	E
CR1	20190406	Sunny	Moderate	Mid-Ebb	S	1	13:26	9.51	8.43	32.6	24.4	3.23	4	113	0.081	E
CR2	20190406	Sunny	Moderate	Mid-Ebb	B	9.3	13:12	9.77	8.51	27.56	24.4	2.4	4	113	0.16	SE
CR2	20190406	Sunny	Moderate	Mid-Ebb	B	9.3	13:12	10.03	8.87	27.38	24.4	2.32	4	112	0.104	SE
CR2	20190406	Sunny	Moderate	Mid-Ebb	M	5.2	13:13	10.38	8.77	32.6	24.3	2.4	4	112	0.101	E
CR2	20190406	Sunny	Moderate	Mid-Ebb	M	5.2	13:13	10.42	8.96	31.15	24.5	2.43	3	112	0.11	E

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
CR2	20190406	Sunny	Moderate	Mid-Ebb	S	1	13:14	10.09	8.89	28.94	24.4	2.44	5	114	0.111	SE
CR2	20190406	Sunny	Moderate	Mid-Ebb	S	1	13:14	10.2	8.78	27.33	24.4	2.54	5	113	0.104	SE
S1	20190406	Sunny	Moderate	Mid-Ebb	B	4.3	12:22	10.37	8.43	28.04	24.5	3.47	8	113	0.109	SE
S1	20190406	Sunny	Moderate	Mid-Ebb	B	4.3	12:22	10.07	8.57	32.51	24.6	3.52	8	114	0.119	E
S1	20190406	Sunny	Moderate	Mid-Ebb	S	1	12:23	9.81	8.56	30.82	24.3	3.38	11	114	0.079	SE
S1	20190406	Sunny	Moderate	Mid-Ebb	S	1	12:23	9.59	8.56	32.52	24.3	3.51	12	113	0.164	SE
S2	20190406	Sunny	Moderate	Mid-Ebb	B	8.2	12:49	9.58	9.01	32.9	24.4	1.83	7	114	0.145	E
S2	20190406	Sunny	Moderate	Mid-Ebb	B	8.2	12:49	9.91	8.53	32.44	24.4	1.87	6	113	0.174	SE
S2	20190406	Sunny	Moderate	Mid-Ebb	M	4.6	12:50	9.64	8.7	30.87	24.6	1.76	7	113	0.115	SE
S2	20190406	Sunny	Moderate	Mid-Ebb	M	4.6	12:50	9.44	8.57	28.84	24.5	1.65	6	112	0.155	SE
S2	20190406	Sunny	Moderate	Mid-Ebb	S	1	12:51	9.23	8.7	28.77	24.3	1.54	7	114	0.191	E
S2	20190406	Sunny	Moderate	Mid-Ebb	S	1	12:51	8.99	8.36	29.2	24.6	1.56	6	114	0.119	SE
S3	20190406	Sunny	Moderate	Mid-Ebb	B	7.2	13:00	10.92	8.59	28.02	24.5	2.08	5	113	0.09	E
S3	20190406	Sunny	Moderate	Mid-Ebb	B	7.2	13:00	11.24	8.87	30.17	24.5	2.03	6	113	0.149	SE
S3	20190406	Sunny	Moderate	Mid-Ebb	M	4.1	13:01	10.98	8.85	30.52	24.3	2.17	4	114	0.104	E
S3	20190406	Sunny	Moderate	Mid-Ebb	M	4.1	13:01	11.26	8.53	30.09	24.5	2.08	6	113	0.087	SE
S3	20190406	Sunny	Moderate	Mid-Ebb	S	1	13:02	11.31	8.53	32.36	24.4	1.98	6	114	0.122	SE
S3	20190406	Sunny	Moderate	Mid-Ebb	S	1	13:02	11.14	8.8	27.64	24.6	1.86	5	114	0.159	SE
B1	20190406	Sunny	Moderate	Mid-Flood	B	4.7	18:00	9.99	8.49	33.2	24	2.39	3	112	0.182	W
B1	20190406	Sunny	Moderate	Mid-Flood	B	4.7	18:00	9.72	8.41	32.11	24.2	2.48	3	114	0.192	W
B1	20190406	Sunny	Moderate	Mid-Flood	S	1	18:01	9.58	8.78	30.55	24.2	2.49	4	112	0.139	W
B1	20190406	Sunny	Moderate	Mid-Flood	S	1	18:01	9.79	8.45	29.05	24.3	2.42	4	113	0.096	SW
B2	20190406	Sunny	Moderate	Mid-Flood	B	4.9	18:20	10.08	8.92	32.75	24.1	1.87	5	113	0.148	NW
B2	20190406	Sunny	Moderate	Mid-Flood	B	4.9	18:20	9.7	8.81	32.75	24.2	1.72	6	113	0.117	SW
B2	20190406	Sunny	Moderate	Mid-Flood	S	1	18:21	9.3	8.31	28.59	24.3	1.78	4	112	0.142	W
B2	20190406	Sunny	Moderate	Mid-Flood	S	1	18:21	9.25	8.73	32.37	24.3	1.93	4	113	0.165	SW
B3	20190406	Sunny	Moderate	Mid-Flood	B	4.8	18:06	12.33	8.41	32.84	24.3	3.17	4	113	0.211	SW
B3	20190406	Sunny	Moderate	Mid-Flood	B	4.8	18:06	12.04	8.5	32.26	24	3.23	5	113	0.146	W
B3	20190406	Sunny	Moderate	Mid-Flood	S	1	18:07	11.74	8.91	29.99	24.2	3.24	5	113	0.111	NW
B3	20190406	Sunny	Moderate	Mid-Flood	S	1	18:07	12.14	8.4	30.2	24.2	3.2	5	112	0.14	NW
B4	20190406	Sunny	Moderate	Mid-Flood	B	5.4	18:17	9.73	8.67	30.49	24.2	3.41	5	113	0.203	W
B4	20190406	Sunny	Moderate	Mid-Flood	B	5.4	18:17	9.82	8.37	31.26	24.2	3.27	5	113	0.118	SW

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

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
B4	20190406	Sunny	Moderate	Mid-Flood	S	1	18:18	10.18	8.61	30.05	24	3.4	6	112	0.123	SW
B4	20190406	Sunny	Moderate	Mid-Flood	S	1	18:18	10.36	8.4	29.97	24	3.4	7	112	0.114	SW
C1	20190406	Sunny	Moderate	Mid-Flood	B	10.9	17:39	11.8	8.33	31.87	24.1	2.31	4	113	0.102	SW
C1	20190406	Sunny	Moderate	Mid-Flood	B	10.9	17:39	11.48	8.51	29.88	24.2	2.4	4	113	0.203	SW
C1	20190406	Sunny	Moderate	Mid-Flood	M	6	17:40	11.73	8.91	28.5	24.3	2.26	5	113	0.117	W
C1	20190406	Sunny	Moderate	Mid-Flood	M	6	17:40	12.01	8.77	32.65	24.3	2.35	6	113	0.139	SW
C1	20190406	Sunny	Moderate	Mid-Flood	S	1	17:41	11.64	8.47	29.68	24.2	2.28	6	114	0.146	W
C1	20190406	Sunny	Moderate	Mid-Flood	S	1	17:41	11.9	8.97	31.46	24.1	2.14	6	112	0.125	W
C2	20190406	Sunny	Moderate	Mid-Flood	B	7.8	16:30	11.37	8.87	30.75	24.3	2.95	5	113	0.111	SW
C2	20190406	Sunny	Moderate	Mid-Flood	B	7.8	16:30	11.15	8.97	28.31	24.2	2.84	4	113	0.117	W
C2	20190406	Sunny	Moderate	Mid-Flood	M	4.4	16:31	11.07	8.83	32.61	24.3	2.84	7	113	0.097	SW
C2	20190406	Sunny	Moderate	Mid-Flood	M	4.4	16:31	11.35	8.78	29.6	24.2	2.76	7	113	0.188	W
C2	20190406	Sunny	Moderate	Mid-Flood	S	1	16:32	11.13	8.61	27.49	24.2	2.73	5	114	0.099	NW
C2	20190406	Sunny	Moderate	Mid-Flood	S	1	16:32	10.74	8.61	29.99	24.1	2.71	6	113	0.108	SW
F1	20190406	Sunny	Moderate	Mid-Flood	B	6.6	16:35	12.31	8.87	28.58	24.3	2.25	4	113	0.155	SW
F1	20190406	Sunny	Moderate	Mid-Flood	B	6.6	16:35	11.95	8.7	28.08	24.2	2.19	6	113	0.151	W
F1	20190406	Sunny	Moderate	Mid-Flood	M	3.8	16:36	12.25	8.88	29.16	24.2	2.21	5	112	0.157	SW
F1	20190406	Sunny	Moderate	Mid-Flood	M	3.8	16:36	12.57	8.71	27.39	24.2	2.09	4	112	0.18	W
F1	20190406	Sunny	Moderate	Mid-Flood	S	1	16:37	12.83	8.53	29.75	24.1	2.13	4	113	0.17	NW
F1	20190406	Sunny	Moderate	Mid-Flood	S	1	16:37	12.84	8.67	31.74	24.2	2.18	5	113	0.123	W
H1	20190406	Sunny	Moderate	Mid-Flood	B	6.8	17:50	9.91	8.37	28.4	24.1	2.32	6	112	0.157	SW
H1	20190406	Sunny	Moderate	Mid-Flood	B	6.8	17:50	9.52	8.63	28.88	24.2	2.42	5	112	0.197	W
H1	20190406	Sunny	Moderate	Mid-Flood	M	3.9	17:51	9.47	8.61	32.77	24.1	2.56	6	113	0.129	W
H1	20190406	Sunny	Moderate	Mid-Flood	M	3.9	17:51	9.2	8.48	31.58	24.1	2.6	7	113	0.171	NW
H1	20190406	Sunny	Moderate	Mid-Flood	S	1	17:52	8.85	8.41	32.21	24	2.7	6	112	0.114	NW
H1	20190406	Sunny	Moderate	Mid-Flood	S	1	17:52	8.69	8.39	27.43	24	2.64	7	112	0.13	NW
M1	20190406	Sunny	Moderate	Mid-Flood	B	9.3	17:06	11.42	8.93	29.4	24.3	2.09	6	113	0.187	SW
M1	20190406	Sunny	Moderate	Mid-Flood	B	9.3	17:06	11.61	9.02	30.8	24.2	2.15	5	113	0.184	SW
M1	20190406	Sunny	Moderate	Mid-Flood	M	5.2	17:07	11.9	8.51	27.82	24.1	2.29	5	113	0.145	W
M1	20190406	Sunny	Moderate	Mid-Flood	M	5.2	17:07	11.89	8.66	30.72	24.1	2.14	6	113	0.131	W
M1	20190406	Sunny	Moderate	Mid-Flood	S	1	17:08	11.51	8.55	28.76	24.3	2.08	8	114	0.192	W
M1	20190406	Sunny	Moderate	Mid-Flood	S	1	17:08	11.34	8.65	27.96	24	2.09	8	113	0.116	SW

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
CR1	20190406	Sunny	Moderate	Mid-Flood	B	11.2	16:46	11.18	8.48	32.23	24.1	3.11	5	113	0.173	W
CR1	20190406	Sunny	Moderate	Mid-Flood	B	11.2	16:46	11.32	8.36	27.65	24.1	3.2	6	113	0.17	SW
CR1	20190406	Sunny	Moderate	Mid-Flood	M	6.1	16:47	11.58	8.74	33.17	24	3.3	4	112	0.205	SW
CR1	20190406	Sunny	Moderate	Mid-Flood	M	6.1	16:47	11.6	8.77	33.4	24.3	3.26	3	112	0.113	W
CR1	20190406	Sunny	Moderate	Mid-Flood	S	1	16:48	11.98	8.74	32.2	24.1	3.41	4	113	0.127	W
CR1	20190406	Sunny	Moderate	Mid-Flood	S	1	16:48	12.23	8.55	29.72	24.3	3.54	3	113	0.169	W
CR2	20190406	Sunny	Moderate	Mid-Flood	B	9.9	16:59	12.84	8.65	30.43	24.1	1.67	5	113	0.202	W
CR2	20190406	Sunny	Moderate	Mid-Flood	B	9.9	16:59	12.8	8.72	32.79	24.2	1.8	5	113	0.117	W
CR2	20190406	Sunny	Moderate	Mid-Flood	M	5.5	17:00	12.45	9.01	31.08	24.1	1.9	4	114	0.092	W
CR2	20190406	Sunny	Moderate	Mid-Flood	M	5.5	17:00	12.35	8.88	29.22	24.3	1.82	5	112	0.132	SW
CR2	20190406	Sunny	Moderate	Mid-Flood	S	1	17:01	12.33	8.77	29.73	24.2	1.88	4	113	0.202	NW
CR2	20190406	Sunny	Moderate	Mid-Flood	S	1	17:01	12.55	8.43	33.45	24.1	1.77	4	113	0.147	SW
S1	20190406	Sunny	Moderate	Mid-Flood	B	4.4	18:10	12.45	8.89	29.11	24.2	1.68	6	113	0.115	SW
S1	20190406	Sunny	Moderate	Mid-Flood	B	4.4	18:10	12.61	9	27.5	24.2	1.61	7	113	0.134	SW
S1	20190406	Sunny	Moderate	Mid-Flood	S	1	18:11	12.76	8.99	29.43	24.1	1.67	4	113	0.129	SW
S1	20190406	Sunny	Moderate	Mid-Flood	S	1	18:11	12.57	8.78	28.61	24.1	1.56	4	114	0.162	W
S2	20190406	Sunny	Moderate	Mid-Flood	B	8.9	18:37	12.18	8.7	32.24	24.3	1.84	7	113	0.116	SW
S2	20190406	Sunny	Moderate	Mid-Flood	B	8.9	18:37	12.58	8.47	27.94	24.3	1.87	6	113	0.198	SW
S2	20190406	Sunny	Moderate	Mid-Flood	M	5	18:38	12.21	8.79	30.35	24.3	1.81	7	113	0.121	W
S2	20190406	Sunny	Moderate	Mid-Flood	M	5	18:38	12.28	8.55	33.3	24	1.8	7	113	0.166	SW
S2	20190406	Sunny	Moderate	Mid-Flood	S	1	18:39	12.5	8.31	29.68	24.2	1.81	8	113	0.204	W
S2	20190406	Sunny	Moderate	Mid-Flood	S	1	18:39	12.16	9.01	33.28	24	1.74	7	112	0.168	W
S3	20190406	Sunny	Moderate	Mid-Flood	B	7.8	17:10	10.07	8.4	31.86	24.2	2.17	3	112	0.145	W
S3	20190406	Sunny	Moderate	Mid-Flood	B	7.8	17:10	10.39	8.7	27.89	24.2	2.25	2	113	0.103	W
S3	20190406	Sunny	Moderate	Mid-Flood	M	4.4	17:11	10.26	8.91	28.63	24.1	2.28	4	112	0.195	SW
S3	20190406	Sunny	Moderate	Mid-Flood	M	4.4	17:11	10.34	8.49	29.95	24.1	2.39	4	113	0.104	W
S3	20190406	Sunny	Moderate	Mid-Flood	S	1	17:12	10.34	8.87	27.69	24.2	2.32	7	113	0.162	SW
S3	20190406	Sunny	Moderate	Mid-Flood	S	1	17:12	10.53	8.97	27.76	24	2.19	6	113	0.192	W
B1	20190408	Sunny	Moderate	Mid-Flood	B	5.3	10:13	10.56	8.71	32.83	23.5	3.15	5	111	0.179	SW
B1	20190408	Sunny	Moderate	Mid-Flood	B	5.3	10:13	10.86	8.34	32.32	23.6	3.07	6	111	0.149	SW
B1	20190408	Sunny	Moderate	Mid-Flood	S	1	10:14	10.54	8.85	28.35	23.6	3.08	6	112	0.196	SW
B1	20190408	Sunny	Moderate	Mid-Flood	S	1	10:14	10.21	8.35	29.49	23.6	2.97	5	110	0.122	W

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

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
B2	20190408	Sunny	Moderate	Mid-Flood	B	4.7	10:32	11.19	9	30.4	23.6	2.05	8	112	0.066	S
B2	20190408	Sunny	Moderate	Mid-Flood	B	4.7	10:32	11.13	8.57	29.67	23.7	1.95	8	112	0.138	SW
B2	20190408	Sunny	Moderate	Mid-Flood	S	1	10:33	11.13	8.53	33.32	23.6	1.85	6	111	0.161	S
B2	20190408	Sunny	Moderate	Mid-Flood	S	1	10:33	11.04	8.42	27.78	23.7	1.98	6	112	0.067	SW
B3	20190408	Sunny	Moderate	Mid-Flood	B	5.3	9:27	10.91	8.46	32.36	23.6	3.09	6	111	0.119	S
B3	20190408	Sunny	Moderate	Mid-Flood	B	5.3	9:27	11.3	8.36	31.32	23.6	3.24	7	111	0.139	SW
B3	20190408	Sunny	Moderate	Mid-Flood	S	1	9:28	10.94	8.33	32.84	23.6	3.11	6	111	0.18	SW
B3	20190408	Sunny	Moderate	Mid-Flood	S	1	9:28	11.14	8.38	32.03	23.7	2.96	5	112	0.135	SW
B4	20190408	Sunny	Moderate	Mid-Flood	B	5.1	9:39	10.25	8.62	29.57	23.5	3.11	11	112	0.105	SW
B4	20190408	Sunny	Moderate	Mid-Flood	B	5.1	9:39	10.32	8.37	31.43	23.6	3.25	11	111	0.079	SW
B4	20190408	Sunny	Moderate	Mid-Flood	S	1	9:40	10.3	8.99	31.17	23.6	3.23	6	111	0.203	SW
B4	20190408	Sunny	Moderate	Mid-Flood	S	1	9:40	10.66	8.47	30.13	23.6	3.33	7	112	0.083	SW
C1	20190408	Sunny	Moderate	Mid-Flood	B	8.9	9:50	10.06	8.3	30.12	23.6	3.12	10	111	0.16	S
C1	20190408	Sunny	Moderate	Mid-Flood	B	8.9	9:50	10.45	8.32	32.79	23.5	2.97	11	112	0.077	SW
C1	20190408	Sunny	Moderate	Mid-Flood	M	5	9:51	10.6	8.64	28.38	23.7	3.01	9	112	0.117	SW
C1	20190408	Sunny	Moderate	Mid-Flood	M	5	9:51	10.49	8.91	31.69	23.7	2.95	10	112	0.113	S
C1	20190408	Sunny	Moderate	Mid-Flood	S	1	9:52	10.13	9.03	31.19	23.6	3.03	8	111	0.186	SW
C1	20190408	Sunny	Moderate	Mid-Flood	S	1	9:52	10.22	8.49	27.41	23.7	3.04	8	111	0.097	SW
C2	20190408	Sunny	Moderate	Mid-Flood	B	8	8:44	12.52	8.87	31.7	23.7	3.06	8	111	0.185	SW
C2	20190408	Sunny	Moderate	Mid-Flood	B	8	8:44	12.74	8.71	31.81	23.6	3.12	7	112	0.105	SW
C2	20190408	Sunny	Moderate	Mid-Flood	M	4.5	8:45	13.05	9.03	31.58	23.7	3.09	6	111	0.072	S
C2	20190408	Sunny	Moderate	Mid-Flood	M	4.5	8:45	13.44	8.8	30.87	23.6	3.16	5	111	0.089	S
C2	20190408	Sunny	Moderate	Mid-Flood	S	1	8:46	13.24	8.77	32.07	23.6	3.16	7	112	0.09	W
C2	20190408	Sunny	Moderate	Mid-Flood	S	1	8:46	13.1	8.91	28.23	23.6	3.13	7	111	0.13	S
F1	20190408	Sunny	Moderate	Mid-Flood	B	6.9	10:06	12.86	8.7	28.72	23.6	1.55	7	112	0.175	S
F1	20190408	Sunny	Moderate	Mid-Flood	B	6.9	10:06	13.24	8.82	27.66	23.6	1.61	7	112	0.187	S
F1	20190408	Sunny	Moderate	Mid-Flood	M	4	10:07	13.54	9.04	31.52	23.5	1.69	8	111	0.066	S
F1	20190408	Sunny	Moderate	Mid-Flood	M	4	10:07	13.32	8.62	31.71	23.7	1.66	8	111	0.096	S
F1	20190408	Sunny	Moderate	Mid-Flood	S	1	10:08	13.71	8.86	32.9	23.6	1.58	8	113	0.08	SW
F1	20190408	Sunny	Moderate	Mid-Flood	S	1	10:08	13.48	8.92	30.03	23.6	1.46	8	111	0.146	SW
H1	20190408	Sunny	Moderate	Mid-Flood	B	7.3	9:11	9.93	8.88	33.06	23.6	2.14	7	112	0.121	SW
H1	20190408	Sunny	Moderate	Mid-Flood	B	7.3	9:11	9.87	8.91	29.95	23.7	2	6	112	0.185	S

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

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
H1	20190408	Sunny	Moderate	Mid-Flood	M	4.2	9:12	10.17	8.82	31.53	23.5	1.9	7	111	0.186	W
H1	20190408	Sunny	Moderate	Mid-Flood	M	4.2	9:12	10.45	8.48	30.14	23.6	2.01	7	110	0.139	SW
H1	20190408	Sunny	Moderate	Mid-Flood	S	1	9:13	10.46	8.85	27.58	23.6	1.92	4	111	0.075	SW
H1	20190408	Sunny	Moderate	Mid-Flood	S	1	9:13	10.84	8.95	31.63	23.7	1.96	5	112	0.184	S
M1	20190408	Sunny	Moderate	Mid-Flood	B	8.1	10:39	12.16	8.67	29.52	23.6	2.12	7	112	0.18	W
M1	20190408	Sunny	Moderate	Mid-Flood	B	8.1	10:39	12.47	8.75	28.49	23.7	2.27	8	112	0.148	SW
M1	20190408	Sunny	Moderate	Mid-Flood	M	4.6	10:40	12.75	8.58	29.35	23.7	2.18	7	112	0.17	SW
M1	20190408	Sunny	Moderate	Mid-Flood	M	4.6	10:40	12.57	8.57	27.48	23.7	2.25	6	112	0.207	W
M1	20190408	Sunny	Moderate	Mid-Flood	S	1	10:41	12.37	8.71	30.89	23.6	2.2	7	112	0.1	SW
M1	20190408	Sunny	Moderate	Mid-Flood	S	1	10:41	12.77	8.38	30.74	23.6	2.05	6	112	0.168	SW
CR1	20190408	Sunny	Moderate	Mid-Flood	B	11.7	9:04	11.98	8.94	29.27	23.6	1.67	6	112	0.108	W
CR1	20190408	Sunny	Moderate	Mid-Flood	B	11.7	9:04	11.75	8.9	32.98	23.7	1.6	5	111	0.093	S
CR1	20190408	Sunny	Moderate	Mid-Flood	M	6.4	9:05	11.4	8.3	31.99	23.7	1.67	7	112	0.101	S
CR1	20190408	Sunny	Moderate	Mid-Flood	M	6.4	9:05	11	8.89	29.63	23.6	1.8	6	112	0.167	S
CR1	20190408	Sunny	Moderate	Mid-Flood	S	1	9:06	10.85	8.39	27.48	23.5	1.82	6	112	0.201	S
CR1	20190408	Sunny	Moderate	Mid-Flood	S	1	9:06	11.23	9.03	32.59	23.5	1.85	6	112	0.169	S
CR2	20190408	Sunny	Moderate	Mid-Flood	B	9.7	9:16	12.42	8.4	27.68	23.7	2.83	6	111	0.142	SW
CR2	20190408	Sunny	Moderate	Mid-Flood	B	9.7	9:16	12.78	8.33	31.4	23.7	2.74	7	112	0.074	S
CR2	20190408	Sunny	Moderate	Mid-Flood	M	5.4	9:17	12.69	8.47	28.82	23.6	2.61	3	112	0.082	SW
CR2	20190408	Sunny	Moderate	Mid-Flood	M	5.4	9:17	12.64	8.67	32.72	23.6	2.73	4	113	0.198	S
CR2	20190408	Sunny	Moderate	Mid-Flood	S	1	9:18	13.04	8.69	29.3	23.5	2.64	4	112	0.086	W
CR2	20190408	Sunny	Moderate	Mid-Flood	S	1	9:18	13.31	8.53	29.73	23.6	2.7	4	112	0.146	S
S1	20190408	Sunny	Moderate	Mid-Flood	B	4.3	10:22	11.15	8.62	27.34	23.6	2.36	6	113	0.115	W
S1	20190408	Sunny	Moderate	Mid-Flood	B	4.3	10:22	10.87	8.92	31.96	23.5	2.27	6	111	0.1	SW
S1	20190408	Sunny	Moderate	Mid-Flood	S	1	10:23	10.97	8.67	27.31	23.6	2.15	6	112	0.074	S
S1	20190408	Sunny	Moderate	Mid-Flood	S	1	10:23	10.97	8.39	31.85	23.7	2.07	Note 2	112	0.194	S
S2	20190408	Sunny	Moderate	Mid-Flood	B	8.5	10:49	12.22	8.44	28.48	23.6	2.5	6	112	0.197	SW
S2	20190408	Sunny	Moderate	Mid-Flood	B	8.5	10:49	11.93	8.31	29.93	23.6	2.4	6	112	0.107	W
S2	20190408	Sunny	Moderate	Mid-Flood	M	4.8	10:50	11.7	8.4	30.1	23.6	2.39	6	110	0.189	SW
S2	20190408	Sunny	Moderate	Mid-Flood	M	4.8	10:50	12.02	8.96	30.74	23.5	2.52	5	112	0.183	SW
S2	20190408	Sunny	Moderate	Mid-Flood	S	1	10:51	11.79	8.51	29.13	23.6	2.6	6	111	0.073	W
S2	20190408	Sunny	Moderate	Mid-Flood	S	1	10:51	11.43	8.6	30.74	23.5	2.66	6	111	0.106	SW

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

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
S3	20190408	Sunny	Moderate	Mid-Flood	B	7.8	9:26	9.89	8.35	31.35	23.5	2.09	7	111	0.179	W
S3	20190408	Sunny	Moderate	Mid-Flood	B	7.8	9:26	10.04	8.78	27.9	23.5	2.09	8	112	0.173	SW
S3	20190408	Sunny	Moderate	Mid-Flood	M	4.4	9:27	10.26	8.48	32.85	23.7	1.94	7	112	0.168	W
S3	20190408	Sunny	Moderate	Mid-Flood	M	4.4	9:27	9.88	8.48	32.65	23.7	1.81	8	112	0.143	S
S3	20190408	Sunny	Moderate	Mid-Flood	S	1	9:28	10	8.96	27.85	23.6	1.7	8	112	0.123	S
S3	20190408	Sunny	Moderate	Mid-Flood	S	1	9:28	10.22	8.33	29.78	23.6	1.79	7	111	0.18	S
B1	20190408	Sunny	Moderate	Mid-Ebb	B	4.4	12:51	10.4	8.98	31.66	27.1	3.01	9	112	0.064	SE
B1	20190408	Sunny	Moderate	Mid-Ebb	B	4.4	12:51	10.7	8.56	29.94	27.2	3.06	8	112	0.118	SE
B1	20190408	Sunny	Moderate	Mid-Ebb	S	1	12:52	10.41	8.99	32.48	27.2	3.16	8	111	0.073	SE
B1	20190408	Sunny	Moderate	Mid-Ebb	S	1	12:52	10.03	8.62	28.64	27.3	3.1	9	111	0.062	E
B2	20190408	Sunny	Moderate	Mid-Ebb	B	5	13:12	9.92	8.81	31.27	27.2	2.21	6	111	0.197	SE
B2	20190408	Sunny	Moderate	Mid-Ebb	B	5	13:12	10.22	8.94	28.83	27.3	2.31	6	111	0.115	E
B2	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:13	9.84	8.82	28.55	27.2	2.29	6	111	0.276	SE
B2	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:13	9.76	9.01	31.82	27.1	2.29	6	112	0.134	SE
B3	20190408	Sunny	Moderate	Mid-Ebb	B	4.6	14:09	12.76	8.71	28.59	27.3	3.28	5	112	0.175	SE
B3	20190408	Sunny	Moderate	Mid-Ebb	B	4.6	14:09	12.46	8.5	29.1	27.2	3.37	4	112	0.28	SE
B3	20190408	Sunny	Moderate	Mid-Ebb	S	1	14:10	12.86	8.55	30.81	27.2	3.39	4	111	0.06	SE
B3	20190408	Sunny	Moderate	Mid-Ebb	S	1	14:10	12.98	8.68	31.51	27.2	3.34	5	111	0.249	SE
B4	20190408	Sunny	Moderate	Mid-Ebb	B	4.2	14:20	10.77	8.45	31.12	27.2	2.32	7	112	0.118	SE
B4	20190408	Sunny	Moderate	Mid-Ebb	B	4.2	14:20	10.95	8.58	30.12	27.2	2.31	7	112	0.163	SE
B4	20190408	Sunny	Moderate	Mid-Ebb	S	1	14:21	10.56	8.46	33.3	27.1	2.39	7	112	0.068	SE
B4	20190408	Sunny	Moderate	Mid-Ebb	S	1	14:21	10.31	8.39	30.96	27.1	2.4	7	112	0.245	E
C1	20190408	Sunny	Moderate	Mid-Ebb	B	8.4	12:29	11.99	8.55	30.45	27.1	3.14	5	113	0.129	SE
C1	20190408	Sunny	Moderate	Mid-Ebb	B	8.4	12:29	12.33	8.64	33.06	27.1	3.23	5	112	0.217	SE
C1	20190408	Sunny	Moderate	Mid-Ebb	M	4.7	12:30	12.29	8.87	28.68	27.3	3.09	5	112	0.244	SE
C1	20190408	Sunny	Moderate	Mid-Ebb	M	4.7	12:30	12.51	8.72	28.18	27.2	2.98	6	112	0.166	SE
C1	20190408	Sunny	Moderate	Mid-Ebb	S	1	12:31	12.6	8.75	29.35	27.3	2.99	7	111	0.115	E
C1	20190408	Sunny	Moderate	Mid-Ebb	S	1	12:31	12.56	9	28.19	27.1	3.09	7	112	0.262	SE
C2	20190408	Sunny	Moderate	Mid-Ebb	B	7.2	13:26	9.99	8.74	33.08	27.3	3.21	9	111	0.058	SE
C2	20190408	Sunny	Moderate	Mid-Ebb	B	7.2	13:26	10.05	8.89	27.4	27.2	3.23	8	111	0.08	E
C2	20190408	Sunny	Moderate	Mid-Ebb	M	4.1	13:27	9.73	8.38	31.43	27.2	3.12	4	112	0.156	SE
C2	20190408	Sunny	Moderate	Mid-Ebb	M	4.1	13:27	9.35	8.59	28.62	27.2	3.26	4	111	0.266	E

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

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
C2	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:28	9.57	8.92	27.73	27.3	3.11	4	112	0.269	SE
C2	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:28	9.95	9.03	28.32	27.2	3.05	4	112	0.154	SE
F1	20190408	Sunny	Moderate	Mid-Ebb	B	7.1	12:31	10.88	8.9	27.86	27.2	1.77	5	113	0.222	SE
F1	20190408	Sunny	Moderate	Mid-Ebb	B	7.1	12:31	11.18	8.89	31.62	27.3	1.65	5	112	0.061	SE
F1	20190408	Sunny	Moderate	Mid-Ebb	M	4.1	12:32	11.24	8.33	29.45	27.1	1.57	5	112	0.118	SE
F1	20190408	Sunny	Moderate	Mid-Ebb	M	4.1	12:32	11.09	8.71	30.59	27.3	1.69	5	112	0.153	SE
F1	20190408	Sunny	Moderate	Mid-Ebb	S	1	12:33	11.46	8.97	30.71	27.2	1.71	4	112	0.239	E
F1	20190408	Sunny	Moderate	Mid-Ebb	S	1	12:33	11.35	8.83	27.52	27.2	1.66	4	112	0.269	E
H1	20190408	Sunny	Moderate	Mid-Ebb	B	6.6	13:51	12.55	8.49	32.64	27.1	3.09	7	112	0.052	E
H1	20190408	Sunny	Moderate	Mid-Ebb	B	6.6	13:51	12.77	8.78	27.31	27.1	3.11	6	112	0.27	SE
H1	20190408	Sunny	Moderate	Mid-Ebb	M	3.8	13:52	12.54	8.83	29.95	27.2	3.11	9	112	0.258	SE
H1	20190408	Sunny	Moderate	Mid-Ebb	M	3.8	13:52	12.71	8.3	30.86	27.2	3.26	10	112	0.165	SE
H1	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:53	12.69	8.56	28.35	27.3	3.29	11	113	0.152	SE
H1	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:53	13.04	8.64	28.02	27.2	3.38	11	112	0.255	SE
M1	20190408	Sunny	Moderate	Mid-Ebb	B	8.3	12:59	10.45	8.63	32.72	27.1	2.63	5	112	0.143	SE
M1	20190408	Sunny	Moderate	Mid-Ebb	B	8.3	12:59	10.32	8.94	28.53	27.1	2.74	4	111	0.261	E
M1	20190408	Sunny	Moderate	Mid-Ebb	M	4.7	13:00	10.27	8.84	28.53	27.3	2.83	5	112	0.199	SE
M1	20190408	Sunny	Moderate	Mid-Ebb	M	4.7	13:00	9.88	8.79	31.19	27.2	2.85	6	112	0.206	SE
M1	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:01	9.54	9	30.48	27.3	2.85	2	112	0.256	E
M1	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:01	9.75	8.6	32.98	27.2	2.86	4	112	0.151	SE
CR1	20190408	Sunny	Moderate	Mid-Ebb	B	11.5	14:05	11.28	8.39	32.46	27.3	1.73	4	112	0.118	SE
CR1	20190408	Sunny	Moderate	Mid-Ebb	B	11.5	14:05	11.25	8.34	30.53	27.3	1.73	5	111	0.183	SE
CR1	20190408	Sunny	Moderate	Mid-Ebb	M	6.3	14:06	11.6	8.99	28.33	27.1	1.8	3	111	0.161	E
CR1	20190408	Sunny	Moderate	Mid-Ebb	M	6.3	14:06	11.27	8.86	31.17	27.3	1.73	3	112	0.177	SE
CR1	20190408	Sunny	Moderate	Mid-Ebb	S	1	14:07	11.59	8.38	31.73	27.3	1.86	4	112	0.155	SE
CR1	20190408	Sunny	Moderate	Mid-Ebb	S	1	14:07	11.36	8.87	32.61	27.2	1.92	4	111	0.274	SE
CR2	20190408	Sunny	Moderate	Mid-Ebb	B	9.8	13:52	12.52	8.85	32.78	27.2	1.9	5	112	0.239	SE
CR2	20190408	Sunny	Moderate	Mid-Ebb	B	9.8	13:52	12.27	8.83	30.67	27.2	1.81	4	112	0.279	SE
CR2	20190408	Sunny	Moderate	Mid-Ebb	M	5.4	13:53	12.61	8.5	28.92	27.2	1.67	4	112	0.191	SE
CR2	20190408	Sunny	Moderate	Mid-Ebb	M	5.4	13:53	12.7	8.76	31.01	27.2	1.81	3	112	0.095	SE
CR2	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:54	12.9	8.36	27.38	27.1	1.77	5	111	0.282	SE
CR2	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:54	13.27	8.77	31.37	27.1	1.75	4	112	0.253	SE

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

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
S1	20190408	Sunny	Moderate	Mid-Ebb	B	4	13:01	9.96	8.55	31.39	27.2	2.26	3	111	0.164	SE
S1	20190408	Sunny	Moderate	Mid-Ebb	B	4	13:01	10.07	8.35	31.63	27.3	2.32	3	112	0.111	SE
S1	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:02	10.22	8.38	28.88	27.3	2.2	5	112	0.156	SE
S1	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:02	10.3	8.47	31.36	27.2	2.34	6	112	0.238	SE
S2	20190408	Sunny	Moderate	Mid-Ebb	B	8	13:29	11.42	8.6	30.83	27.3	2.98	4	112	0.189	SE
S2	20190408	Sunny	Moderate	Mid-Ebb	B	8	13:29	11.68	8.73	33.43	27.2	3.12	3	112	0.15	E
S2	20190408	Sunny	Moderate	Mid-Ebb	M	4.5	13:30	11.91	8.49	31.34	27.2	3.27	5	112	0.184	SE
S2	20190408	Sunny	Moderate	Mid-Ebb	M	4.5	13:30	11.74	8.84	30.99	27.3	3.21	5	112	0.101	SE
S2	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:31	11.72	9.03	28.39	27.2	3.25	4	112	0.104	SE
S2	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:31	11.61	8.77	32.71	27.2	3.25	5	111	0.176	E
S3	20190408	Sunny	Moderate	Mid-Ebb	B	6.9	13:41	11.94	8.4	32.97	27.2	2.44	5	112	0.127	SE
S3	20190408	Sunny	Moderate	Mid-Ebb	B	6.9	13:41	12.1	8.82	31.15	27.1	2.32	4	112	0.264	SE
S3	20190408	Sunny	Moderate	Mid-Ebb	M	4	13:42	11.73	8.92	32.98	27.1	2.27	4	112	0.186	SE
S3	20190408	Sunny	Moderate	Mid-Ebb	M	4	13:42	12.11	8.42	28.21	27.1	2.23	3	112	0.106	SE
S3	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:43	11.77	8.83	31.45	27.1	2.15	4	112	0.258	SE
S3	20190408	Sunny	Moderate	Mid-Ebb	S	1	13:43	11.84	8.58	28.5	27.1	2.15	4	113	0.216	E
B1	20190410	Sunny	Light	Mid-Flood	B	5.5	10:51	9.74	8.99	28.53	24.2	2.59	5	109	0.151	W
B1	20190410	Sunny	Light	Mid-Flood	B	5.5	10:51	9.62	9.04	31.56	24.2	2.67	4	110	0.203	SW
B1	20190410	Sunny	Light	Mid-Flood	S	1	10:52	9.47	8.56	30.61	24.2	2.62	3	110	0.222	W
B1	20190410	Sunny	Light	Mid-Flood	S	1	10:52	9.33	8.9	29.83	24.3	2.54	3	109	0.197	W
B2	20190410	Sunny	Light	Mid-Flood	B	5.1	11:13	12.55	8.64	29.46	24.1	3.21	5	110	0.134	W
B2	20190410	Sunny	Light	Mid-Flood	B	5.1	11:13	12.54	8.3	29.23	24.3	3.3	5	110	0.166	W
B2	20190410	Sunny	Light	Mid-Flood	S	1	11:14	12.68	8.88	32.75	24.1	3.26	4	110	0.198	W
B2	20190410	Sunny	Light	Mid-Flood	S	1	11:14	12.83	8.41	30.99	24.2	3.35	5	109	0.19	SW
B3	20190410	Sunny	Light	Mid-Flood	B	4.5	9:51	10.46	8.76	28.31	24.3	3.55	4	109	0.218	W
B3	20190410	Sunny	Light	Mid-Flood	B	4.5	9:51	10.43	8.7	28.24	24.2	3.63	4	109	0.191	W
B3	20190410	Sunny	Light	Mid-Flood	S	1	9:52	10.59	8.42	32.93	24.2	3.64	5	111	0.204	W
B3	20190410	Sunny	Light	Mid-Flood	S	1	9:52	10.57	8.96	30.3	24.3	3.68	5	109	0.124	SW
B4	20190410	Sunny	Light	Mid-Flood	B	5.2	10:03	12.72	9.01	31.74	24.1	3.39	7	110	0.234	W
B4	20190410	Sunny	Light	Mid-Flood	B	5.2	10:03	12.57	8.53	31.64	24.2	3.45	6	110	0.227	W
B4	20190410	Sunny	Light	Mid-Flood	S	1	10:04	12.67	8.5	30.58	24.1	3.54	4	110	0.148	W
B4	20190410	Sunny	Light	Mid-Flood	S	1	10:04	12.8	8.36	29.78	24.2	3.49	4	109	0.22	W

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
C1	20190410	Sunny	Light	Mid-Flood	B	9.9	10:12	11.83	8.33	31.09	24.1	2.59	3	109	0.241	NW
C1	20190410	Sunny	Light	Mid-Flood	B	9.9	10:12	11.89	8.58	31.11	24.3	2.53	4	110	0.175	W
C1	20190410	Sunny	Light	Mid-Flood	M	5.45	10:13	11.77	9.04	27.95	24.2	2.59	5	110	0.152	SW
C1	20190410	Sunny	Light	Mid-Flood	M	5.45	10:13	11.87	8.69	32.97	24.2	2.56	4	110	0.181	SW
C1	20190410	Sunny	Light	Mid-Flood	S	1	10:14	11.91	8.99	30.39	24.3	2.46	6	110	0.168	W
C1	20190410	Sunny	Light	Mid-Flood	S	1	10:14	12.05	8.55	28.5	24.1	2.49	7	110	0.276	W
C2	20190410	Sunny	Light	Mid-Flood	B	7.5	9:09	11.9	8.35	31.77	24.2	3.85	6	110	0.166	W
C2	20190410	Sunny	Light	Mid-Flood	B	7.5	9:09	11.95	8.36	30.52	24.3	3.9	5	109	0.269	W
C2	20190410	Sunny	Light	Mid-Flood	M	4.25	9:10	12.12	8.37	32.7	24.1	3.81	4	110	0.229	SW
C2	20190410	Sunny	Light	Mid-Flood	M	4.25	9:10	12.08	8.69	30.69	24.2	3.83	4	108	0.157	W
C2	20190410	Sunny	Light	Mid-Flood	S	1	9:11	12.16	8.4	29.4	24.1	3.87	5	110	0.237	W
C2	20190410	Sunny	Light	Mid-Flood	S	1	9:11	12.25	8.85	30.93	24.2	3.93	5	109	0.161	W
F1	20190410	Sunny	Light	Mid-Flood	B	7.2	10:29	11.13	8.82	32.16	24.2	3.49	6	110	0.288	W
F1	20190410	Sunny	Light	Mid-Flood	B	7.2	10:29	10.94	9.03	32.09	24.2	3.51	6	109	0.255	W
F1	20190410	Sunny	Light	Mid-Flood	M	4.1	10:30	10.9	8.34	30.7	24.2	3.61	6	109	0.144	W
F1	20190410	Sunny	Light	Mid-Flood	M	4.1	10:30	11.06	8.68	29.59	24.1	3.54	7	110	0.206	W
F1	20190410	Sunny	Light	Mid-Flood	S	1	10:31	11.2	8.74	30.5	24.3	3.55	4	109	0.173	W
F1	20190410	Sunny	Light	Mid-Flood	S	1	10:31	11.07	9.01	27.51	24.1	3.65	4	110	0.163	W
H1	20190410	Sunny	Light	Mid-Flood	B	7	9:32	10.45	8.51	27.48	24.2	2.59	6	110	0.253	NW
H1	20190410	Sunny	Light	Mid-Flood	B	7	9:32	10.59	8.92	30.14	24.2	2.67	5	109	0.238	W
H1	20190410	Sunny	Light	Mid-Flood	M	4	9:33	10.74	8.61	33.1	24.2	2.62	8	110	0.289	SW
H1	20190410	Sunny	Light	Mid-Flood	M	4	9:33	10.9	8.5	31.08	24.2	2.63	8	110	0.207	NW
H1	20190410	Sunny	Light	Mid-Flood	S	1	9:34	10.76	9	30.48	24.2	2.62	7	109	0.238	NW
H1	20190410	Sunny	Light	Mid-Flood	S	1	9:34	10.94	8.78	31.13	24.3	2.6	8	110	0.22	SW
M1	20190410	Sunny	Light	Mid-Flood	B	9.2	11:06	11.48	8.77	28.36	24.2	3.55	4	109	0.269	SW
M1	20190410	Sunny	Light	Mid-Flood	B	9.2	11:06	11.53	8.76	30.23	24.3	3.49	4	109	0.196	SW
M1	20190410	Sunny	Light	Mid-Flood	M	5.1	11:07	11.68	8.8	29.76	24.3	3.44	5	109	0.125	W
M1	20190410	Sunny	Light	Mid-Flood	M	5.1	11:07	11.71	8.94	28.27	24.1	3.34	6	109	0.27	NW
M1	20190410	Sunny	Light	Mid-Flood	S	1	11:08	11.73	8.48	32.6	24.3	3.41	6	109	0.127	W
M1	20190410	Sunny	Light	Mid-Flood	S	1	11:08	11.82	8.88	29.71	24.1	3.45	6	109	0.161	NW
CR1	20190410	Sunny	Light	Mid-Flood	B	11.1	9:23	12.24	8.83	27.79	24.2	2.35	6	109	0.159	SW
CR1	20190410	Sunny	Light	Mid-Flood	B	11.1	9:23	12.39	8.62	32.51	24.3	2.44	5	109	0.251	W

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

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
CR1	20190410	Sunny	Light	Mid-Flood	M	6.05	9:24	12.45	8.54	30.09	24.2	2.34	6	108	0.261	W
CR1	20190410	Sunny	Light	Mid-Flood	M	6.05	9:24	12.6	8.5	29.36	24.1	2.3	6	109	0.147	W
CR1	20190410	Sunny	Light	Mid-Flood	S	1	9:25	12.58	9	33.42	24.1	2.23	6	109	0.185	W
CR1	20190410	Sunny	Light	Mid-Flood	S	1	9:25	12.58	9.04	30.98	24.2	2.26	6	109	0.24	NW
CR2	20190410	Sunny	Light	Mid-Flood	B	10.7	9:36	11.39	8.97	30.7	24.1	1.91	5	109	0.248	NW
CR2	20190410	Sunny	Light	Mid-Flood	B	10.7	9:36	11.19	8.78	30.03	24.2	1.98	4	108	0.263	NW
CR2	20190410	Sunny	Light	Mid-Flood	M	5.85	9:37	11.15	8.59	29.45	24.1	2.07	5	110	0.251	W
CR2	20190410	Sunny	Light	Mid-Flood	M	5.85	9:37	11.28	8.53	28.64	24.1	2.01	6	110	0.261	NW
CR2	20190410	Sunny	Light	Mid-Flood	S	1	9:38	11.34	8.8	31.69	24.3	2.04	6	110	0.225	W
CR2	20190410	Sunny	Light	Mid-Flood	S	1	9:38	11.26	8.33	29.5	24.3	2.1	5	109	0.165	W
S1	20190410	Sunny	Light	Mid-Flood	B	4.2	11:02	10.09	8.71	31.65	24.2	2.14	4	110	0.129	W
S1	20190410	Sunny	Light	Mid-Flood	B	4.2	11:02	9.94	8.57	31.73	24.1	2.19	4	109	0.134	W
S1	20190410	Sunny	Light	Mid-Flood	S	1	11:03	9.82	8.64	30.36	24.1	2.14	6	111	0.174	W
S1	20190410	Sunny	Light	Mid-Flood	S	1	11:03	9.87	8.67	28.08	24.3	2.09	6	109	0.219	W
S2	20190410	Sunny	Light	Mid-Flood	B	8.5	11:28	12.74	8.71	30.27	24.2	3.23	4	110	0.15	W
S2	20190410	Sunny	Light	Mid-Flood	B	8.5	11:28	12.74	9	30.97	24.2	3.31	5	110	0.122	W
S2	20190410	Sunny	Light	Mid-Flood	M	4.75	11:29	12.78	8.39	30.02	24.3	3.4	5	110	0.232	W
S2	20190410	Sunny	Light	Mid-Flood	M	4.75	11:29	12.75	8.87	27.77	24.3	3.3	4	108	0.234	NW
S2	20190410	Sunny	Light	Mid-Flood	S	1	11:30	12.7	8.71	29.22	24.3	3.34	5	111	0.226	W
S2	20190410	Sunny	Light	Mid-Flood	S	1	11:30	12.57	8.56	30.19	24.1	3.28	6	110	0.292	NW
S3	20190410	Sunny	Light	Mid-Flood	B	7.5	9:51	10.59	8.75	31.05	24.1	3.91	5	109	0.273	SW
S3	20190410	Sunny	Light	Mid-Flood	B	7.5	9:51	10.51	8.32	29.54	24.3	3.82	5	109	0.292	SW
S3	20190410	Sunny	Light	Mid-Flood	M	4.25	9:52	10.5	8.45	28.69	24.3	3.79	4	109	0.282	W
S3	20190410	Sunny	Light	Mid-Flood	M	4.25	9:52	10.34	8.3	27.6	24.2	3.89	5	109	0.155	SW
S3	20190410	Sunny	Light	Mid-Flood	S	1	9:53	10.15	8.49	27.47	24.1	3.94	3	110	0.26	W
S3	20190410	Sunny	Light	Mid-Flood	S	1	9:53	10.17	8.44	28.35	24.3	4	3	109	0.229	W
B1	20190410	Sunny	Light	Mid-Ebb	B	4.6	14:02	9.84	8.35	28.09	27.7	2.52	3	109	0.161	E
B1	20190410	Sunny	Light	Mid-Ebb	B	4.6	14:02	9.64	8.36	32.58	27.7	2.5	3	110	0.225	SE
B1	20190410	Sunny	Light	Mid-Ebb	S	1	14:03	9.76	8.71	29.08	27.8	2.48	<2	110	0.102	SE
B1	20190410	Sunny	Light	Mid-Ebb	S	1	14:03	9.75	8.51	31.58	27.6	2.46	<2	108	0.133	E
B2	20190410	Sunny	Light	Mid-Ebb	B	4.3	14:20	10.31	8.88	27.75	27.7	3.66	3	108	0.086	S
B2	20190410	Sunny	Light	Mid-Ebb	B	4.3	14:20	10.46	8.39	28.52	27.7	3.7	3	109	0.117	E

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

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
B2	20190410	Sunny	Light	Mid-Ebb	S	1	14:21	10.37	8.87	31.12	27.8	3.62	3	110	0.232	E
B2	20190410	Sunny	Light	Mid-Ebb	S	1	14:21	10.42	8.94	27.49	27.7	3.59	3	109	0.181	S
B3	20190410	Sunny	Light	Mid-Ebb	B	4.6	13:56	12.68	8.88	30.89	27.8	2.58	2	108	0.194	SE
B3	20190410	Sunny	Light	Mid-Ebb	B	4.6	13:56	12.48	8.63	27.94	27.7	2.68	2	109	0.235	SE
B3	20190410	Sunny	Light	Mid-Ebb	S	1	13:57	12.33	8.52	30.74	27.8	2.77	3	109	0.158	E
B3	20190410	Sunny	Light	Mid-Ebb	S	1	13:57	12.45	8.52	32.77	27.8	2.77	2	110	0.229	S
B4	20190410	Sunny	Light	Mid-Ebb	B	4.9	14:09	11.65	8.73	28.45	27.6	3.63	2	109	0.089	SE
B4	20190410	Sunny	Light	Mid-Ebb	B	4.9	14:09	11.84	8.59	31.98	27.7	3.63	3	110	0.183	S
B4	20190410	Sunny	Light	Mid-Ebb	S	1	14:10	11.91	8.69	27.92	27.7	3.56	3	109	0.171	E
B4	20190410	Sunny	Light	Mid-Ebb	S	1	14:10	12.08	8.39	31.53	27.6	3.52	2	110	0.082	SE
C1	20190410	Sunny	Light	Mid-Ebb	B	9.5	13:26	10.12	8.5	30.59	27.7	3.61	4	110	0.153	SE
C1	20190410	Sunny	Light	Mid-Ebb	B	9.5	13:26	10.04	8.79	31.53	27.8	3.53	3	109	0.076	E
C1	20190410	Sunny	Light	Mid-Ebb	M	5.25	13:27	9.95	8.36	33.24	27.7	3.61	4	109	0.164	SE
C1	20190410	Sunny	Light	Mid-Ebb	M	5.25	13:27	9.94	8.9	33.19	27.7	3.54	4	109	0.207	SE
C1	20190410	Sunny	Light	Mid-Ebb	S	1	13:28	9.89	8.45	29.93	27.7	3.58	4	109	0.09	E
C1	20190410	Sunny	Light	Mid-Ebb	S	1	13:28	9.78	8.67	28.84	27.7	3.53	4	110	0.237	S
C2	20190410	Sunny	Light	Mid-Ebb	B	6.8	15:47	10.72	8.41	30.8	27.6	1.94	4	108	0.137	S
C2	20190410	Sunny	Light	Mid-Ebb	B	6.8	15:47	10.9	8.93	28.62	27.8	2.04	4	109	0.176	SE
C2	20190410	Sunny	Light	Mid-Ebb	M	3.9	15:48	11.06	8.54	33.23	27.6	2.09	3	108	0.188	E
C2	20190410	Sunny	Light	Mid-Ebb	M	3.9	15:48	11.11	8.63	29.15	27.7	2.06	4	109	0.115	SE
C2	20190410	Sunny	Light	Mid-Ebb	S	1	15:49	11.3	8.72	33.33	27.7	2.1	4	109	0.193	SE
C2	20190410	Sunny	Light	Mid-Ebb	S	1	15:49	11.5	8.48	33.28	27.6	2.14	3	109	0.096	SE
F1	20190410	Sunny	Light	Mid-Ebb	B	6.4	14:41	9.95	8.94	29.13	27.7	2.19	6	109	0.086	S
F1	20190410	Sunny	Light	Mid-Ebb	B	6.4	14:41	10	8.39	31.46	27.8	2.2	6	110	0.105	SE
F1	20190410	Sunny	Light	Mid-Ebb	M	3.7	14:42	10.18	8.67	30.03	27.8	2.14	5	109	0.179	E
F1	20190410	Sunny	Light	Mid-Ebb	M	3.7	14:42	10.02	8.75	27.79	27.7	2.19	6	110	0.077	E
F1	20190410	Sunny	Light	Mid-Ebb	S	1	14:43	10.18	8.32	29.25	27.6	2.18	5	109	0.088	E
F1	20190410	Sunny	Light	Mid-Ebb	S	1	14:43	10.15	8.83	31.86	27.7	2.28	5	108	0.125	SE
H1	20190410	Sunny	Light	Mid-Ebb	B	6.5	13:37	10.76	8.53	32.46	27.7	2.31	5	110	0.195	SE
H1	20190410	Sunny	Light	Mid-Ebb	B	6.5	13:37	10.85	8.78	27.59	27.8	2.41	4	109	0.225	E
H1	20190410	Sunny	Light	Mid-Ebb	M	3.75	13:38	10.95	8.69	31.51	27.7	2.32	4	110	0.107	SE
H1	20190410	Sunny	Light	Mid-Ebb	M	3.75	13:38	11.13	8.99	31.96	27.7	2.24	5	110	0.181	SE

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

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
H1	20190410	Sunny	Light	Mid-Ebb	S	1	13:39	11.3	8.47	27.74	27.7	2.24	4	109	0.178	SE
H1	20190410	Sunny	Light	Mid-Ebb	S	1	13:39	11.16	8.97	32.61	27.7	2.14	5	110	0.133	SE
M1	20190410	Sunny	Light	Mid-Ebb	B	7.9	15:15	12.33	8.3	30.5	27.7	3.22	4	109	0.135	S
M1	20190410	Sunny	Light	Mid-Ebb	B	7.9	15:15	12.28	8.41	30.43	27.7	3.27	4	109	0.116	E
M1	20190410	Sunny	Light	Mid-Ebb	M	4.45	15:16	12.34	8.95	33.41	27.8	3.37	4	109	0.211	S
M1	20190410	Sunny	Light	Mid-Ebb	M	4.45	15:16	12.25	8.59	31.9	27.7	3.46	4	109	0.232	SE
M1	20190410	Sunny	Light	Mid-Ebb	S	1	15:17	12.35	8.49	30.34	27.7	3.4	4	109	0.141	E
M1	20190410	Sunny	Light	Mid-Ebb	S	1	15:17	12.41	8.47	30.65	27.6	3.32	3	109	0.198	SE
CR1	20190410	Sunny	Light	Mid-Ebb	B	11.7	15:20	11.66	8.75	30.75	27.6	3.98	5	109	0.093	S
CR1	20190410	Sunny	Light	Mid-Ebb	B	11.7	15:20	11.76	8.97	32.82	27.7	4.01	5	109	0.223	E
CR1	20190410	Sunny	Light	Mid-Ebb	M	6.35	15:21	11.56	8.8	29.63	27.8	3.92	4	109	0.153	SE
CR1	20190410	Sunny	Light	Mid-Ebb	M	6.35	15:21	11.75	8.34	30.4	27.7	3.88	6	109	0.159	E
CR1	20190410	Sunny	Light	Mid-Ebb	S	1	15:22	11.64	8.6	30.44	27.8	3.78	7	109	0.243	SE
CR1	20190410	Sunny	Light	Mid-Ebb	S	1	15:22	11.49	8.36	28.3	27.8	3.77	7	109	0.198	SE
CR2	20190410	Sunny	Light	Mid-Ebb	B	9.4	14:52	12.62	8.81	27.54	27.7	1.8	4	108	0.251	SE
CR2	20190410	Sunny	Light	Mid-Ebb	B	9.4	14:52	12.61	8.78	32.51	27.8	1.76	4	109	0.229	S
CR2	20190410	Sunny	Light	Mid-Ebb	M	5.2	14:53	12.42	8.34	29.23	27.8	1.71	3	109	0.169	SE
CR2	20190410	Sunny	Light	Mid-Ebb	M	5.2	14:53	12.34	8.41	28.85	27.7	1.72	3	108	0.174	S
CR2	20190410	Sunny	Light	Mid-Ebb	S	1	14:54	12.43	9.02	31.88	27.6	1.73	3	108	0.167	E
CR2	20190410	Sunny	Light	Mid-Ebb	S	1	14:54	12.59	8.84	28.69	27.7	1.68	3	109	0.088	SE
S1	20190410	Sunny	Light	Mid-Ebb	B	4.2	14:12	10.23	8.43	29.35	27.7	2.91	6	109	0.25	S
S1	20190410	Sunny	Light	Mid-Ebb	B	4.2	14:12	10.11	8.68	29.58	27.6	2.89	6	110	0.127	SE
S1	20190410	Sunny	Light	Mid-Ebb	S	1	14:13	10.25	8.68	31.66	27.8	2.84	6	109	0.192	E
S1	20190410	Sunny	Light	Mid-Ebb	S	1	14:13	10.11	8.3	33	27.7	2.8	5	110	0.15	E
S2	20190410	Sunny	Light	Mid-Ebb	B	8	14:28	10.21	8.38	32.07	27.7	2.81	5	109	0.099	E
S2	20190410	Sunny	Light	Mid-Ebb	B	8	14:28	10.31	9	29.01	27.8	2.75	4	109	0.246	S
S2	20190410	Sunny	Light	Mid-Ebb	M	4.5	14:29	10.35	8.98	28.54	27.6	2.85	4	109	0.127	SE
S2	20190410	Sunny	Light	Mid-Ebb	M	4.5	14:29	10.5	8.51	29.84	27.8	2.76	5	110	0.184	SE
S2	20190410	Sunny	Light	Mid-Ebb	S	1	14:30	10.37	9.04	32.47	27.6	2.7	4	109	0.151	SE
S2	20190410	Sunny	Light	Mid-Ebb	S	1	14:30	10.42	8.81	28.82	27.6	2.74	3	110	0.147	S
S3	20190410	Sunny	Light	Mid-Ebb	B	7.1	15:01	9.89	8.81	33.05	27.7	2.21	4	109	0.179	S
S3	20190410	Sunny	Light	Mid-Ebb	B	7.1	15:01	9.76	8.3	29.22	27.8	2.17	5	110	0.221	SE

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
S3	20190410	Sunny	Light	Mid-Ebb	M	4.05	15:02	9.81	8.85	30.72	27.7	2.13	4	110	0.238	E
S3	20190410	Sunny	Light	Mid-Ebb	M	4.05	15:02	9.8	8.43	31.04	27.7	2.03	4	109	0.207	E
S3	20190410	Sunny	Light	Mid-Ebb	S	1	15:03	9.67	8.95	31.15	27.7	2.04	3	109	0.109	S
S3	20190410	Sunny	Light	Mid-Ebb	S	1	15:03	9.73	8.31	30.83	27.8	2.11	4	109	0.093	SE
B1	20190412	Cloudy	Fresh	Mid-Flood	B	4.6	10:21	12.37	8.36	28.88	21.1	2.62	6	109	0.143	NW
B1	20190412	Cloudy	Fresh	Mid-Flood	B	4.6	10:21	12.76	8.89	27.61	21	2.68	6	110	0.145	NW
B1	20190412	Cloudy	Fresh	Mid-Flood	S	1	10:22	13.43	8.43	31.42	21.1	2.66	5	104	0.235	W
B1	20190412	Cloudy	Fresh	Mid-Flood	S	1	10:22	13.07	8.42	30.31	21.1	2.61	6	109	0.153	W
B2	20190412	Cloudy	Fresh	Mid-Flood	B	5.1	10:51	13.86	8.92	28.07	21.1	2.29	4	109	0.217	W
B2	20190412	Cloudy	Fresh	Mid-Flood	B	5.1	10:51	12.49	8.79	32.25	21	2.35	5	110	0.218	NW
B2	20190412	Cloudy	Fresh	Mid-Flood	S	1	10:52	12.34	8.84	30.16	21.1	2.26	6	106	0.143	W
B2	20190412	Cloudy	Fresh	Mid-Flood	S	1	10:52	12.84	8.48	27.93	21.2	2.16	6	109	0.189	W
B3	20190412	Cloudy	Fresh	Mid-Flood	B	4.9	9:34	13.49	8.95	32.38	21.2	2.36	4	109	0.218	NW
B3	20190412	Cloudy	Fresh	Mid-Flood	B	4.9	9:34	13.52	8.53	29.4	21.1	2.36	4	107	0.23	W
B3	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:35	13.75	8.86	31.39	21.2	2.26	4	106	0.221	W
B3	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:35	12.76	8.49	32.52	21.2	2.19	4	109	0.139	W
B4	20190412	Cloudy	Fresh	Mid-Flood	B	5.1	9:45	13.91	8.38	31.92	21	3.42	4	109	0.232	W
B4	20190412	Cloudy	Fresh	Mid-Flood	B	5.1	9:45	13.59	8.59	30.26	21.1	3.46	4	106	0.238	W
B4	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:46	13.84	8.73	31.89	21	3.44	6	109	0.218	W
B4	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:46	12.48	8.32	29.51	21	3.48	6	109	0.221	W
C1	20190412	Cloudy	Fresh	Mid-Flood	B	9.7	9:56	13.85	8.92	29.84	21.1	3.76	6	109	0.22	W
C1	20190412	Cloudy	Fresh	Mid-Flood	B	9.7	9:56	13.8	8.94	30.31	21	3.8	6	106	0.221	W
C1	20190412	Cloudy	Fresh	Mid-Flood	M	5.4	9:57	12.35	8.92	30.01	21	3.83	6	106	0.134	NW
C1	20190412	Cloudy	Fresh	Mid-Flood	M	5.4	9:57	13.7	8.91	29.21	21.1	3.83	5	109	0.133	W
C1	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:58	11.94	8.99	32.05	21.1	3.91	6	108	0.184	W
C1	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:58	12.53	8.77	32.1	21	3.98	6	109	0.262	W
C2	20190412	Cloudy	Fresh	Mid-Flood	B	7.9	8:53	13.43	8.32	28.1	21.1	2.83	6	109	0.147	NW
C2	20190412	Cloudy	Fresh	Mid-Flood	B	7.9	8:53	13	8.99	31.07	21.2	2.81	6	107	0.263	W
C2	20190412	Cloudy	Fresh	Mid-Flood	M	4.5	8:54	13.71	8.54	30.38	21	2.85	7	109	0.16	W
C2	20190412	Cloudy	Fresh	Mid-Flood	M	4.5	8:54	13.53	8.48	31.73	21.2	2.78	6	106	0.242	W
C2	20190412	Cloudy	Fresh	Mid-Flood	S	1	8:55	13.18	8.59	29.5	21	2.84	6	109	0.221	W
C2	20190412	Cloudy	Fresh	Mid-Flood	S	1	8:55	12.12	8.35	29.41	21	2.87	6	106	0.203	W

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
F1	20190412	Cloudy	Fresh	Mid-Flood	B	7.4	10:15	12.2	8.86	31.68	21.2	2.62	5	106	0.248	NW
F1	20190412	Cloudy	Fresh	Mid-Flood	B	7.4	10:15	11.95	8.38	30.14	21.2	2.57	4	106	0.133	NW
F1	20190412	Cloudy	Fresh	Mid-Flood	M	4.2	10:16	12.8	8.96	30.62	21.1	2.58	4	109	0.251	W
F1	20190412	Cloudy	Fresh	Mid-Flood	M	4.2	10:16	12.13	8.86	31.9	21.2	2.51	5	108	0.171	W
F1	20190412	Cloudy	Fresh	Mid-Flood	S	1	10:17	12.05	8.76	29.89	21.2	2.52	3	109	0.175	W
F1	20190412	Cloudy	Fresh	Mid-Flood	S	1	10:17	13.54	8.87	32.56	21	2.45	2	106	0.261	W
H1	20190412	Cloudy	Fresh	Mid-Flood	B	6.9	9:17	13.71	8.62	31.57	21.2	3.33	6	109	0.258	W
H1	20190412	Cloudy	Fresh	Mid-Flood	B	6.9	9:17	13.11	8.34	30.8	21.2	3.34	6	108	0.196	NW
H1	20190412	Cloudy	Fresh	Mid-Flood	M	4	9:18	12.06	8.42	27.84	21	3.29	7	109	0.171	W
H1	20190412	Cloudy	Fresh	Mid-Flood	M	4	9:18	13.2	8.63	27.85	21	3.37	6	109	0.206	W
H1	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:19	13.23	8.43	31.34	21.2	3.35	7	107	0.204	W
H1	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:19	13.13	8.44	33.21	21.2	3.3	6	107	0.135	W
M1	20190412	Cloudy	Fresh	Mid-Flood	B	8.4	10:53	12.74	8.67	33.25	21	2.63	8	107	0.153	W
M1	20190412	Cloudy	Fresh	Mid-Flood	B	8.4	10:53	13.35	8.44	28.29	21.1	2.72	8	108	0.202	W
M1	20190412	Cloudy	Fresh	Mid-Flood	M	4.7	10:54	13.01	8.55	28.7	21.2	2.79	6	109	0.201	W
M1	20190412	Cloudy	Fresh	Mid-Flood	M	4.7	10:54	12.12	8.35	28.89	21	2.86	8	106	0.185	W
M1	20190412	Cloudy	Fresh	Mid-Flood	S	1	10:55	11.95	8.57	29.31	21.1	2.79	6	107	0.137	W
M1	20190412	Cloudy	Fresh	Mid-Flood	S	1	10:55	12.3	8.84	30.92	21.2	2.76	8	108	0.159	W
CR1	20190412	Cloudy	Fresh	Mid-Flood	B	12	9:05	12.16	8.43	30.87	21.2	3.6	5	109	0.156	W
CR1	20190412	Cloudy	Fresh	Mid-Flood	B	12	9:05	12.43	8.31	31.34	21	3.6	4	108	0.149	W
CR1	20190412	Cloudy	Fresh	Mid-Flood	M	6.5	9:06	13.17	8.37	27.81	21.1	3.5	3	109	0.253	W
CR1	20190412	Cloudy	Fresh	Mid-Flood	M	6.5	9:06	13.51	8.8	31.56	21.1	3.4	3	109	0.216	NW
CR1	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:07	12.64	8.4	32.03	21.1	3.41	4	107	0.223	W
CR1	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:07	12.2	8.46	28.29	21.1	3.4	4	109	0.176	NW
CR2	20190412	Cloudy	Fresh	Mid-Flood	B	10.6	9:19	12.42	8.96	29.91	21.2	2.5	5	108	0.25	W
CR2	20190412	Cloudy	Fresh	Mid-Flood	B	10.6	9:19	13.64	8.73	27.56	21.1	2.4	4	106	0.198	W
CR2	20190412	Cloudy	Fresh	Mid-Flood	M	5.8	9:20	12.99	8.3	32.56	21	2.47	4	108	0.159	W
CR2	20190412	Cloudy	Fresh	Mid-Flood	M	5.8	9:20	12.61	8.83	31.75	21.1	2.47	4	109	0.255	W
CR2	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:21	12.84	8.96	27.52	21.1	2.38	4	109	0.231	W
CR2	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:21	13	8.99	32	21	2.31	5	107	0.203	NW
S1	20190412	Cloudy	Fresh	Mid-Flood	B	4	10:36	12.98	8.4	29.53	21	2.65	6	109	0.254	NW
S1	20190412	Cloudy	Fresh	Mid-Flood	B	4	10:36	13.53	8.53	31.66	21.1	2.65	4	110	0.248	W

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
S1	20190412	Cloudy	Fresh	Mid-Flood	S	1	10:37	12.27	8.72	27.52	21.2	2.62	4	109	0.26	W
S1	20190412	Cloudy	Fresh	Mid-Flood	S	1	10:37	12.31	8.55	31.44	21.1	2.57	5	109	0.154	W
S2	20190412	Cloudy	Fresh	Mid-Flood	B	8.5	11:06	12.96	8.39	29.74	21.1	3.33	7	108	0.137	W
S2	20190412	Cloudy	Fresh	Mid-Flood	B	8.5	11:06	13.06	8.88	28.98	21.1	3.4	6	110	0.175	W
S2	20190412	Cloudy	Fresh	Mid-Flood	M	4.8	11:07	12.64	8.51	33.43	21.2	3.5	5	109	0.145	W
S2	20190412	Cloudy	Fresh	Mid-Flood	M	4.8	11:07	13.65	8.53	30.34	21.1	3.51	6	110	0.253	W
S2	20190412	Cloudy	Fresh	Mid-Flood	S	1	11:08	13.91	8.8	31.94	21	3.59	5	106	0.157	NW
S2	20190412	Cloudy	Fresh	Mid-Flood	S	1	11:08	12.48	8.85	28.26	21.1	3.57	4	109	0.208	NW
S3	20190412	Cloudy	Fresh	Mid-Flood	B	7.8	9:30	12.99	8.65	31.82	21.1	2.52	5	108	0.249	W
S3	20190412	Cloudy	Fresh	Mid-Flood	B	7.8	9:30	13.26	8.54	28.25	21	2.54	6	106	0.205	W
S3	20190412	Cloudy	Fresh	Mid-Flood	M	4.4	9:31	13.03	8.83	29.96	21.1	2.44	5	107	0.171	W
S3	20190412	Cloudy	Fresh	Mid-Flood	M	4.4	9:31	12.98	8.67	31.53	21	2.39	5	107	0.143	NW
S3	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:32	13.76	8.62	29.68	21	2.36	5	109	0.161	NW
S3	20190412	Cloudy	Fresh	Mid-Flood	S	1	9:32	11.97	8.57	31.58	21.2	2.29	4	110	0.261	W
B1	20190412	Cloudy	Fresh	Mid-Ebb	B	4.6	15:50	12.09	9.01	28.59	19.7	3.45	4	108	0.111	SE
B1	20190412	Cloudy	Fresh	Mid-Ebb	B	4.6	15:50	13.55	9.08	30.57	19.8	3.44	3	109	0.226	SE
B1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	15:51	12.27	8.94	30.29	19.8	3.45	5	109	0.201	SE
B1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	15:51	12.57	8.81	27.89	19.7	3.42	6	109	0.136	E
B2	20190412	Cloudy	Fresh	Mid-Ebb	B	4.4	16:12	13.81	8.53	27.65	19.8	3.41	6	109	0.179	SE
B2	20190412	Cloudy	Fresh	Mid-Ebb	B	4.4	16:12	13.32	8.42	31.46	19.8	3.33	5	109	0.163	E
B2	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:13	11.95	8.43	30.11	19.8	3.24	4	107	0.143	SE
B2	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:13	12.43	8.74	30.27	19.8	3.19	4	108	0.175	SE
B3	20190412	Cloudy	Fresh	Mid-Ebb	B	4.7	17:10	11.95	8.59	33.34	19.7	3.44	5	107	0.173	SE
B3	20190412	Cloudy	Fresh	Mid-Ebb	B	4.7	17:10	13.59	8.7	33.39	19.7	3.39	4	109	0.156	E
B3	20190412	Cloudy	Fresh	Mid-Ebb	S	1	17:11	12.24	9.1	31.31	19.7	3.39	4	109	0.151	E
B3	20190412	Cloudy	Fresh	Mid-Ebb	S	1	17:11	12.8	8.54	31.12	19.7	3.36	5	109	0.157	E
B4	20190412	Cloudy	Fresh	Mid-Ebb	B	4.5	17:23	13.59	8.69	28.1	19.7	2.57	4	109	0.11	SE
B4	20190412	Cloudy	Fresh	Mid-Ebb	B	4.5	17:23	13.58	8.93	29	19.7	2.52	5	107	0.232	SE
B4	20190412	Cloudy	Fresh	Mid-Ebb	S	1	17:24	12.08	8.71	30.98	19.7	2.48	4	110	0.215	SE
B4	20190412	Cloudy	Fresh	Mid-Ebb	S	1	17:24	12.39	8.62	32.34	19.8	2.51	4	109	0.105	SE
C1	20190412	Cloudy	Fresh	Mid-Ebb	B	9.3	15:25	13.21	8.89	30.55	19.8	2.19	3	109	0.213	SE
C1	20190412	Cloudy	Fresh	Mid-Ebb	B	9.3	15:25	12.18	9.06	27.46	19.7	2.16	4	107	0.217	SE

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

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
C1	20190412	Cloudy	Fresh	Mid-Ebb	M	5.2	15:26	13.77	8.76	29.09	19.7	2.08	4	107	0.177	SE
C1	20190412	Cloudy	Fresh	Mid-Ebb	M	5.2	15:26	12.61	8.41	31.84	19.7	1.99	4	107	0.213	E
C1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	15:27	12.88	8.61	29.87	19.8	2.03	5	109	0.226	SE
C1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	15:27	12.33	8.89	31.05	19.7	2.13	5	107	0.186	SE
C2	20190412	Cloudy	Fresh	Mid-Ebb	B	7.7	16:23	12.94	9.13	30	19.7	3.08	6	109	0.098	SE
C2	20190412	Cloudy	Fresh	Mid-Ebb	B	7.7	16:23	13.58	8.41	27.52	19.8	3.11	6	107	0.111	SE
C2	20190412	Cloudy	Fresh	Mid-Ebb	M	4.4	16:24	13.8	8.58	30.51	19.8	3.01	5	108	0.198	SE
C2	20190412	Cloudy	Fresh	Mid-Ebb	M	4.4	16:24	12.38	8.71	30.25	19.8	3.06	6	108	0.209	SE
C2	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:25	13.39	8.65	32.09	19.7	2.98	4	109	0.19	SE
C2	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:25	13.41	8.71	27.78	19.7	2.93	4	109	0.142	SE
F1	20190412	Cloudy	Fresh	Mid-Ebb	B	6.7	15:29	12.27	8.87	30.12	19.7	3.45	4	109	0.204	SE
F1	20190412	Cloudy	Fresh	Mid-Ebb	B	6.7	15:29	13.63	8.83	30.79	19.8	3.35	3	109	0.209	E
F1	20190412	Cloudy	Fresh	Mid-Ebb	M	3.9	15:30	11.86	8.97	33.14	19.8	3.36	4	108	0.144	SE
F1	20190412	Cloudy	Fresh	Mid-Ebb	M	3.9	15:30	12.46	9.06	27.46	19.8	3.4	4	106	0.132	E
F1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	15:31	13.27	8.92	31.66	19.7	3.43	4	106	0.145	SE
F1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	15:31	13.34	9.05	31.44	19.8	3.46	5	107	0.171	SE
H1	20190412	Cloudy	Fresh	Mid-Ebb	B	7.1	16:54	11.79	8.7	29.88	19.8	3.79	4	109	0.205	E
H1	20190412	Cloudy	Fresh	Mid-Ebb	B	7.1	16:54	11.83	9.12	28.28	19.7	3.76	3	109	0.124	E
H1	20190412	Cloudy	Fresh	Mid-Ebb	M	4.1	16:55	13.87	8.89	27.79	19.8	3.8	2	108	0.121	E
H1	20190412	Cloudy	Fresh	Mid-Ebb	M	4.1	16:55	12.07	8.46	28.17	19.8	3.72	3	109	0.232	SE
H1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:56	13.62	8.89	30.91	19.8	3.74	5	109	0.192	SE
H1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:56	13.47	8.45	28.37	19.7	3.72	5	109	0.175	SE
M1	20190412	Cloudy	Fresh	Mid-Ebb	B	8.3	16:04	13.75	9.08	31.43	19.7	2.12	3	110	0.215	SE
M1	20190412	Cloudy	Fresh	Mid-Ebb	B	8.3	16:04	13.57	8.82	33.35	19.8	2.18	3	109	0.21	SE
M1	20190412	Cloudy	Fresh	Mid-Ebb	M	4.7	16:05	13.07	8.67	29.8	19.8	2.22	4	109	0.153	SE
M1	20190412	Cloudy	Fresh	Mid-Ebb	M	4.7	16:05	11.75	8.88	28.39	19.8	2.12	3	109	0.148	SE
M1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:06	12.98	8.44	27.32	19.8	2.18	2	110	0.119	E
M1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:06	13.12	8.69	33.06	19.8	2.2	4	107	0.103	SE
CR1	20190412	Cloudy	Fresh	Mid-Ebb	B	10.5	17:07	13.66	8.9	28.19	19.8	2.35	3	93	0.168	E
CR1	20190412	Cloudy	Fresh	Mid-Ebb	B	10.5	17:07	13.79	8.98	29.78	19.8	2.41	4	108	0.228	SE
CR1	20190412	Cloudy	Fresh	Mid-Ebb	M	5.8	17:08	11.81	8.64	30.22	19.8	2.41	3	109	0.181	SE
CR1	20190412	Cloudy	Fresh	Mid-Ebb	M	5.8	17:08	12.27	8.8	33.26	19.7	2.34	3	109	0.167	SE

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
CR1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	17:09	13.74	9	29.82	19.8	2.42	3	108	0.158	SE
CR1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	17:09	11.97	9.14	32.05	19.8	2.49	3	109	0.14	SE
CR2	20190412	Cloudy	Fresh	Mid-Ebb	B	9.4	16:40	11.94	8.92	27.39	19.8	2.49	4	110	0.108	SE
CR2	20190412	Cloudy	Fresh	Mid-Ebb	B	9.4	16:40	12.21	9.1	32.05	19.8	2.5	5	109	0.147	E
CR2	20190412	Cloudy	Fresh	Mid-Ebb	M	5.2	16:41	12.25	8.89	30.63	19.7	2.49	5	109	0.134	SE
CR2	20190412	Cloudy	Fresh	Mid-Ebb	M	5.2	16:41	13.88	8.87	29.81	19.7	2.57	5	109	0.187	E
CR2	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:42	12.43	9.11	31.35	19.8	2.62	4	109	0.207	SE
CR2	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:42	12.44	8.93	30.95	19.8	2.57	4	109	0.207	E
S1	20190412	Cloudy	Fresh	Mid-Ebb	B	4.1	16:02	12.55	8.57	28.93	19.8	2.34	4	108	0.191	SE
S1	20190412	Cloudy	Fresh	Mid-Ebb	B	4.1	16:02	12.87	8.77	31.1	19.7	2.44	4	109	0.192	SE
S1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:03	12.58	8.81	30.24	19.8	2.51	3	110	0.164	SE
S1	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:03	11.8	9.01	31.94	19.8	2.53	3	109	0.129	SE
S2	20190412	Cloudy	Fresh	Mid-Ebb	B	7.7	16:27	12.12	9.01	31.1	19.8	3.14	4	109	0.212	SE
S2	20190412	Cloudy	Fresh	Mid-Ebb	B	7.7	16:27	13.44	8.73	32.38	19.8	3.13	4	109	0.181	SE
S2	20190412	Cloudy	Fresh	Mid-Ebb	M	4.4	16:28	11.94	8.8	33.09	19.8	3.12	3	109	0.129	SE
S2	20190412	Cloudy	Fresh	Mid-Ebb	M	4.4	16:28	13.08	8.51	31.31	19.7	3.14	2	107	0.178	SE
S2	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:29	12.27	8.97	28.11	19.7	3.17	4	108	0.135	E
S2	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:29	12.03	8.47	31.39	19.8	3.09	3	109	0.17	SE
S3	20190412	Cloudy	Fresh	Mid-Ebb	B	6.9	16:53	12.62	8.68	33.34	19.7	3.07	5	109	0.098	SE
S3	20190412	Cloudy	Fresh	Mid-Ebb	B	6.9	16:53	12.05	9.14	27.67	19.8	3.14	4	109	0.162	SE
S3	20190412	Cloudy	Fresh	Mid-Ebb	M	4	16:54	13.53	8.64	29.3	19.8	3.04	4	109	0.175	SE
S3	20190412	Cloudy	Fresh	Mid-Ebb	M	4	16:54	12.27	8.44	28.2	19.8	3.04	4	109	0.204	SE
S3	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:55	13.81	8.97	33.07	19.7	3.09	5	107	0.163	SE
S3	20190412	Cloudy	Fresh	Mid-Ebb	S	1	16:55	13.59	9.12	31.85	19.8	3.09	4	107	0.21	E
B1	20190414	Cloudy	Moderate	Mid-Flood	B	4.9	11:09	11.74	8.61	30.39	22.1	2.46	<2	111	0.248	W
B1	20190414	Cloudy	Moderate	Mid-Flood	B	4.9	11:09	12.17	8.84	31.14	22.1	2.32	<2	111	0.213	W
B1	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:10	11.98	8.63	28.02	22.1	2.19	<2	110	0.204	W
B1	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:10	12.11	8.7	29.73	22.2	2	<2	111	0.206	W
B2	20190414	Cloudy	Moderate	Mid-Flood	B	4.9	11:28	9.5	8.53	32.28	22.1	2.07	4	110	0.171	W
B2	20190414	Cloudy	Moderate	Mid-Flood	B	4.9	11:28	9.93	8.77	27.84	22.2	2.22	4	111	0.116	W
B2	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:29	9.68	8.59	29.34	22.1	2.38	<2	110	0.107	W
B2	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:29	9.22	8.57	30.72	22.2	2.36	<2	111	0.104	W

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
B3	20190414	Cloudy	Moderate	Mid-Flood	B	4.9	11:19	9.84	8.64	29.19	22.2	3.06	4	111	0.162	W
B3	20190414	Cloudy	Moderate	Mid-Flood	B	4.9	11:19	9.95	8.36	32.44	22.2	3.17	3	110	0.136	W
B3	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:20	10.39	8.45	31.24	22.1	3.03	2	111	0.288	W
B3	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:20	10.51	8.87	29.29	22.1	2.85	2	110	0.281	W
B4	20190414	Cloudy	Moderate	Mid-Flood	B	4.7	11:28	11.9	8.46	32.49	22.2	2.79	5	111	0.252	W
B4	20190414	Cloudy	Moderate	Mid-Flood	B	4.7	11:28	12.36	8.59	27.94	22.2	2.68	4	110	0.241	W
B4	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:29	12.45	8.97	31.02	22.1	2.65	5	111	0.209	W
B4	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:29	12.18	8.59	29.06	22.1	2.66	4	111	0.105	W
C1	20190414	Cloudy	Moderate	Mid-Flood	B	10.6	10:43	10.89	8.82	29.29	22.2	3.04	3	110	0.28	W
C1	20190414	Cloudy	Moderate	Mid-Flood	B	10.6	10:43	10.57	8.33	29.68	22.1	3.17	3	111	0.118	W
C1	20190414	Cloudy	Moderate	Mid-Flood	M	5.8	10:44	10.66	8.84	29.67	22.2	3.1	4	111	0.195	W
C1	20190414	Cloudy	Moderate	Mid-Flood	M	5.8	10:44	10.96	9.03	31.21	22.1	2.98	4	110	0.292	W
C1	20190414	Cloudy	Moderate	Mid-Flood	S	1	10:45	10.95	8.48	31.93	22.1	2.81	3	110	0.131	W
C1	20190414	Cloudy	Moderate	Mid-Flood	S	1	10:45	10.64	8.41	33.26	22.1	2.61	4	110	0.254	W
C2	20190414	Cloudy	Moderate	Mid-Flood	B	7.7	10:50	12.39	8.36	30.54	22.2	3.53	<2	110	0.254	W
C2	20190414	Cloudy	Moderate	Mid-Flood	B	7.7	10:50	12.75	8.53	33.07	22.1	3.38	<2	111	0.188	W
C2	20190414	Cloudy	Moderate	Mid-Flood	M	4.4	10:51	12.46	8.81	31.84	22.2	3.48	2	111	0.221	W
C2	20190414	Cloudy	Moderate	Mid-Flood	M	4.4	10:51	12.78	8.63	27.3	22.2	3.39	3	110	0.286	W
C2	20190414	Cloudy	Moderate	Mid-Flood	S	1	10:52	13.25	8.56	31.69	22.2	3.23	3	111	0.162	W
C2	20190414	Cloudy	Moderate	Mid-Flood	S	1	10:52	13.48	8.53	30.76	22.2	3.25	2	110	0.287	W
F1	20190414	Cloudy	Moderate	Mid-Flood	B	7.8	11:56	11.16	8.65	30.11	22.1	3.67	<2	110	0.17	W
F1	20190414	Cloudy	Moderate	Mid-Flood	B	7.8	11:56	10.97	8.38	31.53	22.2	3.51	<2	110	0.28	W
F1	20190414	Cloudy	Moderate	Mid-Flood	M	4.4	11:57	10.67	8.7	27.75	22.2	3.69	<2	111	0.272	W
F1	20190414	Cloudy	Moderate	Mid-Flood	M	4.4	11:57	10.39	8.68	29.61	22.1	3.57	Note 2	111	0.263	W
F1	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:58	10.08	8.68	30.97	22.2	3.73	2	111	0.27	W
F1	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:58	10.04	8.43	31.78	22.1	3.72	2	110	0.122	W
H1	20190414	Cloudy	Moderate	Mid-Flood	B	7	11:10	10.33	8.54	28.26	22.1	2.97	2	110	0.139	W
H1	20190414	Cloudy	Moderate	Mid-Flood	B	7	11:10	10.14	8.84	29.97	22.1	3.05	2	111	0.251	W
H1	20190414	Cloudy	Moderate	Mid-Flood	M	4	11:11	9.98	8.79	28.57	22.2	2.96	<2	111	0.102	W
H1	20190414	Cloudy	Moderate	Mid-Flood	M	4	11:11	10.17	8.55	33.34	22.2	2.8	<2	111	0.154	W
H1	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:12	9.89	8.51	31.52	22.2	2.94	2	110	0.146	W
H1	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:12	10.02	8.42	28.66	22.1	2.99	2	111	0.221	W

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
M1	20190414	Cloudy	Moderate	Mid-Flood	B	8.3	12:22	10.07	8.9	31.93	22.1	3.22	<2	110	0.153	W
M1	20190414	Cloudy	Moderate	Mid-Flood	B	8.3	12:22	9.72	8.54	29.49	22.1	3.17	<2	110	0.141	W
M1	20190414	Cloudy	Moderate	Mid-Flood	M	4.7	12:23	9.41	9.03	30.89	22.1	2.98	<2	110	0.251	W
M1	20190414	Cloudy	Moderate	Mid-Flood	M	4.7	12:23	8.99	8.98	33.03	22.1	3	<2	110	0.169	W
M1	20190414	Cloudy	Moderate	Mid-Flood	S	1	12:24	9.09	8.81	28.79	22.2	2.84	2	110	0.145	W
M1	20190414	Cloudy	Moderate	Mid-Flood	S	1	12:24	9.25	8.47	33.33	22.1	2.8	2	111	0.175	W
CR1	20190414	Cloudy	Moderate	Mid-Flood	B	11.8	12:18	10.52	8.83	29.43	22.1	2.38	<2	111	0.133	W
CR1	20190414	Cloudy	Moderate	Mid-Flood	B	11.8	12:18	10.96	8.7	32.34	22.1	2.57	<2	111	0.206	W
CR1	20190414	Cloudy	Moderate	Mid-Flood	M	6.4	12:19	10.48	8.45	31.01	22.1	2.62	<2	110	0.175	W
CR1	20190414	Cloudy	Moderate	Mid-Flood	M	6.4	12:19	10.24	8.65	32.39	22.1	2.78	<2	111	0.267	W
CR1	20190414	Cloudy	Moderate	Mid-Flood	S	1	12:20	10.66	8.8	32.93	22.1	2.85	<2	110	0.235	W
CR1	20190414	Cloudy	Moderate	Mid-Flood	S	1	12:20	10.83	8.52	31.49	22.1	2.79	<2	111	0.181	W
CR2	20190414	Cloudy	Moderate	Mid-Flood	B	9.9	11:56	11.56	9	28.34	22.1	2.7	<2	111	0.288	W
CR2	20190414	Cloudy	Moderate	Mid-Flood	B	9.9	11:56	11.32	8.58	30.93	22.2	2.6	<2	110	0.242	W
CR2	20190414	Cloudy	Moderate	Mid-Flood	M	5.5	11:57	10.95	8.33	29.66	22.2	2.64	<2	110	0.218	W
CR2	20190414	Cloudy	Moderate	Mid-Flood	M	5.5	11:57	11.23	8.49	32.01	22.1	2.46	<2	110	0.122	W
CR2	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:58	11.38	8.83	28.92	22.2	2.26	<2	110	0.168	W
CR2	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:58	11.31	8.47	33.33	22.1	2.11	<2	111	0.28	W
S1	20190414	Cloudy	Moderate	Mid-Flood	B	4.4	11:19	11.09	8.46	29.82	22.2	3.67	<2	110	0.243	W
S1	20190414	Cloudy	Moderate	Mid-Flood	B	4.4	11:19	11	8.93	30.43	22.2	3.49	<2	111	0.172	W
S1	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:20	10.92	8.82	27.98	22.2	3.46	<2	110	0.263	W
S1	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:20	10.6	8.79	32.93	22.2	3.61	<2	110	0.244	W
S2	20190414	Cloudy	Moderate	Mid-Flood	B	8.3	11:44	10.28	8.46	29.87	22.1	3.03	2	110	0.191	W
S2	20190414	Cloudy	Moderate	Mid-Flood	B	8.3	11:44	10.61	8.58	31.96	22.1	3.08	2	110	0.227	W
S2	20190414	Cloudy	Moderate	Mid-Flood	M	4.7	11:45	10.55	8.47	32.65	22.1	2.91	<2	110	0.174	W
S2	20190414	Cloudy	Moderate	Mid-Flood	M	4.7	11:45	10.26	8.8	33.42	22.2	2.86	<2	110	0.232	W
S2	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:46	10.09	8.84	29.5	22.2	2.79	3	110	0.268	W
S2	20190414	Cloudy	Moderate	Mid-Flood	S	1	11:46	9.67	8.71	30.04	22.1	2.89	4	110	0.274	W
S3	20190414	Cloudy	Moderate	Mid-Flood	B	7.3	12:06	9.71	8.6	28.26	22.1	2.14	<2	109	0.287	W
S3	20190414	Cloudy	Moderate	Mid-Flood	B	7.3	12:06	9.47	8.85	32.31	22.2	2.16	<2	110	0.113	W
S3	20190414	Cloudy	Moderate	Mid-Flood	M	4.2	12:07	9.61	8.34	32.71	22.1	2.05	<2	110	0.127	W
S3	20190414	Cloudy	Moderate	Mid-Flood	M	4.2	12:07	9.35	8.32	31.69	22.2	2.11	<2	110	0.11	W

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
S3	20190414	Cloudy	Moderate	Mid-Flood	S	1	12:08	9.55	8.93	31.29	22.2	2.17	<2	110	0.121	W
S3	20190414	Cloudy	Moderate	Mid-Flood	S	1	12:08	9.15	8.88	28.33	22.1	2.01	2	110	0.184	W
B1	20190414	Cloudy	Moderate	Mid-Ebb	B	4.5	17:11	10.39	8.78	31.87	20.4	3.63	3	110	0.127	SE
B1	20190414	Cloudy	Moderate	Mid-Ebb	B	4.5	17:11	10.24	8.78	28.85	20.5	3.59	3	111	0.178	S
B1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:12	10.28	9.04	28.94	20.5	3.59	<2	111	0.104	SE
B1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:12	10.35	8.49	28.73	20.4	3.62	<2	111	0.088	SE
B2	20190414	Cloudy	Moderate	Mid-Ebb	B	4.4	17:26	12.29	8.87	32.14	20.5	3.6	2	111	0.226	S
B2	20190414	Cloudy	Moderate	Mid-Ebb	B	4.4	17:26	12.67	8.87	31.39	20.4	3.78	2	110	0.135	SE
B2	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:27	13.09	8.36	28.14	20.4	3.9	2	112	0.122	SE
B2	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:27	13.11	8.73	30.84	20.5	3.82	2	111	0.21	SE
B3	20190414	Cloudy	Moderate	Mid-Ebb	B	4.7	17:49	11.27	8.31	28.71	20.6	2.53	<2	110	0.142	SE
B3	20190414	Cloudy	Moderate	Mid-Ebb	B	4.7	17:49	11.47	8.66	33.19	20.5	2.45	<2	110	0.155	SE
B3	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:50	11.46	8.89	32.16	20.5	2.64	3	111	0.205	S
B3	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:50	11.04	8.37	28.58	20.6	2.59	3	110	0.173	SE
B4	20190414	Cloudy	Moderate	Mid-Ebb	B	4.6	17:40	11.38	8.7	31.83	20.5	2.16	<2	110	0.176	E
B4	20190414	Cloudy	Moderate	Mid-Ebb	B	4.6	17:40	11.5	9.01	32.91	20.6	2.35	<2	111	0.231	S
B4	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:41	11.97	8.91	28.89	20.5	2.48	2	110	0.163	SE
B4	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:41	11.88	8.46	32.98	20.6	2.35	3	110	0.138	S
C1	20190414	Cloudy	Moderate	Mid-Ebb	B	8.9	16:48	10.69	8.78	29.62	20.4	3.08	2	110	0.195	S
C1	20190414	Cloudy	Moderate	Mid-Ebb	B	8.9	16:48	10.7	8.9	28.68	20.5	3.16	2	110	0.14	E
C1	20190414	Cloudy	Moderate	Mid-Ebb	M	5	16:49	11.09	8.74	28.67	20.4	3.14	3	110	0.088	S
C1	20190414	Cloudy	Moderate	Mid-Ebb	M	5	16:49	11.33	8.83	29.54	20.6	3.1	3	111	0.105	SE
C1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	16:50	11.47	8.57	32.71	20.6	2.98	4	111	0.136	SE
C1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	16:50	11.38	8.99	27.33	20.5	3.06	4	111	0.146	SE
C2	20190414	Cloudy	Moderate	Mid-Ebb	B	7.2	18:15	12	8.74	28.28	20.4	3.09	4	110	0.23	SE
C2	20190414	Cloudy	Moderate	Mid-Ebb	B	7.2	18:15	11.76	8.89	30.82	20.5	2.89	4	110	0.224	SE
C2	20190414	Cloudy	Moderate	Mid-Ebb	M	4.1	18:16	11.36	8.73	28.84	20.5	3.05	3	111	0.121	SE
C2	20190414	Cloudy	Moderate	Mid-Ebb	M	4.1	18:16	11.68	8.84	32.85	20.6	2.99	3	111	0.129	SE
C2	20190414	Cloudy	Moderate	Mid-Ebb	S	1	18:17	11.73	8.67	28.62	20.4	3.04	3	110	0.136	E
C2	20190414	Cloudy	Moderate	Mid-Ebb	S	1	18:17	11.46	8.86	28.97	20.4	3.07	3	111	0.151	E
F1	20190414	Cloudy	Moderate	Mid-Ebb	B	6.3	17:14	10.31	8.95	31.1	20.6	3.01	<2	111	0.209	S
F1	20190414	Cloudy	Moderate	Mid-Ebb	B	6.3	17:14	10.56	9.04	28.9	20.5	3.05	<2	111	0.141	SE

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
F1	20190414	Cloudy	Moderate	Mid-Ebb	M	3.7	17:15	10.97	8.59	33.18	20.4	3.13	4	110	0.181	SE
F1	20190414	Cloudy	Moderate	Mid-Ebb	M	3.7	17:15	10.56	8.54	32.67	20.6	2.94	5	111	0.101	SE
F1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:16	10.83	8.34	32.72	20.4	3.14	4	110	0.142	E
F1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:16	10.8	8.4	31.36	20.5	3.24	5	110	0.113	E
H1	20190414	Cloudy	Moderate	Mid-Ebb	B	6.7	17:58	10.7	8.97	27.83	20.6	2.38	2	111	0.198	S
H1	20190414	Cloudy	Moderate	Mid-Ebb	B	6.7	17:58	11.16	8.93	33.03	20.6	2.41	3	110	0.123	SE
H1	20190414	Cloudy	Moderate	Mid-Ebb	M	3.9	17:59	11.11	8.57	28.85	20.5	2.41	<2	111	0.188	E
H1	20190414	Cloudy	Moderate	Mid-Ebb	M	3.9	17:59	10.78	8.97	30.7	20.5	2.57	<2	111	0.197	E
H1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	18:00	11	8.87	29.43	20.5	2.63	2	111	0.158	SE
H1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	18:00	10.83	8.42	31.91	20.4	2.61	2	111	0.121	E
M1	20190414	Cloudy	Moderate	Mid-Ebb	B	7.8	16:47	11.43	8.42	29.33	20.5	3.07	2	111	0.099	E
M1	20190414	Cloudy	Moderate	Mid-Ebb	B	7.8	16:47	11.84	8.83	30.68	20.4	2.99	2	111	0.13	S
M1	20190414	Cloudy	Moderate	Mid-Ebb	M	4.4	16:48	11.45	8.43	30.05	20.6	3.02	3	110	0.172	SE
M1	20190414	Cloudy	Moderate	Mid-Ebb	M	4.4	16:48	11.68	8.84	32.47	20.6	2.98	3	111	0.157	SE
M1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	16:49	12.07	8.66	29.95	20.5	2.86	5	110	0.205	SE
M1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	16:49	11.99	8.72	29.87	20.5	2.69	5	111	0.154	E
CR1	20190414	Cloudy	Moderate	Mid-Ebb	B	10.8	18:12	12.37	8.7	28.56	20.5	2.06	2	110	0.117	SE
CR1	20190414	Cloudy	Moderate	Mid-Ebb	B	10.8	18:12	11.94	8.81	28.96	20.6	1.98	3	111	0.151	S
CR1	20190414	Cloudy	Moderate	Mid-Ebb	M	5.9	18:13	11.62	8.56	27.89	20.6	2.16	3	111	0.16	SE
CR1	20190414	Cloudy	Moderate	Mid-Ebb	M	5.9	18:13	11.9	8.73	31.2	20.6	2.21	3	111	0.165	S
CR1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	18:14	12.16	8.67	28.66	20.4	2.21	3	111	0.171	SE
CR1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	18:14	11.86	8.67	28.42	20.4	2.15	3	111	0.219	SE
CR2	20190414	Cloudy	Moderate	Mid-Ebb	B	10.3	17:51	11.34	8.79	32.36	20.4	2.14	2	110	0.121	SE
CR2	20190414	Cloudy	Moderate	Mid-Ebb	B	10.3	17:51	11.19	8.83	29.91	20.4	2.1	2	111	0.176	S
CR2	20190414	Cloudy	Moderate	Mid-Ebb	M	5.7	17:52	11.27	8.58	32.47	20.5	2.1	3	111	0.11	SE
CR2	20190414	Cloudy	Moderate	Mid-Ebb	M	5.7	17:52	10.94	8.4	29.06	20.4	2.02	2	110	0.175	S
CR2	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:53	11.06	8.85	29.82	20.4	2.06	3	111	0.125	S
CR2	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:53	11.28	8.69	28.12	20.5	2.16	2	101	0.197	SE
S1	20190414	Cloudy	Moderate	Mid-Ebb	B	4.2	17:18	10.57	8.68	28.53	20.5	2.11	<2	111	0.106	SE
S1	20190414	Cloudy	Moderate	Mid-Ebb	B	4.2	17:18	10.2	8.33	29.67	20.5	2.21	<2	111	0.23	SE
S1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:19	10.48	8.47	28.67	20.6	2.25	3	110	0.11	S
S1	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:19	10.45	8.72	29.45	20.6	2.13	3	111	0.223	S

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

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
S2	20190414	Cloudy	Moderate	Mid-Ebb	B	7.9	17:40	10.78	8.82	28.9	20.4	2.84	<2	111	0.165	SE
S2	20190414	Cloudy	Moderate	Mid-Ebb	B	7.9	17:40	10.95	8.45	27.72	20.6	2.79	<2	110	0.119	S
S2	20190414	Cloudy	Moderate	Mid-Ebb	M	4.5	17:41	10.76	8.76	29.66	20.5	2.61	4	111	0.141	S
S2	20190414	Cloudy	Moderate	Mid-Ebb	M	4.5	17:41	11.19	8.53	33.12	20.6	2.53	4	110	0.219	SE
S2	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:42	11.57	8.62	31.98	20.6	2.41	3	110	0.222	SE
S2	20190414	Cloudy	Moderate	Mid-Ebb	S	1	17:42	11.68	8.58	28.54	20.5	2.41	4	110	0.149	SE
S3	20190414	Cloudy	Moderate	Mid-Ebb	B	7.4	18:01	9.98	8.75	27.97	20.5	3.24	4	111	0.097	SE
S3	20190414	Cloudy	Moderate	Mid-Ebb	B	7.4	18:01	10.29	8.66	28.66	20.6	3.23	3	111	0.11	S
S3	20190414	Cloudy	Moderate	Mid-Ebb	M	4.2	18:02	9.98	8.8	31.63	20.5	3.31	4	111	0.16	SE
S3	20190414	Cloudy	Moderate	Mid-Ebb	M	4.2	18:02	9.69	8.63	33.09	20.5	3.27	4	111	0.087	S
S3	20190414	Cloudy	Moderate	Mid-Ebb	S	1	18:03	10.03	8.67	30.32	20.6	3.45	2	111	0.141	SE
S3	20190414	Cloudy	Moderate	Mid-Ebb	S	1	18:03	9.81	8.71	31.56	20.5	3.64	2	110	0.232	SE
B1	20190416	Cloudy	Moderate	Mid-Flood	B	5.2	15:14	10.55	8.81	28.33	20.1	2.43	4	112	0.205	W
B1	20190416	Cloudy	Moderate	Mid-Flood	B	5.2	15:14	10.6	8.99	30.88	20.2	2.32	5	111	0.198	W
B1	20190416	Cloudy	Moderate	Mid-Flood	S	1	15:15	10.16	8.74	29.64	20.2	2.22	5	111	0.217	W
B1	20190416	Cloudy	Moderate	Mid-Flood	S	1	15:15	10.53	8.65	30.84	20.1	2.1	4	112	0.224	SW
B2	20190416	Cloudy	Moderate	Mid-Flood	B	5.1	15:35	11.92	9.13	30.7	20.2	2.75	9	112	0.194	NW
B2	20190416	Cloudy	Moderate	Mid-Flood	B	5.1	15:35	11.44	8.54	29.6	20.2	2.71	9	112	0.208	NW
B2	20190416	Cloudy	Moderate	Mid-Flood	S	1	15:36	11.08	8.76	28.6	20.3	2.89	4	112	0.217	SW
B2	20190416	Cloudy	Moderate	Mid-Flood	S	1	15:36	11.22	8.99	27.96	20.2	3.01	6	112	0.231	W
B3	20190416	Cloudy	Moderate	Mid-Flood	B	5.1	14:35	11.5	8.66	30.85	20.3	2.2	6	112	0.218	W
B3	20190416	Cloudy	Moderate	Mid-Flood	B	5.1	14:35	11.94	8.86	27.89	20.2	2.19	7	112	0.228	W
B3	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:36	11.69	8.69	32.94	20.1	2.26	6	112	0.207	W
B3	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:36	12	8.94	30.45	20.2	2.46	5	112	0.203	W
B4	20190416	Cloudy	Moderate	Mid-Flood	B	5.1	14:45	10.21	8.98	27.82	20.3	2.41	7	111	0.225	SW
B4	20190416	Cloudy	Moderate	Mid-Flood	B	5.1	14:45	10.14	9.01	29.17	20.1	2.61	8	112	0.179	W
B4	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:46	10.58	8.76	28.22	20.2	2.8	6	113	0.203	W
B4	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:46	10.4	9.03	28.94	20.1	2.74	6	111	0.19	W
C1A	20190416	Cloudy	Moderate	Mid-Flood	B	10.7	14:48	11.55	9.07	32.14	20.2	2.08	5	112	0.186	W
C1A	20190416	Cloudy	Moderate	Mid-Flood	B	10.7	14:48	11.34	8.62	29.11	20.2	2.25	5	111	0.189	SW
C1A	20190416	Cloudy	Moderate	Mid-Flood	M	5.9	14:49	11.57	8.77	31.2	20.1	2.24	3	111	0.215	W
C1A	20190416	Cloudy	Moderate	Mid-Flood	M	5.9	14:49	11.81	8.97	29.43	20	2.4	4	112	0.213	SW

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
C1A	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:50	11.84	9.14	29.11	20.1	2.28	3	112	0.202	W
C1A	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:50	11.71	8.58	31.55	20.1	2.41	4	111	0.23	W
C2A	20190416	Cloudy	Moderate	Mid-Flood	B	7.6	14:07	11.41	8.81	28.83	20.3	1.51	8	112	0.206	NW
C2A	20190416	Cloudy	Moderate	Mid-Flood	B	7.6	14:07	11.49	8.97	31.38	20.1	1.54	7	112	0.227	SW
C2A	20190416	Cloudy	Moderate	Mid-Flood	M	4.3	14:08	11.81	8.83	32.39	20.1	1.63	6	112	0.192	NW
C2A	20190416	Cloudy	Moderate	Mid-Flood	M	4.3	14:08	11.6	8.71	27.96	20.2	1.47	7	112	0.228	SW
C2A	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:09	11.86	8.82	31.14	20	1.49	5	112	0.186	SW
C2A	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:09	11.62	8.58	28.27	20.2	1.69	6	111	0.222	W
F1A	20190416	Cloudy	Moderate	Mid-Flood	B	7.4	15:18	11.23	8.75	29.11	20.2	2.93	6	112	0.197	W
F1A	20190416	Cloudy	Moderate	Mid-Flood	B	7.4	15:18	11.66	8.76	30.69	20	2.81	6	112	0.175	W
F1A	20190416	Cloudy	Moderate	Mid-Flood	M	4.2	15:19	11.56	8.62	31.75	20.2	2.74	8	112	0.174	W
F1A	20190416	Cloudy	Moderate	Mid-Flood	M	4.2	15:19	11.24	8.63	31.9	20.1	2.91	8	112	0.193	W
F1A	20190416	Cloudy	Moderate	Mid-Flood	S	1	15:20	11.01	8.97	31.49	20.2	2.85	8	113	0.22	SW
F1A	20190416	Cloudy	Moderate	Mid-Flood	S	1	15:20	10.92	8.68	32.13	20.1	2.7	8	111	0.215	SW
H1	20190416	Cloudy	Moderate	Mid-Flood	B	7.5	14:22	10.1	8.72	30.85	20.2	2.34	4	112	0.228	W
H1	20190416	Cloudy	Moderate	Mid-Flood	B	7.5	14:22	10.14	8.78	31.05	20.2	2.32	4	112	0.193	W
H1	20190416	Cloudy	Moderate	Mid-Flood	M	4.3	14:23	9.76	8.96	30.02	20.1	2.23	4	111	0.194	W
H1	20190416	Cloudy	Moderate	Mid-Flood	M	4.3	14:23	9.67	8.88	31.02	20.3	2.14	3	111	0.219	NW
H1	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:24	10.12	9.08	29.09	20.2	1.95	5	112	0.217	SW
H1	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:24	9.68	8.75	30.01	20.2	2.04	6	113	0.195	NW
M1	20190416	Cloudy	Moderate	Mid-Flood	B	9.2	15:53	11.8	8.78	29	20.2	1.88	4	112	0.198	NW
M1	20190416	Cloudy	Moderate	Mid-Flood	B	9.2	15:53	11.6	8.62	31.64	20.1	1.8	5	111	0.205	W
M1	20190416	Cloudy	Moderate	Mid-Flood	M	5.1	15:54	11.22	8.69	31.46	20.2	1.9	4	112	0.231	SW
M1	20190416	Cloudy	Moderate	Mid-Flood	M	5.1	15:54	10.93	8.73	32.62	20.1	1.76	4	111	0.189	SW
M1	20190416	Cloudy	Moderate	Mid-Flood	S	1	15:55	11.39	8.57	32.35	20.1	1.68	6	112	0.221	NW
M1	20190416	Cloudy	Moderate	Mid-Flood	S	1	15:55	11.54	8.95	32.88	20.1	1.49	5	112	0.228	NW
CR1	20190416	Cloudy	Moderate	Mid-Flood	B	11.2	14:07	10.83	8.83	30.94	20.1	2.87	6	112	0.188	SW
CR1	20190416	Cloudy	Moderate	Mid-Flood	B	11.2	14:07	11.31	8.52	30.61	20.3	2.73	5	112	0.196	SW
CR1	20190416	Cloudy	Moderate	Mid-Flood	M	6.1	14:08	11.4	8.87	30.84	20.3	2.75	6	112	0.23	W
CR1	20190416	Cloudy	Moderate	Mid-Flood	M	6.1	14:08	11.45	8.8	28.61	20.3	2.61	6	112	0.214	SW
CR1	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:09	11.89	9.04	30.76	20.1	2.44	6	112	0.176	SW
CR1	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:09	12.34	8.57	30.22	20.1	2.61	7	112	0.19	W

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
CR2	20190416	Cloudy	Moderate	Mid-Flood	B	10.3	14:18	11.83	9.08	30.36	20.3	2.01	6	112	0.228	SW
CR2	20190416	Cloudy	Moderate	Mid-Flood	B	10.3	14:18	11.84	8.91	31.83	20.1	2.13	6	112	0.18	SW
CR2	20190416	Cloudy	Moderate	Mid-Flood	M	5.7	14:19	12.12	9.05	32.15	20.2	2.14	5	111	0.21	W
CR2	20190416	Cloudy	Moderate	Mid-Flood	M	5.7	14:19	12.11	8.85	32.46	20	2.13	6	112	0.201	W
CR2	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:20	12.61	8.77	29.62	20.3	1.98	5	112	0.223	SW
CR2	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:20	12.48	9.1	31.18	20	1.97	5	112	0.176	W
S1	20190416	Cloudy	Moderate	Mid-Flood	B	4.8	15:24	11.69	8.83	30.63	20.2	1.78	5	112	0.198	SW
S1	20190416	Cloudy	Moderate	Mid-Flood	B	4.8	15:24	12.12	8.93	29.34	20	1.94	5	112	0.225	W
S1	20190416	Cloudy	Moderate	Mid-Flood	S	1	15:25	12.08	8.7	28.25	20.2	1.92	5	112	0.176	W
S1	20190416	Cloudy	Moderate	Mid-Flood	S	1	15:25	11.81	8.64	32.7	20.1	2.12	6	113	0.227	W
S2A	20190416	Cloudy	Moderate	Mid-Flood	B	8.7	15:51	11.83	8.78	30.21	20	2.82	4	112	0.226	NW
S2A	20190416	Cloudy	Moderate	Mid-Flood	B	8.7	15:51	11.85	8.96	31.06	20.3	2.75	5	112	0.185	W
S2A	20190416	Cloudy	Moderate	Mid-Flood	M	4.9	15:52	11.67	8.65	28.44	20.1	2.78	3	112	0.194	W
S2A	20190416	Cloudy	Moderate	Mid-Flood	M	4.9	15:52	12.01	8.83	31.99	20.3	2.66	4	111	0.203	SW
S2A	20190416	Cloudy	Moderate	Mid-Flood	S	1	15:53	12.23	8.75	31.93	20.2	2.76	4	112	0.212	W
S2A	20190416	Cloudy	Moderate	Mid-Flood	S	1	15:53	12.46	8.69	32.71	20.1	2.76	5	112	0.182	W
S3	20190416	Cloudy	Moderate	Mid-Flood	B	7.2	14:28	10.18	8.8	28.91	20.2	1.94	4	113	0.198	SW
S3	20190416	Cloudy	Moderate	Mid-Flood	B	7.2	14:28	10.54	9.07	29.02	20	1.8	4	111	0.213	W
S3	20190416	Cloudy	Moderate	Mid-Flood	M	4.1	14:29	10.39	9.06	29.61	20.3	1.8	5	112	0.205	W
S3	20190416	Cloudy	Moderate	Mid-Flood	M	4.1	14:29	10.19	8.88	31	20.2	1.81	5	112	0.232	W
S3	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:30	10.55	8.55	30.57	20.2	1.83	6	112	0.174	W
S3	20190416	Cloudy	Moderate	Mid-Flood	S	1	14:30	10.74	8.92	28.94	20.2	1.66	6	111	0.188	W
B1	20190416	Cloudy	Moderate	Mid-Ebb	B	4.7	10:14	10.89	8.38	29.58	19.6	2.02	6	112	0.158	SE
B1	20190416	Cloudy	Moderate	Mid-Ebb	B	4.7	10:14	10.76	8.58	30.77	19.6	2.07	7	112	0.09	SE
B1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:15	10.55	8.69	30.74	19.7	1.87	6	111	0.122	S
B1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:15	10.78	8.43	28.26	19.7	1.76	6	112	0.137	S
B2	20190416	Cloudy	Moderate	Mid-Ebb	B	4.4	10:29	10.18	8.78	33.4	19.6	1.93	7	112	0.147	SE
B2	20190416	Cloudy	Moderate	Mid-Ebb	B	4.4	10:29	10.02	8.78	28.39	19.7	1.99	6	113	0.101	S
B2	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:30	10.47	8.64	32.79	19.6	1.9	5	112	0.103	SE
B2	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:30	10.15	8.51	31.95	19.8	1.87	5	112	0.133	SW
B3	20190416	Cloudy	Moderate	Mid-Ebb	B	4.4	10:07	10	8.5	31.07	19.8	2.36	4	111	0.097	SE
B3	20190416	Cloudy	Moderate	Mid-Ebb	B	4.4	10:07	10.3	8.67	33.09	19.8	2.28	4	106	0.161	SE

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
B3	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:08	10.71	8.67	33.1	19.6	2.15	4	111	0.094	S
B3	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:08	10.57	8.51	29.17	19.7	2.04	4	112	0.184	SE
B4	20190416	Cloudy	Moderate	Mid-Ebb	B	4.9	10:18	11.78	8.69	29.22	19.8	2.71	6	112	0.15	S
B4	20190416	Cloudy	Moderate	Mid-Ebb	B	4.9	10:18	11.57	8.38	31.87	19.6	2.57	6	112	0.123	SE
B4	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:19	11.11	8.37	32.58	19.7	2.42	5	112	0.162	S
B4	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:19	11.14	8.79	29.19	19.7	2.34	5	112	0.187	S
C1	20190416	Cloudy	Moderate	Mid-Ebb	B	9.5	9:52	10.57	8.73	31.76	19.8	2.11	6	112	0.131	S
C1	20190416	Cloudy	Moderate	Mid-Ebb	B	9.5	9:52	10.91	8.5	30.18	19.8	1.98	6	112	0.08	S
C1	20190416	Cloudy	Moderate	Mid-Ebb	M	5.3	9:53	10.56	8.77	33.14	19.7	2.08	6	112	0.113	S
C1	20190416	Cloudy	Moderate	Mid-Ebb	M	5.3	9:53	10.92	8.74	28.35	19.8	1.98	5	107	0.132	SW
C1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	9:54	11.34	8.63	32.03	19.7	2	6	111	0.153	S
C1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	9:54	10.91	8.63	30.35	19.7	1.97	6	112	0.116	S
C2	20190416	Cloudy	Moderate	Mid-Ebb	B	7.4	10:29	10.89	8.47	32.39	19.8	1.94	4	111	0.173	S
C2	20190416	Cloudy	Moderate	Mid-Ebb	B	7.4	10:29	10.42	8.82	33.66	19.8	2.13	6	112	0.121	S
C2	20190416	Cloudy	Moderate	Mid-Ebb	M	4.2	10:30	10.91	8.58	28.25	19.7	2.04	5	111	0.083	S
C2	20190416	Cloudy	Moderate	Mid-Ebb	M	4.2	10:30	11.03	8.6	32.46	19.7	1.86	6	111	0.109	SE
C2	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:31	10.88	8.39	29.42	19.8	1.79	4	112	0.131	S
C2	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:31	10.74	8.84	31.04	19.7	1.69	6	111	0.166	SE
F1	20190416	Cloudy	Moderate	Mid-Ebb	B	6.4	10:56	11.22	8.6	29.94	19.6	1.55	5	112	0.148	SE
F1	20190416	Cloudy	Moderate	Mid-Ebb	B	6.4	10:56	10.8	8.56	31.47	19.8	1.73	4	111	0.12	SE
F1	20190416	Cloudy	Moderate	Mid-Ebb	M	3.7	10:57	10.58	8.42	30.38	19.8	1.57	5	112	0.163	SE
F1	20190416	Cloudy	Moderate	Mid-Ebb	M	3.7	10:57	10.49	8.67	31.88	19.7	1.67	4	112	0.179	S
F1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:58	10.99	8.73	32.71	19.6	1.8	4	112	0.08	SE
F1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:58	10.9	8.82	30.8	19.8	1.78	5	111	0.173	SE
H1	20190416	Cloudy	Moderate	Mid-Ebb	B	7.2	9:26	11.16	8.47	32.9	19.8	2.79	7	112	0.133	SE
H1	20190416	Cloudy	Moderate	Mid-Ebb	B	7.2	9:26	11.24	8.8	33.02	19.7	2.97	7	112	0.121	S
H1	20190416	Cloudy	Moderate	Mid-Ebb	M	4.1	9:27	11.25	8.6	30.73	19.8	2.91	7	112	0.089	SE
H1	20190416	Cloudy	Moderate	Mid-Ebb	M	4.1	9:27	11.45	8.53	28.22	19.7	2.91	8	111	0.149	SE
H1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	9:28	11.78	8.69	28.45	19.7	2.94	7	111	0.092	S
H1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	9:28	11.46	8.44	32.68	19.7	3.06	7	106	0.192	SE
M1	20190416	Cloudy	Moderate	Mid-Ebb	B	8.5	11:25	10.92	8.38	31.22	19.6	1.66	5	111	0.145	SE
M1	20190416	Cloudy	Moderate	Mid-Ebb	B	8.5	11:25	11.07	8.39	29.53	19.7	1.48	6	111	0.086	SE

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

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
M1	20190416	Cloudy	Moderate	Mid-Ebb	M	4.8	11:26	11.02	8.59	28.29	19.7	1.45	7	112	0.13	S
M1	20190416	Cloudy	Moderate	Mid-Ebb	M	4.8	11:26	10.75	8.49	33.1	19.6	1.4	6	112	0.1	S
M1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	11:27	10.96	8.4	32.1	19.6	1.44	6	112	0.12	S
M1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	11:27	10.77	8.76	30.42	19.6	1.29	6	112	0.168	SE
CR1	20190416	Cloudy	Moderate	Mid-Ebb	B	10.5	11:11	11.76	8.7	33.62	19.7	1.62	6	111	0.159	S
CR1	20190416	Cloudy	Moderate	Mid-Ebb	B	10.5	11:11	11.51	8.67	32.55	19.7	1.49	6	109	0.141	S
CR1	20190416	Cloudy	Moderate	Mid-Ebb	M	5.8	11:12	11.81	8.72	29.88	19.8	1.36	5	111	0.187	S
CR1	20190416	Cloudy	Moderate	Mid-Ebb	M	5.8	11:12	11.44	8.41	32.14	19.7	1.42	6	111	0.143	SE
CR1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	11:13	11.65	8.54	31.78	19.6	1.52	4	111	0.176	S
CR1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	11:13	12.08	8.74	33.57	19.8	1.53	5	112	0.138	SE
CR2	20190416	Cloudy	Moderate	Mid-Ebb	B	9.5	10:53	10.78	8.71	28.67	19.8	2.89	6	110	0.147	SE
CR2	20190416	Cloudy	Moderate	Mid-Ebb	B	9.5	10:53	10.79	8.55	31.85	19.7	2.9	6	112	0.148	S
CR2	20190416	Cloudy	Moderate	Mid-Ebb	M	5.3	10:54	10.87	8.75	31.99	19.7	2.94	6	112	0.155	S
CR2	20190416	Cloudy	Moderate	Mid-Ebb	M	5.3	10:54	10.88	8.74	28.77	19.7	2.92	6	111	0.122	S
CR2	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:55	10.77	8.78	28.87	19.8	2.89	7	112	0.137	S
CR2	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:55	10.6	8.56	29.17	19.7	2.73	8	111	0.184	S
S1	20190416	Cloudy	Moderate	Mid-Ebb	B	4.4	10:21	11.58	8.54	31.66	19.7	1.82	4	112	0.13	S
S1	20190416	Cloudy	Moderate	Mid-Ebb	B	4.4	10:21	12	8.71	30.66	19.7	1.86	3	112	0.078	S
S1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:22	11.93	8.38	29.68	19.8	1.69	5	111	0.164	SE
S1	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:22	11.6	8.4	31.72	19.7	1.77	5	111	0.177	S
S2	20190416	Cloudy	Moderate	Mid-Ebb	B	8	10:43	11.64	8.38	33.42	19.6	2.2	6	112	0.104	S
S2	20190416	Cloudy	Moderate	Mid-Ebb	B	8	10:43	11.5	8.61	32.65	19.6	2.28	6	112	0.125	SE
S2	20190416	Cloudy	Moderate	Mid-Ebb	M	4.5	10:44	11.27	8.83	31.17	19.8	2.12	5	112	0.076	S
S2	20190416	Cloudy	Moderate	Mid-Ebb	M	4.5	10:44	11.74	8.71	30.25	19.8	2.07	5	112	0.177	S
S2	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:45	11.37	8.73	31.25	19.6	2.19	7	111	0.181	SE
S2	20190416	Cloudy	Moderate	Mid-Ebb	S	1	10:45	11.21	8.72	30.83	19.6	2.25	6	111	0.123	SE
S3	20190416	Cloudy	Moderate	Mid-Ebb	B	7.2	11:02	11.7	8.43	29.31	19.8	2.01	6	111	0.185	S
S3	20190416	Cloudy	Moderate	Mid-Ebb	B	7.2	11:02	12.05	8.51	28.6	19.7	2.06	6	112	0.118	S
S3	20190416	Cloudy	Moderate	Mid-Ebb	M	4.1	11:03	12.11	8.66	28.91	19.8	2.15	5	111	0.165	S
S3	20190416	Cloudy	Moderate	Mid-Ebb	M	4.1	11:03	11.85	8.64	28.53	19.7	2.22	5	111	0.177	SW
S3	20190416	Cloudy	Moderate	Mid-Ebb	S	1	11:04	11.51	8.65	32.06	19.6	2.11	6	110	0.089	SE
S3	20190416	Cloudy	Moderate	Mid-Ebb	S	1	11:04	11.72	8.39	31.94	19.7	2.27	7	112	0.119	S

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
B1	20190418	Cloudy	Moderate	Mid-Ebb	B	4.4	11:11	10.71	8.95	27.32	22.8	2.64	3	109	0.083	S
B1	20190418	Cloudy	Moderate	Mid-Ebb	B	4.4	11:11	10.67	9.03	28.49	22.8	2.47	3	109	0.076	SE
B1	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:12	10.99	8.44	28.2	22.7	2.44	2	110	0.078	E
B1	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:12	10.96	8.69	28.7	22.7	2.52	3	109	0.087	SE
B2	20190418	Cloudy	Moderate	Mid-Ebb	B	4.8	11:32	11.23	9.14	28.57	22.9	2.08	2	109	0.14	SE
B2	20190418	Cloudy	Moderate	Mid-Ebb	B	4.8	11:32	11.22	8.57	32.03	22.8	2.01	4	109	0.13	SE
B2	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:33	11.44	8.49	30.22	23	1.77	2	109	0.109	S
B2	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:33	11.31	9.06	32.44	22.8	1.9	2	109	0.131	S
B3	20190418	Cloudy	Moderate	Mid-Ebb	B	4.5	11:24	10.27	8.79	31.31	22.7	2.15	4	109	0.146	SE
B3	20190418	Cloudy	Moderate	Mid-Ebb	B	4.5	11:24	9.7	8.64	30.71	23	2.33	5	109	0.109	SE
B3	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:25	10.21	8.42	31.73	22.8	2.3	3	109	0.143	S
B3	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:25	10.96	8.52	28.89	22.9	2.24	<2	109	0.145	SE
B4	20190418	Cloudy	Moderate	Mid-Ebb	B	4.6	11:33	12.42	8.69	31.77	22.8	1.91	3	110	0.09	SE
B4	20190418	Cloudy	Moderate	Mid-Ebb	B	4.6	11:33	13.27	9.04	28.29	23	1.67	4	109	0.136	SE
B4	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:34	13.72	8.99	31.03	22.8	1.71	2	110	0.149	S
B4	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:34	14.64	8.54	31.21	22.8	1.77	2	109	0.142	SE
C1A	20190418	Cloudy	Moderate	Mid-Ebb	B	8.9	10:46	11.16	8.81	28.59	22.8	2.54	4	110	0.115	SE
C1A	20190418	Cloudy	Moderate	Mid-Ebb	B	8.9	10:46	10.55	8.6	29.39	23	2.49	3	110	0.093	S
C1A	20190418	Cloudy	Moderate	Mid-Ebb	M	5	10:47	9.66	8.41	31.88	22.9	2.39	2	109	0.1	S
C1A	20190418	Cloudy	Moderate	Mid-Ebb	M	5	10:47	10.33	8.94	29.79	22.9	2.26	3	109	0.081	S
C1A	20190418	Cloudy	Moderate	Mid-Ebb	S	1	10:48	10.43	8.71	27.53	22.9	2.23	3	110	0.144	SE
C1A	20190418	Cloudy	Moderate	Mid-Ebb	S	1	10:48	9.97	8.55	27.92	22.8	2.01	4	110	0.08	SE
C2A	20190418	Cloudy	Moderate	Mid-Ebb	B	6.8	10:57	11.73	8.87	32.16	22.9	1.2	<2	110	0.111	S
C2A	20190418	Cloudy	Moderate	Mid-Ebb	B	6.8	10:57	12	8.46	28.18	23	1.12	<2	110	0.102	SE
C2A	20190418	Cloudy	Moderate	Mid-Ebb	M	3.9	10:58	11.74	8.4	28.23	22.9	1.15	<2	110	0.117	S
C2A	20190418	Cloudy	Moderate	Mid-Ebb	M	3.9	10:58	11.74	8.53	32.85	22.8	1.26	<2	109	0.124	S
C2A	20190418	Cloudy	Moderate	Mid-Ebb	S	1	10:59	11.66	8.85	27.72	22.9	1.07	<2	110	0.081	SE
C2A	20190418	Cloudy	Moderate	Mid-Ebb	S	1	10:59	11.59	8.64	31.92	22.8	0.97	<2	110	0.079	SE
F1A	20190418	Cloudy	Moderate	Mid-Ebb	B	6.7	12:03	11.61	8.52	31.26	22.8	2.41	<2	110	0.112	S
F1A	20190418	Cloudy	Moderate	Mid-Ebb	B	6.7	12:03	12.61	8.97	28.95	22.9	2.17	<2	109	0.121	SE
F1A	20190418	Cloudy	Moderate	Mid-Ebb	M	3.9	12:04	12.94	8.55	30.45	23	2.06	<2	109	0.077	SE
F1A	20190418	Cloudy	Moderate	Mid-Ebb	M	3.9	12:04	12.22	8.7	31.01	22.8	2.04	<2	110	0.1	SE

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
F1A	20190418	Cloudy	Moderate	Mid-Ebb	S	1	12:05	11.65	9.02	32.81	22.9	1.87	<2	110	0.097	SE
F1A	20190418	Cloudy	Moderate	Mid-Ebb	S	1	12:05	11.84	8.67	30.12	22.8	1.65	<2	110	0.094	SE
H1	20190418	Cloudy	Moderate	Mid-Ebb	B	6.3	11:10	12.29	8.88	28.23	22.9	1.54	4	110	0.139	S
H1	20190418	Cloudy	Moderate	Mid-Ebb	B	6.3	11:10	12.56	9.09	31.04	22.7	1.31	4	110	0.122	SE
H1	20190418	Cloudy	Moderate	Mid-Ebb	M	3.7	11:11	12.68	8.44	33.11	22.9	1.4	3	110	0.128	SE
H1	20190418	Cloudy	Moderate	Mid-Ebb	M	3.7	11:11	12.22	8.57	27.76	22.8	1.47	3	109	0.118	SE
H1	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:12	11.79	8.41	31.82	22.8	1.6	3	110	0.146	SE
H1	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:12	11.41	8.8	32.44	22.7	1.68	3	108	0.117	SE
M1	20190418	Cloudy	Moderate	Mid-Ebb	B	8.8	12:45	12.91	8.87	29.15	22.9	1.95	2	110	0.152	SE
M1	20190418	Cloudy	Moderate	Mid-Ebb	B	8.8	12:45	13.05	8.97	28.11	22.8	1.74	2	110	0.103	S
M1	20190418	Cloudy	Moderate	Mid-Ebb	M	4.9	12:46	13	8.7	27.67	23	1.82	<2	110	0.139	SE
M1	20190418	Cloudy	Moderate	Mid-Ebb	M	4.9	12:46	13.28	8.98	33.4	23	1.98	<2	110	0.078	E
M1	20190418	Cloudy	Moderate	Mid-Ebb	S	1	12:47	12.69	8.7	29.58	22.9	2.19	<2	110	0.114	S
M1	20190418	Cloudy	Moderate	Mid-Ebb	S	1	12:47	13.33	8.68	31.47	22.8	2.35	<2	110	0.106	SE
CR1	20190418	Cloudy	Moderate	Mid-Ebb	B	11.6	12:26	10.63	8.81	30.66	22.9	2.14	<2	110	0.132	SE
CR1	20190418	Cloudy	Moderate	Mid-Ebb	B	11.6	12:26	9.94	8.98	30.5	23	2.02	3	110	0.103	SE
CR1	20190418	Cloudy	Moderate	Mid-Ebb	M	6.3	12:27	9.42	8.59	28.21	22.7	1.8	<2	110	0.146	SE
CR1	20190418	Cloudy	Moderate	Mid-Ebb	M	6.3	12:27	9.25	9.04	29.01	22.8	1.6	<2	110	0.129	SE
CR1	20190418	Cloudy	Moderate	Mid-Ebb	S	1	12:28	9.37	8.64	28.54	22.7	1.38	<2	110	0.099	SE
CR1	20190418	Cloudy	Moderate	Mid-Ebb	S	1	12:28	8.54	8.85	28.99	22.9	1.21	<2	110	0.1	S
CR2	20190418	Cloudy	Moderate	Mid-Ebb	B	9.8	12:02	12.76	8.95	28.75	22.9	1.08	3	110	0.078	SE
CR2	20190418	Cloudy	Moderate	Mid-Ebb	B	9.8	12:02	13.43	8.79	31.71	23	0.83	3	110	0.14	SE
CR2	20190418	Cloudy	Moderate	Mid-Ebb	M	5.4	12:03	12.5	8.8	27.62	22.8	0.78	<2	110	0.139	S
CR2	20190418	Cloudy	Moderate	Mid-Ebb	M	5.4	12:03	12.92	8.94	29.86	22.9	0.85	<2	103	0.148	SE
CR2	20190418	Cloudy	Moderate	Mid-Ebb	S	1	12:04	12.11	8.82	29.16	23	0.87	<2	110	0.111	SE
CR2	20190418	Cloudy	Moderate	Mid-Ebb	S	1	12:04	12.73	8.77	28.67	23	0.7	<2	110	0.087	SE
S1	20190418	Cloudy	Moderate	Mid-Ebb	B	4.2	11:22	10.39	9.13	30.4	22.7	1.03	<2	110	0.146	SE
S1	20190418	Cloudy	Moderate	Mid-Ebb	B	4.2	11:22	10.07	9.05	30.55	23	0.92	<2	110	0.077	S
S1	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:23	9.5	8.61	32.61	22.9	1.05	<2	110	0.12	S
S1	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:23	10.01	8.78	27.36	22.8	0.8	<2	110	0.119	SE
S2A	20190418	Cloudy	Moderate	Mid-Ebb	B	8.6	11:49	11.59	8.78	31.8	23	1.71	3	110	0.121	S
S2A	20190418	Cloudy	Moderate	Mid-Ebb	B	8.6	11:49	12.26	8.55	31.28	23	1.94	4	110	0.103	S

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
S2A	20190418	Cloudy	Moderate	Mid-Ebb	M	4.8	11:50	11.43	8.43	29.81	22.9	1.86	3	110	0.112	SE
S2A	20190418	Cloudy	Moderate	Mid-Ebb	M	4.8	11:50	10.58	9.01	30.21	22.8	1.96	3	110	0.086	SE
S2A	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:51	10.26	9.06	32.87	22.8	2.03	<2	109	0.13	S
S2A	20190418	Cloudy	Moderate	Mid-Ebb	S	1	11:51	10.66	9	32.1	22.9	2.03	<2	109	0.091	S
S3	20190418	Cloudy	Moderate	Mid-Ebb	B	7.3	12:14	11.1	8.44	27.54	22.8	2.19	<2	107	0.097	SE
S3	20190418	Cloudy	Moderate	Mid-Ebb	B	7.3	12:14	11.86	9.08	30.47	22.9	2.22	3	110	0.128	SE
S3	20190418	Cloudy	Moderate	Mid-Ebb	M	4.2	12:15	12	8.43	32.55	22.8	2.09	2	110	0.133	SE
S3	20190418	Cloudy	Moderate	Mid-Ebb	M	4.2	12:15	11.84	8.5	30.73	22.8	2.32	<2	110	0.122	S
S3	20190418	Cloudy	Moderate	Mid-Ebb	S	1	12:16	11.97	8.71	27.69	23	2.53	<2	109	0.145	SE
S3	20190418	Cloudy	Moderate	Mid-Ebb	S	1	12:16	11.09	8.86	31.83	22.8	2.3	<2	109	0.086	S
B1	20190418	Cloudy	Moderate	Mid-Flood	B	4.6	15:12	12.26	8.75	29.79	22.9	1.53	4	110	0.12	NW
B1	20190418	Cloudy	Moderate	Mid-Flood	B	4.6	15:12	12.06	8.87	32.69	23	1.41	4	109	0.153	NW
B1	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:13	12.37	8.41	29.01	23	1.61	2	110	0.149	W
B1	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:13	12.75	8.84	31.74	23	1.42	3	109	0.129	NW
B2	20190418	Cloudy	Moderate	Mid-Flood	B	4.5	15:34	10.26	8.53	33.05	23.1	1.3	3	109	0.132	W
B2	20190418	Cloudy	Moderate	Mid-Flood	B	4.5	15:34	11.06	8.79	33.13	23	1.53	3	110	0.138	W
B2	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:35	11.14	8.41	31.77	23.1	1.78	2	109	0.171	W
B2	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:35	11.24	8.94	30.47	23.1	1.88	2	109	0.14	W
B3	20190418	Cloudy	Moderate	Mid-Flood	B	4.7	15:12	10.25	8.83	28.23	23	2.86	3	109	0.129	NW
B3	20190418	Cloudy	Moderate	Mid-Flood	B	4.7	15:12	9.86	8.47	29.01	23	2.77	3	109	0.16	NW
B3	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:13	10.08	8.62	28.99	23.1	2.52	<2	106	0.124	W
B3	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:13	10.63	8.41	31.52	23	2.55	<2	109	0.111	NW
B4	20190418	Cloudy	Moderate	Mid-Flood	B	4.6	15:22	11.09	8.67	29.52	23	1.07	<2	109	0.117	W
B4	20190418	Cloudy	Moderate	Mid-Flood	B	4.6	15:22	10.99	8.67	28.34	23	0.95	<2	109	0.142	W
B4	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:23	11.98	8.72	29.39	23.1	0.85	<2	109	0.155	NW
B4	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:23	11.11	8.82	29.95	23	1.1	<2	109	0.106	NW
C1A	20190418	Cloudy	Moderate	Mid-Flood	B	9	14:48	10.55	8.62	31.46	23.1	2.96	2	105	0.095	NW
C1A	20190418	Cloudy	Moderate	Mid-Flood	B	9	14:48	10.81	8.93	30.83	23.1	2.75	2	109	0.121	NW
C1A	20190418	Cloudy	Moderate	Mid-Flood	M	5	14:49	10.9	8.45	28.37	23.1	2.6	<2	109	0.1	NW
C1A	20190418	Cloudy	Moderate	Mid-Flood	M	5	14:49	9.97	8.51	29.03	23	2.81	<2	108	0.124	W
C1A	20190418	Cloudy	Moderate	Mid-Flood	S	1	14:50	10.72	8.57	32.59	23.1	3.01	<2	109	0.152	W
C1A	20190418	Cloudy	Moderate	Mid-Flood	S	1	14:50	10.99	8.58	29.22	23.1	3.25	<2	109	0.148	NW

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
C2A	20190418	Cloudy	Moderate	Mid-Flood	B	7.6	14:47	11.78	8.65	29.6	22.9	2.73	<2	110	0.171	W
C2A	20190418	Cloudy	Moderate	Mid-Flood	B	7.6	14:47	12.6	8.42	31.64	23	2.97	<2	108	0.105	NW
C2A	20190418	Cloudy	Moderate	Mid-Flood	M	4.3	14:48	11.82	8.43	30.52	23	3.08	<2	109	0.119	NW
C2A	20190418	Cloudy	Moderate	Mid-Flood	M	4.3	14:48	12.73	8.41	32.73	23.1	2.99	<2	108	0.159	W
C2A	20190418	Cloudy	Moderate	Mid-Flood	S	1	14:49	13.34	8.52	31.55	23.1	3.22	<2	110	0.092	W
C2A	20190418	Cloudy	Moderate	Mid-Flood	S	1	14:49	12.77	8.7	29.05	22.9	3.38	<2	109	0.132	W
F1A	20190418	Cloudy	Moderate	Mid-Flood	B	7.3	15:50	10.85	8.82	30.39	23	2.53	2	110	0.122	NW
F1A	20190418	Cloudy	Moderate	Mid-Flood	B	7.3	15:50	10.11	8.58	28.62	22.9	2.47	3	106	0.106	NW
F1A	20190418	Cloudy	Moderate	Mid-Flood	M	4.2	15:51	10.73	8.42	32.48	23	2.54	2	110	0.113	NW
F1A	20190418	Cloudy	Moderate	Mid-Flood	M	4.2	15:51	10.74	8.83	31.4	23.1	2.79	2	110	0.156	W
F1A	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:52	11.11	8.86	30.09	23	3.01	<2	109	0.134	NW
F1A	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:52	10.24	8.89	30.5	22.9	3.24	<2	109	0.143	W
H1	20190418	Cloudy	Moderate	Mid-Flood	B	7	15:00	11.71	8.88	31.84	23	2.07	3	110	0.115	NW
H1	20190418	Cloudy	Moderate	Mid-Flood	B	7	15:00	11.29	8.49	33.15	23.1	2.29	3	110	0.155	W
H1	20190418	Cloudy	Moderate	Mid-Flood	M	4	15:01	12.12	8.53	29.23	23	2.08	<2	110	0.163	W
H1	20190418	Cloudy	Moderate	Mid-Flood	M	4	15:01	12.47	8.8	28.01	22.9	2.16	<2	101	0.152	W
H1	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:02	12.98	8.47	32.11	23	1.92	<2	109	0.172	W
H1	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:02	12.73	8.77	29.69	23	1.8	<2	110	0.131	W
M1	20190418	Cloudy	Moderate	Mid-Flood	B	8.7	16:19	9.88	8.66	31.01	23.1	2.37	4	109	0.109	W
M1	20190418	Cloudy	Moderate	Mid-Flood	B	8.7	16:19	9.44	8.78	32.66	23	2.17	4	110	0.157	W
M1	20190418	Cloudy	Moderate	Mid-Flood	M	4.9	16:20	8.49	8.42	31.54	23.1	2.31	4	108	0.132	W
M1	20190418	Cloudy	Moderate	Mid-Flood	M	4.9	16:20	8.73	8.78	29.56	22.9	2.52	3	109	0.163	NW
M1	20190418	Cloudy	Moderate	Mid-Flood	S	1	16:21	8.85	8.9	28.46	23.1	2.65	3	109	0.12	W
M1	20190418	Cloudy	Moderate	Mid-Flood	S	1	16:21	8.07	8.5	32.06	23.1	2.42	3	109	0.109	W
CR1	20190418	Cloudy	Moderate	Mid-Flood	B	11.1	16:27	12.31	8.87	32.93	23	2.78	3	109	0.172	NW
CR1	20190418	Cloudy	Moderate	Mid-Flood	B	11.1	16:27	12.21	8.48	29.44	23.1	2.98	3	108	0.154	W
CR1	20190418	Cloudy	Moderate	Mid-Flood	M	6.1	16:28	11.61	8.53	30.69	22.9	3.07	3	108	0.16	W
CR1	20190418	Cloudy	Moderate	Mid-Flood	M	6.1	16:28	11.92	8.89	30.66	22.9	2.95	2	109	0.12	W
CR1	20190418	Cloudy	Moderate	Mid-Flood	S	1	16:29	11.38	8.47	29.1	22.9	3.09	2	110	0.122	W
CR1	20190418	Cloudy	Moderate	Mid-Flood	S	1	16:29	10.43	8.77	32.59	22.9	2.99	2	110	0.117	NW
CR2	20190418	Cloudy	Moderate	Mid-Flood	B	9.9	16:03	11.57	8.75	29.53	23	2.92	2	110	0.134	W
CR2	20190418	Cloudy	Moderate	Mid-Flood	B	9.9	16:03	11.15	8.76	28.56	23.1	3.11	3	110	0.168	W

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
CR2	20190418	Cloudy	Moderate	Mid-Flood	M	5.5	16:04	10.32	8.9	28.9	23.1	3.13	2	109	0.108	NW
CR2	20190418	Cloudy	Moderate	Mid-Flood	M	5.5	16:04	9.75	8.87	30.59	22.9	3.13	2	109	0.14	NW
CR2	20190418	Cloudy	Moderate	Mid-Flood	S	1	16:05	9.17	8.76	28.01	23.1	3.03	<2	108	0.131	W
CR2	20190418	Cloudy	Moderate	Mid-Flood	S	1	16:05	9.31	8.55	30.76	22.9	3.08	<2	109	0.128	W
S1	20190418	Cloudy	Moderate	Mid-Flood	B	4.2	15:21	12.98	8.42	28.07	22.9	1.59	3	109	0.157	W
S1	20190418	Cloudy	Moderate	Mid-Flood	B	4.2	15:21	13.68	8.63	30.48	23.1	1.59	3	110	0.127	W
S1	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:22	14.47	8.45	31.62	23	1.45	3	109	0.096	W
S1	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:22	14.45	8.44	29.64	23	1.24	2	104	0.126	NW
S2A	20190418	Cloudy	Moderate	Mid-Flood	B	8.3	15:48	10.23	8.62	29.95	23	2.48	3	110	0.131	W
S2A	20190418	Cloudy	Moderate	Mid-Flood	B	8.3	15:48	10.01	8.49	29.12	23.1	2.28	4	110	0.112	W
S2A	20190418	Cloudy	Moderate	Mid-Flood	M	4.7	15:49	10.76	8.4	29.22	23	2.03	3	109	0.124	NW
S2A	20190418	Cloudy	Moderate	Mid-Flood	M	4.7	15:49	11.05	8.86	28.22	23.1	1.9	3	109	0.164	NW
S2A	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:50	12.02	8.79	31.77	23	1.74	2	110	0.163	W
S2A	20190418	Cloudy	Moderate	Mid-Flood	S	1	15:50	11.37	8.72	29.02	22.9	1.88	2	110	0.1	W
S3	20190418	Cloudy	Moderate	Mid-Flood	B	7.5	16:13	10.1	8.79	30.32	22.9	1.02	4	109	0.146	W
S3	20190418	Cloudy	Moderate	Mid-Flood	B	7.5	16:13	10.14	8.94	28.46	23	0.88	5	109	0.155	W
S3	20190418	Cloudy	Moderate	Mid-Flood	M	4.3	16:14	10.09	8.8	29.32	23.1	1.06	4	108	0.132	W
S3	20190418	Cloudy	Moderate	Mid-Flood	M	4.3	16:14	10.01	8.42	29.26	23	1.22	4	109	0.149	NW
S3	20190418	Cloudy	Moderate	Mid-Flood	S	1	16:15	10.15	8.71	31.65	23.1	1.45	3	109	0.104	W
S3	20190418	Cloudy	Moderate	Mid-Flood	S	1	16:15	9.32	8.46	33.11	23	1.22	3	109	0.134	NW
B1	20190423	Cloudy	Moderate	Mid-Flood	B	4.9	10:33	9.01	8.99	28.69	24.5	2.76	<2	105	0.204	NW
B1	20190423	Cloudy	Moderate	Mid-Flood	B	4.9	10:33	9.07	8.85	27.86	24.6	2.93	<2	105	0.258	SW
B1	20190423	Cloudy	Moderate	Mid-Flood	S	1	10:34	9	8.62	30.79	24.6	2.98	<2	102	0.257	W
B1	20190423	Cloudy	Moderate	Mid-Flood	S	1	10:34	8.59	8.93	32.59	24.7	3.08	<2	102	0.243	NW
B2	20190423	Cloudy	Moderate	Mid-Flood	B	4	10:54	9.28	8.67	32.75	24.6	2.15	<2	103	0.267	W
B2	20190423	Cloudy	Moderate	Mid-Flood	B	4	10:54	9.38	8.75	31.95	24.6	2.05	<2	103	0.163	W
B2	20190423	Cloudy	Moderate	Mid-Flood	S	1	10:55	9.22	8.5	27.93	24.5	1.85	<2	103	0.287	SW
B2	20190423	Cloudy	Moderate	Mid-Flood	S	1	10:55	9.26	8.85	29.08	24.6	1.73	<2	104	0.205	W
B3	20190423	Cloudy	Moderate	Mid-Flood	B	4.3	9:26	11.03	8.33	31.56	24.6	2.13	3	106	0.15	SW
B3	20190423	Cloudy	Moderate	Mid-Flood	B	4.3	9:26	11.28	8.59	33.4	24.5	1.95	4	103	0.249	SW
B3	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:27	10.94	8.81	30.05	24.6	1.99	<2	103	0.147	W
B3	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:27	10.74	8.33	30.49	24.6	1.86	<2	103	0.268	SW

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Baseline Water Quality Monitoring Data

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
B4	20190423	Cloudy	Moderate	Mid-Flood	B	4.1	9:36	10.92	8.97	32.97	24.6	2.47	2	103	0.123	NW
B4	20190423	Cloudy	Moderate	Mid-Flood	B	4.1	9:36	10.64	9	32.42	24.6	2.65	2	105	0.191	SW
B4	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:37	10.85	8.53	31.5	24.6	2.58	2	103	0.237	W
B4	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:37	11.33	8.42	32.28	24.6	2.55	2	102	0.237	W
C1A	20190423	Cloudy	Moderate	Mid-Flood	B	9.5	9:53	11.76	8.91	32.51	24.7	3.47	3	102	0.265	NW
C1A	20190423	Cloudy	Moderate	Mid-Flood	B	9.5	9:53	11.74	8.59	28.57	24.7	3.6	2	103	0.234	W
C1A	20190423	Cloudy	Moderate	Mid-Flood	M	5.3	9:54	12.24	8.31	28.76	24.6	3.44	<2	104	0.139	W
C1A	20190423	Cloudy	Moderate	Mid-Flood	M	5.3	9:54	12.12	8.52	29.85	24.6	3.43	<2	103	0.249	W
C1A	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:55	12.02	8.55	30.7	24.6	3.62	<2	102	0.122	W
C1A	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:55	12.35	8.47	33.4	24.6	3.47	<2	102	0.211	NW
C2A	20190423	Cloudy	Moderate	Mid-Flood	B	7.5	9:00	11.28	8.31	28.11	24.7	2.25	2	103	0.202	SW
C2A	20190423	Cloudy	Moderate	Mid-Flood	B	7.5	9:00	11.09	9.04	32.37	24.7	2.08	2	103	0.193	NW
C2A	20190423	Cloudy	Moderate	Mid-Flood	M	4.3	9:01	10.78	8.46	29.52	24.5	2.1	<2	102	0.186	SW
C2A	20190423	Cloudy	Moderate	Mid-Flood	M	4.3	9:01	10.91	8.8	29.9	24.6	2.04	<2	105	0.246	W
C2A	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:02	11.13	8.34	31.01	24.7	2.22	<2	103	0.166	SW
C2A	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:02	11.43	8.94	33.13	24.5	2.13	<2	102	0.222	SW
F1A	20190423	Cloudy	Moderate	Mid-Flood	B	7.2	10:06	9.24	8.51	30.02	24.5	2.11	2	103	0.232	NW
F1A	20190423	Cloudy	Moderate	Mid-Flood	B	7.2	10:06	9.38	8.58	27.44	24.6	1.91	2	104	0.173	W
F1A	20190423	Cloudy	Moderate	Mid-Flood	M	4.1	10:07	9.13	8.53	31.96	24.6	1.84	2	102	0.153	NW
F1A	20190423	Cloudy	Moderate	Mid-Flood	M	4.1	10:07	8.89	8.82	28.39	24.6	1.78	2	103	0.209	W
F1A	20190423	Cloudy	Moderate	Mid-Flood	S	1	10:08	8.97	8.42	28.34	24.5	1.76	<2	104	0.281	W
F1A	20190423	Cloudy	Moderate	Mid-Flood	S	1	10:08	8.98	8.35	31.36	24.7	1.6	<2	102	0.205	NW
H1	20190423	Cloudy	Moderate	Mid-Flood	B	7.3	9:16	12.33	8.36	30.68	24.6	2.67	3	102	0.273	W
H1	20190423	Cloudy	Moderate	Mid-Flood	B	7.3	9:16	12.77	8.59	31.55	24.7	2.66	3	105	0.229	NW
H1	20190423	Cloudy	Moderate	Mid-Flood	M	4.2	9:17	12.43	8.43	29.26	24.6	2.64	<2	102	0.144	W
H1	20190423	Cloudy	Moderate	Mid-Flood	M	4.2	9:17	12.17	8.87	33.26	24.6	2.7	<2	103	0.257	W
H1	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:18	12.42	8.93	29.82	24.6	2.54	<2	102	0.192	SW
H1	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:18	12.38	8.51	30.52	24.6	2.52	<2	102	0.277	NW
M1	20190423	Cloudy	Moderate	Mid-Flood	B	8.2	10:42	12.12	11.29	33.11	24.6	2.26	<2	106	0.128	W
M1	20190423	Cloudy	Moderate	Mid-Flood	B	8.2	10:42	12.3	8.64	30.91	24.6	2.45	<2	103	0.262	SW
M1	20190423	Cloudy	Moderate	Mid-Flood	M	4.6	10:43	12.12	8.71	31.87	24.6	2.37	<2	105	0.222	NW
M1	20190423	Cloudy	Moderate	Mid-Flood	M	4.6	10:43	12.24	8.46	32.43	24.5	2.46	<2	105	0.254	W

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 Baseline Water Quality Monitoring Data

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
M1	20190423	Cloudy	Moderate	Mid-Flood	S	1	10:44	12.35	8.71	32.83	24.5	2.58	<2	103	0.14	NW
M1	20190423	Cloudy	Moderate	Mid-Flood	S	1	10:44	12.53	8.86	29.26	24.5	2.47	<2	105	0.251	W
CR1	20190423	Cloudy	Moderate	Mid-Flood	B	11.2	9:12	12.51	8.9	32.59	24.6	3.15	4	105	0.124	W
CR1	20190423	Cloudy	Moderate	Mid-Flood	B	11.2	9:12	12.89	8.55	27.6	24.6	3.21	5	102	0.143	W
CR1	20190423	Cloudy	Moderate	Mid-Flood	M	6.1	9:13	12.4	8.46	27.9	24.5	3.05	2	103	0.216	NW
CR1	20190423	Cloudy	Moderate	Mid-Flood	M	6.1	9:13	12.61	8.51	27.4	24.6	2.99	3	103	0.194	W
CR1	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:14	13.06	8.4	33.01	24.6	3.1	2	103	0.188	W
CR1	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:14	13.53	8.75	27.3	24.6	3.04	2	105	0.235	SW
CR2	20190423	Cloudy	Moderate	Mid-Flood	B	10	9:24	9.92	8.94	32.35	24.6	2.28	4	105	0.277	W
CR2	20190423	Cloudy	Moderate	Mid-Flood	B	10	9:24	9.56	9.01	32.07	24.6	2.2	3	104	0.268	W
CR2	20190423	Cloudy	Moderate	Mid-Flood	M	5.5	9:25	9.14	8.66	29.01	24.7	2.01	3	104	0.169	W
CR2	20190423	Cloudy	Moderate	Mid-Flood	M	5.5	9:25	9.19	8.73	28.97	24.5	1.82	4	106	0.206	SW
CR2	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:26	9.08	8.58	28.83	24.6	1.98	3	105	0.268	NW
CR2	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:26	8.7	8.31	31.46	24.6	2.02	2	103	0.189	W
S1	20190423	Cloudy	Moderate	Mid-Flood	B	4.4	10:45	12.89	8.57	32.69	24.6	3.09	<2	103	0.205	SW
S1	20190423	Cloudy	Moderate	Mid-Flood	B	4.4	10:45	12.61	8.74	32.1	24.6	3.1	<2	103	0.171	W
S1	20190423	Cloudy	Moderate	Mid-Flood	S	1	10:46	13.02	8.65	31.15	24.6	3.27	<2	103	0.155	W
S1	20190423	Cloudy	Moderate	Mid-Flood	S	1	10:46	13.21	8.49	31.21	24.7	3.3	<2	106	0.291	W
S2A	20190423	Cloudy	Moderate	Mid-Flood	B	8.3	11:12	12.79	8.52	33.17	24.6	3.41	2	103	0.261	W
S2A	20190423	Cloudy	Moderate	Mid-Flood	B	8.3	11:12	12.35	8.66	28.47	24.6	3.48	2	105	0.134	W
S2A	20190423	Cloudy	Moderate	Mid-Flood	M	4.7	11:13	11.89	8.98	32.43	24.6	3.32	<2	103	0.178	W
S2A	20190423	Cloudy	Moderate	Mid-Flood	M	4.7	11:13	11.65	8.44	29.2	24.6	3.17	<2	103	0.128	W
S2A	20190423	Cloudy	Moderate	Mid-Flood	S	1	11:14	11.16	8.44	27.31	24.6	3.25	<2	105	0.162	NW
S2A	20190423	Cloudy	Moderate	Mid-Flood	S	1	11:14	11.18	8.64	28.89	24.5	3.4	<2	105	0.207	W
S3	20190423	Cloudy	Moderate	Mid-Flood	B	7.4	9:33	10.73	8.39	30.29	24.7	2.92	<2	105	0.27	W
S3	20190423	Cloudy	Moderate	Mid-Flood	B	7.4	9:33	10.62	8.34	27.48	24.7	2.81	<2	105	0.277	W
S3	20190423	Cloudy	Moderate	Mid-Flood	M	4.2	9:34	11.06	8.81	29.91	24.5	2.84	<2	105	0.268	W
S3	20190423	Cloudy	Moderate	Mid-Flood	M	4.2	9:34	10.65	8.5	30.98	24.7	2.87	<2	105	0.222	W
S3	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:35	10.77	8.38	31.89	24.5	2.96	<2	105	0.221	W
S3	20190423	Cloudy	Moderate	Mid-Flood	S	1	9:35	10.38	8.48	32.89	24.5	2.99	<2	104	0.182	SW
B1	20190423	Cloudy	Moderate	Mid-Ebb	B	4.5	13:35	9.2	8.91	28.47	28.3	2.25	<2	104	0.1	S
B1	20190423	Cloudy	Moderate	Mid-Ebb	B	4.5	13:35	8.83	8.94	27.96	28.2	2.27	<2	104	0.214	S

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
B1	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:36	8.97	9.02	32.92	28.1	2.38	<2	104	0.232	SE
B1	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:36	9.22	8.56	32.22	28.2	2.58	<2	104	0.088	SE
B2	20190423	Cloudy	Moderate	Mid-Ebb	B	4.8	13:56	11.2	8.49	33.17	28.2	3.44	<2	105	0.226	S
B2	20190423	Cloudy	Moderate	Mid-Ebb	B	4.8	13:56	11.5	8.84	29.5	28.2	3.55	2	104	0.188	E
B2	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:57	11.42	9.04	32.78	28.1	3.62	<2	106	0.076	E
B2	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:57	11.11	8.31	29.4	28.1	3.5	<2	105	0.141	S
B3	20190423	Cloudy	Moderate	Mid-Ebb	B	4.7	13:51	9.2	8.58	27.84	28.3	2.36	5	105	0.116	SE
B3	20190423	Cloudy	Moderate	Mid-Ebb	B	4.7	13:51	9.36	8.66	29.9	28.3	2.56	5	103	0.248	E
B3	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:52	9.37	8.71	29.06	28.3	2.71	3	106	0.252	S
B3	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:52	9.24	8.56	31.01	28.2	2.73	4	104	0.102	S
B4	20190423	Cloudy	Moderate	Mid-Ebb	B	4.7	14:01	10.45	8.93	27.39	28.1	2.67	4	104	0.169	S
B4	20190423	Cloudy	Moderate	Mid-Ebb	B	4.7	14:01	10.17	8.93	29.64	28.2	2.81	4	104	0.188	S
B4	20190423	Cloudy	Moderate	Mid-Ebb	S	1	14:02	10.67	8.33	32.11	28.2	2.67	3	104	0.236	E
B4	20190423	Cloudy	Moderate	Mid-Ebb	S	1	14:02	11	8.32	27.44	28.2	2.64	3	104	0.154	SE
C1A	20190423	Cloudy	Moderate	Mid-Ebb	B	10.1	13:08	10.35	9.01	29.19	28.3	2.94	<2	104	0.234	S
C1A	20190423	Cloudy	Moderate	Mid-Ebb	B	10.1	13:08	10.51	8.75	32.51	28.3	2.75	<2	104	0.105	SE
C1A	20190423	Cloudy	Moderate	Mid-Ebb	M	5.6	13:09	10.97	8.53	32.9	28.2	2.86	<2	105	0.242	S
C1A	20190423	Cloudy	Moderate	Mid-Ebb	M	5.6	13:09	11.22	8.57	27.82	28.2	2.98	<2	105	0.126	E
C1A	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:10	11.44	8.59	33.4	28.2	2.81	<2	104	0.115	S
C1A	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:10	11.89	8.88	33.31	28.2	2.83	<2	102	0.167	SE
C2A	20190423	Cloudy	Moderate	Mid-Ebb	B	7.5	13:16	9.92	8.36	32.45	28.2	2.27	<2	104	0.237	S
C2A	20190423	Cloudy	Moderate	Mid-Ebb	B	7.5	13:16	9.71	8.89	29.41	28.2	2.36	2	105	0.09	SE
C2A	20190423	Cloudy	Moderate	Mid-Ebb	M	4.3	13:17	9.41	8.94	31.65	28.2	2.55	<2	104	0.156	S
C2A	20190423	Cloudy	Moderate	Mid-Ebb	M	4.3	13:17	9.5	8.53	32.72	28.3	2.48	<2	104	0.244	S
C2A	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:18	9.28	9.03	27.44	28.2	2.55	<2	104	0.221	S
C2A	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:18	9.11	8.35	29.93	28.3	2.66	<2	105	0.139	S
F1A	20190423	Cloudy	Moderate	Mid-Ebb	B	6.5	14:36	12	8.97	28.93	28.2	2.75	3	104	0.214	S
F1A	20190423	Cloudy	Moderate	Mid-Ebb	B	6.5	14:36	11.85	9.02	30.2	28.2	2.7	4	105	0.092	SE
F1A	20190423	Cloudy	Moderate	Mid-Ebb	M	3.8	14:37	12.16	8.7	29.86	28.2	2.59	2	105	0.11	E
F1A	20190423	Cloudy	Moderate	Mid-Ebb	M	3.8	14:37	12.32	8.56	31.36	28.3	2.43	2	105	0.132	E
F1A	20190423	Cloudy	Moderate	Mid-Ebb	S	1	14:38	12.3	8.75	27.39	28.2	2.36	2	105	0.208	E
F1A	20190423	Cloudy	Moderate	Mid-Ebb	S	1	14:38	12.21	8.79	27.86	28.1	2.17	<2	105	0.127	SE

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

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
H1	20190423	Cloudy	Moderate	Mid-Ebb	B	6.6	13:36	9.64	8.74	32.21	28.3	2.66	<2	104	0.106	SE
H1	20190423	Cloudy	Moderate	Mid-Ebb	B	6.6	13:36	9.77	8.65	29.14	28.3	2.8	<2	104	0.157	E
H1	20190423	Cloudy	Moderate	Mid-Ebb	M	3.8	13:37	9.62	9.04	28.92	28.3	2.71	<2	104	0.195	S
H1	20190423	Cloudy	Moderate	Mid-Ebb	M	3.8	13:37	10.06	8.99	32.1	28.3	2.72	<2	103	0.103	E
H1	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:38	9.74	9.01	29.65	28.1	2.69	<2	103	0.208	SE
H1	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:38	10	8.65	31.95	28.2	2.65	<2	104	0.219	SE
M1	20190423	Cloudy	Moderate	Mid-Ebb	B	8.6	15:05	12.39	8.63	29.67	28.2	2.56	3	103	0.176	S
M1	20190423	Cloudy	Moderate	Mid-Ebb	B	8.6	15:05	12.33	8.76	27.31	28.2	2.61	3	105	0.174	SE
M1	20190423	Cloudy	Moderate	Mid-Ebb	M	4.8	15:06	12.59	8.91	27.48	28.2	2.79	2	103	0.157	E
M1	20190423	Cloudy	Moderate	Mid-Ebb	M	4.8	15:06	12.74	8.34	28.11	28.1	2.97	3	103	0.118	E
M1	20190423	Cloudy	Moderate	Mid-Ebb	S	1	15:07	12.97	8.71	31.31	28.2	2.98	2	105	0.156	S
M1	20190423	Cloudy	Moderate	Mid-Ebb	S	1	15:07	13.28	8.89	31.82	28.1	2.92	3	103	0.212	E
CR1	20190423	Cloudy	Moderate	Mid-Ebb	B	11.6	14:51	9.58	8.52	28.42	28.2	2.8	4	105	0.2	E
CR1	20190423	Cloudy	Moderate	Mid-Ebb	B	11.6	14:51	9.16	8.61	29.12	28.1	2.65	5	105	0.244	S
CR1	20190423	Cloudy	Moderate	Mid-Ebb	M	6.3	14:52	9.16	8.76	27.91	28.1	2.59	4	104	0.169	S
CR1	20190423	Cloudy	Moderate	Mid-Ebb	M	6.3	14:52	8.92	8.62	27.34	28.1	2.6	3	104	0.252	S
CR1	20190423	Cloudy	Moderate	Mid-Ebb	S	1	14:53	9.33	8.49	31.51	28.1	2.44	3	105	0.098	SE
CR1	20190423	Cloudy	Moderate	Mid-Ebb	S	1	14:53	9.16	8.98	31.42	28.2	2.28	4	106	0.204	SE
CR2	20190423	Cloudy	Moderate	Mid-Ebb	B	9.8	14:26	12.36	8.5	27.38	28.2	1.97	4	103	0.174	SE
CR2	20190423	Cloudy	Moderate	Mid-Ebb	B	9.8	14:26	12.79	8.7	30.08	28.1	1.81	5	105	0.099	S
CR2	20190423	Cloudy	Moderate	Mid-Ebb	M	5.4	14:27	13.06	9.02	29.81	28.1	1.86	3	105	0.164	SE
CR2	20190423	Cloudy	Moderate	Mid-Ebb	M	5.4	14:27	13.45	8.56	33.06	28.1	1.71	4	106	0.187	E
CR2	20190423	Cloudy	Moderate	Mid-Ebb	S	1	14:28	13.92	8.48	32.73	28.1	1.52	2	106	0.143	S
CR2	20190423	Cloudy	Moderate	Mid-Ebb	S	1	14:28	14.22	8.36	28.41	28.3	1.47	<2	105	0.162	SE
S1	20190423	Cloudy	Moderate	Mid-Ebb	B	4	13:44	9.18	8.35	33.14	28.3	2.65	3	103	0.135	SE
S1	20190423	Cloudy	Moderate	Mid-Ebb	B	4	13:44	8.68	8.33	29.5	28.3	2.61	3	105	0.191	SE
S1	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:45	8.37	8.84	29.89	28.3	2.76	2	105	0.196	E
S1	20190423	Cloudy	Moderate	Mid-Ebb	S	1	13:45	8.5	8.34	33.15	28.1	2.94	3	105	0.233	S
S2A	20190423	Cloudy	Moderate	Mid-Ebb	B	8.6	14:11	11.5	8.55	28.42	28.2	2.94	3	103	0.244	SE
S2A	20190423	Cloudy	Moderate	Mid-Ebb	B	8.6	14:11	11.68	8.86	32.65	28.1	2.86	3	105	0.151	SE
S2A	20190423	Cloudy	Moderate	Mid-Ebb	M	4.8	14:12	12.02	8.81	30.67	28.3	2.79	3	102	0.242	E
S2A	20190423	Cloudy	Moderate	Mid-Ebb	M	4.8	14:12	11.76	8.67	32.17	28.3	2.91	<2	104	0.115	SE

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

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
S2A	20190423	Cloudy	Moderate	Mid-Ebb	S	1	14:13	11.64	8.42	29.96	28.2	2.8	2	105	0.216	S
S2A	20190423	Cloudy	Moderate	Mid-Ebb	S	1	14:13	11.86	8.53	32.95	28.3	2.94	3	102	0.175	SE
S3	20190423	Cloudy	Moderate	Mid-Ebb	B	7.1	14:36	12.45	8.4	28.86	28.3	2.57	2	104	0.238	SE
S3	20190423	Cloudy	Moderate	Mid-Ebb	B	7.1	14:36	12.76	8.87	29.28	28.2	2.45	2	102	0.152	S
S3	20190423	Cloudy	Moderate	Mid-Ebb	M	4.1	14:37	12.65	8.78	31.55	28.2	2.4	2	105	0.086	S
S3	20190423	Cloudy	Moderate	Mid-Ebb	M	4.1	14:37	12.82	8.77	30.45	28.1	2.6	<2	105	0.101	SE
S3	20190423	Cloudy	Moderate	Mid-Ebb	S	1	14:38	12.34	8.56	30.51	28.3	2.41	2	104	0.175	S
S3	20190423	Cloudy	Moderate	Mid-Ebb	S	1	14:38	11.92	8.73	27.95	28.3	2.5	2	105	0.193	SE
B1	20190425	Sunny	Moderate	Mid-Flood	B	4.5	10:23	12.16	8.61	32.92	25.3	1.57	6	102	0.19	SW
B1	20190425	Sunny	Moderate	Mid-Flood	B	4.5	10:23	12.3	8.68	30.92	25.3	1.38	6	102	0.197	SW
B1	20190425	Sunny	Moderate	Mid-Flood	S	1	10:24	12.75	8.63	31.77	25.2	1.3	6	102	0.216	NW
B1	20190425	Sunny	Moderate	Mid-Flood	S	1	10:24	13.24	8.8	29.47	25.3	1.38	6	101	0.207	NW
B2	20190425	Sunny	Moderate	Mid-Flood	B	4.5	10:44	12.76	8.84	32.19	25.2	3.47	Note 2	101	0.244	SW
B2	20190425	Sunny	Moderate	Mid-Flood	B	4.5	10:44	12.97	8.33	33.01	25.3	3.34	Note 2	102	0.214	SW
B2	20190425	Sunny	Moderate	Mid-Flood	S	1	10:45	12.58	8.44	33.44	25.3	3.19	7	101	0.224	SW
B2	20190425	Sunny	Moderate	Mid-Flood	S	1	10:45	12.84	8.77	28.91	25.3	3.2	7	102	0.132	W
B3	20190425	Sunny	Moderate	Mid-Flood	B	4.9	9:35	10.24	8.31	30.17	25.4	2.13	7	101	0.151	W
B3	20190425	Sunny	Moderate	Mid-Flood	B	4.9	9:35	9.97	8.79	27.42	25.3	2.22	7	103	0.164	W
B3	20190425	Sunny	Moderate	Mid-Flood	S	1	9:36	9.53	8.63	28.79	25.3	2.3	7	102	0.212	W
B3	20190425	Sunny	Moderate	Mid-Flood	S	1	9:36	9.37	8.6	27.94	25.4	2.43	8	103	0.125	W
B4	20190425	Sunny	Moderate	Mid-Flood	B	4.8	9:46	12.29	8.6	31.38	25.4	1.53	9	101	0.262	SW
B4	20190425	Sunny	Moderate	Mid-Flood	B	4.8	9:46	12.14	8.71	30.32	25.2	1.43	9	101	0.239	NW
B4	20190425	Sunny	Moderate	Mid-Flood	S	1	9:47	12.21	8.85	31.64	25.4	1.52	6	100	0.261	W
B4	20190425	Sunny	Moderate	Mid-Flood	S	1	9:47	12.13	8.88	28.19	25.3	1.43	7	102	0.276	W
C1A	20190425	Sunny	Moderate	Mid-Flood	B	9.2	9:58	11.87	8.61	31.23	25.3	2.25	7	103	0.164	W
C1A	20190425	Sunny	Moderate	Mid-Flood	B	9.2	9:58	11.61	8.88	30.24	25.3	2.28	6	101	0.143	W
C1A	20190425	Sunny	Moderate	Mid-Flood	M	5.1	9:59	11.14	8.66	32.44	25.4	2.46	6	103	0.196	W
C1A	20190425	Sunny	Moderate	Mid-Flood	M	5.1	9:59	10.78	8.45	30.91	25.3	2.3	6	102	0.241	NW
C1A	20190425	Sunny	Moderate	Mid-Flood	S	1	10:00	11.17	8.98	27.52	25.3	2.23	6	102	0.229	W
C1A	20190425	Sunny	Moderate	Mid-Flood	S	1	10:00	10.84	8.31	31.15	25.4	2.22	6	103	0.231	W
C2A	20190425	Sunny	Moderate	Mid-Flood	B	7.3	9:03	10.03	8.79	32.91	25.2	1.63	8	103	0.244	W
C2A	20190425	Sunny	Moderate	Mid-Flood	B	7.3	9:03	9.9	8.96	29.2	25.2	1.46	8	102	0.229	W

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

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
C2A	20190425	Sunny	Moderate	Mid-Flood	M	4.2	9:04	9.57	9.03	30.74	25.3	1.48	6	103	0.262	W
C2A	20190425	Sunny	Moderate	Mid-Flood	M	4.2	9:04	9.75	8.93	28.67	25.4	1.32	7	102	0.221	W
C2A	20190425	Sunny	Moderate	Mid-Flood	S	1	9:05	10.25	8.99	32.87	25.4	1.18	7	103	0.169	W
C2A	20190425	Sunny	Moderate	Mid-Flood	S	1	9:05	10.02	9.03	33.42	25.4	1.31	6	102	0.158	W
F1A	20190425	Sunny	Moderate	Mid-Flood	B	7.7	10:13	10.75	8.98	28.73	25.4	2.76	8	103	0.189	SW
F1A	20190425	Sunny	Moderate	Mid-Flood	B	7.7	10:13	11.23	8.54	29.09	25.2	2.57	9	103	0.196	W
F1A	20190425	Sunny	Moderate	Mid-Flood	M	4.4	10:14	11.02	8.42	30.72	25.3	2.69	9	103	0.199	NW
F1A	20190425	Sunny	Moderate	Mid-Flood	M	4.4	10:14	11.24	8.46	30.83	25.4	2.63	8	102	0.157	W
F1A	20190425	Sunny	Moderate	Mid-Flood	S	1	10:15	10.88	8.44	27.65	25.3	2.77	8	102	0.266	NW
F1A	20190425	Sunny	Moderate	Mid-Flood	S	1	10:15	10.69	8.32	28.92	25.3	2.66	9	102	0.126	SW
H1	20190425	Sunny	Moderate	Mid-Flood	B	6.8	9:21	11.45	8.38	32.18	25.3	3.04	5	102	0.138	SW
H1	20190425	Sunny	Moderate	Mid-Flood	B	6.8	9:21	11.88	8.61	31.36	25.2	3.07	6	101	0.261	NW
H1	20190425	Sunny	Moderate	Mid-Flood	M	3.9	9:22	11.61	8.6	30.21	25.3	3.1	7	102	0.253	SW
H1	20190425	Sunny	Moderate	Mid-Flood	M	3.9	9:22	11.77	8.72	27.69	25.4	3.16	7	102	0.204	SW
H1	20190425	Sunny	Moderate	Mid-Flood	S	1	9:23	12.07	8.69	30.84	25.3	3.11	7	102	0.184	SW
H1	20190425	Sunny	Moderate	Mid-Flood	S	1	9:23	11.99	9	32.87	25.3	2.94	7	103	0.167	W
M1	20190425	Sunny	Moderate	Mid-Flood	B	9	10:47	10.58	8.55	28.73	25.3	2.14	5	102	0.234	W
M1	20190425	Sunny	Moderate	Mid-Flood	B	9	10:47	10.12	8.39	30.35	25.3	2.19	6	102	0.245	W
M1	20190425	Sunny	Moderate	Mid-Flood	M	5	10:48	10.01	8.32	32.11	25.2	2.31	5	103	0.262	NW
M1	20190425	Sunny	Moderate	Mid-Flood	M	5	10:48	9.65	9.02	31.54	25.4	2.51	5	103	0.202	W
M1	20190425	Sunny	Moderate	Mid-Flood	S	1	10:49	9.71	8.42	33.21	25.4	2.38	6	104	0.191	NW
M1	20190425	Sunny	Moderate	Mid-Flood	S	1	10:49	9.45	8.58	29.93	25.2	2.33	6	103	0.271	W
CR1	20190425	Sunny	Moderate	Mid-Flood	B	11.2	9:14	10.18	8.6	29.11	25.4	2.81	4	102	0.286	W
CR1	20190425	Sunny	Moderate	Mid-Flood	B	11.2	9:14	9.76	8.61	27.41	25.2	2.76	5	103	0.231	SW
CR1	20190425	Sunny	Moderate	Mid-Flood	M	6.1	9:15	9.37	8.4	30.19	25.4	2.72	4	103	0.16	W
CR1	20190425	Sunny	Moderate	Mid-Flood	M	6.1	9:15	9.06	8.3	30.89	25.3	2.74	4	103	0.192	W
CR1	20190425	Sunny	Moderate	Mid-Flood	S	1	9:16	8.89	8.4	32.36	25.3	2.88	5	102	0.263	NW
CR1	20190425	Sunny	Moderate	Mid-Flood	S	1	9:16	8.72	8.34	33.17	25.4	2.77	6	104	0.199	W
CR2	20190425	Sunny	Moderate	Mid-Flood	B	10.4	9:26	13.02	8.54	28	25.3	2.91	6	103	0.17	W
CR2	20190425	Sunny	Moderate	Mid-Flood	B	10.4	9:26	12.85	8.44	28.74	25.3	2.78	5	102	0.148	W
CR2	20190425	Sunny	Moderate	Mid-Flood	M	5.7	9:27	13.04	8.84	32.67	25.2	2.77	6	102	0.249	W
CR2	20190425	Sunny	Moderate	Mid-Flood	M	5.7	9:27	13.17	8.63	30.49	25.3	2.94	7	102	0.17	W

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 Baseline Water Quality Monitoring Data

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
CR2	20190425	Sunny	Moderate	Mid-Flood	S	1	9:28	12.82	8.33	32.16	25.3	3.14	5	102	0.273	SW
CR2	20190425	Sunny	Moderate	Mid-Flood	S	1	9:28	13.24	8.61	32.45	25.4	3.11	6	103	0.197	W
S1	20190425	Sunny	Moderate	Mid-Flood	B	4.5	10:33	11.24	8.95	30.57	25.2	1.59	7	103	0.247	SW
S1	20190425	Sunny	Moderate	Mid-Flood	B	4.5	10:33	11.14	8.67	28.96	25.3	1.6	6	102	0.238	SW
S1	20190425	Sunny	Moderate	Mid-Flood	S	1	10:34	11.58	8.9	27.95	25.3	1.74	5	102	0.122	W
S1	20190425	Sunny	Moderate	Mid-Flood	S	1	10:34	11.44	8.66	27.75	25.3	1.8	6	103	0.288	W
S2A	20190425	Sunny	Moderate	Mid-Flood	B	8.8	11:01	12.08	8.55	32.28	25.3	2.72	7	102	0.222	W
S2A	20190425	Sunny	Moderate	Mid-Flood	B	8.8	11:01	11.82	8.55	30.9	25.3	2.82	8	102	0.277	W
S2A	20190425	Sunny	Moderate	Mid-Flood	M	4.9	11:02	12.28	8.43	32.89	25.4	2.96	8	102	0.207	W
S2A	20190425	Sunny	Moderate	Mid-Flood	M	4.9	11:02	12.33	8.48	31.54	25.3	3.11	8	102	0.162	NW
S2A	20190425	Sunny	Moderate	Mid-Flood	S	1	11:03	12.28	8.82	29.89	25.4	3.25	7	103	0.241	W
S2A	20190425	Sunny	Moderate	Mid-Flood	S	1	11:03	12.32	8.67	28.57	25.3	3.31	7	101	0.182	NW
S3	20190425	Sunny	Moderate	Mid-Flood	B	7.2	9:36	11.99	8.85	27.84	25.3	2.83	6	102	0.285	W
S3	20190425	Sunny	Moderate	Mid-Flood	B	7.2	9:36	11.74	8.83	27.46	25.3	2.97	7	102	0.272	W
S3	20190425	Sunny	Moderate	Mid-Flood	M	4.1	9:37	11.93	8.85	33.44	25.2	3.15	5	101	0.173	W
S3	20190425	Sunny	Moderate	Mid-Flood	M	4.1	9:37	12.17	8.99	32.92	25.3	3.27	5	102	0.131	NW
S3	20190425	Sunny	Moderate	Mid-Flood	S	1	9:38	12.67	8.73	31.83	25.3	3.37	4	101	0.291	SW
S3	20190425	Sunny	Moderate	Mid-Flood	S	1	9:38	12.85	8.75	29.59	25.4	3.19	4	102	0.259	W
B1	20190425	Sunny	Moderate	Mid-Ebb	B	4.2	15:14	12.41	8.37	28.99	27.8	1.63	6	103	0.084	SE
B1	20190425	Sunny	Moderate	Mid-Ebb	B	4.2	15:14	11.91	8.6	31.46	27.7	1.47	5	102	0.127	E
B1	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:15	11.96	8.36	27.36	27.7	1.35	8	102	0.16	S
B1	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:15	12.01	8.65	32.81	27.7	1.53	7	103	0.14	SE
B2	20190425	Sunny	Moderate	Mid-Ebb	B	4.5	15:35	10.84	8.35	32.54	27.8	2.96	5	103	0.101	S
B2	20190425	Sunny	Moderate	Mid-Ebb	B	4.5	15:35	10.44	8.51	31.66	27.6	2.93	4	104	0.152	SE
B2	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:36	10.24	8.9	29.96	27.8	3.04	7	103	0.13	S
B2	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:36	10.03	8.77	30.65	27.8	3.1	7	103	0.147	S
B3	20190425	Sunny	Moderate	Mid-Ebb	B	4.1	15:33	9.87	8.42	27.9	27.7	1.61	8	103	0.161	SE
B3	20190425	Sunny	Moderate	Mid-Ebb	B	4.1	15:33	10.01	8.42	28.02	27.8	1.76	8	104	0.087	S
B3	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:34	10.18	8.53	32.77	27.8	1.82	5	102	0.161	SE
B3	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:34	9.69	8.55	28.36	27.6	1.64	6	104	0.116	E
B4	20190425	Sunny	Moderate	Mid-Ebb	B	4.8	15:45	13.06	8.68	28.43	27.8	1.58	6	102	0.138	SE
B4	20190425	Sunny	Moderate	Mid-Ebb	B	4.8	15:45	12.77	8.39	27.87	27.7	1.46	6	103	0.152	E

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

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
B4	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:46	12.32	8.85	28.2	27.7	1.37	6	102	0.136	E
B4	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:46	12.75	8.72	28.87	27.7	1.39	5	104	0.089	E
C1A	20190425	Sunny	Moderate	Mid-Ebb	B	9.5	14:48	10.9	8.42	32.66	27.8	2.49	7	102	0.096	S
C1A	20190425	Sunny	Moderate	Mid-Ebb	B	9.5	14:48	10.6	8.39	32.66	27.6	2.51	6	102	0.126	SE
C1A	20190425	Sunny	Moderate	Mid-Ebb	M	5.3	14:49	10.66	8.49	27.48	27.6	2.43	6	103	0.144	SE
C1A	20190425	Sunny	Moderate	Mid-Ebb	M	5.3	14:49	10.31	8.59	32.37	27.8	2.45	7	101	0.143	S
C1A	20190425	Sunny	Moderate	Mid-Ebb	S	1	14:50	9.91	8.36	29.39	27.6	2.63	6	103	0.133	S
C1A	20190425	Sunny	Moderate	Mid-Ebb	S	1	14:50	9.64	8.56	31.79	27.7	2.44	7	103	0.103	E
C2A	20190425	Sunny	Moderate	Mid-Ebb	B	7.3	14:56	10.98	8.74	29.93	27.8	3.13	6	102	0.101	S
C2A	20190425	Sunny	Moderate	Mid-Ebb	B	7.3	14:56	10.49	8.41	28.68	27.7	3.3	7	103	0.16	E
C2A	20190425	Sunny	Moderate	Mid-Ebb	M	4.2	14:57	10.72	8.69	27.3	27.6	3.16	5	102	0.082	SE
C2A	20190425	Sunny	Moderate	Mid-Ebb	M	4.2	14:57	10.93	9	27.81	27.6	3.19	6	103	0.118	SE
C2A	20190425	Sunny	Moderate	Mid-Ebb	S	1	14:58	10.93	8.79	29.47	27.7	3.02	5	104	0.114	SE
C2A	20190425	Sunny	Moderate	Mid-Ebb	S	1	14:58	10.72	8.73	31.5	27.7	3	5	102	0.11	SE
F1A	20190425	Sunny	Moderate	Mid-Ebb	B	6.2	16:14	10.22	8.68	30.64	27.6	2.58	4	102	0.094	E
F1A	20190425	Sunny	Moderate	Mid-Ebb	B	6.2	16:14	10.4	8.5	33.11	27.8	2.58	5	102	0.127	S
F1A	20190425	Sunny	Moderate	Mid-Ebb	M	3.6	16:15	10.89	8.67	28.28	27.7	2.51	5	103	0.152	SE
F1A	20190425	Sunny	Moderate	Mid-Ebb	M	3.6	16:15	10.78	8.83	27.32	27.7	2.39	5	102	0.076	E
F1A	20190425	Sunny	Moderate	Mid-Ebb	S	1	16:16	10.55	8.97	29.11	27.8	2.23	6	103	0.148	S
F1A	20190425	Sunny	Moderate	Mid-Ebb	S	1	16:16	10.71	8.8	31.21	27.8	2.43	6	103	0.132	SE
H1	20190425	Sunny	Moderate	Mid-Ebb	B	6.9	15:17	12.84	8.35	27.72	27.7	3.27	6	103	0.126	S
H1	20190425	Sunny	Moderate	Mid-Ebb	B	6.9	15:17	13.19	8.86	30.06	27.6	3.1	7	104	0.153	S
H1	20190425	Sunny	Moderate	Mid-Ebb	M	4	15:18	12.88	8.49	28.81	27.7	3.3	7	102	0.087	S
H1	20190425	Sunny	Moderate	Mid-Ebb	M	4	15:18	12.68	8.36	29.66	27.8	3.1	6	102	0.111	S
H1	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:19	12.32	8.94	27.65	27.7	3.2	5	102	0.111	S
H1	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:19	12	9.03	32.13	27.6	3.03	4	102	0.081	SE
M1	20190425	Sunny	Moderate	Mid-Ebb	B	8	16:46	11.75	8.65	30.44	27.7	2.61	4	102	0.116	E
M1	20190425	Sunny	Moderate	Mid-Ebb	B	8	16:46	11.29	8.52	28.89	27.8	2.5	5	102	0.143	S
M1	20190425	Sunny	Moderate	Mid-Ebb	M	4.5	16:47	10.84	8.75	29.43	27.8	2.66	6	103	0.142	S
M1	20190425	Sunny	Moderate	Mid-Ebb	M	4.5	16:47	10.67	8.69	31.45	27.6	2.49	5	102	0.139	SE
M1	20190425	Sunny	Moderate	Mid-Ebb	S	1	16:48	10.5	8.59	33.09	27.7	2.56	5	102	0.14	S
M1	20190425	Sunny	Moderate	Mid-Ebb	S	1	16:48	10.43	8.6	32.26	27.7	2.67	5	102	0.152	SE

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

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
CR1	20190425	Sunny	Moderate	Mid-Ebb	B	11.7	16:28	12.3	8.43	29.95	27.8	2.57	8	101	0.154	SE
CR1	20190425	Sunny	Moderate	Mid-Ebb	B	11.7	16:28	12.48	8.44	30.31	27.6	2.71	8	102	0.122	SE
CR1	20190425	Sunny	Moderate	Mid-Ebb	M	6.4	16:29	12.55	8.85	27.54	27.7	2.72	6	102	0.127	SE
CR1	20190425	Sunny	Moderate	Mid-Ebb	M	6.4	16:29	12.85	8.35	31.15	27.7	2.56	7	102	0.146	E
CR1	20190425	Sunny	Moderate	Mid-Ebb	S	1	16:30	12.57	9.02	27.53	27.6	2.43	6	101	0.136	SE
CR1	20190425	Sunny	Moderate	Mid-Ebb	S	1	16:30	12.57	8.8	29.16	27.7	2.51	6	102	0.138	S
CR2	20190425	Sunny	Moderate	Mid-Ebb	B	10.2	16:05	10.55	8.76	28.87	27.8	3.34	5	102	0.113	S
CR2	20190425	Sunny	Moderate	Mid-Ebb	B	10.2	16:05	10.18	8.88	31.95	27.6	3.54	6	102	0.136	S
CR2	20190425	Sunny	Moderate	Mid-Ebb	M	5.6	16:06	10.33	8.44	28	27.7	3.72	7	102	0.135	SE
CR2	20190425	Sunny	Moderate	Mid-Ebb	M	5.6	16:06	10.78	8.99	33.38	27.6	3.9	6	102	0.084	SE
CR2	20190425	Sunny	Moderate	Mid-Ebb	S	1	16:07	11.22	8.92	28.54	27.7	3.97	8	101	0.151	SE
CR2	20190425	Sunny	Moderate	Mid-Ebb	S	1	16:07	11.21	8.61	30.23	27.7	3.78	8	103	0.148	S
S1	20190425	Sunny	Moderate	Mid-Ebb	B	3.8	15:24	11.45	8.3	33.17	27.8	1.66	6	102	0.161	S
S1	20190425	Sunny	Moderate	Mid-Ebb	B	3.8	15:24	11.45	8.54	33.23	27.7	1.63	6	102	0.144	S
S1	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:25	11.5	8.88	27.27	27.7	1.62	6	102	0.161	S
S1	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:25	11.8	8.37	30.58	27.8	1.79	5	101	0.149	SE
S2A	20190425	Sunny	Moderate	Mid-Ebb	B	8.4	15:52	11.74	8.43	32.66	27.8	1.87	7	102	0.096	SE
S2A	20190425	Sunny	Moderate	Mid-Ebb	B	8.4	15:52	12.6	8.96	32.15	27.7	1.93	7	101	0.106	S
S2A	20190425	Sunny	Moderate	Mid-Ebb	M	4.7	15:53	12.38	8.61	27.4	27.7	1.77	7	102	0.098	SE
S2A	20190425	Sunny	Moderate	Mid-Ebb	M	4.7	15:53	12.6	8.39	29.14	27.7	1.61	7	103	0.117	SE
S2A	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:54	12.65	8.34	30.24	27.8	1.43	7	102	0.157	E
S2A	20190425	Sunny	Moderate	Mid-Ebb	S	1	15:54	12.51	8.99	30.7	27.7	1.27	6	102	0.124	S
S3	20190425	Sunny	Moderate	Mid-Ebb	B	6.9	16:15	12.58	8.72	29.07	27.6	2.4	7	103	0.146	SE
S3	20190425	Sunny	Moderate	Mid-Ebb	B	6.9	16:15	12.42	8.5	28.21	27.7	2.2	7	101	0.106	S
S3	20190425	Sunny	Moderate	Mid-Ebb	M	4	16:16	12.14	8.43	28.34	27.8	2.15	6	101	0.121	S
S3	20190425	Sunny	Moderate	Mid-Ebb	M	4	16:16	11.75	8.72	30.37	27.7	2.07	6	103	0.118	E
S3	20190425	Sunny	Moderate	Mid-Ebb	S	1	16:17	11.48	9.04	31.36	27.8	1.94	6	102	0.139	SE
S3	20190425	Sunny	Moderate	Mid-Ebb	S	1	16:17	11.92	8.56	32.56	27.7	1.99	5	102	0.093	SE
B1	20190427	Cloudy	Moderate	Mid-Flood	B	4.9	11:01	10.89	8.69	33.34	22.9	2.39	5	107	0.198	W
B1	20190427	Cloudy	Moderate	Mid-Flood	B	4.9	11:01	11.32	8.41	31.81	22.9	2.37	5	107	0.223	SW
B1	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:02	11.68	9.03	32.95	22.9	2.49	3	108	0.195	NW
B1	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:02	11.69	8.63	28.02	22.9	2.59	4	108	0.259	SW

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
B2	20190427	Cloudy	Moderate	Mid-Flood	B	4.8	11:23	10.37	8.57	32.99	23	2.07	4	107	0.252	W
B2	20190427	Cloudy	Moderate	Mid-Flood	B	4.8	11:23	10.66	8.95	33.36	23.1	2.22	3	108	0.204	NW
B2	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:24	10.67	9.02	33.39	23	2.17	2	109	0.176	W
B2	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:24	10.33	8.51	27.51	23	2.27	2	107	0.25	NW
B3	20190427	Cloudy	Moderate	Mid-Flood	B	4.2	10:38	9.82	8.53	28.26	22.9	2.73	5	109	0.18	W
B3	20190427	Cloudy	Moderate	Mid-Flood	B	4.2	10:38	9.54	8.65	29.1	23.1	2.63	5	108	0.27	W
B3	20190427	Cloudy	Moderate	Mid-Flood	S	1	10:39	9.83	8.79	30.47	23	2.77	2	107	0.211	W
B3	20190427	Cloudy	Moderate	Mid-Flood	S	1	10:39	9.53	9.01	29.57	23	2.86	3	107	0.176	W
B4	20190427	Cloudy	Moderate	Mid-Flood	B	4.9	10:49	11.57	9.02	32.97	23	3	4	108	0.268	NW
B4	20190427	Cloudy	Moderate	Mid-Flood	B	4.9	10:49	11.83	9	30.1	23	2.89	5	107	0.253	SW
B4	20190427	Cloudy	Moderate	Mid-Flood	S	1	10:50	11.43	8.62	30.59	23	2.7	7	108	0.273	W
B4	20190427	Cloudy	Moderate	Mid-Flood	S	1	10:50	11.64	8.99	30.7	23.1	2.67	8	108	0.252	SW
C1A	20190427	Cloudy	Moderate	Mid-Flood	B	9	10:33	11.72	8.59	31.74	23.1	3.7	4	108	0.196	NW
C1A	20190427	Cloudy	Moderate	Mid-Flood	B	9	10:33	11.75	8.61	31.98	23.1	3.64	5	108	0.278	W
C1A	20190427	Cloudy	Moderate	Mid-Flood	M	5	10:34	11.5	8.97	27.85	23.1	3.76	4	108	0.206	W
C1A	20190427	Cloudy	Moderate	Mid-Flood	M	5	10:34	11.82	8.83	33.43	23	3.56	5	108	0.199	W
C1A	20190427	Cloudy	Moderate	Mid-Flood	S	1	10:35	12.31	8.95	32.19	22.9	3.72	4	108	0.236	SW
C1A	20190427	Cloudy	Moderate	Mid-Flood	S	1	10:35	12.06	8.44	28.26	23	3.8	5	108	0.181	W
C2A	20190427	Cloudy	Moderate	Mid-Flood	B	7	10:06	12.47	8.34	32.75	22.9	3.78	5	107	0.238	W
C2A	20190427	Cloudy	Moderate	Mid-Flood	B	7	10:06	12.91	8.7	31.41	23	3.7	4	108	0.241	W
C2A	20190427	Cloudy	Moderate	Mid-Flood	M	4	10:07	12.73	9.01	28.64	22.9	3.63	4	106	0.179	W
C2A	20190427	Cloudy	Moderate	Mid-Flood	M	4	10:07	13.18	9.04	33.02	23.1	3.66	5	108	0.199	NW
C2A	20190427	Cloudy	Moderate	Mid-Flood	S	1	10:08	12.76	8.4	30.03	22.9	3.84	4	108	0.239	W
C2A	20190427	Cloudy	Moderate	Mid-Flood	S	1	10:08	12.48	8.8	29.45	23	3.98	4	107	0.277	W
F1A	20190427	Cloudy	Moderate	Mid-Flood	B	7.8	11:19	11.12	8.94	32.33	23	2.79	3	107	0.258	W
F1A	20190427	Cloudy	Moderate	Mid-Flood	B	7.8	11:19	11.31	8.46	31.92	23.1	2.79	3	108	0.203	W
F1A	20190427	Cloudy	Moderate	Mid-Flood	M	4.4	11:20	10.9	8.88	29.31	23.1	2.82	3	107	0.191	W
F1A	20190427	Cloudy	Moderate	Mid-Flood	M	4.4	11:20	11.13	8.85	29.61	22.9	2.92	4	108	0.229	W
F1A	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:21	10.68	8.46	30.9	23	2.94	3	108	0.21	NW
F1A	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:21	10.28	8.42	33.34	22.9	3.01	3	108	0.263	SW
H1	20190427	Cloudy	Moderate	Mid-Flood	B	6.6	10:26	11.21	8.42	30.97	22.9	2.67	5	108	0.272	W
H1	20190427	Cloudy	Moderate	Mid-Flood	B	6.6	10:26	11.21	8.38	29.39	23.1	2.64	5	107	0.251	SW

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

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
H1	20190427	Cloudy	Moderate	Mid-Flood	M	3.8	10:27	10.72	8.79	29.1	23.1	2.65	3	108	0.228	SW
H1	20190427	Cloudy	Moderate	Mid-Flood	M	3.8	10:27	10.81	8.51	32.44	22.9	2.63	3	108	0.194	SW
H1	20190427	Cloudy	Moderate	Mid-Flood	S	1	10:28	11.31	8.3	30.33	23	2.64	4	107	0.187	SW
H1	20190427	Cloudy	Moderate	Mid-Flood	S	1	10:28	11.31	8.35	32.33	23.1	2.63	4	109	0.21	W
M1	20190427	Cloudy	Moderate	Mid-Flood	B	8.9	11:56	9.99	8.81	29.01	23	2.89	4	108	0.216	SW
M1	20190427	Cloudy	Moderate	Mid-Flood	B	8.9	11:56	10.32	8.46	29.71	23.1	2.87	4	109	0.276	SW
M1	20190427	Cloudy	Moderate	Mid-Flood	M	5	11:57	10.32	8.39	29.76	22.9	2.72	4	107	0.279	SW
M1	20190427	Cloudy	Moderate	Mid-Flood	M	5	11:57	10.27	8.83	33.09	23	2.67	3	109	0.284	W
M1	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:58	10.54	8.43	28.1	23	2.47	4	108	0.244	W
M1	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:58	10.42	8.85	28.27	22.9	2.41	4	108	0.209	W
CR1	20190427	Cloudy	Moderate	Mid-Flood	B	12.1	12:19	10.54	8.86	31.31	22.9	3.62	6	108	0.234	W
CR1	20190427	Cloudy	Moderate	Mid-Flood	B	12.1	12:19	10.85	8.5	28.27	23.1	3.63	6	109	0.229	SW
CR1	20190427	Cloudy	Moderate	Mid-Flood	M	6.6	12:20	11.01	8.45	29.71	23	3.54	6	108	0.261	SW
CR1	20190427	Cloudy	Moderate	Mid-Flood	M	6.6	12:20	10.82	8.46	28.02	22.9	3.4	6	108	0.208	W
CR1	20190427	Cloudy	Moderate	Mid-Flood	S	1	12:21	10.47	8.54	30.14	22.9	3.42	4	108	0.239	W
CR1	20190427	Cloudy	Moderate	Mid-Flood	S	1	12:21	10.94	8.34	33.38	23.1	3.43	4	108	0.234	W
CR2	20190427	Cloudy	Moderate	Mid-Flood	B	9.8	11:53	11.58	8.88	29.46	23	2.39	6	108	0.188	SW
CR2	20190427	Cloudy	Moderate	Mid-Flood	B	9.8	11:53	11.89	8.6	31.47	23.1	2.24	5	108	0.285	W
CR2	20190427	Cloudy	Moderate	Mid-Flood	M	5.4	11:54	11.93	8.7	29.25	23	2.25	6	108	0.224	SW
CR2	20190427	Cloudy	Moderate	Mid-Flood	M	5.4	11:54	12.37	8.33	32.44	23	2.37	6	107	0.226	W
CR2	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:55	12.45	8.54	31.38	22.9	2.29	5	109	0.202	SW
CR2	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:55	12.78	8.34	27.62	23.1	2.17	5	108	0.281	NW
S1	20190427	Cloudy	Moderate	Mid-Flood	B	4.4	11:10	12.79	8.84	30.9	23.1	3.82	4	108	0.204	W
S1	20190427	Cloudy	Moderate	Mid-Flood	B	4.4	11:10	12.67	8.7	32.84	23	3.76	4	107	0.242	W
S1	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:11	12.78	9	28.14	23	3.84	4	107	0.183	W
S1	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:11	12.33	8.3	32.29	23	3.86	3	109	0.199	W
S2A	20190427	Cloudy	Moderate	Mid-Flood	B	8.5	11:37	12.82	8.52	32.48	23.1	3.46	4	108	0.182	NW
S2A	20190427	Cloudy	Moderate	Mid-Flood	B	8.5	11:37	12.44	8.73	31.89	23	3.44	4	108	0.203	W
S2A	20190427	Cloudy	Moderate	Mid-Flood	M	4.8	11:38	12.67	9.04	31.62	22.9	3.29	3	108	0.243	W
S2A	20190427	Cloudy	Moderate	Mid-Flood	M	4.8	11:38	12.28	8.63	29.62	23.1	3.42	3	107	0.192	NW
S2A	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:39	12.36	8.46	30.86	23	3.34	3	106	0.271	W
S2A	20190427	Cloudy	Moderate	Mid-Flood	S	1	11:39	12.71	8.45	28.37	23	3.17	4	107	0.182	NW

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
S3	20190427	Cloudy	Moderate	Mid-Flood	B	7.1	12:05	12.86	8.93	33.28	22.9	2.15	6	107	0.264	W
S3	20190427	Cloudy	Moderate	Mid-Flood	B	7.1	12:05	13.22	8.8	32.89	22.9	2.16	5	109	0.175	W
S3	20190427	Cloudy	Moderate	Mid-Flood	M	4.1	12:06	13.43	8.85	29.31	23	2.11	3	108	0.185	W
S3	20190427	Cloudy	Moderate	Mid-Flood	M	4.1	12:06	13.86	8.98	29.62	23	2.01	4	108	0.249	SW
S3	20190427	Cloudy	Moderate	Mid-Flood	S	1	12:07	13.88	8.52	31.73	23	1.95	4	108	0.279	W
S3	20190427	Cloudy	Moderate	Mid-Flood	S	1	12:07	13.43	8.77	27.58	23	1.75	2	108	0.225	NW
B1	20190427	Cloudy	Moderate	Mid-Ebb	B	5.1	15:00	10.33	8.38	31.85	22.7	2.43	8	109	0.222	SE
B1	20190427	Cloudy	Moderate	Mid-Ebb	B	5.1	15:00	10.08	8.7	31.76	22.8	2.33	8	108	0.178	S
B1	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:01	9.96	8.34	27.95	22.5	2.41	7	107	0.2	S
B1	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:01	10.02	8.8	28.38	22.6	2.39	7	107	0.221	S
B2	20190427	Cloudy	Moderate	Mid-Ebb	B	4.4	16:22	9.8	8.77	31.92	22.6	2.12	6	108	0.144	E
B2	20190427	Cloudy	Moderate	Mid-Ebb	B	4.4	16:22	10.11	8.52	32.27	22.7	2.14	6	108	0.175	E
B2	20190427	Cloudy	Moderate	Mid-Ebb	S	1	16:23	10.46	8.35	32.42	22.6	2.19	5	108	0.186	S
B2	20190427	Cloudy	Moderate	Mid-Ebb	S	1	16:23	10.06	9.02	33.31	22.7	2.32	5	106	0.173	E
B3	20190427	Cloudy	Moderate	Mid-Ebb	B	3.9	15:08	12.17	8.86	31.59	22.5	3.17	6	108	0.211	SE
B3	20190427	Cloudy	Moderate	Mid-Ebb	B	3.9	15:08	11.76	8.58	29.71	22.6	3.11	5	108	0.158	E
B3	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:09	11.32	8.57	32.27	22.6	3.15	6	107	0.16	S
B3	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:09	11.55	8.72	31.3	22.8	3.06	6	109	0.141	E
B4	20190427	Cloudy	Moderate	Mid-Ebb	B	4.1	15:18	12.61	8.86	33.44	22.6	3.48	3	108	0.165	S
B4	20190427	Cloudy	Moderate	Mid-Ebb	B	4.1	15:18	12.63	8.57	31.93	22.7	3.35	4	110	0.218	S
B4	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:19	13.05	8.53	29.86	22.6	3.34	4	108	0.188	S
B4	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:19	13.25	8.79	27.85	22.6	3.35	3	108	0.138	SE
C1A	20190427	Cloudy	Moderate	Mid-Ebb	B	8.3	14:34	10.62	8.88	32.84	22.5	2.5	3	108	0.172	S
C1A	20190427	Cloudy	Moderate	Mid-Ebb	B	8.3	14:34	10.37	8.98	27.46	22.8	2.32	3	108	0.157	S
C1A	20190427	Cloudy	Moderate	Mid-Ebb	M	4.7	14:35	10.75	8.77	32.82	22.7	2.39	4	108	0.184	S
C1A	20190427	Cloudy	Moderate	Mid-Ebb	M	4.7	14:35	10.82	8.91	31.54	22.7	2.51	4	109	0.148	SE
C1A	20190427	Cloudy	Moderate	Mid-Ebb	S	1	14:36	11.01	8.47	30.32	22.8	2.64	3	108	0.153	E
C1A	20190427	Cloudy	Moderate	Mid-Ebb	S	1	14:36	11.27	8.44	32.62	22.7	2.78	4	108	0.161	SE
C2A	20190427	Cloudy	Moderate	Mid-Ebb	B	7	14:35	10.69	8.49	30.51	22.6	2.32	6	109	0.149	SE
C2A	20190427	Cloudy	Moderate	Mid-Ebb	B	7	14:35	10.52	9.03	28.4	22.8	2.16	5	108	0.165	SE
C2A	20190427	Cloudy	Moderate	Mid-Ebb	M	4	14:36	10.79	8.74	27.95	22.5	2.28	3	109	0.219	E
C2A	20190427	Cloudy	Moderate	Mid-Ebb	M	4	14:36	10.78	8.92	30.4	22.7	2.48	4	108	0.197	SE

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

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
C2A	20190427	Cloudy	Moderate	Mid-Ebb	S	1	14:37	10.42	8.41	31.02	22.7	2.31	3	107	0.188	E
C2A	20190427	Cloudy	Moderate	Mid-Ebb	S	1	14:37	10.4	8.94	28.96	22.7	2.14	4	108	0.167	S
F1A	20190427	Cloudy	Moderate	Mid-Ebb	B	7.2	15:45	10.17	8.56	29.57	22.6	3.87	5	108	0.175	SE
F1A	20190427	Cloudy	Moderate	Mid-Ebb	B	7.2	15:45	10.31	8.75	29.73	22.8	3.71	5	107	0.141	E
F1A	20190427	Cloudy	Moderate	Mid-Ebb	M	4.1	15:46	10.64	8.77	32.78	22.6	3.9	6	108	0.159	E
F1A	20190427	Cloudy	Moderate	Mid-Ebb	M	4.1	15:46	10.16	9.02	28.22	22.8	3.79	7	108	0.155	E
F1A	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:47	10.59	8.79	32.32	22.5	3.66	5	108	0.177	SE
F1A	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:47	10.61	8.51	29.61	22.5	3.84	5	108	0.17	SE
H1	20190427	Cloudy	Moderate	Mid-Ebb	B	6.3	14:48	12.49	8.36	28.36	22.7	2.98	4	108	0.15	S
H1	20190427	Cloudy	Moderate	Mid-Ebb	B	6.3	14:48	12.54	8.8	32.48	22.6	2.99	4	108	0.136	S
H1	20190427	Cloudy	Moderate	Mid-Ebb	M	3.7	14:49	12.08	8.51	28.92	22.8	2.94	4	108	0.174	SE
H1	20190427	Cloudy	Moderate	Mid-Ebb	M	3.7	14:49	12.51	8.68	28.05	22.5	2.81	4	108	0.155	SE
H1	20190427	Cloudy	Moderate	Mid-Ebb	S	1	14:50	12.12	8.67	27.69	22.8	2.81	5	108	0.163	SE
H1	20190427	Cloudy	Moderate	Mid-Ebb	S	1	14:50	12.58	8.95	27.92	22.8	2.99	4	108	0.146	SE
M1	20190427	Cloudy	Moderate	Mid-Ebb	B	8.9	16:21	11.41	8.78	28.03	22.6	2.89	7	108	0.212	SE
M1	20190427	Cloudy	Moderate	Mid-Ebb	B	8.9	16:21	11.62	8.63	31.56	22.8	3.01	7	108	0.189	SE
M1	20190427	Cloudy	Moderate	Mid-Ebb	M	5	16:22	11.98	8.33	31.53	22.8	2.83	6	107	0.192	E
M1	20190427	Cloudy	Moderate	Mid-Ebb	M	5	16:22	12.26	8.63	28.3	22.6	2.66	7	108	0.177	S
M1	20190427	Cloudy	Moderate	Mid-Ebb	S	1	16:23	11.83	8.33	31.16	22.7	2.83	4	108	0.196	SE
M1	20190427	Cloudy	Moderate	Mid-Ebb	S	1	16:23	11.33	9.03	29.18	22.8	2.65	5	107	0.153	S
CR1	20190427	Cloudy	Moderate	Mid-Ebb	B	10.3	16:18	11.25	8.45	32.4	22.7	3.83	8	107	0.207	E
CR1	20190427	Cloudy	Moderate	Mid-Ebb	B	10.3	16:18	10.96	8.63	32.65	22.5	3.78	7	108	0.186	E
CR1	20190427	Cloudy	Moderate	Mid-Ebb	M	5.7	16:19	10.84	8.98	27.47	22.6	3.86	6	108	0.171	S
CR1	20190427	Cloudy	Moderate	Mid-Ebb	M	5.7	16:19	10.51	8.51	29.63	22.7	4.01	5	108	0.14	E
CR1	20190427	Cloudy	Moderate	Mid-Ebb	S	1	16:20	10.46	8.31	33.33	22.6	4.07	6	107	0.15	SE
CR1	20190427	Cloudy	Moderate	Mid-Ebb	S	1	16:20	9.98	8.97	28.93	22.5	4.01	7	107	0.137	SE
CR2	20190427	Cloudy	Moderate	Mid-Ebb	B	9.8	15:53	11.93	8.54	33.02	22.8	2	4	108	0.183	SE
CR2	20190427	Cloudy	Moderate	Mid-Ebb	B	9.8	15:53	11.59	9.02	32.89	22.5	1.98	5	108	0.163	SE
CR2	20190427	Cloudy	Moderate	Mid-Ebb	M	5.4	15:54	11.26	8.82	32.92	22.6	2.08	5	107	0.208	SE
CR2	20190427	Cloudy	Moderate	Mid-Ebb	M	5.4	15:54	11.51	8.76	30.93	22.8	2.18	6	107	0.151	SE
CR2	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:55	11.03	8.89	29.54	22.7	2.08	6	109	0.189	S
CR2	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:55	11	8.94	32.52	22.7	2.12	6	108	0.18	SE

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

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
S1	20190427	Cloudy	Moderate	Mid-Ebb	B	4.1	15:11	9.8	9.01	29.85	22.6	2.29	4	109	0.195	SE
S1	20190427	Cloudy	Moderate	Mid-Ebb	B	4.1	15:11	10.23	8.74	28.8	22.7	2.37	4	108	0.164	SE
S1	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:12	10.29	8.91	28.67	22.6	2.26	4	108	0.15	S
S1	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:12	10.26	8.53	28.09	22.5	2.43	3	108	0.191	SE
S2A	20190427	Cloudy	Moderate	Mid-Ebb	B	8	15:38	10.27	8.67	32.84	22.5	2.1	7	107	0.187	SE
S2A	20190427	Cloudy	Moderate	Mid-Ebb	B	8	15:38	9.78	8.63	30.68	22.7	2.13	7	109	0.156	S
S2A	20190427	Cloudy	Moderate	Mid-Ebb	M	4.5	15:39	9.59	8.68	28.35	22.8	2.24	4	107	0.15	SE
S2A	20190427	Cloudy	Moderate	Mid-Ebb	M	4.5	15:39	9.42	8.49	27.73	22.7	2.14	5	108	0.183	SE
S2A	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:40	8.96	8.92	29.25	22.7	2.2	4	109	0.216	S
S2A	20190427	Cloudy	Moderate	Mid-Ebb	S	1	15:40	9.07	8.57	28.03	22.6	2.19	4	108	0.199	SE
S3	20190427	Cloudy	Moderate	Mid-Ebb	B	7.3	16:06	12.69	8.42	30.78	22.7	3.06	4	107	0.143	S
S3	20190427	Cloudy	Moderate	Mid-Ebb	B	7.3	16:06	12.96	8.72	31.59	22.5	3.25	4	108	0.205	SE
S3	20190427	Cloudy	Moderate	Mid-Ebb	M	4.2	16:07	12.81	8.65	32.68	22.7	3.17	8	107	0.164	E
S3	20190427	Cloudy	Moderate	Mid-Ebb	M	4.2	16:07	12.64	8.73	31	22.8	3.16	8	107	0.142	E
S3	20190427	Cloudy	Moderate	Mid-Ebb	S	1	16:08	12.47	9.03	31.9	22.7	3.1	8	107	0.151	S
S3	20190427	Cloudy	Moderate	Mid-Ebb	S	1	16:08	12.44	8.32	27.42	22.5	2.93	7	108	0.211	E
B1	20190429	Sunny	Moderate	Mid-Ebb	B	4.4	9:07	11.07	8.56	29.21	25.1	2.92	5	103	0.124	SE
B1	20190429	Sunny	Moderate	Mid-Ebb	B	4.4	9:07	11.17	8.69	30.62	25.2	3.04	5	103	0.089	SE
B1	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:08	11.32	8.39	30.36	25.2	2.99	6	103	0.155	S
B1	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:08	11.17	8.69	27.84	25.2	2.96	5	103	0.148	SE
B2	20190429	Sunny	Moderate	Mid-Ebb	B	4.4	9:27	13.33	8.38	29.72	25.1	1.48	5	103	0.15	E
B2	20190429	Sunny	Moderate	Mid-Ebb	B	4.4	9:27	13.09	9.04	28.14	25.2	1.48	6	104	0.135	SE
B2	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:28	13.11	8.68	30.76	25.1	1.55	5	103	0.136	S
B2	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:28	12.78	8.91	32.86	25.2	1.36	5	102	0.149	E
B3	20190429	Sunny	Moderate	Mid-Ebb	B	4.7	9:35	11.14	8.52	27.79	25.2	2.33	8	102	0.104	SE
B3	20190429	Sunny	Moderate	Mid-Ebb	B	4.7	9:35	10.94	8.95	27.65	25.1	2.21	9	103	0.155	S
B3	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:36	10.74	8.91	28.56	25.1	2.36	7	103	0.11	S
B3	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:36	10.74	8.4	28.72	25.1	2.41	6	104	0.119	S
B4	20190429	Sunny	Moderate	Mid-Ebb	B	4.6	9:47	11.06	8.96	28.02	25.1	2.96	4	102	0.132	S
B4	20190429	Sunny	Moderate	Mid-Ebb	B	4.6	9:47	10.99	8.37	30.29	25.2	2.9	5	103	0.137	S
B4	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:48	11.37	8.35	32.52	25.1	3.04	6	103	0.169	E
B4	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:48	11.45	8.57	30.71	25.1	2.97	7	103	0.16	SE

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

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
C1A	20190429	Sunny	Moderate	Mid-Ebb	B	9.5	8:40	10.58	8.83	33.22	25.1	1.78	7	103	0.192	S
C1A	20190429	Sunny	Moderate	Mid-Ebb	B	9.5	8:40	10.67	8.97	30.37	25.2	1.84	7	103	0.129	S
C1A	20190429	Sunny	Moderate	Mid-Ebb	M	5.3	8:41	11.12	8.54	33.08	25.1	1.66	4	102	0.176	S
C1A	20190429	Sunny	Moderate	Mid-Ebb	M	5.3	8:41	11.44	8.68	29.68	25.2	1.6	4	103	0.096	E
C1A	20190429	Sunny	Moderate	Mid-Ebb	S	1	8:42	11.05	8.71	27.86	25.2	1.5	3	103	0.191	S
C1A	20190429	Sunny	Moderate	Mid-Ebb	S	1	8:42	10.57	8.33	31.03	25.2	1.53	3	104	0.182	S
C2A	20190429	Sunny	Moderate	Mid-Ebb	B	7.1	8:57	10.86	8.92	33.19	25.1	2.49	4	104	0.182	S
C2A	20190429	Sunny	Moderate	Mid-Ebb	B	7.1	8:57	10.94	8.95	30.28	25.2	2.42	5	102	0.13	SE
C2A	20190429	Sunny	Moderate	Mid-Ebb	M	4.1	8:58	10.63	8.31	31.43	25.1	2.5	4	104	0.185	S
C2A	20190429	Sunny	Moderate	Mid-Ebb	M	4.1	8:58	10.82	8.74	29.1	25.2	2.47	5	102	0.109	E
C2A	20190429	Sunny	Moderate	Mid-Ebb	S	1	8:59	10.37	8.32	29.07	25.2	2.46	5	104	0.094	S
C2A	20190429	Sunny	Moderate	Mid-Ebb	S	1	8:59	10	8.58	30.61	25.2	2.37	4	103	0.131	S
F1A	20190429	Sunny	Moderate	Mid-Ebb	B	6.9	10:20	12.81	8.73	29.46	25.1	2.59	8	104	0.18	SE
F1A	20190429	Sunny	Moderate	Mid-Ebb	B	6.9	10:20	12.67	8.33	30.59	25.2	2.77	8	102	0.129	SE
F1A	20190429	Sunny	Moderate	Mid-Ebb	M	4	10:21	12.78	8.86	29.88	25.2	2.72	5	103	0.148	E
F1A	20190429	Sunny	Moderate	Mid-Ebb	M	4	10:21	13.09	8.48	28.29	25.2	2.53	5	104	0.172	E
F1A	20190429	Sunny	Moderate	Mid-Ebb	S	1	10:22	12.67	8.53	27.83	25.2	2.69	4	103	0.172	SE
F1A	20190429	Sunny	Moderate	Mid-Ebb	S	1	10:22	12.72	8.93	31.18	25.2	2.63	5	102	0.106	SE
H1	20190429	Sunny	Moderate	Mid-Ebb	B	6.6	9:23	10.95	8.85	29.98	25.1	1.26	5	104	0.12	SE
H1	20190429	Sunny	Moderate	Mid-Ebb	B	6.6	9:23	11.05	8.79	32.51	25.1	1.27	5	102	0.171	SE
H1	20190429	Sunny	Moderate	Mid-Ebb	M	3.8	9:24	11.02	8.48	30.13	25.2	1.19	6	102	0.125	E
H1	20190429	Sunny	Moderate	Mid-Ebb	M	3.8	9:24	10.99	8.85	31.63	25.1	1.03	6	102	0.142	SE
H1	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:25	11.44	8.79	27.31	25.1	1.19	6	103	0.182	S
H1	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:25	11.74	8.51	31.77	25.2	1.27	5	102	0.174	SE
M1	20190429	Sunny	Moderate	Mid-Ebb	B	8.1	10:56	10.44	8.96	28.72	25.2	3.5	8	104	0.187	S
M1	20190429	Sunny	Moderate	Mid-Ebb	B	8.1	10:56	10.87	8.83	33.28	25.2	3.61	9	103	0.093	SE
M1	20190429	Sunny	Moderate	Mid-Ebb	M	4.6	10:57	10.39	9.03	28.49	25.2	3.71	7	102	0.142	SE
M1	20190429	Sunny	Moderate	Mid-Ebb	M	4.6	10:57	10.47	8.31	32.75	25.2	3.84	7	103	0.181	E
M1	20190429	Sunny	Moderate	Mid-Ebb	S	1	10:58	10.55	8.74	32.23	25.1	3.7	6	104	0.139	SE
M1	20190429	Sunny	Moderate	Mid-Ebb	S	1	10:58	11.01	9.04	28.22	25.1	3.74	8	103	0.182	SE
CR1	20190429	Sunny	Moderate	Mid-Ebb	B	10.3	10:24	10.03	9.04	29.96	25.1	1.89	8	103	0.177	SE
CR1	20190429	Sunny	Moderate	Mid-Ebb	B	10.3	10:24	10.42	8.44	30.37	25.1	1.99	8	103	0.134	S

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

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
CR1	20190429	Sunny	Moderate	Mid-Ebb	M	5.7	10:25	10.6	8.55	30.95	25.1	2.08	9	103	0.108	E
CR1	20190429	Sunny	Moderate	Mid-Ebb	M	5.7	10:25	10.86	8.43	33.14	25.1	2.14	8	104	0.125	SE
CR1	20190429	Sunny	Moderate	Mid-Ebb	S	1	10:26	11.05	8.5	30.83	25.2	2.06	8	102	0.076	E
CR1	20190429	Sunny	Moderate	Mid-Ebb	S	1	10:26	10.72	8.83	31.6	25.1	2.22	8	102	0.112	SE
CR2	20190429	Sunny	Moderate	Mid-Ebb	B	9.8	9:57	10.93	8.66	31.59	25.1	1.85	8	103	0.125	S
CR2	20190429	Sunny	Moderate	Mid-Ebb	B	9.8	9:57	10.44	8.87	33.39	25.2	1.7	9	104	0.163	E
CR2	20190429	Sunny	Moderate	Mid-Ebb	M	5.4	9:58	10.22	8.8	31.88	25.2	1.5	5	103	0.154	SE
CR2	20190429	Sunny	Moderate	Mid-Ebb	M	5.4	9:58	10.47	8.67	29.16	25.2	1.4	8	103	0.136	S
CR2	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:59	10.38	9.02	30.92	25.1	1.46	5	102	0.176	S
CR2	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:59	10.39	8.42	29.05	25.2	1.55	6	103	0.128	SE
S1	20190429	Sunny	Moderate	Mid-Ebb	B	4.1	9:17	11.45	8.53	28.34	25.2	1.14	7	104	0.154	S
S1	20190429	Sunny	Moderate	Mid-Ebb	B	4.1	9:17	11.01	8.93	33.06	25.2	1.12	7	104	0.147	SE
S1	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:18	11.47	8.65	31.09	25.1	0.94	4	102	0.083	E
S1	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:18	11	8.9	33.16	25.2	1.07	5	104	0.103	E
S2A	20190429	Sunny	Moderate	Mid-Ebb	B	7.8	9:42	10.31	8.31	28.77	25.1	1.69	8	103	0.14	SE
S2A	20190429	Sunny	Moderate	Mid-Ebb	B	7.8	9:42	10.73	8.84	32.56	25.2	1.76	6	103	0.095	E
S2A	20190429	Sunny	Moderate	Mid-Ebb	M	4.4	9:43	10.35	8.76	29.54	25.2	1.92	7	104	0.14	SE
S2A	20190429	Sunny	Moderate	Mid-Ebb	M	4.4	9:43	10.01	8.7	27.42	25.2	1.88	7	103	0.1	E
S2A	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:44	9.88	8.99	27.41	25.2	2.05	6	104	0.08	SE
S2A	20190429	Sunny	Moderate	Mid-Ebb	S	1	9:44	10.02	8.73	29.42	25.1	1.92	4	102	0.111	SE
S3	20190429	Sunny	Moderate	Mid-Ebb	B	6.8	10:10	12.53	8.42	28.58	25.2	1.34	7	104	0.165	SE
S3	20190429	Sunny	Moderate	Mid-Ebb	B	6.8	10:10	12.35	8.65	33.23	25.2	1.54	7	103	0.095	S
S3	20190429	Sunny	Moderate	Mid-Ebb	M	3.9	10:11	12.21	9.02	32.17	25.1	1.37	7	103	0.19	SE
S3	20190429	Sunny	Moderate	Mid-Ebb	M	3.9	10:11	12.11	8.48	31.91	25.2	1.56	6	103	0.135	S
S3	20190429	Sunny	Moderate	Mid-Ebb	S	1	10:12	12.56	8.75	27.45	25.1	1.36	8	102	0.19	SE
S3	20190429	Sunny	Moderate	Mid-Ebb	S	1	10:12	12.42	8.56	33	25.2	1.47	8	102	0.088	SE
B1	20190429	Sunny	Moderate	Mid-Flood	B	5	13:05	10.8	9	30.75	27.5	2.48	3	103	0.154	SW
B1	20190429	Sunny	Moderate	Mid-Flood	B	5	13:05	11.25	8.84	30.37	27.5	2.6	3	103	0.166	SW
B1	20190429	Sunny	Moderate	Mid-Flood	S	1	13:06	10.78	8.99	33.25	27.5	2.44	3	104	0.147	W
B1	20190429	Sunny	Moderate	Mid-Flood	S	1	13:06	10.47	8.6	32.82	27.3	2.59	4	104	0.203	SW
B2	20190429	Sunny	Moderate	Mid-Flood	B	4.5	13:25	13.2	8.39	31.65	27.6	2.24	4	103	0.18	W
B2	20190429	Sunny	Moderate	Mid-Flood	B	4.5	13:25	12.72	8.77	31.13	27.6	2.4	4	104	0.249	NW

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
B2	20190429	Sunny	Moderate	Mid-Flood	S	1	13:26	12.43	8.91	32.88	27.4	2.35	6	103	0.186	NW
B2	20190429	Sunny	Moderate	Mid-Flood	S	1	13:26	12.16	8.96	32.09	27.5	2.52	5	103	0.146	W
B3	20190429	Sunny	Moderate	Mid-Flood	B	4.8	12:57	12.43	8.74	27.88	27.4	2.09	4	104	0.227	W
B3	20190429	Sunny	Moderate	Mid-Flood	B	4.8	12:57	12.57	8.54	31.69	27.5	1.9	4	104	0.155	NW
B3	20190429	Sunny	Moderate	Mid-Flood	S	1	12:58	12.68	8.33	28.34	27.4	1.72	5	104	0.215	SW
B3	20190429	Sunny	Moderate	Mid-Flood	S	1	12:58	12.33	8.34	32.72	27.6	1.65	4	103	0.16	W
B4	20190429	Sunny	Moderate	Mid-Flood	B	5	13:09	10.51	8.35	33.29	27.4	1.76	3	103	0.236	NW
B4	20190429	Sunny	Moderate	Mid-Flood	B	5	13:09	10.22	8.79	30.41	27.5	1.76	3	103	0.227	W
B4	20190429	Sunny	Moderate	Mid-Flood	S	1	13:10	9.81	8.49	32.21	27.6	1.62	3	104	0.217	NW
B4	20190429	Sunny	Moderate	Mid-Flood	S	1	13:10	10.25	8.68	28.03	27.5	1.78	2	104	0.221	SW
C1A	20190429	Sunny	Moderate	Mid-Flood	B	10.6	12:42	12.32	8.99	32.64	27.5	1.7	7	103	0.222	W
C1A	20190429	Sunny	Moderate	Mid-Flood	B	10.6	12:42	12.43	8.63	28.15	27.5	1.78	6	105	0.243	W
C1A	20190429	Sunny	Moderate	Mid-Flood	M	5.8	12:43	12.78	8.56	30.14	27.6	1.65	7	103	0.217	SW
C1A	20190429	Sunny	Moderate	Mid-Flood	M	5.8	12:43	12.48	8.88	31.27	27.5	1.79	8	103	0.167	W
C1A	20190429	Sunny	Moderate	Mid-Flood	S	1	12:44	12.61	8.58	31.32	27.6	1.91	6	104	0.153	W
C1A	20190429	Sunny	Moderate	Mid-Flood	S	1	12:44	12.13	8.44	32.4	27.5	1.75	5	104	0.218	SW
C2A	20190429	Sunny	Moderate	Mid-Flood	B	7.5	12:24	10.87	8.96	29.86	27.4	1.04	6	104	0.146	W
C2A	20190429	Sunny	Moderate	Mid-Flood	B	7.5	12:24	10.66	8.73	31.64	27.4	1.23	7	104	0.236	W
C2A	20190429	Sunny	Moderate	Mid-Flood	M	4.3	12:25	10.41	8.86	31.03	27.5	1.17	5	104	0.185	W
C2A	20190429	Sunny	Moderate	Mid-Flood	M	4.3	12:25	10.83	8.74	29.52	27.3	1.03	4	104	0.24	W
C2A	20190429	Sunny	Moderate	Mid-Flood	S	1	12:26	10.61	8.56	28.11	27.4	1.08	7	104	0.13	W
C2A	20190429	Sunny	Moderate	Mid-Flood	S	1	12:26	10.37	8.96	31.08	27.4	1.25	7	104	0.245	W
F1A	20190429	Sunny	Moderate	Mid-Flood	B	7.2	13:38	12.44	8.31	29.97	27.6	2.09	3	104	0.211	W
F1A	20190429	Sunny	Moderate	Mid-Flood	B	7.2	13:38	12.24	8.42	32.13	27.4	2.07	4	104	0.243	SW
F1A	20190429	Sunny	Moderate	Mid-Flood	M	4.1	13:39	12.27	8.59	28.88	27.4	1.92	4	103	0.14	NW
F1A	20190429	Sunny	Moderate	Mid-Flood	M	4.1	13:39	12.26	8.44	30.63	27.5	2.12	4	103	0.176	W
F1A	20190429	Sunny	Moderate	Mid-Flood	S	1	13:40	12.34	8.53	31.93	27.4	2.15	4	104	0.133	W
F1A	20190429	Sunny	Moderate	Mid-Flood	S	1	13:40	12.41	8.97	28.55	27.5	2.12	4	104	0.166	W
H1	20190429	Sunny	Moderate	Mid-Flood	B	7.6	12:43	10.05	8.55	30.41	27.6	1.62	5	103	0.212	W
H1	20190429	Sunny	Moderate	Mid-Flood	B	7.6	12:43	9.79	8.95	32.64	27.6	1.52	4	104	0.194	W
H1	20190429	Sunny	Moderate	Mid-Flood	M	4.3	12:44	9.73	8.91	29.31	27.3	1.43	4	103	0.147	NW
H1	20190429	Sunny	Moderate	Mid-Flood	M	4.3	12:44	9.38	8.71	32.64	27.3	1.54	5	103	0.2	SW

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

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
H1	20190429	Sunny	Moderate	Mid-Flood	S	1	12:45	9.46	8.43	30.71	27.6	1.42	4	103	0.165	W
H1	20190429	Sunny	Moderate	Mid-Flood	S	1	12:45	8.97	8.45	30.19	27.4	1.22	4	103	0.123	W
M1	20190429	Sunny	Moderate	Mid-Flood	B	9	14:10	12.76	9.02	30.57	27.4	2.24	5	104	0.179	W
M1	20190429	Sunny	Moderate	Mid-Flood	B	9	14:10	12.42	8.95	31.25	27.6	2.35	6	103	0.216	W
M1	20190429	Sunny	Moderate	Mid-Flood	M	5	14:11	12.72	8.74	30.37	27.4	2.46	4	104	0.152	W
M1	20190429	Sunny	Moderate	Mid-Flood	M	5	14:11	13.14	8.35	32.47	27.5	2.57	5	104	0.223	W
M1	20190429	Sunny	Moderate	Mid-Flood	S	1	14:12	12.77	8.82	29.7	27.3	2.57	4	104	0.192	SW
M1	20190429	Sunny	Moderate	Mid-Flood	S	1	14:12	12.5	8.41	27.87	27.6	2.57	4	104	0.148	W
CR1	20190429	Sunny	Moderate	Mid-Flood	B	11	14:26	9.72	8.84	30.91	27.3	1.43	4	103	0.197	W
CR1	20190429	Sunny	Moderate	Mid-Flood	B	11	14:26	9.47	8.81	29.33	27.5	1.48	3	103	0.16	W
CR1	20190429	Sunny	Moderate	Mid-Flood	M	6	14:27	9.96	8.48	33.03	27.6	1.57	4	103	0.179	NW
CR1	20190429	Sunny	Moderate	Mid-Flood	M	6	14:27	9.56	8.74	28.92	27.5	1.45	4	103	0.137	W
CR1	20190429	Sunny	Moderate	Mid-Flood	S	1	14:28	9.86	8.78	29.85	27.5	1.65	2	103	0.178	W
CR1	20190429	Sunny	Moderate	Mid-Flood	S	1	14:28	9.39	9.01	28.6	27.4	1.85	2	104	0.241	W
CR2	20190429	Sunny	Moderate	Mid-Flood	B	10	13:59	10.03	8.39	30.77	27.4	1.89	5	103	0.176	W
CR2	20190429	Sunny	Moderate	Mid-Flood	B	10	13:59	10.22	8.63	30.26	27.3	2.07	4	103	0.151	W
CR2	20190429	Sunny	Moderate	Mid-Flood	M	5.5	14:00	10.05	8.74	30.43	27.4	2.05	3	103	0.239	SW
CR2	20190429	Sunny	Moderate	Mid-Flood	M	5.5	14:00	9.7	8.37	29.5	27.3	1.95	3	103	0.139	W
CR2	20190429	Sunny	Moderate	Mid-Flood	S	1	14:01	9.5	8.98	30.38	27.6	1.84	4	104	0.206	SW
CR2	20190429	Sunny	Moderate	Mid-Flood	S	1	14:01	9.42	8.63	32.26	27.6	1.67	4	103	0.19	W
S1	20190429	Sunny	Moderate	Mid-Flood	B	4.1	13:15	11.39	9	32.95	27.4	1.97	3	104	0.218	SW
S1	20190429	Sunny	Moderate	Mid-Flood	B	4.1	13:15	11.85	8.95	27.85	27.5	2.07	4	104	0.195	NW
S1	20190429	Sunny	Moderate	Mid-Flood	S	1	13:16	11.77	8.8	29.95	27.4	2.26	4	103	0.135	NW
S1	20190429	Sunny	Moderate	Mid-Flood	S	1	13:16	11.84	8.98	32.31	27.4	2.39	4	104	0.23	W
S2A	20190429	Sunny	Moderate	Mid-Flood	B	8.6	13:44	12.88	8.88	33.25	27.5	1.94	3	104	0.248	W
S2A	20190429	Sunny	Moderate	Mid-Flood	B	8.6	13:44	13.25	8.96	28.41	27.5	1.97	4	104	0.124	NW
S2A	20190429	Sunny	Moderate	Mid-Flood	M	4.8	13:45	13.35	9.01	29.07	27.3	2.12	3	104	0.127	W
S2A	20190429	Sunny	Moderate	Mid-Flood	M	4.8	13:45	13.83	8.44	32.86	27.4	1.98	3	104	0.249	W
S2A	20190429	Sunny	Moderate	Mid-Flood	S	1	13:46	13.76	8.99	31.53	27.4	2.15	3	104	0.132	W
S2A	20190429	Sunny	Moderate	Mid-Flood	S	1	13:46	14.06	8.65	31.18	27.3	2.1	4	103	0.151	W
S3	20190429	Sunny	Moderate	Mid-Flood	B	7.4	14:13	12.36	8.79	33.04	27.4	1.13	3	104	0.137	W
S3	20190429	Sunny	Moderate	Mid-Flood	B	7.4	14:13	12.57	8.61	30.05	27.5	1.18	3	104	0.245	W

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 Alkalinit y (mg/L)	Current Velocit y	Directio n in NESW
S3	20190429	Sunny	Moderate	Mid-Flood	M	4.2	14:14	12.24	8.79	32.92	27.4	1.01	5	104	0.158	NW
S3	20190429	Sunny	Moderate	Mid-Flood	M	4.2	14:14	12.29	9.02	29.36	27.4	0.97	4	103	0.162	W
S3	20190429	Sunny	Moderate	Mid-Flood	S	1	14:15	12.78	8.56	28.94	27.5	0.87	4	104	0.144	W
S3	20190429	Sunny	Moderate	Mid-Flood	S	1	14:15	13.25	8.54	27.57	27.5	0.82	4	103	0.181	W

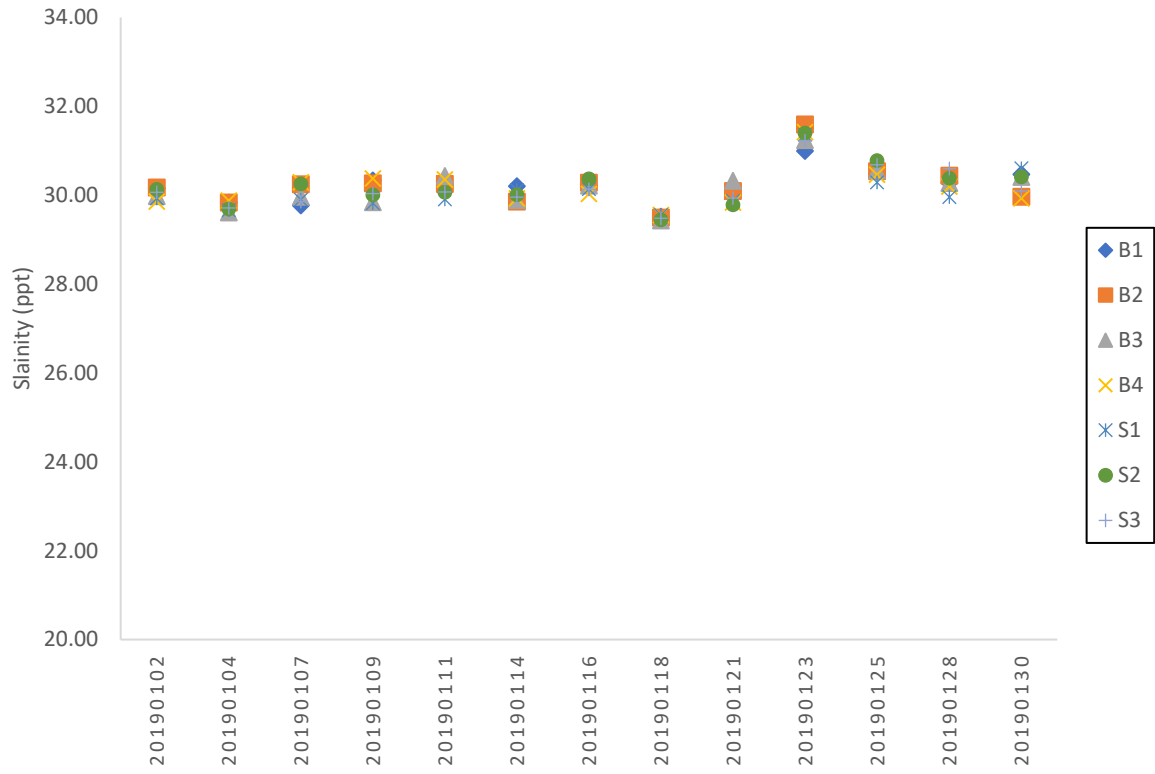
Remarks:

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

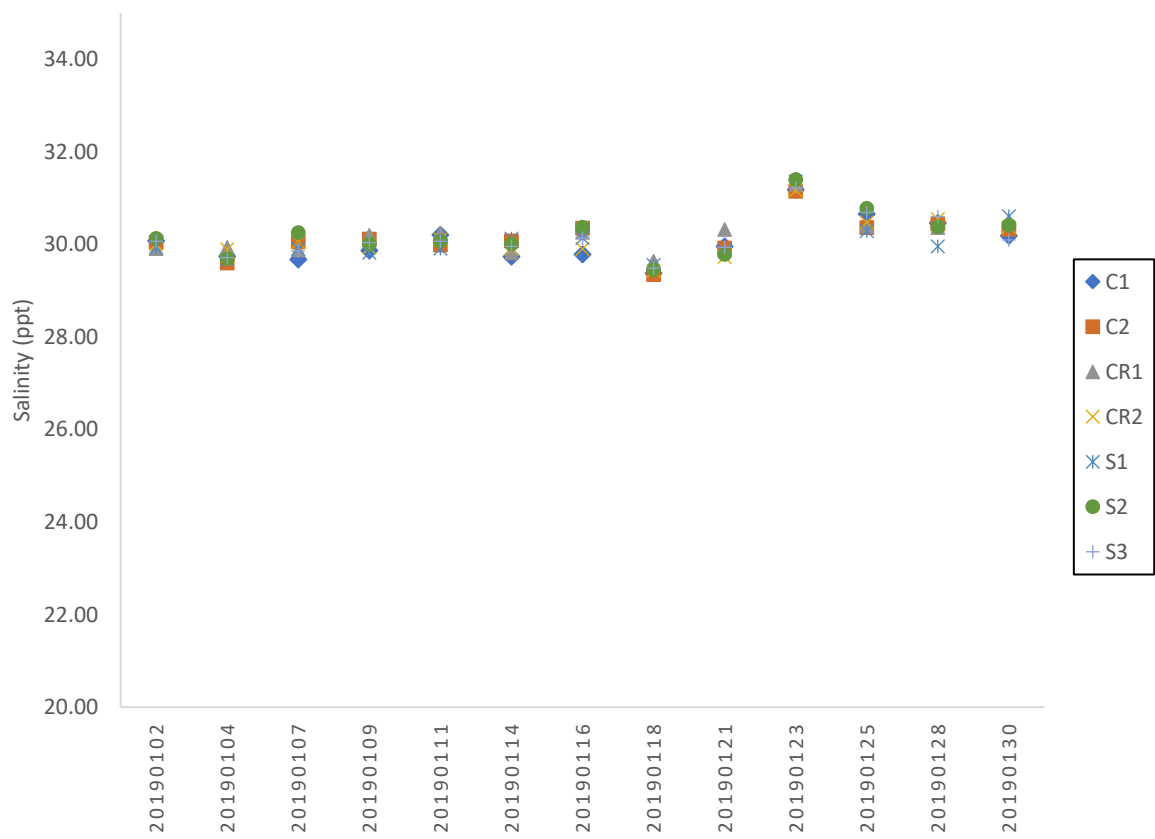
note 2: Cancelled due to container leakage.

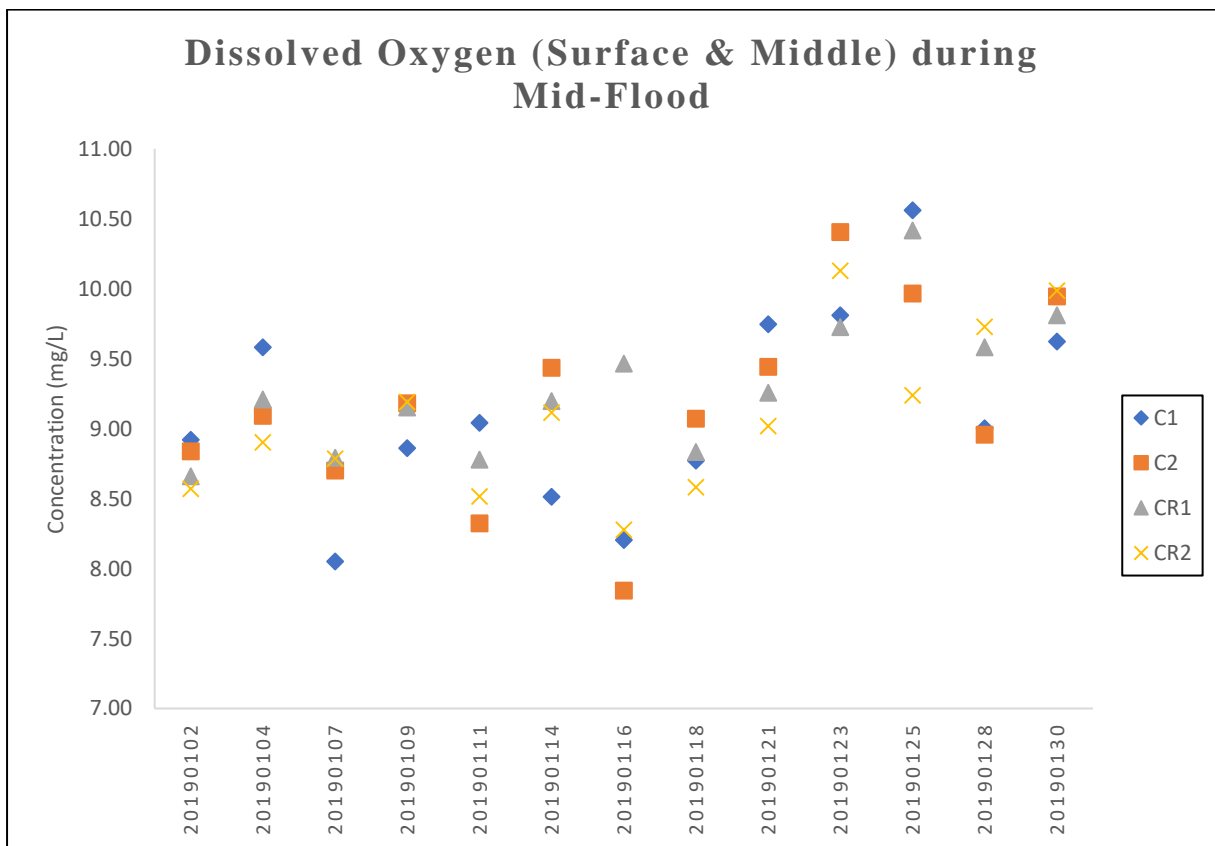
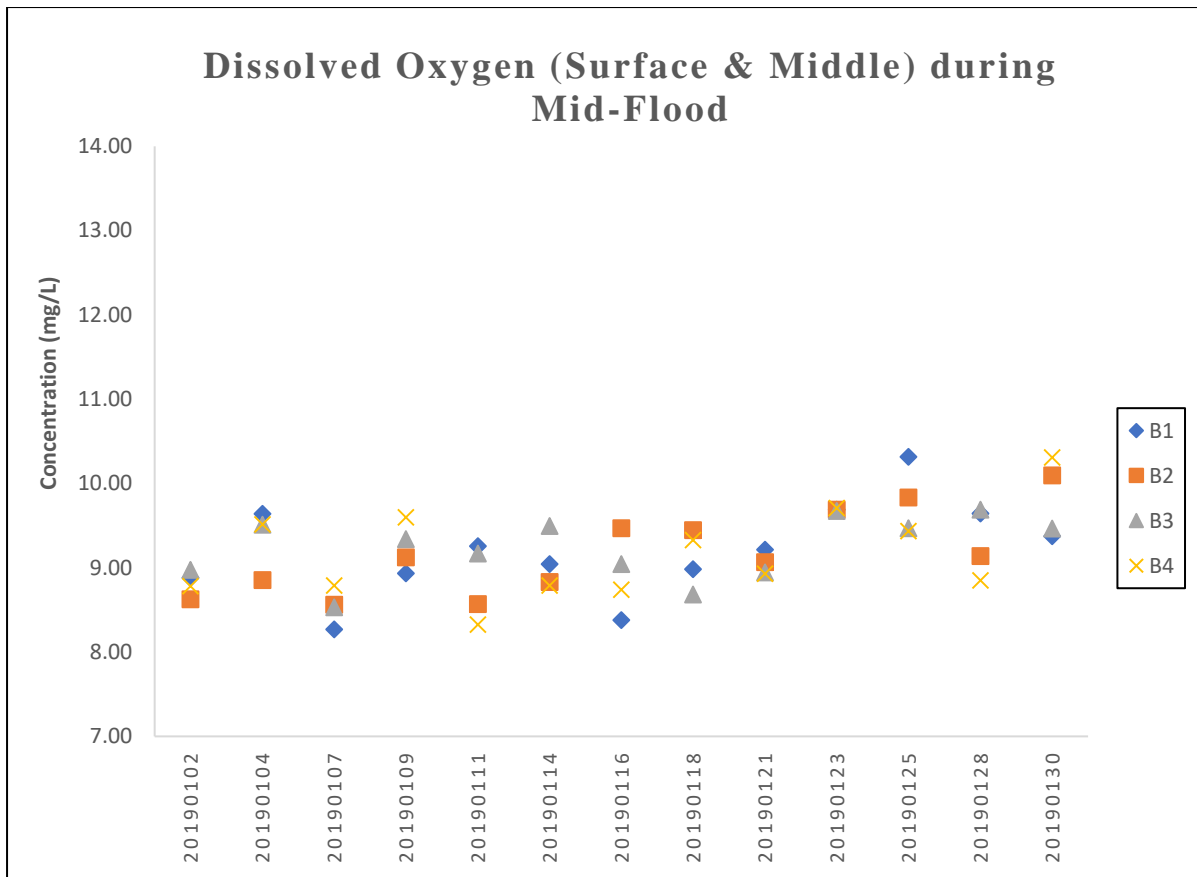
note 3: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.

Salinity (Depth-averaged) during Mid-Ebb

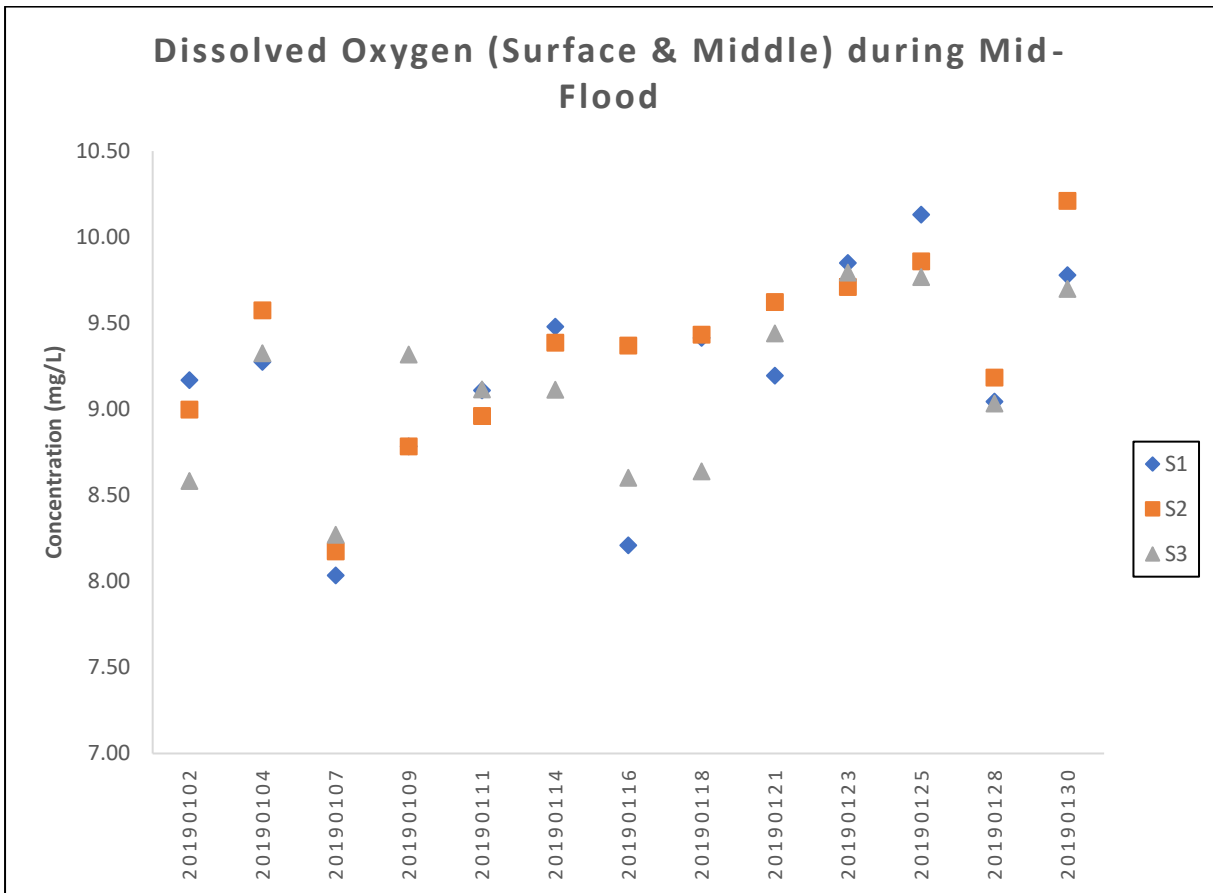
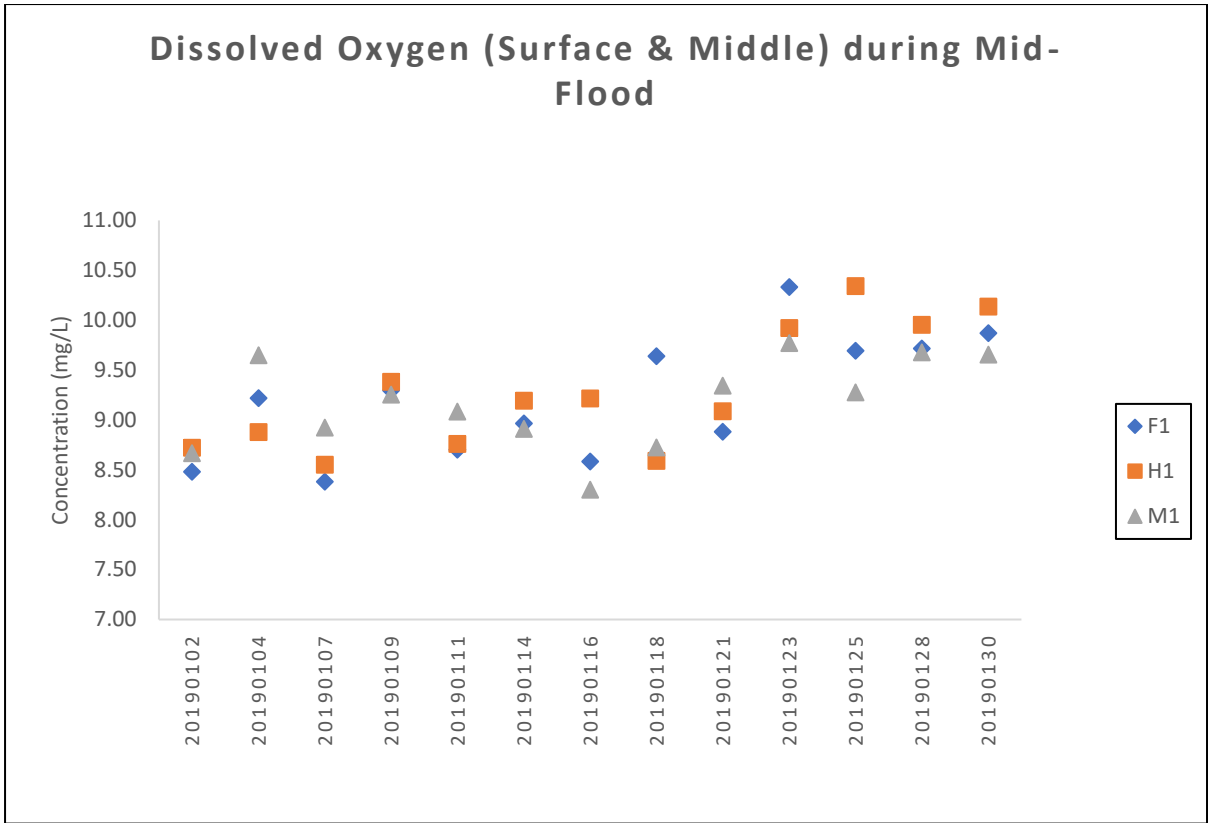


Salinity (Depth-averaged) during Mid-Ebb

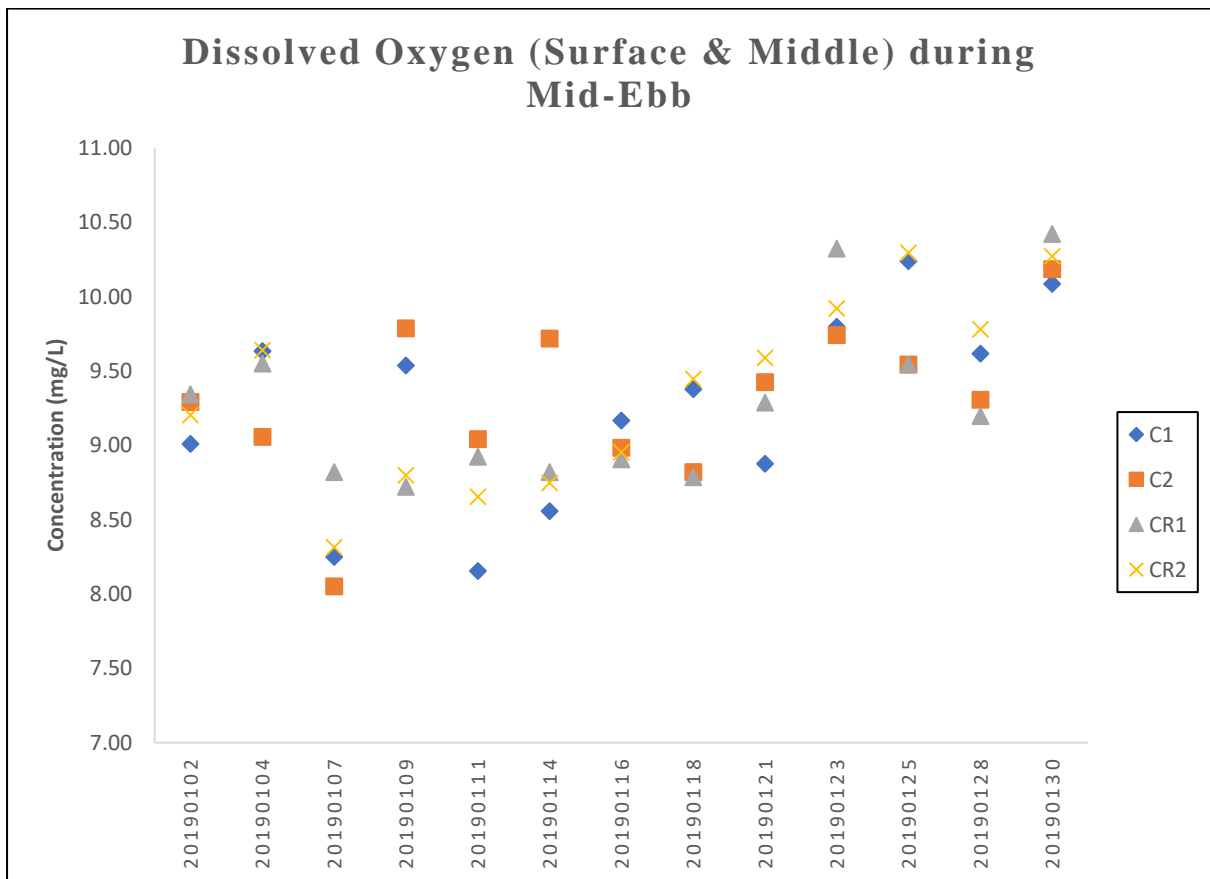
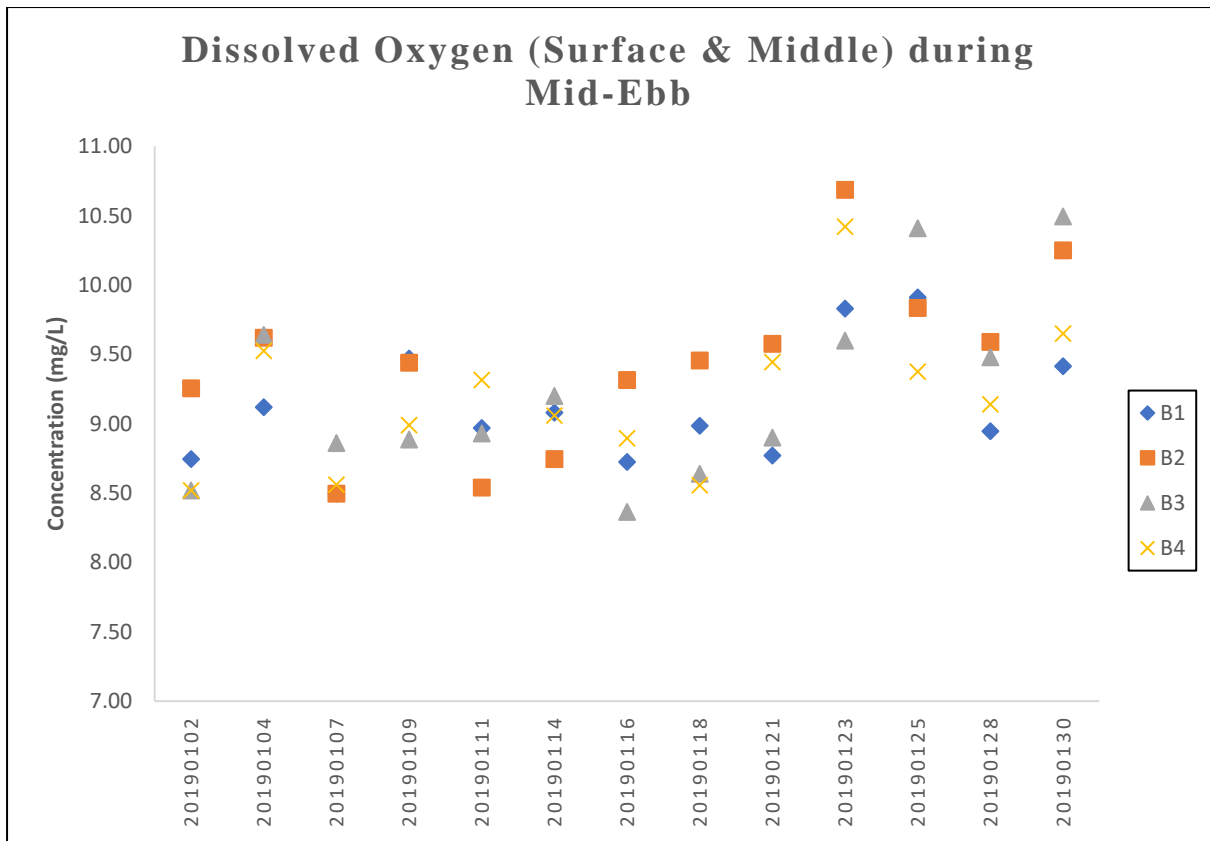




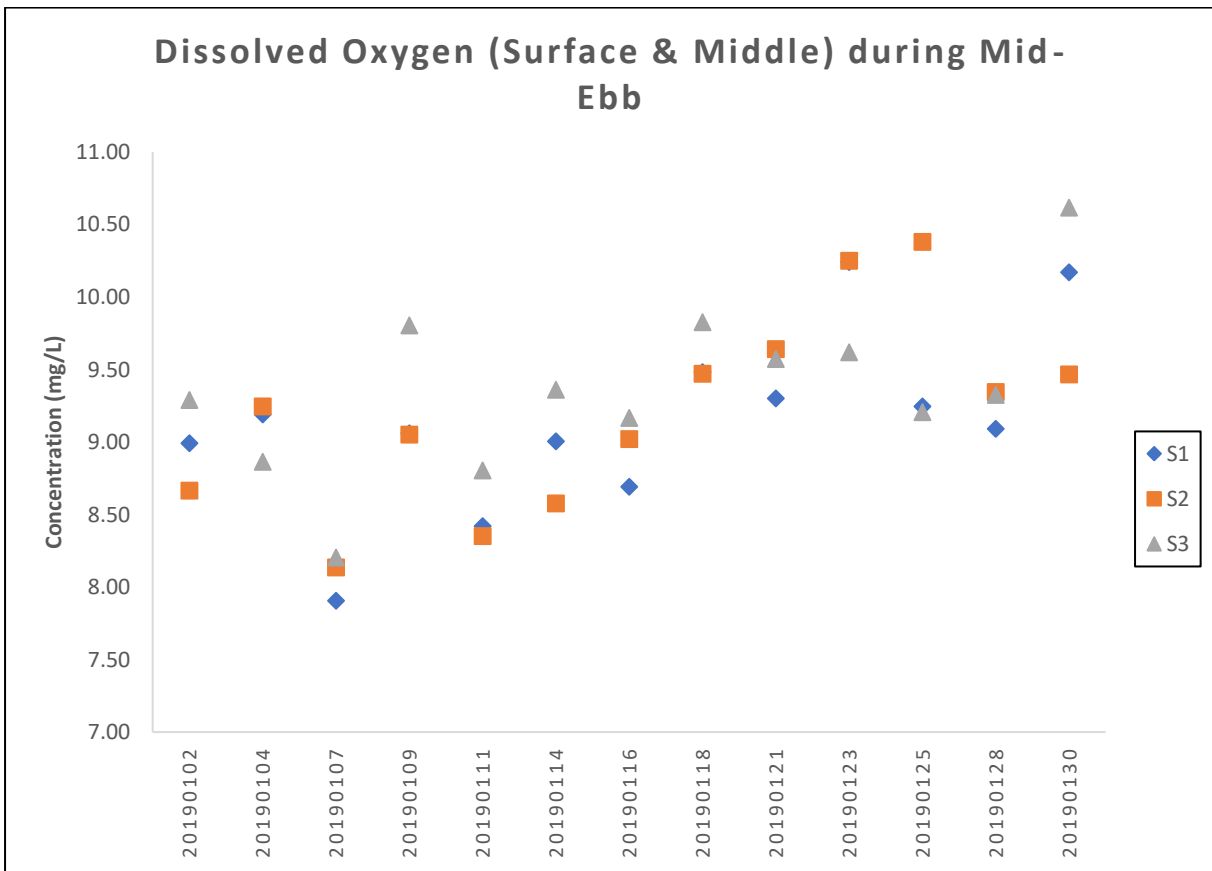
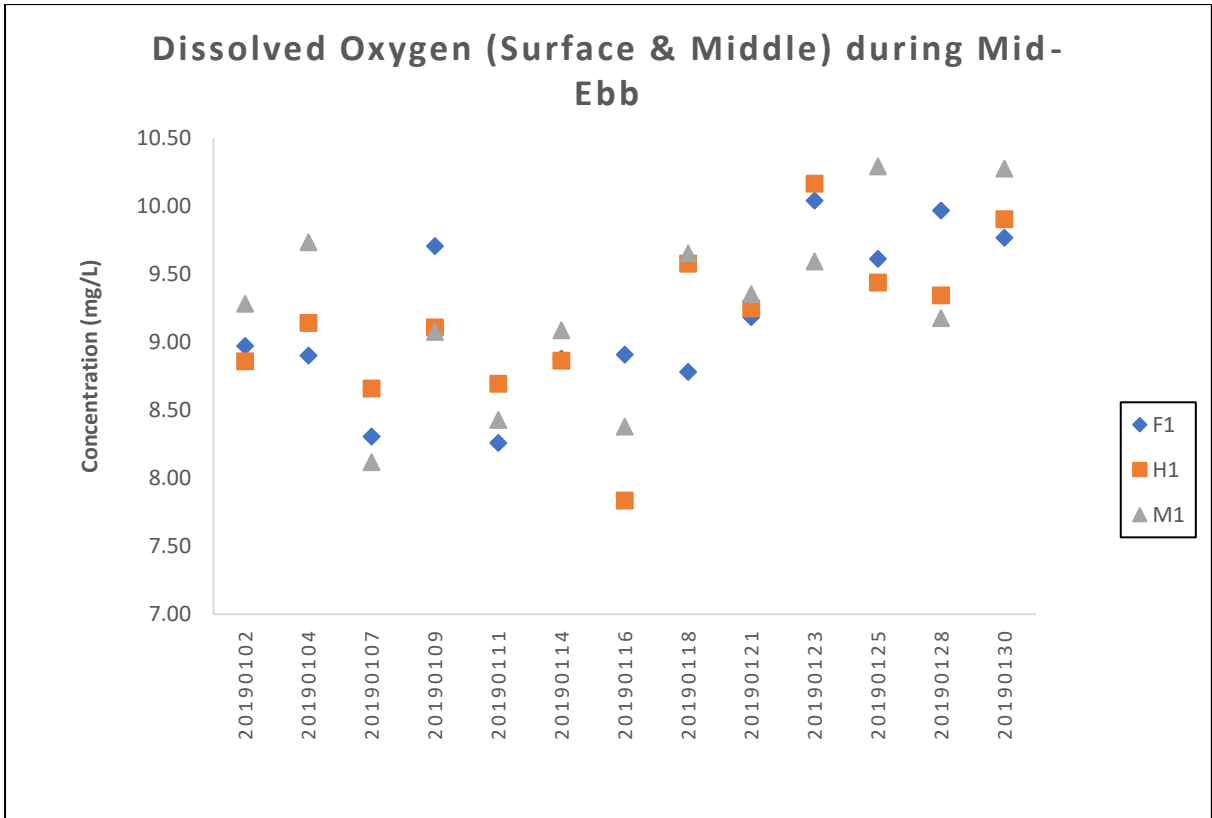
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



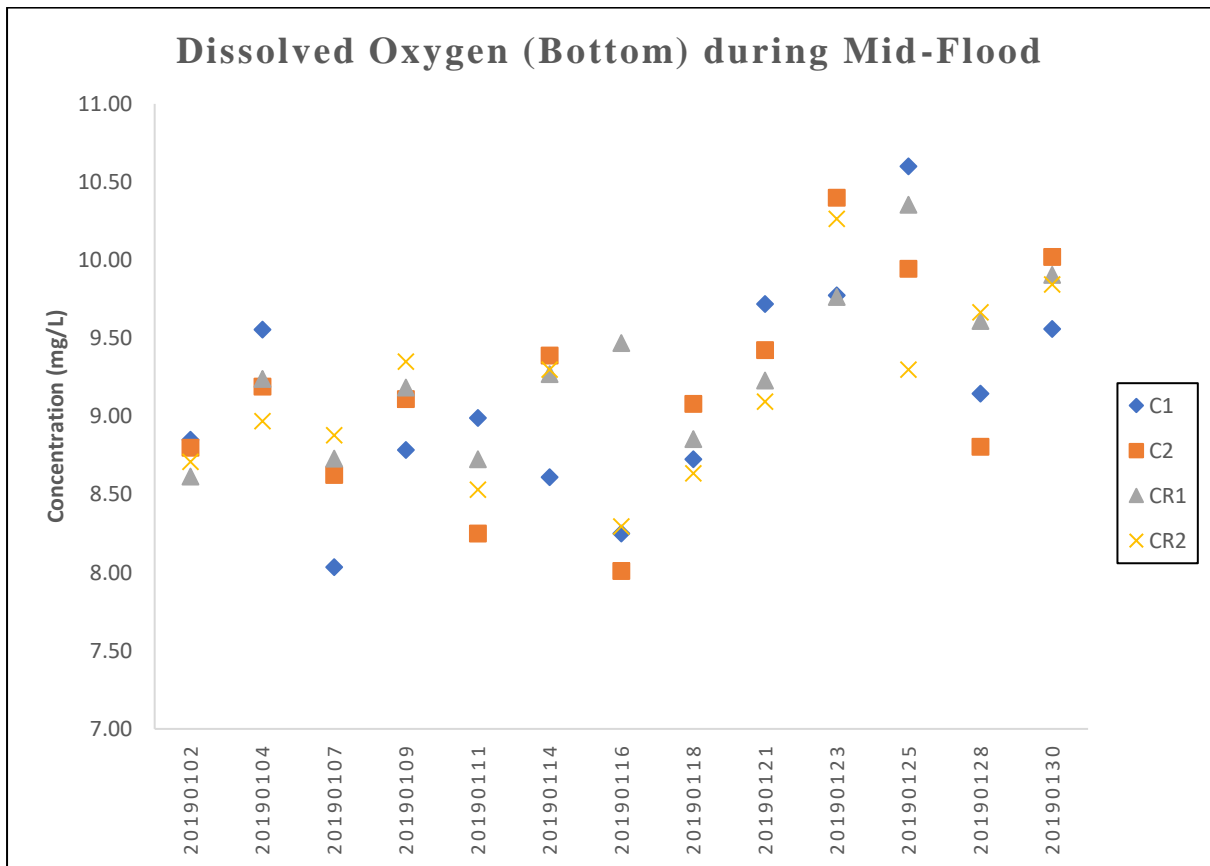
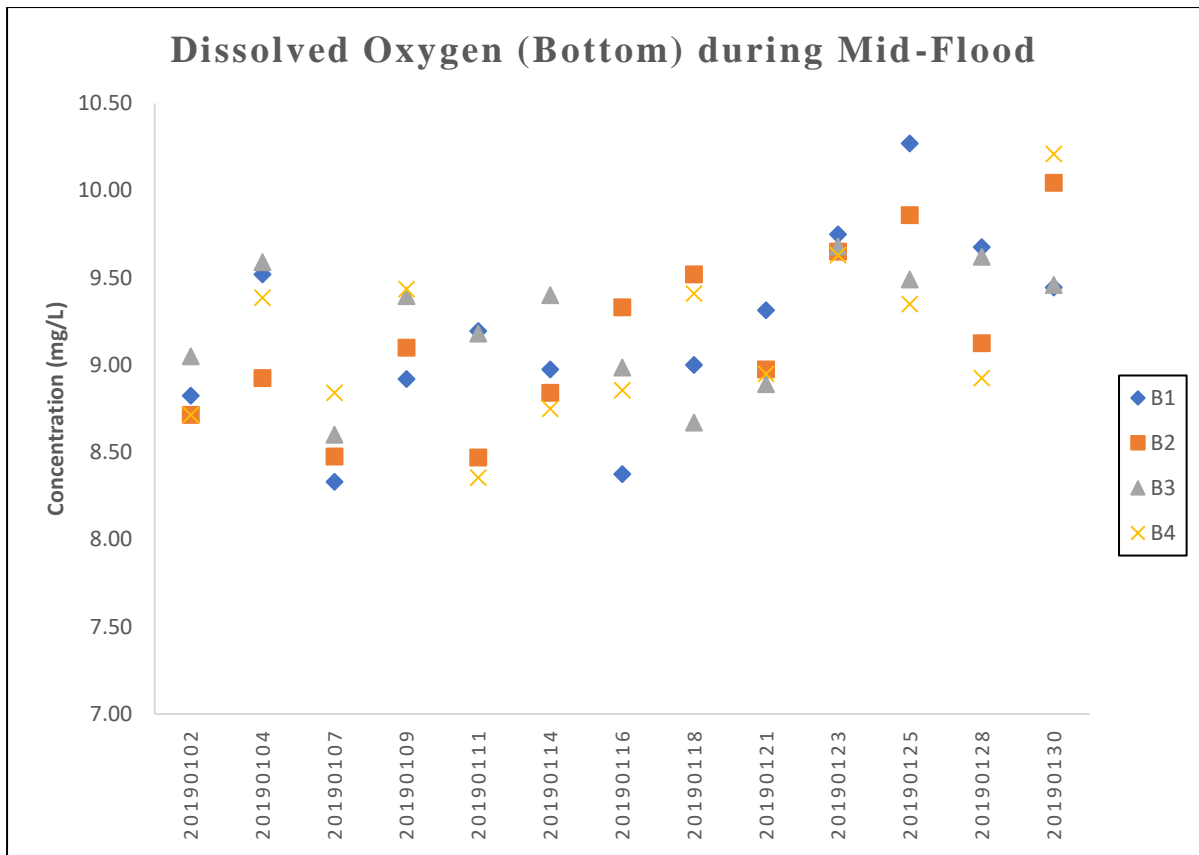
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



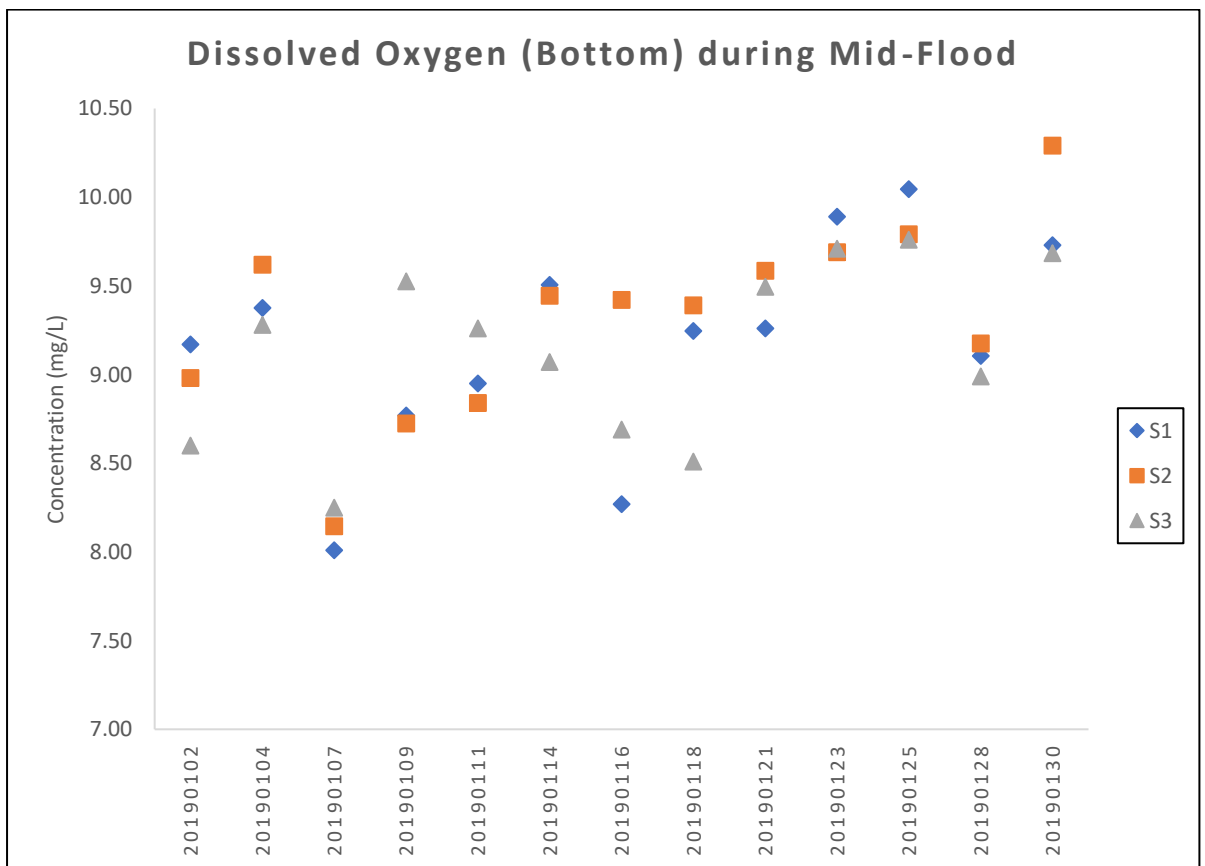
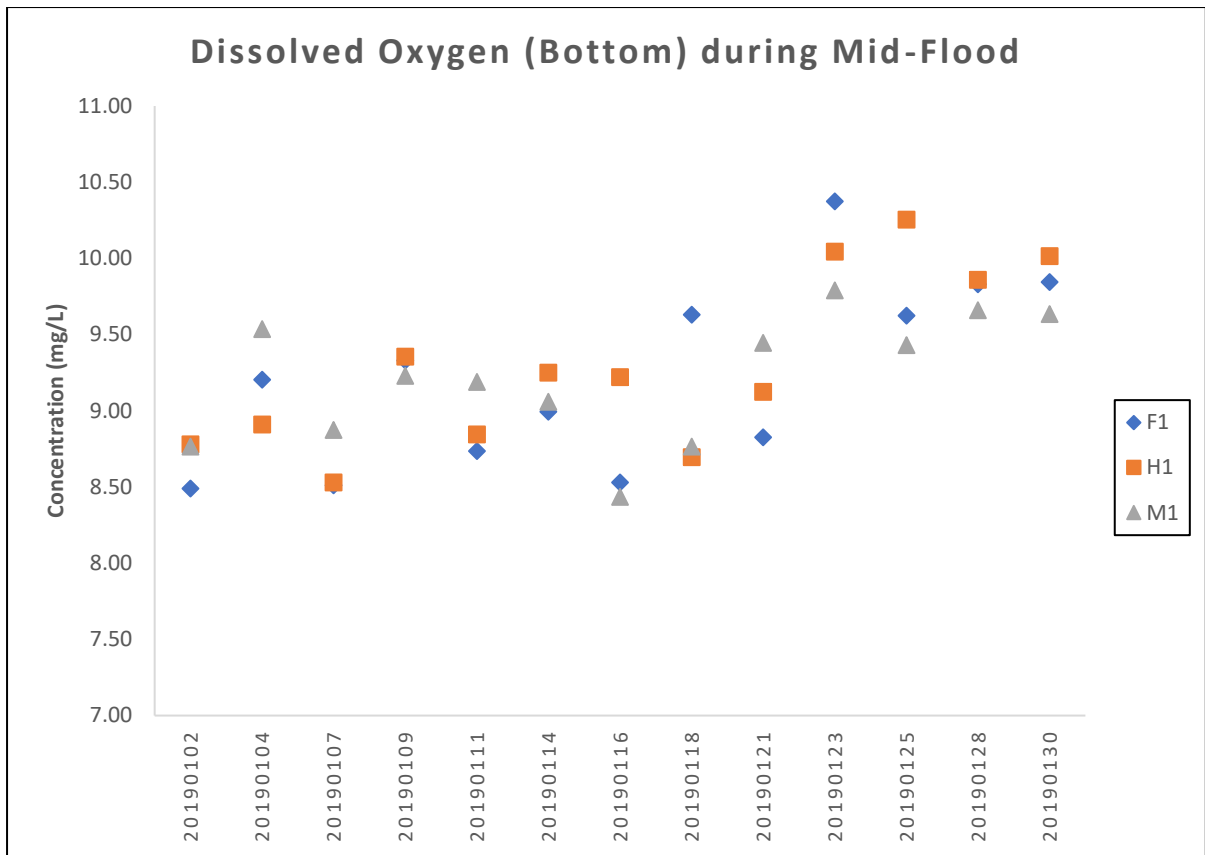
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



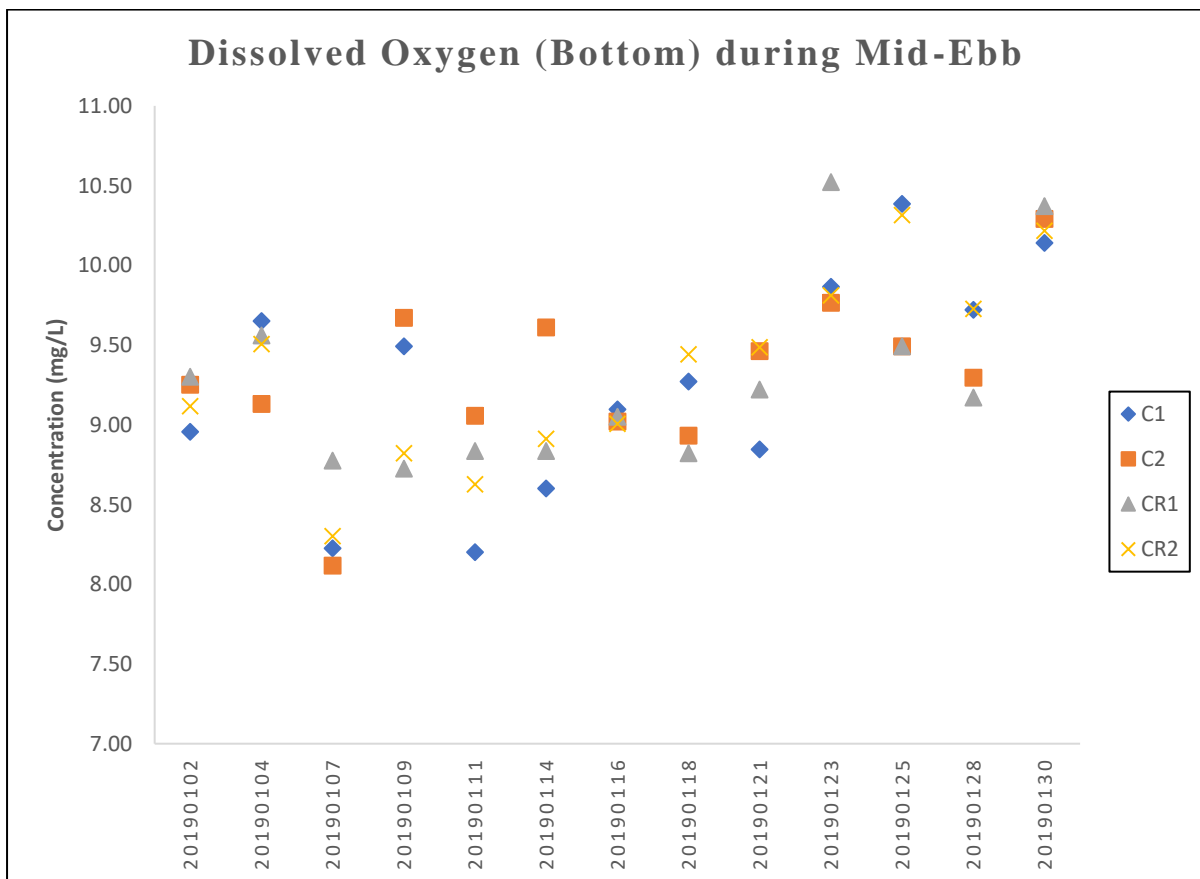
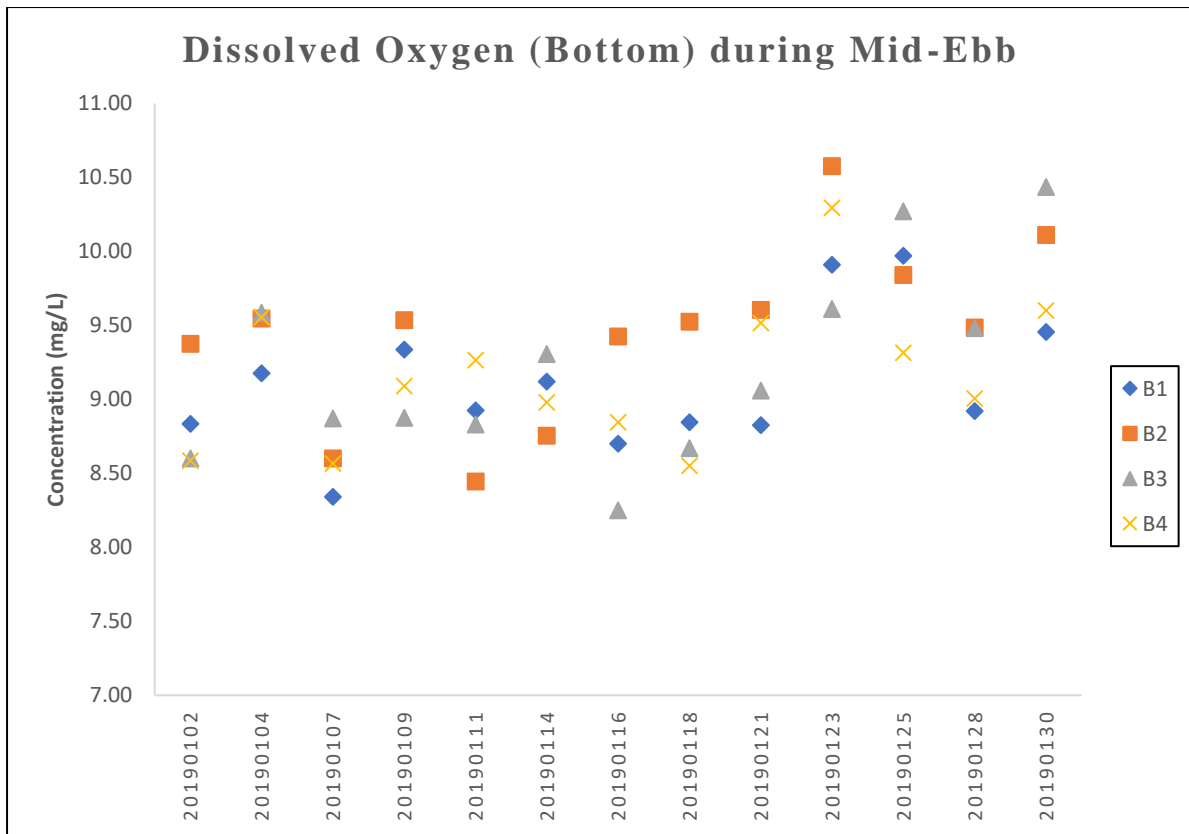
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



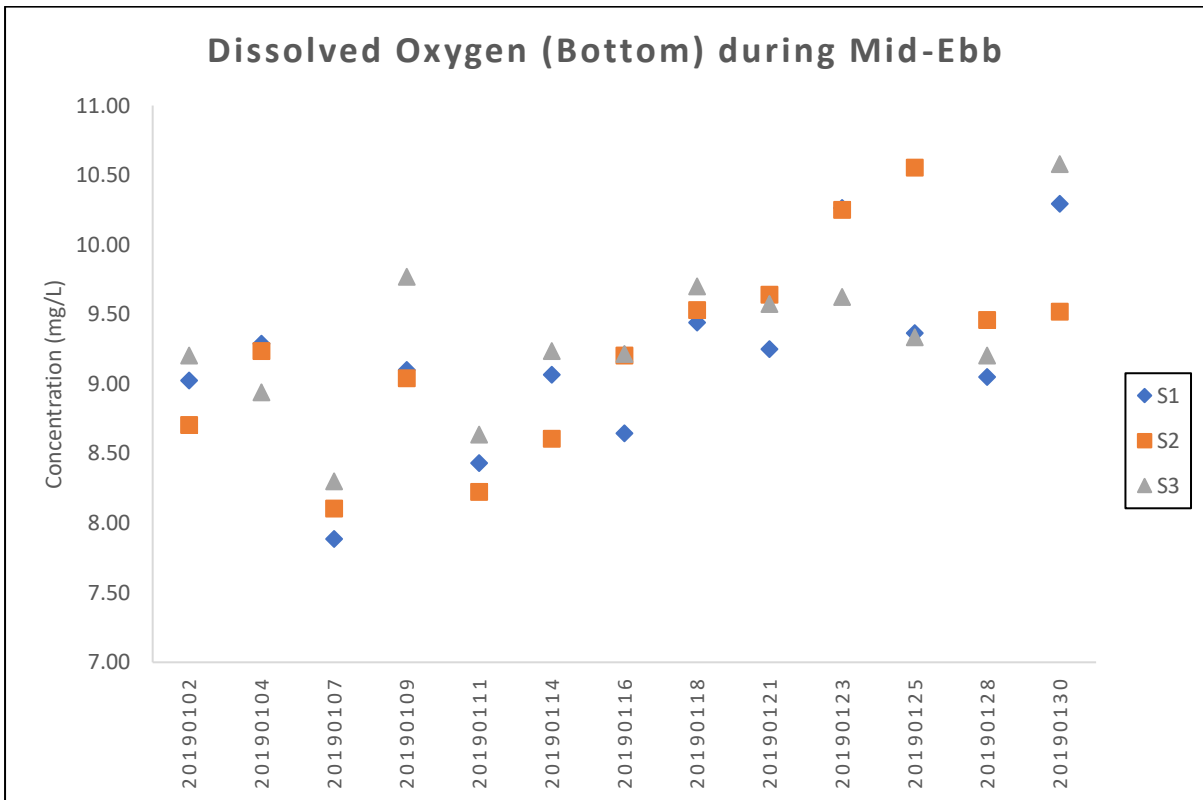
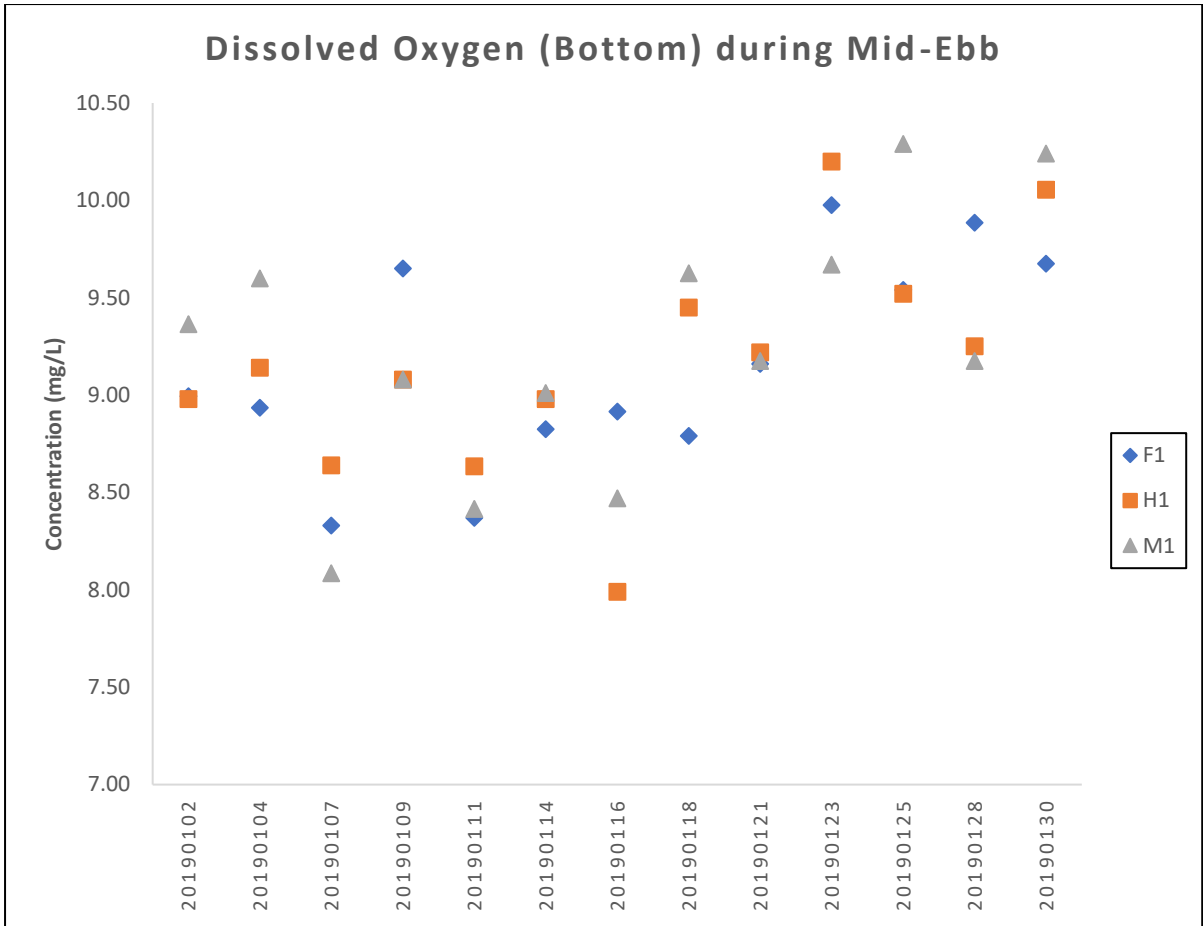
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



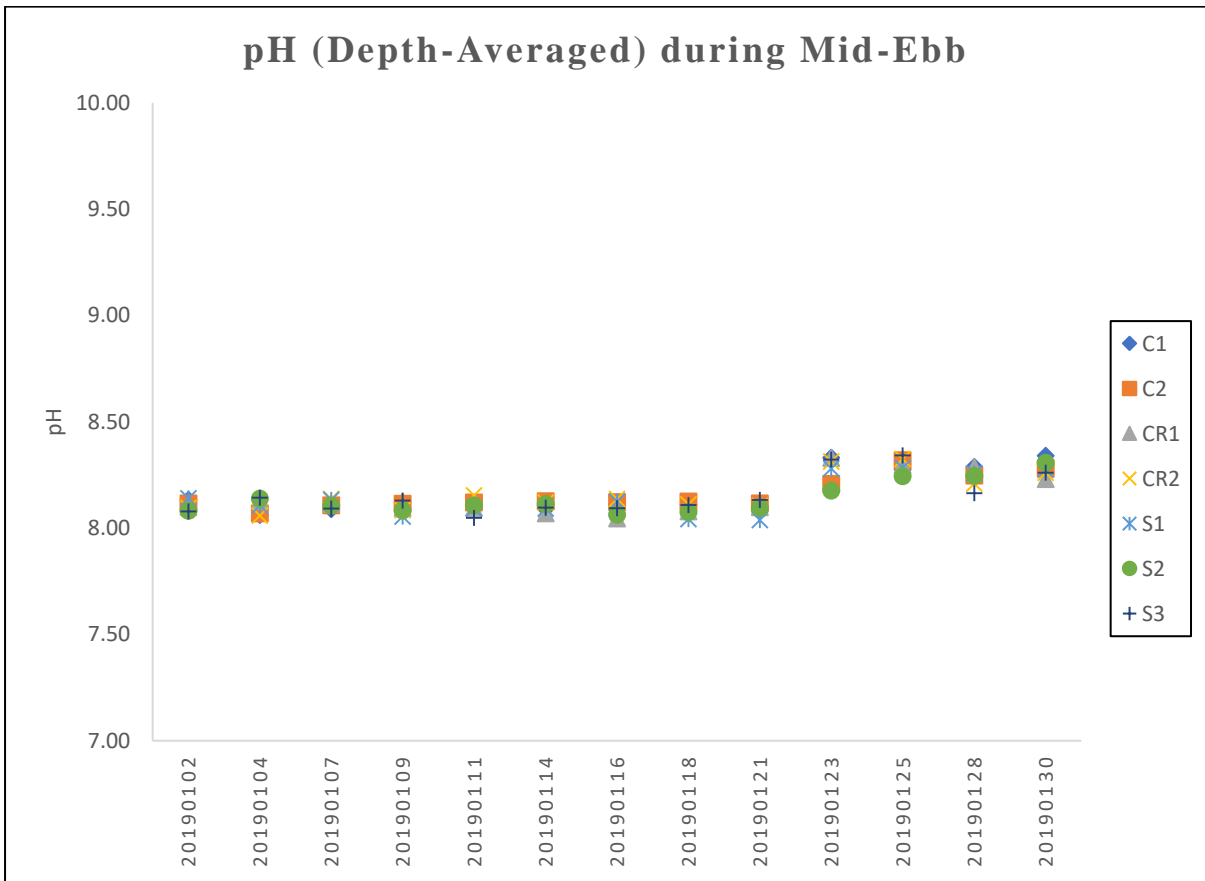
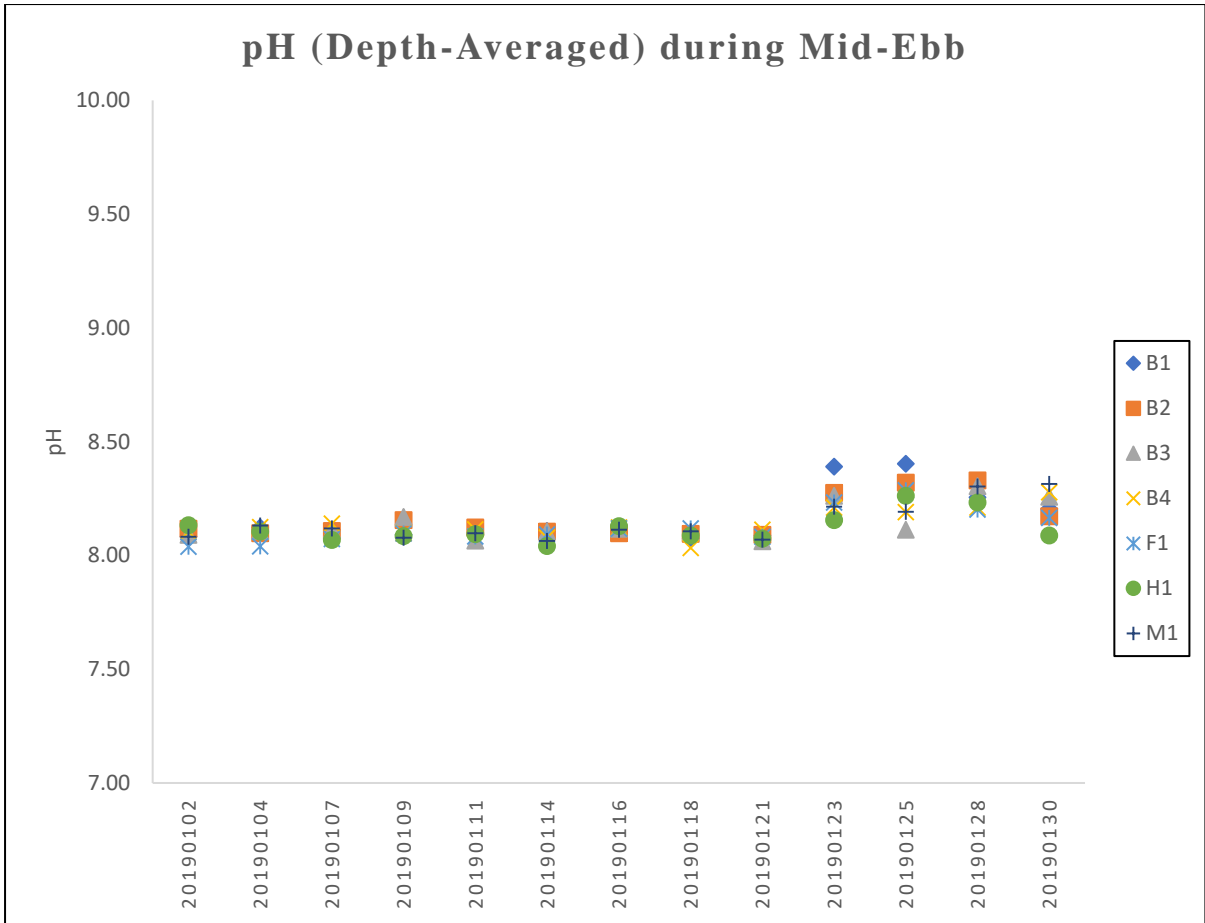
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

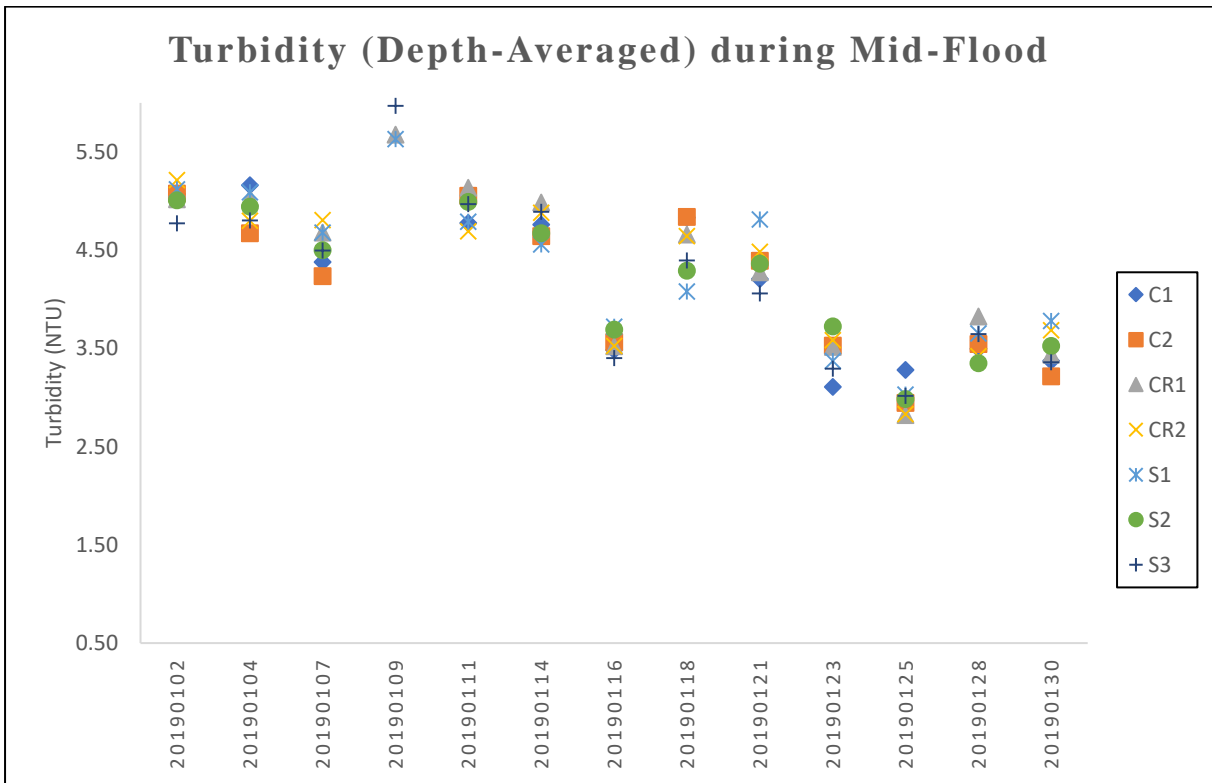
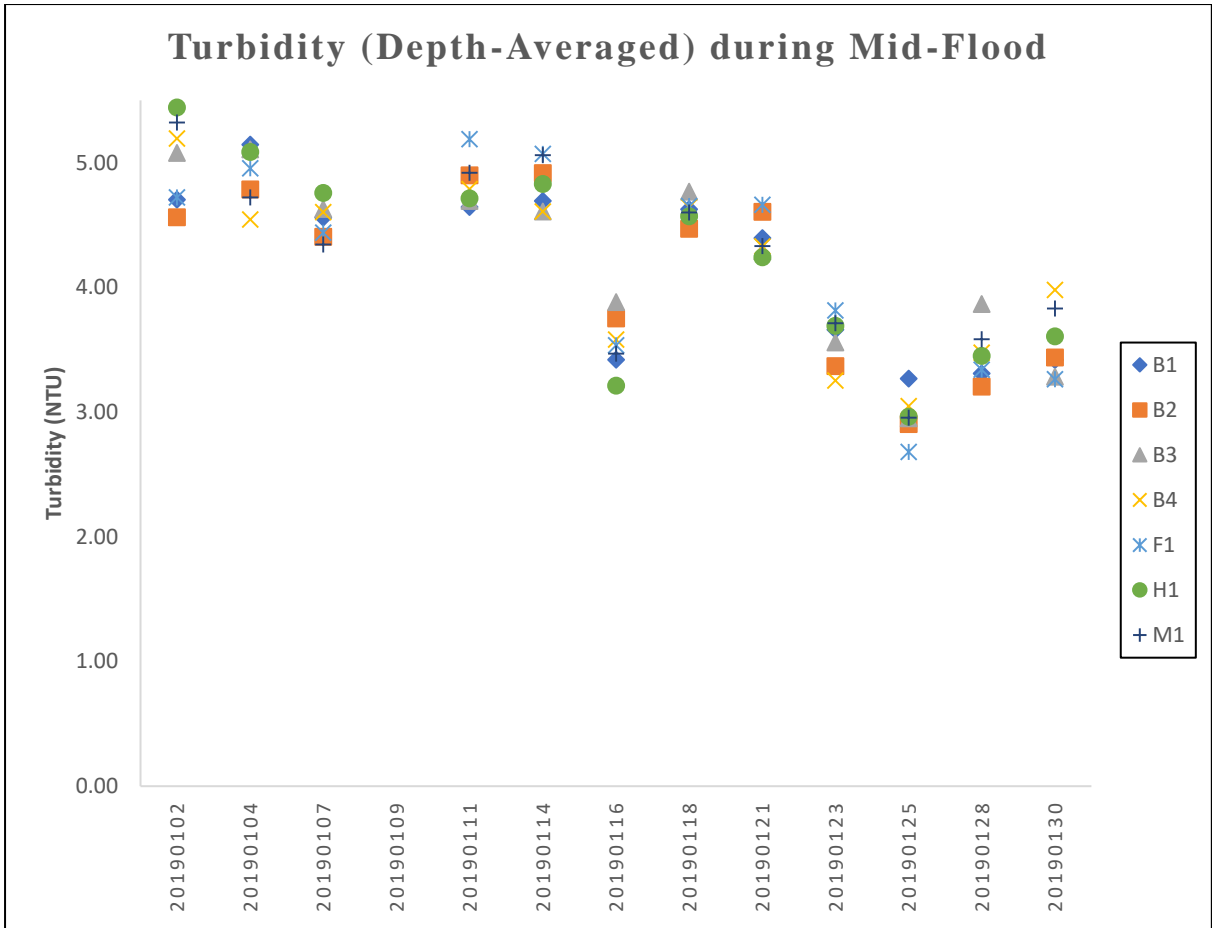


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

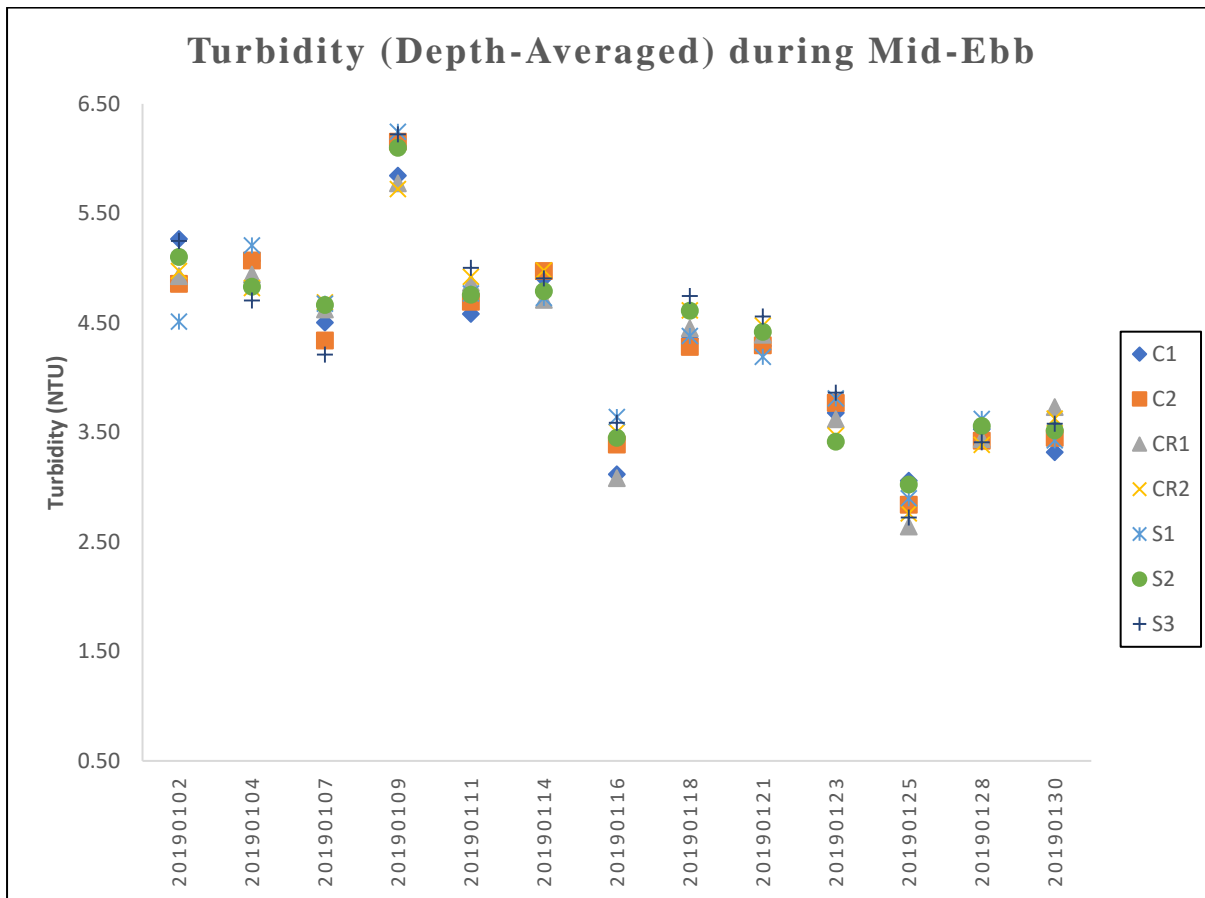
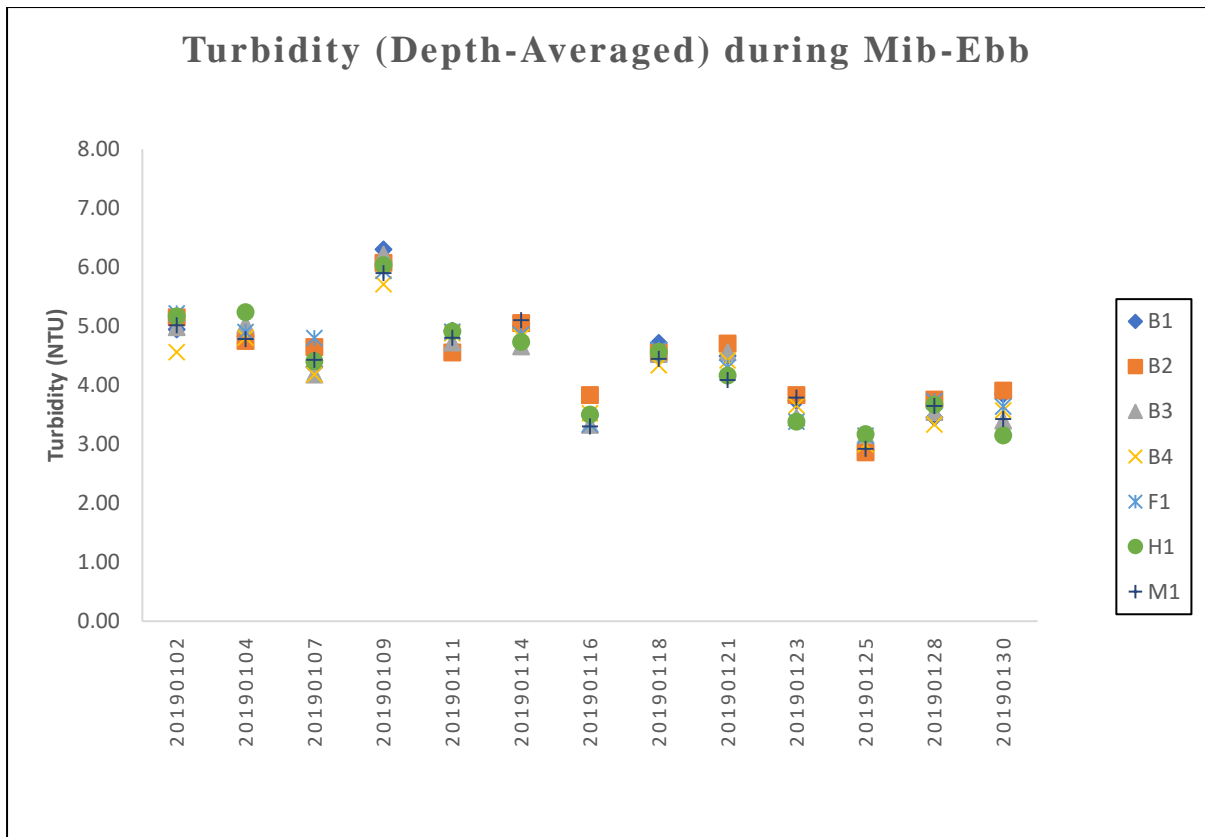


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

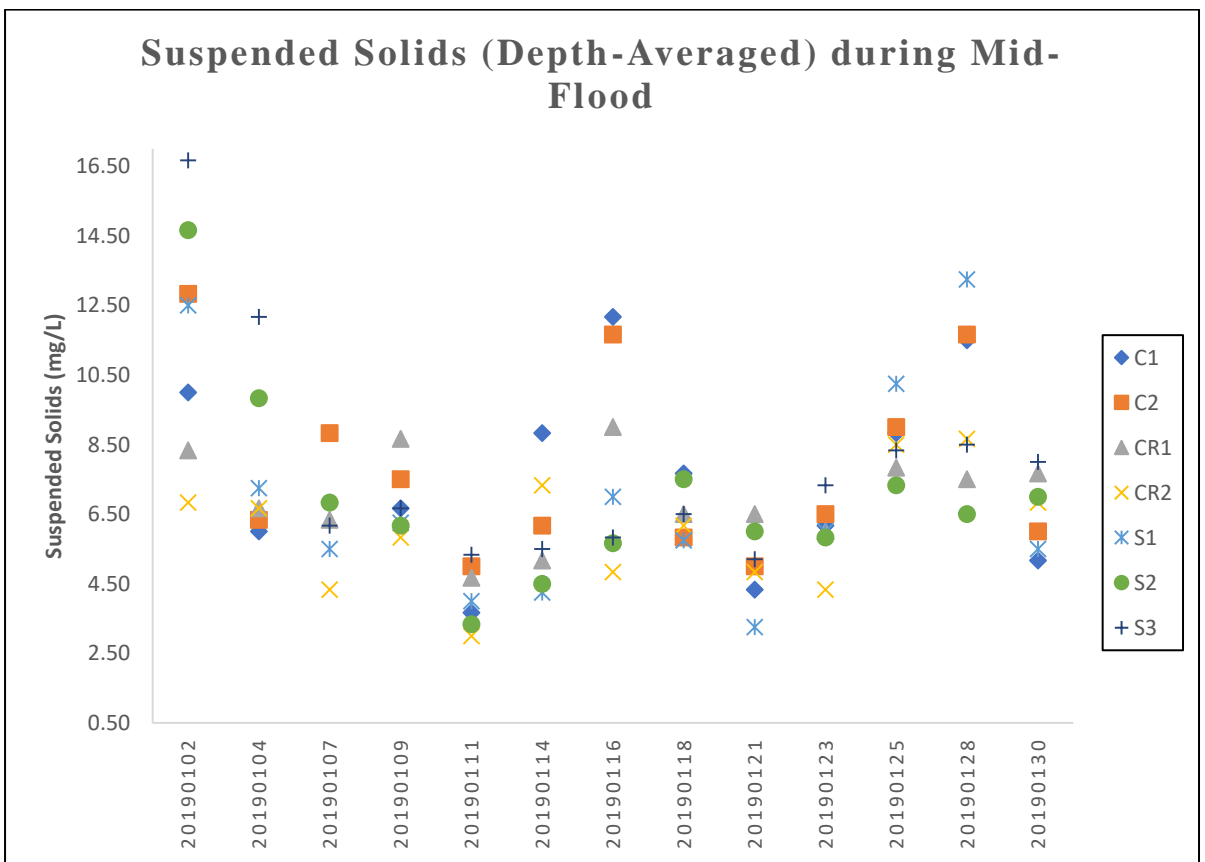
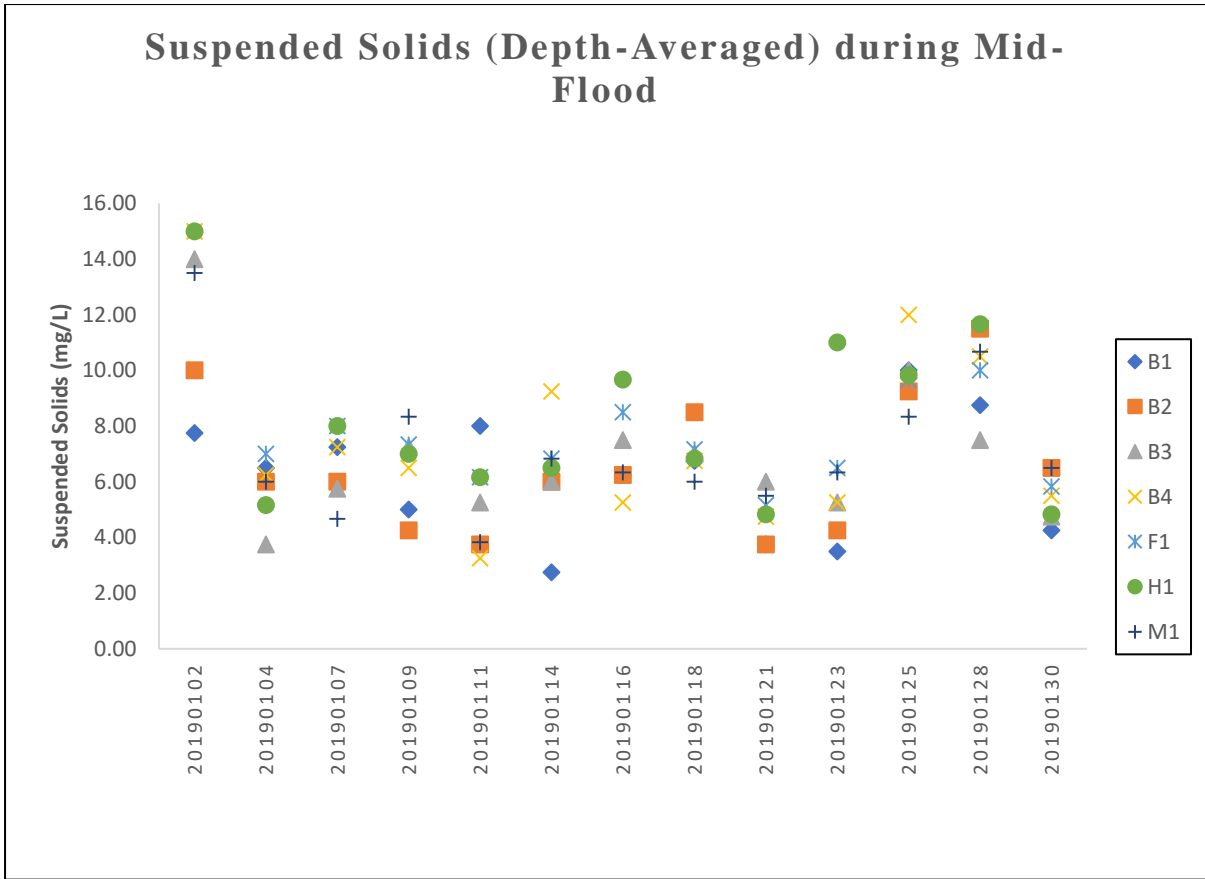




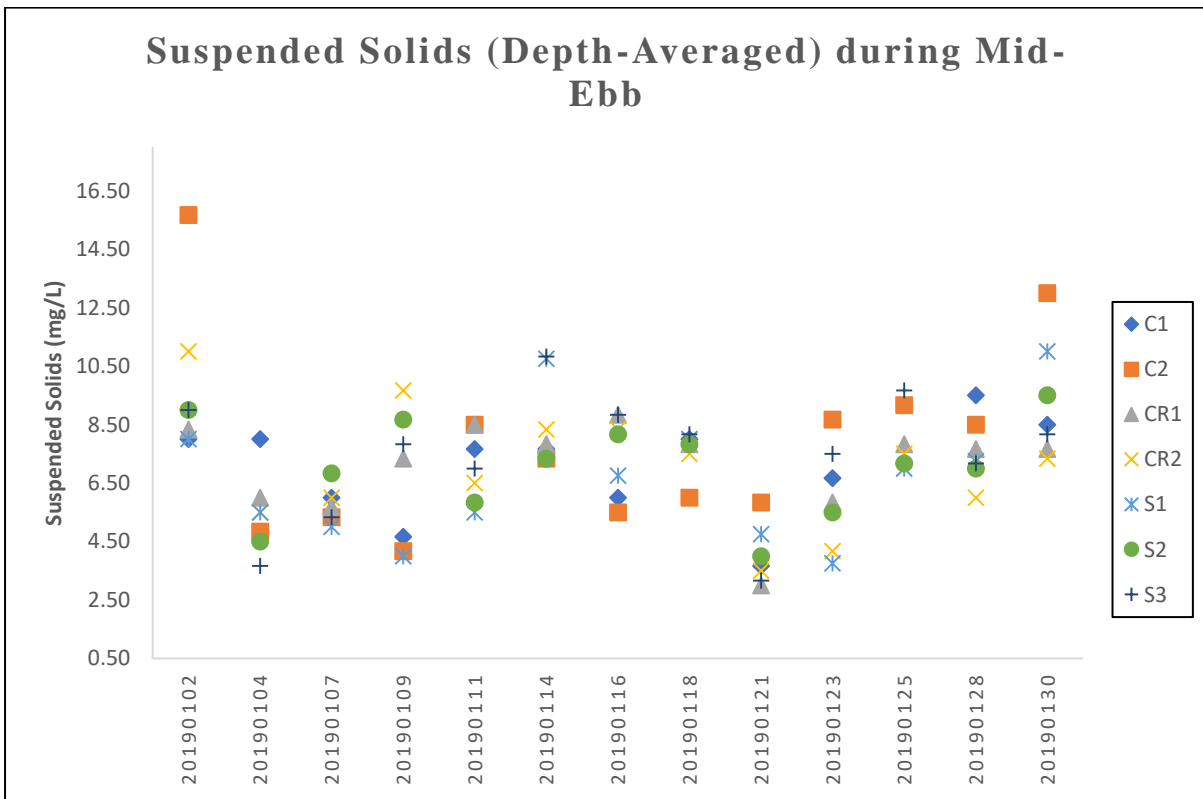
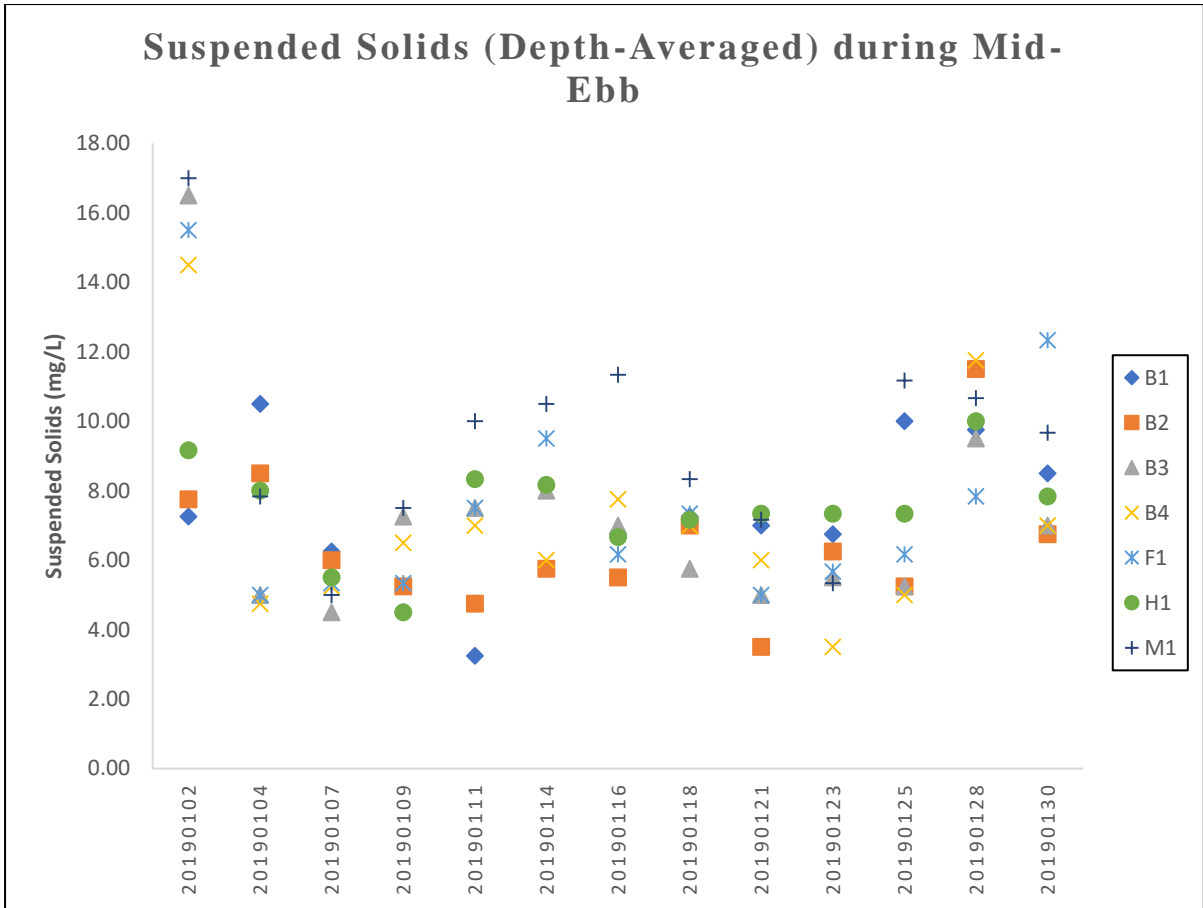
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



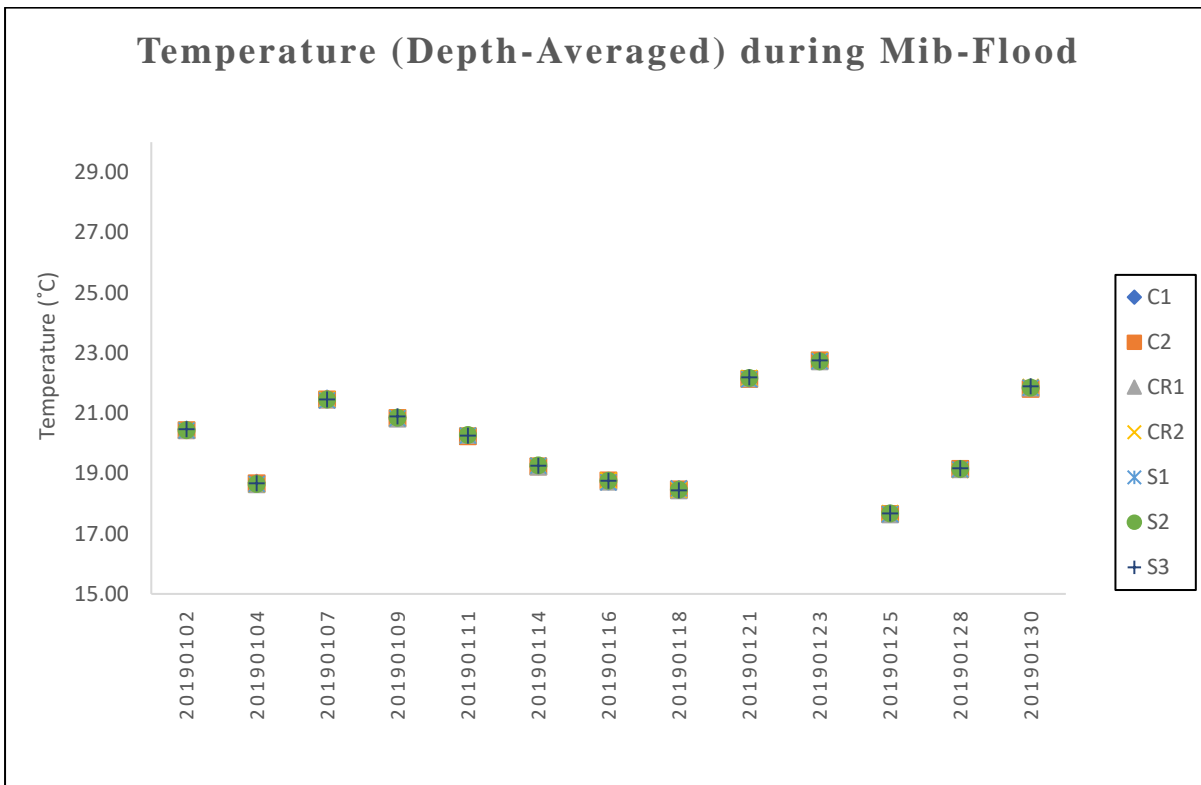
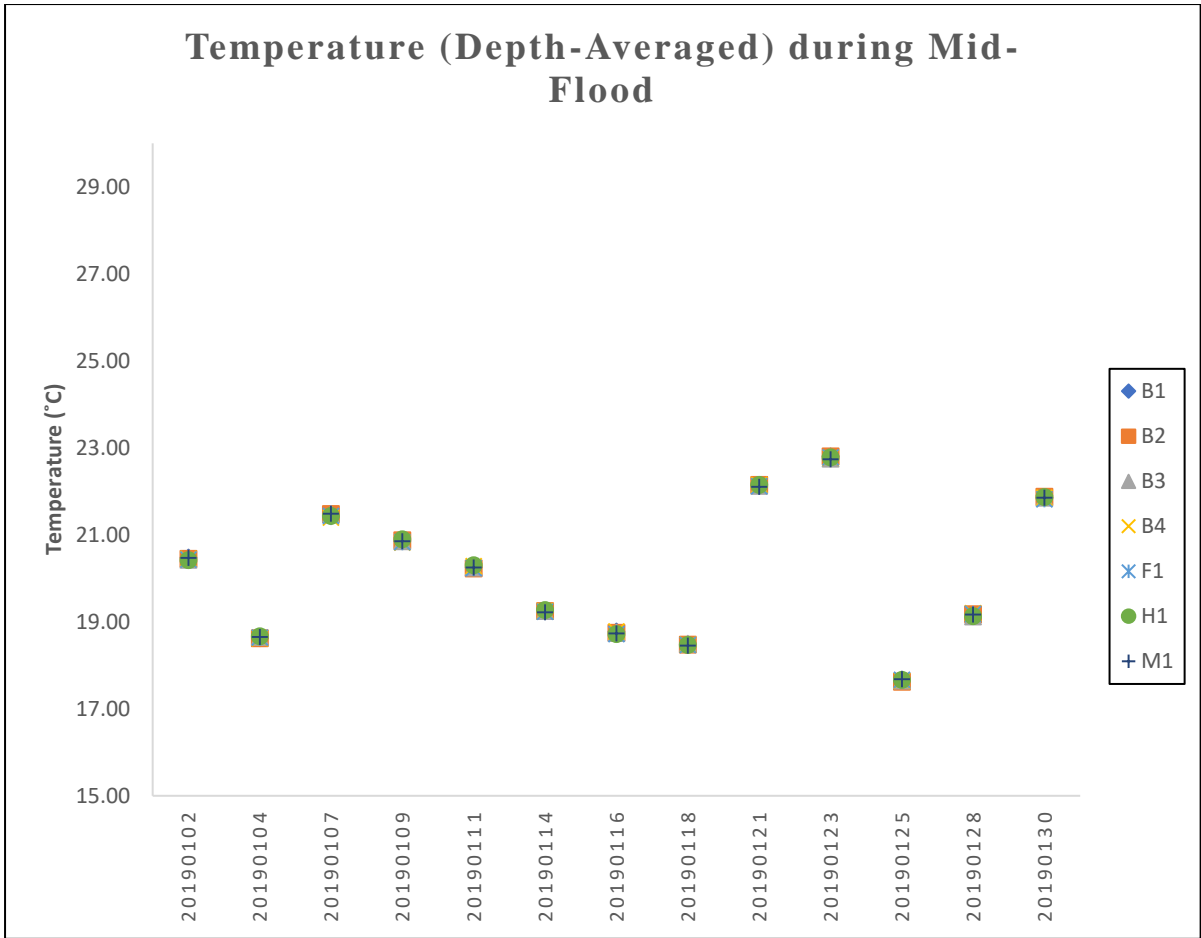
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



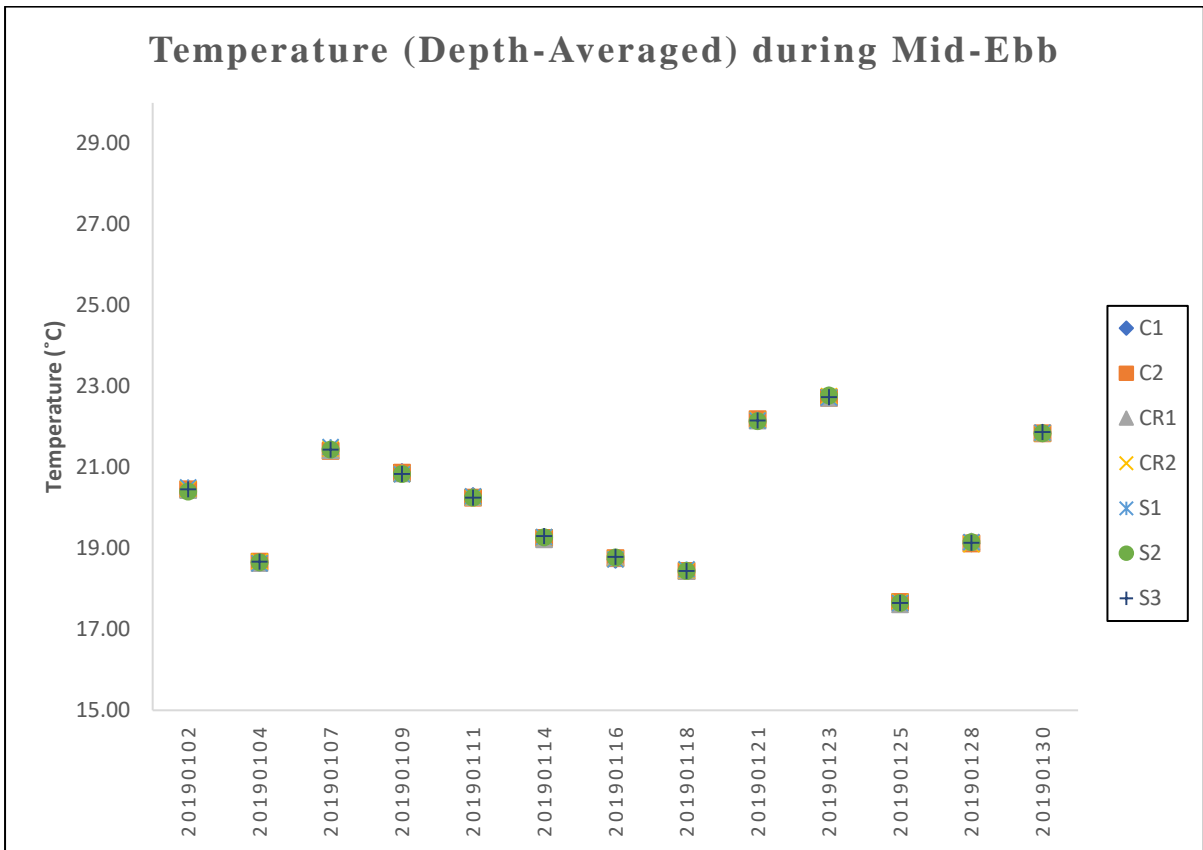
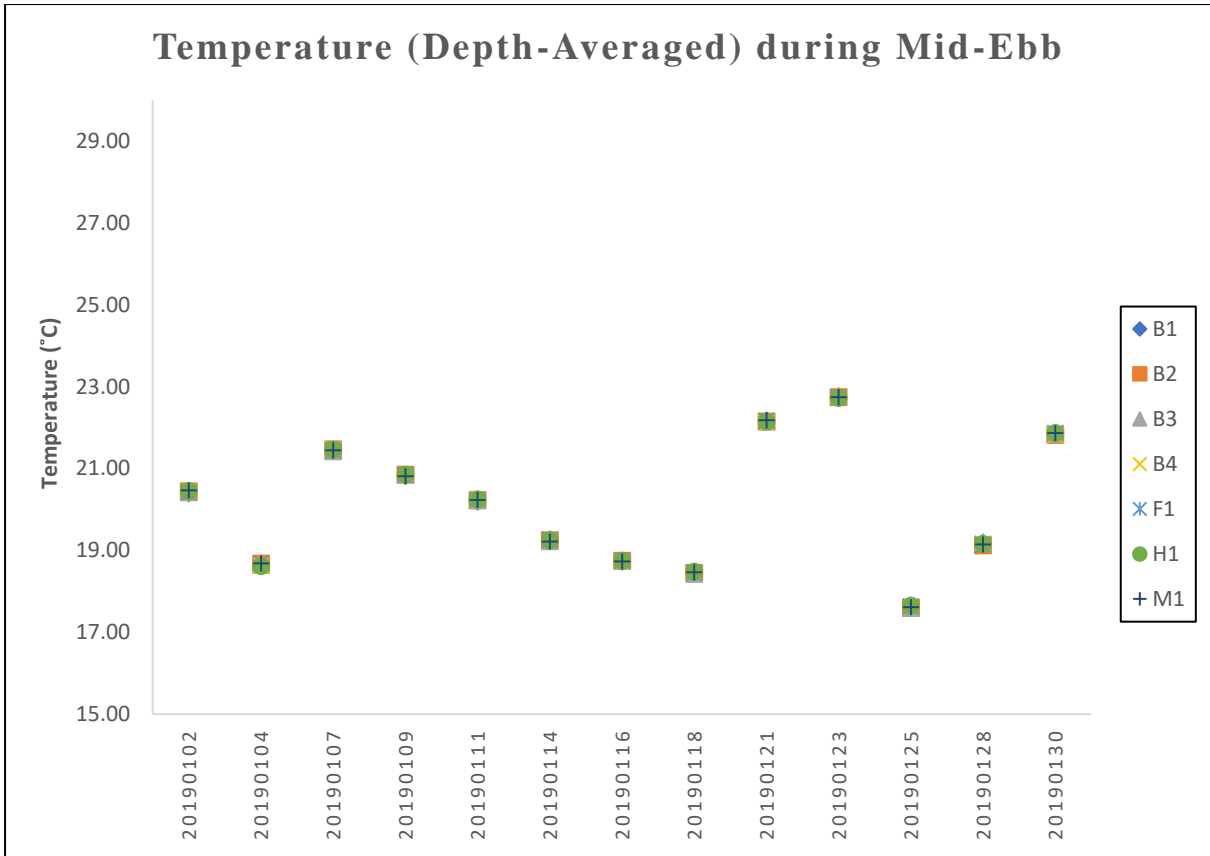
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



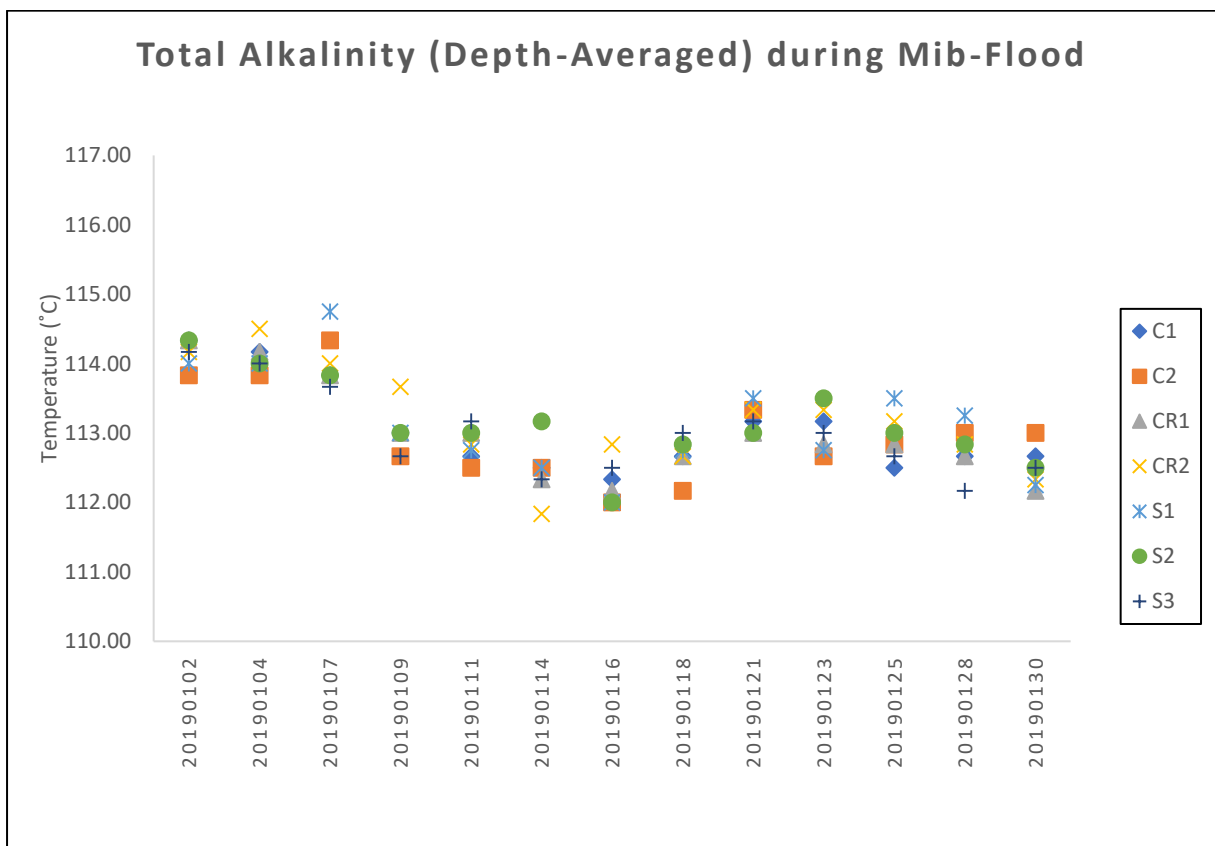
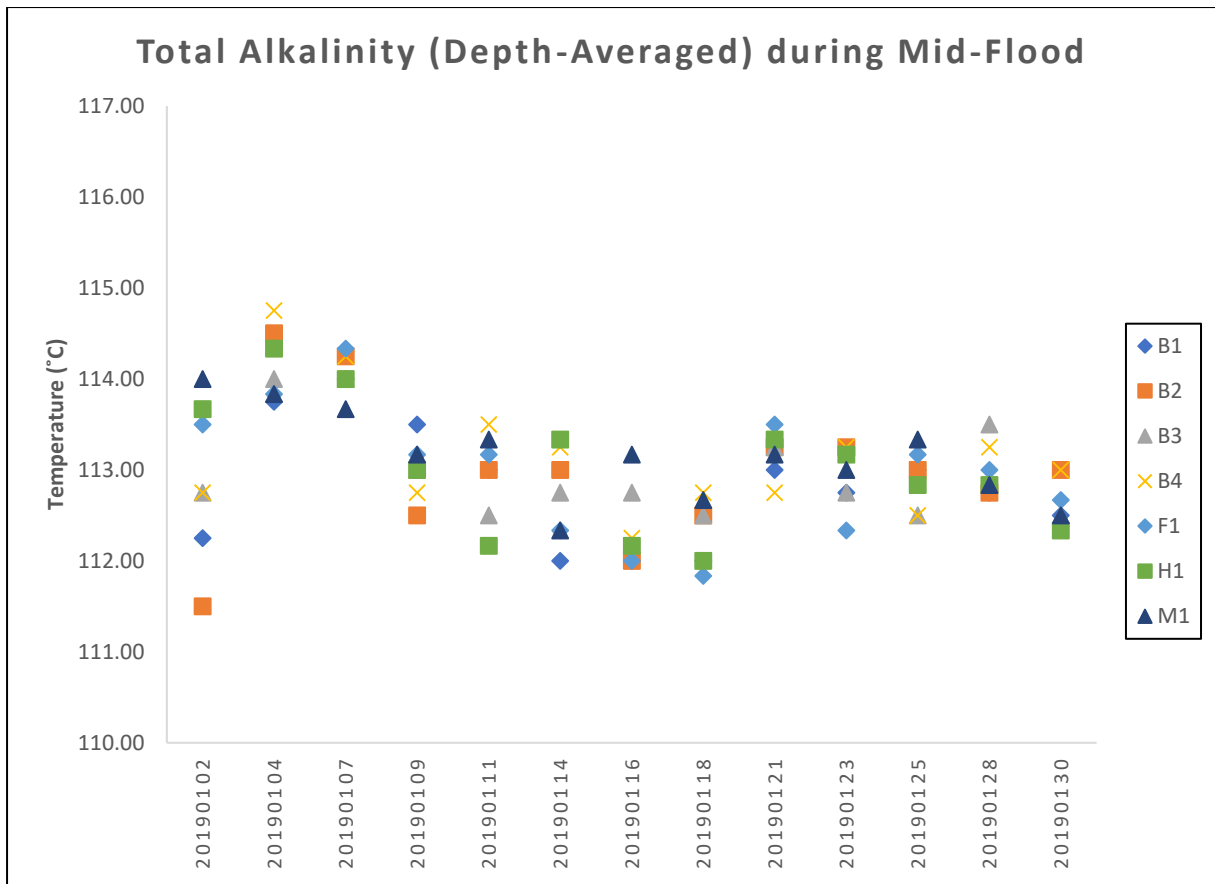
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



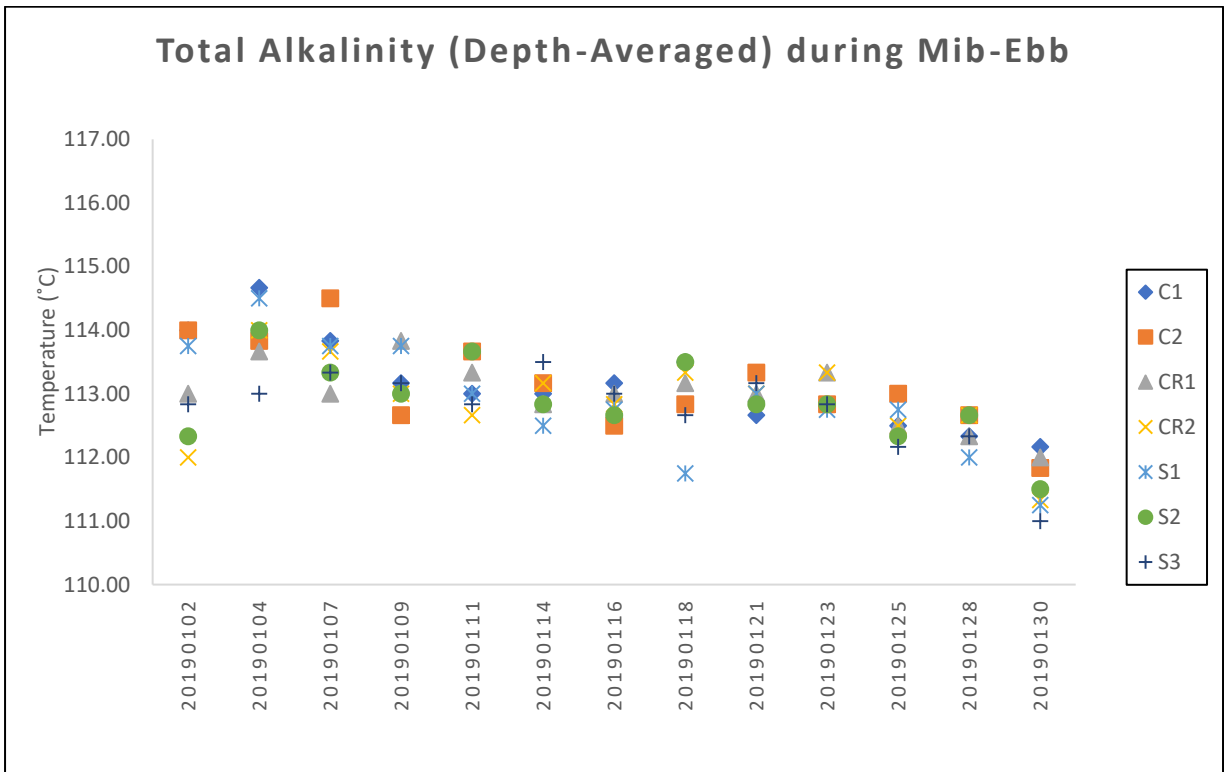
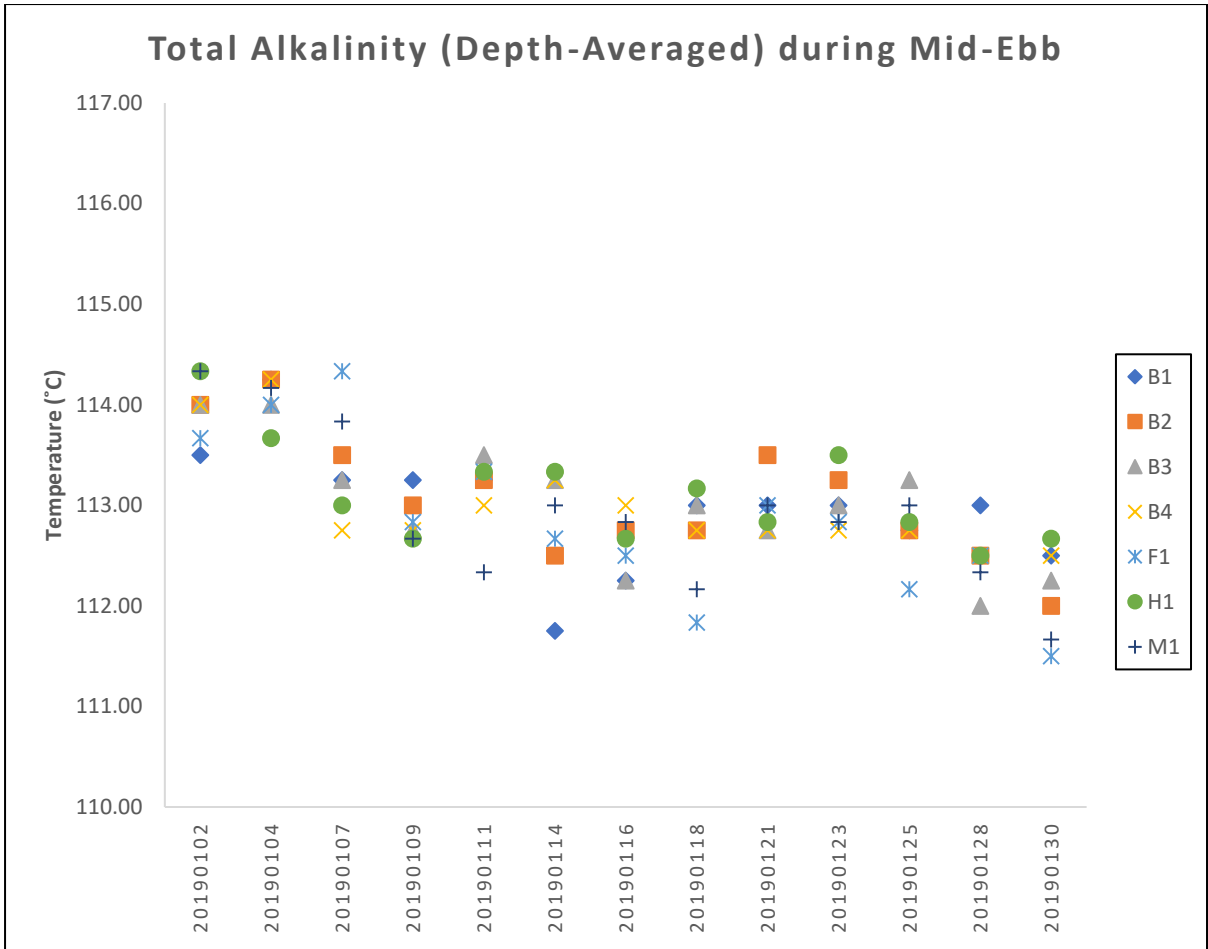
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



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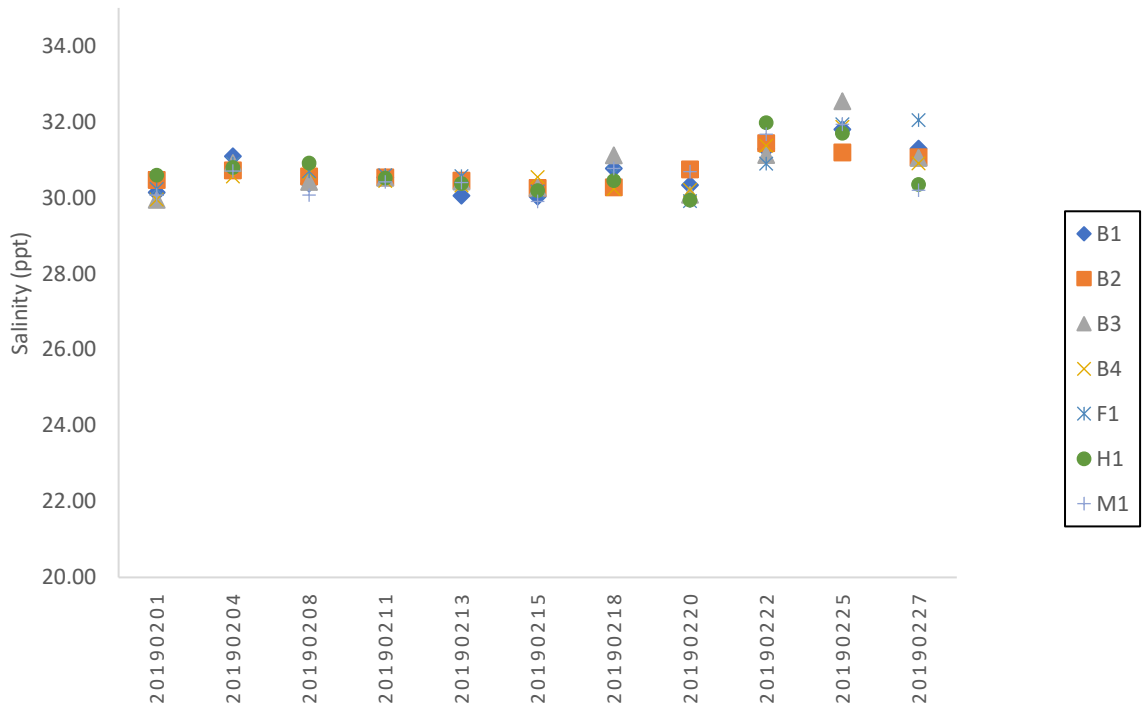


Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

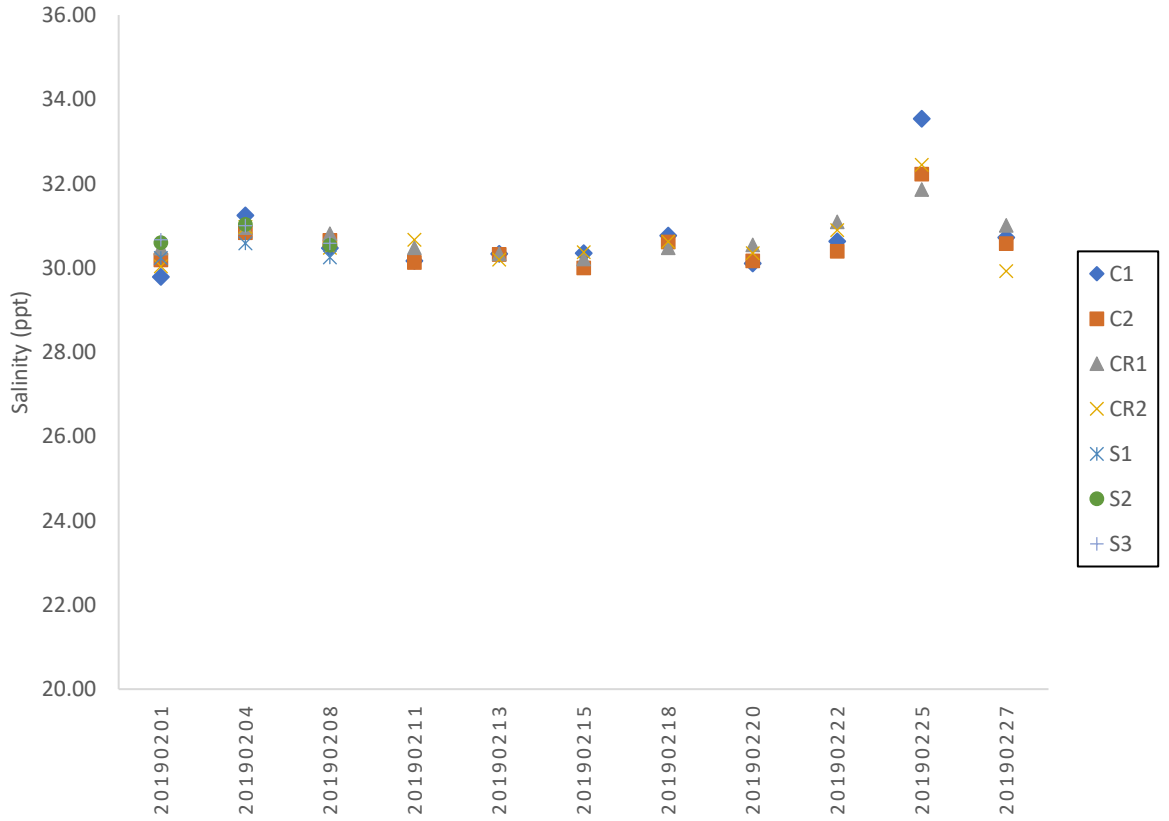


Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

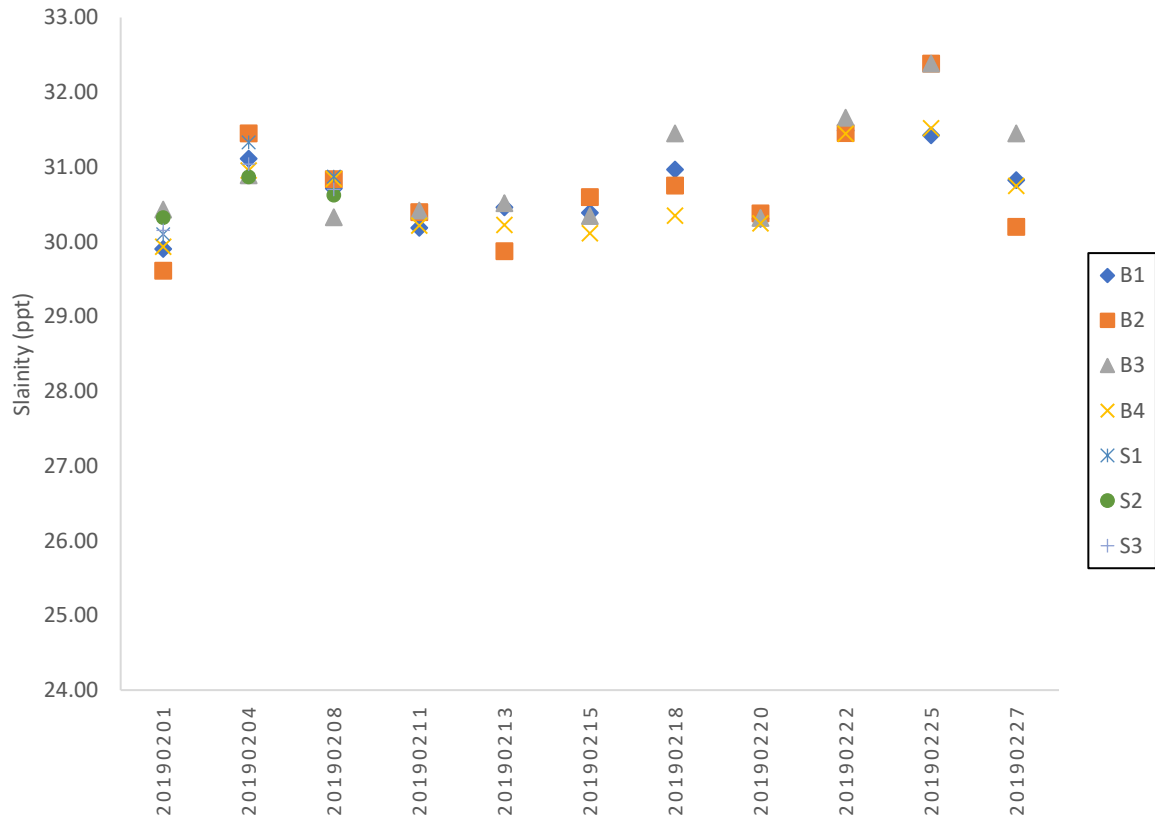
Salinity (Depth-averaged) during Mid-Flood



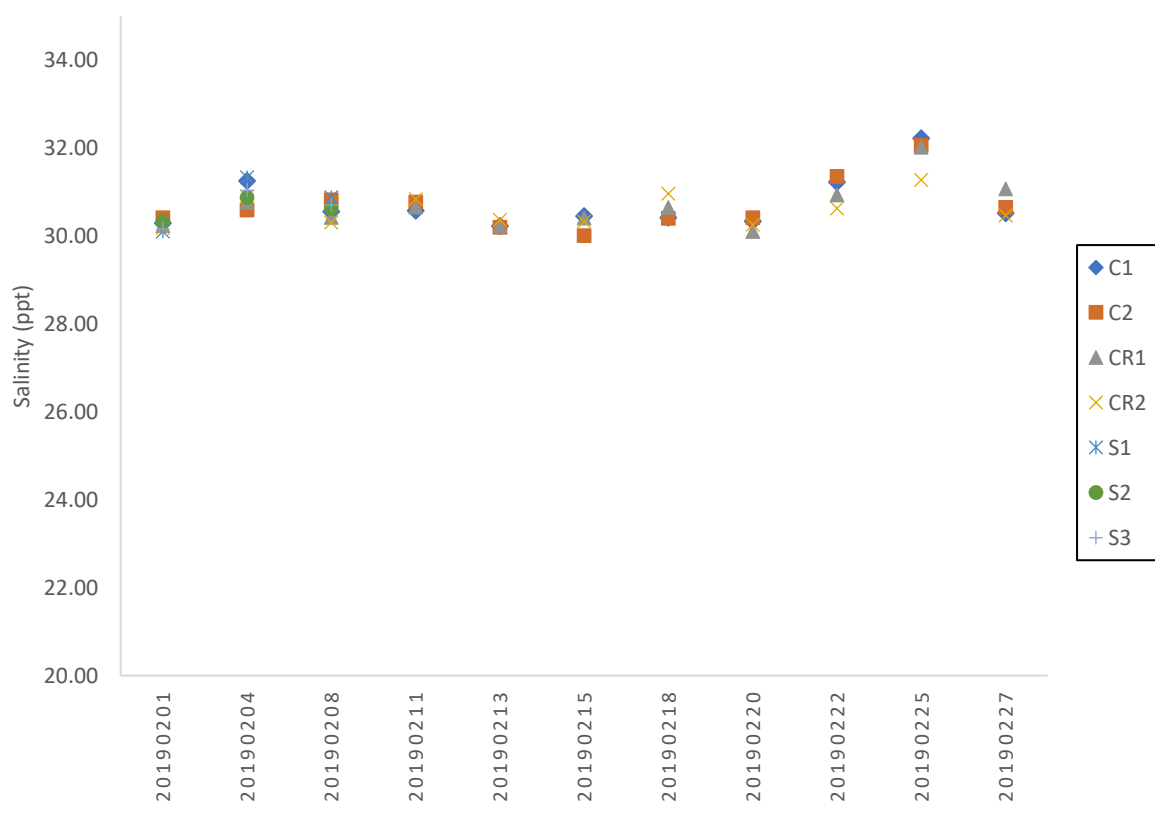
Salinity (Depth-averaged) during Mid-Flood

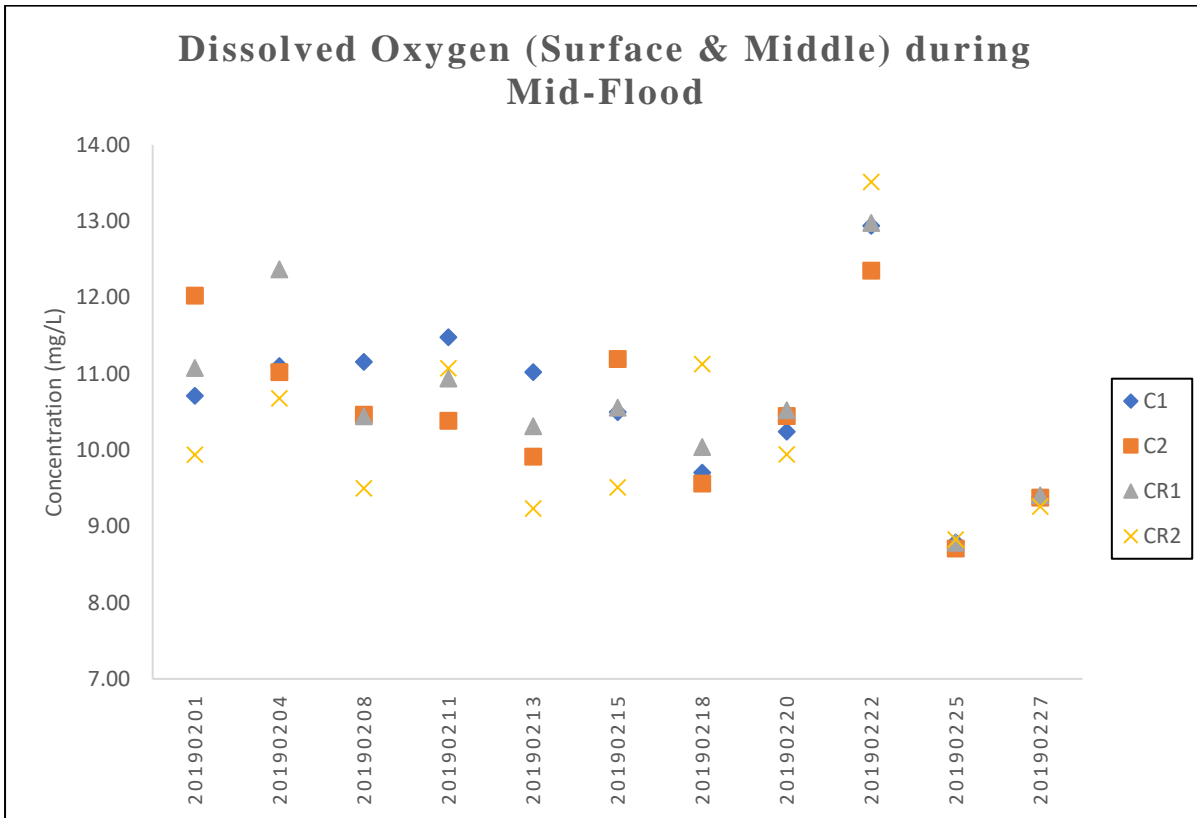
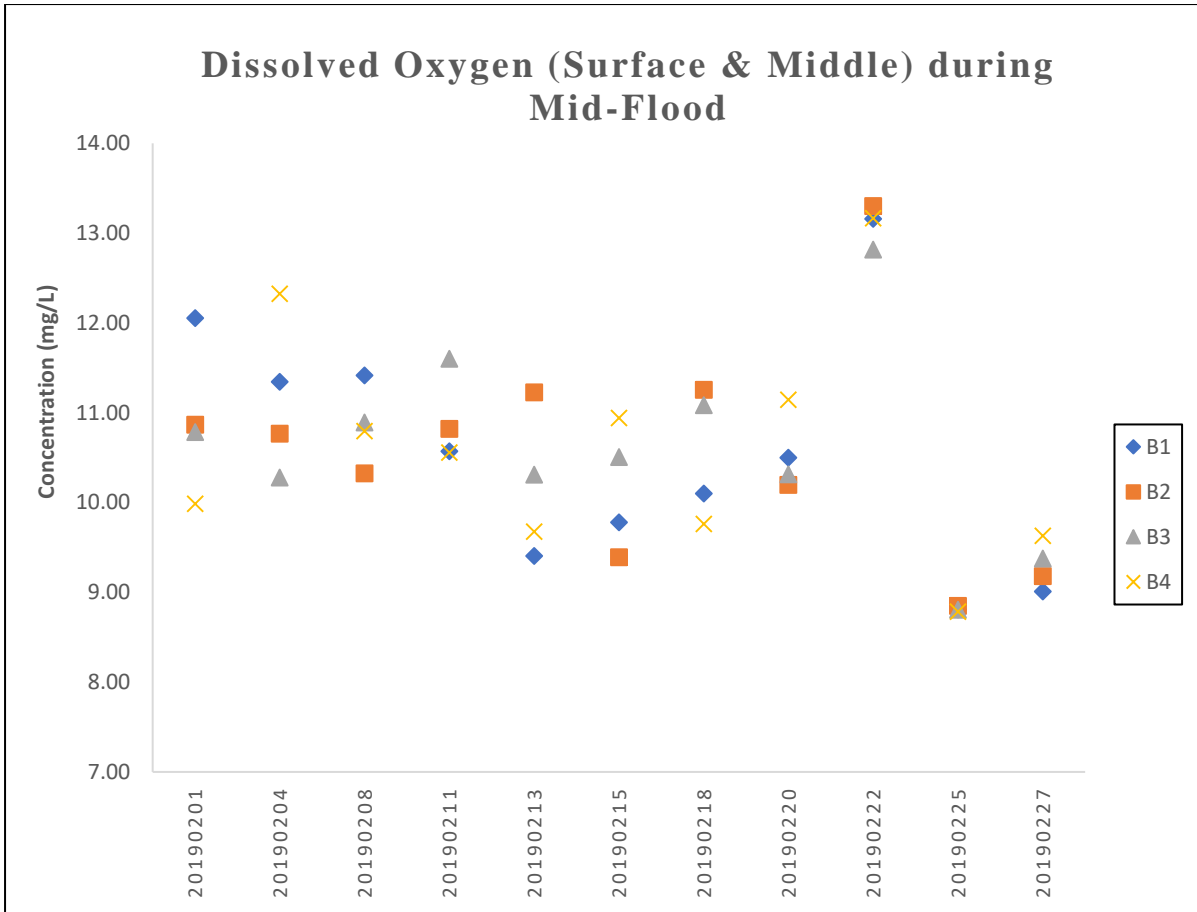


Salinity (Depth-averaged) during Mid-Ebb

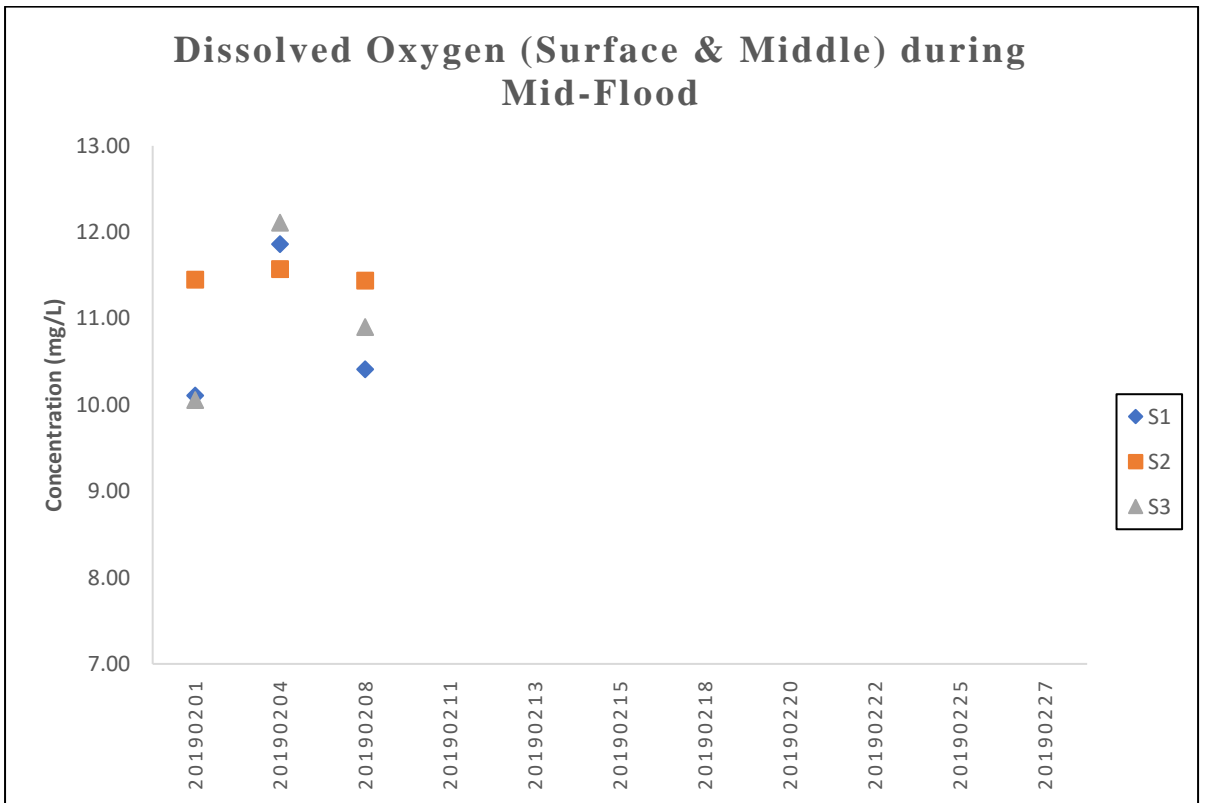
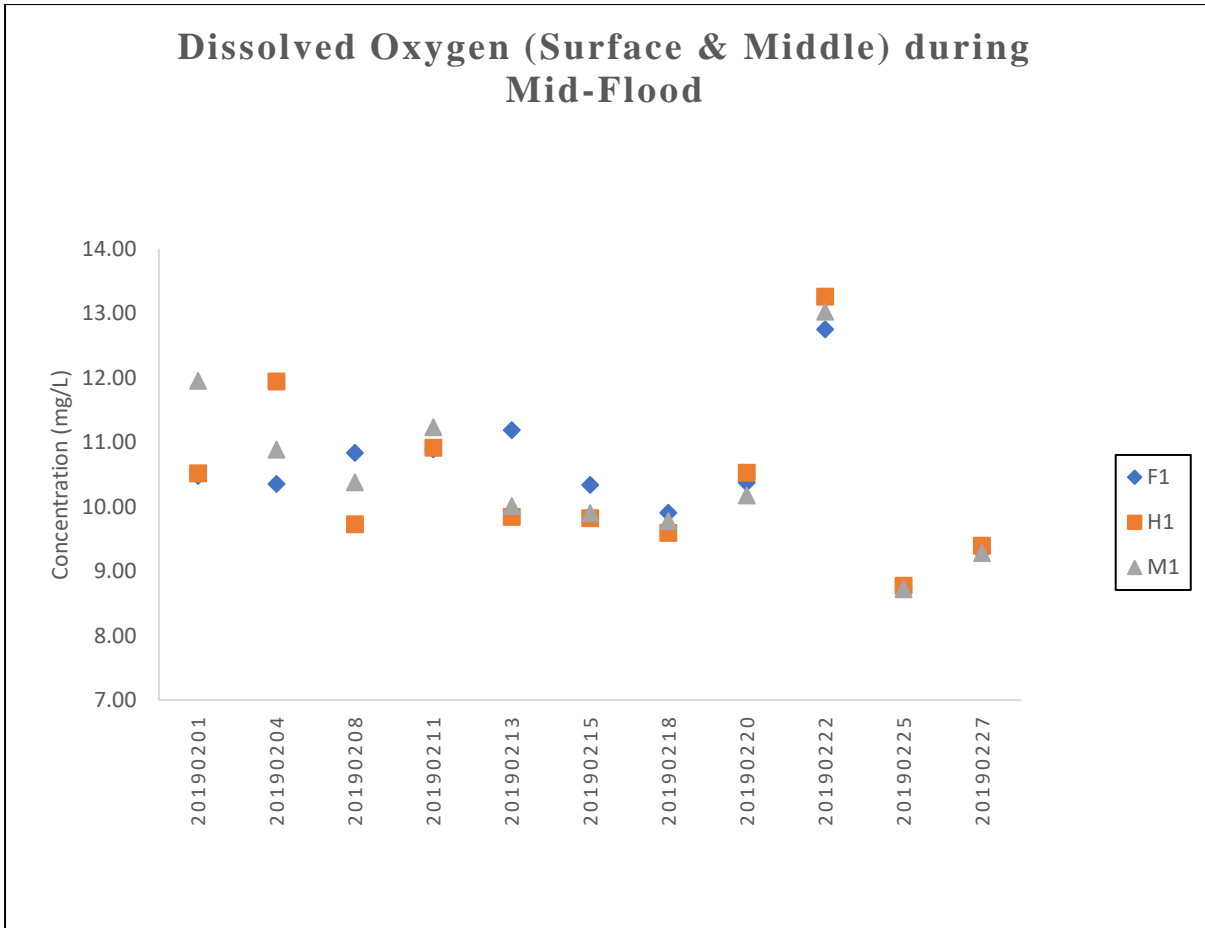


Salinity (Depth-averaged) during Mid-Ebb

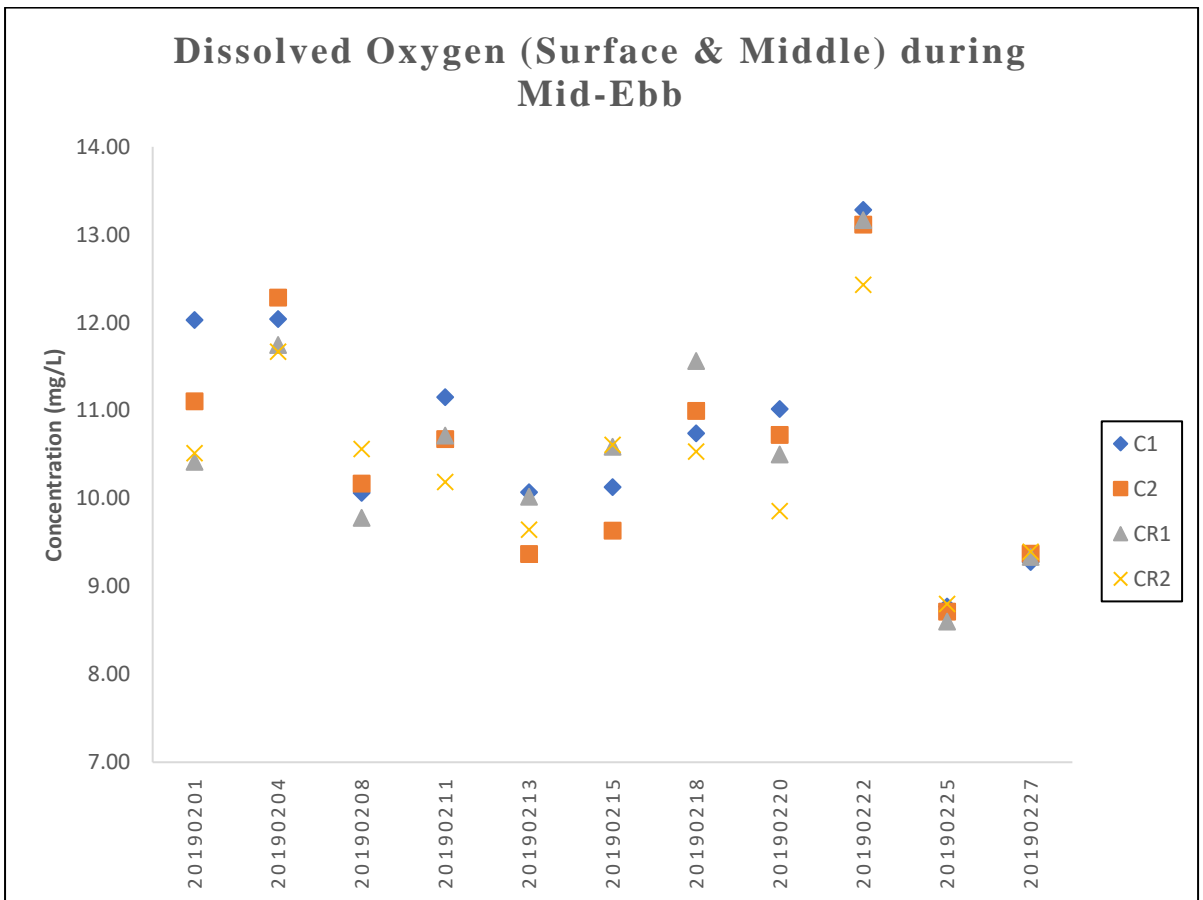
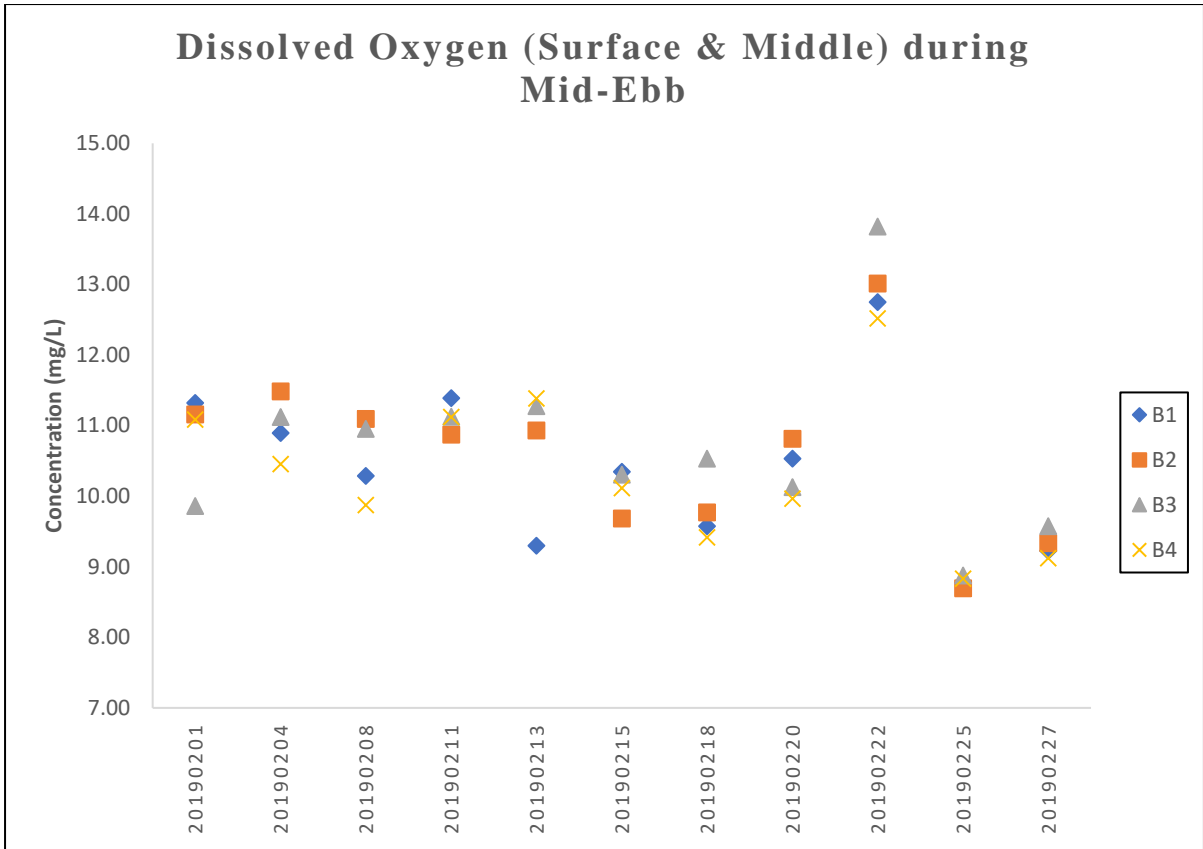




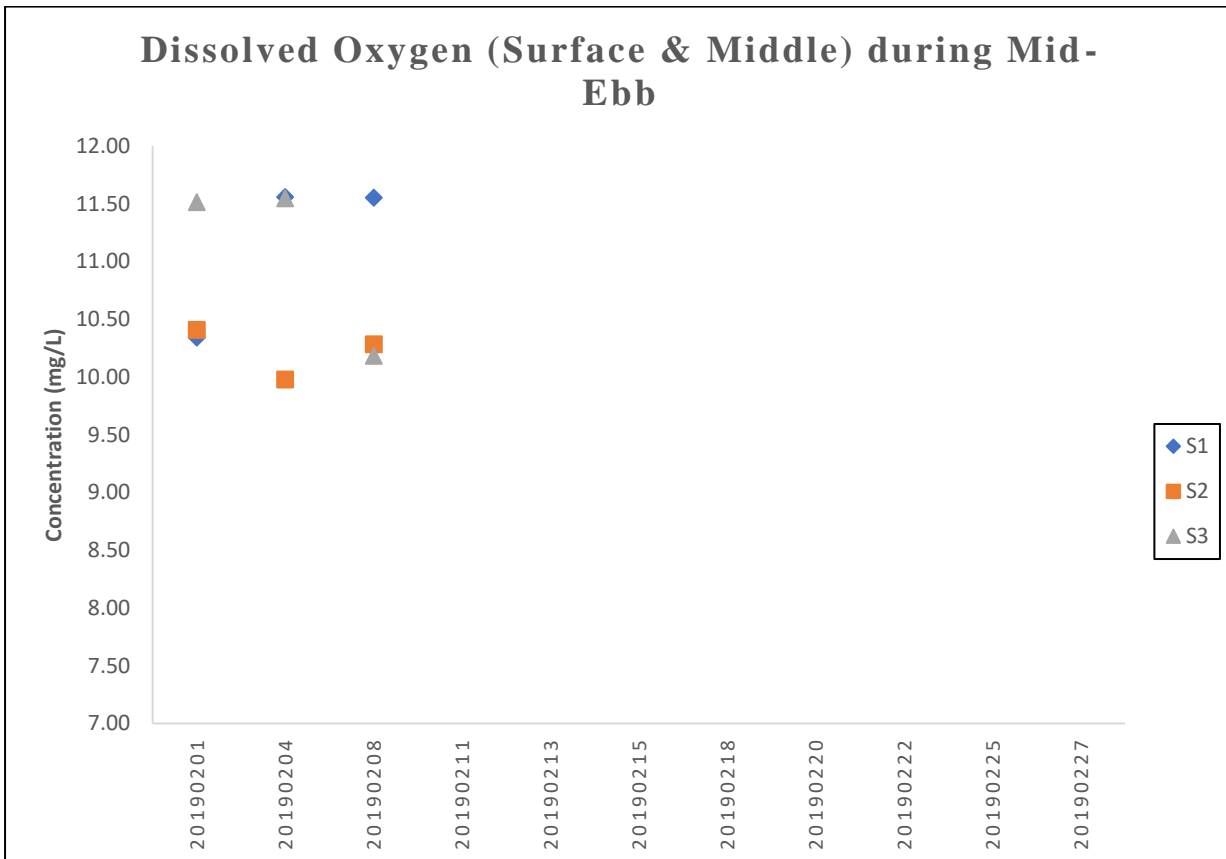
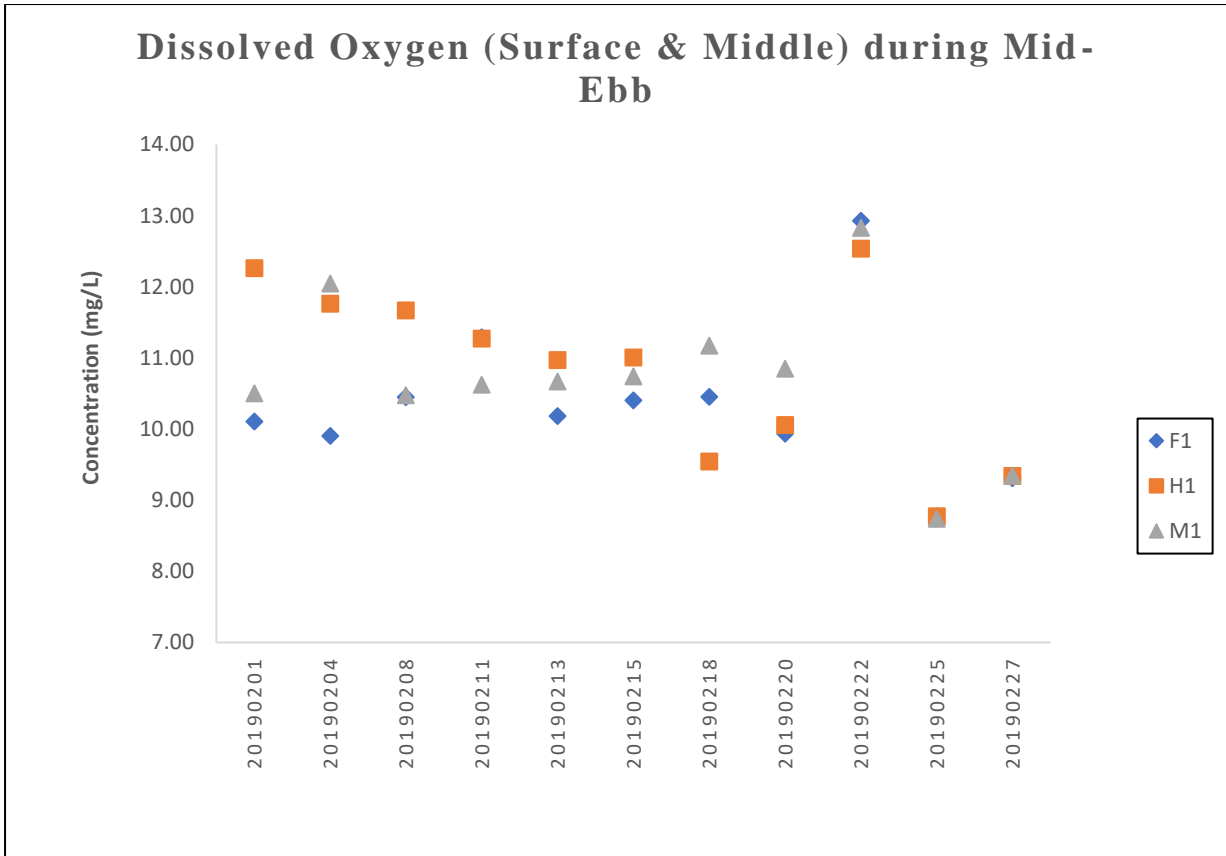
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



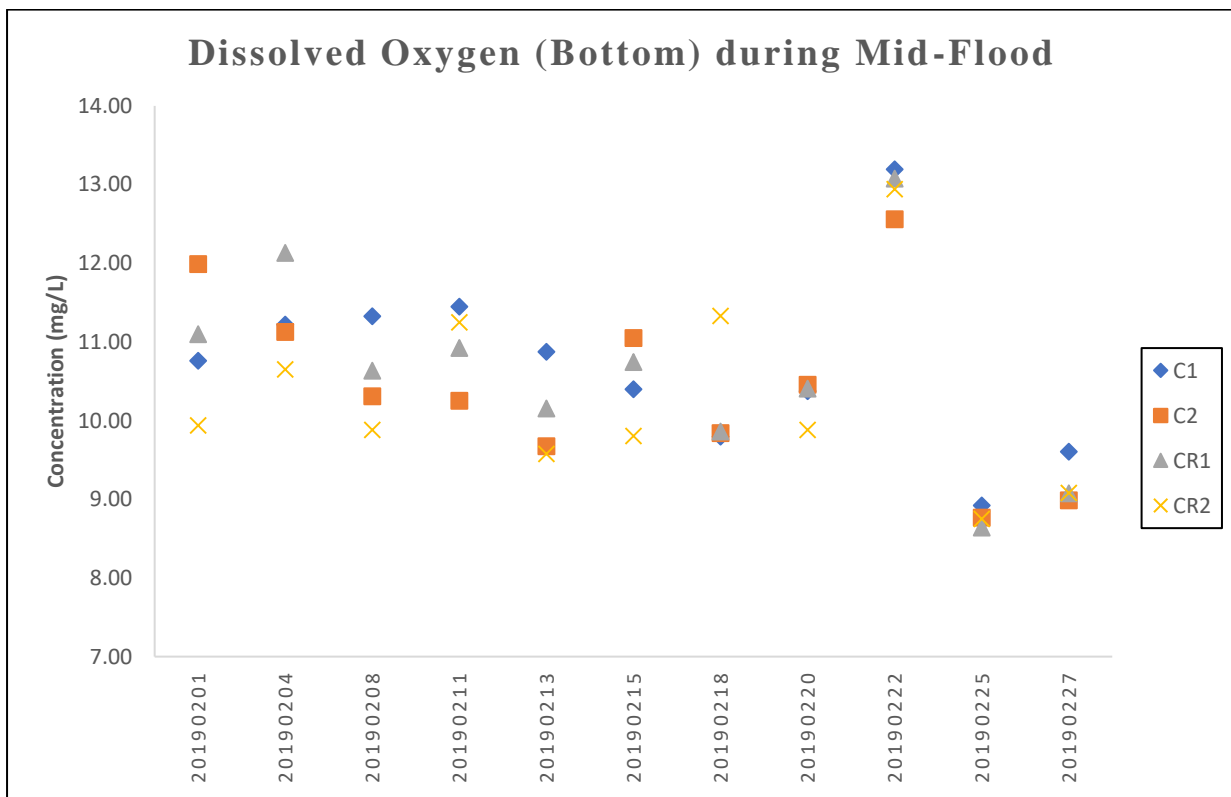
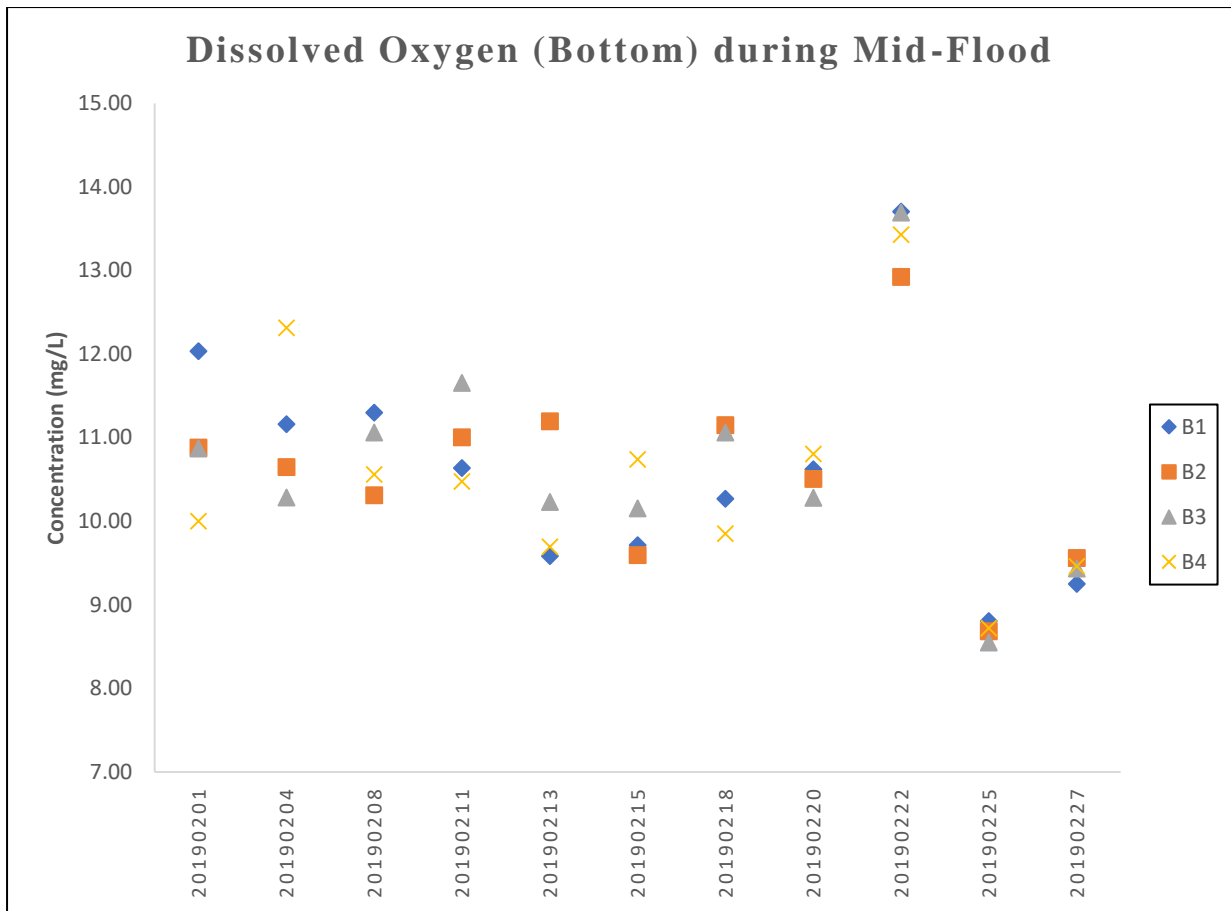
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



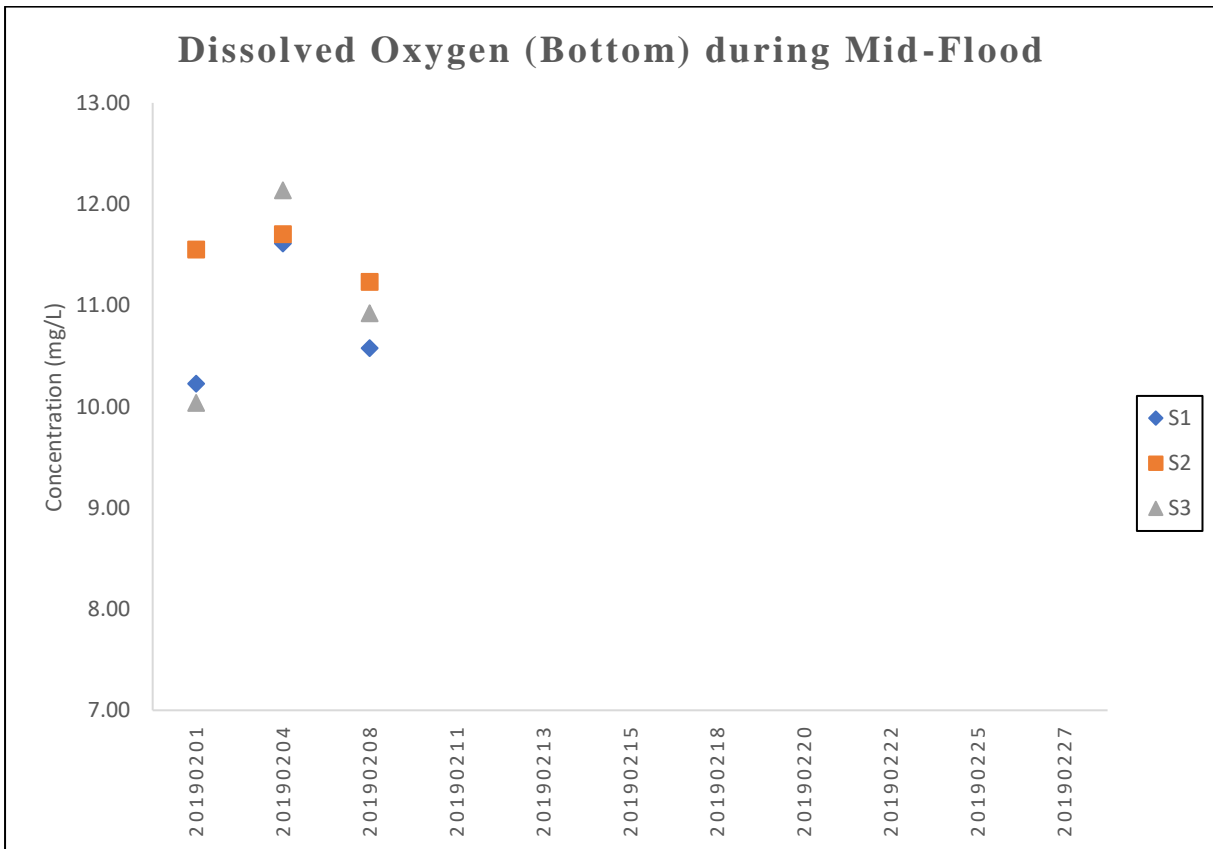
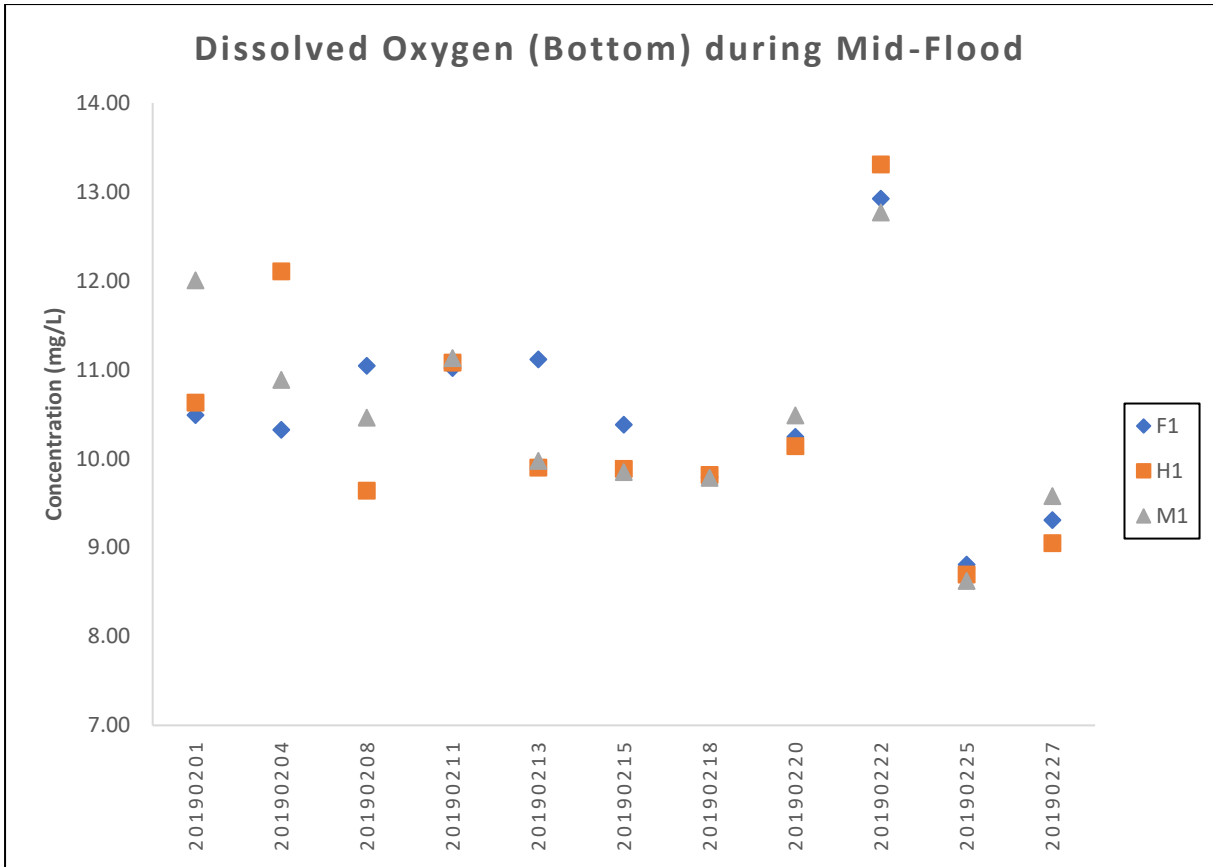
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



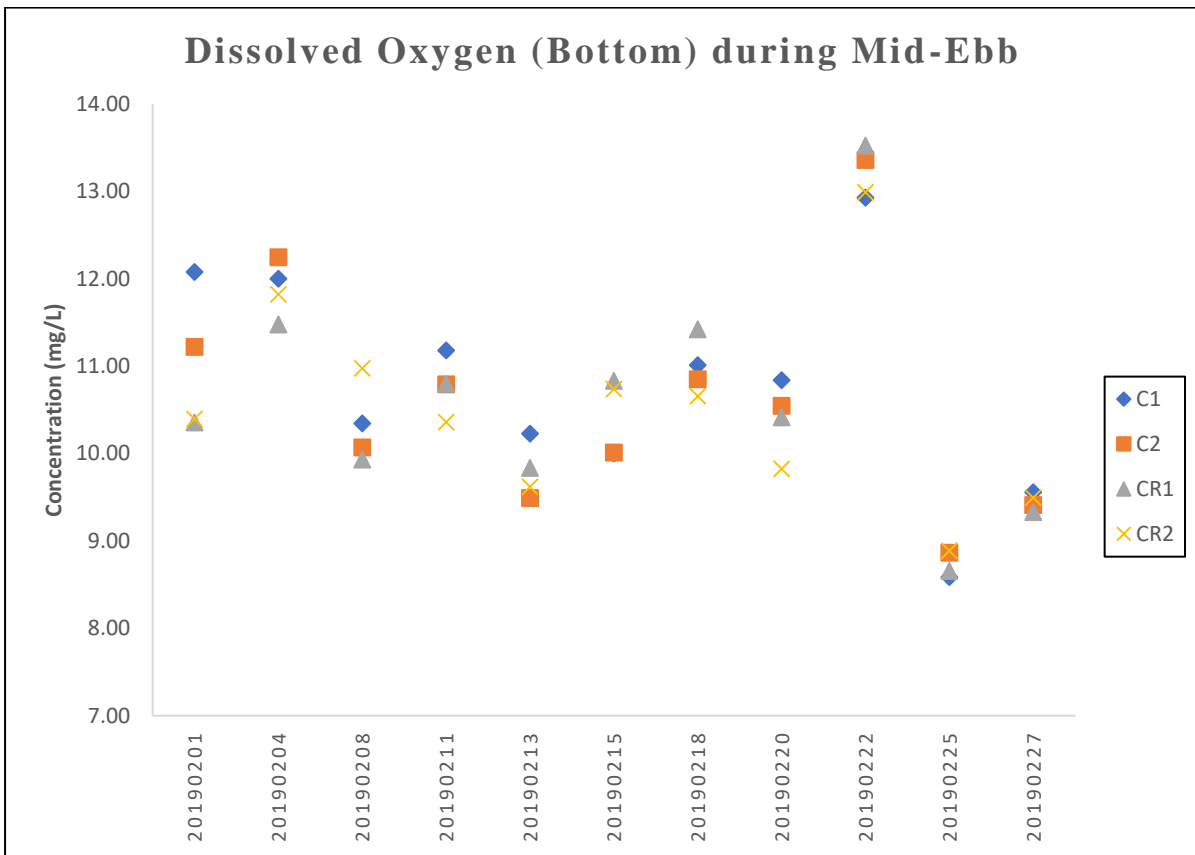
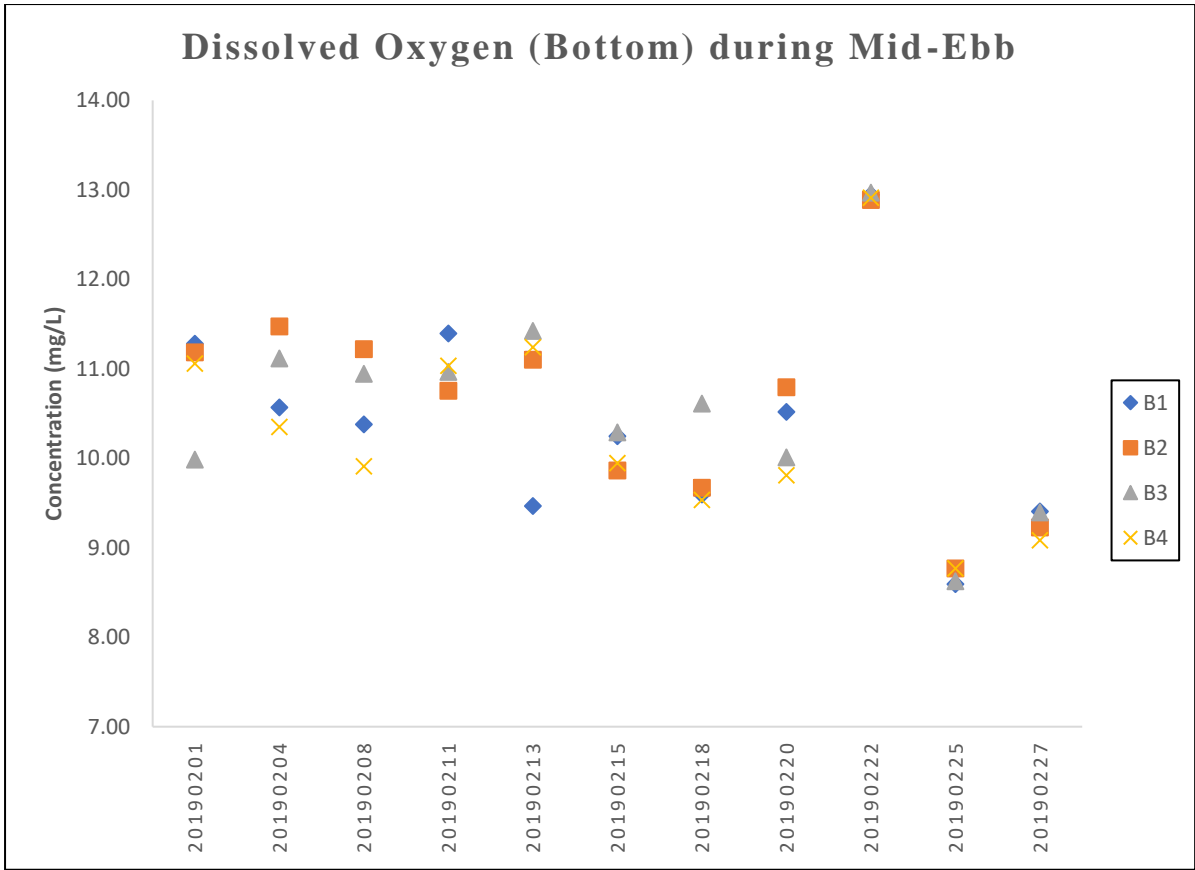
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



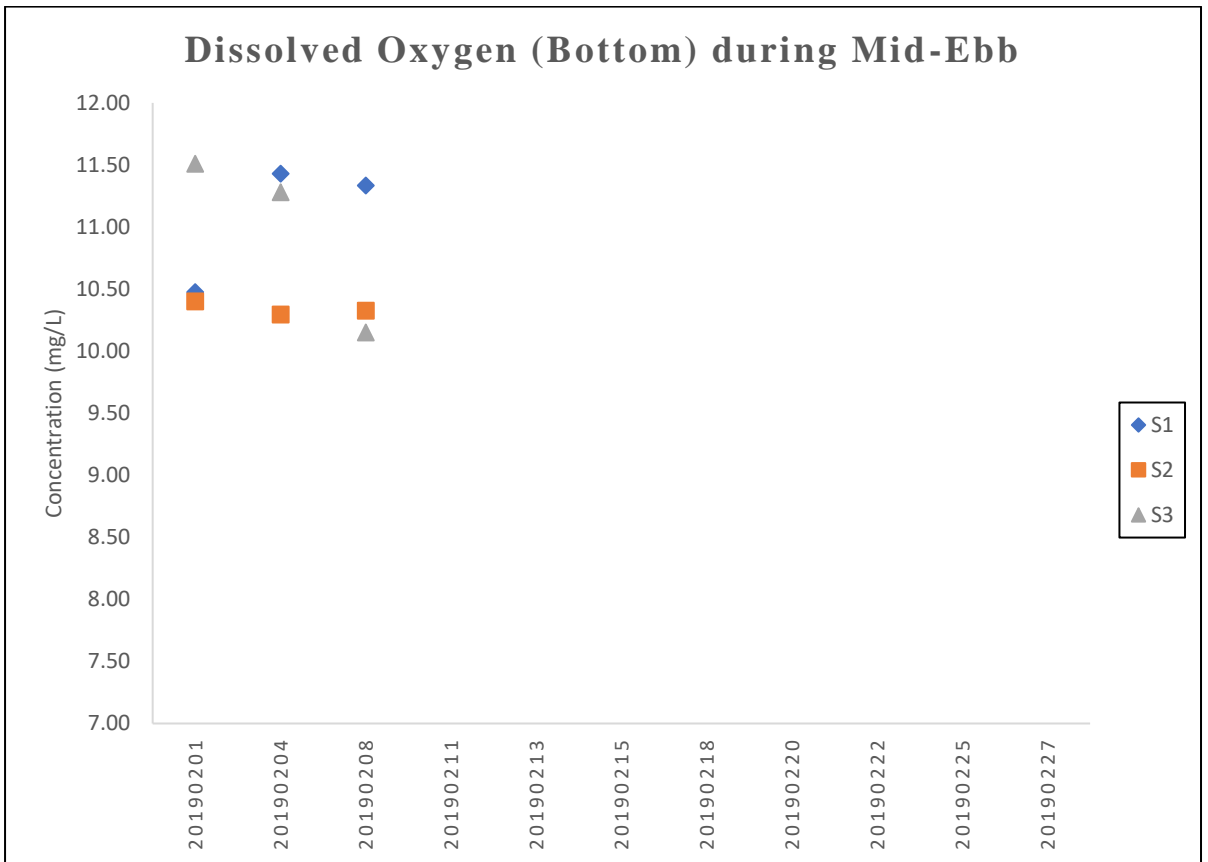
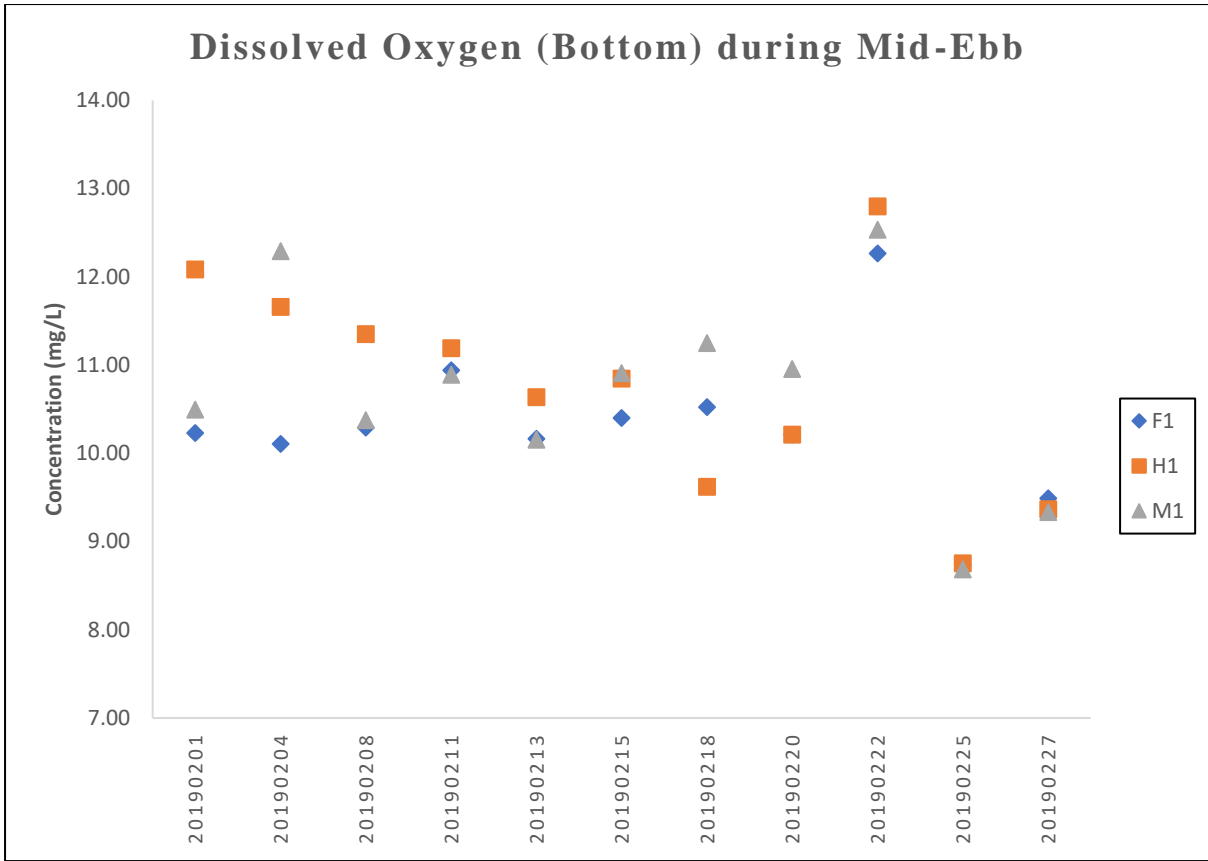
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



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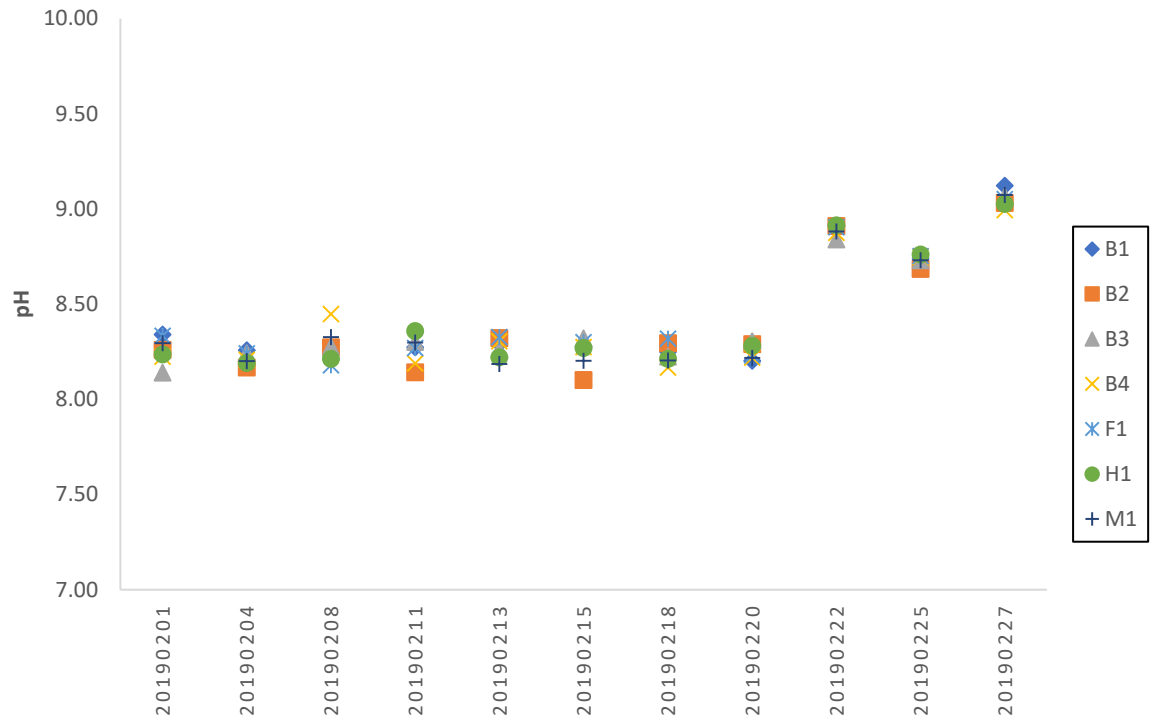


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

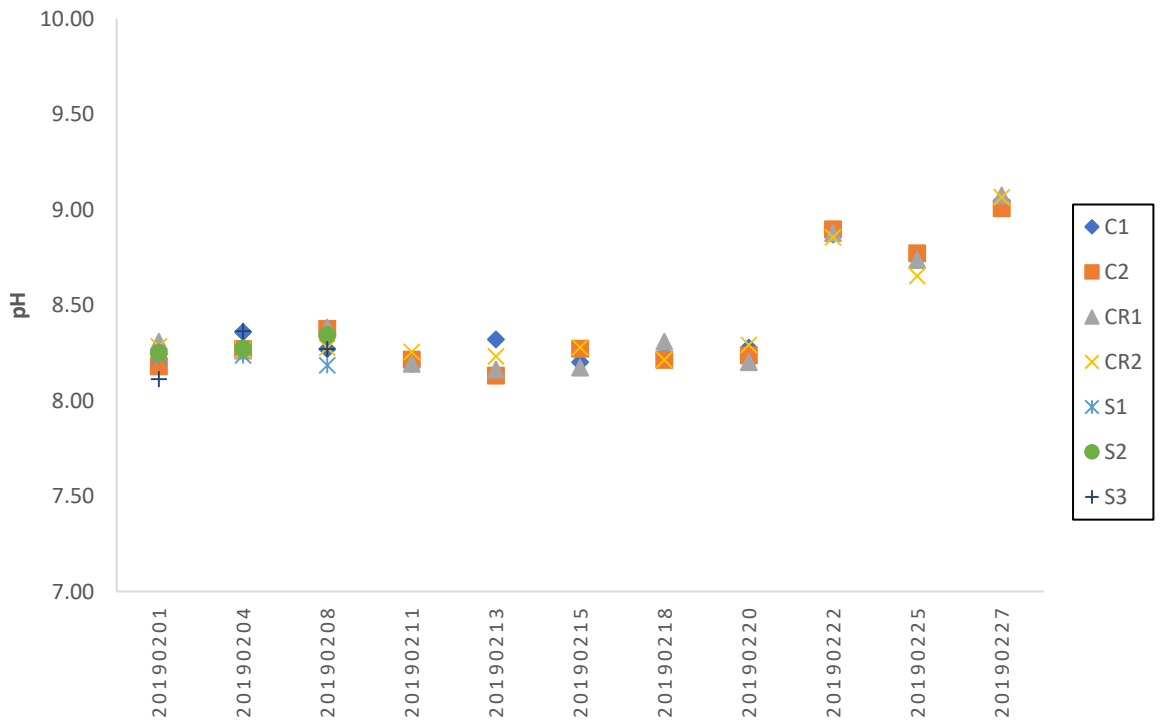


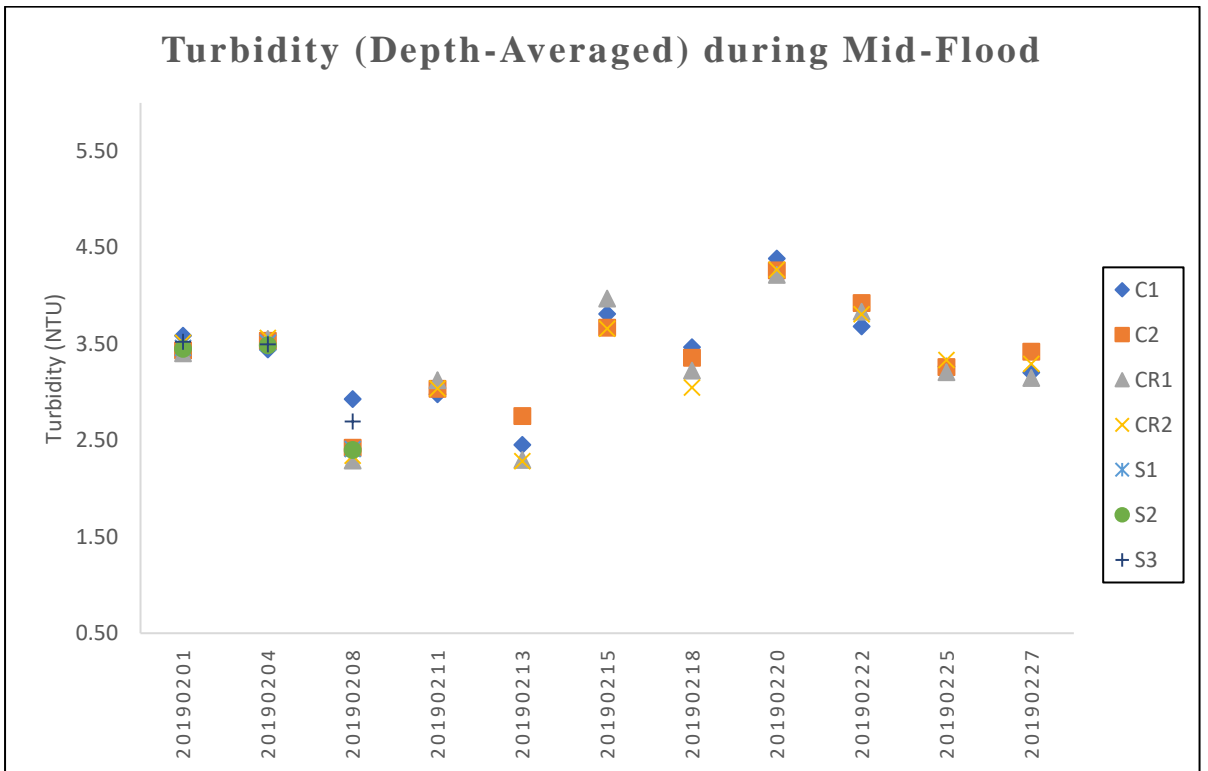
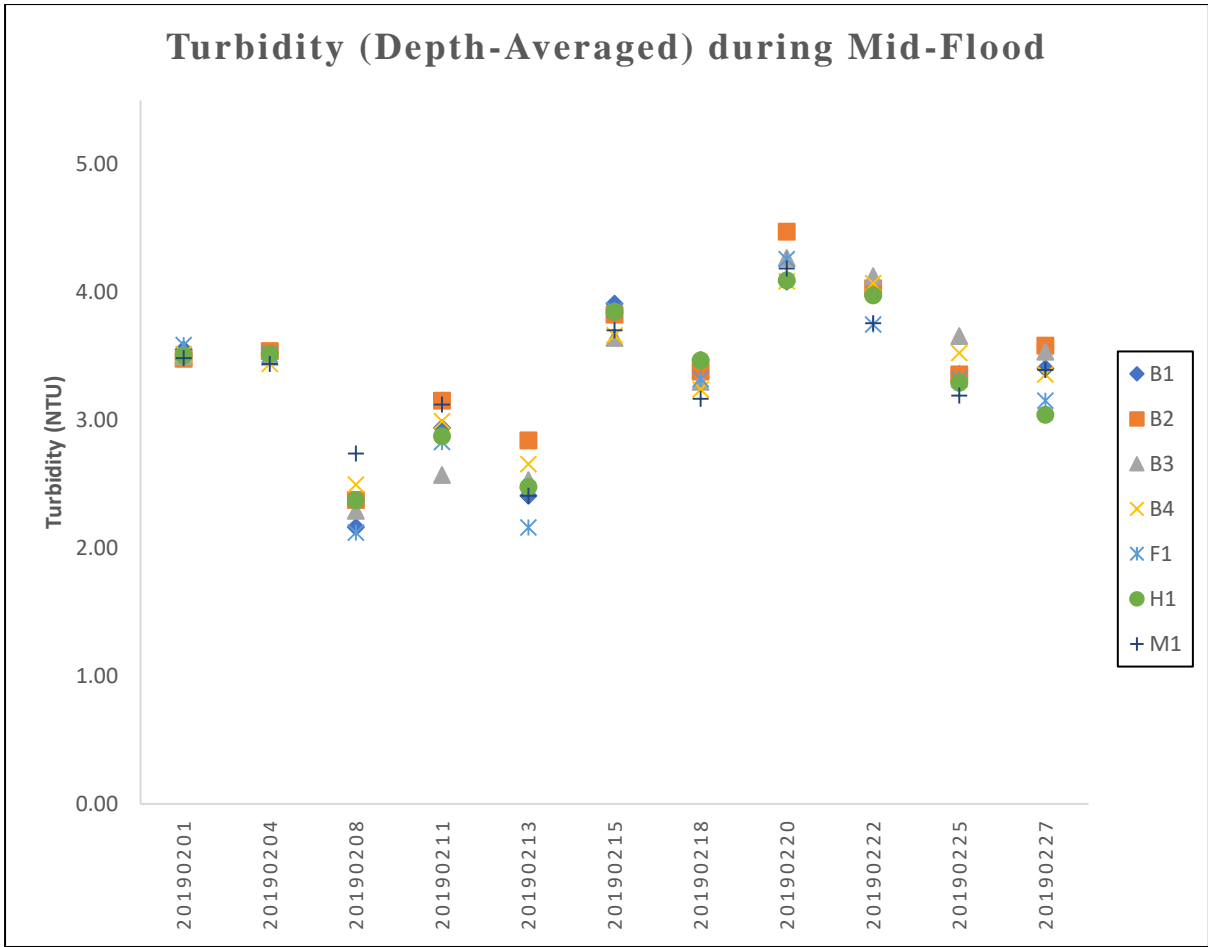
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

pH (Depth-Averaged) during Mid-Flood

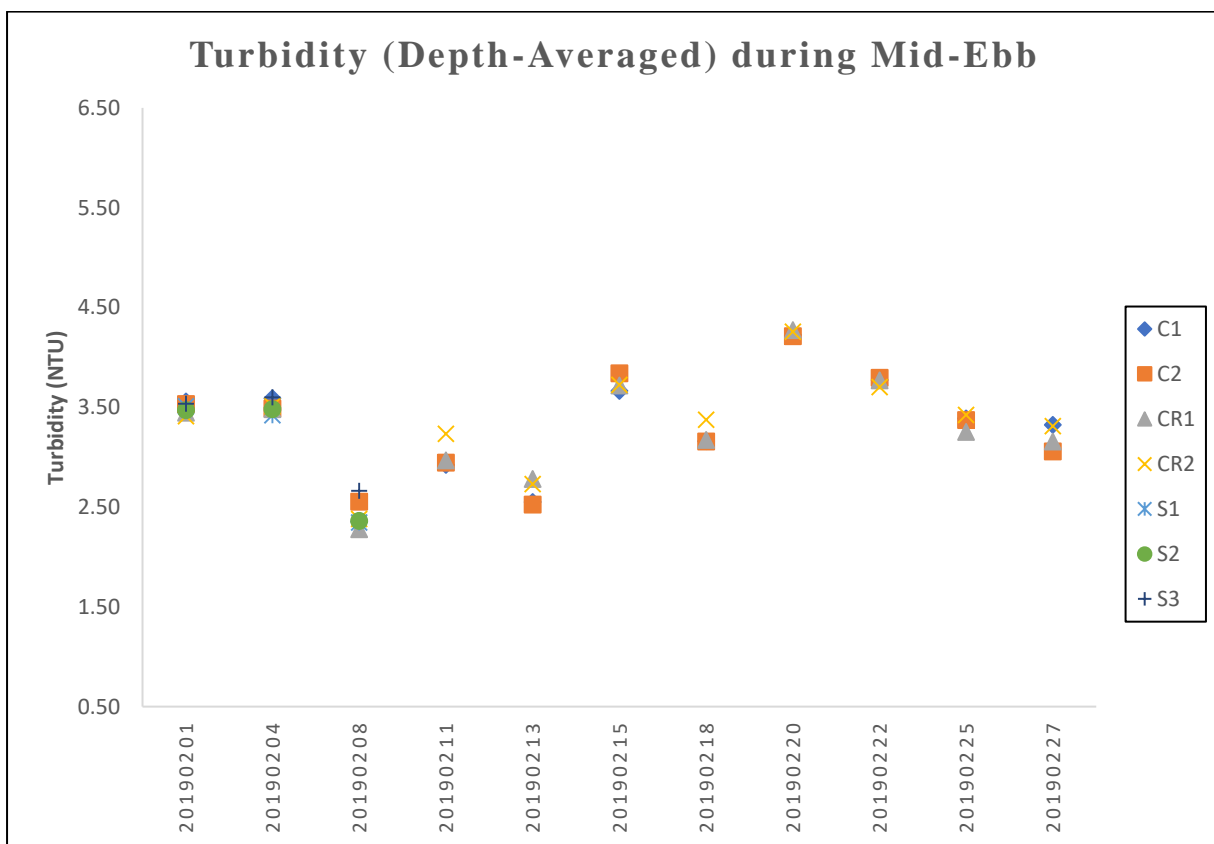
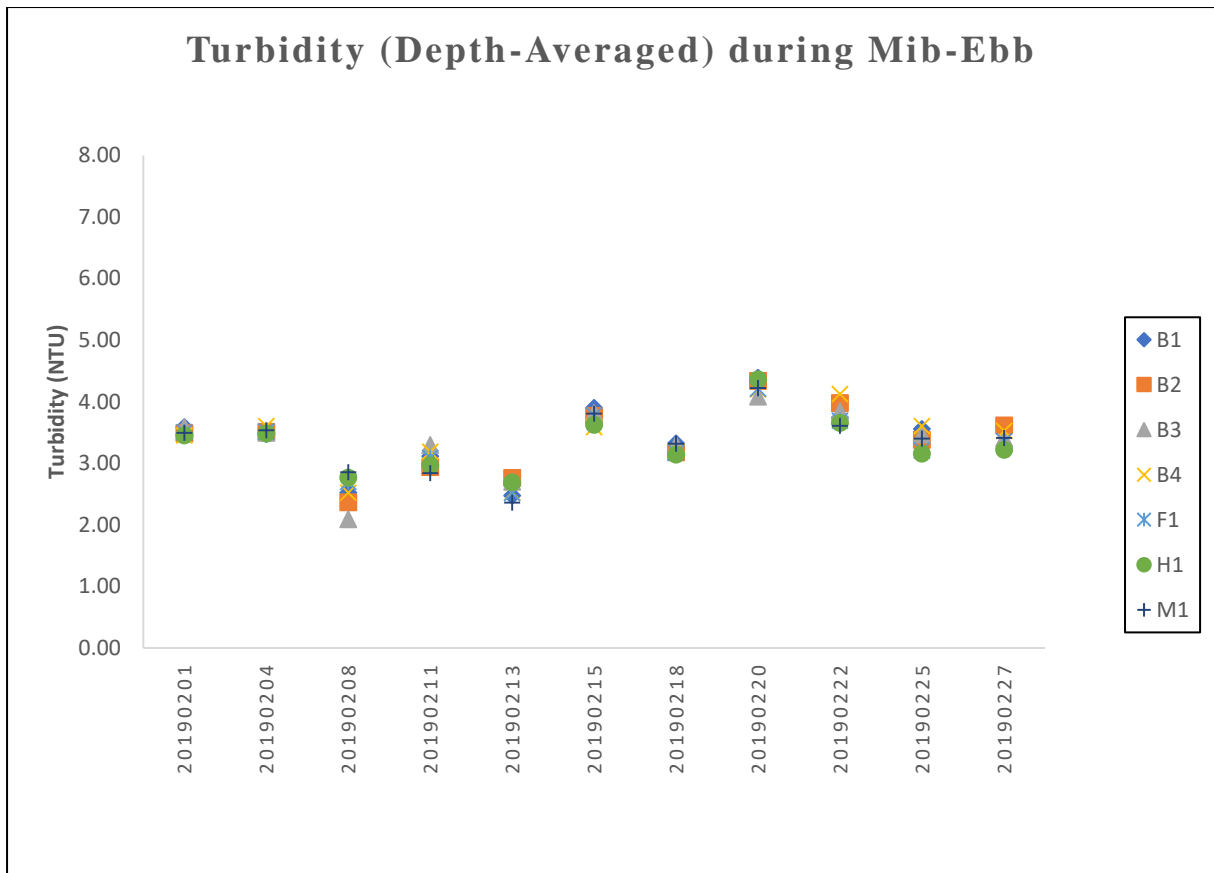


pH (Depth-Averaged) during Mid-Flood

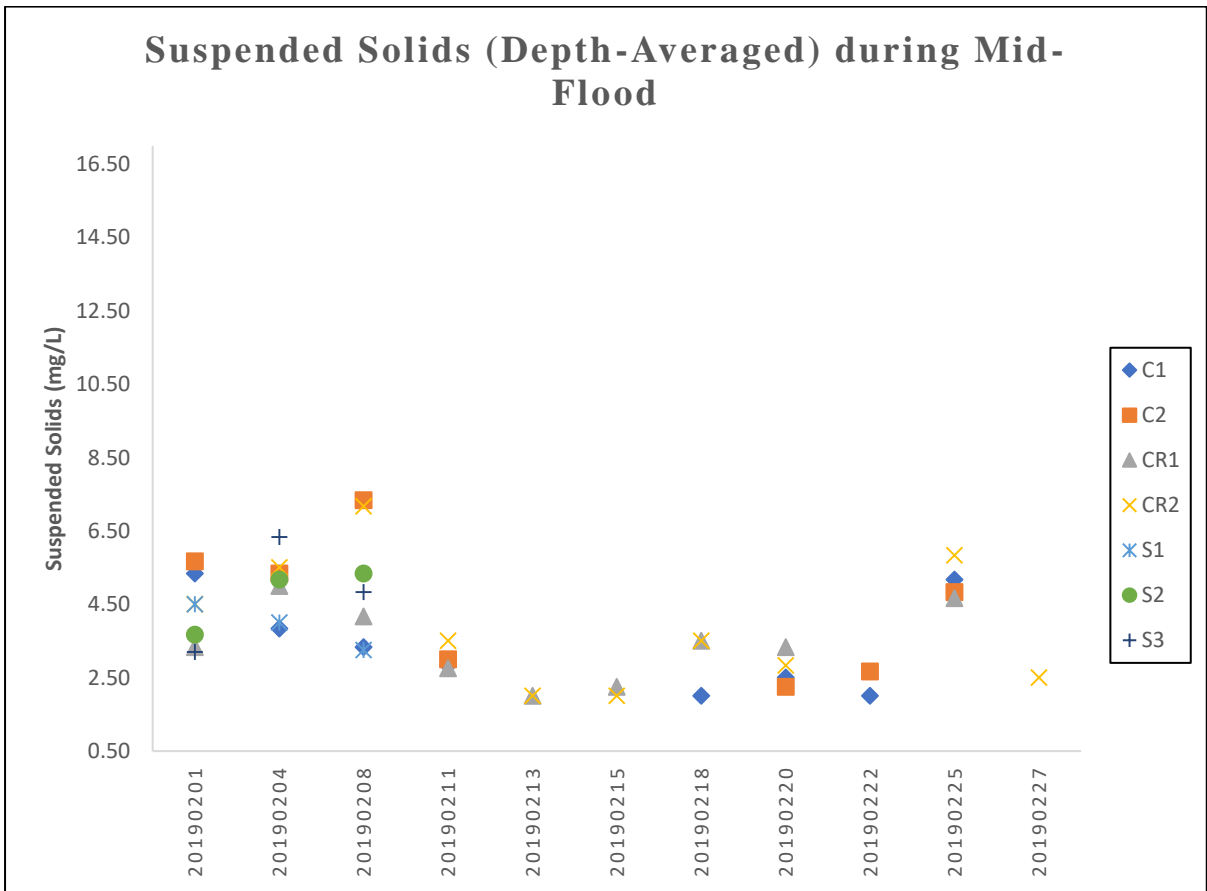
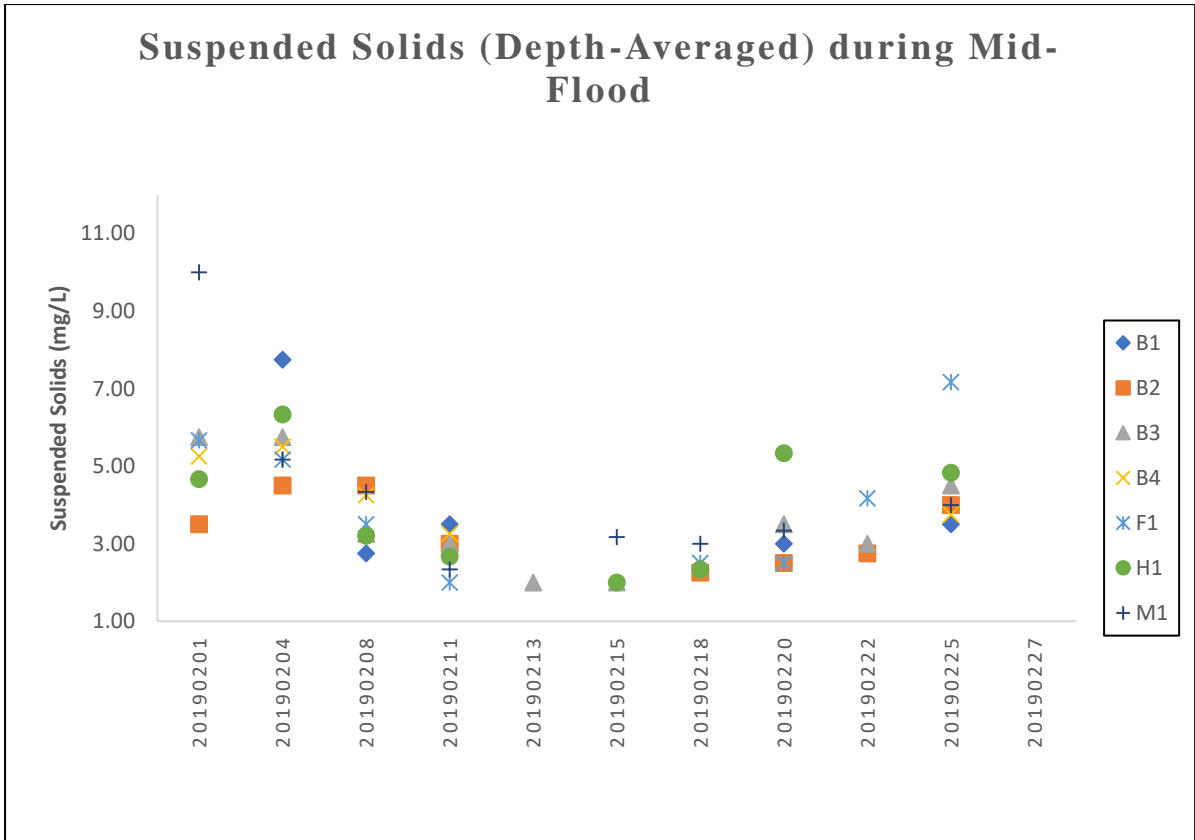




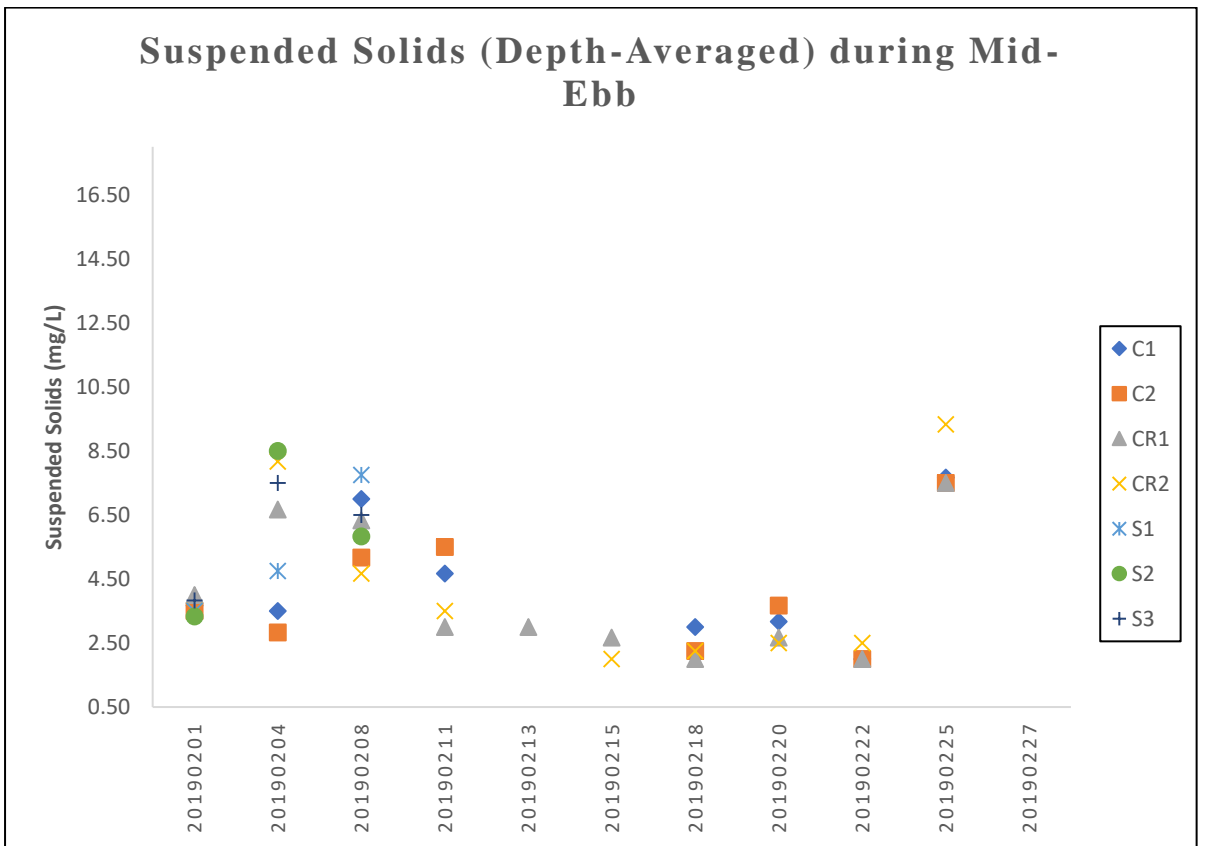
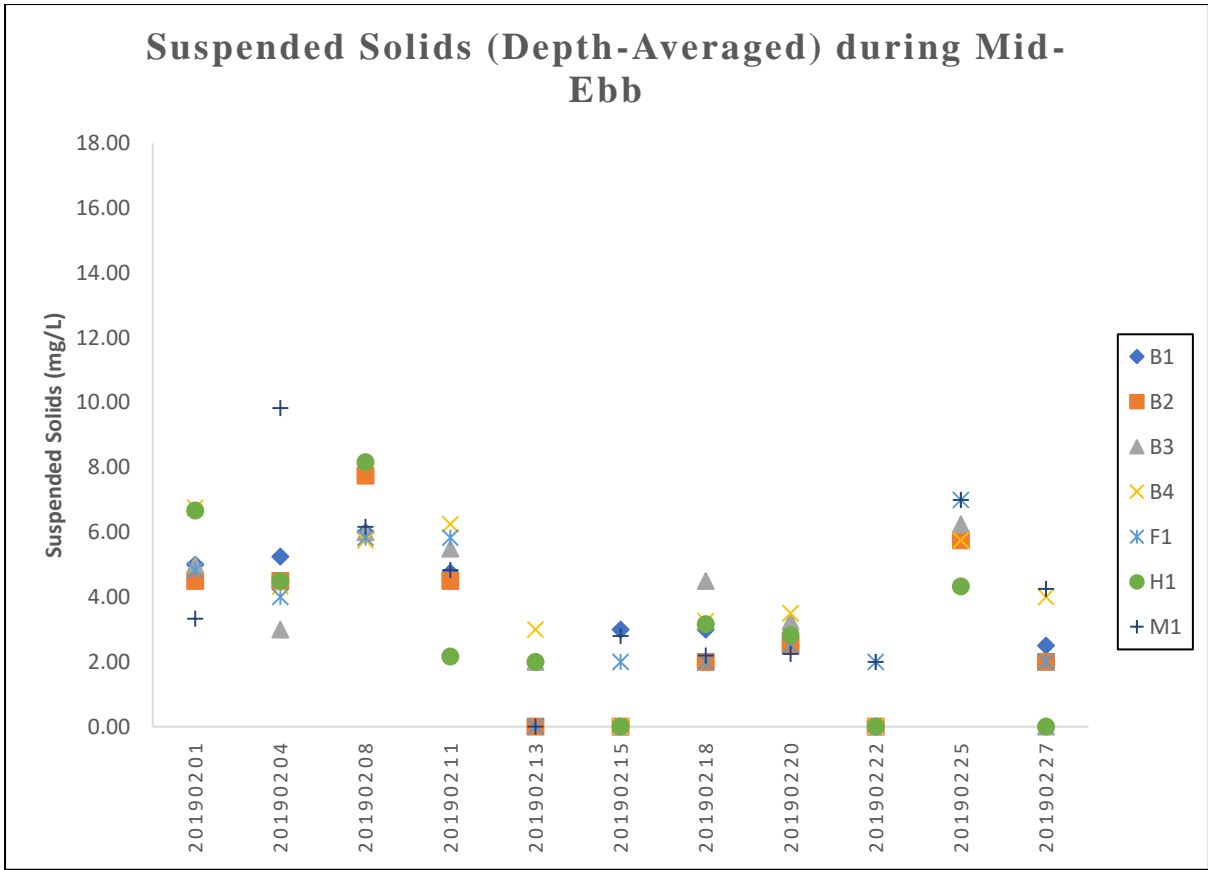
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



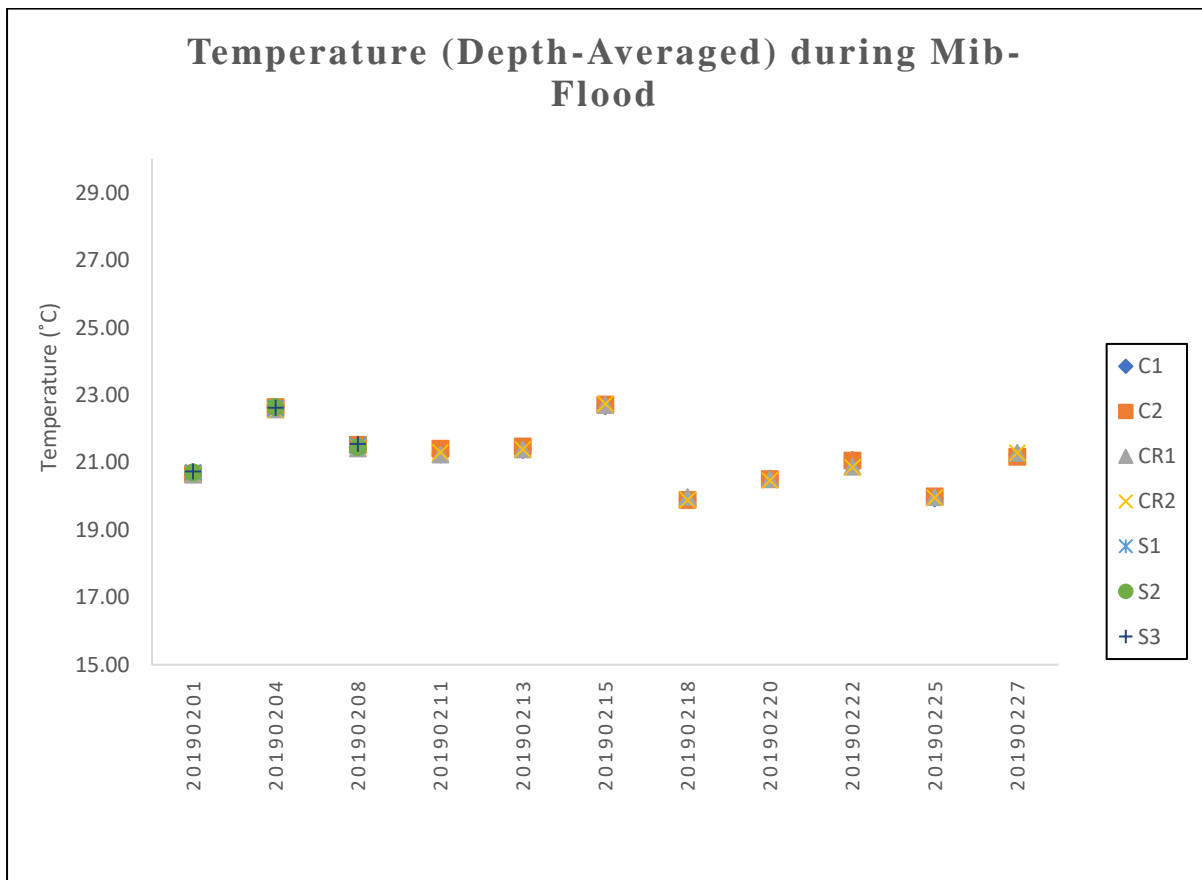
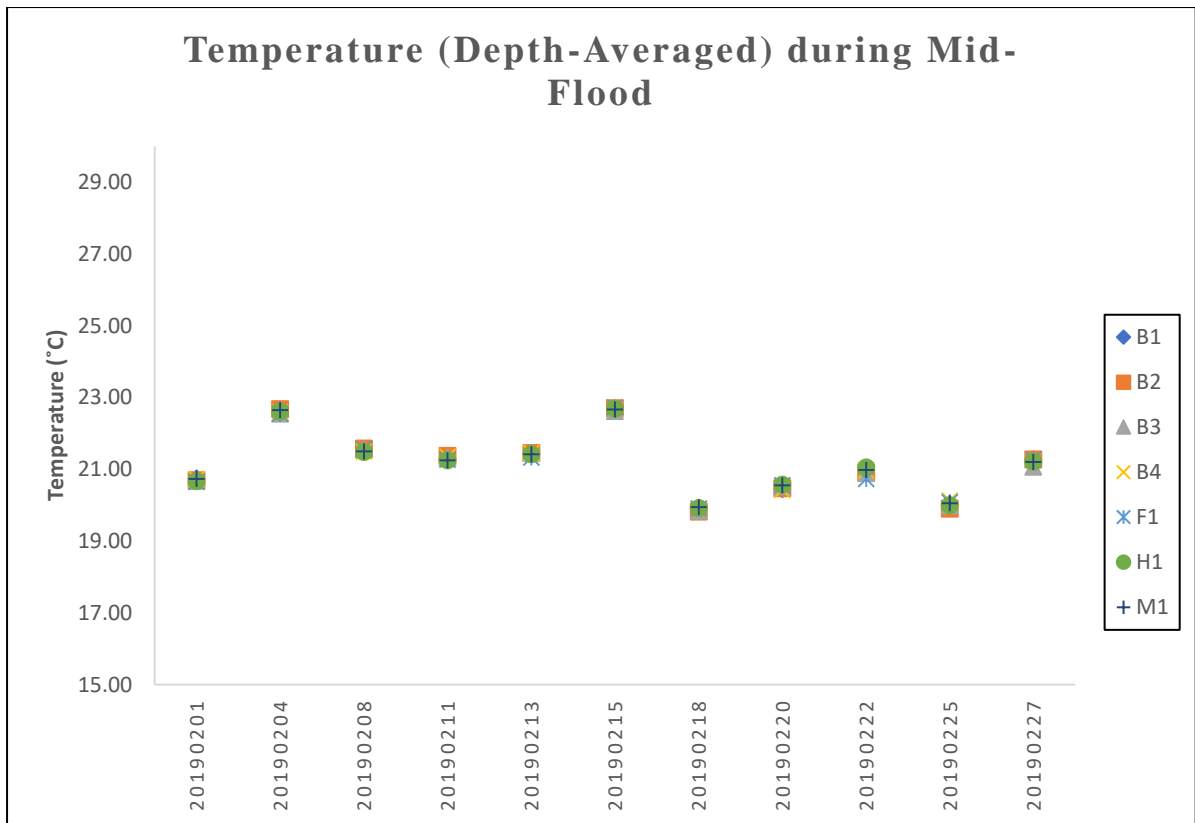
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



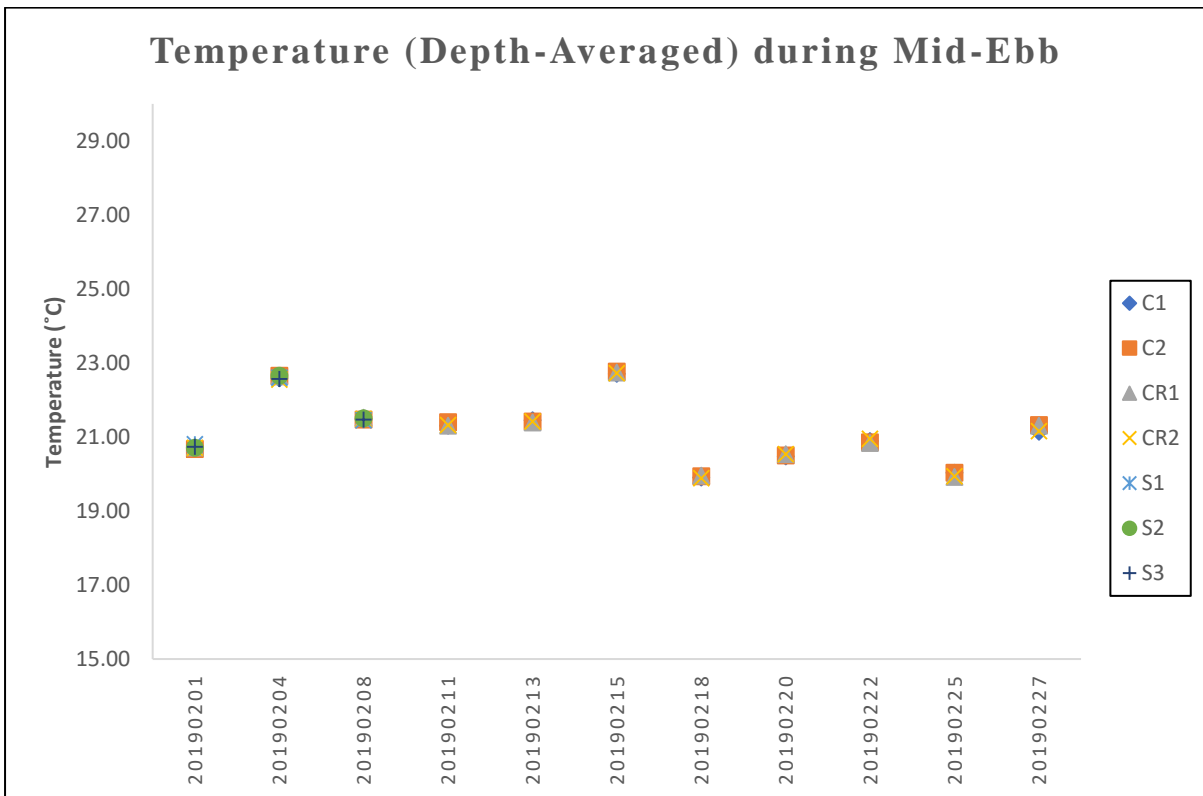
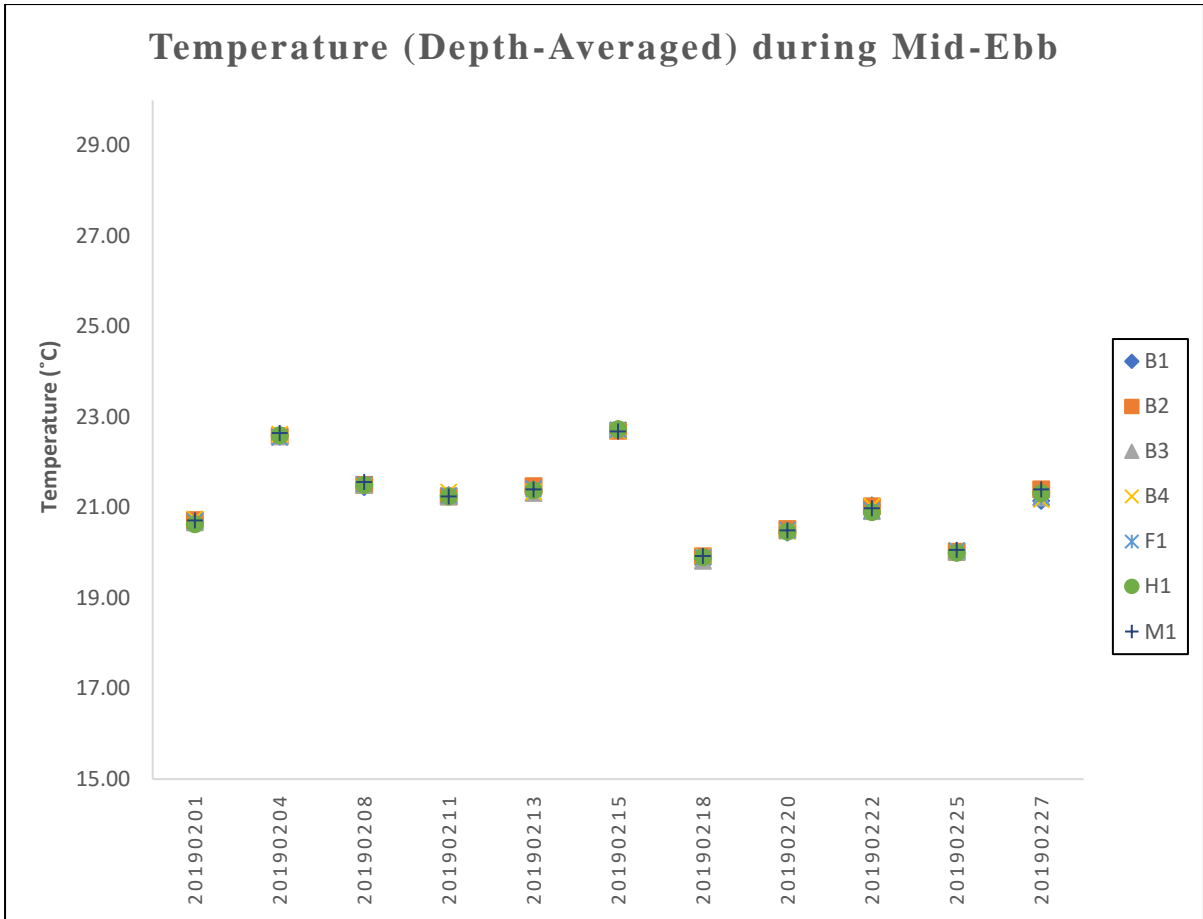
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



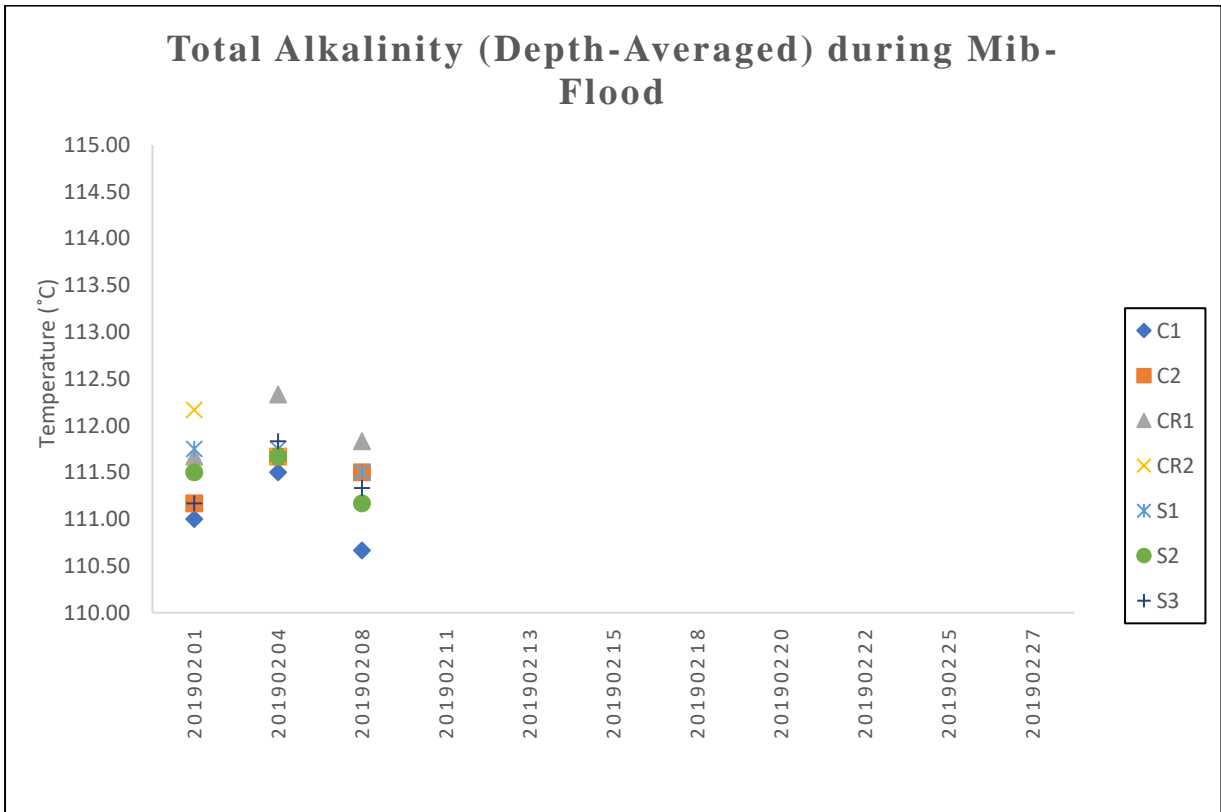
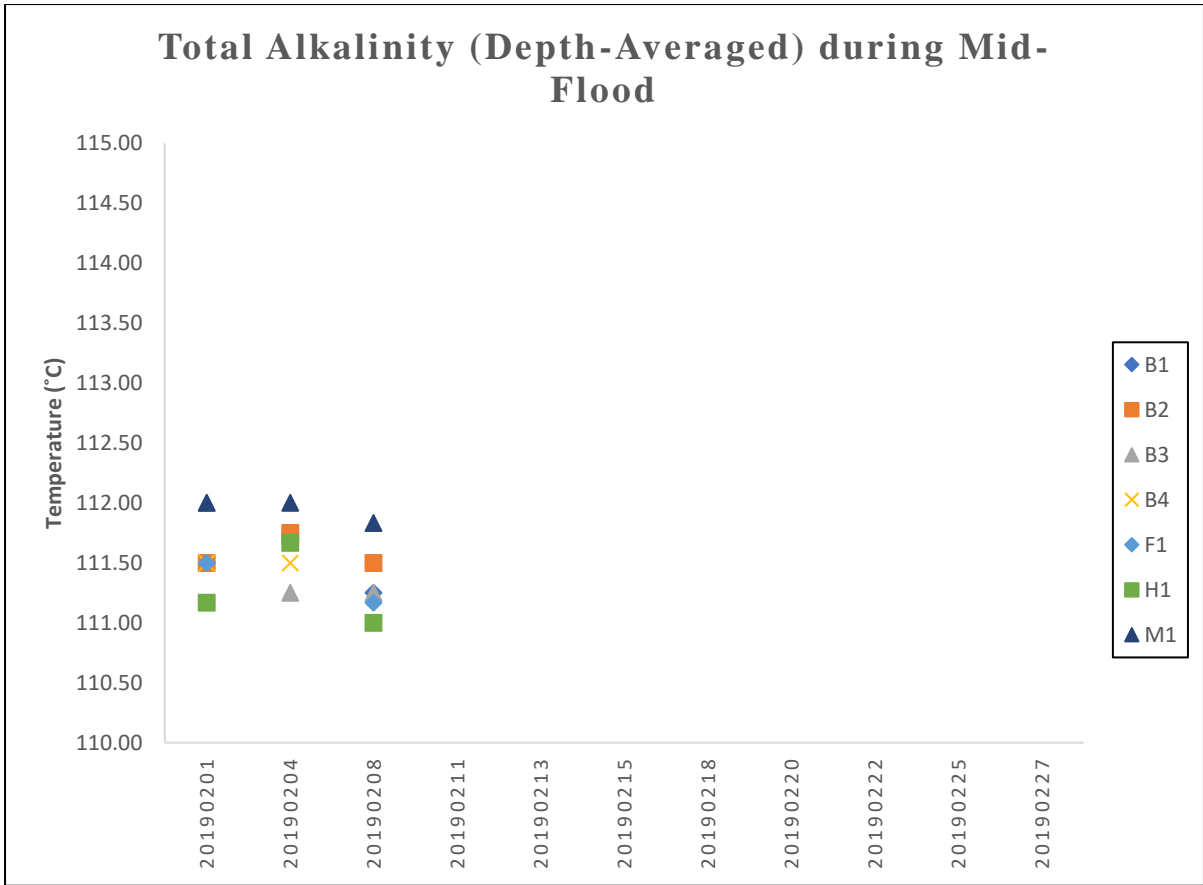
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



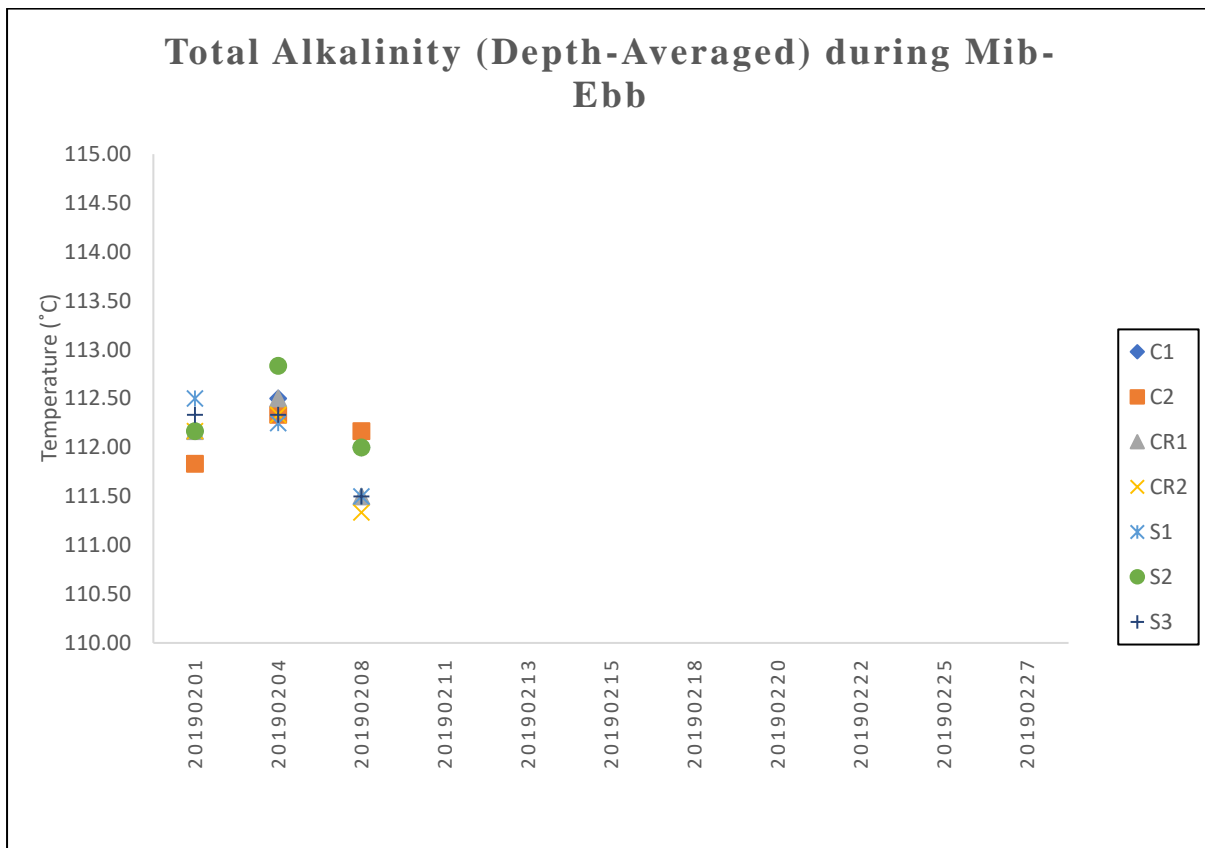
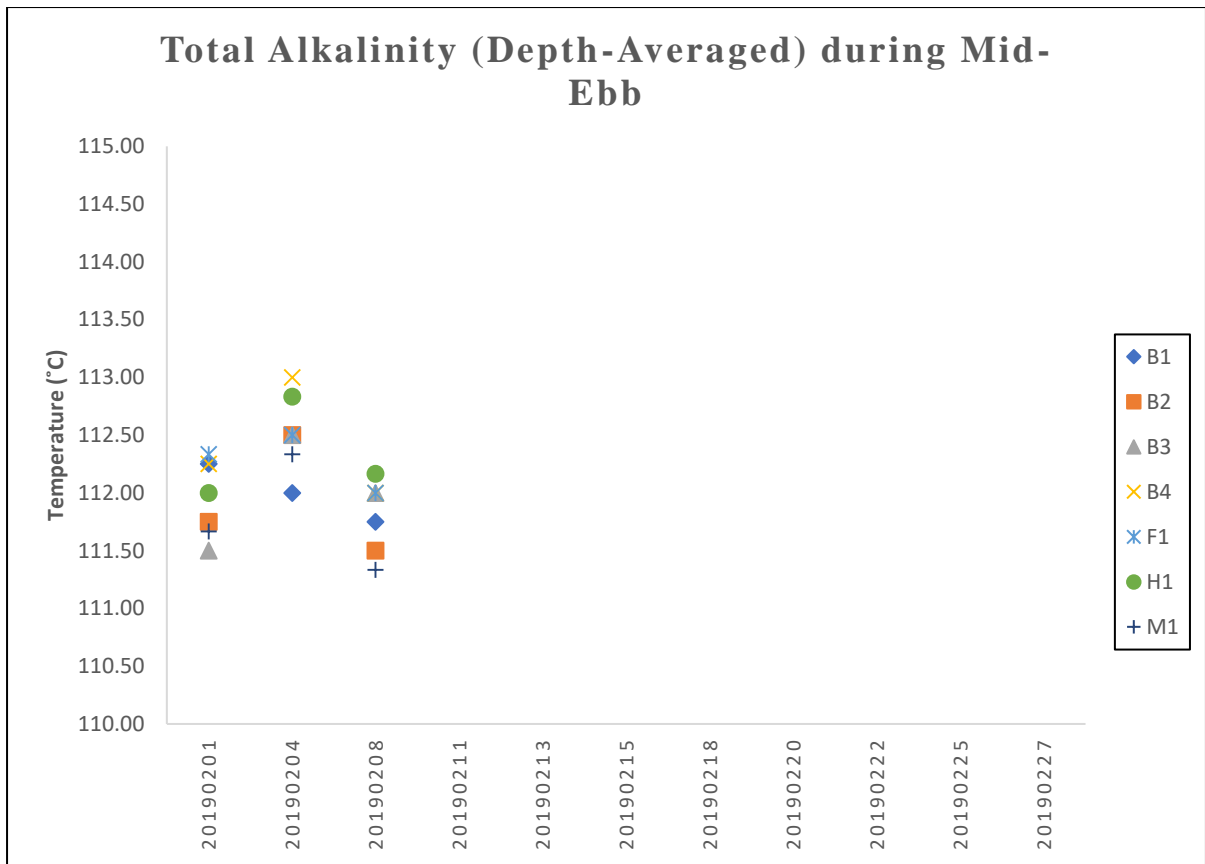
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



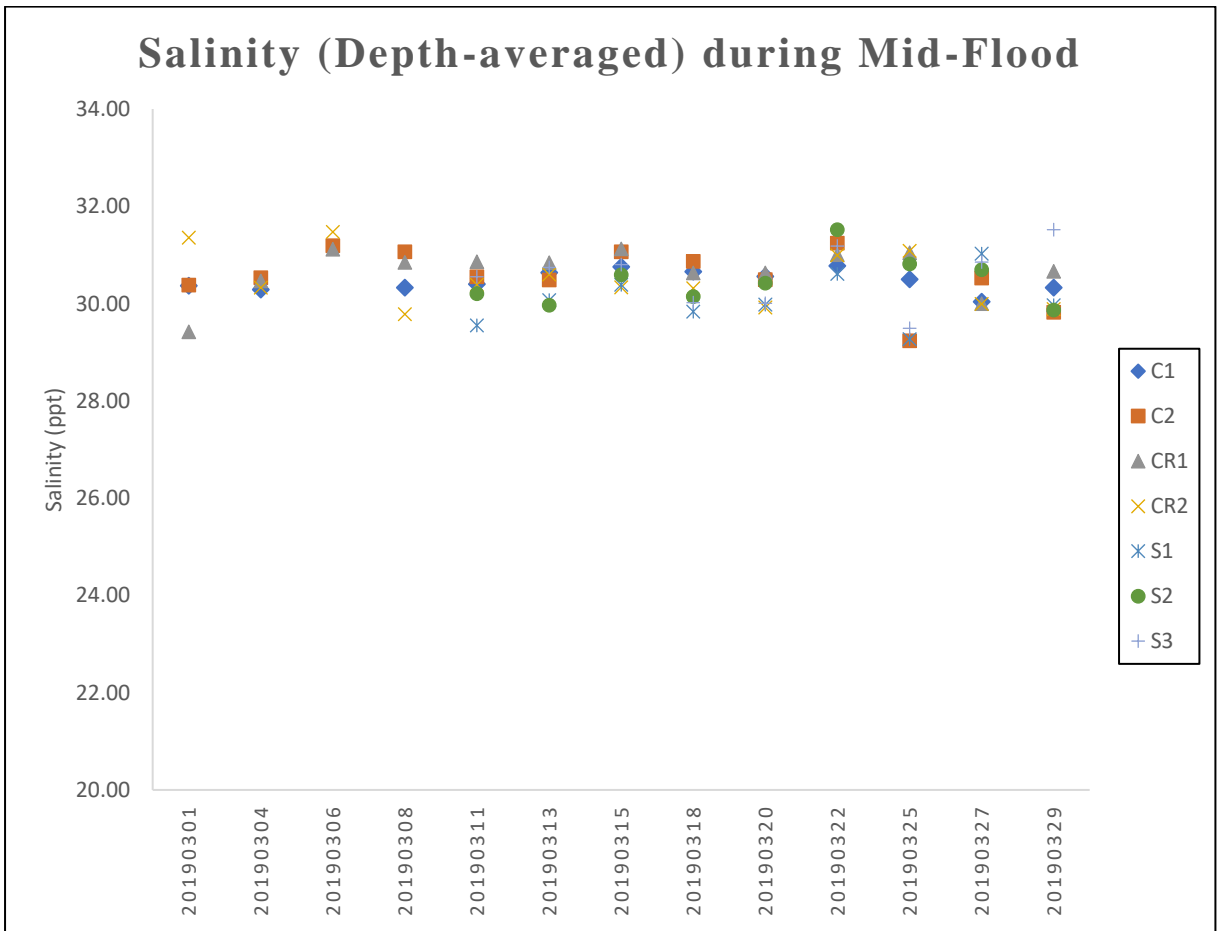
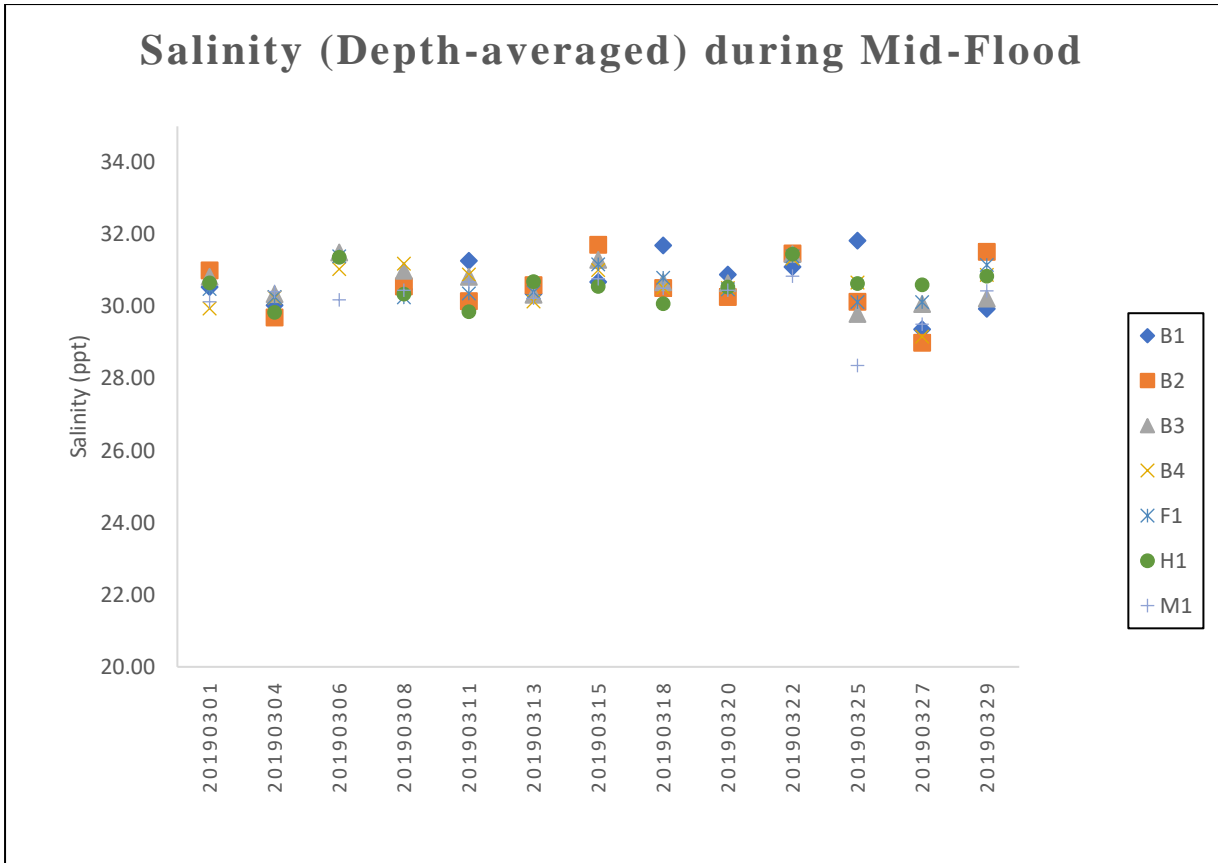
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



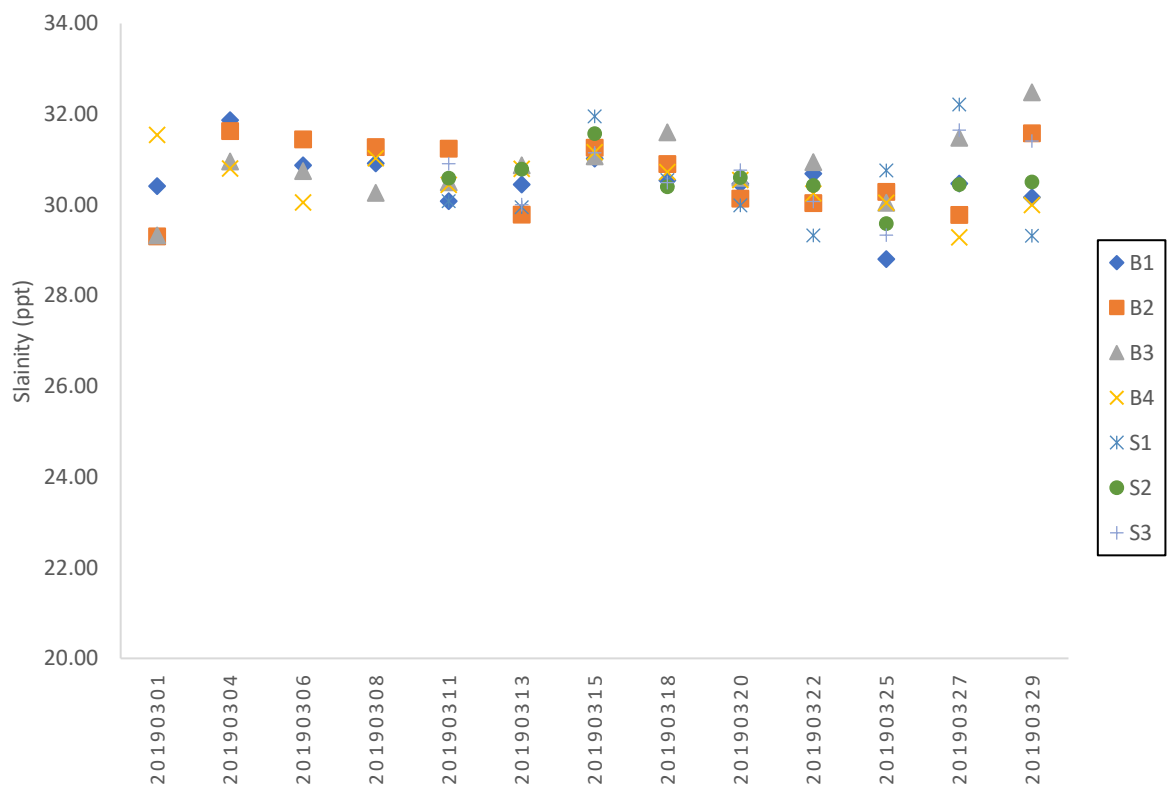
Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.



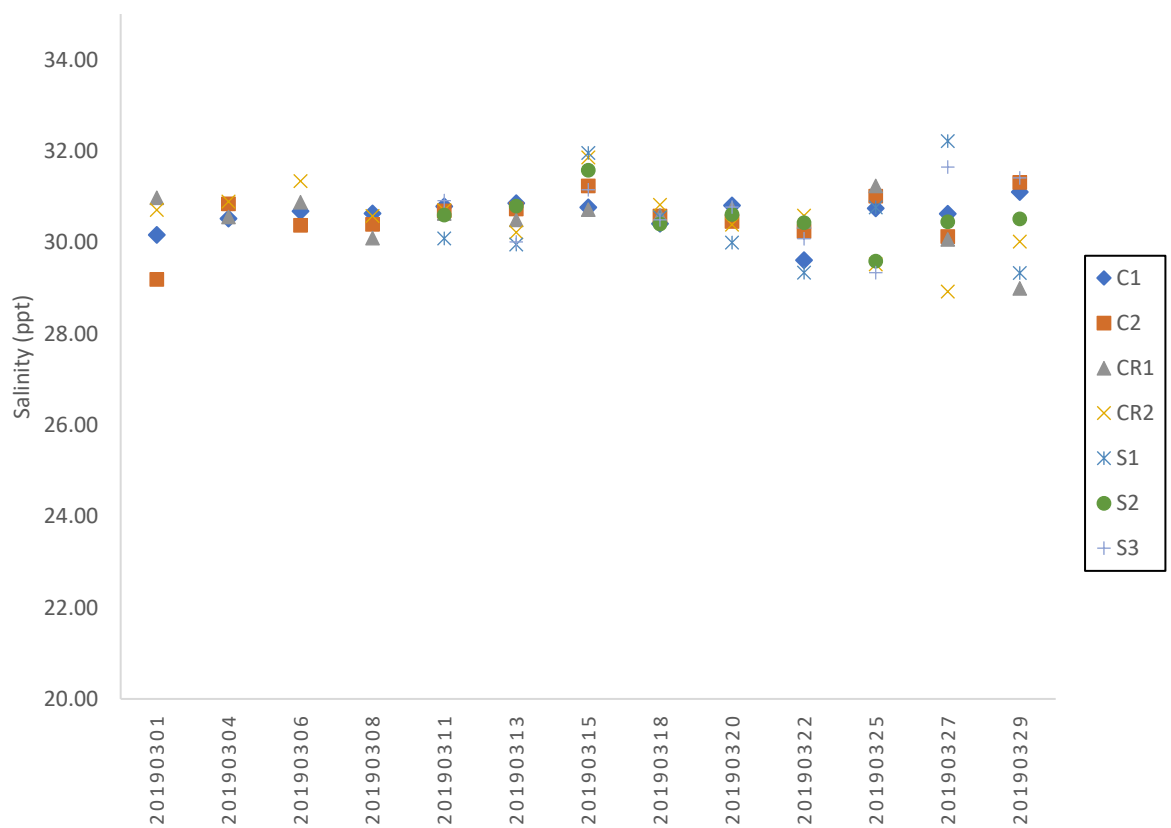
Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

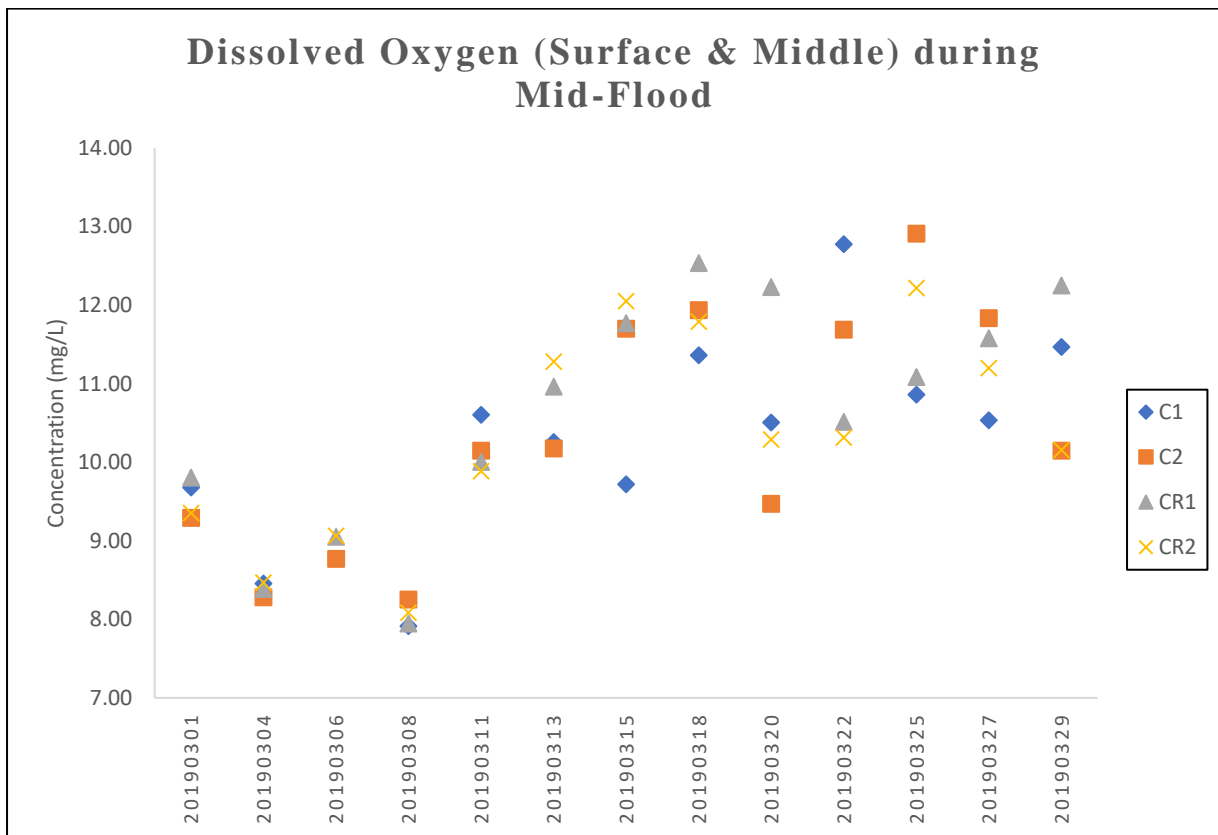
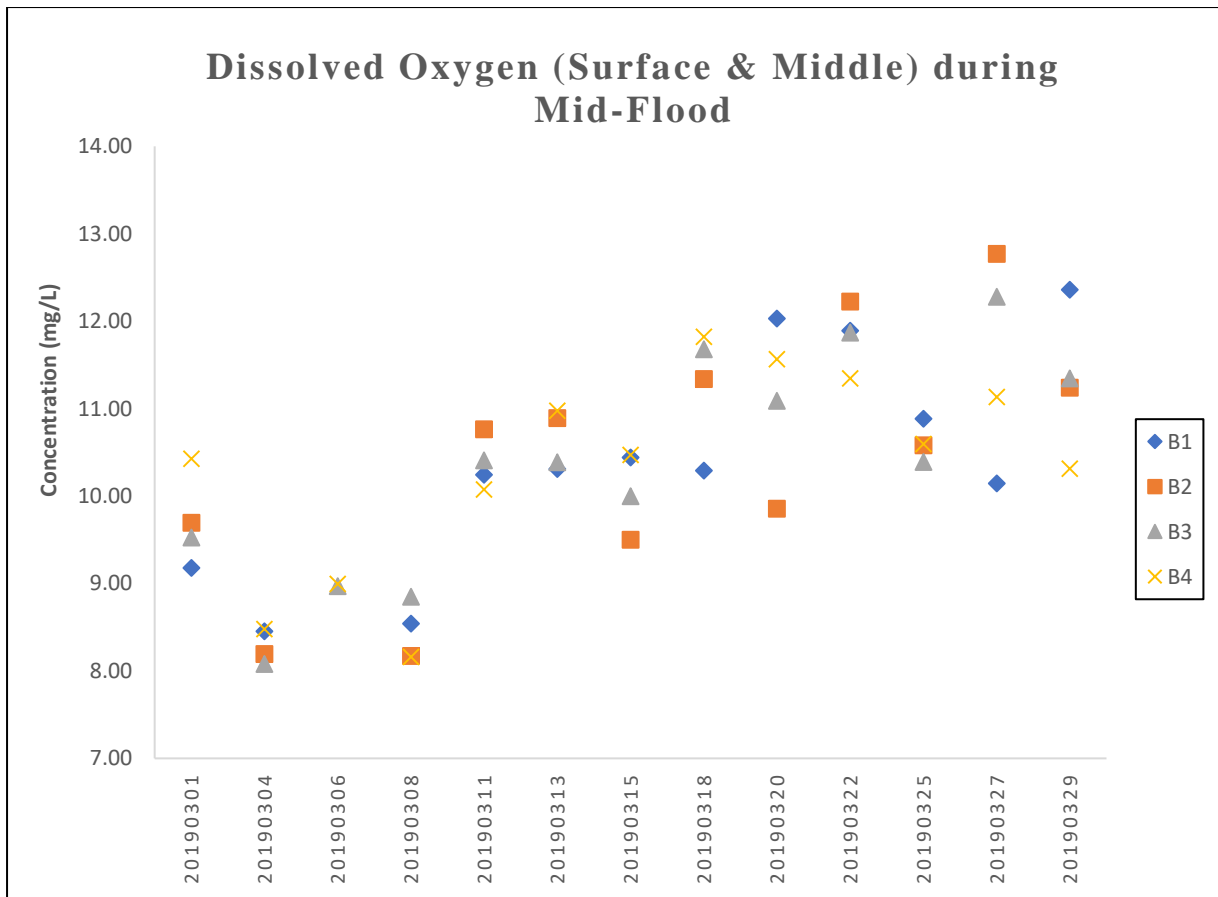


Salinity (Depth-averaged) during Mid-Ebb

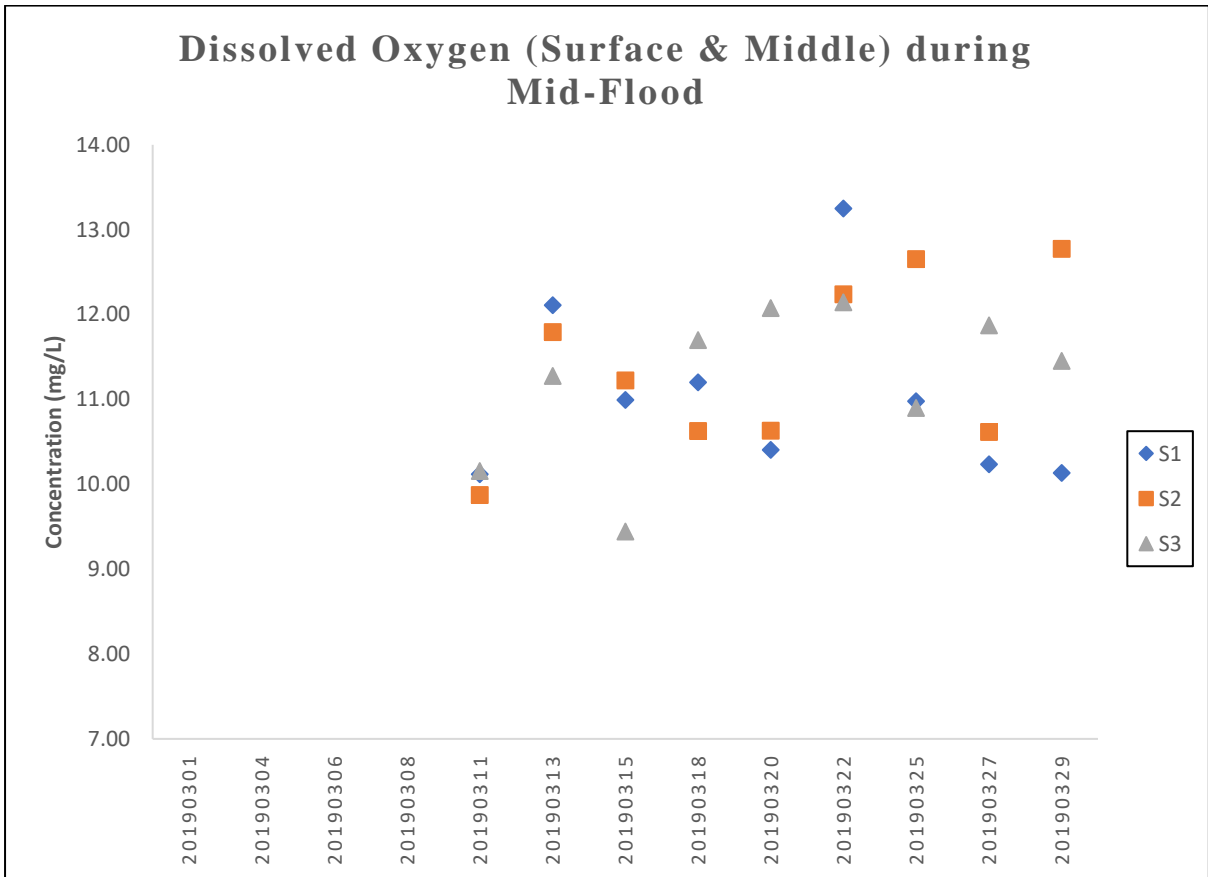
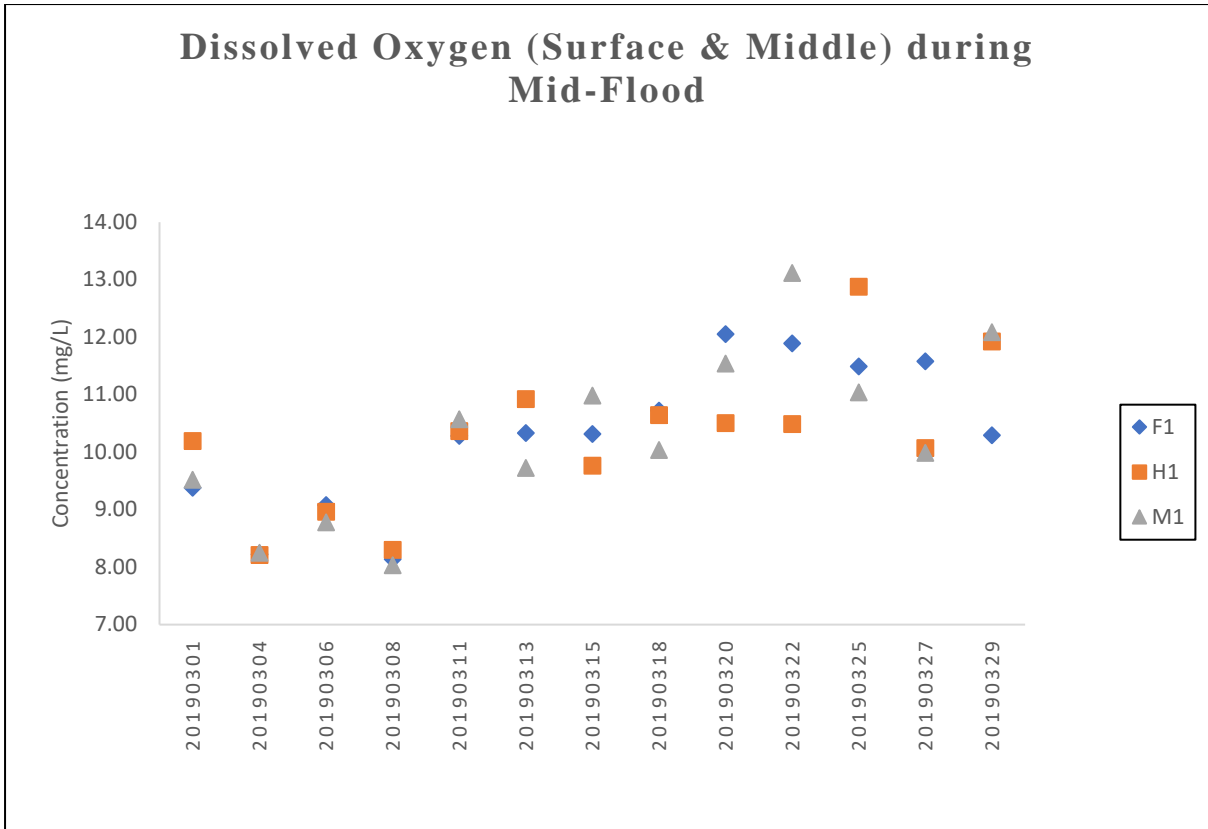


Salinity (Depth-averaged) during Mid-Ebb

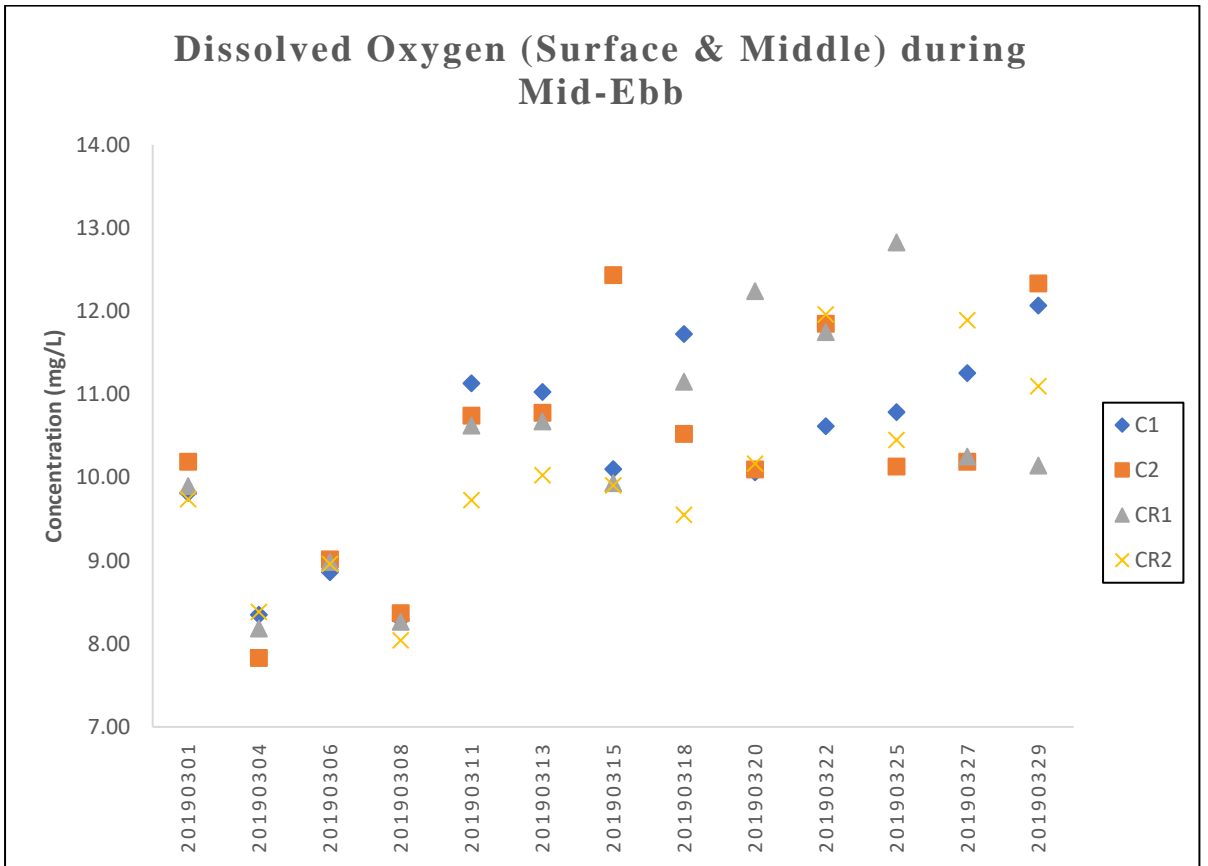
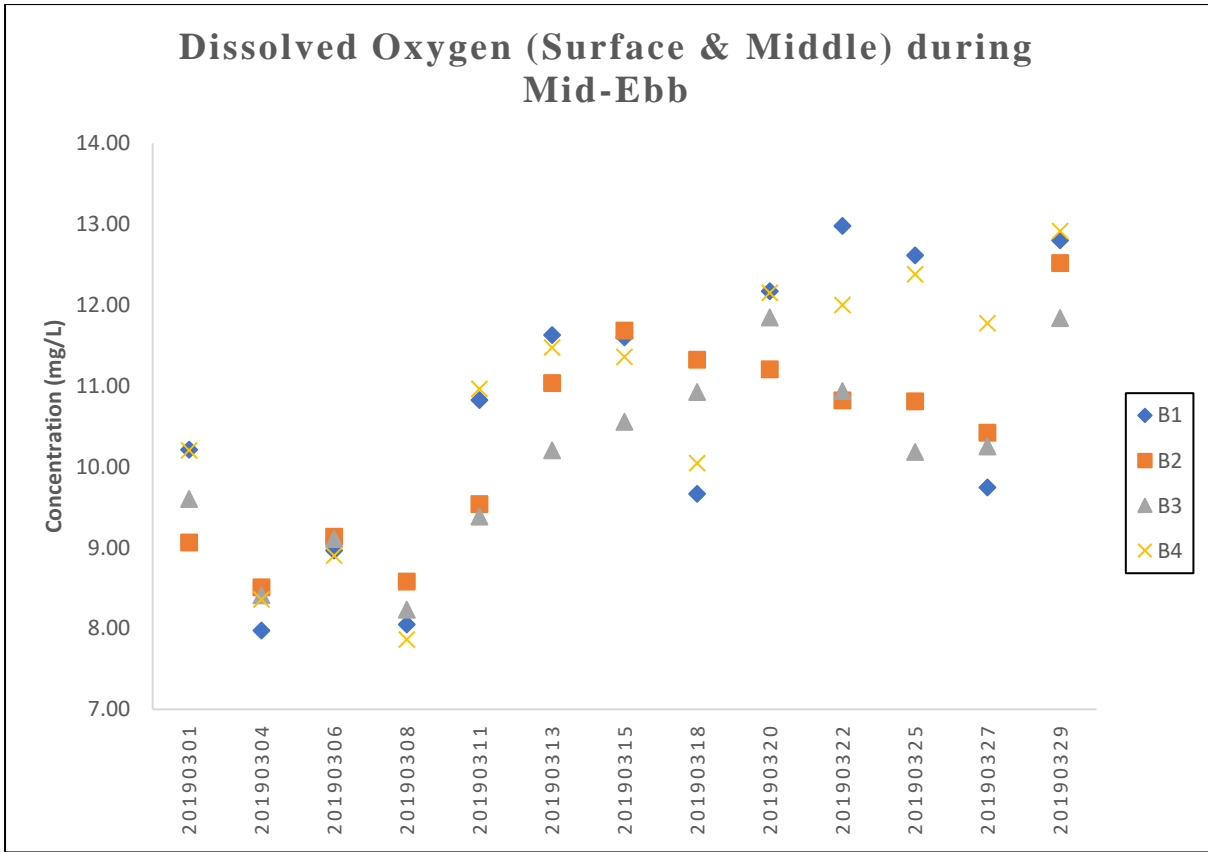




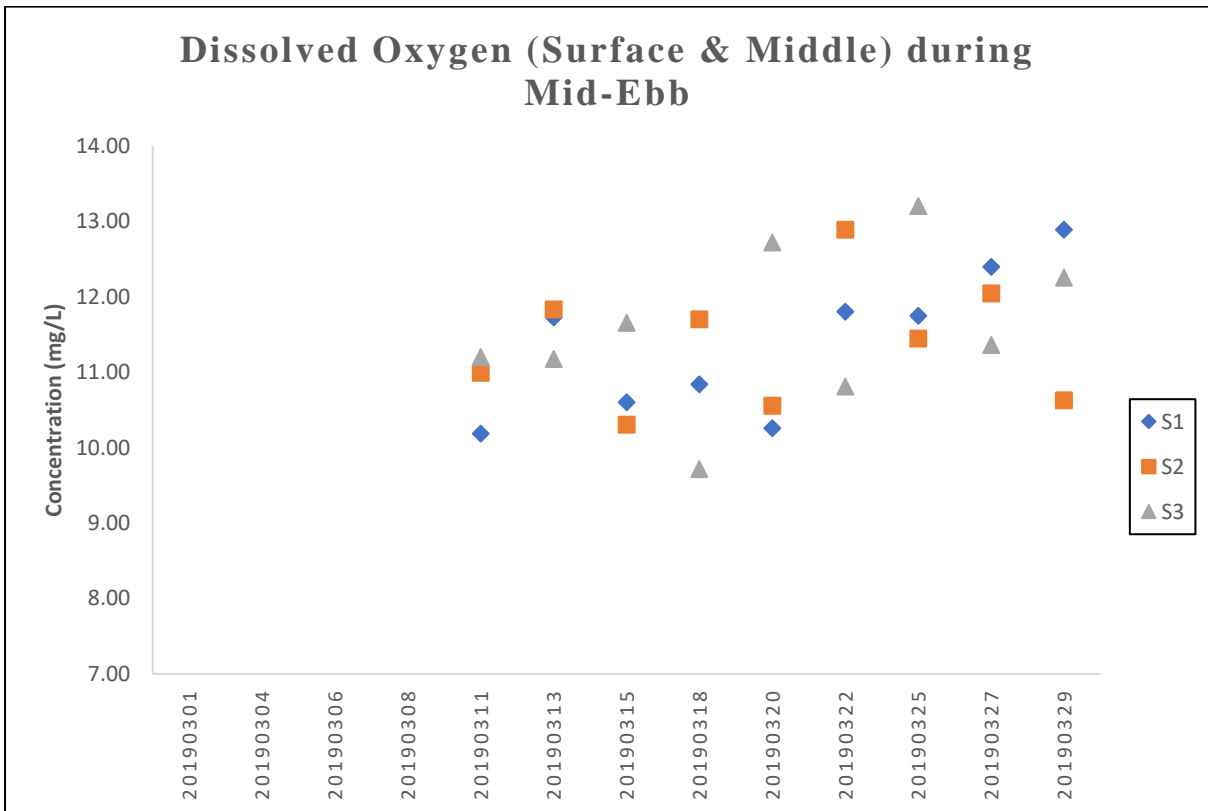
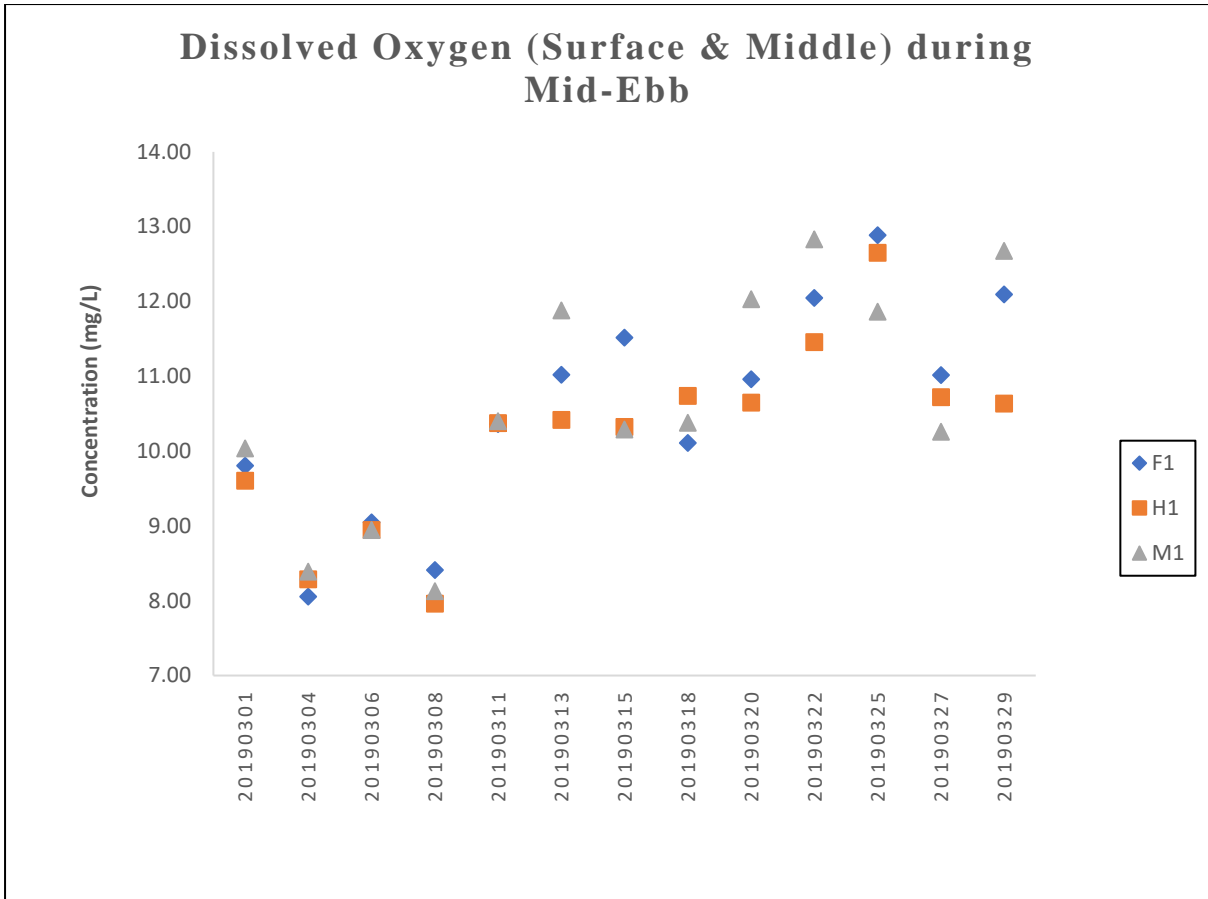
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



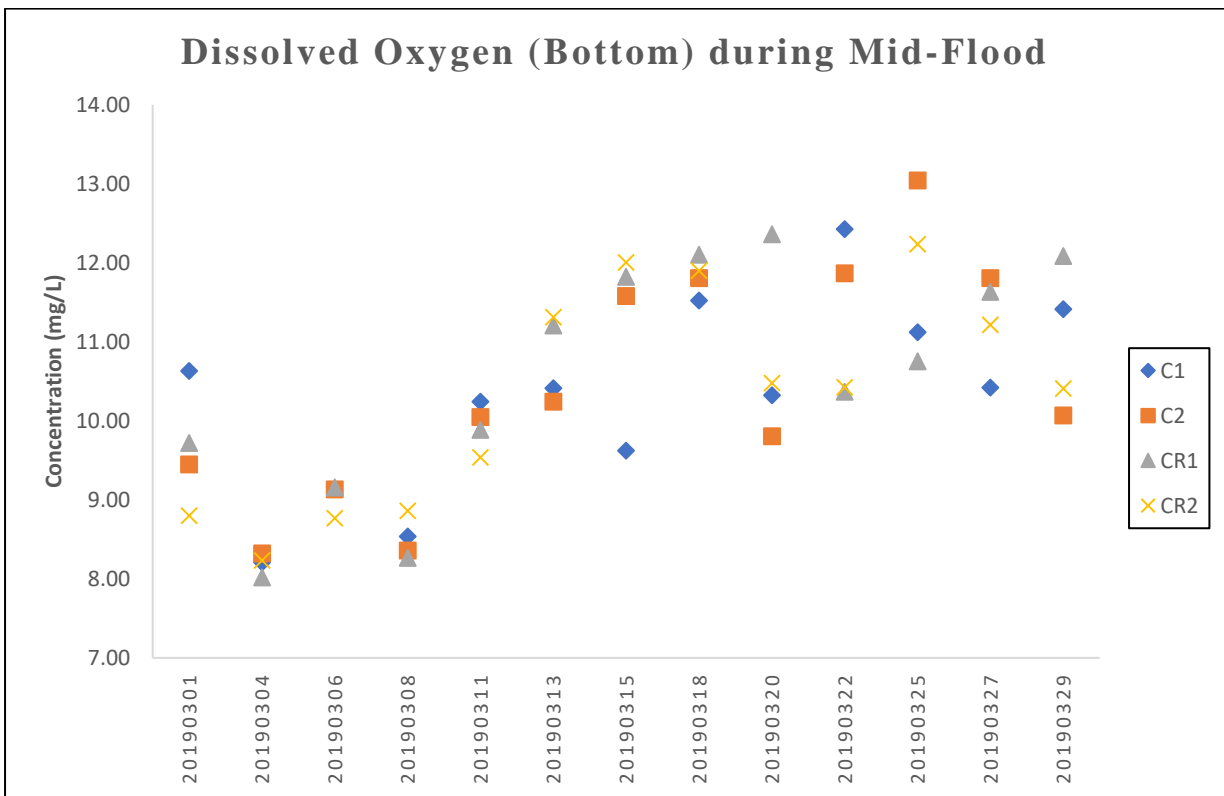
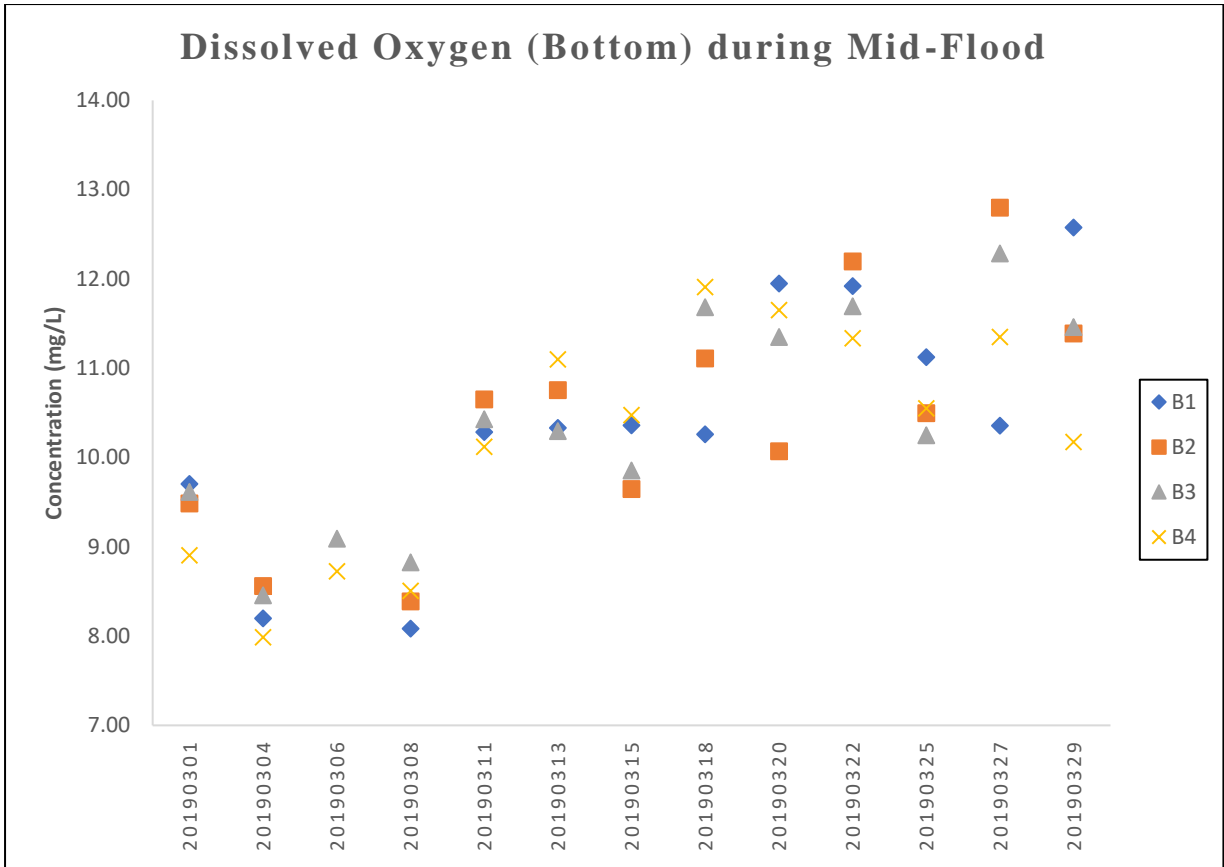
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



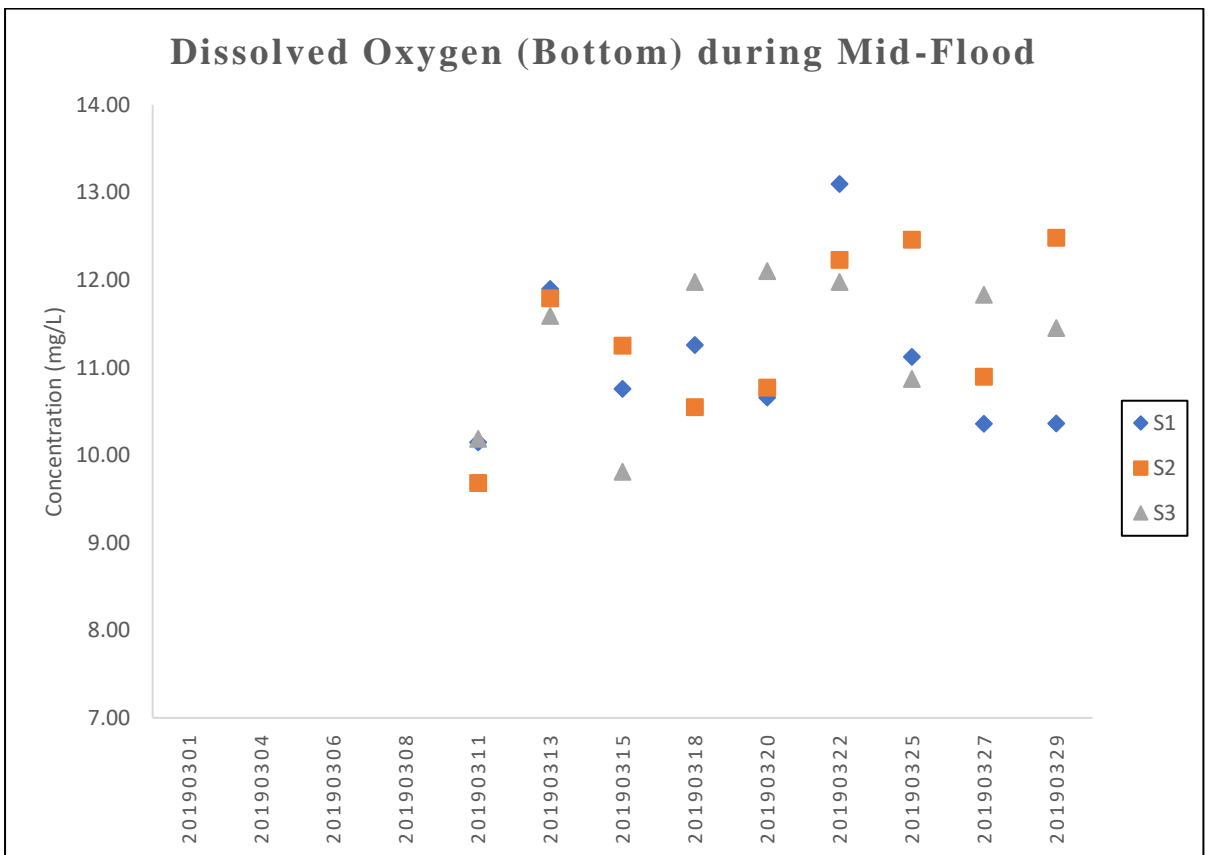
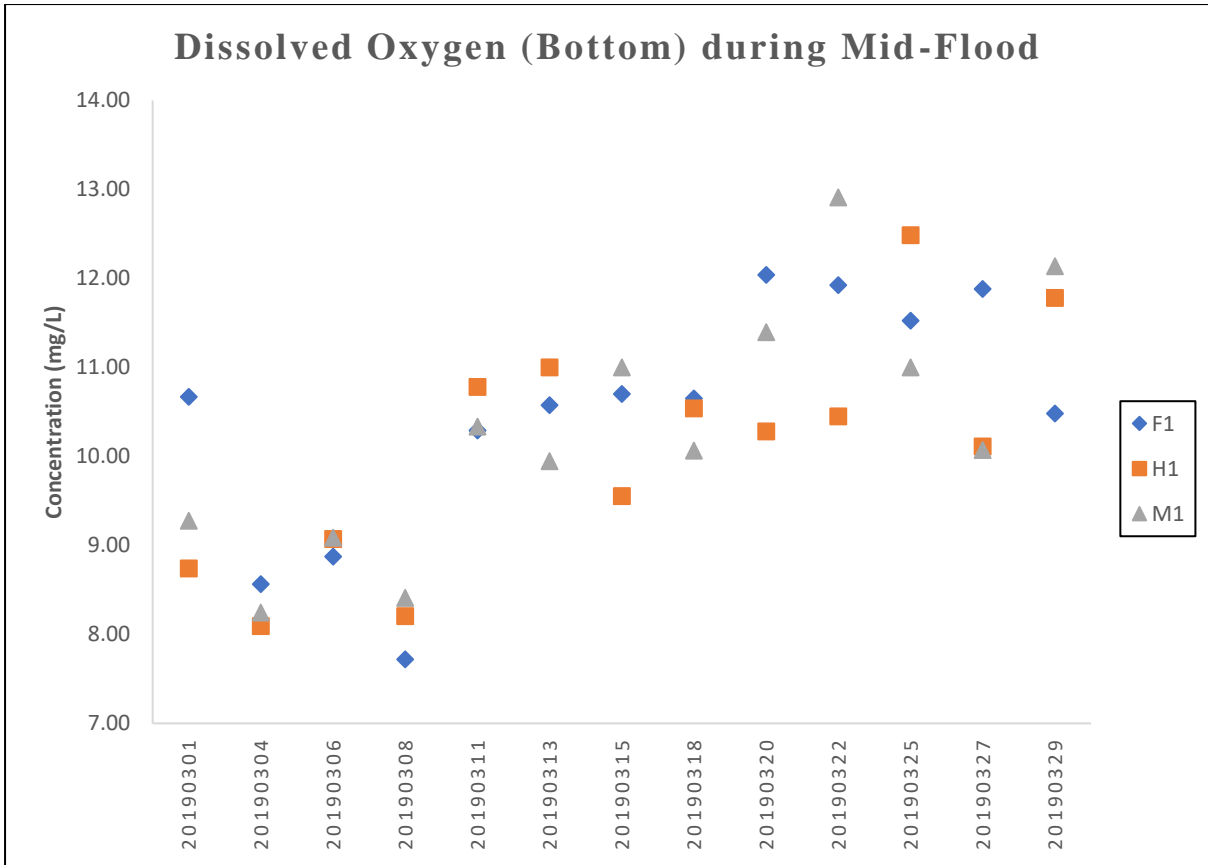
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



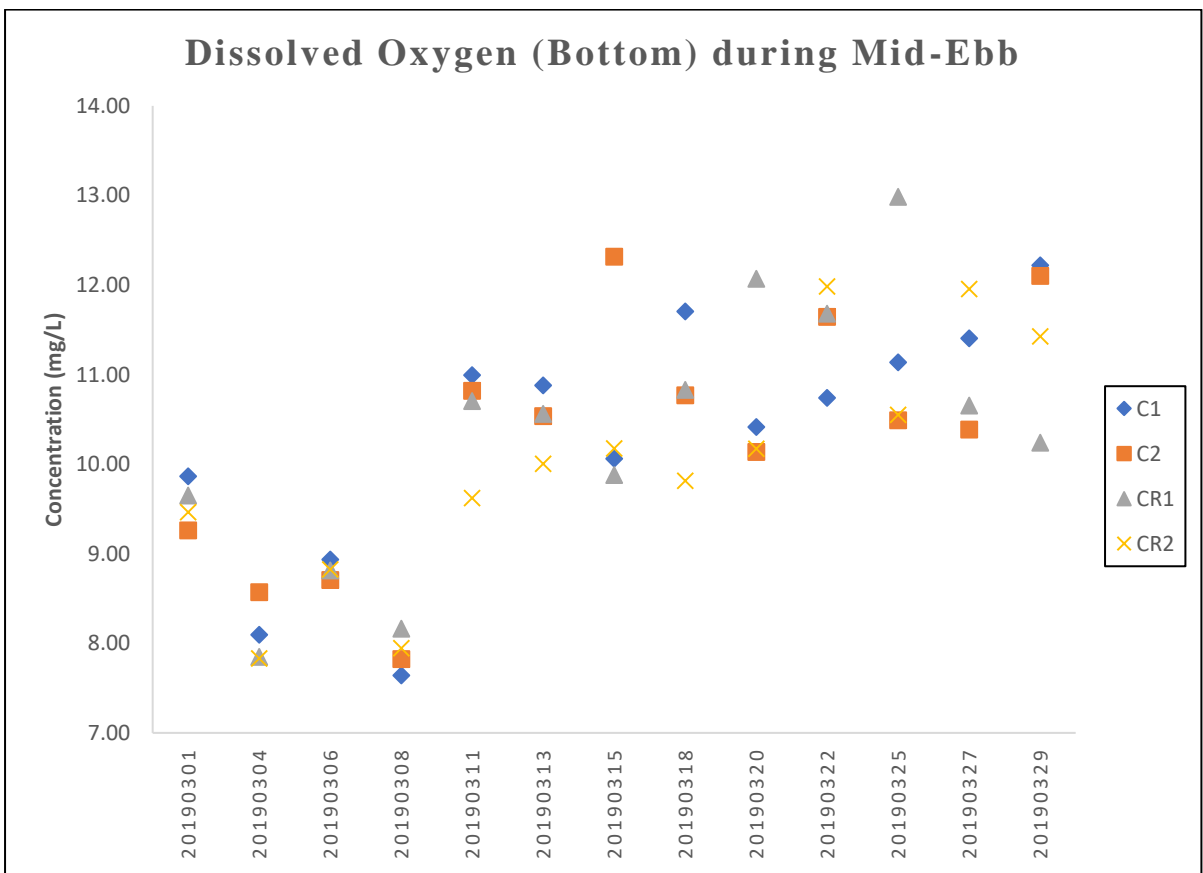
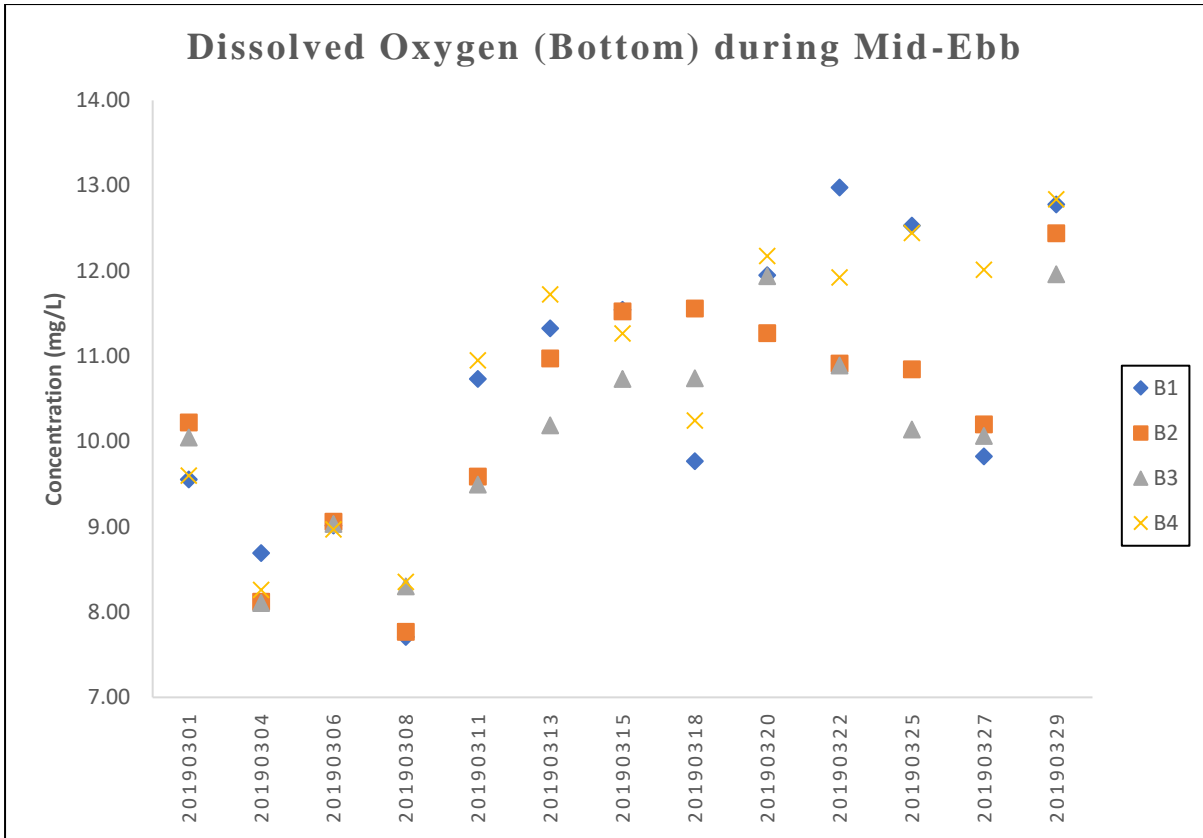
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



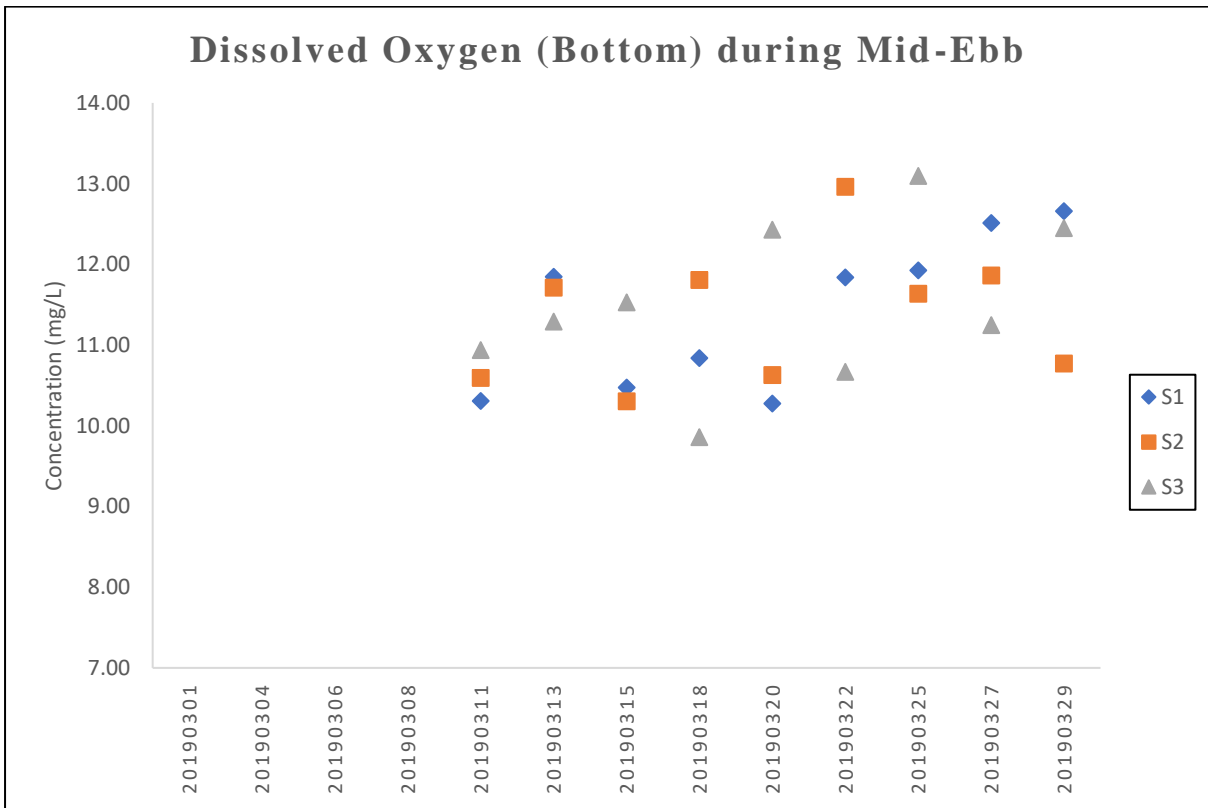
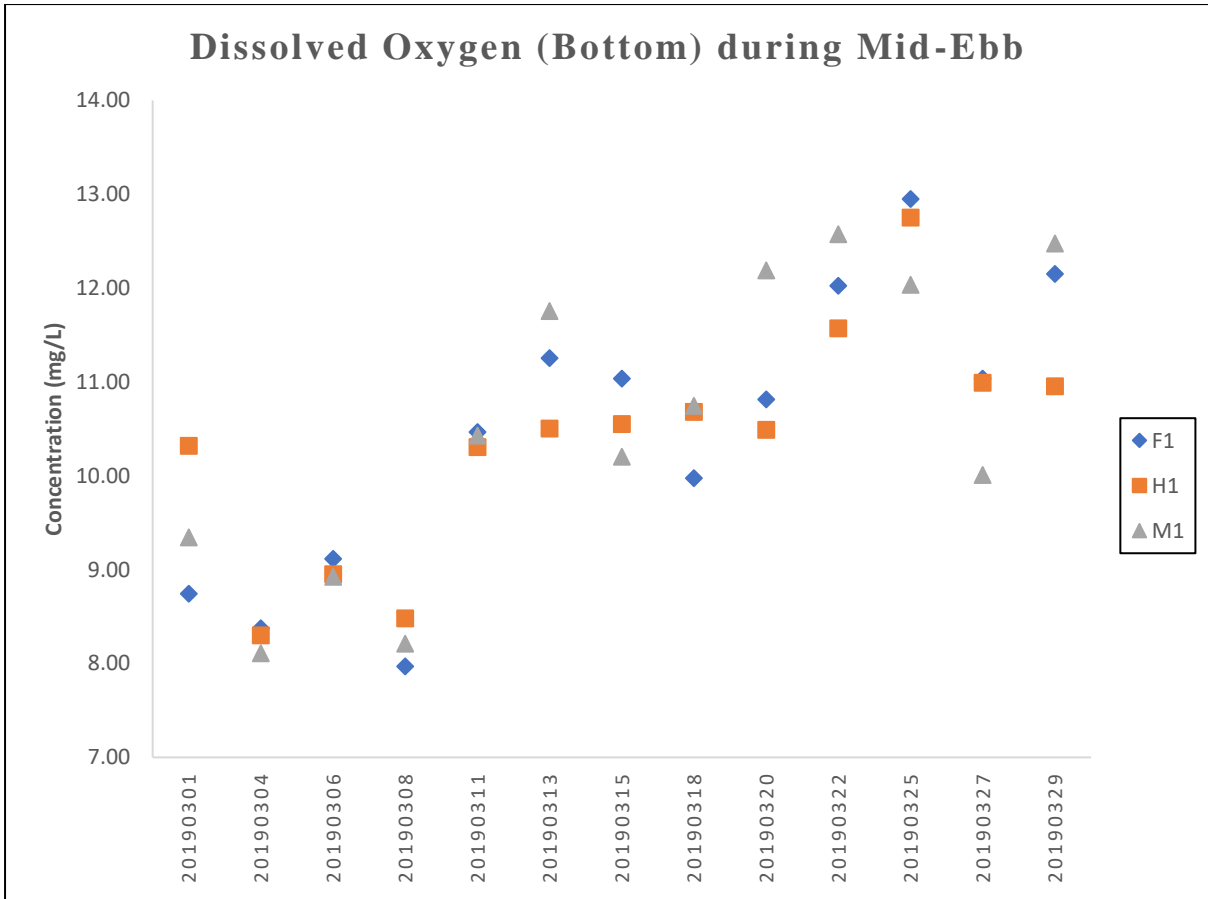
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



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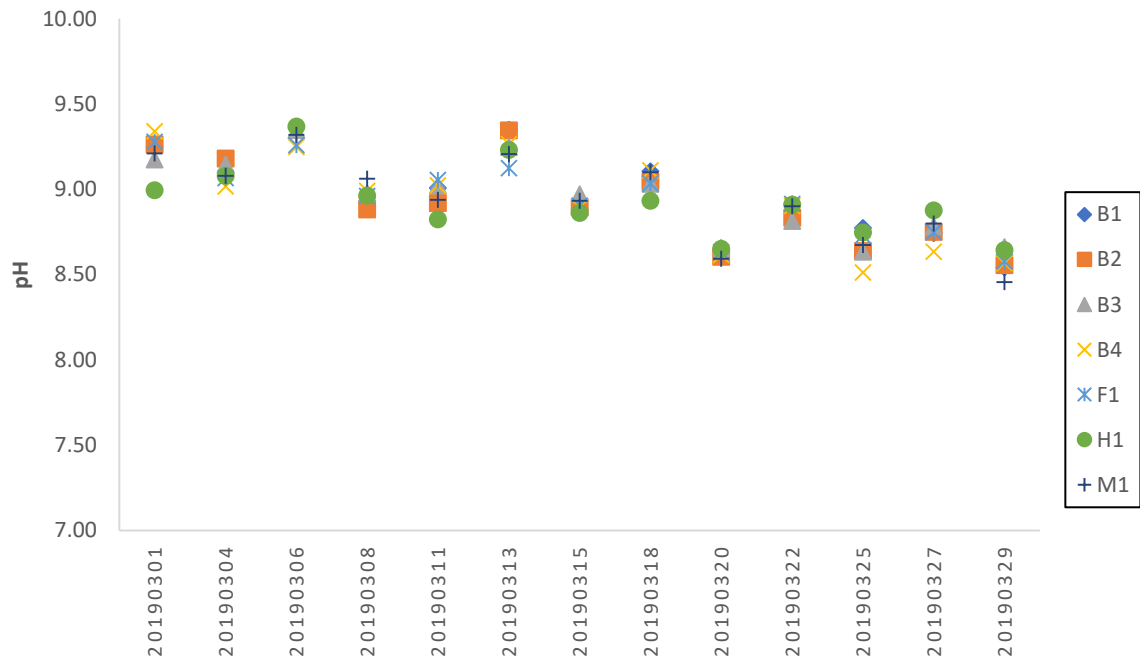


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

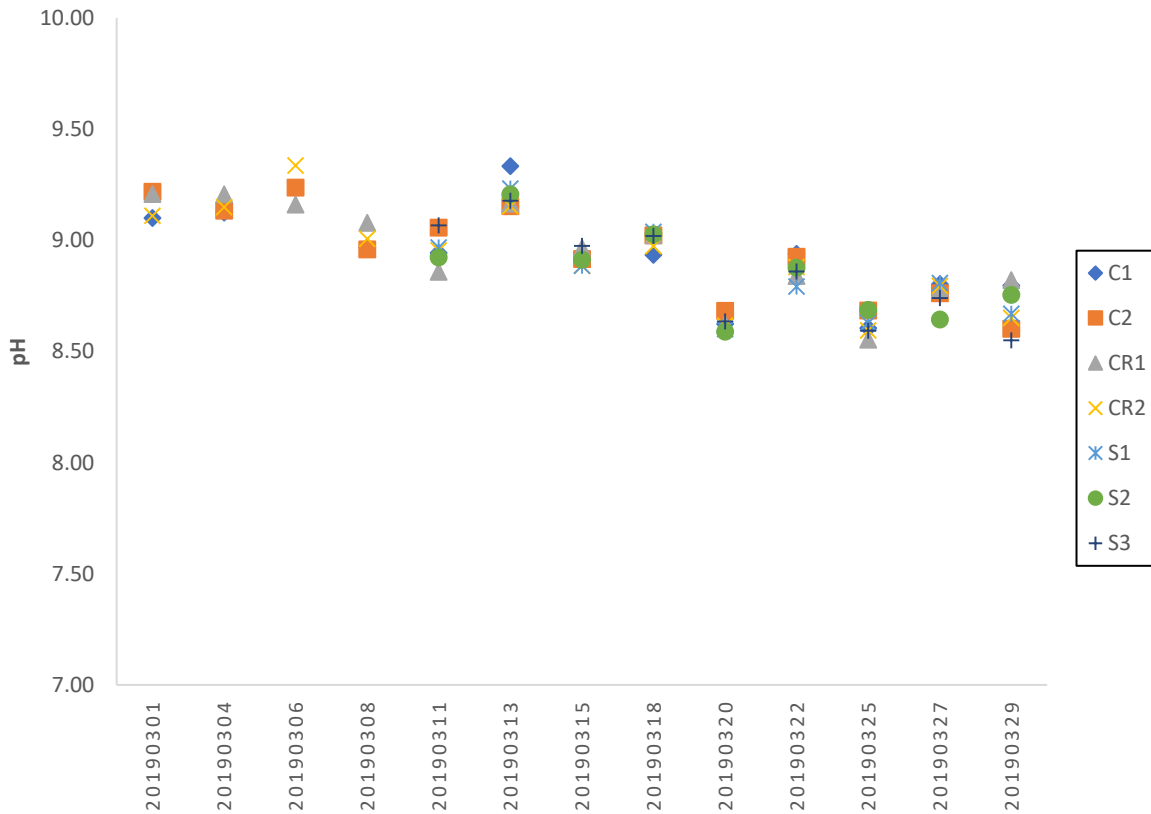


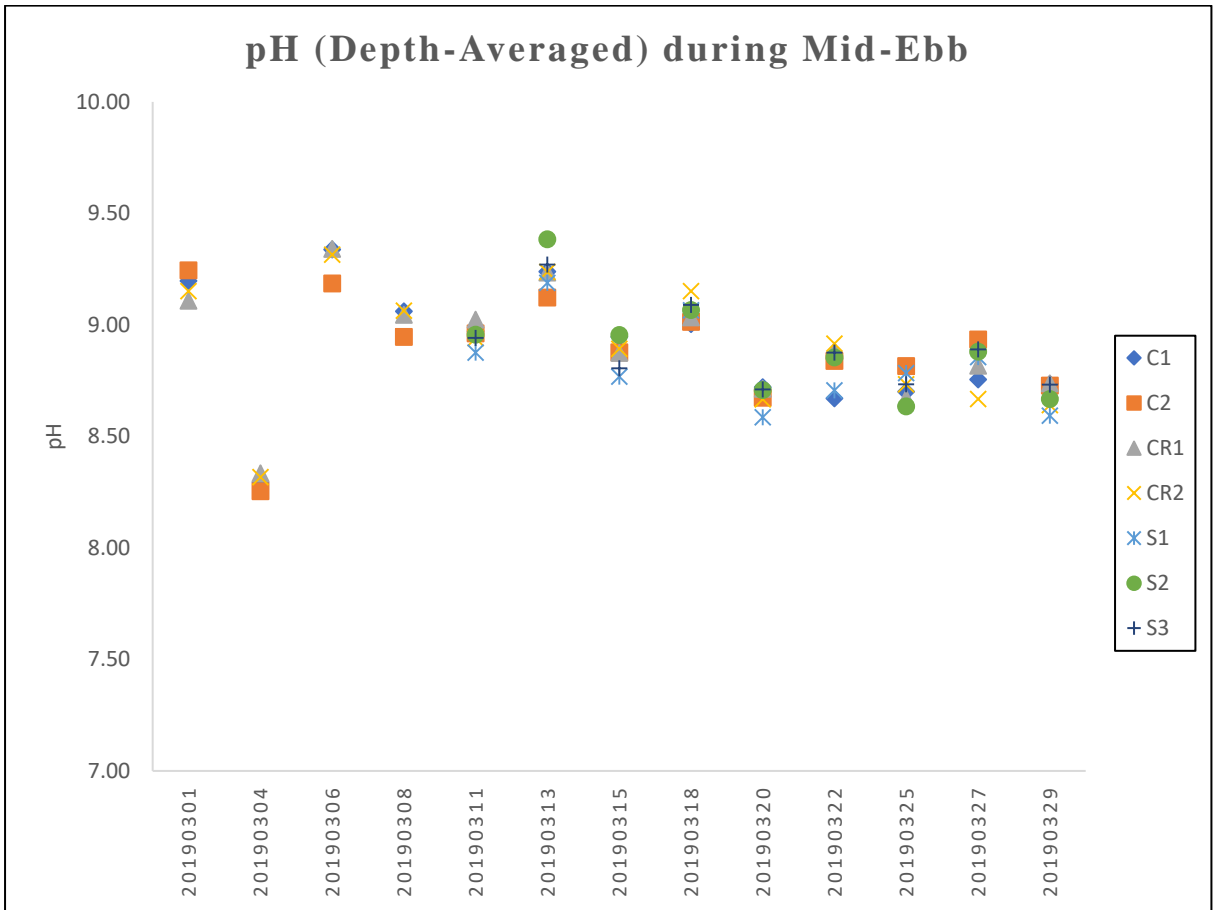
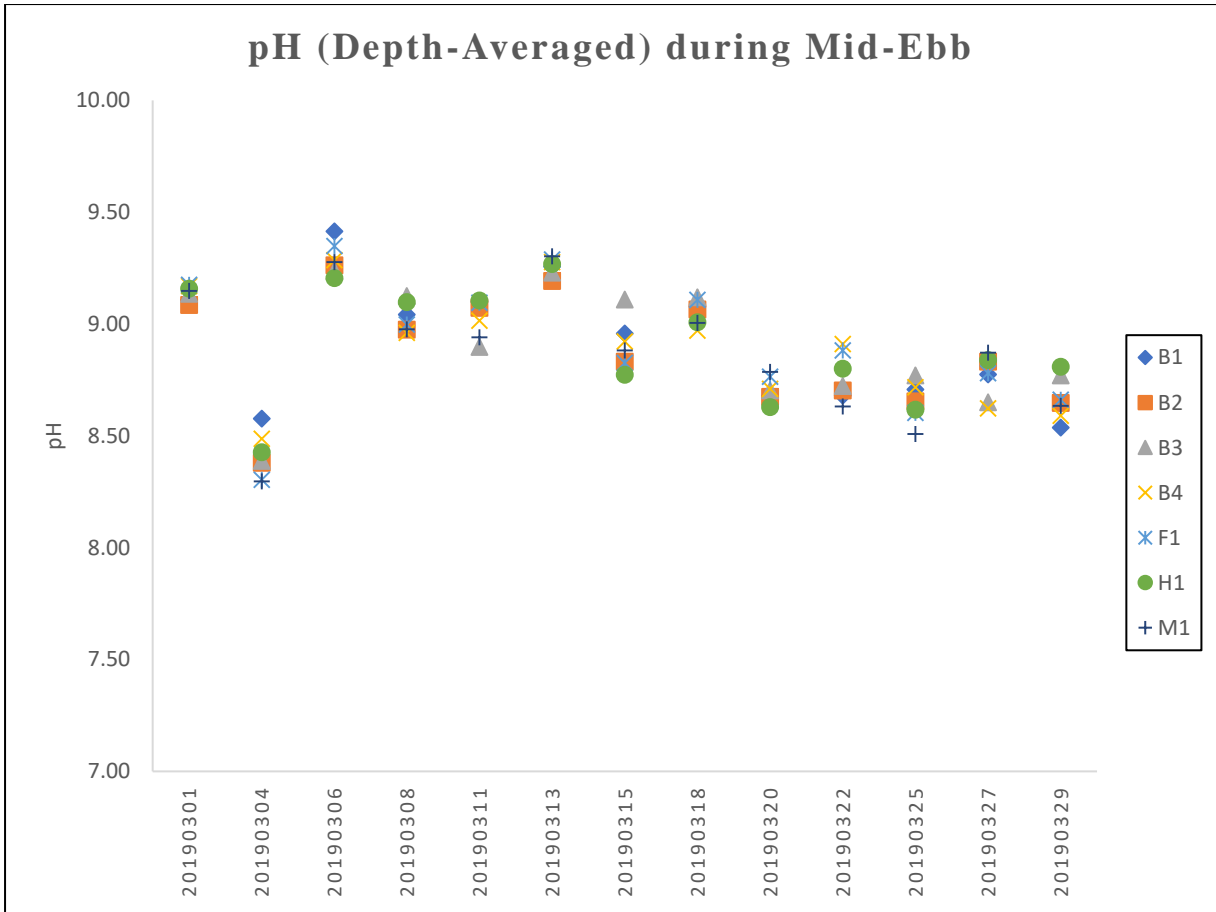
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

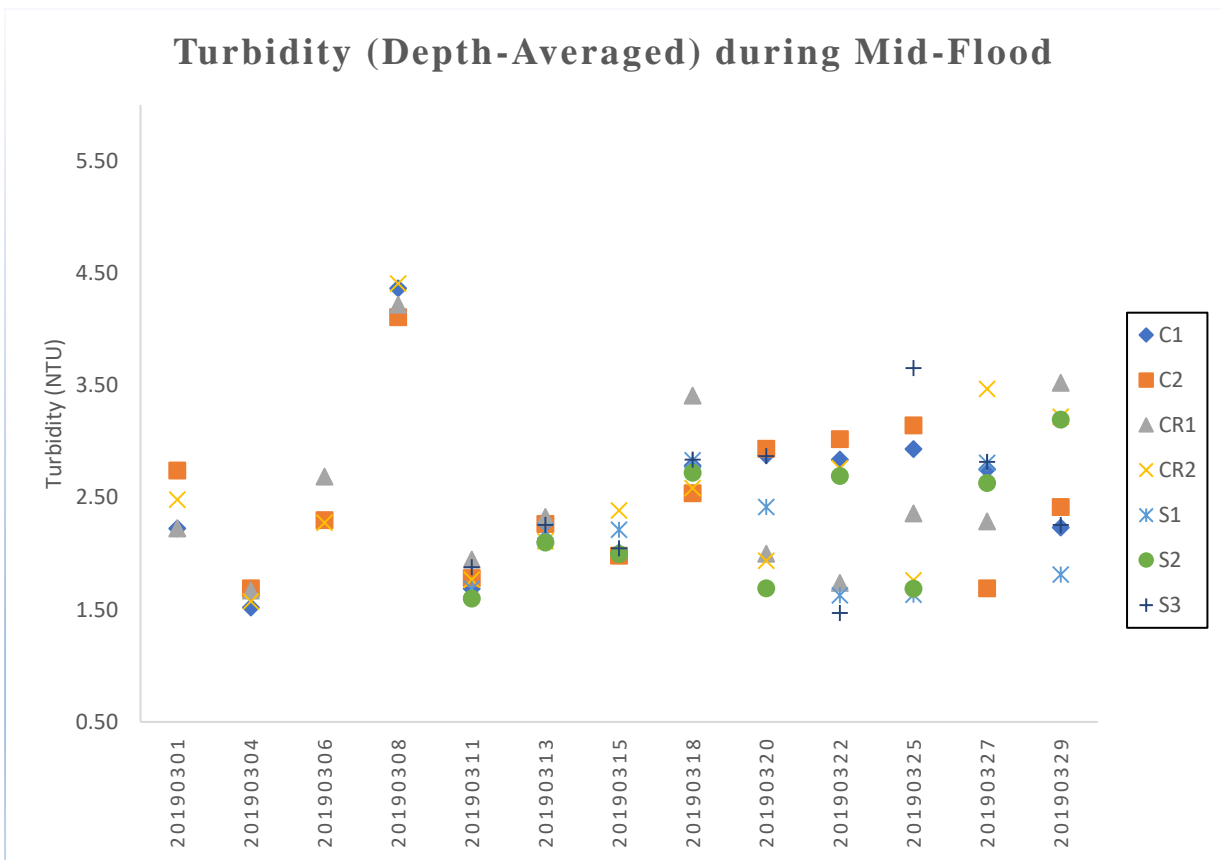
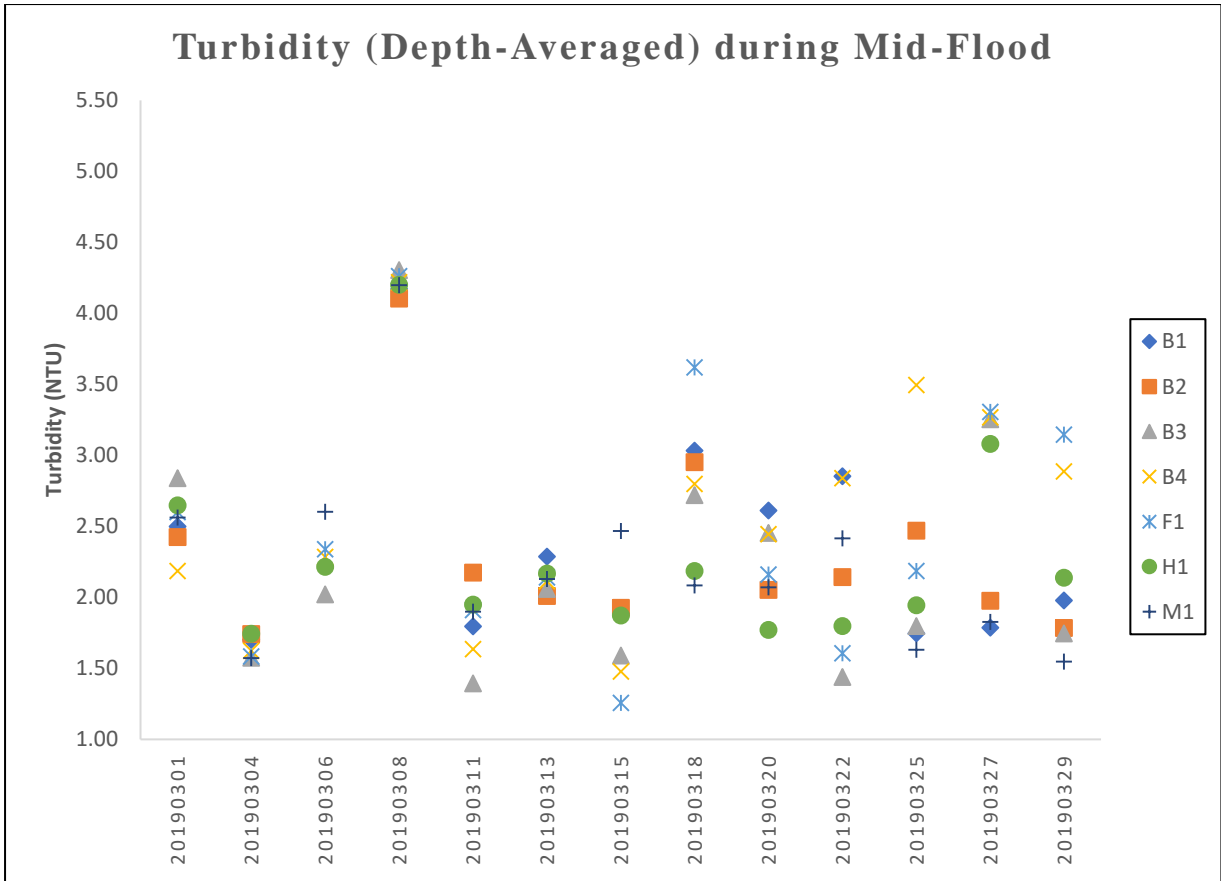
pH (Depth-Averaged) during Mid-Flood



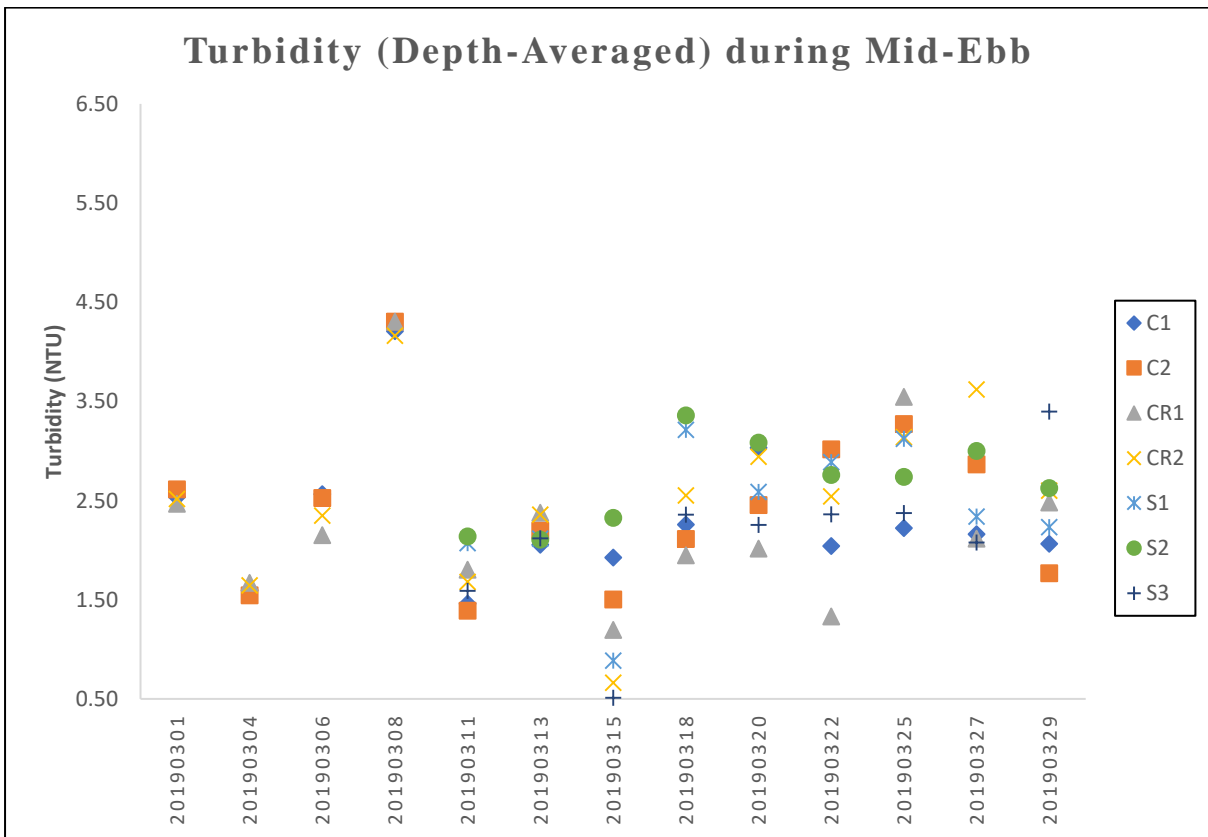
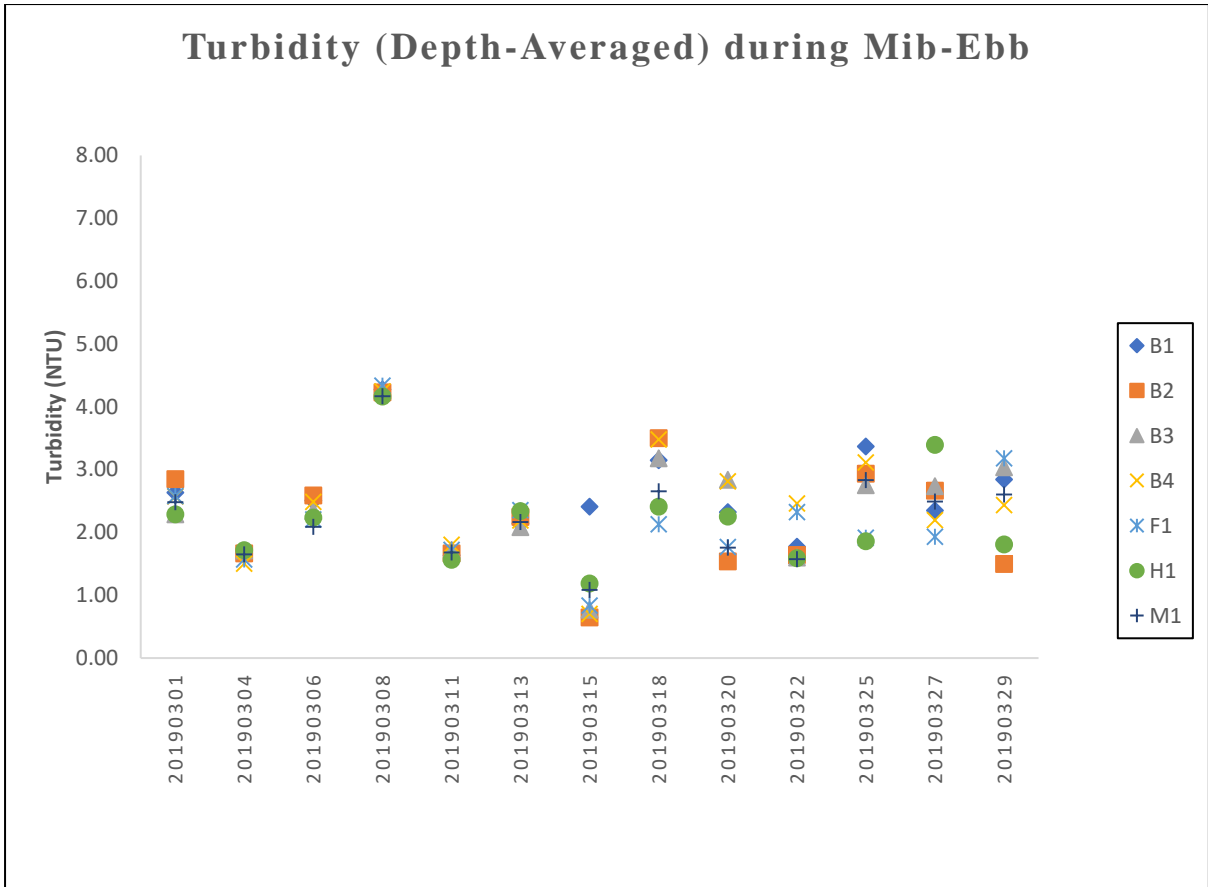
pH (Depth-Averaged) during Mid-Flood



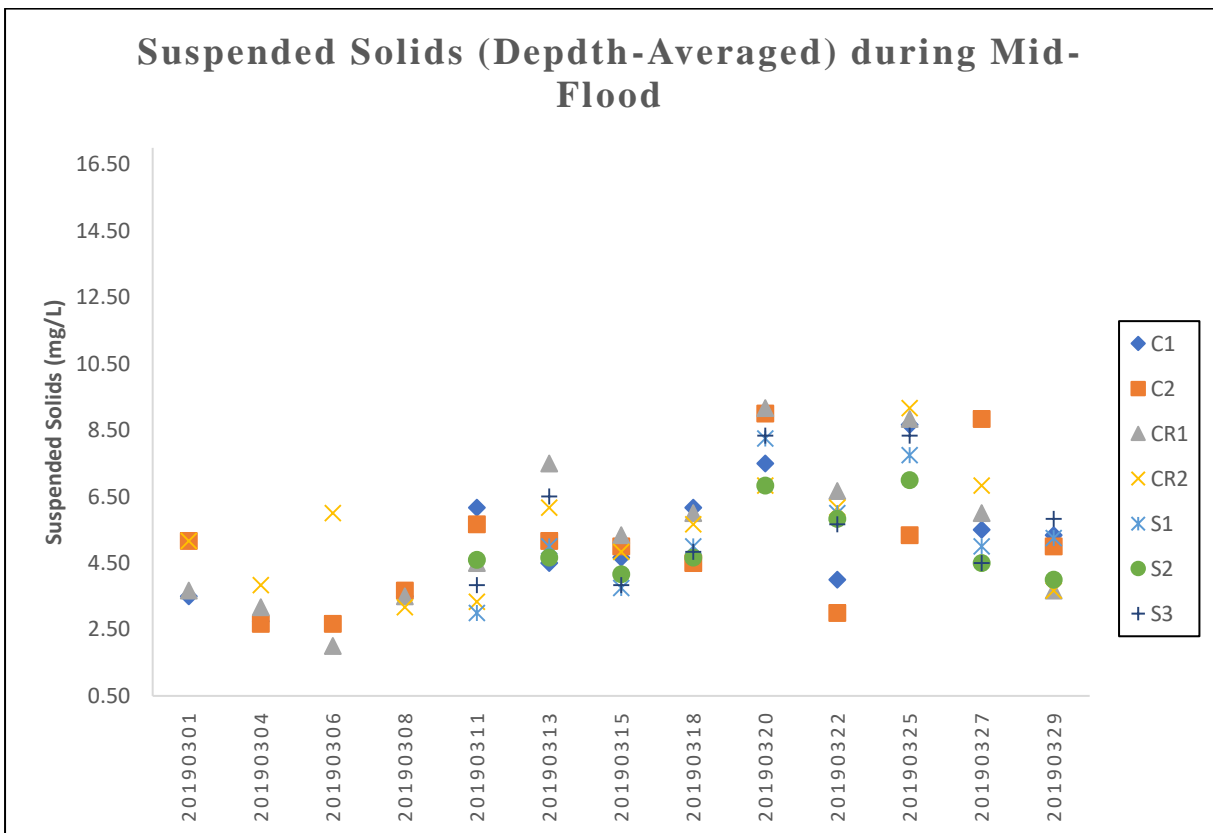
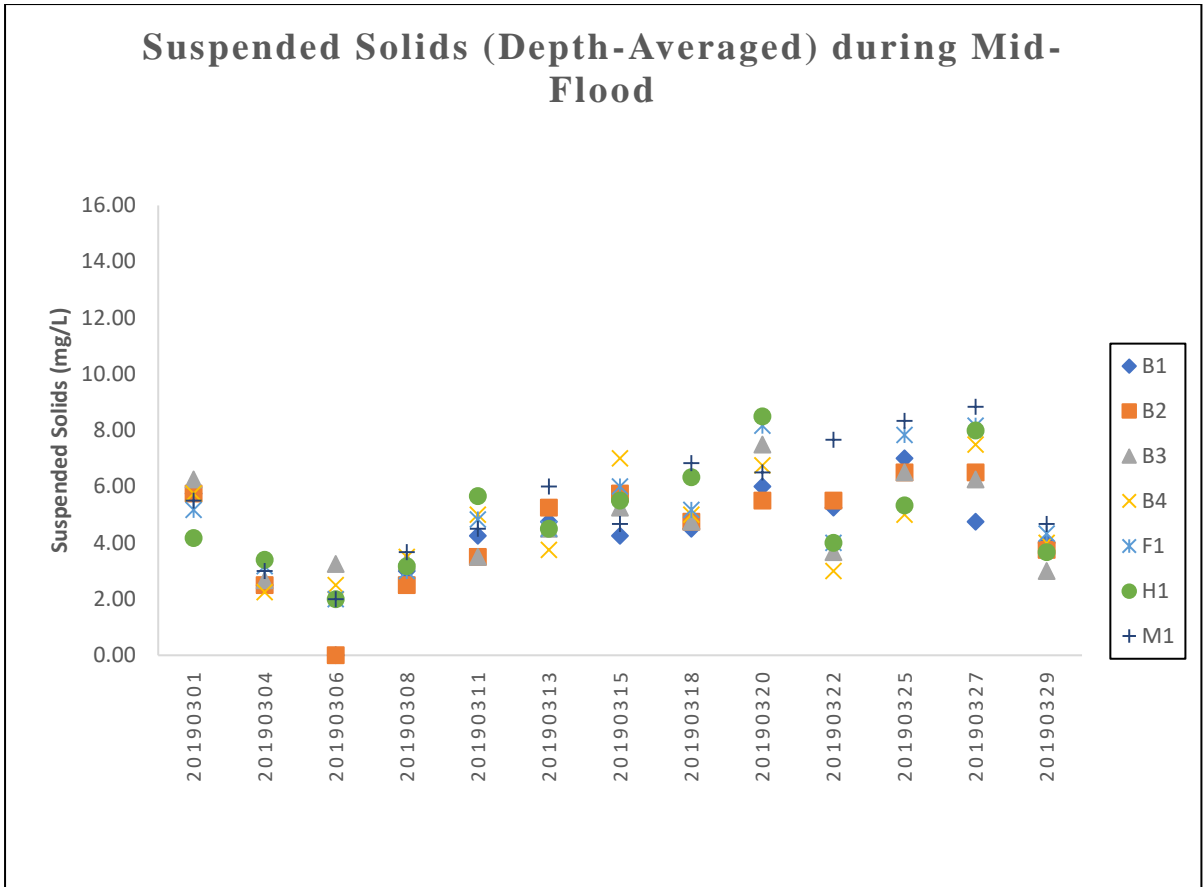




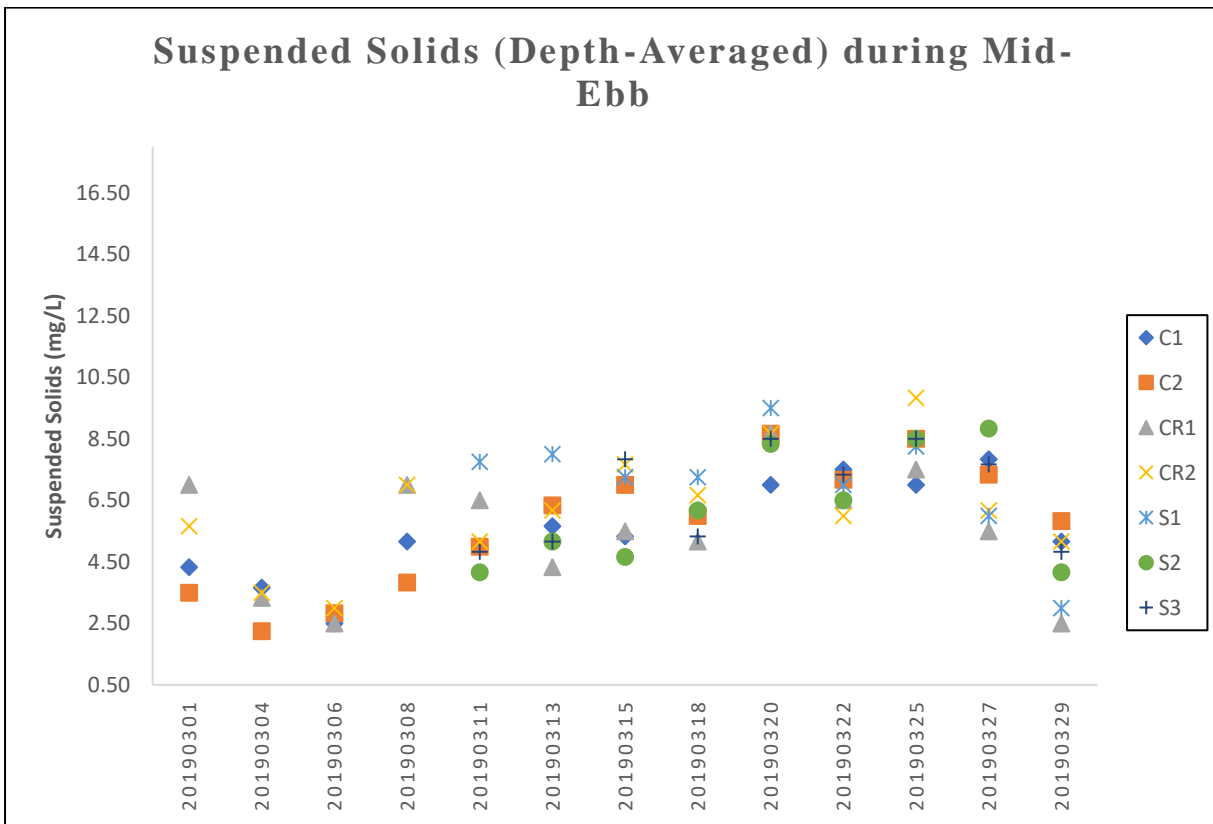
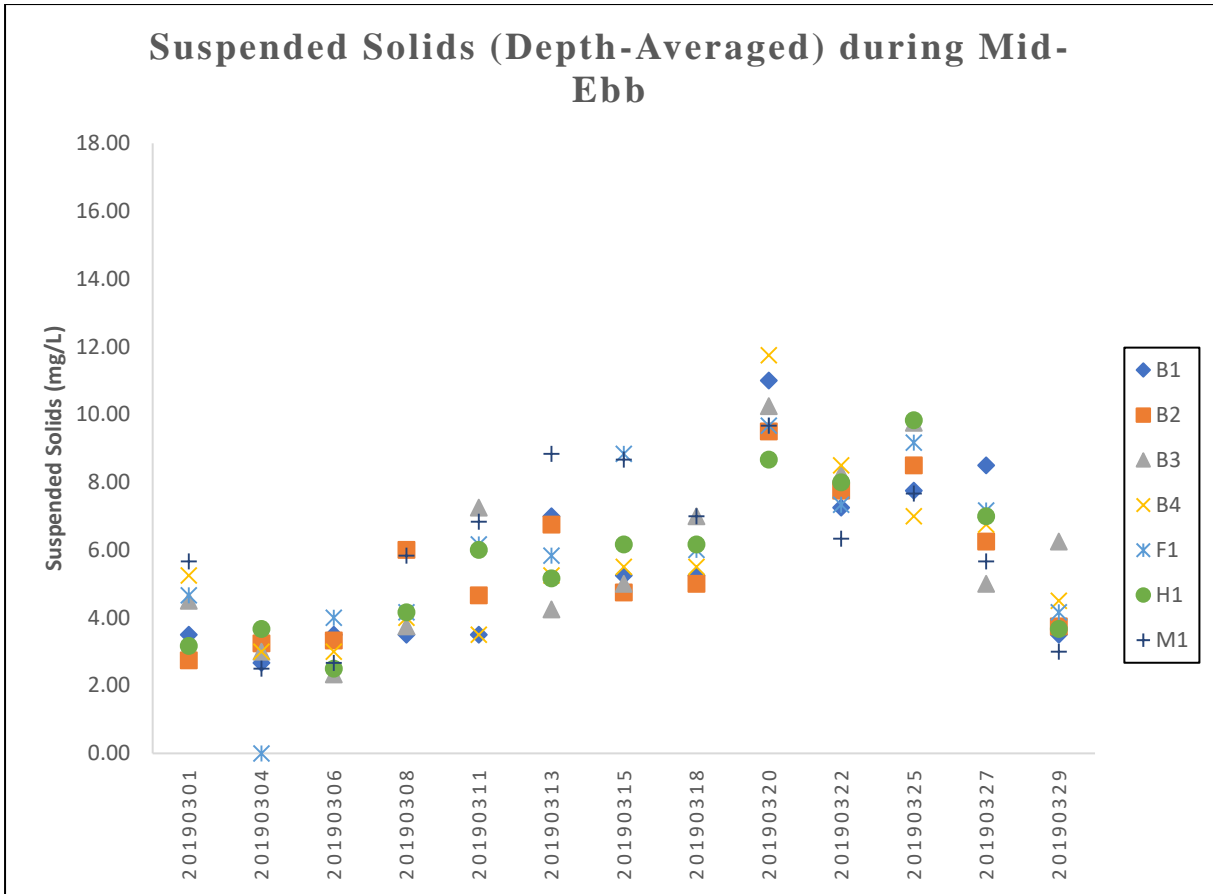
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



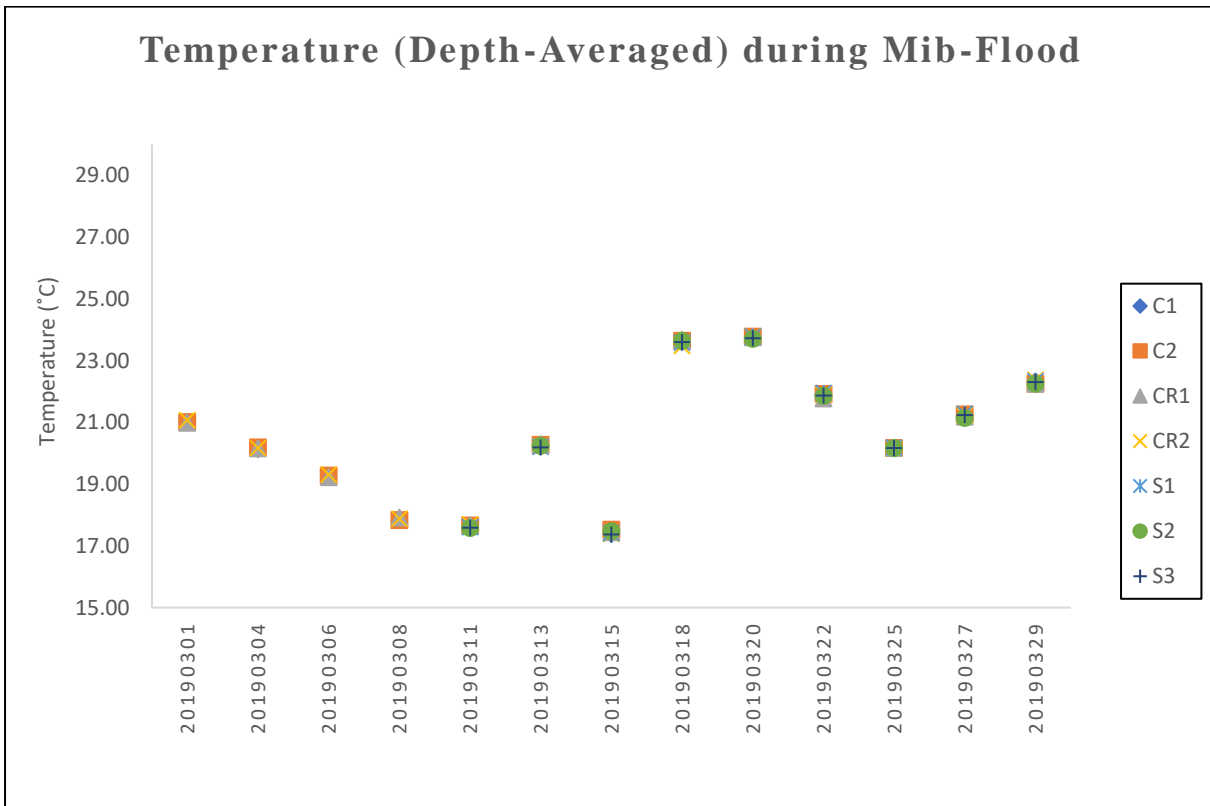
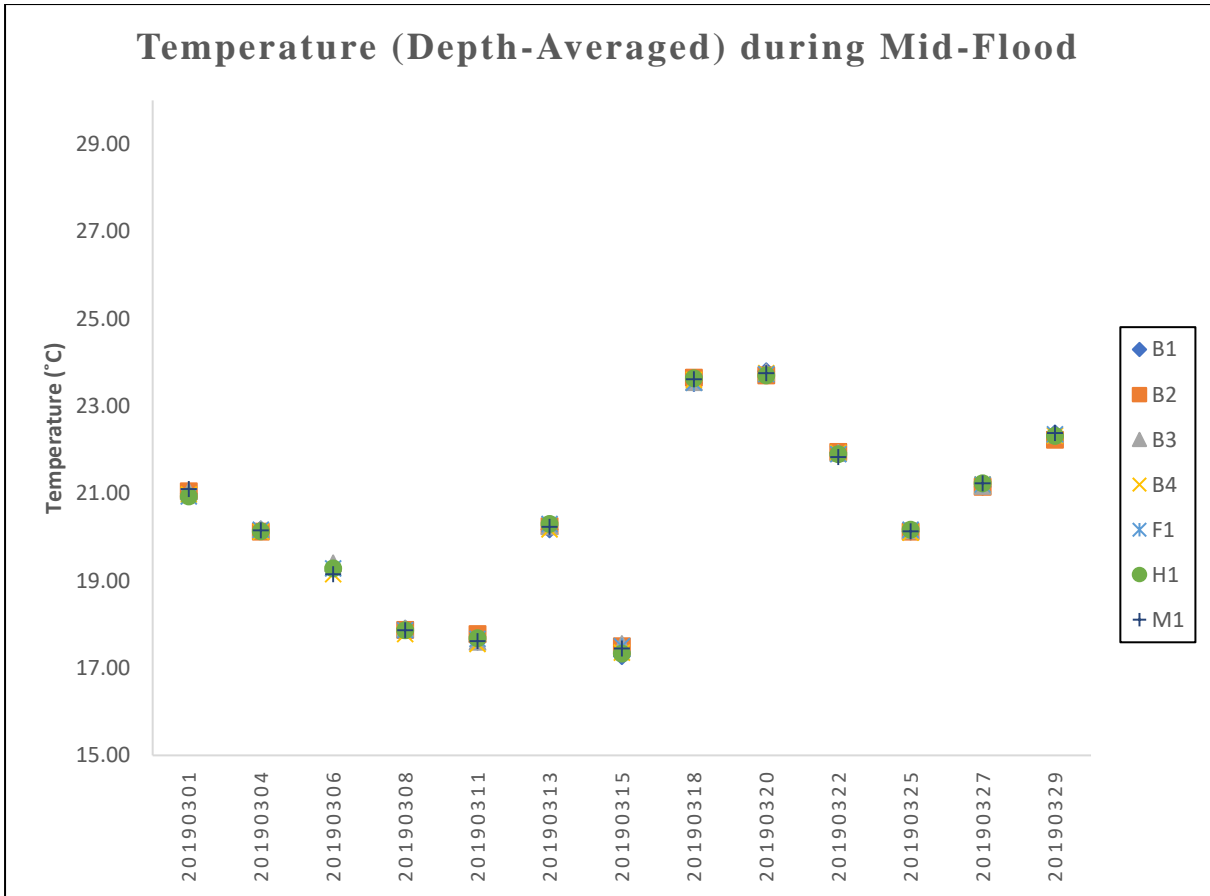
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



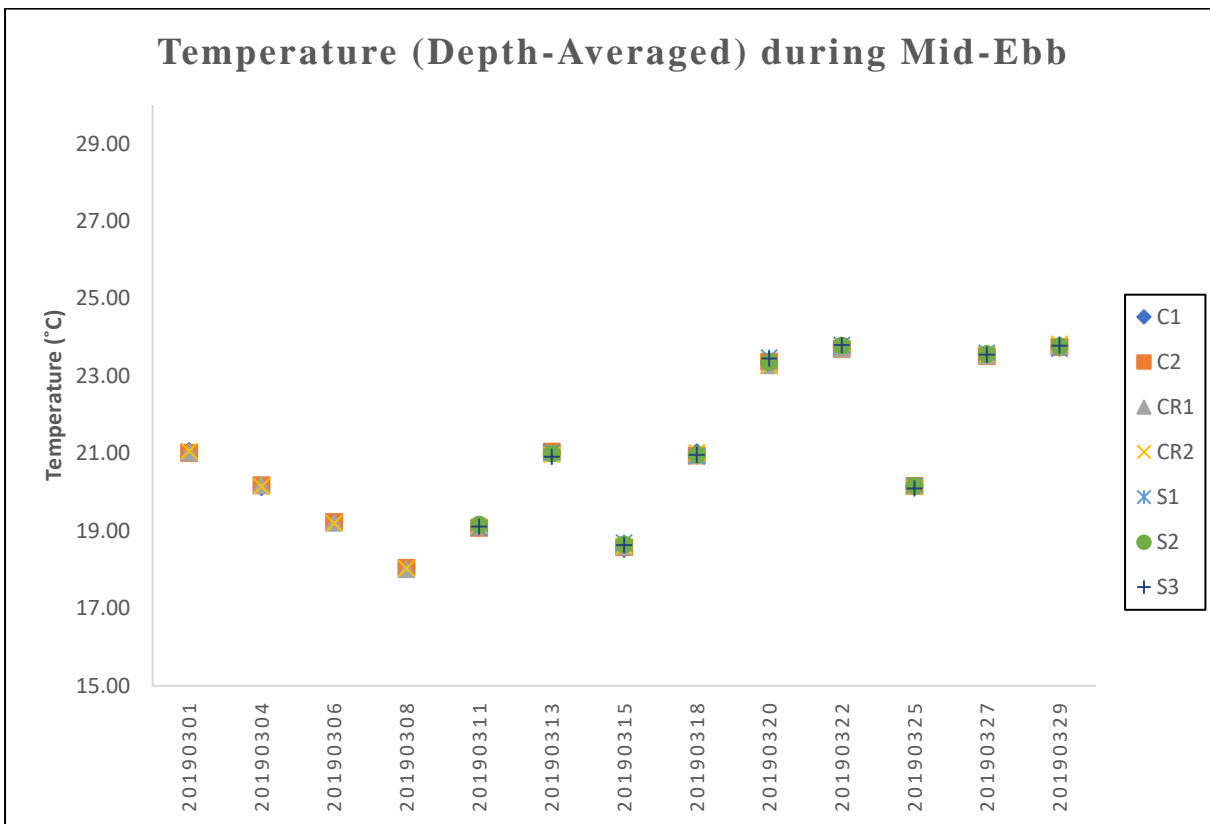
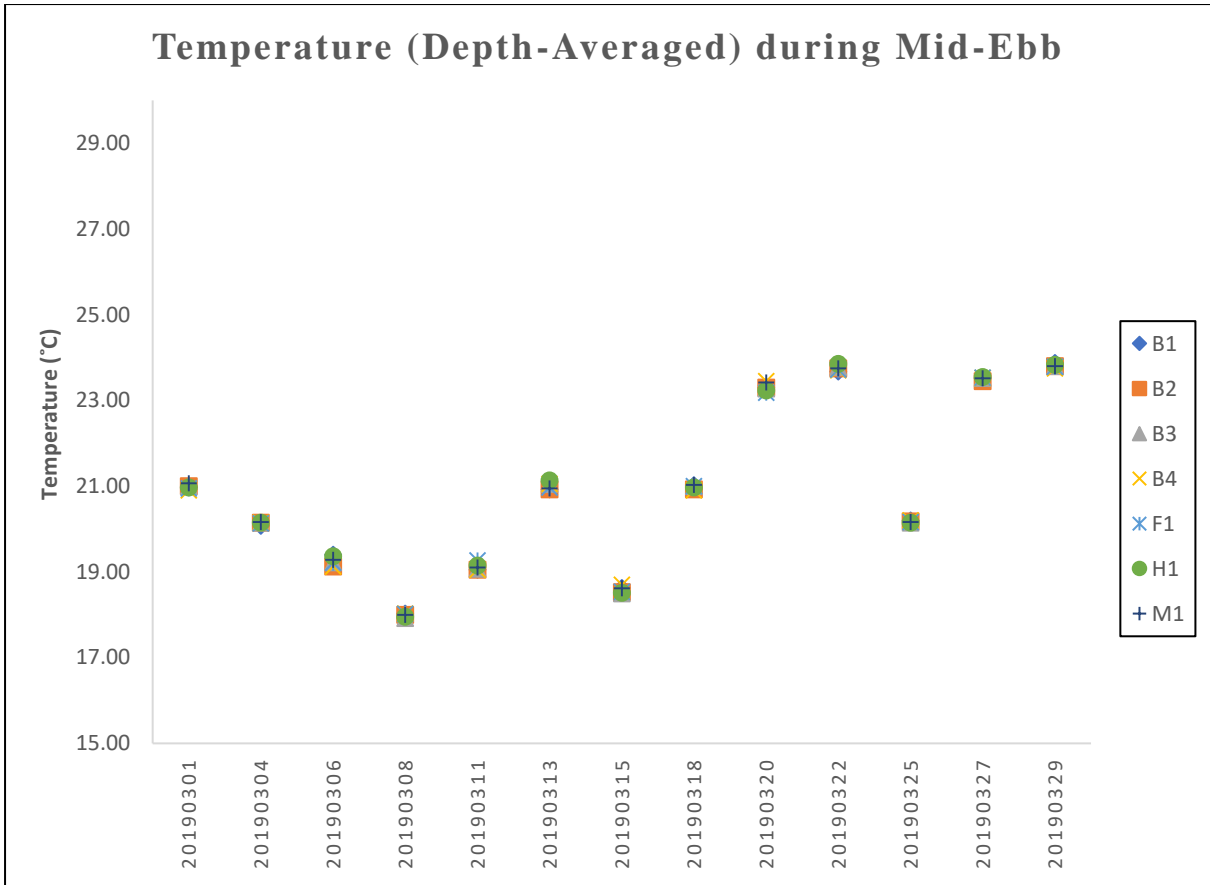
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



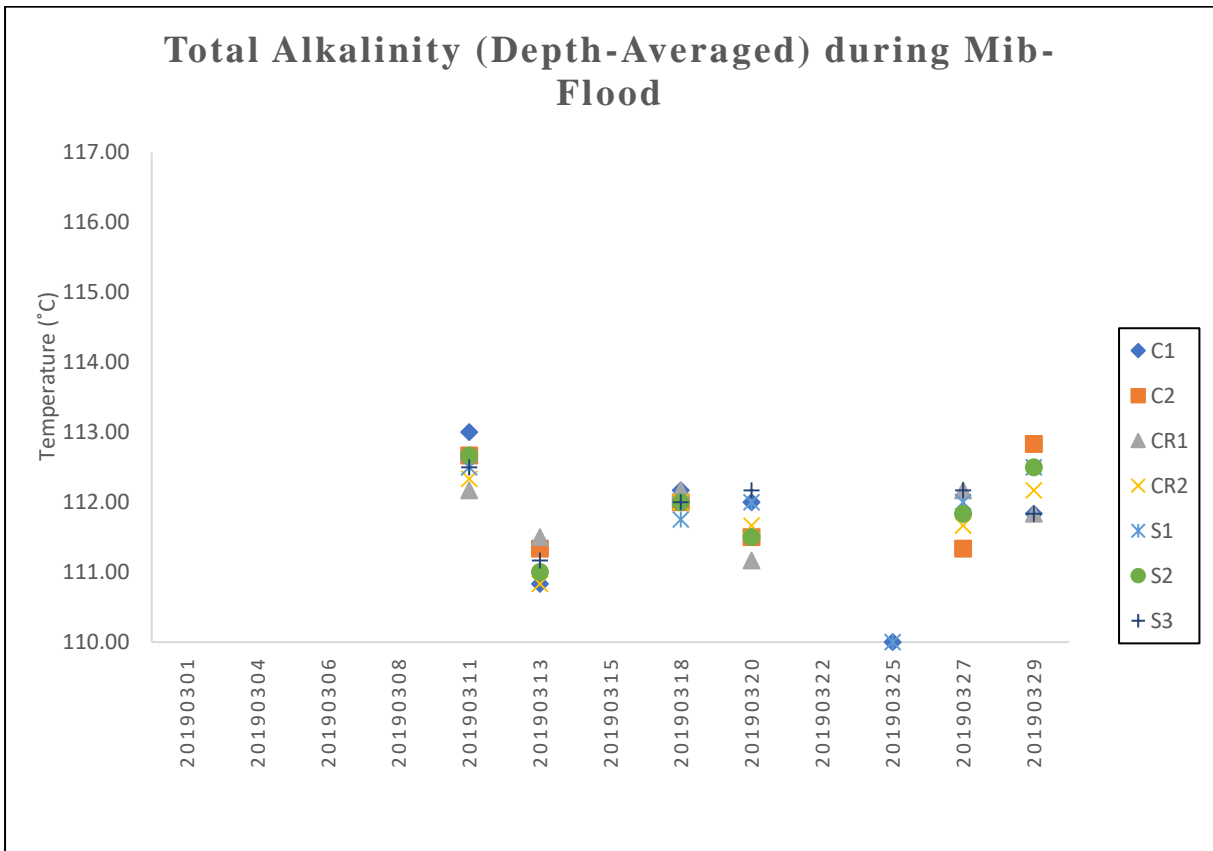
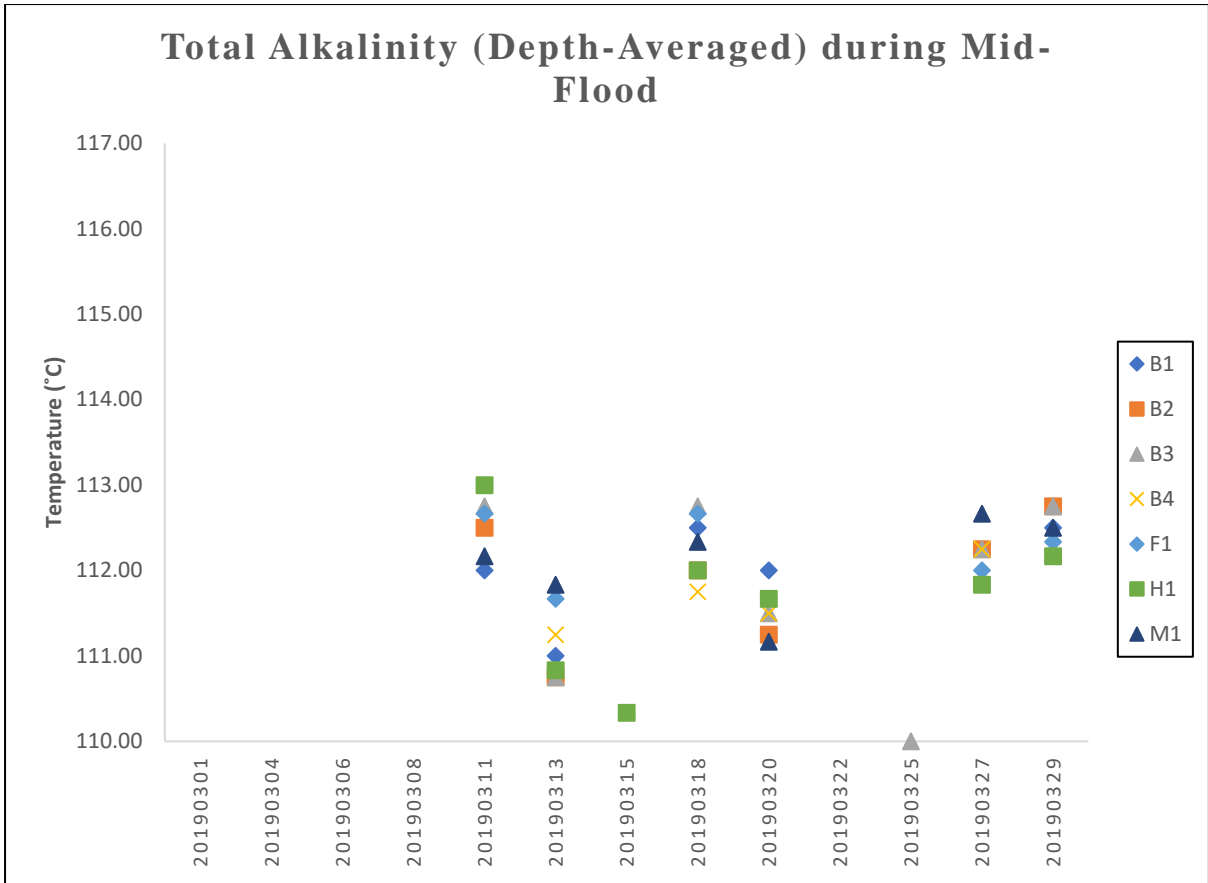
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



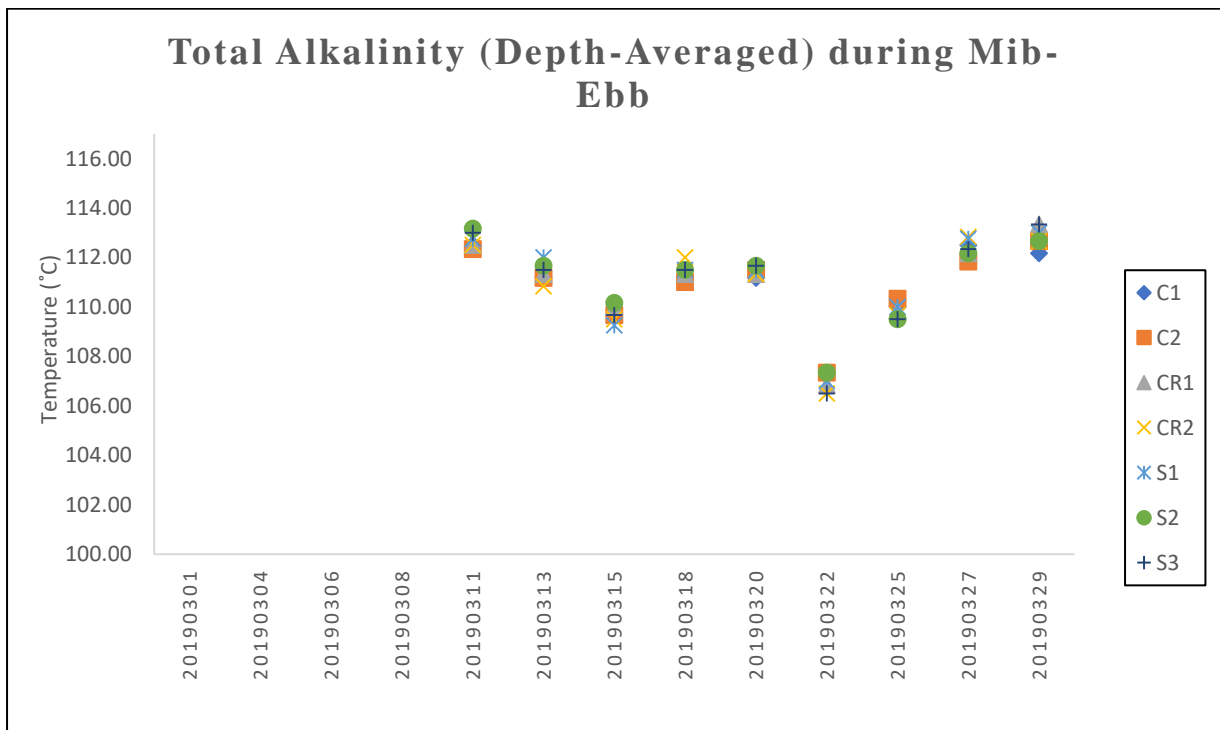
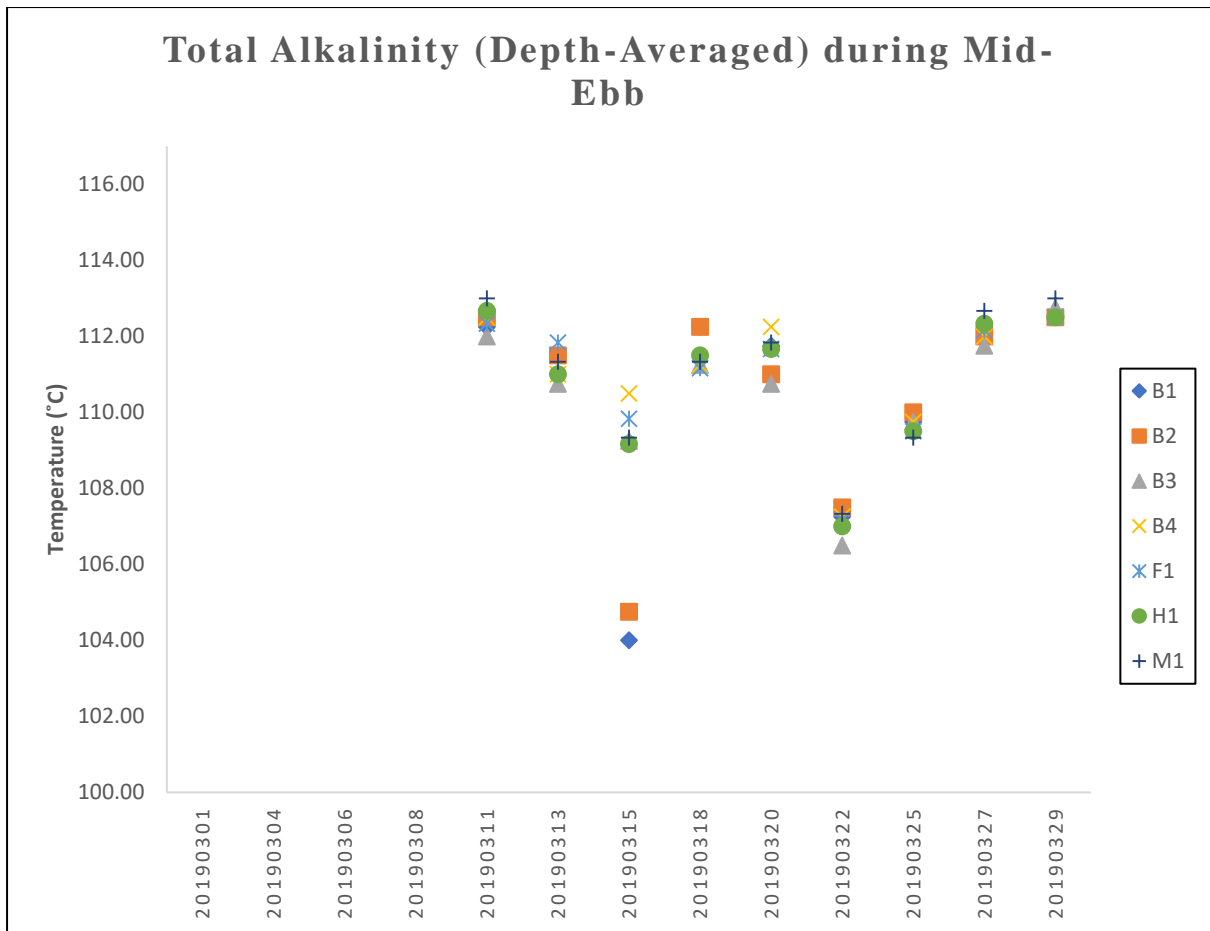
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



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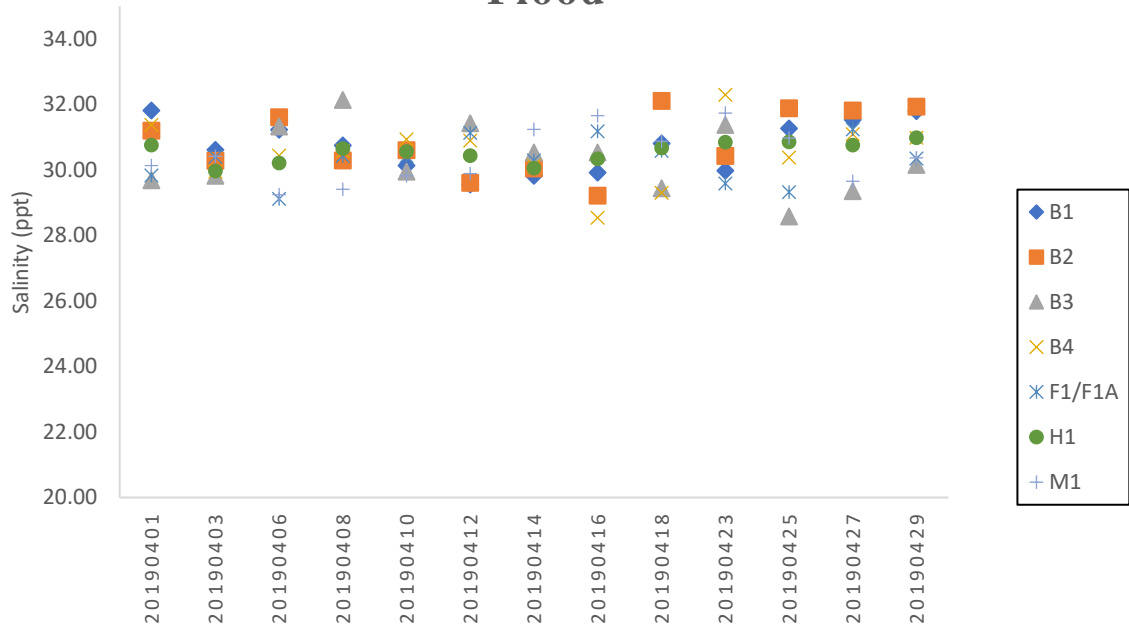


Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

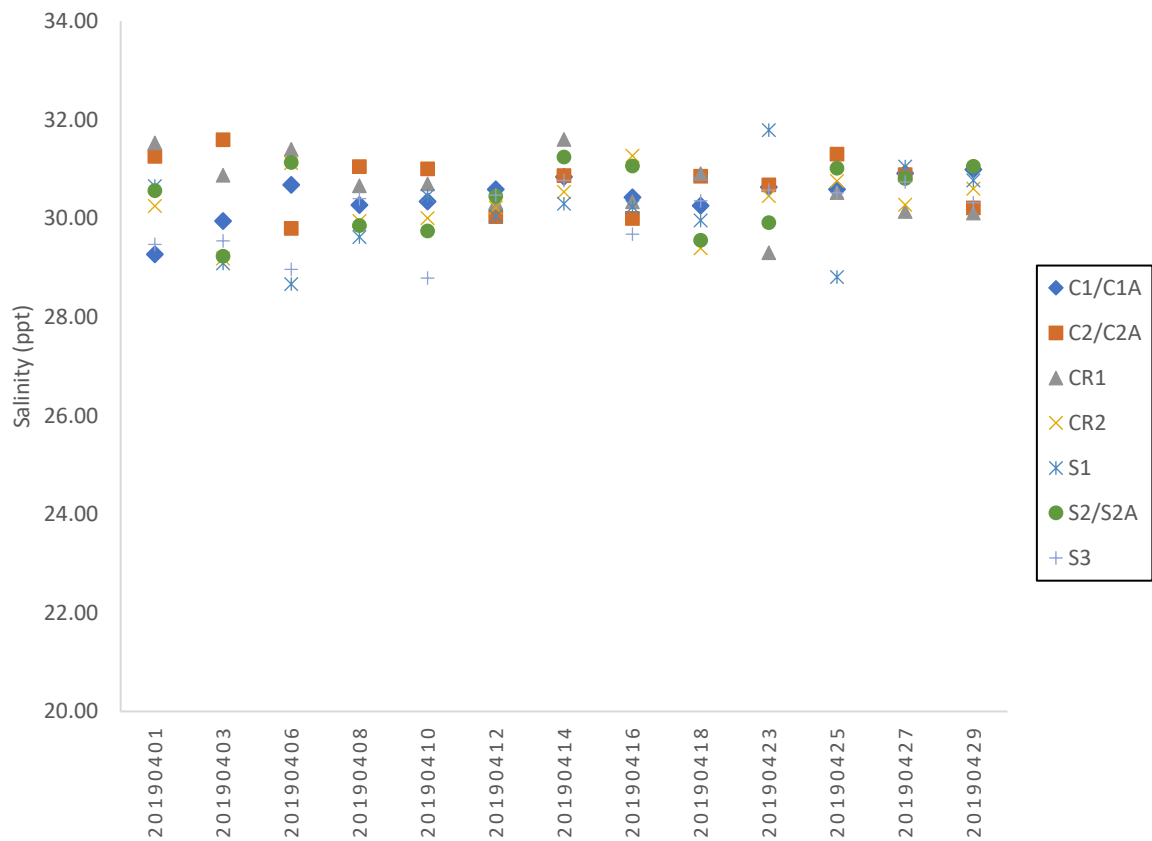


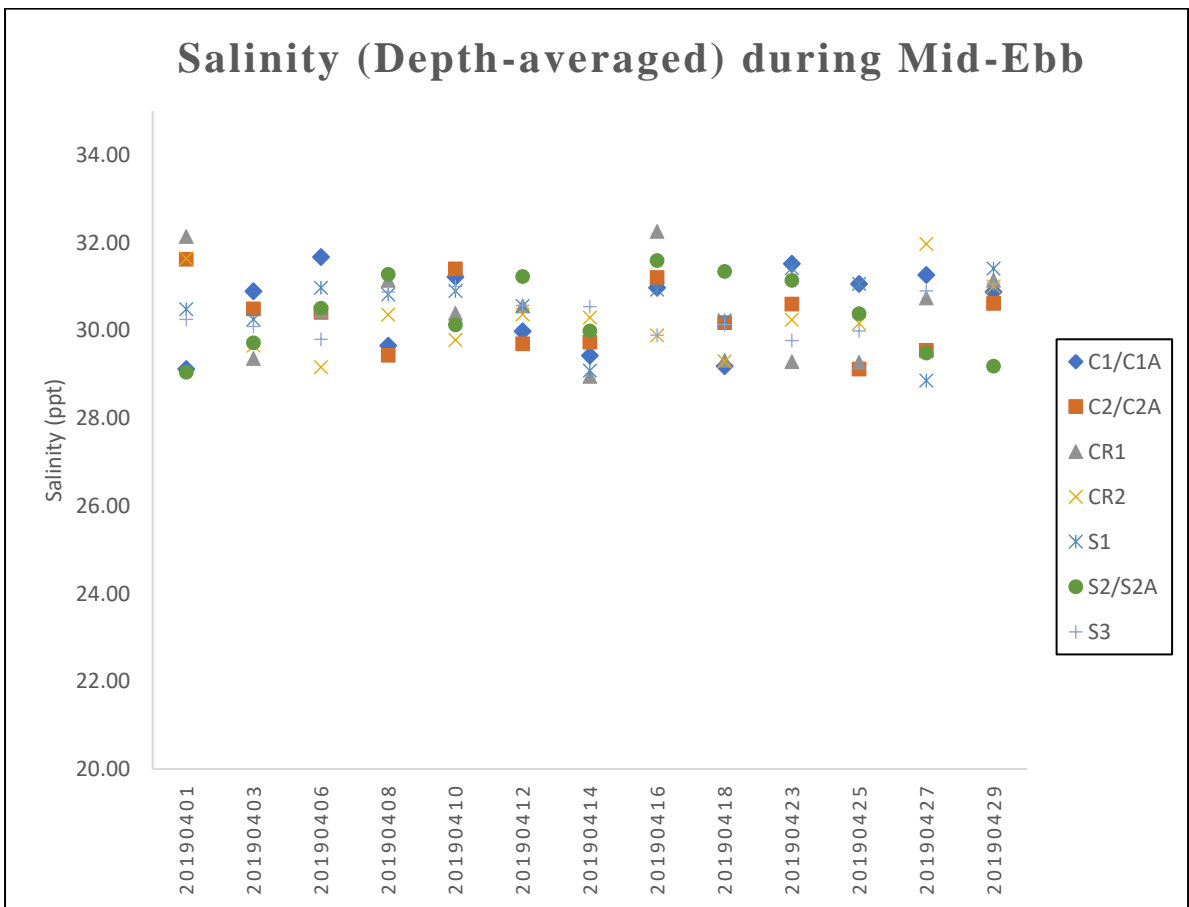
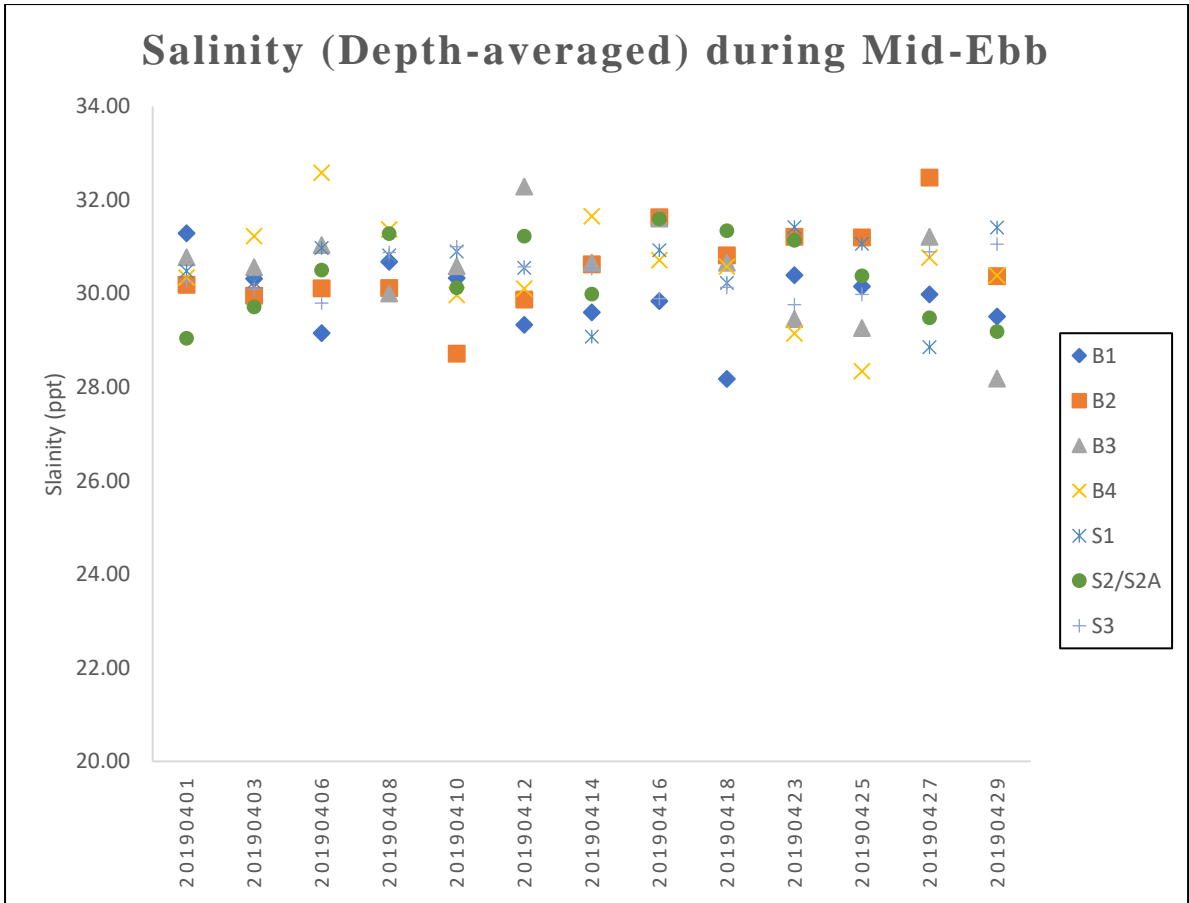
Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

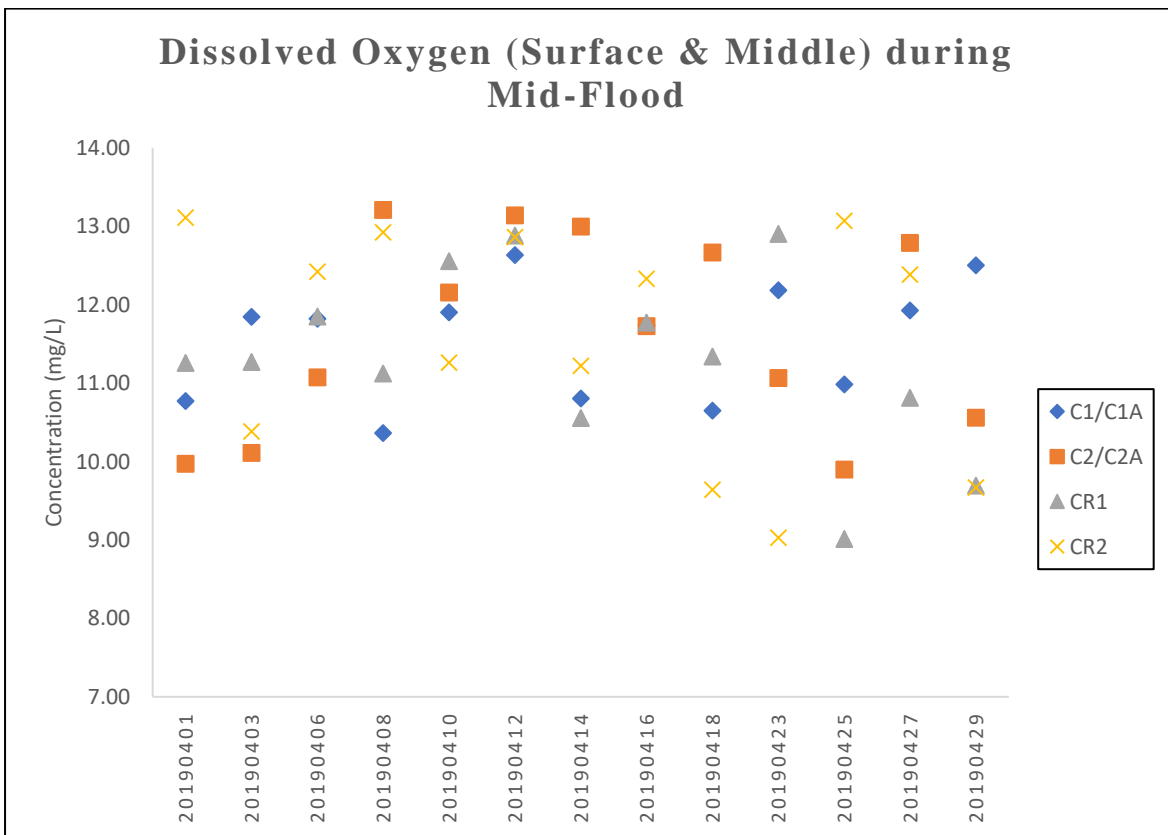
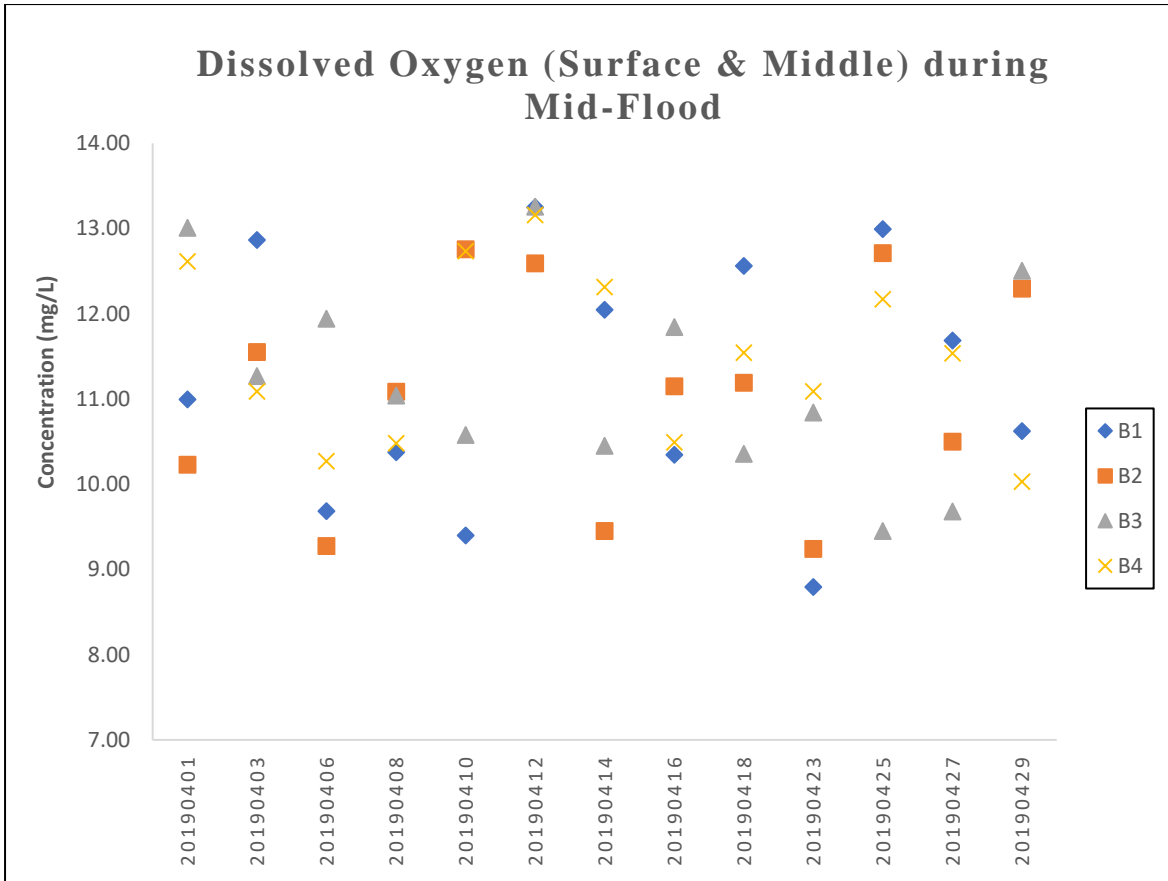
Salinity (Depth-averaged) during Mid-Flood



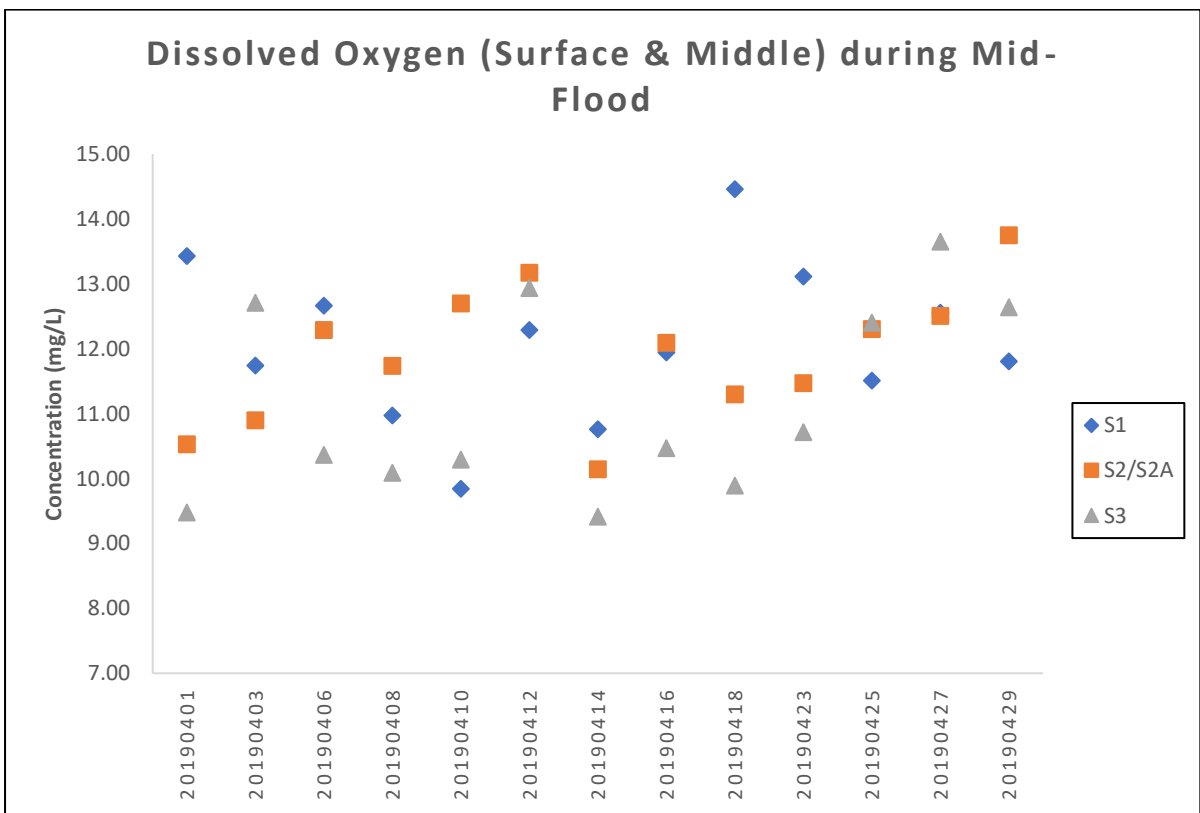
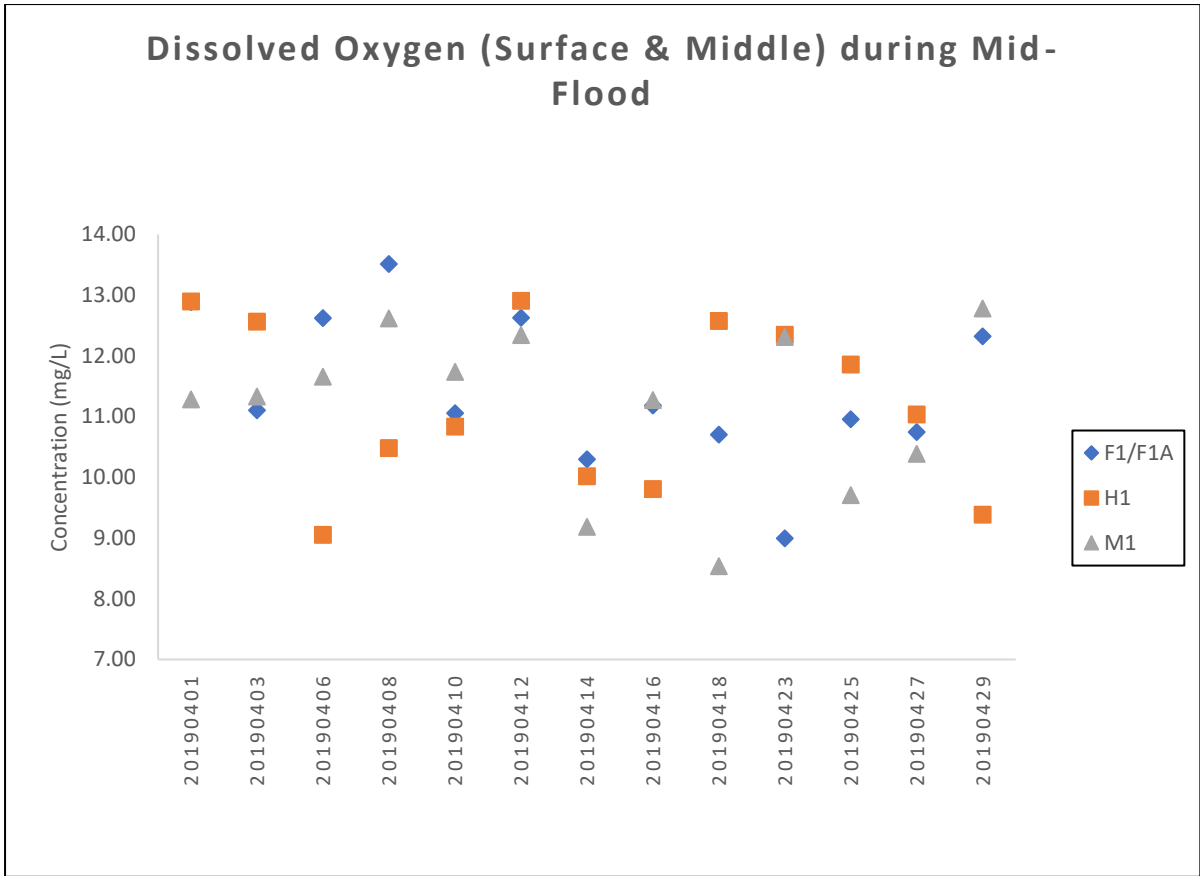
Salinity (Depth-averaged) during Mid-Flood



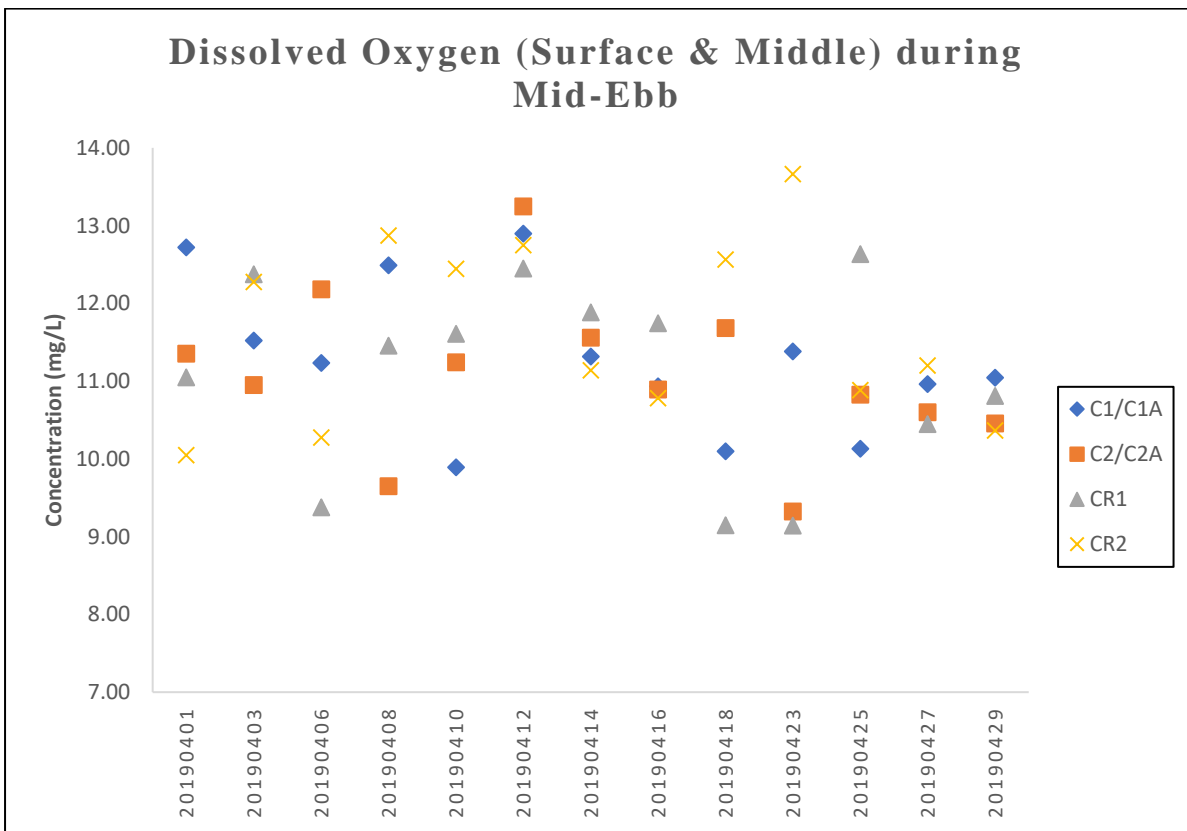
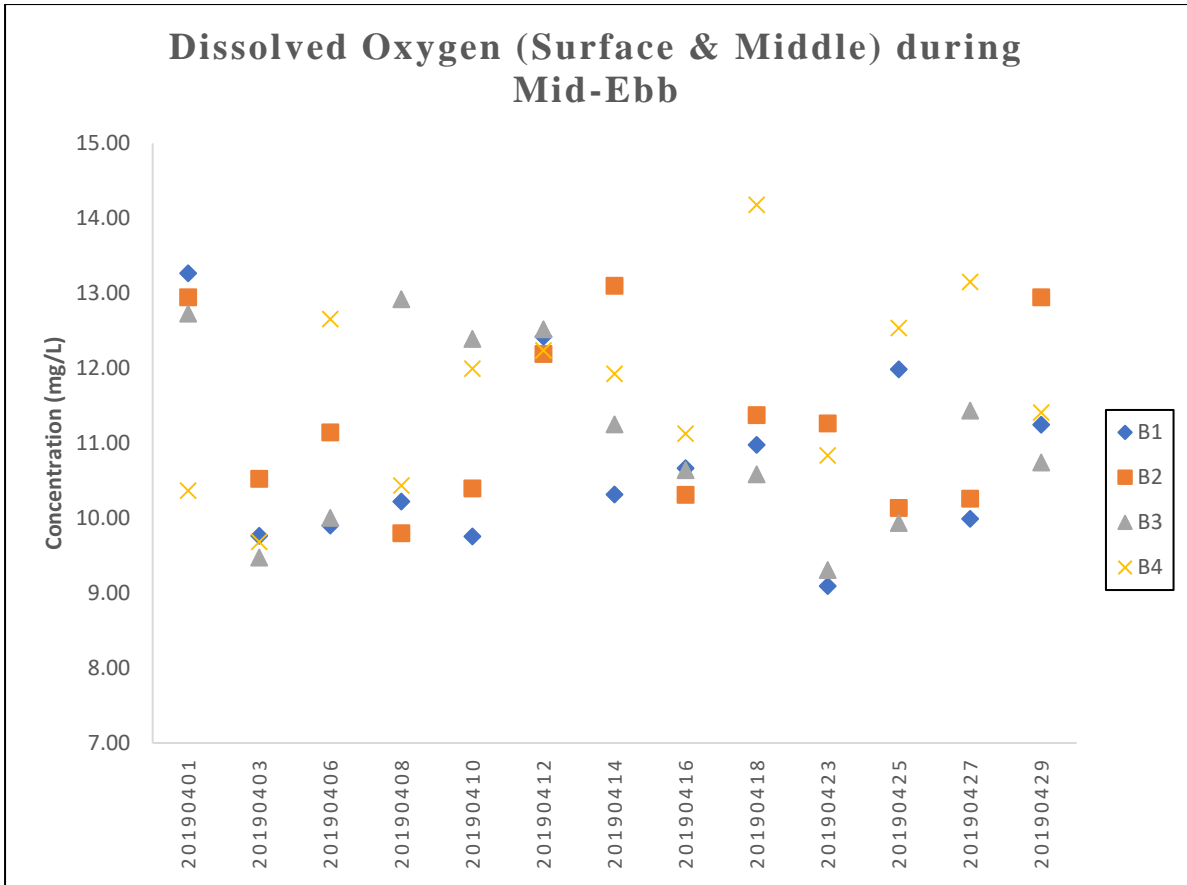




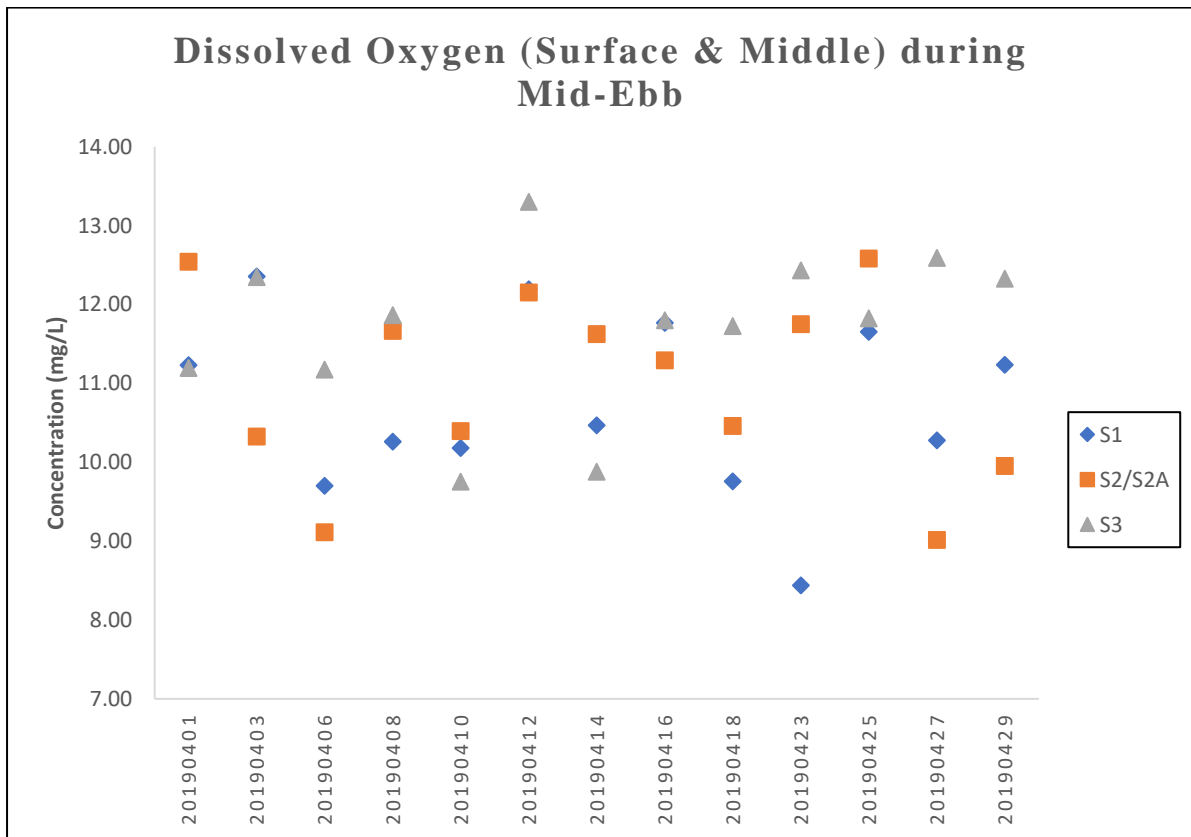
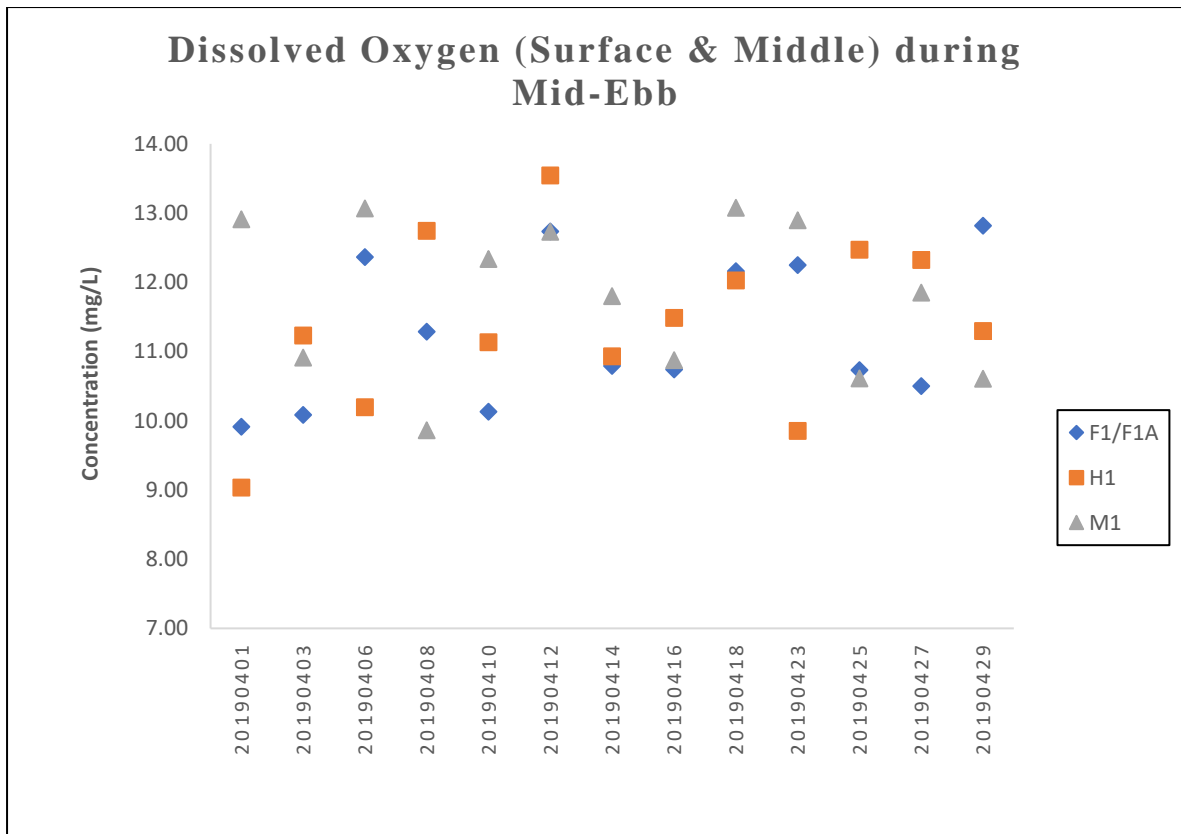
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.8** of the monthly EM & A report.



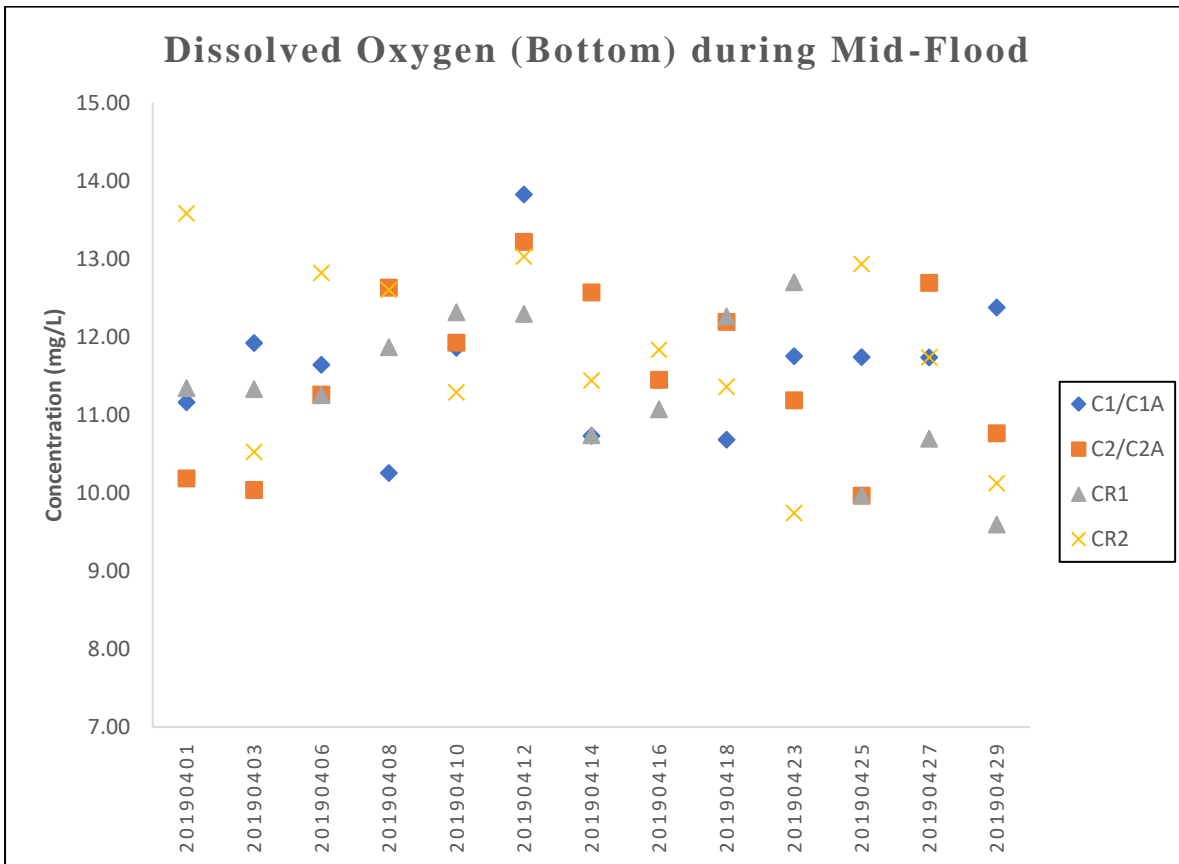
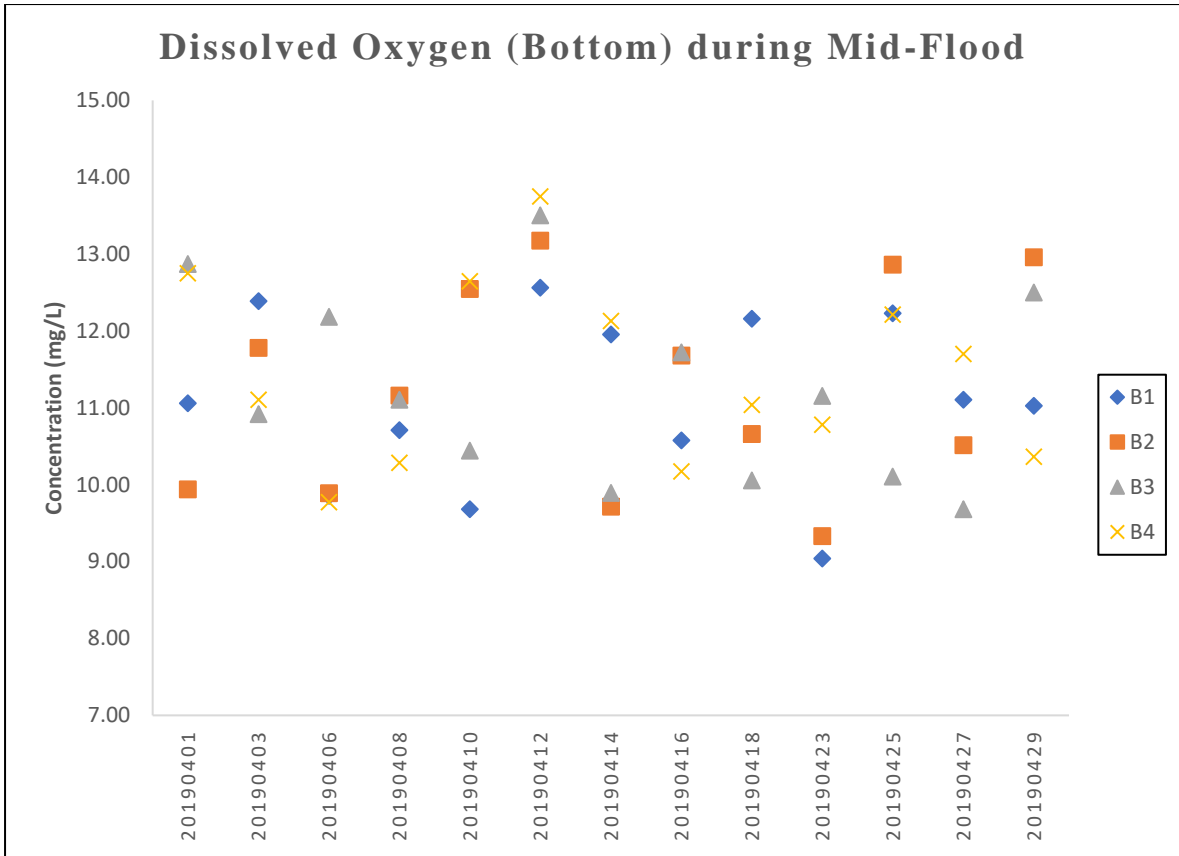
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.8** of the monthly EM & A report.



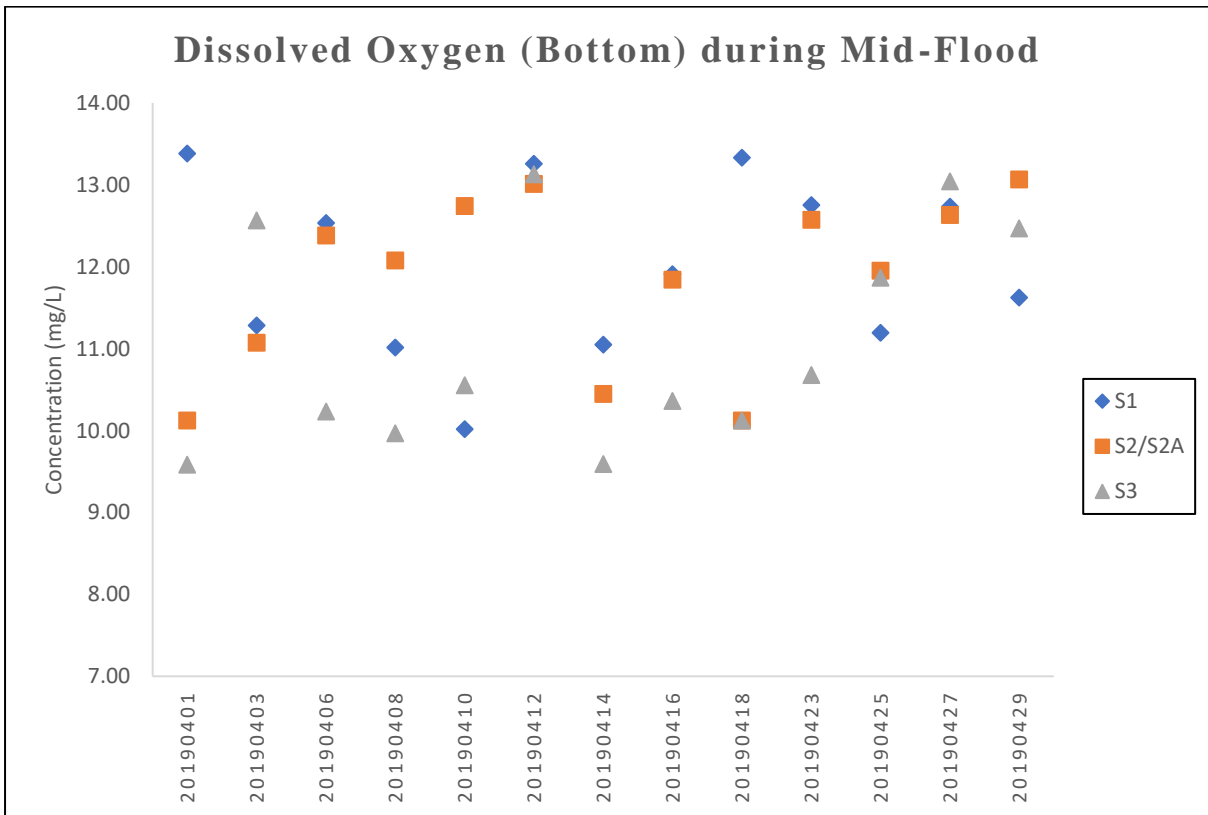
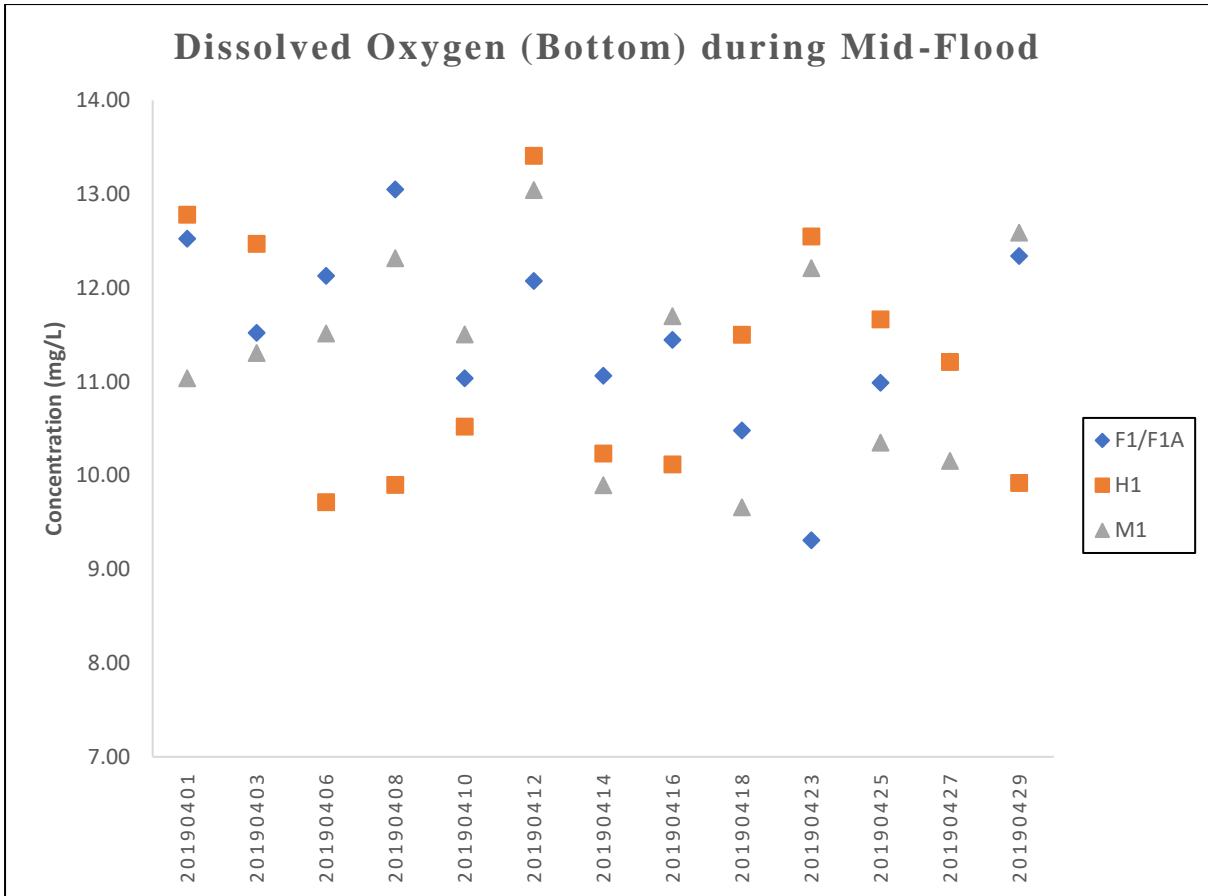
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.8** of the monthly EM & A report.



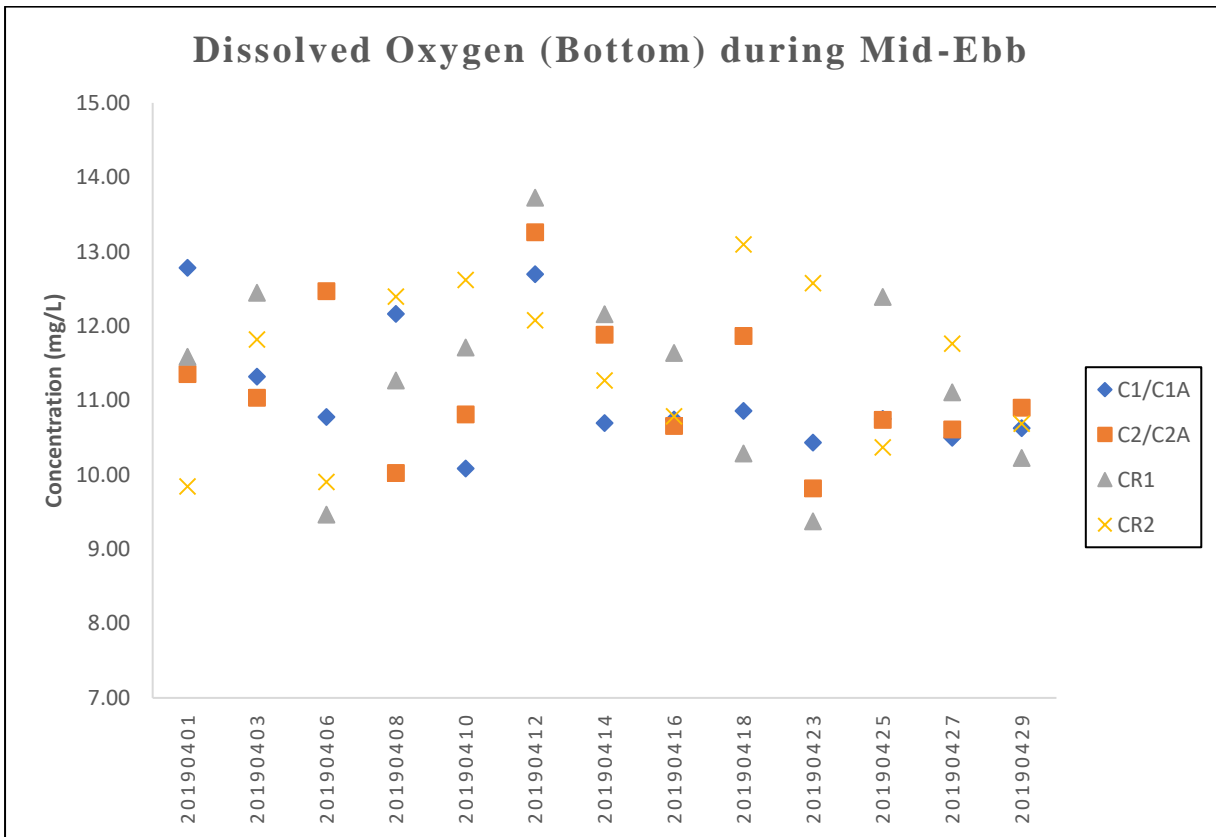
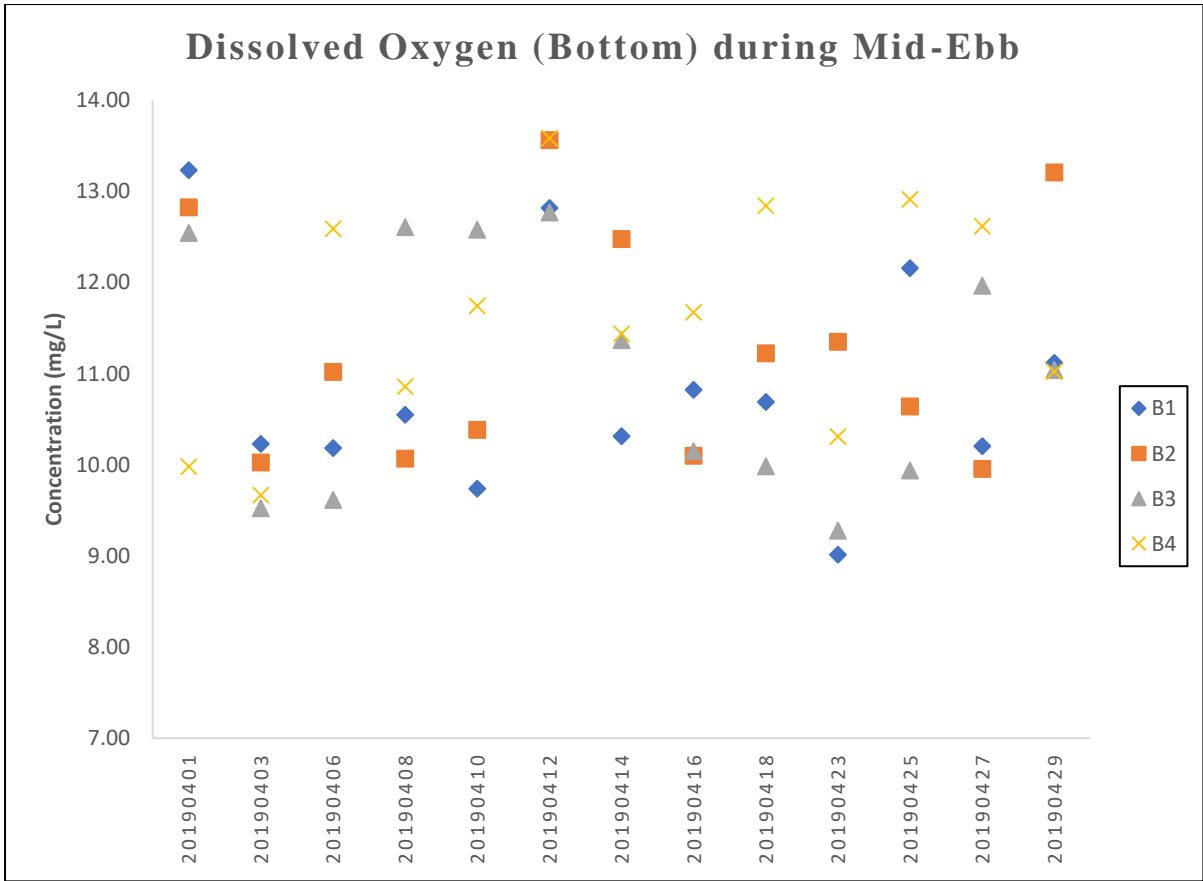
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.8** of the monthly EM & A report.



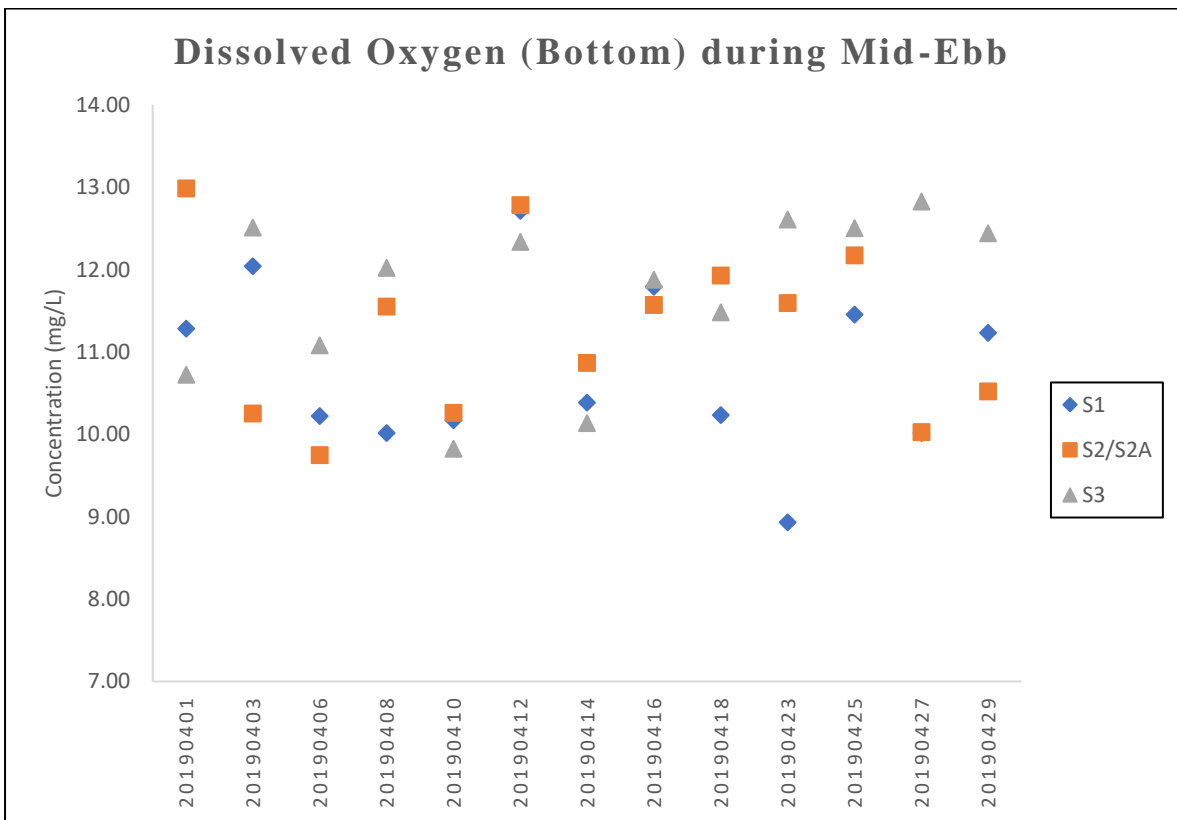
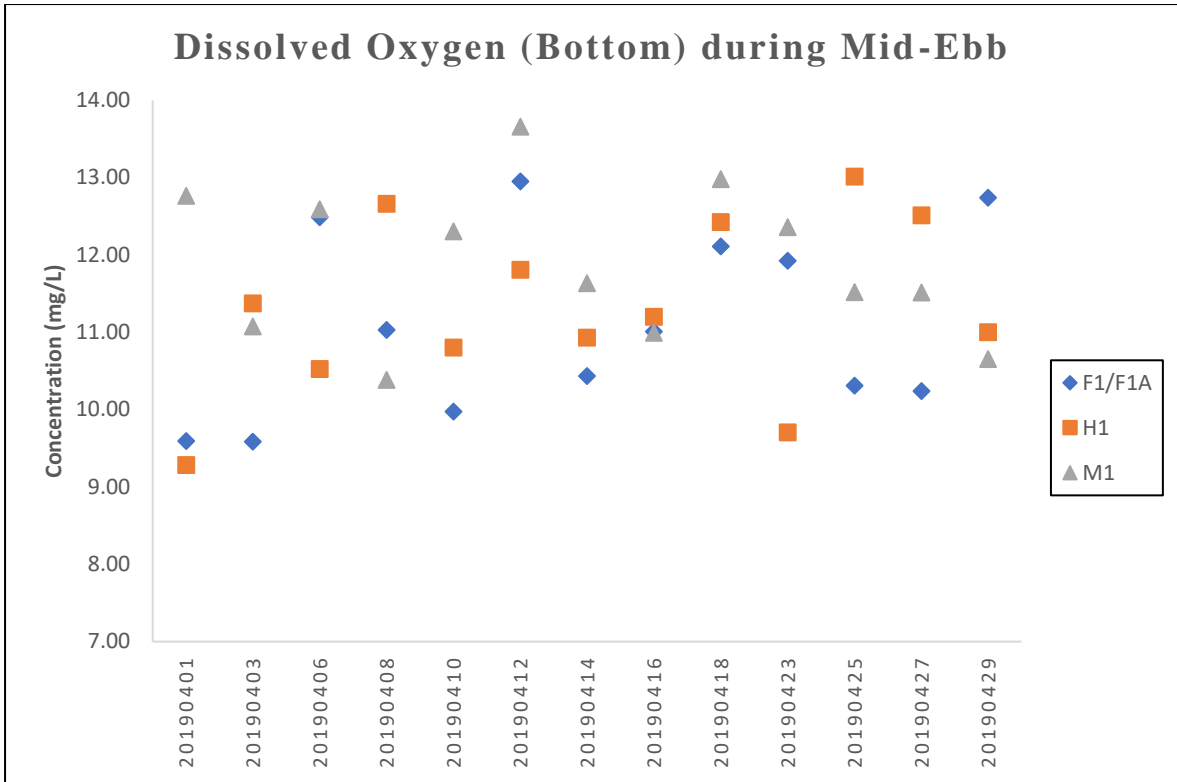
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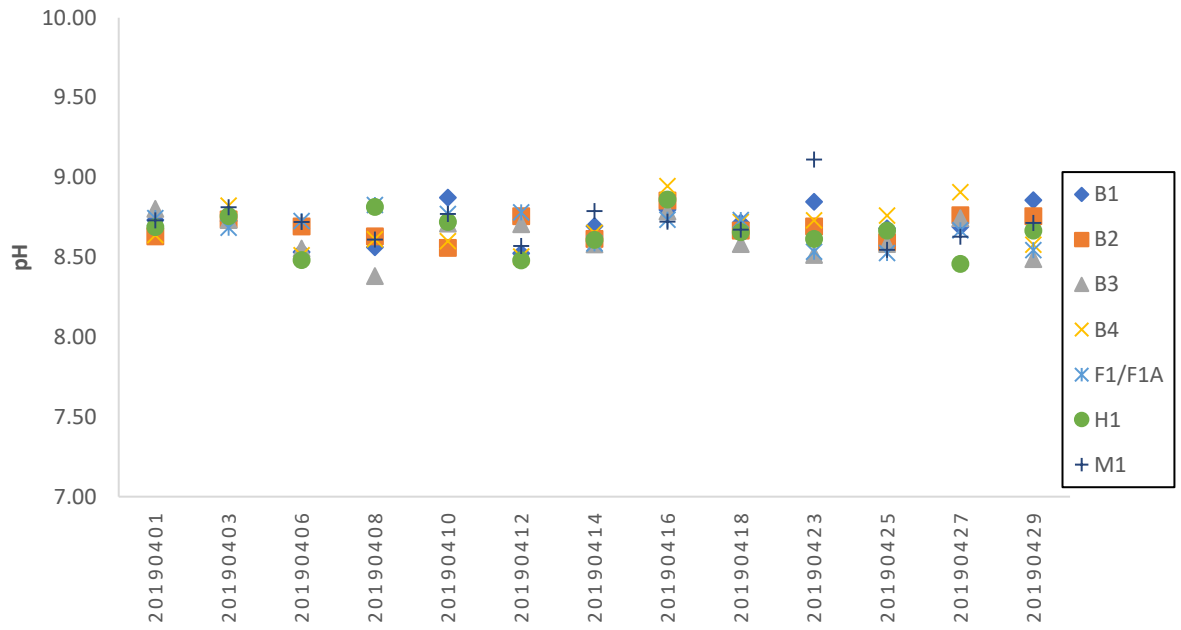


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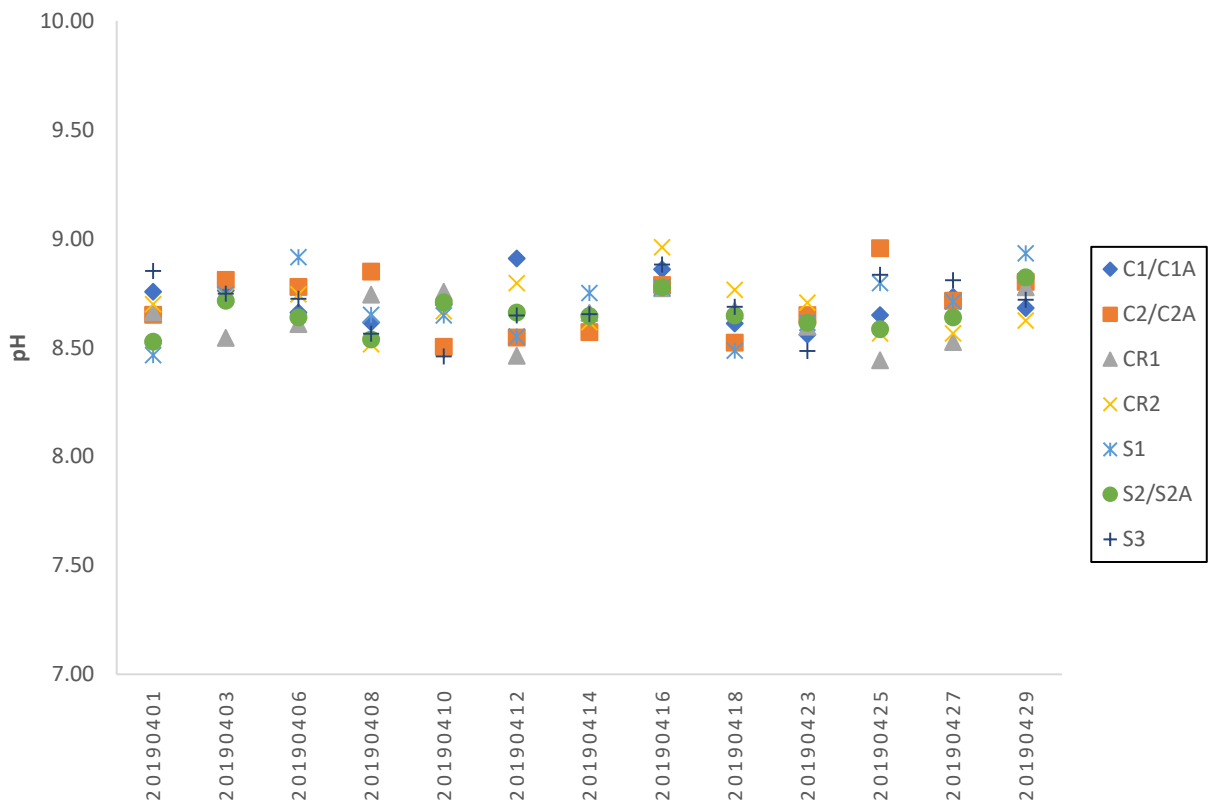


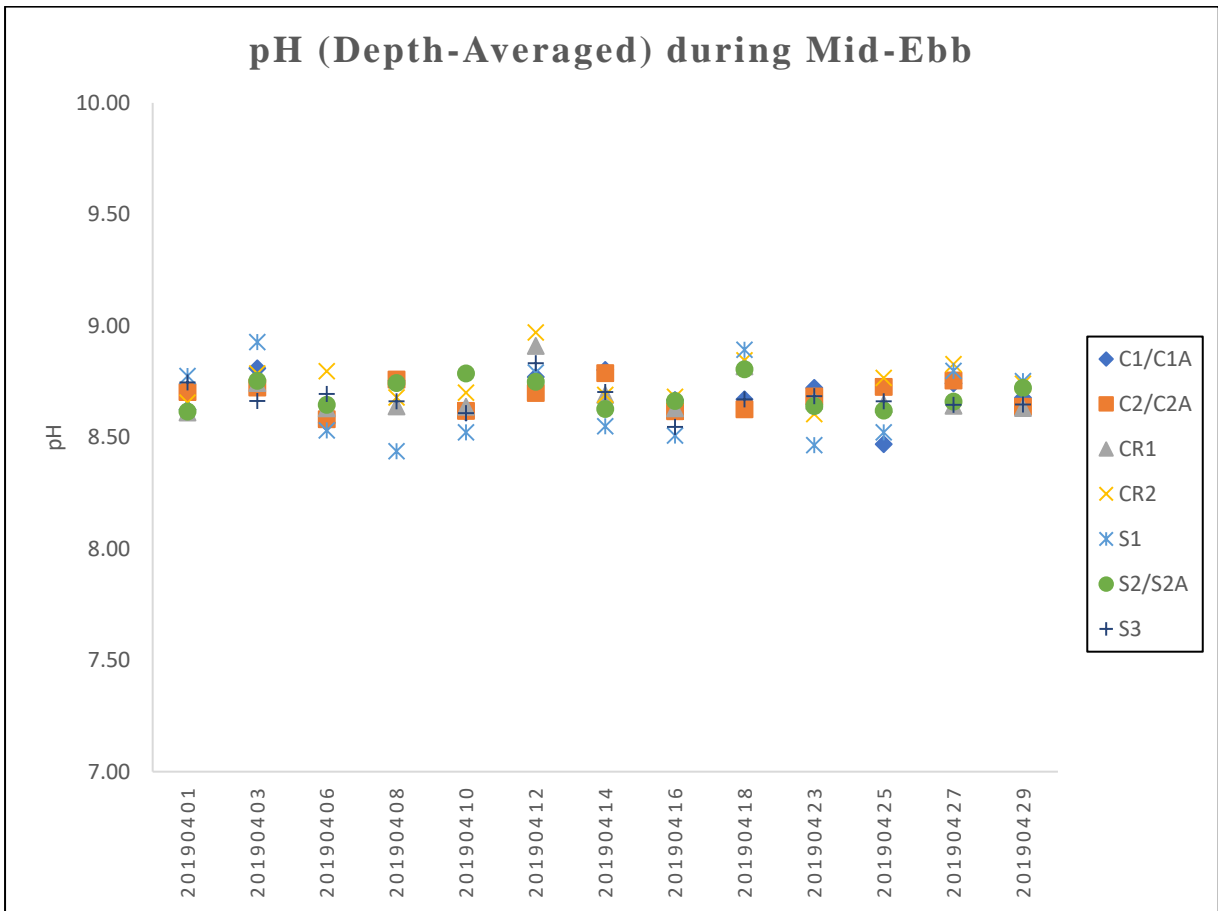
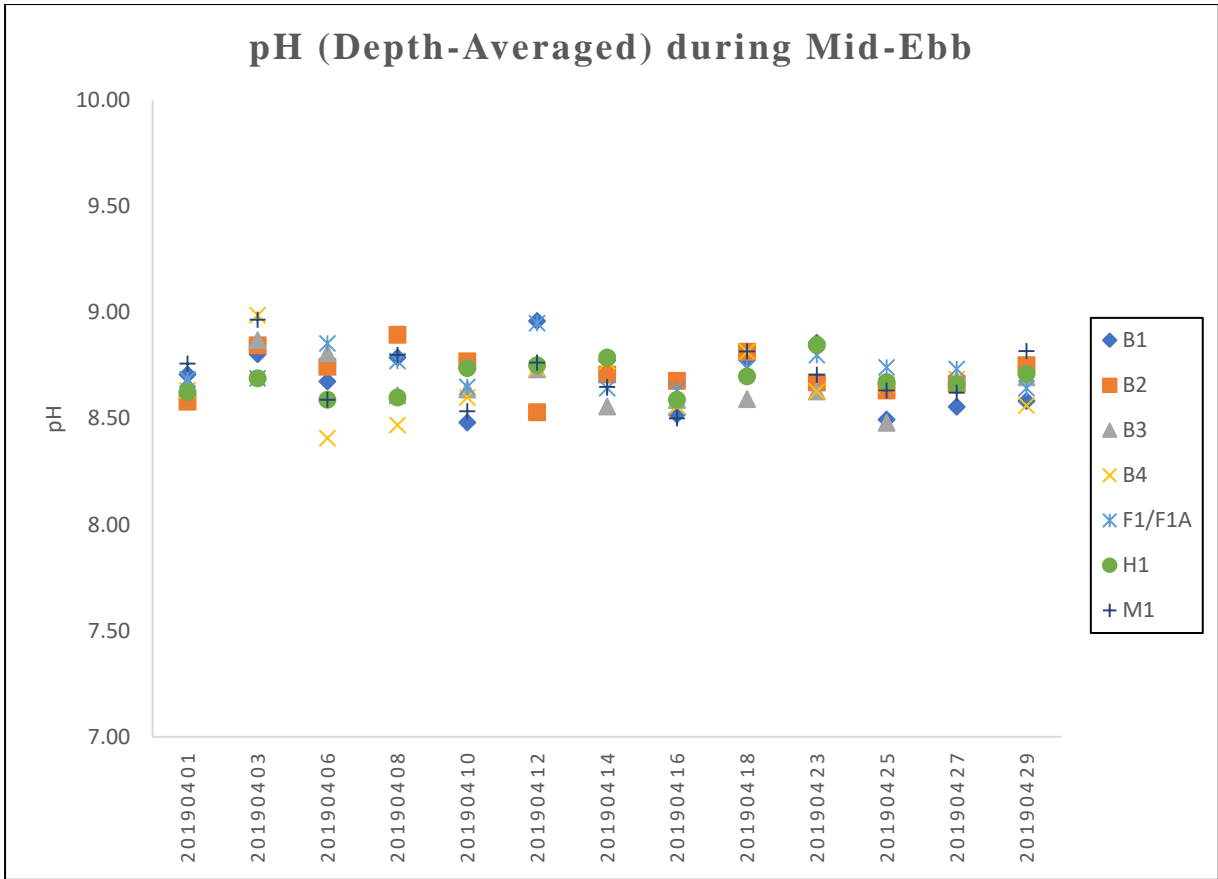
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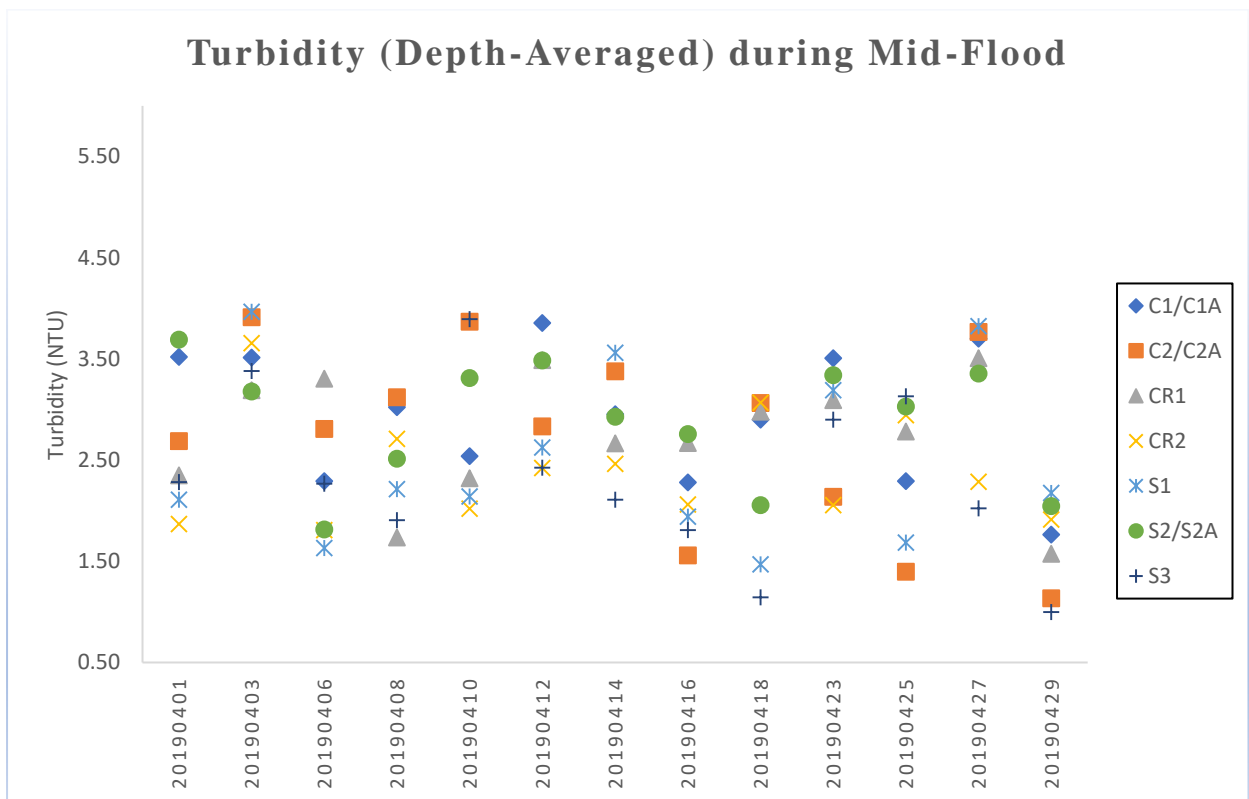
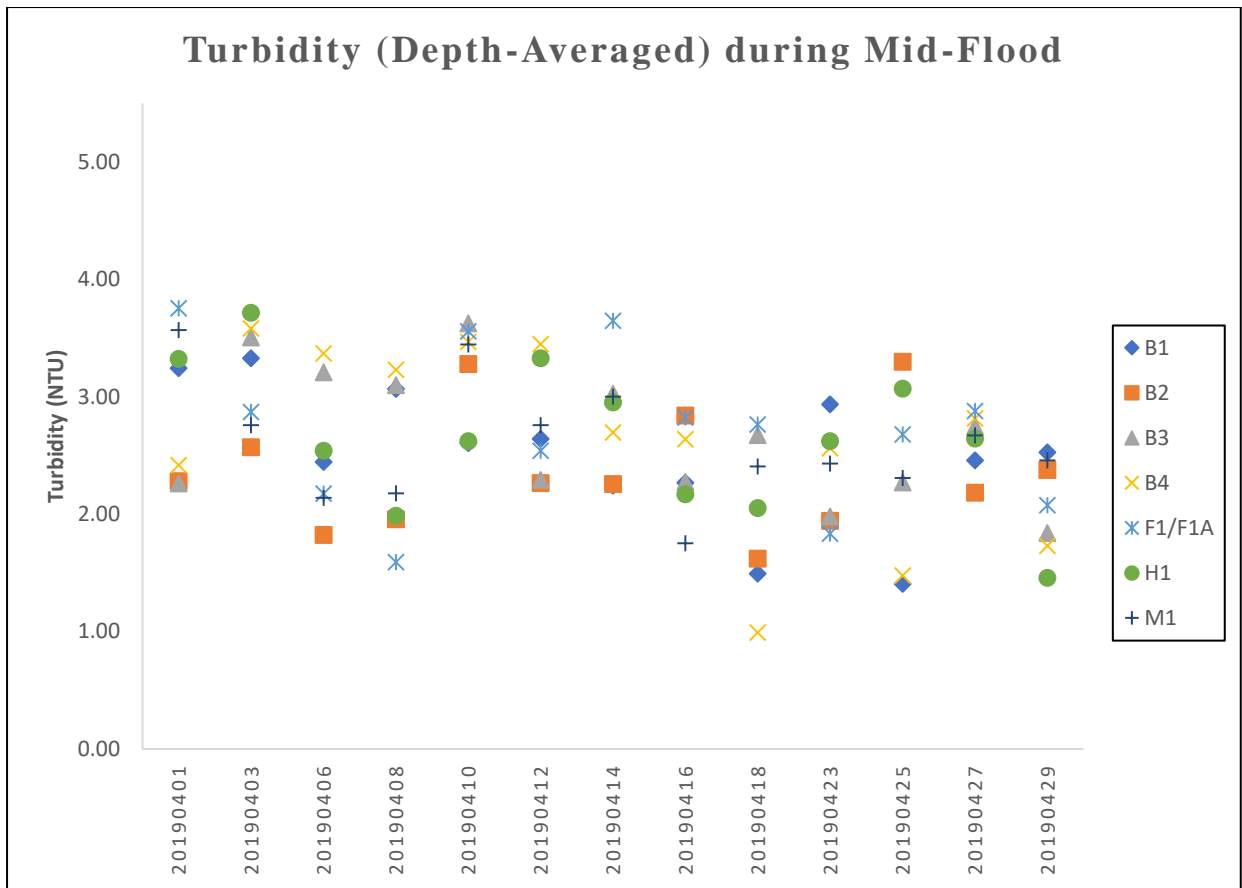
pH (Depth-Averaged) during Mid-Flood



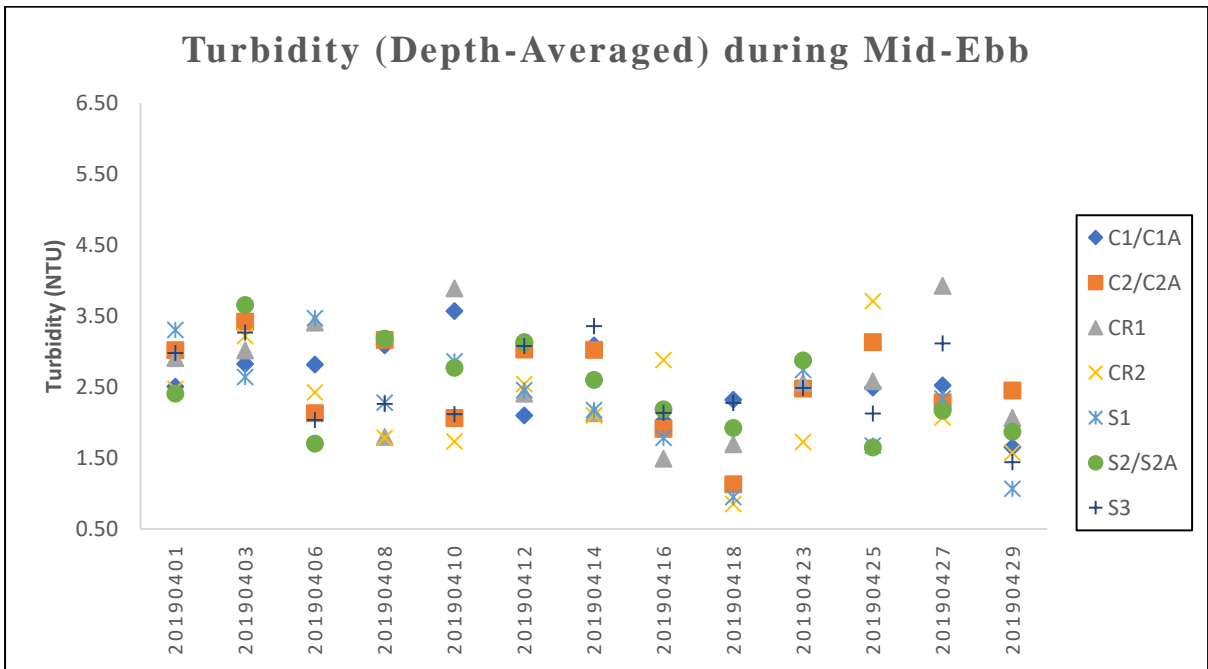
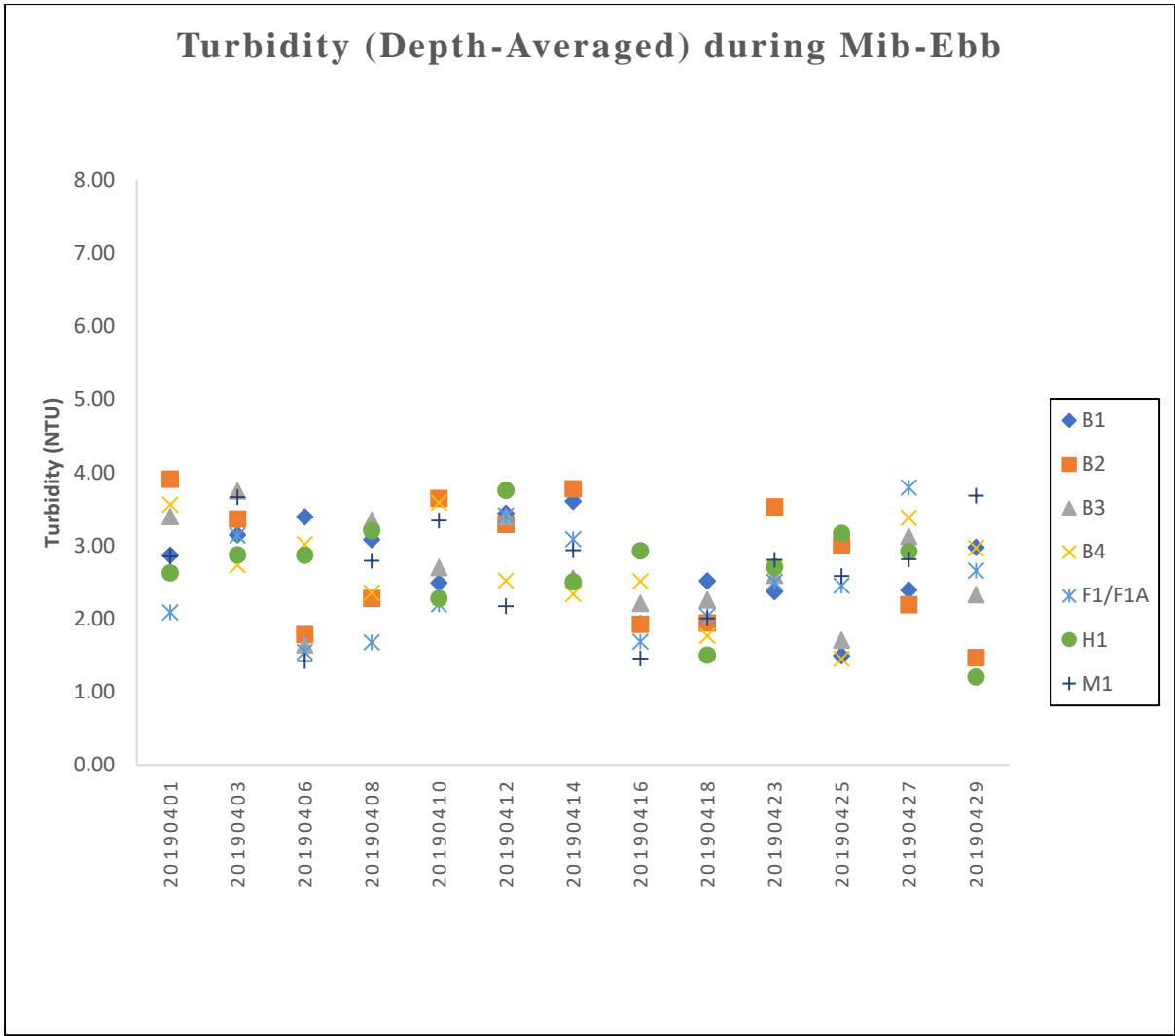
pH (Depth-Averaged) during Mid-Flood



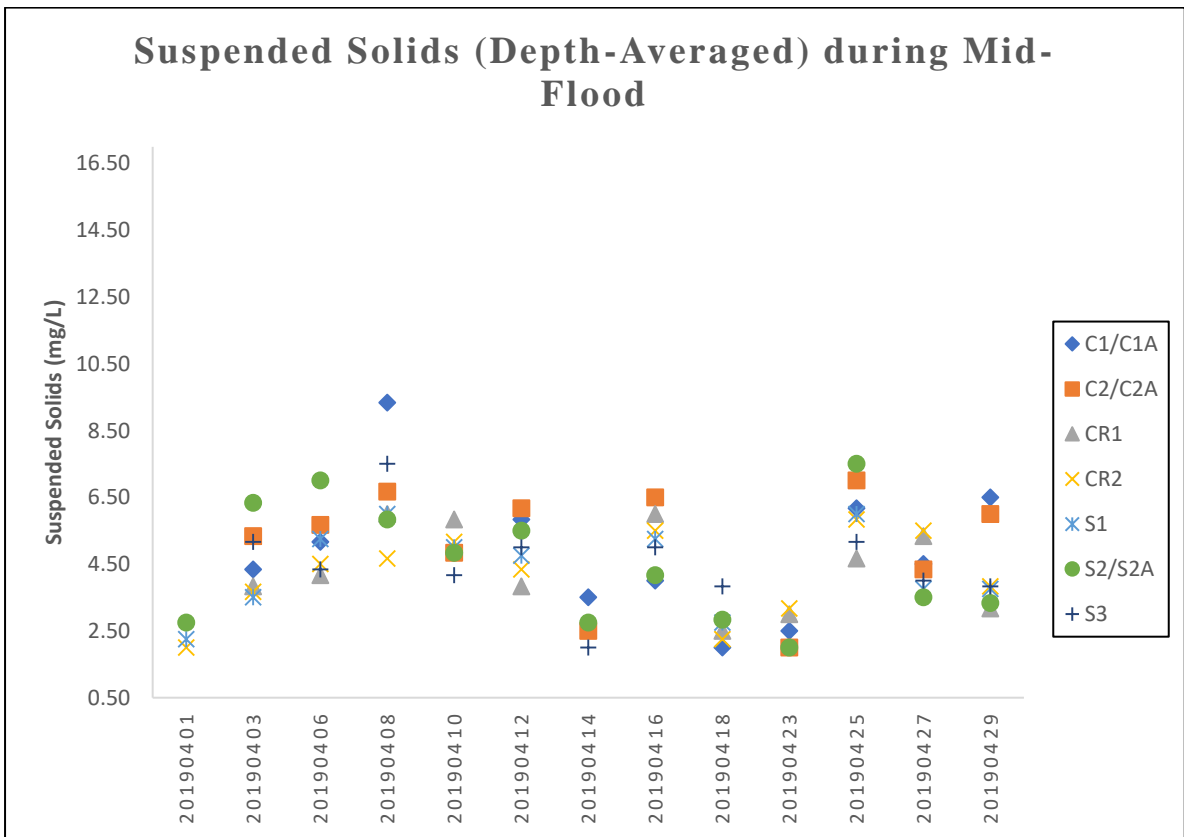
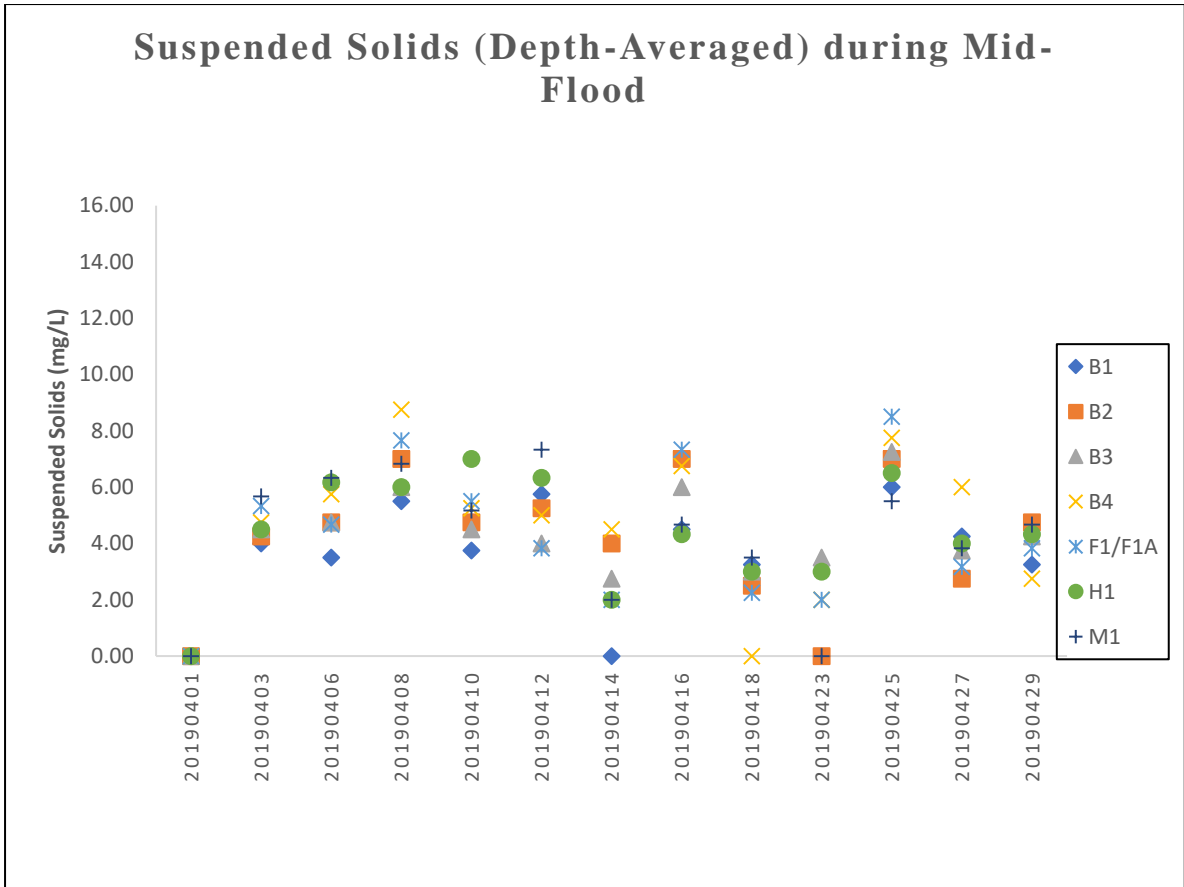




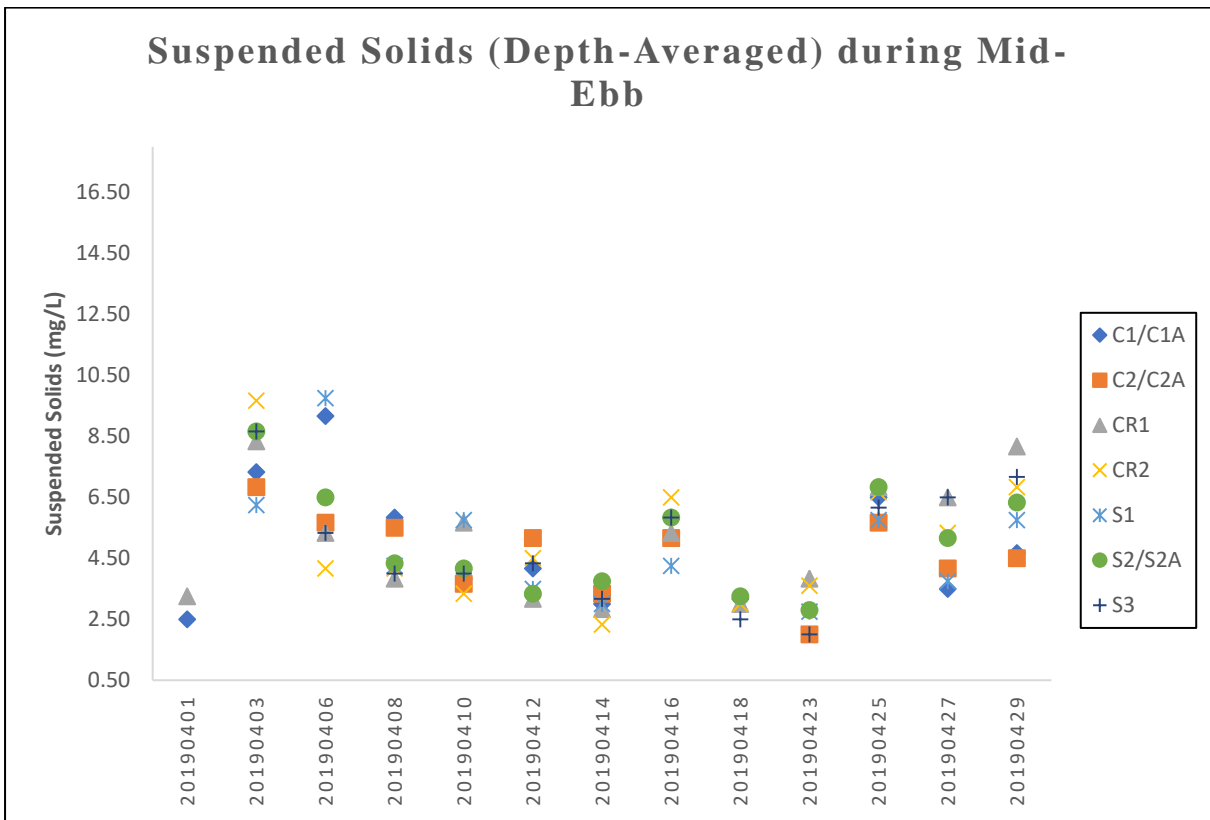
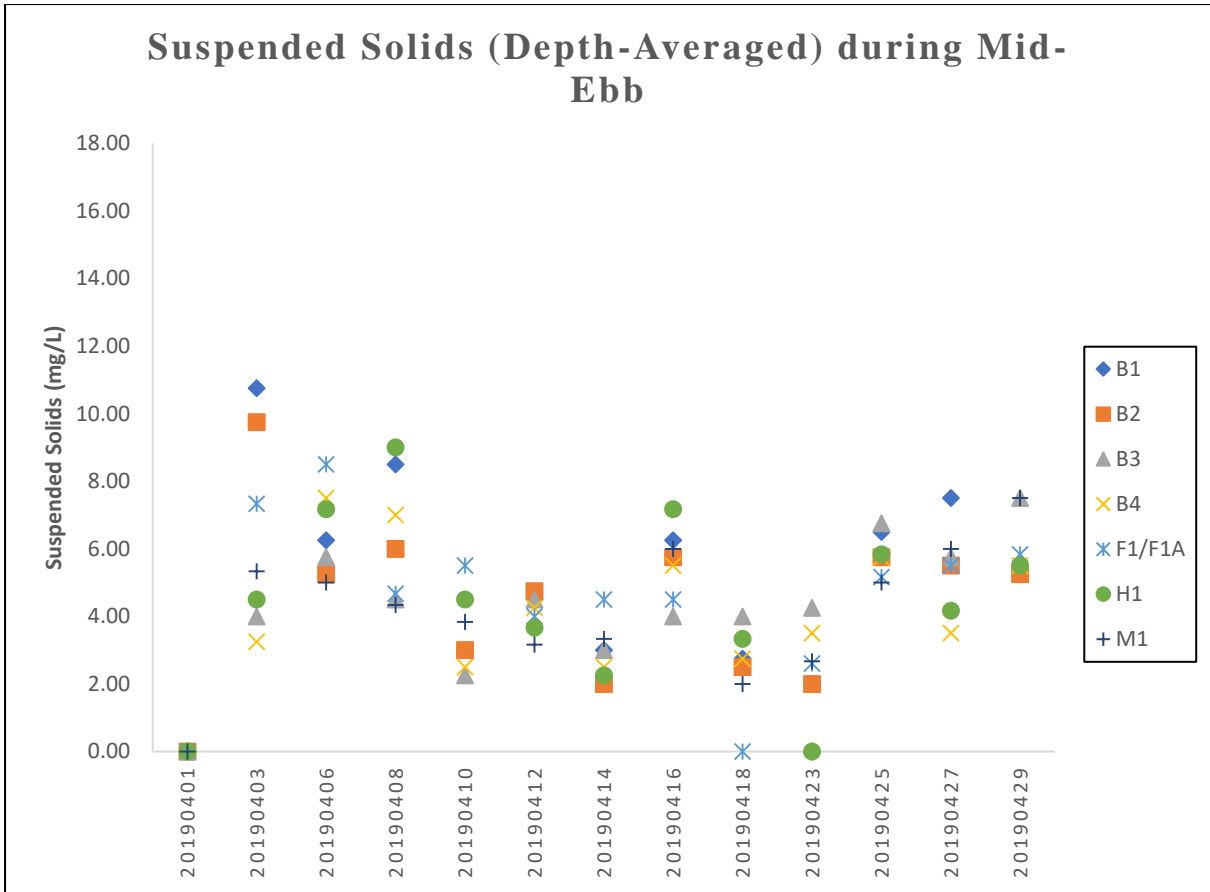
Note: The Action and Limit Level of turbidity can be referred to **Table 2.8** of the monthly EM & A report.



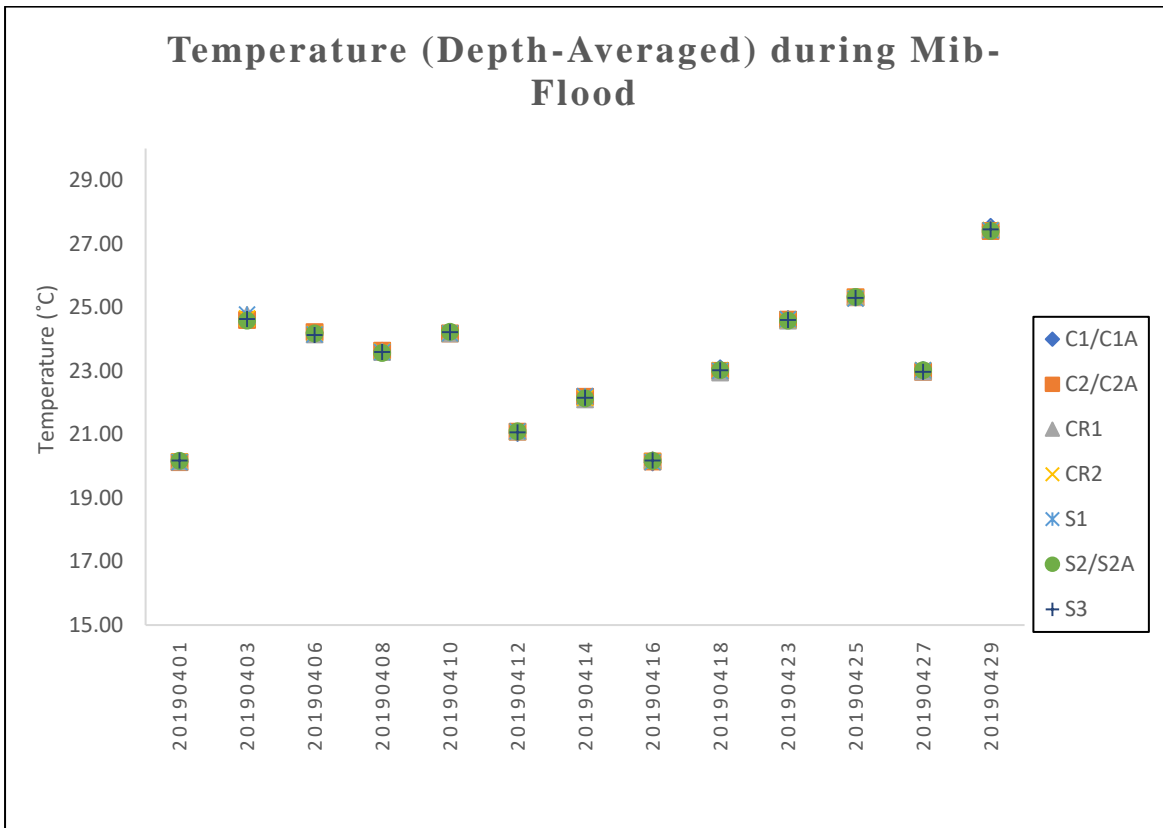
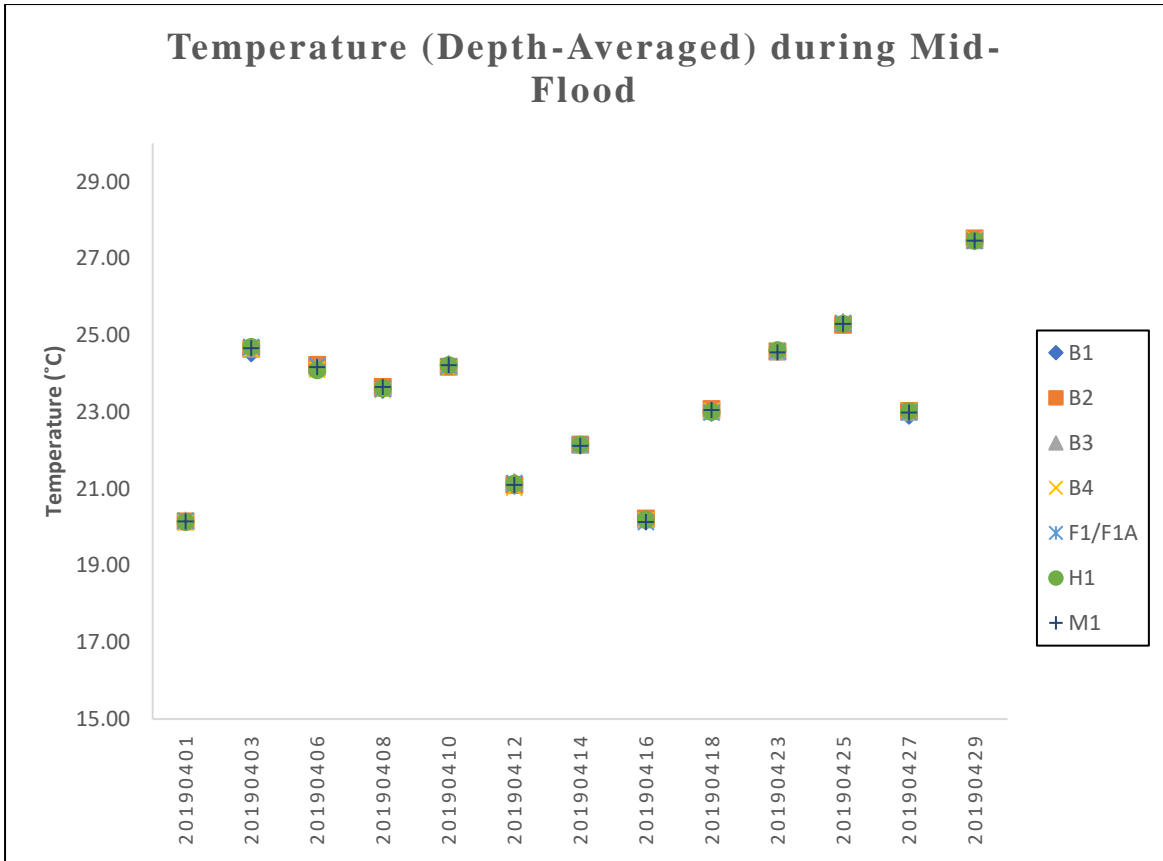
Note: The Action and Limit Level of turbidity can be referred to **Table 2.8** of the monthly EM & A report.



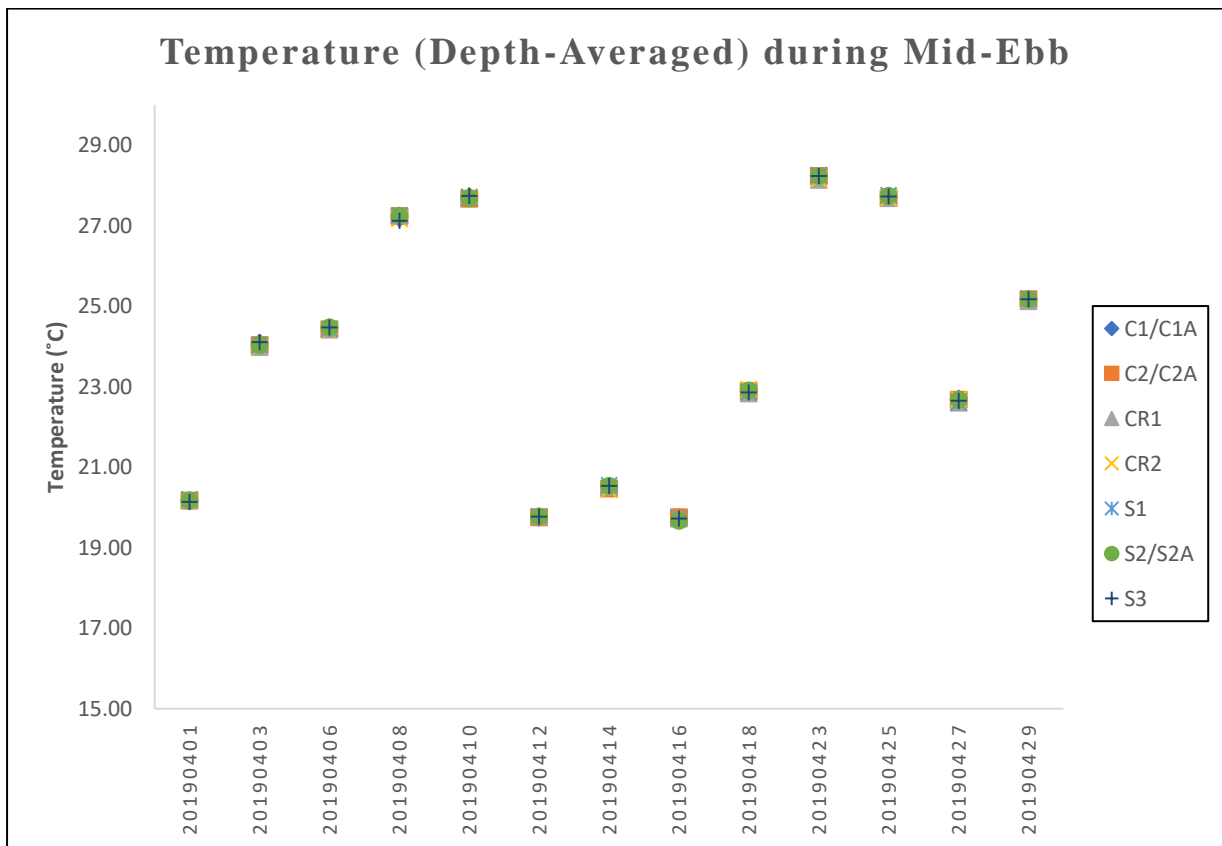
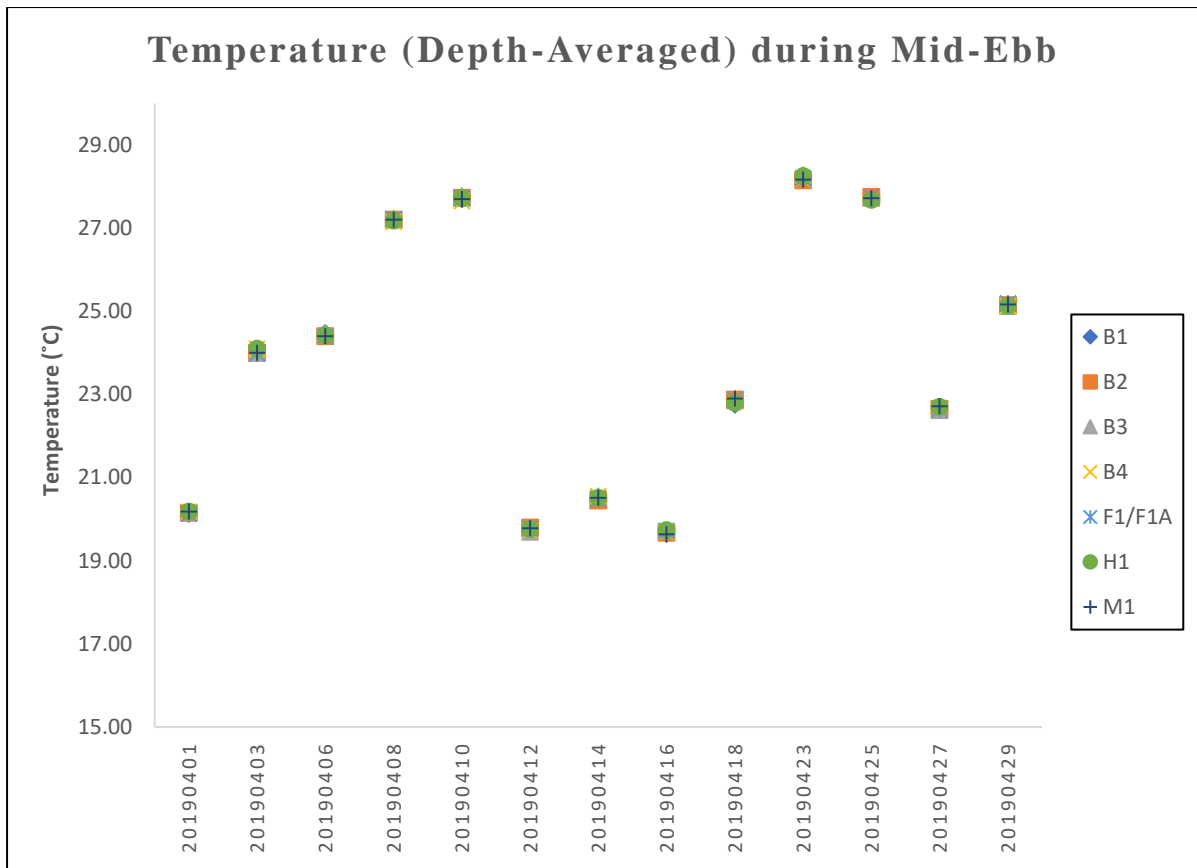
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.8** of the monthly EM & A report.



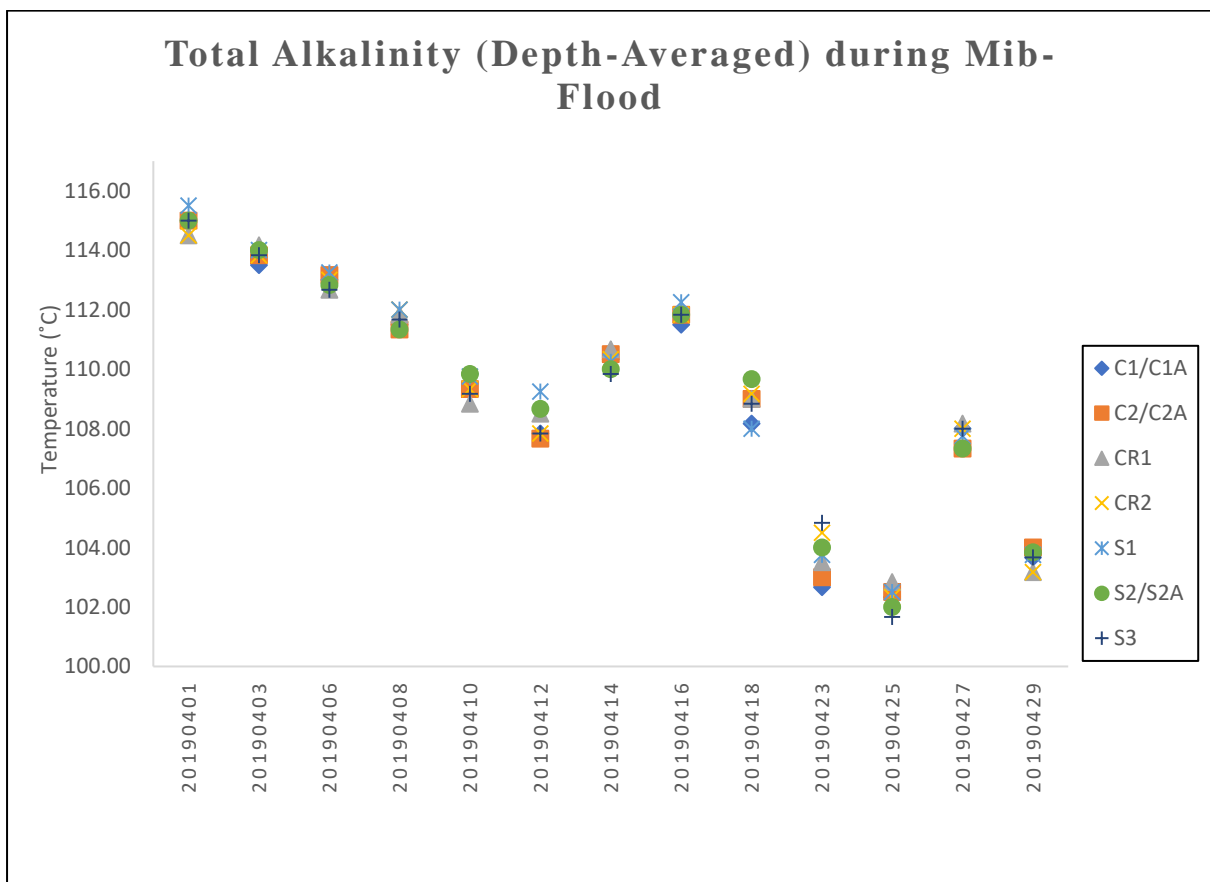
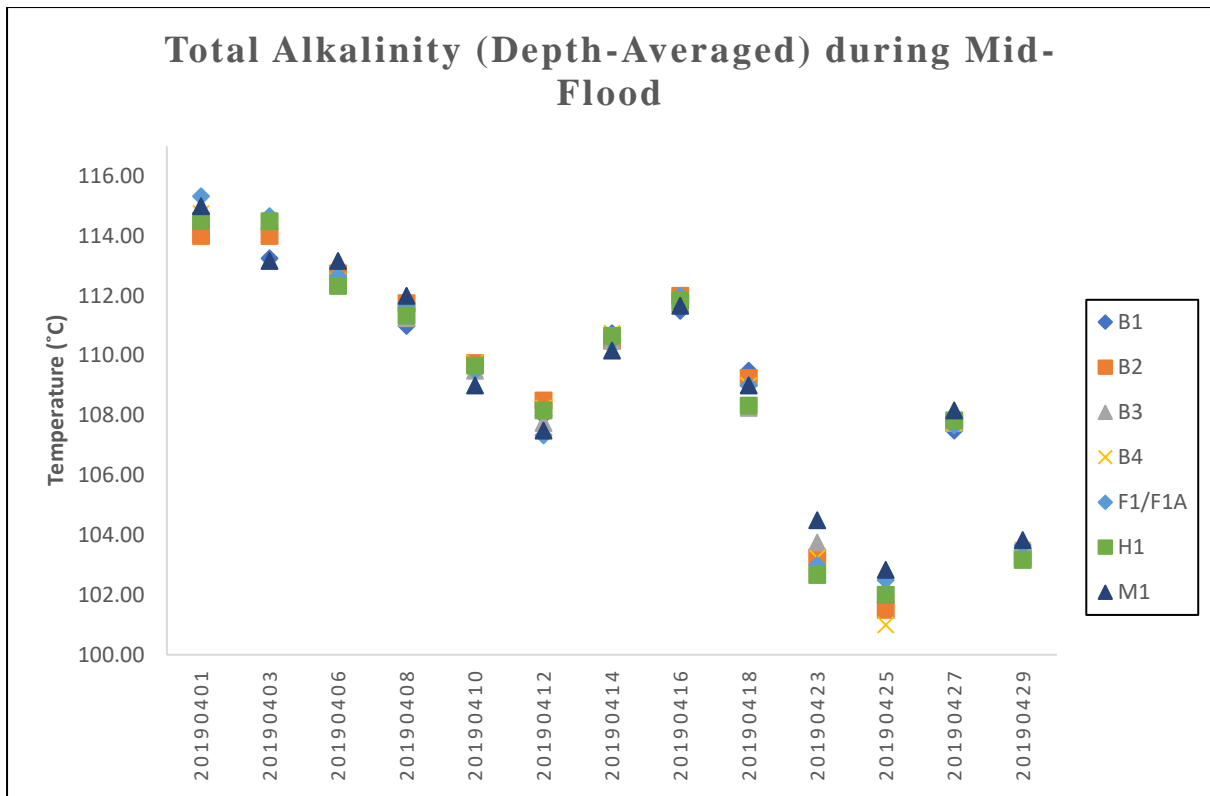
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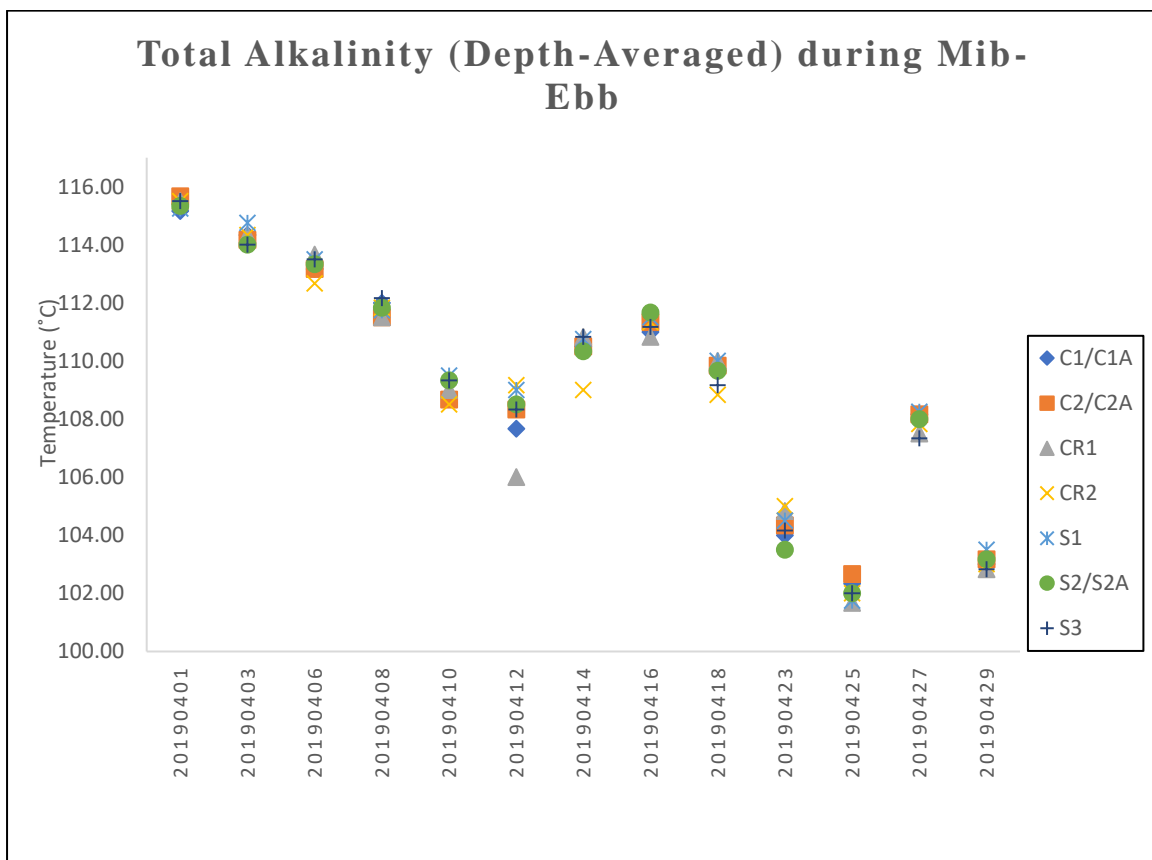
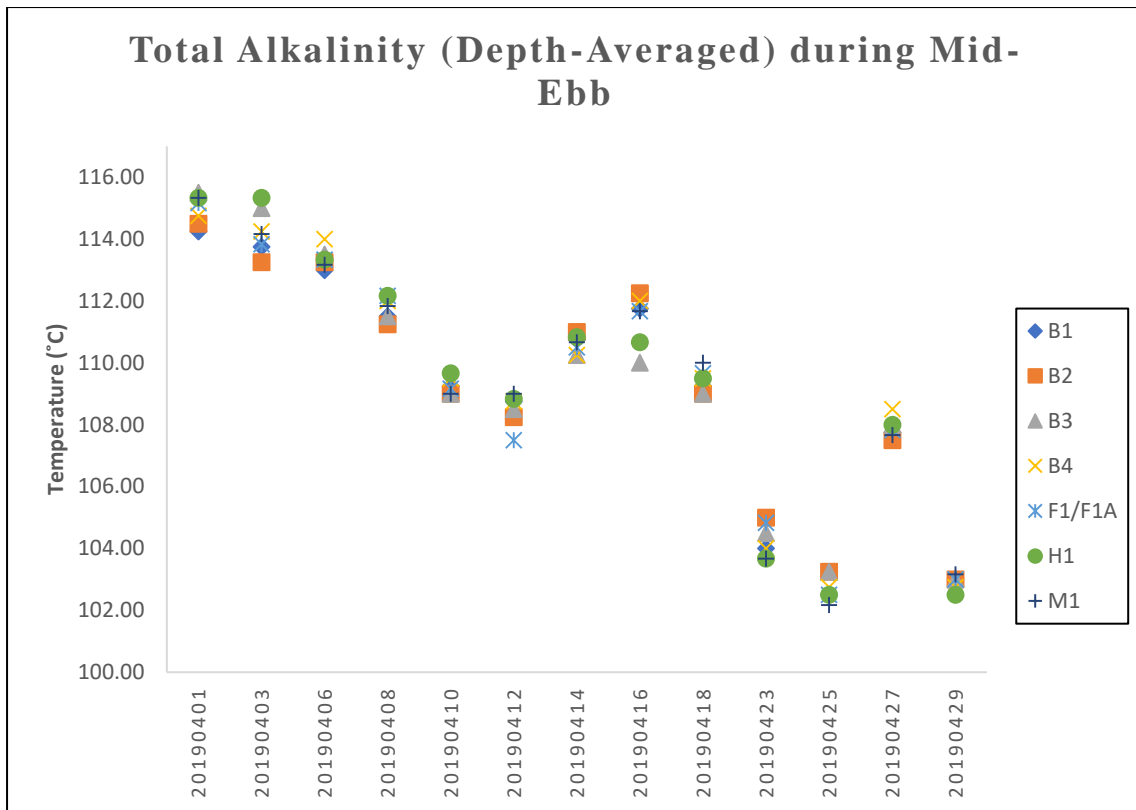
Note: The Action and Limit Level of temperature can be referred to **Table 2.8** of the monthly EM & A report.



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