

Appendix D Water Quality Monitoring Data

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
C1	20181203	Sunny	Light	Mid-Ebb	B	10.5	8:29	7.74	8	29.02	23.5	4.83	7	-	-	-
C1	20181203	Sunny	Light	Mid-Ebb	B	10.5	8:29	7.74	8.01	29.07	23.5	4.83	8	-	-	-
C1	20181203	Sunny	Light	Mid-Ebb	M	5.8	8:29	7.79	8.06	28.94	23.4	3.33	6	-	-	-
C1	20181203	Sunny	Light	Mid-Ebb	M	5.8	8:30	7.82	8.06	29.5	23.4	3.29	7	-	-	-
C1	20181203	Sunny	Light	Mid-Ebb	S	1	8:30	7.78	8.06	29.36	23.4	2.64	5	-	-	-
C1	20181203	Sunny	Light	Mid-Ebb	S	1	8:30	7.77	8	29.4	23.4	2.61	5	-	-	-
B1	20181203	Sunny	Light	Mid-Ebb	B	4.3	8:58	7.7	8.1	29.11	23.4	4.85	7	-	-	-
B1	20181203	Sunny	Light	Mid-Ebb	B	4.3	8:58	7.7	8.03	29.24	23.5	4.88	7	-	-	-
B1	20181203	Sunny	Light	Mid-Ebb	S	1	8:59	7.7	8.07	29.21	23.5	2.25	7	-	-	-
B1	20181203	Sunny	Light	Mid-Ebb	S	1	8:59	7.71	8.06	29.4	23.4	2.2	6	-	-	-
B2	20181203	Sunny	Light	Mid-Ebb	B	4.4	9:17	7.9	8.1	29	23.4	4.5	7	-	-	-
B2	20181203	Sunny	Light	Mid-Ebb	B	4.4	9:18	7.86	8.06	29.28	23.5	4.48	7	-	-	-
B2	20181203	Sunny	Light	Mid-Ebb	S	1	9:18	7.9	8.11	29.34	23.5	2.83	8	-	-	-
B2	20181203	Sunny	Light	Mid-Ebb	S	1	9:18	7.94	8	29.08	23.5	2.79	9	-	-	-
H1	20181203	Sunny	Light	Mid-Ebb	B	7.6	9:36	8.23	8.14	29.1	23.4	4.12	6	-	-	-
H1	20181203	Sunny	Light	Mid-Ebb	B	7.6	9:36	8.24	8.13	29.12	23.4	4.09	6	-	-	-
H1	20181203	Sunny	Light	Mid-Ebb	M	4.3	9:37	8.28	8.12	29.38	23.5	3.44	4	-	-	-
H1	20181203	Sunny	Light	Mid-Ebb	M	4.3	9:37	8.27	8.01	29.04	23.4	3.4	5	-	-	-
H1	20181203	Sunny	Light	Mid-Ebb	S	1	9:37	8.27	8.13	29.02	23.4	2.36	4	-	-	-
H1	20181203	Sunny	Light	Mid-Ebb	S	1	9:38	8.27	8.09	29.45	23.4	2.32	5	-	-	-
CR1	20181203	Sunny	Light	Mid-Ebb	B	7.4	9:51	8.22	8.09	29.09	23.5	4.17	6	-	-	-
CR1	20181203	Sunny	Light	Mid-Ebb	B	7.4	9:52	8.21	8.05	29.28	23.5	4.15	6	-	-	-
CR1	20181203	Sunny	Light	Mid-Ebb	M	4.2	9:52	8.16	8.12	29.45	23.5	3.16	6	-	-	-
CR1	20181203	Sunny	Light	Mid-Ebb	M	4.2	9:52	8.21	8.09	29.07	23.4	3.11	6	-	-	-
CR1	20181203	Sunny	Light	Mid-Ebb	S	1	9:53	8.26	8.15	29.06	23.4	2.79	6	-	-	-
CR1	20181203	Sunny	Light	Mid-Ebb	S	1	9:53	8.21	8.04	29.43	23.5	2.74	7	-	-	-
B3	20181203	Sunny	Light	Mid-Ebb	B	4.2	10:23	7.84	8.15	29.17	23.5	4.15	4	-	-	-
B3	20181203	Sunny	Light	Mid-Ebb	B	4.2	10:24	7.89	8.15	29.21	23.5	4.19	4	-	-	-
B3	20181203	Sunny	Light	Mid-Ebb	S	1	10:24	7.94	8.12	29.28	23.5	2.7	5	-	-	-
B3	20181203	Sunny	Light	Mid-Ebb	S	1	10:25	7.97	8.13	29.3	23.5	2.7	4	-	-	-

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
B4	20181203	Sunny	Light	Mid-Ebb	B	4.4	10:28	7.73	8.02	28.91	23.5	4.65	4	-	-	-
B4	20181203	Sunny	Light	Mid-Ebb	B	4.4	10:28	7.68	8.13	29.42	23.4	4.63	5	-	-	-
B4	20181203	Sunny	Light	Mid-Ebb	S	1	10:29	7.73	8.14	29.02	23.4	2.02	4	-	-	-
B4	20181203	Sunny	Light	Mid-Ebb	S	1	10:29	7.77	8.12	29.47	23.5	1.97	4	-	-	-
CR2	20181203	Sunny	Light	Mid-Ebb	B	7.5	10:48	7.66	8.14	29.03	23.5	4.7	6	-	-	-
CR2	20181203	Sunny	Light	Mid-Ebb	B	7.5	10:48	7.61	8.09	28.92	23.5	4.74	7	-	-	-
CR2	20181203	Sunny	Light	Mid-Ebb	M	4.3	10:48	7.64	8.13	29.15	23.5	3.61	6	-	-	-
CR2	20181203	Sunny	Light	Mid-Ebb	M	4.3	10:49	7.69	8.11	29.22	23.4	3.59	6	-	-	-
CR2	20181203	Sunny	Light	Mid-Ebb	S	1	10:49	7.72	8.07	29.17	23.5	2.21	6	-	-	-
CR2	20181203	Sunny	Light	Mid-Ebb	S	1	10:49	7.74	8.15	28.95	23.4	2.24	6	-	-	-
C2	20181203	Sunny	Light	Mid-Ebb	B	9.1	11:18	8	8.01	28.91	23.4	4.6	7	-	-	-
C2	20181203	Sunny	Light	Mid-Ebb	B	9.1	11:18	7.97	8.05	29.19	23.4	4.58	8	-	-	-
C2	20181203	Sunny	Light	Mid-Ebb	M	5.2	11:19	8	8.02	29.44	23.5	3.91	7	-	-	-
C2	20181203	Sunny	Light	Mid-Ebb	M	5.2	11:19	7.98	8.15	29.03	23.4	3.87	7	-	-	-
C2	20181203	Sunny	Light	Mid-Ebb	S	1	11:19	7.93	8.01	28.95	23.5	2.74	5	-	-	-
C2	20181203	Sunny	Light	Mid-Ebb	S	1	11:20	7.94	8.14	29.19	23.4	2.72	6	-	-	-
F1	20181203	Sunny	Light	Mid-Ebb	B	7.7	11:43	8.05	8.03	29.41	23.5	4.55	5	-	-	-
F1	20181203	Sunny	Light	Mid-Ebb	B	7.7	11:44	8.04	8	29.2	23.5	4.58	5	-	-	-
F1	20181203	Sunny	Light	Mid-Ebb	M	4.4	11:44	8.09	8	29.13	23.4	3.12	6	-	-	-
F1	20181203	Sunny	Light	Mid-Ebb	M	4.4	11:44	8.08	8.03	29.32	23.5	3.14	6	-	-	-
F1	20181203	Sunny	Light	Mid-Ebb	S	1	11:45	8.06	8.06	29.12	23.4	2.44	7	-	-	-
F1	20181203	Sunny	Light	Mid-Ebb	S	1	11:45	8.08	8.15	29.34	23.4	2.39	8	-	-	-
M1	20181203	Sunny	Light	Mid-Ebb	B	7.6	12:09	7.96	8.08	29.23	23.5	4.21	7	-	-	-
M1	20181203	Sunny	Light	Mid-Ebb	B	7.6	12:10	7.91	8.1	29.09	23.5	4.18	6	-	-	-
M1	20181203	Sunny	Light	Mid-Ebb	M	4.3	12:10	7.89	8.01	29.32	23.4	3.93	5	-	-	-
M1	20181203	Sunny	Light	Mid-Ebb	M	4.3	12:11	7.92	8.07	29.14	23.4	3.89	6	-	-	-
M1	20181203	Sunny	Light	Mid-Ebb	S	1	12:11	7.89	8.03	28.92	23.4	2.9	6	-	-	-
M1	20181203	Sunny	Light	Mid-Ebb	S	1	12:11	7.88	8.12	28.95	23.5	2.85	6	-	-	-
C2	20181203	Cloudy	Moderate	Mid-Flood	B	9.4	13:57	7.99	8.15	29.09	23.5	4.52	7	-	-	-
C2	20181203	Cloudy	Moderate	Mid-Flood	B	9.4	13:57	7.96	8.01	29.1	23.4	4.55	6	-	-	-

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
C2	20181203	Cloudy	Moderate	Mid-Flood	M	5.2	13:58	7.93	8	29.38	23.5	3.51	6	-	-	-
C2	20181203	Cloudy	Moderate	Mid-Flood	M	5.2	13:58	7.97	8	29.01	23.5	3.5	7	-	-	-
C2	20181203	Cloudy	Moderate	Mid-Flood	S	1	13:58	7.96	8.15	29.14	23.5	2.96	7	-	-	-
C2	20181203	Cloudy	Moderate	Mid-Flood	S	1	13:59	7.95	8.13	29.43	23.5	2.96	6	-	-	-
CR1	20181203	Cloudy	Moderate	Mid-Flood	B	7.9	14:13	8.03	8.1	28.95	23.5	4.21	8	-	-	-
CR1	20181203	Cloudy	Moderate	Mid-Flood	B	7.9	14:13	8.04	8.02	28.99	23.4	4.2	8	-	-	-
CR1	20181203	Cloudy	Moderate	Mid-Flood	M	4.5	14:14	8	8.08	29.15	23.5	3.2	8	-	-	-
CR1	20181203	Cloudy	Moderate	Mid-Flood	M	4.5	14:14	8.04	8.13	29.08	23.5	3.19	9	-	-	-
CR1	20181203	Cloudy	Moderate	Mid-Flood	S	1	14:15	8.06	8.06	29.38	23.4	2.95	6	-	-	-
CR1	20181203	Cloudy	Moderate	Mid-Flood	S	1	14:15	8.06	8	29.25	23.5	2.93	6	-	-	-
CR2	20181203	Cloudy	Moderate	Mid-Flood	B	7.8	14:19	8	8.15	28.99	23.4	4.64	7	-	-	-
CR2	20181203	Cloudy	Moderate	Mid-Flood	B	7.8	14:20	8.02	8.15	29.38	23.4	4.67	8	-	-	-
CR2	20181203	Cloudy	Moderate	Mid-Flood	M	4.4	14:20	8.01	8.02	29.44	23.4	3.57	7	-	-	-
CR2	20181203	Cloudy	Moderate	Mid-Flood	M	4.4	14:20	7.99	8.03	29.5	23.5	3.61	6	-	-	-
CR2	20181203	Cloudy	Moderate	Mid-Flood	S	1	14:21	7.95	8.12	28.91	23.5	2.57	6	-	-	-
CR2	20181203	Cloudy	Moderate	Mid-Flood	S	1	14:21	7.97	8.01	29.08	23.4	2.54	7	-	-	-
C1	20181203	Cloudy	Moderate	Mid-Flood	B	11.2	14:51	7.97	8.13	29	23.4	4.25	7	-	-	-
C1	20181203	Cloudy	Moderate	Mid-Flood	B	11.2	14:51	7.99	8.07	29.13	23.4	4.26	6	-	-	-
C1	20181203	Cloudy	Moderate	Mid-Flood	M	6.1	14:51	7.99	8.12	29.16	23.5	3.93	7	-	-	-
C1	20181203	Cloudy	Moderate	Mid-Flood	M	6.1	14:52	8.02	8.11	29.39	23.5	3.93	7	-	-	-
C1	20181203	Cloudy	Moderate	Mid-Flood	S	1	14:52	8.07	8.06	29.06	23.5	2.84	7	-	-	-
C1	20181203	Cloudy	Moderate	Mid-Flood	S	1	14:53	8.11	8.1	29.19	23.4	2.8	6	-	-	-
B1	20181203	Cloudy	Moderate	Mid-Flood	B	4.8	15:15	8.23	8	29.24	23.5	4.14	9	-	-	-
B1	20181203	Cloudy	Moderate	Mid-Flood	B	4.8	15:15	8.21	8	29.43	23.4	4.14	10	-	-	-
B1	20181203	Cloudy	Moderate	Mid-Flood	S	1	15:16	8.21	8.1	29.41	23.4	2.44	7	-	-	-
B1	20181203	Cloudy	Moderate	Mid-Flood	S	1	15:16	8.22	8.08	29.45	23.4	2.41	8	-	-	-
B2	20181203	Cloudy	Moderate	Mid-Flood	B	4.7	15:28	7.99	8.02	29.32	23.5	4.7	6	-	-	-
B2	20181203	Cloudy	Moderate	Mid-Flood	B	4.7	15:29	7.94	8.05	29.18	23.4	4.72	7	-	-	-
B2	20181203	Cloudy	Moderate	Mid-Flood	S	1	15:29	7.89	8.15	29.1	23.4	2.33	9	-	-	-
B2	20181203	Cloudy	Moderate	Mid-Flood	S	1	15:30	7.84	8.1	29.31	23.4	2.32	10	-	-	-

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
H1	20181203	Cloudy	Moderate	Mid-Flood	B	7.6	15:50	7.7	8.12	28.9	23.5	4.79	6	-	-	-
H1	20181203	Cloudy	Moderate	Mid-Flood	B	7.6	15:50	7.75	8.08	29.13	23.4	4.81	6	-	-	-
H1	20181203	Cloudy	Moderate	Mid-Flood	M	4.3	15:51	7.72	8.15	28.98	23.5	3.88	8	-	-	-
H1	20181203	Cloudy	Moderate	Mid-Flood	M	4.3	15:51	7.7	8.07	29.2	23.5	3.84	9	-	-	-
H1	20181203	Cloudy	Moderate	Mid-Flood	S	1	15:52	7.68	8.01	29.36	23.5	2.42	10	-	-	-
H1	20181203	Cloudy	Moderate	Mid-Flood	S	1	15:52	7.72	8.09	29.47	23.5	2.45	10	-	-	-
B3	20181203	Cloudy	Moderate	Mid-Flood	B	4.7	15:59	7.75	8.14	29.29	23.5	4.15	8	-	-	-
B3	20181203	Cloudy	Moderate	Mid-Flood	B	4.7	16:00	7.72	8.03	29.47	23.4	4.12	8	-	-	-
B3	20181203	Cloudy	Moderate	Mid-Flood	S	1	16:00	7.76	8.09	29.07	23.5	2.68	8	-	-	-
B3	20181203	Cloudy	Moderate	Mid-Flood	S	1	16:00	7.72	8.04	29.17	23.5	2.69	8	-	-	-
B4	20181203	Cloudy	Moderate	Mid-Flood	B	4.6	16:09	8.23	8.09	29.49	23.5	4.13	6	-	-	-
B4	20181203	Cloudy	Moderate	Mid-Flood	B	4.6	16:09	8.23	8.06	29.03	23.4	4.13	6	-	-	-
B4	20181203	Cloudy	Moderate	Mid-Flood	S	1	16:10	8.19	8.12	29.36	23.4	2.58	6	-	-	-
B4	20181203	Cloudy	Moderate	Mid-Flood	S	1	16:10	8.24	8.06	29.46	23.5	2.63	5	-	-	-
F1	20181203	Cloudy	Moderate	Mid-Flood	B	8	16:36	8.07	8.05	29.44	23.5	4.84	9	-	-	-
F1	20181203	Cloudy	Moderate	Mid-Flood	B	8	16:37	8.12	8.08	29.14	23.4	4.87	9	-	-	-
F1	20181203	Cloudy	Moderate	Mid-Flood	M	4.5	16:37	8.09	8.1	29.33	23.4	3.06	8	-	-	-
F1	20181203	Cloudy	Moderate	Mid-Flood	M	4.5	16:38	8.06	8.03	29.04	23.5	3.04	9	-	-	-
F1	20181203	Cloudy	Moderate	Mid-Flood	S	1	16:38	8.01	8.1	29.07	23.5	2.57	6	-	-	-
F1	20181203	Cloudy	Moderate	Mid-Flood	S	1	16:38	8.05	8.13	28.98	23.4	2.55	7	-	-	-
M1	20181203	Cloudy	Moderate	Mid-Flood	B	8.1	17:06	8.23	8	29.41	23.4	4.26	6	-	-	-
M1	20181203	Cloudy	Moderate	Mid-Flood	B	8.1	17:06	8.22	8.01	29.32	23.4	4.21	6	-	-	-
M1	20181203	Cloudy	Moderate	Mid-Flood	M	4.6	17:06	8.2	8.14	29.5	23.4	3.62	6	-	-	-
M1	20181203	Cloudy	Moderate	Mid-Flood	M	4.6	17:07	8.2	8.06	29.35	23.5	3.57	8	-	-	-
M1	20181203	Cloudy	Moderate	Mid-Flood	S	1	17:07	8.24	8.06	28.91	23.5	2.41	8	-	-	-
M1	20181203	Cloudy	Moderate	Mid-Flood	S	1	17:08	8.25	8.14	29.22	23.4	2.41	5	-	-	-
C1	20181205	Cloudy	Moderate	Mid-Ebb	B	10.6	9:32	8.49	8.1	30.2	22.9	4.85	8	-	-	-
C1	20181205	Cloudy	Moderate	Mid-Ebb	B	10.6	9:32	8.54	8.07	29.95	22.9	4.85	7	-	-	-
C1	20181205	Cloudy	Moderate	Mid-Ebb	M	5.8	9:32	8.59	8.04	29.88	22.9	3.61	7	-	-	-
C1	20181205	Cloudy	Moderate	Mid-Ebb	M	5.8	9:33	8.56	8.12	29.89	22.9	3.63	6	-	-	-

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Baseline Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
C1	20181205	Cloudy	Moderate	Mid-Ebb	S	1	9:33	8.56	8.13	30.43	22.9	2.76	6	-	-	-
C1	20181205	Cloudy	Moderate	Mid-Ebb	S	1	9:33	8.52	8.13	29.91	22.9	2.73	4	-	-	-
B1	20181205	Cloudy	Moderate	Mid-Ebb	B	4.4	9:55	8.07	8.07	29.85	22.9	4.01	7	-	-	-
B1	20181205	Cloudy	Moderate	Mid-Ebb	B	4.4	9:55	8.09	8.05	30.18	22.8	3.96	6	-	-	-
B1	20181205	Cloudy	Moderate	Mid-Ebb	S	1	9:55	8.05	8.08	30.45	22.8	2.94	9	-	-	-
B1	20181205	Cloudy	Moderate	Mid-Ebb	S	1	9:56	8.01	8.02	30.04	22.9	2.95	8	-	-	-
B2	20181205	Cloudy	Moderate	Mid-Ebb	B	4.2	10:11	8.58	8.12	30.17	22.8	4.53	8	-	-	-
B2	20181205	Cloudy	Moderate	Mid-Ebb	B	4.2	10:11	8.56	8.07	29.98	22.9	4.56	8	-	-	-
B2	20181205	Cloudy	Moderate	Mid-Ebb	S	1	10:12	8.57	8	30.15	22.9	2.35	7	-	-	-
B2	20181205	Cloudy	Moderate	Mid-Ebb	S	1	10:12	8.56	8.12	30.24	22.8	2.31	8	-	-	-
H1	20181205	Cloudy	Moderate	Mid-Ebb	B	7.7	10:32	7.92	8.04	30.49	22.8	4.4	7	-	-	-
H1	20181205	Cloudy	Moderate	Mid-Ebb	B	7.7	10:32	7.87	8.05	30.03	22.9	4.36	7	-	-	-
H1	20181205	Cloudy	Moderate	Mid-Ebb	M	4.4	10:32	7.83	8.04	30.49	22.8	3.23	8	-	-	-
H1	20181205	Cloudy	Moderate	Mid-Ebb	M	4.4	10:33	7.79	8.02	30.11	22.8	3.18	7	-	-	-
H1	20181205	Cloudy	Moderate	Mid-Ebb	S	1	10:33	7.82	8.06	30.32	22.8	2.69	9	-	-	-
H1	20181205	Cloudy	Moderate	Mid-Ebb	S	1	10:33	7.82	8.15	29.95	22.8	2.65	8	-	-	-
CR2	20181205	Cloudy	Moderate	Mid-Ebb	B	7.6	11:03	8.28	8.05	30.04	22.9	4.08	5	-	-	-
CR2	20181205	Cloudy	Moderate	Mid-Ebb	B	7.6	11:03	8.33	8.12	30.34	22.9	4.12	6	-	-	-
CR2	20181205	Cloudy	Moderate	Mid-Ebb	M	4.3	11:04	8.3	8.01	29.93	22.9	3.54	6	-	-	-
CR2	20181205	Cloudy	Moderate	Mid-Ebb	M	4.3	11:04	8.27	8.15	30.22	22.9	3.54	6	-	-	-
CR2	20181205	Cloudy	Moderate	Mid-Ebb	S	1	11:04	8.3	8.07	30.49	22.9	2.7	4	-	-	-
CR2	20181205	Cloudy	Moderate	Mid-Ebb	S	1	11:05	8.3	8.13	29.89	22.8	2.71	5	-	-	-
CR1	20181205	Cloudy	Moderate	Mid-Ebb	B	7.4	11:23	8.4	8.01	29.88	22.9	4.73	8	-	-	-
CR1	20181205	Cloudy	Moderate	Mid-Ebb	B	7.4	11:24	8.44	8.06	29.96	22.8	4.74	8	-	-	-
CR1	20181205	Cloudy	Moderate	Mid-Ebb	M	4.2	11:24	8.39	8	30.35	22.9	3.2	10	-	-	-
CR1	20181205	Cloudy	Moderate	Mid-Ebb	M	4.2	11:24	8.41	8.12	29.83	22.8	3.24	9	-	-	-
CR1	20181205	Cloudy	Moderate	Mid-Ebb	S	1	11:25	8.42	8.07	30.41	22.8	2.75	9	-	-	-
CR1	20181205	Cloudy	Moderate	Mid-Ebb	S	1	11:25	8.41	8.04	30.02	22.9	2.78	9	-	-	-
B3	20181205	Cloudy	Moderate	Mid-Ebb	B	4.3	11:46	8.39	8.13	30.27	22.9	4.23	8	-	-	-
B3	20181205	Cloudy	Moderate	Mid-Ebb	B	4.3	11:47	8.36	8.04	29.99	22.9	4.28	8	-	-	-

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
B3	20181205	Cloudy	Moderate	Mid-Ebb	S	1	11:47	8.34	8.06	30.34	22.9	2.39	11	-	-	-
B3	20181205	Cloudy	Moderate	Mid-Ebb	S	1	11:48	8.36	8.14	30.3	22.8	2.37	10	-	-	-
B4	20181205	Cloudy	Moderate	Mid-Ebb	B	4.2	11:53	8.01	8.08	30.39	22.9	4.64	9	-	-	-
B4	20181205	Cloudy	Moderate	Mid-Ebb	B	4.2	11:53	8.05	8.05	29.93	22.8	4.68	9	-	-	-
B4	20181205	Cloudy	Moderate	Mid-Ebb	S	1	11:54	8	8.06	30.06	22.9	2.48	8	-	-	-
B4	20181205	Cloudy	Moderate	Mid-Ebb	S	1	11:54	8.04	8.11	29.87	22.9	2.49	9	-	-	-
C2	20181205	Cloudy	Moderate	Mid-Ebb	B	9.4	12:04	7.97	8.15	30	22.9	4.81	11	-	-	-
C2	20181205	Cloudy	Moderate	Mid-Ebb	B	9.4	12:04	7.92	8	29.88	22.9	4.79	10	-	-	-
C2	20181205	Cloudy	Moderate	Mid-Ebb	M	5.2	12:04	7.88	8.03	30.22	22.9	3.67	10	-	-	-
C2	20181205	Cloudy	Moderate	Mid-Ebb	M	5.2	12:05	7.91	8.13	29.97	22.9	3.72	9	-	-	-
C2	20181205	Cloudy	Moderate	Mid-Ebb	S	1	12:05	7.95	8.12	30.07	22.8	2.17	10	-	-	-
C2	20181205	Cloudy	Moderate	Mid-Ebb	S	1	12:05	7.97	8.11	29.98	22.9	2.12	9	-	-	-
F1	20181205	Cloudy	Moderate	Mid-Ebb	B	7.8	12:27	8.12	8.03	30.21	22.8	4.48	9	-	-	-
F1	20181205	Cloudy	Moderate	Mid-Ebb	B	7.8	12:27	8.17	8.09	30.46	22.8	4.44	10	-	-	-
F1	20181205	Cloudy	Moderate	Mid-Ebb	M	4.4	12:28	8.17	8.12	30.21	22.8	3.12	7	-	-	-
F1	20181205	Cloudy	Moderate	Mid-Ebb	M	4.4	12:28	8.15	8.15	30.11	22.8	3.11	7	-	-	-
F1	20181205	Cloudy	Moderate	Mid-Ebb	S	1	12:28	8.11	8.15	30.24	22.8	2.35	6	-	-	-
F1	20181205	Cloudy	Moderate	Mid-Ebb	S	1	12:29	8.1	8.07	30.5	22.9	2.4	6	-	-	-
M1	20181205	Cloudy	Moderate	Mid-Ebb	B	7.5	12:54	8.6	8.08	30.28	22.8	4.08	12	-	-	-
M1	20181205	Cloudy	Moderate	Mid-Ebb	B	7.5	12:55	8.6	8.06	29.86	22.8	4.12	12	-	-	-
M1	20181205	Cloudy	Moderate	Mid-Ebb	M	4.3	12:55	8.59	8.13	30.05	22.9	3.82	10	-	-	-
M1	20181205	Cloudy	Moderate	Mid-Ebb	M	4.3	12:55	8.62	8.09	30.12	22.8	3.8	11	-	-	-
M1	20181205	Cloudy	Moderate	Mid-Ebb	S	1	12:56	8.63	8.08	30.33	22.8	2.15	9	-	-	-
M1	20181205	Cloudy	Moderate	Mid-Ebb	S	1	12:56	8.62	8.13	29.86	22.9	2.14	10	-	-	-
C2	20181205	Cloudy	Moderate	Mid-Flood	B	9.3	15:08	8.55	8.13	29.95	22.8	4.76	8	-	-	-
C2	20181205	Cloudy	Moderate	Mid-Flood	B	9.3	15:09	8.5	8.03	30.05	22.8	4.77	8	-	-	-
C2	20181205	Cloudy	Moderate	Mid-Flood	M	5.2	15:09	8.5	8.05	29.98	22.8	3.65	8	-	-	-
C2	20181205	Cloudy	Moderate	Mid-Flood	M	5.2	15:10	8.46	8.1	30.28	22.8	3.67	8	-	-	-
C2	20181205	Cloudy	Moderate	Mid-Flood	S	1	15:10	8.41	8.1	30.34	22.9	2.13	9	-	-	-
C2	20181205	Cloudy	Moderate	Mid-Flood	S	1	15:10	8.44	8.14	29.86	22.9	2.15	9	-	-	-

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
CR1	20181205	Cloudy	Moderate	Mid-Flood	B	7.8	15:26	8.52	8.15	30.44	22.9	4.87	9	-	-	-
CR1	20181205	Cloudy	Moderate	Mid-Flood	B	7.8	15:26	8.48	8.05	29.83	22.8	4.89	8	-	-	-
CR1	20181205	Cloudy	Moderate	Mid-Flood	M	4.4	15:27	8.48	8.11	30.49	22.8	3.65	8	-	-	-
CR1	20181205	Cloudy	Moderate	Mid-Flood	M	4.4	15:27	8.5	8	29.93	22.9	3.66	9	-	-	-
CR1	20181205	Cloudy	Moderate	Mid-Flood	S	1	15:27	8.5	8	29.88	22.9	2.99	8	-	-	-
CR1	20181205	Cloudy	Moderate	Mid-Flood	S	1	15:28	8.48	8.02	30.16	22.9	3.04	8	-	-	-
CR2	20181205	Cloudy	Moderate	Mid-Flood	B	8	15:37	8.26	8	30.41	22.8	4.51	8	-	-	-
CR2	20181205	Cloudy	Moderate	Mid-Flood	B	8	15:37	8.28	8.11	30.09	22.8	4.47	9	-	-	-
CR2	20181205	Cloudy	Moderate	Mid-Flood	M	4.5	15:37	8.23	8.04	30.31	22.8	3.87	6	-	-	-
CR2	20181205	Cloudy	Moderate	Mid-Flood	M	4.5	15:38	8.25	8.04	30.06	22.9	3.83	8	-	-	-
CR2	20181205	Cloudy	Moderate	Mid-Flood	S	1	15:38	8.29	8.03	30.31	22.9	2.33	8	-	-	-
CR2	20181205	Cloudy	Moderate	Mid-Flood	S	1	15:38	8.32	8	30.45	22.9	2.29	8	-	-	-
C1	20181205	Cloudy	Moderate	Mid-Flood	B	11.4	16:03	8.37	8.03	30.09	22.8	4.21	7	-	-	-
C1	20181205	Cloudy	Moderate	Mid-Flood	B	11.4	16:03	8.33	8.01	30.04	22.8	4.19	7	-	-	-
C1	20181205	Cloudy	Moderate	Mid-Flood	M	6.2	16:04	8.29	8.06	30.24	22.8	3.25	8	-	-	-
C1	20181205	Cloudy	Moderate	Mid-Flood	M	6.2	16:04	8.27	8	30.43	22.9	3.29	8	-	-	-
C1	20181205	Cloudy	Moderate	Mid-Flood	S	1	16:04	8.26	8.08	30.49	22.9	2.6	7	-	-	-
C1	20181205	Cloudy	Moderate	Mid-Flood	S	1	16:05	8.27	8	29.97	22.9	2.63	6	-	-	-
B1	20181205	Cloudy	Moderate	Mid-Flood	B	4.9	16:27	8.7	8	30.04	22.8	4.56	7	-	-	-
B1	20181205	Cloudy	Moderate	Mid-Flood	B	4.9	16:27	8.74	8.07	30.39	22.9	4.61	7	-	-	-
B1	20181205	Cloudy	Moderate	Mid-Flood	S	1	16:28	8.7	8.09	30.06	22.8	2.43	6	-	-	-
B1	20181205	Cloudy	Moderate	Mid-Flood	S	1	16:28	8.65	8.02	30.24	22.8	2.38	6	-	-	-
B2	20181205	Cloudy	Moderate	Mid-Flood	B	4.8	16:40	8.21	8.12	30.06	22.9	4.75	9	-	-	-
B2	20181205	Cloudy	Moderate	Mid-Flood	B	4.8	16:40	8.25	8.02	30.29	22.8	4.71	8	-	-	-
B2	20181205	Cloudy	Moderate	Mid-Flood	S	1	16:40	8.24	8.13	30.31	22.9	2.74	7	-	-	-
B2	20181205	Cloudy	Moderate	Mid-Flood	S	1	16:41	8.21	8.03	30.12	22.9	2.79	8	-	-	-
H1	20181205	Cloudy	Moderate	Mid-Flood	B	7.7	17:16	8.4	8.15	30.33	22.8	4.21	6	-	-	-
H1	20181205	Cloudy	Moderate	Mid-Flood	B	7.7	17:17	8.41	8.14	30.43	22.9	4.24	5	-	-	-
H1	20181205	Cloudy	Moderate	Mid-Flood	M	4.4	17:17	8.43	8.02	30.1	22.8	3.78	5	-	-	-
H1	20181205	Cloudy	Moderate	Mid-Flood	M	4.4	17:17	8.38	8.06	30.23	22.8	3.82	6	-	-	-

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
H1	20181205	Cloudy	Moderate	Mid-Flood	S	1	17:18	8.4	8.09	29.98	22.8	2.8	6	-	-	-
H1	20181205	Cloudy	Moderate	Mid-Flood	S	1	17:18	8.45	8	30.11	22.8	2.8	6	-	-	-
B3	20181205	Cloudy	Moderate	Mid-Flood	B	4.6	17:26	8.6	8.07	30.21	22.8	4.67	7	-	-	-
B3	20181205	Cloudy	Moderate	Mid-Flood	B	4.6	17:27	8.58	8.01	29.85	22.9	4.7	7	-	-	-
B3	20181205	Cloudy	Moderate	Mid-Flood	S	1	17:27	8.6	8.04	29.83	22.9	2.68	7	-	-	-
B3	20181205	Cloudy	Moderate	Mid-Flood	S	1	17:28	8.56	8.01	30.13	22.8	2.72	7	-	-	-
B4	20181205	Cloudy	Moderate	Mid-Flood	B	4.7	17:32	8.44	8.13	30.48	22.9	4.86	7	-	-	-
B4	20181205	Cloudy	Moderate	Mid-Flood	B	4.7	17:32	8.41	8.14	30.22	22.8	4.84	8	-	-	-
B4	20181205	Cloudy	Moderate	Mid-Flood	S	1	17:33	8.4	8.07	30.2	22.9	2.9	6	-	-	-
B4	20181205	Cloudy	Moderate	Mid-Flood	S	1	17:33	8.37	8.15	29.95	22.9	2.92	6	-	-	-
F1	20181205	Cloudy	Moderate	Mid-Flood	B	8.1	18:03	8.56	8.12	29.86	22.9	4.17	8	-	-	-
F1	20181205	Cloudy	Moderate	Mid-Flood	B	8.1	18:03	8.61	8.13	30.43	22.8	4.14	9	-	-	-
F1	20181205	Cloudy	Moderate	Mid-Flood	M	4.6	18:03	8.61	8.06	29.84	22.9	3.04	8	-	-	-
F1	20181205	Cloudy	Moderate	Mid-Flood	M	4.6	18:04	8.6	8.11	29.92	22.9	3.09	9	-	-	-
F1	20181205	Cloudy	Moderate	Mid-Flood	S	1	18:04	8.62	8.12	29.86	22.9	2.27	8	-	-	-
F1	20181205	Cloudy	Moderate	Mid-Flood	S	1	18:04	8.59	8.12	29.94	22.8	2.28	8	-	-	-
M1	20181205	Cloudy	Moderate	Mid-Flood	B	8	18:33	8.11	8.1	30.13	22.9	4.04	13	-	-	-
M1	20181205	Cloudy	Moderate	Mid-Flood	B	8	18:33	8.08	8.03	30.39	22.8	4.05	13	-	-	-
M1	20181205	Cloudy	Moderate	Mid-Flood	M	4.5	18:34	8.03	8.12	30.29	22.8	3.68	10	-	-	-
M1	20181205	Cloudy	Moderate	Mid-Flood	M	4.5	18:34	8.05	8.11	29.87	22.8	3.64	11	-	-	-
M1	20181205	Cloudy	Moderate	Mid-Flood	S	1	18:34	8.08	8.05	29.93	22.8	2.68	9	-	-	-
M1	20181205	Cloudy	Moderate	Mid-Flood	S	1	18:35	8.09	8.15	30.27	22.9	2.63	10	-	-	-
C1	20181207	Rainy	Moderate	Mid-Ebb	B	10.4	10:32	8.4	8	30.29	24	5.48	8	-	-	-
C1	20181207	Rainy	Moderate	Mid-Ebb	B	10.4	10:32	8.39	8.04	30.62	23.9	5.44	7	-	-	-
C1	20181207	Rainy	Moderate	Mid-Ebb	M	5.7	10:32	8.37	8.04	30.18	24	3.32	7	-	-	-
C1	20181207	Rainy	Moderate	Mid-Ebb	M	5.7	10:33	8.38	8.02	30.82	23.9	3.34	6	-	-	-
C1	20181207	Rainy	Moderate	Mid-Ebb	S	1	10:33	8.42	8.11	30.28	24	1.13	6	-	-	-
C1	20181207	Rainy	Moderate	Mid-Ebb	S	1	10:33	8.39	8.03	30.47	24	1.17	4	-	-	-
B1	20181207	Rainy	Moderate	Mid-Ebb	B	4.3	11:15	8.47	8.07	30.48	23.9	5.52	7	-	-	-
B1	20181207	Rainy	Moderate	Mid-Ebb	B	4.3	11:15	8.49	8.1	30.81	23.9	5.57	6	-	-	-

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
B1	20181207	Rainy	Moderate	Mid-Ebb	S	1	11:16	8.47	8.08	30.1	23.9	1.53	9	-	-	-
B1	20181207	Rainy	Moderate	Mid-Ebb	S	1	11:16	8.47	8.01	30.39	23.9	1.57	8	-	-	-
B2	20181207	Rainy	Moderate	Mid-Ebb	B	4.4	11:29	8.47	8.07	30.98	23.9	5.52	8	-	-	-
B2	20181207	Rainy	Moderate	Mid-Ebb	B	4.4	11:30	8.48	8.1	30.12	24	5.47	8	-	-	-
B2	20181207	Rainy	Moderate	Mid-Ebb	S	1	11:30	8.52	8.01	30.74	24	1.29	7	-	-	-
B2	20181207	Rainy	Moderate	Mid-Ebb	S	1	11:30	8.53	8.09	30.25	24	1.3	8	-	-	-
H1	20181207	Rainy	Moderate	Mid-Ebb	B	7.7	11:52	8.32	8.12	30.36	24	5.48	7	-	-	-
H1	20181207	Rainy	Moderate	Mid-Ebb	B	7.7	11:52	8.34	8.04	30.38	24	5.47	7	-	-	-
H1	20181207	Rainy	Moderate	Mid-Ebb	M	4.4	11:53	8.36	8.04	30.95	24	3.77	8	-	-	-
H1	20181207	Rainy	Moderate	Mid-Ebb	M	4.4	11:53	8.41	8.06	30.41	24	3.73	7	-	-	-
H1	20181207	Rainy	Moderate	Mid-Ebb	S	1	11:53	8.43	8.11	30.29	23.9	1.05	9	-	-	-
H1	20181207	Rainy	Moderate	Mid-Ebb	S	1	11:54	8.43	8.09	30.08	23.9	1.05	8	-	-	-
CR2	20181207	Rainy	Moderate	Mid-Ebb	B	7.8	12:05	8.23	8.11	30.39	23.9	5.3	5	-	-	-
CR2	20181207	Rainy	Moderate	Mid-Ebb	B	7.8	12:06	8.2	8.1	30.28	24	5.32	6	-	-	-
CR2	20181207	Rainy	Moderate	Mid-Ebb	M	4.4	12:06	8.25	8.08	30.16	24	3.21	6	-	-	-
CR2	20181207	Rainy	Moderate	Mid-Ebb	M	4.4	12:06	8.23	8.1	30.9	23.9	3.18	6	-	-	-
CR2	20181207	Rainy	Moderate	Mid-Ebb	S	1	12:07	8.23	8.02	30.56	23.9	1.48	4	-	-	-
CR2	20181207	Rainy	Moderate	Mid-Ebb	S	1	12:07	8.28	8.1	30.62	24	1.51	5	-	-	-
CR1	20181207	Rainy	Moderate	Mid-Ebb	B	7.6	12:17	8.39	8	30.38	24	5.97	8	-	-	-
CR1	20181207	Rainy	Moderate	Mid-Ebb	B	7.6	12:18	8.41	8.04	30.49	24	6	8	-	-	-
CR1	20181207	Rainy	Moderate	Mid-Ebb	M	4.3	12:18	8.44	8.08	30.12	23.9	3.32	10	-	-	-
CR1	20181207	Rainy	Moderate	Mid-Ebb	M	4.3	12:19	8.41	8.11	30.7	23.9	3.29	9	-	-	-
CR1	20181207	Rainy	Moderate	Mid-Ebb	S	1	12:19	8.42	8.04	30.65	23.9	1.6	9	-	-	-
CR1	20181207	Rainy	Moderate	Mid-Ebb	S	1	12:19	8.42	8.14	30.52	23.9	1.58	9	-	-	-
B3	20181207	Rainy	Moderate	Mid-Ebb	B	4.2	12:38	8.28	8.07	30.57	23.9	5.45	8	-	-	-
B3	20181207	Rainy	Moderate	Mid-Ebb	B	4.2	12:38	8.28	8.06	30.93	23.9	5.4	8	-	-	-
B3	20181207	Rainy	Moderate	Mid-Ebb	S	1	12:39	8.27	8	30.94	23.9	1.03	11	-	-	-
B3	20181207	Rainy	Moderate	Mid-Ebb	S	1	12:39	8.22	8.02	30.44	23.9	1	10	-	-	-
B4	20181207	Rainy	Moderate	Mid-Ebb	B	4.3	12:48	8.51	8.06	30.98	23.9	5.74	9	-	-	-
B4	20181207	Rainy	Moderate	Mid-Ebb	B	4.3	12:49	8.46	8.09	30.45	24	5.72	9	-	-	-

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
B4	20181207	Rainy	Moderate	Mid-Ebb	S	1	12:49	8.48	8.08	30.72	23.9	1.76	8	-	-	-
B4	20181207	Rainy	Moderate	Mid-Ebb	S	1	12:49	8.51	8.06	30.7	23.9	1.81	9	-	-	-
C2	20181207	Rainy	Moderate	Mid-Ebb	B	8.8	13:00	8.37	8.14	30.28	24	5.74	11	-	-	-
C2	20181207	Rainy	Moderate	Mid-Ebb	B	8.8	13:00	8.36	8.07	30.06	23.9	5.7	10	-	-	-
C2	20181207	Rainy	Moderate	Mid-Ebb	M	4.9	13:01	8.34	8.06	30.44	23.9	3.65	10	-	-	-
C2	20181207	Rainy	Moderate	Mid-Ebb	M	4.9	13:01	8.37	8.1	30.85	24	3.61	9	-	-	-
C2	20181207	Rainy	Moderate	Mid-Ebb	S	1	13:01	8.35	8.13	30.28	23.9	1.82	10	-	-	-
C2	20181207	Rainy	Moderate	Mid-Ebb	S	1	13:02	8.33	8.12	30.48	23.9	1.87	9	-	-	-
F1	20181207	Rainy	Moderate	Mid-Ebb	B	7.6	13:22	8.44	8.14	30.68	24	5.87	9	-	-	-
F1	20181207	Rainy	Moderate	Mid-Ebb	B	7.6	13:22	8.44	8.01	30.87	24	5.88	10	-	-	-
F1	20181207	Rainy	Moderate	Mid-Ebb	M	4.3	13:23	8.4	8.13	30.49	23.9	3.47	7	-	-	-
F1	20181207	Rainy	Moderate	Mid-Ebb	M	4.3	13:23	8.43	8.06	30.69	24	3.48	7	-	-	-
F1	20181207	Rainy	Moderate	Mid-Ebb	S	1	13:24	8.44	8.15	30.96	23.9	1.46	6	-	-	-
F1	20181207	Rainy	Moderate	Mid-Ebb	S	1	13:24	8.39	8.09	30.2	24	1.51	6	-	-	-
M1	20181207	Rainy	Moderate	Mid-Ebb	B	7.5	13:49	8.52	8.08	30.85	23.9	5.59	12	-	-	-
M1	20181207	Rainy	Moderate	Mid-Ebb	B	7.5	13:50	8.54	8.01	30.03	23.9	5.61	12	-	-	-
M1	20181207	Rainy	Moderate	Mid-Ebb	M	4.3	13:50	8.51	8.02	30.49	24	3.96	10	-	-	-
M1	20181207	Rainy	Moderate	Mid-Ebb	M	4.3	13:50	8.48	8.15	30.1	24	3.99	11	-	-	-
M1	20181207	Rainy	Moderate	Mid-Ebb	S	1	13:51	8.46	8.15	30.74	23.9	1.96	9	-	-	-
M1	20181207	Rainy	Moderate	Mid-Ebb	S	1	13:51	8.5	8.15	30.79	24	1.98	10	-	-	-
C2	20181207	Fine	Moderate	Mid-Flood	B	9.3	16:07	8.35	8.13	30.46	23.9	5.65	8	-	-	-
C2	20181207	Fine	Moderate	Mid-Flood	B	9.3	16:07	8.36	8.12	30.78	24	5.61	8	-	-	-
C2	20181207	Fine	Moderate	Mid-Flood	M	5.2	16:07	8.39	8.13	30.44	24	3.67	8	-	-	-
C2	20181207	Fine	Moderate	Mid-Flood	M	5.2	16:08	8.44	8.01	30.77	23.9	3.7	8	-	-	-
C2	20181207	Fine	Moderate	Mid-Flood	S	1	16:08	8.44	8.04	30.89	24	1.38	9	-	-	-
C2	20181207	Fine	Moderate	Mid-Flood	S	1	16:08	8.4	8.14	30.97	23.9	1.34	9	-	-	-
CR1	20181207	Fine	Moderate	Mid-Flood	B	8.1	16:25	8.28	8.13	30.61	23.9	5.47	9	-	-	-
CR1	20181207	Fine	Moderate	Mid-Flood	B	8.1	16:25	8.23	8.07	30.94	23.9	5.52	8	-	-	-
CR1	20181207	Fine	Moderate	Mid-Flood	M	4.6	16:26	8.18	8.14	30.9	24	3.06	8	-	-	-
CR1	20181207	Fine	Moderate	Mid-Flood	M	4.6	16:26	8.2	8.04	30.39	23.9	3.04	9	-	-	-

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
CR1	20181207	Fine	Moderate	Mid-Flood	S	1	16:26	8.19	8.05	30.24	24	1.74	8	-	-	-
CR1	20181207	Fine	Moderate	Mid-Flood	S	1	16:27	8.19	8.08	30.57	24	1.7	8	-	-	-
CR2	20181207	Fine	Moderate	Mid-Flood	B	8.2	16:33	8.48	8.09	30.62	24	5.17	8	-	-	-
CR2	20181207	Fine	Moderate	Mid-Flood	B	8.2	16:34	8.43	8.08	30.13	24	5.21	9	-	-	-
CR2	20181207	Fine	Moderate	Mid-Flood	M	4.6	16:34	8.39	8.03	30.68	23.9	3.15	6	-	-	-
CR2	20181207	Fine	Moderate	Mid-Flood	M	4.6	16:34	8.4	8.12	30.98	24	3.11	8	-	-	-
CR2	20181207	Fine	Moderate	Mid-Flood	S	1	16:35	8.36	8	30.81	24	1.52	8	-	-	-
CR2	20181207	Fine	Moderate	Mid-Flood	S	1	16:35	8.33	8.14	30.38	24	1.55	8	-	-	-
C1	20181207	Fine	Moderate	Mid-Flood	B	11.4	17:01	8.17	8.1	30.9	23.9	5.57	7	-	-	-
C1	20181207	Fine	Moderate	Mid-Flood	B	11.4	17:02	8.17	8.06	30.13	24	5.57	7	-	-	-
C1	20181207	Fine	Moderate	Mid-Flood	M	6.2	17:02	8.17	8.15	30.71	24	3.23	8	-	-	-
C1	20181207	Fine	Moderate	Mid-Flood	M	6.2	17:03	8.22	8.05	30.56	24	3.18	8	-	-	-
C1	20181207	Fine	Moderate	Mid-Flood	S	1	17:03	8.2	8.15	30.63	23.9	1.21	7	-	-	-
C1	20181207	Fine	Moderate	Mid-Flood	S	1	17:03	8.23	8.08	30.28	23.9	1.24	6	-	-	-
B1	20181207	Fine	Moderate	Mid-Flood	B	4.8	17:25	8.04	8.08	30.67	23.9	5.41	7	-	-	-
B1	20181207	Fine	Moderate	Mid-Flood	B	4.8	17:25	7.99	8.15	30.71	24	5.42	7	-	-	-
B1	20181207	Fine	Moderate	Mid-Flood	S	1	17:26	8.01	8.13	30.38	23.9	1.26	6	-	-	-
B1	20181207	Fine	Moderate	Mid-Flood	S	1	17:26	7.99	8.11	30.53	24	1.28	6	-	-	-
B2	20181207	Fine	Moderate	Mid-Flood	B	4.8	17:38	8.56	8.02	30	24	5.78	9	-	-	-
B2	20181207	Fine	Moderate	Mid-Flood	B	4.8	17:39	8.61	8.03	30.37	23.9	5.79	8	-	-	-
B2	20181207	Fine	Moderate	Mid-Flood	S	1	17:39	8.56	8.03	31	23.9	1.47	7	-	-	-
B2	20181207	Fine	Moderate	Mid-Flood	S	1	17:39	8.51	8.02	30.12	24	1.43	8	-	-	-
H1	20181207	Fine	Moderate	Mid-Flood	B	7.8	18:01	8.47	8.1	30.61	24	5.16	6	-	-	-
H1	20181207	Fine	Moderate	Mid-Flood	B	7.8	18:01	8.47	8.05	30.86	24	5.13	5	-	-	-
H1	20181207	Fine	Moderate	Mid-Flood	M	4.4	18:02	8.45	8.09	30.72	24	3.88	5	-	-	-
H1	20181207	Fine	Moderate	Mid-Flood	M	4.4	18:02	8.45	8.08	30.01	24	3.92	6	-	-	-
H1	20181207	Fine	Moderate	Mid-Flood	S	1	18:02	8.4	8.07	30.26	23.9	1.28	6	-	-	-
H1	20181207	Fine	Moderate	Mid-Flood	S	1	18:03	8.43	8.04	30.1	23.9	1.25	6	-	-	-
B3	20181207	Fine	Moderate	Mid-Flood	B	4.9	18:11	8.29	8	30.47	23.9	5.34	7	-	-	-
B3	20181207	Fine	Moderate	Mid-Flood	B	4.9	18:12	8.34	8.11	30.94	24	5.35	7	-	-	-

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
B3	20181207	Fine	Moderate	Mid-Flood	S	1	18:12	8.32	8.04	30.18	23.9	1.15	7	-	-	-
B3	20181207	Fine	Moderate	Mid-Flood	S	1	18:12	8.36	8.14	30.13	24	1.13	7	-	-	-
B4	20181207	Fine	Moderate	Mid-Flood	B	4.7	18:20	8.31	8.09	30.96	23.9	5.66	7	-	-	-
B4	20181207	Fine	Moderate	Mid-Flood	B	4.7	18:20	8.28	8.09	30.1	24	5.67	8	-	-	-
B4	20181207	Fine	Moderate	Mid-Flood	S	1	18:20	8.25	8.11	30.85	24	1.71	6	-	-	-
B4	20181207	Fine	Moderate	Mid-Flood	S	1	18:21	8.21	8.14	30.88	24	1.66	6	-	-	-
F1	20181207	Fine	Moderate	Mid-Flood	B	8.2	18:51	8.38	8.1	30.14	24	5.66	8	-	-	-
F1	20181207	Fine	Moderate	Mid-Flood	B	8.2	18:52	8.43	8.08	30.76	24	5.65	9	-	-	-
F1	20181207	Fine	Moderate	Mid-Flood	M	4.6	18:52	8.4	8.14	30.08	23.9	3.7	8	-	-	-
F1	20181207	Fine	Moderate	Mid-Flood	M	4.6	18:52	8.4	8.02	30	24	3.75	9	-	-	-
F1	20181207	Fine	Moderate	Mid-Flood	S	1	18:53	8.36	8.09	30.28	23.9	1.17	8	-	-	-
F1	20181207	Fine	Moderate	Mid-Flood	S	1	18:53	8.33	8.13	30.51	23.9	1.22	8	-	-	-
M1	20181207	Fine	Moderate	Mid-Flood	B	8.1	19:20	8.57	8.08	30.02	23.9	5.78	13	-	-	-
M1	20181207	Fine	Moderate	Mid-Flood	B	8.1	19:20	8.54	8.08	30.86	24	5.82	13	-	-	-
M1	20181207	Fine	Moderate	Mid-Flood	M	4.6	19:20	8.52	8.02	30.54	24	3.22	10	-	-	-
M1	20181207	Fine	Moderate	Mid-Flood	M	4.6	19:21	8.5	8.08	30.8	23.9	3.18	11	-	-	-
M1	20181207	Fine	Moderate	Mid-Flood	S	1	19:21	8.45	8.03	30.59	24	1.81	9	-	-	-
M1	20181207	Fine	Moderate	Mid-Flood	S	1	19:21	8.42	8.02	30.55	23.9	1.78	10	-	-	-
C2	20181210	Cloudy	Moderate	Mid-Flood	B	9.2	8:39	8.11	8.11	30.93	23.4	5.93	8	113	0.55	NE
C2	20181210	Cloudy	Moderate	Mid-Flood	B	9.2	8:39	8.09	8.12	30.59	23.4	5.94	8	113	0.56	NE
C2	20181210	Cloudy	Moderate	Mid-Flood	M	5.1	8:39	8.07	8.14	30.64	23.4	3.01	11	114	0.67	NE
C2	20181210	Cloudy	Moderate	Mid-Flood	M	5.1	8:40	8.09	8.05	30.59	23.3	3.01	8	112	0.73	NE
C2	20181210	Cloudy	Moderate	Mid-Flood	S	1	8:40	8.06	8.01	30.42	23.4	1.65	10	112	0.78	NE
C2	20181210	Cloudy	Moderate	Mid-Flood	S	1	8:40	8.11	8.02	30.28	23.4	1.66	11	114	0.93	NE
CR1	20181210	Cloudy	Moderate	Mid-Flood	B	8	8:46	8.1	8.05	30.29	23.4	5.38	9	113	0.58	NW
CR1	20181210	Cloudy	Moderate	Mid-Flood	B	8	8:46	8.09	8.14	30.35	23.3	5.39	19	112	0.7	NW
CR1	20181210	Cloudy	Moderate	Mid-Flood	M	4.5	8:47	8.14	8	30.24	23.4	3.09	12	113	0.76	NW
CR1	20181210	Cloudy	Moderate	Mid-Flood	M	4.5	8:47	8.11	8.14	30.92	23.4	3.06	12	113	0.87	NW
CR1	20181210	Cloudy	Moderate	Mid-Flood	S	1	8:47	8.16	8.04	30.42	23.4	1.15	6	113	0.83	NW
CR1	20181210	Cloudy	Moderate	Mid-Flood	S	1	8:48	8.12	8.03	30.35	23.3	1.12	8	113	0.86	NW

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 (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
S3	20181210	Cloudy	Moderate	Mid-Flood	B	11.2	9:00	7.86	8	30.35	23.3	5.96	10	113	0.73	W
S3	20181210	Cloudy	Moderate	Mid-Flood	B	11.2	9:00	7.9	8.14	30.41	23.3	6	20	113	0.8	W
S3	20181210	Cloudy	Moderate	Mid-Flood	M	6.1	9:01	7.85	8	30.53	23.4	3.96	8	114	0.84	W
S3	20181210	Cloudy	Moderate	Mid-Flood	M	6.1	9:01	7.82	8.14	30.81	23.3	3.92	9	113	0.86	W
S3	20181210	Cloudy	Moderate	Mid-Flood	S	1	9:02	7.79	8.07	30.84	23.4	1.65	23	114	0.95	W
S3	20181210	Cloudy	Moderate	Mid-Flood	S	1	9:02	7.79	8.1	30.06	23.4	1.67	11	113	0.91	W
H1	20181210	Cloudy	Moderate	Mid-Flood	B	7.9	9:03	8.16	8.05	30.05	23.4	5.81	11	113	0.77	NW
H1	20181210	Cloudy	Moderate	Mid-Flood	B	7.9	9:04	8.17	8.11	30.34	23.3	5.8	10	113	0.9	NW
H1	20181210	Cloudy	Moderate	Mid-Flood	M	4.5	9:04	8.15	8.1	30.81	23.4	3.23	7	114	0.91	NW
H1	20181210	Cloudy	Moderate	Mid-Flood	M	4.5	9:05	8.15	8.08	30.25	23.4	3.27	9	112	1.04	NW
H1	20181210	Cloudy	Moderate	Mid-Flood	S	1	9:05	8.11	8.13	30.2	23.3	1.47	9	114	1.07	NW
H1	20181210	Cloudy	Moderate	Mid-Flood	S	1	9:05	8.11	8.04	30.65	23.4	1.45	7	113	1.16	NW
CR2	20181210	Cloudy	Moderate	Mid-Flood	B	8	9:14	8	8.02	30.21	23.3	5.05	11	114	0.7	NW
CR2	20181210	Cloudy	Moderate	Mid-Flood	B	8	9:14	8.01	8.05	30.7	23.4	5.06	9	113	0.83	NW
CR2	20181210	Cloudy	Moderate	Mid-Flood	M	4.5	9:14	8.01	8.11	30.01	23.4	3.38	8	112	0.84	NW
CR2	20181210	Cloudy	Moderate	Mid-Flood	M	4.5	9:15	7.96	8.11	30.27	23.3	3.36	8	112	0.92	NW
CR2	20181210	Cloudy	Moderate	Mid-Flood	S	1	9:15	7.97	8.08	30.7	23.3	1.21	8	112	1.01	NW
CR2	20181210	Cloudy	Moderate	Mid-Flood	S	1	9:16	7.92	8.14	30.06	23.3	1.2	8	113	1.13	NW
B3	20181210	Cloudy	Moderate	Mid-Flood	B	4.8	9:14	8.06	8.08	30	23.3	5.09	14	114	0.72	NW
B3	20181210	Cloudy	Moderate	Mid-Flood	B	4.8	9:14	8.04	8.06	30.5	23.3	5.12	13	114	0.84	NW
B3	20181210	Cloudy	Moderate	Mid-Flood	S	1	9:15	8.07	8.06	30.8	23.3	1.09	16	113	0.96	NW
B3	20181210	Cloudy	Moderate	Mid-Flood	S	1	9:15	8.11	8.15	30.07	23.3	1.08	13	113	1.11	NW
B4	20181210	Cloudy	Moderate	Mid-Flood	B	4.6	9:28	8.1	8	30.34	23.3	5.74	13	113	0.43	N
B4	20181210	Cloudy	Moderate	Mid-Flood	B	4.6	9:28	8.11	8.1	30.35	23.3	5.76	13	113	0.55	N
B4	20181210	Cloudy	Moderate	Mid-Flood	S	1	9:28	8.13	8.1	30.21	23.3	1.8	15	111	0.64	N
B4	20181210	Cloudy	Moderate	Mid-Flood	S	1	9:29	8.11	8.08	30.76	23.4	1.79	12	112	0.63	N
C1	20181210	Cloudy	Moderate	Mid-Flood	B	11.4	9:45	8.26	8.04	30.65	23.4	5	5	111	0.67	NW
C1	20181210	Cloudy	Moderate	Mid-Flood	B	11.4	9:45	8.28	8.15	30.43	23.4	5	6	113	0.71	NW
C1	20181210	Cloudy	Moderate	Mid-Flood	M	6.2	9:46	8.24	8.05	30.29	23.4	3.82	7	113	0.66	NW
C1	20181210	Cloudy	Moderate	Mid-Flood	M	6.2	9:46	8.29	8.13	30.36	23.4	3.83	7	113	0.76	NW

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
C1	20181210	Cloudy	Moderate	Mid-Flood	S	1	9:47	8.25	8.14	30.83	23.4	1.67	8	112	0.71	NW
C1	20181210	Cloudy	Moderate	Mid-Flood	S	1	9:47	8.27	8.11	30.58	23.3	1.69	9	113	0.73	NW
F1	20181210	Cloudy	Moderate	Mid-Flood	B	7.8	10:04	7.85	8.12	30.69	23.4	5.11	10	112	0.57	NW
F1	20181210	Cloudy	Moderate	Mid-Flood	B	7.8	10:05	7.85	8.07	30.33	23.4	5.08	8	112	0.6	NW
F1	20181210	Cloudy	Moderate	Mid-Flood	M	4.4	10:05	7.9	8.14	30.92	23.4	3.46	10	112	0.57	NW
F1	20181210	Cloudy	Moderate	Mid-Flood	M	4.4	10:06	7.91	8.08	30.79	23.3	3.41	9	114	0.52	NW
F1	20181210	Cloudy	Moderate	Mid-Flood	S	1	10:06	7.92	8.14	30.75	23.4	1.16	18	113	0.52	NW
F1	20181210	Cloudy	Moderate	Mid-Flood	S	1	10:06	7.88	8.02	30.48	23.3	1.11	18	113	0.66	NW
B1	20181210	Cloudy	Moderate	Mid-Flood	B	4.7	10:08	8	8.11	30.25	23.3	5.68	14	114	0.56	NW
B1	20181210	Cloudy	Moderate	Mid-Flood	B	4.7	10:08	7.95	8.11	30.53	23.4	5.71	12	114	0.69	NW
B1	20181210	Cloudy	Moderate	Mid-Flood	S	1	10:08	7.98	8	30.83	23.4	1.28	12	113	0.71	NW
B1	20181210	Cloudy	Moderate	Mid-Flood	S	1	10:09	7.98	8.06	30.44	23.4	1.3	14	113	0.68	NW
B2	20181210	Cloudy	Moderate	Mid-Flood	B	4.6	10:23	8.62	8.08	30.61	23.3	5.45	14	112	0.78	N
B2	20181210	Cloudy	Moderate	Mid-Flood	B	4.6	10:24	8.58	8.13	30.36	23.4	5.5	14	114	0.73	N
B2	20181210	Cloudy	Moderate	Mid-Flood	S	1	10:24	8.53	8.08	30.01	23.4	1.52	15	112	0.84	N
B2	20181210	Cloudy	Moderate	Mid-Flood	S	1	10:24	8.55	8.01	30.8	23.3	1.53	12	113	0.98	N
S1	20181210	Cloudy	Moderate	Mid-Flood	B	4.6	10:23	7.8	8.13	30.97	23.3	5.83	10	112	0.48	NW
S1	20181210	Cloudy	Moderate	Mid-Flood	B	4.6	10:23	7.76	8.14	30.92	23.3	5.81	10	112	0.57	N
S1	20181210	Cloudy	Moderate	Mid-Flood	S	1	10:24	7.72	8.08	30.94	23.4	1.29	12	114	0.68	NW
S1	20181210	Cloudy	Moderate	Mid-Flood	S	1	10:24	7.77	8.06	30.23	23.4	1.29	10	112	0.66	NW
M1	20181210	Cloudy	Moderate	Mid-Flood	B	7.8	10:42	8.42	8.09	30.63	23.4	5.39	5	112	0.42	SW
M1	20181210	Cloudy	Moderate	Mid-Flood	B	7.8	10:43	8.41	8.01	30.59	23.4	5.41	6	113	0.37	SW
M1	20181210	Cloudy	Moderate	Mid-Flood	M	4.4	10:43	8.36	8.07	30.68	23.3	3.74	6	113	0.37	SW
M1	20181210	Cloudy	Moderate	Mid-Flood	M	4.4	10:43	8.33	8.07	30.98	23.4	3.79	5	113	0.48	SW
M1	20181210	Cloudy	Moderate	Mid-Flood	S	1	10:44	8.38	8.13	30.25	23.4	1.2	12	112	0.53	SW
M1	20181210	Cloudy	Moderate	Mid-Flood	S	1	10:44	8.34	8.08	30.11	23.4	1.24	10	113	0.5	SW
S2	20181210	Cloudy	Moderate	Mid-Flood	B	8.2	10:54	7.94	8.04	30.93	23.3	6	15	113	0.65	NW
S2	20181210	Cloudy	Moderate	Mid-Flood	B	8.2	10:54	7.92	8.01	30.28	23.3	6.02	16	113	0.71	NW
S2	20181210	Cloudy	Moderate	Mid-Flood	M	4.6	10:54	7.9	8.09	30.89	23.3	3.58	18	112	0.8	NW
S2	20181210	Cloudy	Moderate	Mid-Flood	M	4.6	10:55	7.88	8.06	30.92	23.3	3.59	17	112	0.8	NW

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
S2	20181210	Cloudy	Moderate	Mid-Flood	S	1	10:55	7.89	8.01	30.97	23.4	1.56	18	112	0.9	NW
S2	20181210	Cloudy	Moderate	Mid-Flood	S	1	10:55	7.85	8.06	30.54	23.3	1.57	8	113	0.88	NW
C1	20181210	Fine	Light	Mid-Ebb	B	10.6	12:44	7.91	8.07	30.74	23.4	5.21	9	113	0.3	SE
C1	20181210	Fine	Light	Mid-Ebb	B	10.6	12:44	7.91	8.15	30.03	23.4	5.26	7	112	0.28	SE
C1	20181210	Fine	Light	Mid-Ebb	M	5.8	12:45	7.91	8.12	30.92	23.4	3.09	7	113	0.29	SE
C1	20181210	Fine	Light	Mid-Ebb	M	5.8	12:45	7.86	8.04	30.73	23.3	3.05	6	114	0.33	SE
C1	20181210	Fine	Light	Mid-Ebb	S	1	12:45	7.9	8.04	30.69	23.4	1.52	7	113	0.31	SE
C1	20181210	Fine	Light	Mid-Ebb	S	1	12:46	7.91	8.07	30.23	23.3	1.47	5	112	0.27	SE
M1	20181210	Fine	Light	Mid-Ebb	B	7.4	12:46	8.77	8	30.89	23.4	5.59	9	113	0.44	N
M1	20181210	Fine	Light	Mid-Ebb	B	7.4	12:47	8.77	8.02	30.85	23.4	5.56	9	113	0.44	N
M1	20181210	Fine	Light	Mid-Ebb	M	4.2	12:47	8.82	8.12	30.43	23.4	3.35	10	114	0.44	N
M1	20181210	Fine	Light	Mid-Ebb	M	4.2	12:47	8.8	8.02	30.07	23.3	3.39	10	112	0.42	N
M1	20181210	Fine	Light	Mid-Ebb	S	1	12:48	8.8	8.15	30.05	23.3	1.19	9	114	0.43	N
M1	20181210	Fine	Light	Mid-Ebb	S	1	12:48	8.77	8.11	30.6	23.3	1.17	11	113	0.46	N
B1	20181210	Fine	Light	Mid-Ebb	B	4.4	12:48	8.2	8.09	30.47	23.4	5.69	11	112	0.21	NE
B1	20181210	Fine	Light	Mid-Ebb	B	4.4	12:49	8.21	8.03	30.67	23.4	5.73	14	112	0.16	NE
B1	20181210	Fine	Light	Mid-Ebb	S	1	12:49	8.23	8.01	30.3	23.3	2	8	111	0.12	NE
B1	20181210	Fine	Light	Mid-Ebb	S	1	12:50	8.24	8.12	30.09	23.3	2.03	10	113	0.15	NE
S1	20181210	Fine	Light	Mid-Ebb	B	4.2	12:50	8.64	8.14	30.05	23.3	5.8	6	112	0.38	NE
S1	20181210	Fine	Light	Mid-Ebb	B	4.2	12:50	8.67	8.11	30.28	23.4	5.76	5	114	0.39	NE
S1	20181210	Fine	Light	Mid-Ebb	S	1	12:51	8.68	8.03	30.09	23.4	1.49	7	114	0.41	NE
S1	20181210	Fine	Light	Mid-Ebb	S	1	12:51	8.64	8.1	30.85	23.3	1.5	8	114	0.43	NE
F1	20181210	Fine	Light	Mid-Ebb	B	7.2	12:52	8.38	8.13	30.28	23.3	5.18	5	112	0.3	SE
F1	20181210	Fine	Light	Mid-Ebb	B	7.2	12:52	8.4	8.12	30.64	23.3	5.21	5	113	0.25	SE
F1	20181210	Fine	Light	Mid-Ebb	M	4.1	12:52	8.44	8	30.64	23.4	3.78	6	114	0.27	SE
F1	20181210	Fine	Light	Mid-Ebb	M	4.1	12:53	8.41	8.1	30.9	23.3	3.75	7	113	0.29	SE
F1	20181210	Fine	Light	Mid-Ebb	S	1	12:53	8.44	8.15	30.26	23.3	1.53	6	113	0.25	SE
F1	20181210	Fine	Light	Mid-Ebb	S	1	12:53	8.48	8.1	30.87	23.3	1.5	7	112	0.25	SE
C2	20181210	Fine	Light	Mid-Ebb	B	8.6	12:54	8.17	8.03	30.87	23.3	5.8	7	113	0.26	S
C2	20181210	Fine	Light	Mid-Ebb	B	8.6	12:54	8.13	8.11	30.73	23.3	5.85	7	113	0.26	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
C2	20181210	Fine	Light	Mid-Ebb	M	4.8	12:55	8.18	8.09	30.79	23.3	3.08	6	112	0.25	S
C2	20181210	Fine	Light	Mid-Ebb	M	4.8	12:55	8.23	8.03	30.09	23.3	3.13	7	114	0.2	S
C2	20181210	Fine	Light	Mid-Ebb	S	1	12:55	8.26	8.11	30.11	23.4	1.69	5	113	0.17	S
C2	20181210	Fine	Light	Mid-Ebb	S	1	12:56	8.28	8.15	31	23.4	1.66	5	114	0.12	S
B2	20181210	Fine	Light	Mid-Ebb	B	4.3	12:56	7.89	8.12	30.84	23.3	5.36	11	112	0.36	SE
B2	20181210	Fine	Light	Mid-Ebb	B	4.3	12:57	7.88	8.11	30.71	23.3	5.33	12	113	0.31	SE
B2	20181210	Fine	Light	Mid-Ebb	S	1	12:57	7.86	8.03	30.36	23.3	1.5	9	113	0.3	SE
B2	20181210	Fine	Light	Mid-Ebb	S	1	12:57	7.81	8.03	30.12	23.4	1.47	8	112	0.33	SE
S2	20181210	Fine	Light	Mid-Ebb	B	8.6	12:58	8.37	8.15	30.33	23.3	5.12	5	112	0.42	SE
S2	20181210	Fine	Light	Mid-Ebb	B	8.6	12:58	8.4	8.15	30	23.3	5.08	7	112	0.4	SE
S2	20181210	Fine	Light	Mid-Ebb	M	4.8	12:58	8.42	8.01	30.21	23.4	3.88	8	114	0.39	SE
S2	20181210	Fine	Light	Mid-Ebb	M	4.8	12:59	8.46	8.11	30.68	23.3	3.83	9	112	0.44	SE
S2	20181210	Fine	Light	Mid-Ebb	S	1	12:59	8.41	8	30.19	23.4	1.81	5	112	0.47	SE
S2	20181210	Fine	Light	Mid-Ebb	S	1	13:00	8.45	8.09	30.38	23.4	1.86	7	112	0.5	E
S3	20181210	Fine	Light	Mid-Ebb	B	10.7	13:00	8.12	8.12	30.86	23.4	5.43	8	112	0.2	SE
S3	20181210	Fine	Light	Mid-Ebb	B	10.7	13:00	8.09	8.01	30.11	23.3	5.45	9	112	0.15	SE
S3	20181210	Fine	Light	Mid-Ebb	M	5.9	13:01	8.14	8.09	30.6	23.3	3.95	8	114	0.17	SE
S3	20181210	Fine	Light	Mid-Ebb	M	5.9	13:01	8.18	8.12	30.96	23.4	4	7	112	0.14	SE
S3	20181210	Fine	Light	Mid-Ebb	S	1	13:02	8.15	8.14	30.65	23.4	1.42	6	112	0.18	SE
S3	20181210	Fine	Light	Mid-Ebb	S	1	13:02	8.18	8.11	30.83	23.4	1.47	8	114	0.18	SE
CR2	20181210	Fine	Light	Mid-Ebb	B	7.4	13:02	8.45	8.06	30.94	23.4	5.79	13	112	0.45	SE
CR2	20181210	Fine	Light	Mid-Ebb	B	7.4	13:03	8.4	8	30.76	23.3	5.8	12	113	0.45	SE
CR2	20181210	Fine	Light	Mid-Ebb	M	4.2	13:03	8.36	8.11	30.15	23.4	3.94	12	113	0.44	SE
CR2	20181210	Fine	Light	Mid-Ebb	M	4.2	13:03	8.32	8.11	30.38	23.4	3.97	10	112	0.46	SE
CR2	20181210	Fine	Light	Mid-Ebb	S	1	13:04	8.34	8.12	30.69	23.4	1.18	11	114	0.43	SE
CR2	20181210	Fine	Light	Mid-Ebb	S	1	13:04	8.31	8.06	30.09	23.3	1.17	8	113	0.39	S
H1	20181210	Fine	Light	Mid-Ebb	B	7.5	13:05	8.58	8.14	30.53	23.4	5.32	16	113	0.43	SE
H1	20181210	Fine	Light	Mid-Ebb	B	7.5	13:05	8.63	8.15	30.83	23.4	5.34	12	114	0.4	SE
H1	20181210	Fine	Light	Mid-Ebb	M	4.3	13:05	8.58	8.04	30.5	23.4	3.57	7	113	0.4	SE
H1	20181210	Fine	Light	Mid-Ebb	M	4.3	13:06	8.58	8.07	30.29	23.3	3.52	7	113	0.36	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
H1	20181210	Fine	Light	Mid-Ebb	S	1	13:06	8.58	8.07	30.73	23.3	1.51	9	112	0.33	SE
H1	20181210	Fine	Light	Mid-Ebb	S	1	13:06	8.61	8.09	30.34	23.3	1.49	8	111	0.3	SE
B3	20181210	Fine	Light	Mid-Ebb	B	4.4	13:07	8.35	8.12	30.08	23.4	5.7	12	111	0.49	SE
B3	20181210	Fine	Light	Mid-Ebb	B	4.4	13:07	8.37	8.08	30.34	23.3	5.72	10	111	0.48	SE
B3	20181210	Fine	Light	Mid-Ebb	S	1	13:08	8.38	8.06	30.54	23.4	1.83	9	113	0.43	SE
B3	20181210	Fine	Light	Mid-Ebb	S	1	13:08	8.4	8.1	30.24	23.4	1.86	9	112	0.39	SE
B4	20181210	Fine	Light	Mid-Ebb	B	4.3	13:08	8.24	8.14	30.24	23.4	5.34	6	112	0.44	S
B4	20181210	Fine	Light	Mid-Ebb	B	4.3	13:09	8.19	8.09	30.69	23.4	5.32	5	112	0.41	S
B4	20181210	Fine	Light	Mid-Ebb	S	1	13:09	8.23	8	30.59	23.3	1.74	6	112	0.37	S
B4	20181210	Fine	Light	Mid-Ebb	S	1	13:10	8.24	8.14	30.41	23.4	1.74	7	112	0.32	S
CR1	20181210	Fine	Light	Mid-Ebb	B	7.5	13:10	8.6	8.12	30.71	23.4	5.27	10	113	0.43	SE
CR1	20181210	Fine	Light	Mid-Ebb	B	7.5	13:10	8.62	8.06	30.6	23.3	5.22	9	113	0.38	SE
CR1	20181210	Fine	Light	Mid-Ebb	M	4.3	13:11	8.67	8.12	30.56	23.3	3.04	11	112	0.34	SE
CR1	20181210	Fine	Light	Mid-Ebb	M	4.3	13:11	8.63	8.01	30.9	23.3	3.01	13	114	0.32	SE
CR1	20181210	Fine	Light	Mid-Ebb	S	1	13:11	8.63	8.06	30.88	23.3	1.84	10	113	0.27	SE
CR1	20181210	Fine	Light	Mid-Ebb	S	1	13:12	8.62	8.12	30.39	23.4	1.79	11	114	0.26	SE
C2	20181212	Cloudy	Moderate	Mid-Flood	B	9.3	9:07	8.37	8.17	30.19	24.9	5.89	9	113	0.2	NE
C2	20181212	Cloudy	Moderate	Mid-Flood	B	9.3	9:07	8.34	8.19	30.77	24.8	5.85	9	115	0.22	NE
C2	20181212	Cloudy	Moderate	Mid-Flood	M	5.2	9:08	8.34	8.14	30.09	24.9	3.21	9	114	0.37	NE
C2	20181212	Cloudy	Moderate	Mid-Flood	M	5.2	9:08	8.38	8.07	30.5	24.8	3.25	8	113	0.39	NE
C2	20181212	Cloudy	Moderate	Mid-Flood	S	1	9:09	8.38	8.11	30.47	24.8	1.3	11	114	0.5	N
C2	20181212	Cloudy	Moderate	Mid-Flood	S	1	9:10	8.43	8.17	30.26	24.8	1.29	10	114	0.61	NE
CR1	20181212	Cloudy	Moderate	Mid-Flood	B	8.1	9:20	8.73	8.15	30.79	24.8	5.04	13	114	0.26	NW
CR1	20181212	Cloudy	Moderate	Mid-Flood	B	8.1	9:21	8.78	8.02	30.51	24.9	5.08	12	112	0.28	NW
CR1	20181212	Cloudy	Moderate	Mid-Flood	M	4.6	9:21	8.75	8.09	30.38	24.9	3.55	13	112	0.33	NW
CR1	20181212	Cloudy	Moderate	Mid-Flood	M	4.6	9:22	8.74	8.09	30.87	24.9	3.52	13	112	0.44	NW
CR1	20181212	Cloudy	Moderate	Mid-Flood	S	1	9:23	8.69	8.13	30.11	24.9	1.34	14	113	0.41	NW
CR1	20181212	Cloudy	Moderate	Mid-Flood	S	1	9:23	8.64	8.08	30.54	24.8	1.35	15	112	0.47	NW
S3	20181212	Cloudy	Moderate	Mid-Flood	B	11.3	9:30	8.66	8.17	30.21	24.8	5.51	12	114	0.48	W
S3	20181212	Cloudy	Moderate	Mid-Flood	B	11.3	9:31	8.63	8.07	30.09	24.8	5.54	12	113	0.52	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
S3	20181212	Cloudy	Moderate	Mid-Flood	M	6.2	9:31	8.65	8.01	30.29	24.9	3.79	13	114	0.47	W
S3	20181212	Cloudy	Moderate	Mid-Flood	M	6.2	9:32	8.6	8.09	30.74	24.8	3.74	13	114	0.56	W
S3	20181212	Cloudy	Moderate	Mid-Flood	S	1	9:32	8.57	8.19	30.14	24.8	1.32	16	114	0.53	W
S3	20181212	Cloudy	Moderate	Mid-Flood	S	1	9:33	8.62	8.07	30	24.8	1.27	16	114	0.62	W
CR2	20181212	Cloudy	Moderate	Mid-Flood	B	7.8	9:38	8.76	8.16	30.49	24.8	5.87	16	112	0.42	NW
CR2	20181212	Cloudy	Moderate	Mid-Flood	B	7.8	9:38	8.79	8.12	30.41	24.9	5.85	17	114	0.54	NW
CR2	20181212	Cloudy	Moderate	Mid-Flood	M	4.4	9:39	8.74	8.01	30.62	24.8	4	15	113	0.63	NW
CR2	20181212	Cloudy	Moderate	Mid-Flood	M	4.4	9:39	8.69	8.09	30.66	24.9	3.98	15	113	0.69	NW
CR2	20181212	Cloudy	Moderate	Mid-Flood	S	1	9:40	8.67	8.05	30.06	24.9	1.11	14	114	0.65	NW
CR2	20181212	Cloudy	Moderate	Mid-Flood	S	1	9:41	8.72	8.18	30.33	24.8	1.13	14	113	0.72	NW
M1	20181212	Cloudy	Moderate	Mid-Flood	B	7.9	9:36	8.38	8.1	30.25	24.8	5.23	13	113	0.25	NW
M1	20181212	Cloudy	Moderate	Mid-Flood	B	7.9	9:37	8.42	8.03	30.53	24.8	5.13	14	113	0.36	NW
M1	20181212	Cloudy	Moderate	Mid-Flood	M	4.5	9:38	8.46	8.19	30.48	24.9	3.08	16	112	0.42	NW
M1	20181212	Cloudy	Moderate	Mid-Flood	M	4.5	9:38	8.5	8	30.05	24.8	3.15	16	113	0.39	NW
M1	20181212	Cloudy	Moderate	Mid-Flood	S	1	9:39	8.52	8.01	30.4	24.9	1.23	16	112	0.34	NW
M1	20181212	Cloudy	Moderate	Mid-Flood	S	1	9:39	8.56	8.08	30.18	24.8	1.31	15	114	0.3	W
C1	20181212	Cloudy	Moderate	Mid-Flood	B	11.2	10:05	8.68	8.07	30.11	24.8	5.63	10	112	0.26	NW
C1	20181212	Cloudy	Moderate	Mid-Flood	B	11.2	10:06	8.67	8.04	30.43	24.9	5.56	10	113	0.33	NW
C1	20181212	Cloudy	Moderate	Mid-Flood	M	6.1	10:06	8.71	8.04	30.62	24.9	3.11	9	113	0.47	NW
C1	20181212	Cloudy	Moderate	Mid-Flood	M	6.1	10:07	8.69	8.11	30.84	24.9	3.12	10	114	0.45	NW
C1	20181212	Cloudy	Moderate	Mid-Flood	S	1	10:07	8.67	8.01	30	24.9	1.78	9	113	0.48	NW
C1	20181212	Cloudy	Moderate	Mid-Flood	S	1	10:08	8.64	8.15	30.66	24.8	1.83	9	114	0.58	NW
F1	20181212	Cloudy	Moderate	Mid-Flood	B	7.9	10:09	8.36	8.04	30.15	24.8	5.84	10	113	0.36	NW
F1	20181212	Cloudy	Moderate	Mid-Flood	B	7.9	10:09	8.41	8.03	30.46	24.8	5.93	11	114	0.38	NW
F1	20181212	Cloudy	Moderate	Mid-Flood	M	4.5	10:10	8.43	8.04	30.09	24.8	3.61	10	113	0.4	NW
F1	20181212	Cloudy	Moderate	Mid-Flood	M	4.5	10:11	8.43	8.06	30.59	24.9	3.61	11	114	0.37	NW
F1	20181212	Cloudy	Moderate	Mid-Flood	S	1	10:11	8.39	8.14	30.14	24.8	1.84	11	114	0.52	NW
F1	20181212	Cloudy	Moderate	Mid-Flood	S	1	10:12	8.36	8.02	30.98	24.9	1.83	11	112	0.59	NW
B1	20181212	Cloudy	Moderate	Mid-Flood	B	4.8	10:31	8.36	8.03	30.35	24.8	5.38	13	113	0.2	NW
B1	20181212	Cloudy	Moderate	Mid-Flood	B	4.8	10:32	8.33	8	30.33	24.9	5.29	12	112	0.26	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
B1	20181212	Cloudy	Moderate	Mid-Flood	S	1	10:33	8.35	8.01	30.78	24.8	1.82	12	114	0.41	W
B1	20181212	Cloudy	Moderate	Mid-Flood	S	1	10:33	8.35	8.12	30.53	24.8	1.89	12	113	0.4	W
S1	20181212	Cloudy	Moderate	Mid-Flood	B	4.7	10:42	8.67	8.11	30.02	24.9	5.57	15	112	0.3	N
S1	20181212	Cloudy	Moderate	Mid-Flood	B	4.7	10:42	8.63	8.07	30.57	24.9	5.66	14	112	0.39	N
S1	20181212	Cloudy	Moderate	Mid-Flood	S	1	10:43	8.59	8.11	30	24.8	1.85	12	113	0.53	N
S1	20181212	Cloudy	Moderate	Mid-Flood	S	1	10:44	8.59	8.1	30.99	24.9	1.76	13	113	0.48	NW
B2	20181212	Cloudy	Moderate	Mid-Flood	B	4.8	10:54	8.82	8.17	30.37	24.9	5.05	11	113	0.49	N
B2	20181212	Cloudy	Moderate	Mid-Flood	B	4.8	10:55	8.87	8.15	30.98	24.8	5.15	11	114	0.51	N
B2	20181212	Cloudy	Moderate	Mid-Flood	S	1	10:56	8.85	8.06	30.31	24.8	1.99	10	113	0.5	N
B2	20181212	Cloudy	Moderate	Mid-Flood	S	1	10:56	8.8	8	30.95	24.9	2	12	113	0.47	N
H1	20181212	Cloudy	Moderate	Mid-Flood	B	7.7	10:49	8.9	8.06	30.66	24.8	5.79	11	113	0.22	W
H1	20181212	Cloudy	Moderate	Mid-Flood	B	7.7	10:49	8.87	8.08	30.42	24.9	5.82	11	115	0.19	W
H1	20181212	Cloudy	Moderate	Mid-Flood	M	4.4	10:50	8.91	8.14	30	24.8	3.52	8	114	0.23	W
H1	20181212	Cloudy	Moderate	Mid-Flood	M	4.4	10:51	8.87	8.19	30.71	24.8	3.48	8	114	0.27	W
H1	20181212	Cloudy	Moderate	Mid-Flood	S	1	10:51	8.91	8.1	30.16	24.8	1.72	9	114	0.25	W
H1	20181212	Cloudy	Moderate	Mid-Flood	S	1	10:52	8.9	8.12	30.28	24.8	1.65	9	114	0.38	W
S2	20181212	Cloudy	Moderate	Mid-Flood	B	8	11:13	8.38	8	30.84	24.8	5.31	11	114	0.32	NW
S2	20181212	Cloudy	Moderate	Mid-Flood	B	8	11:13	8.4	8.2	30.91	24.8	5.37	11	114	0.38	NW
S2	20181212	Cloudy	Moderate	Mid-Flood	M	4.5	11:14	8.41	8.11	30.37	24.8	3.45	10	115	0.4	NW
S2	20181212	Cloudy	Moderate	Mid-Flood	M	4.5	11:14	8.44	8.13	30.26	24.9	3.39	11	113	0.55	NW
S2	20181212	Cloudy	Moderate	Mid-Flood	S	1	11:15	8.4	8.01	30.23	24.9	1.51	11	114	0.64	NW
S2	20181212	Cloudy	Moderate	Mid-Flood	S	1	11:16	8.39	8.05	30.16	24.8	1.53	10	114	0.74	NW
B3	20181212	Cloudy	Moderate	Mid-Flood	B	4.7	11:06	8.84	8.07	30.18	24.9	5.62	14	113	0.42	N
B3	20181212	Cloudy	Moderate	Mid-Flood	B	4.7	11:07	8.82	8.1	30.11	24.8	5.62	14	111	0.55	N
B3	20181212	Cloudy	Moderate	Mid-Flood	S	1	11:07	8.77	8.04	30.58	24.9	1.46	10	114	0.7	N
B3	20181212	Cloudy	Moderate	Mid-Flood	S	1	11:08	8.77	8.06	30.13	24.8	1.54	11	113	0.74	N
B4	20181212	Cloudy	Moderate	Mid-Flood	B	4.8	11:19	8.41	8.18	30.38	24.9	5.38	16	113	0.22	N
B4	20181212	Cloudy	Moderate	Mid-Flood	B	4.8	11:19	8.41	8.07	30.18	24.9	5.45	16	114	0.23	N
B4	20181212	Cloudy	Moderate	Mid-Flood	S	1	11:20	8.36	8.04	30.62	24.8	1.84	14	112	0.35	N
B4	20181212	Cloudy	Moderate	Mid-Flood	S	1	11:21	8.39	8.07	30.81	24.8	1.83	13	114	0.46	N

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
C1	20181212	Fine	Moderate	Mid-Ebb	B	10.3	14:12	8.87	8.18	30.96	24.9	5.67	15	113	0.33	SE
C1	20181212	Fine	Moderate	Mid-Ebb	B	10.3	14:13	8.85	8.07	30.35	24.9	5.68	14	114	0.39	SE
C1	20181212	Fine	Moderate	Mid-Ebb	M	5.7	14:13	8.87	8.07	30.76	24.9	3.44	13	113	0.37	SE
C1	20181212	Fine	Moderate	Mid-Ebb	M	5.7	14:14	8.88	8.05	30.96	24.8	3.53	12	113	0.51	SE
C1	20181212	Fine	Moderate	Mid-Ebb	S	1	14:15	8.9	8.1	30.36	24.9	1.83	11	113	0.48	SE
C1	20181212	Fine	Moderate	Mid-Ebb	S	1	14:15	8.95	8.02	30.46	24.9	1.79	10	113	0.51	SE
M1	20181212	Fine	Moderate	Mid-Ebb	B	7.3	14:13	8.78	8.17	30.83	24.9	5.07	17	114	0.4	NW
M1	20181212	Fine	Moderate	Mid-Ebb	B	7.3	14:13	8.76	8.09	30.89	24.8	5.03	18	112	0.37	NW
M1	20181212	Fine	Moderate	Mid-Ebb	M	4.2	14:14	8.76	8.01	30.43	24.8	3.52	18	114	0.49	NW
M1	20181212	Fine	Moderate	Mid-Ebb	M	4.2	14:15	8.8	8	30.66	24.8	3.5	18	114	0.63	NW
M1	20181212	Fine	Moderate	Mid-Ebb	S	1	14:15	8.81	8	30.14	24.9	1.74	15	112	0.72	NW
M1	20181212	Fine	Moderate	Mid-Ebb	S	1	14:16	8.85	8.2	30.21	24.8	1.79	16	114	0.81	NW
B1	20181212	Fine	Moderate	Mid-Ebb	B	4.3	14:37	8.97	8.09	30.76	24.9	5.59	19	113	0.48	NE
B1	20181212	Fine	Moderate	Mid-Ebb	B	4.3	14:37	9	8.1	30.04	24.8	5.5	18	112	0.51	NE
B1	20181212	Fine	Moderate	Mid-Ebb	S	1	14:38	8.98	8.12	30.99	24.8	1.72	18	112	0.55	NE
B1	20181212	Fine	Moderate	Mid-Ebb	S	1	14:38	8.94	8.1	30.67	24.8	1.76	19	114	0.57	NE
S1	20181212	Fine	Moderate	Mid-Ebb	B	4.2	14:47	8.58	8.03	30.07	24.9	5.5	17	112	0.27	E
S1	20181212	Fine	Moderate	Mid-Ebb	B	4.2	14:48	8.57	8.08	30.39	24.8	5.56	18	113	0.23	E
S1	20181212	Fine	Moderate	Mid-Ebb	S	1	14:48	8.57	8.11	30.17	24.8	1.38	16	114	0.21	E
S1	20181212	Fine	Moderate	Mid-Ebb	S	1	14:49	8.58	8.19	30.48	24.8	1.41	16	113	0.2	E
B2	20181212	Fine	Moderate	Mid-Ebb	B	4.4	14:58	8.43	8.18	30.33	24.9	5.65	12	113	0.2	SE
B2	20181212	Fine	Moderate	Mid-Ebb	B	4.4	14:59	8.47	8.08	30.48	24.8	5.67	12	112	0.27	SE
B2	20181212	Fine	Moderate	Mid-Ebb	S	1	15:00	8.49	8.05	30.28	24.9	1.62	11	113	0.27	SE
B2	20181212	Fine	Moderate	Mid-Ebb	S	1	15:00	8.46	8.17	30.09	24.9	1.61	11	113	0.36	SE
F1	20181212	Fine	Moderate	Mid-Ebb	B	7.3	14:51	8.33	8.1	30.63	24.9	5.71	11	113	0.31	SE
F1	20181212	Fine	Moderate	Mid-Ebb	B	7.3	14:52	8.35	8.1	30.38	24.9	5.72	12	114	0.3	SE
F1	20181212	Fine	Moderate	Mid-Ebb	M	4.2	14:52	8.32	8.2	30.15	24.8	3.18	11	113	0.37	SE
F1	20181212	Fine	Moderate	Mid-Ebb	M	4.2	14:53	8.32	8.12	30.66	24.9	3.22	11	113	0.5	SE
F1	20181212	Fine	Moderate	Mid-Ebb	S	1	14:53	8.32	8.05	30.06	24.9	1.69	13	113	0.54	SE
F1	20181212	Fine	Moderate	Mid-Ebb	S	1	14:54	8.27	8.07	30.7	24.8	1.64	12	113	0.57	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 (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
S2	20181212	Fine	Moderate	Mid-Ebb	B	8.4	15:14	8.32	8.1	30.77	24.9	5.76	10	114	0.56	SE
S2	20181212	Fine	Moderate	Mid-Ebb	B	8.4	15:14	8.28	8.02	31	24.9	5.76	10	113	0.54	SE
S2	20181212	Fine	Moderate	Mid-Ebb	M	4.7	15:15	8.23	8.19	30.65	24.8	3.02	11	114	0.51	SE
S2	20181212	Fine	Moderate	Mid-Ebb	M	4.7	15:15	8.21	8.1	30.33	24.9	2.98	11	113	0.59	SE
S2	20181212	Fine	Moderate	Mid-Ebb	S	1	15:16	8.2	8.14	30.12	24.9	1.92	12	114	0.66	SE
S2	20181212	Fine	Moderate	Mid-Ebb	S	1	15:17	8.2	8.16	30.97	24.9	1.97	13	114	0.67	SE
C2	20181212	Fine	Moderate	Mid-Ebb	B	8.5	15:16	8.8	8.13	30.64	24.9	5.31	13	114	0.49	SE
C2	20181212	Fine	Moderate	Mid-Ebb	B	8.5	15:17	8.82	8.04	30.21	24.8	5.31	14	114	0.47	SE
C2	20181212	Fine	Moderate	Mid-Ebb	M	4.8	15:18	8.84	8.13	30.81	24.9	3.26	13	113	0.61	SE
C2	20181212	Fine	Moderate	Mid-Ebb	M	4.8	15:18	8.87	8.17	30.31	24.8	3.22	13	112	0.65	SE
C2	20181212	Fine	Moderate	Mid-Ebb	S	1	15:19	8.92	8.06	30.37	24.9	1.43	13	113	0.71	S
C2	20181212	Fine	Moderate	Mid-Ebb	S	1	15:19	8.96	8.16	30.23	24.8	1.4	13	113	0.83	S
S3	20181212	Fine	Moderate	Mid-Ebb	B	10.5	15:29	8.38	8.12	30.27	24.9	5.98	15	114	0.32	SE
S3	20181212	Fine	Moderate	Mid-Ebb	B	10.5	15:30	8.43	8.2	30.83	24.9	6.04	14	114	0.33	SE
S3	20181212	Fine	Moderate	Mid-Ebb	M	5.8	15:30	8.48	8.07	30.49	24.9	3.73	13	113	0.32	SE
S3	20181212	Fine	Moderate	Mid-Ebb	M	5.8	15:31	8.53	8.12	30.41	24.9	3.78	13	113	0.42	SE
S3	20181212	Fine	Moderate	Mid-Ebb	S	1	15:32	8.5	8.05	30.03	24.8	1.74	12	114	0.5	SE
S3	20181212	Fine	Moderate	Mid-Ebb	S	1	15:32	8.49	8.15	30.42	24.9	1.77	11	114	0.53	SE
CR2	20181212	Fine	Moderate	Mid-Ebb	B	7.3	15:38	8.4	8.08	30.5	24.9	5.97	11	113	0.41	E
CR2	20181212	Fine	Moderate	Mid-Ebb	B	7.3	15:38	8.36	8.08	30.78	24.9	5.88	10	114	0.54	E
CR2	20181212	Fine	Moderate	Mid-Ebb	M	4.2	15:39	8.36	8.15	30.67	24.9	3.93	14	114	0.66	E
CR2	20181212	Fine	Moderate	Mid-Ebb	M	4.2	15:40	8.38	8.09	30.18	24.9	3.93	14	114	0.78	E
CR2	20181212	Fine	Moderate	Mid-Ebb	S	1	15:40	8.38	8.16	30.6	24.8	1	13	114	0.87	E
CR2	20181212	Fine	Moderate	Mid-Ebb	S	1	15:41	8.34	8.08	30.36	24.9	0.96	13	114	0.88	E
H1	20181212	Fine	Moderate	Mid-Ebb	B	7.2	15:36	8.78	8.04	30.43	24.8	5.05	11	114	0.48	SE
H1	20181212	Fine	Moderate	Mid-Ebb	B	7.2	15:37	8.83	8.12	30.08	24.9	5.14	11	114	0.59	SE
H1	20181212	Fine	Moderate	Mid-Ebb	M	4.1	15:38	8.78	8.15	30.45	24.8	3.91	11	114	0.56	SE
H1	20181212	Fine	Moderate	Mid-Ebb	M	4.1	15:38	8.78	8.12	30.85	24.9	3.82	11	114	0.62	E
H1	20181212	Fine	Moderate	Mid-Ebb	S	1	15:39	8.75	8.02	30.9	24.8	1.42	14	113	0.6	E
H1	20181212	Fine	Moderate	Mid-Ebb	S	1	15:40	8.79	8.15	31	24.8	1.49	14	115	0.69	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
CR1	20181212	Fine	Moderate	Mid-Ebb	B	7.4	15:49	8.83	8.17	30.49	24.9	5.42	10	114	0.28	SE
CR1	20181212	Fine	Moderate	Mid-Ebb	B	7.4	15:50	8.88	8.07	30.58	24.8	5.41	11	114	0.25	SE
CR1	20181212	Fine	Moderate	Mid-Ebb	M	4.2	15:50	8.91	8.09	30.3	24.8	3.94	9	114	0.26	SE
CR1	20181212	Fine	Moderate	Mid-Ebb	M	4.2	15:51	8.95	8.08	30.21	24.9	3.94	10	114	0.3	SE
CR1	20181212	Fine	Moderate	Mid-Ebb	S	1	15:52	9	8.18	30.02	24.9	1.48	12	113	0.4	SE
CR1	20181212	Fine	Moderate	Mid-Ebb	S	1	15:52	8.99	8.09	30.4	24.8	1.48	12	113	0.41	SE
B3	20181212	Fine	Moderate	Mid-Ebb	B	4.3	15:50	8.52	8.05	30.29	24.9	5.61	15	113	0.33	SE
B3	20181212	Fine	Moderate	Mid-Ebb	B	4.3	15:50	8.5	8.05	30.84	24.8	5.54	16	114	0.31	SE
B3	20181212	Fine	Moderate	Mid-Ebb	S	1	15:51	8.53	8.12	30.59	24.9	1.97	13	112	0.43	SE
B3	20181212	Fine	Moderate	Mid-Ebb	S	1	15:52	8.54	8.1	30.73	24.9	2.06	13	113	0.58	SE
B4	20181212	Fine	Moderate	Mid-Ebb	B	4.5	16:01	8.37	8.18	30.83	24.8	5.83	12	112	0.21	S
B4	20181212	Fine	Moderate	Mid-Ebb	B	4.5	16:02	8.32	8.03	30.96	24.8	5.89	12	113	0.31	S
B4	20181212	Fine	Moderate	Mid-Ebb	S	1	16:03	8.36	8.17	30.09	24.9	1.54	12	113	0.4	S
B4	20181212	Fine	Moderate	Mid-Ebb	S	1	16:03	8.38	8.04	30.56	24.8	1.51	11	113	0.43	S
C2	20181215	Sunny	Calm	Mid-Flood	B	9.1	11:46	8.86	8.18	30.38	23.7	6.97	9	113	0.42	NE
C2	20181215	Sunny	Calm	Mid-Flood	B	9.1	11:46	8.87	8.17	30.02	23.6	7.02	10	114	0.38	NE
C2	20181215	Sunny	Calm	Mid-Flood	M	5.1	11:47	8.86	8.16	30.29	23.7	4.71	6	115	0.45	NE
C2	20181215	Sunny	Calm	Mid-Flood	M	5.1	11:47	8.81	8.01	29.69	23.7	4.67	7	115	0.48	NE
C2	20181215	Sunny	Calm	Mid-Flood	S	1	11:48	8.76	8.11	29.62	23.6	2.82	8	114	0.48	NE
C2	20181215	Sunny	Calm	Mid-Flood	S	1	11:49	8.74	8.04	29.68	23.7	2.87	8	114	0.49	NE
CR1	20181215	Sunny	Calm	Mid-Flood	B	7.9	11:55	8.8	8.02	30.09	23.7	6.79	13	114	0.35	NW
CR1	20181215	Sunny	Calm	Mid-Flood	B	7.9	11:56	8.79	8.07	29.71	23.7	6.77	13	115	0.45	NW
CR1	20181215	Sunny	Calm	Mid-Flood	M	4.5	11:56	8.78	8.02	30	23.6	4.08	11	114	0.52	NW
CR1	20181215	Sunny	Calm	Mid-Flood	M	4.5	11:57	8.79	8.15	30.26	23.7	4.11	11	114	0.5	NW
CR1	20181215	Sunny	Calm	Mid-Flood	S	1	11:58	8.84	8.16	30.33	23.7	2.93	12	114	0.52	NW
CR1	20181215	Sunny	Calm	Mid-Flood	S	1	11:58	8.82	8.1	30.22	23.7	2.89	12	114	0.48	W
S3	20181215	Sunny	Calm	Mid-Flood	B	11.4	12:04	9.35	8.17	29.66	23.7	6.66	10	113	0.5	NW
S3	20181215	Sunny	Calm	Mid-Flood	B	11.4	12:05	9.38	8.2	29.56	23.7	6.7	11	114	0.52	NW
S3	20181215	Sunny	Calm	Mid-Flood	M	6.2	12:05	9.34	8.04	29.89	23.7	4.55	12	114	0.61	W
S3	20181215	Sunny	Calm	Mid-Flood	M	6.2	12:06	9.36	8.02	30.1	23.6	4.6	11	114	0.56	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
S3	20181215	Sunny	Calm	Mid-Flood	S	1	12:06	9.37	8.11	30.42	23.7	2.94	15	114	0.61	W
S3	20181215	Sunny	Calm	Mid-Flood	S	1	12:07	9.33	8.08	30.42	23.6	2.89	15	114	0.66	W
CR2	20181215	Sunny	Calm	Mid-Flood	B	8.1	12:12	8.81	8.02	29.99	23.7	6.42	17	114	0.61	NW
CR2	20181215	Sunny	Calm	Mid-Flood	B	8.1	12:12	8.86	8.03	30.04	23.6	6.45	17	114	0.66	NW
CR2	20181215	Sunny	Calm	Mid-Flood	M	4.6	12:13	8.83	8.12	30.13	23.7	4.14	15	115	0.68	NW
CR2	20181215	Sunny	Calm	Mid-Flood	M	4.6	12:13	8.78	8.1	30.12	23.6	4.15	15	114	0.71	NW
CR2	20181215	Sunny	Calm	Mid-Flood	S	1	12:14	8.82	8.01	30.39	23.7	2.24	14	114	0.75	NW
CR2	20181215	Sunny	Calm	Mid-Flood	S	1	12:15	8.81	8.19	30.24	23.6	2.22	15	115	0.84	NW
M1	20181215	Sunny	Calm	Mid-Flood	B	7.7	12:13	8.94	8.09	30.17	23.7	6.51	15	114	0.34	NW
M1	20181215	Sunny	Calm	Mid-Flood	B	7.7	12:14	8.93	8.05	30.04	23.6	6.55	14	113	0.37	NW
M1	20181215	Sunny	Calm	Mid-Flood	M	4.4	12:15	8.89	8.06	30.37	23.6	4.45	15	114	0.39	NW
M1	20181215	Sunny	Calm	Mid-Flood	M	4.4	12:15	8.87	8.15	30.1	23.7	4.46	14	114	0.34	NW
M1	20181215	Sunny	Calm	Mid-Flood	S	1	12:16	8.85	8.11	30.39	23.7	2.33	13	115	0.44	W
M1	20181215	Sunny	Calm	Mid-Flood	S	1	12:16	8.8	8.13	30.3	23.6	2.32	14	114	0.52	W
C1	20181215	Sunny	Calm	Mid-Flood	B	11.3	12:44	8.88	8.13	30.29	23.7	6.79	10	114	0.46	NW
C1	20181215	Sunny	Calm	Mid-Flood	B	11.3	12:45	8.93	8.19	30.37	23.7	6.8	10	113	0.45	NW
C1	20181215	Sunny	Calm	Mid-Flood	M	6.2	12:45	8.91	8.09	29.63	23.7	4.79	11	113	0.48	NW
C1	20181215	Sunny	Calm	Mid-Flood	M	6.2	12:46	8.93	8.04	30.48	23.7	4.8	11	114	0.56	NW
C1	20181215	Sunny	Calm	Mid-Flood	S	1	12:46	8.93	8.03	30.02	23.7	2.02	12	113	0.59	NW
C1	20181215	Sunny	Calm	Mid-Flood	S	1	12:47	8.95	8.04	30.37	23.7	2.02	12	114	0.54	NW
F1	20181215	Sunny	Calm	Mid-Flood	B	7.7	12:44	8.97	8.11	29.57	23.6	6.19	11	114	0.38	NW
F1	20181215	Sunny	Calm	Mid-Flood	B	7.7	12:44	9.02	8.14	30.28	23.7	6.17	10	114	0.44	NW
F1	20181215	Sunny	Calm	Mid-Flood	M	4.4	12:45	8.97	8.07	29.99	23.6	4.48	10	115	0.54	NW
F1	20181215	Sunny	Calm	Mid-Flood	M	4.4	12:46	8.93	8	30.4	23.7	4.45	11	114	0.54	NW
F1	20181215	Sunny	Calm	Mid-Flood	S	1	12:46	8.98	8.09	29.58	23.7	2.33	9	115	0.6	NW
F1	20181215	Sunny	Calm	Mid-Flood	S	1	12:47	8.93	8.11	30.5	23.6	2.37	9	115	0.67	NW
B1	20181215	Sunny	Calm	Mid-Flood	B	4.6	13:07	9.22	8.1	30.31	23.6	6.07	11	115	0.47	NW
B1	20181215	Sunny	Calm	Mid-Flood	B	4.6	13:08	9.22	8.11	29.87	23.6	6.07	11	114	0.55	NW
B1	20181215	Sunny	Calm	Mid-Flood	S	1	13:09	9.22	8.12	29.97	23.7	2.93	12	115	0.53	NW
B1	20181215	Sunny	Calm	Mid-Flood	S	1	13:09	9.26	8.12	29.64	23.7	2.96	11	115	0.48	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
S1	20181215	Sunny	Calm	Mid-Flood	B	4.7	13:18	9.25	8.04	29.73	23.6	6.89	14	114	0.69	N
S1	20181215	Sunny	Calm	Mid-Flood	B	4.7	13:18	9.23	8.05	29.61	23.7	6.91	14	115	0.77	N
S1	20181215	Sunny	Calm	Mid-Flood	S	1	13:19	9.2	8.03	30.36	23.6	2.25	13	114	0.84	N
S1	20181215	Sunny	Calm	Mid-Flood	S	1	13:20	9.19	8.16	29.89	23.6	2.28	13	114	0.87	N
B2	20181215	Sunny	Calm	Mid-Flood	B	4.8	13:30	8.95	8.02	29.89	23.6	6.64	13	114	0.7	NW
B2	20181215	Sunny	Calm	Mid-Flood	B	4.8	13:31	9	8.13	30.13	23.6	6.59	13	114	0.66	N
B2	20181215	Sunny	Calm	Mid-Flood	S	1	13:32	8.99	8.08	30.48	23.7	2.77	17	114	0.73	NW
B2	20181215	Sunny	Calm	Mid-Flood	S	1	13:32	8.98	8.16	29.76	23.7	2.81	17	114	0.69	NW
H1	20181215	Sunny	Calm	Mid-Flood	B	7.8	13:26	9.27	8.2	29.98	23.7	6.88	9	115	0.48	W
H1	20181215	Sunny	Calm	Mid-Flood	B	7.8	13:26	9.3	8.06	30.17	23.7	6.92	9	113	0.45	W
H1	20181215	Sunny	Calm	Mid-Flood	M	4.4	13:27	9.32	8.13	29.89	23.7	4.45	9	115	0.45	W
H1	20181215	Sunny	Calm	Mid-Flood	M	4.4	13:28	9.37	8.12	29.59	23.6	4.47	8	114	0.53	W
H1	20181215	Sunny	Calm	Mid-Flood	S	1	13:28	9.42	8.2	30.11	23.7	2.36	8	114	0.6	W
H1	20181215	Sunny	Calm	Mid-Flood	S	1	13:29	9.4	8.13	30.22	23.7	2.31	8	115	0.63	W
B3	20181215	Sunny	Calm	Mid-Flood	B	4.7	13:43	9	8.13	29.91	23.6	6.65	12	114	0.48	NW
B3	20181215	Sunny	Calm	Mid-Flood	B	4.7	13:43	8.95	8.06	29.78	23.6	6.7	12	115	0.56	NW
B3	20181215	Sunny	Calm	Mid-Flood	S	1	13:44	8.99	8.03	29.97	23.7	2.58	15	114	0.51	NW
B3	20181215	Sunny	Calm	Mid-Flood	S	1	13:44	9.04	8.14	30.22	23.7	2.57	15	114	0.61	NW
B4	20181215	Sunny	Calm	Mid-Flood	B	4.8	13:56	9.3	8.01	30.09	23.6	6.67	14	114	0.6	N
B4	20181215	Sunny	Calm	Mid-Flood	B	4.8	13:57	9.26	8.05	30.41	23.6	6.71	14	114	0.68	N
B4	20181215	Sunny	Calm	Mid-Flood	S	1	13:57	9.22	8.08	29.63	23.6	2.02	16	114	0.67	N
B4	20181215	Sunny	Calm	Mid-Flood	S	1	13:58	9.17	8.15	30.11	23.7	1.97	14	114	0.69	N
S2	20181215	Sunny	Calm	Mid-Flood	B	8.1	13:46	8.95	8.05	30.39	23.7	6.47	15	114	0.57	NW
S2	20181215	Sunny	Calm	Mid-Flood	B	8.1	13:47	8.97	8.11	30.5	23.6	6.52	14	113	0.54	NW
S2	20181215	Sunny	Calm	Mid-Flood	M	4.6	13:48	8.94	8.09	30.43	23.7	4.51	12	115	0.56	NW
S2	20181215	Sunny	Calm	Mid-Flood	M	4.6	13:48	8.96	8.16	29.89	23.6	4.49	14	115	0.6	W
S2	20181215	Sunny	Calm	Mid-Flood	S	1	13:49	8.91	8.04	30.31	23.7	2.43	12	114	0.55	W
S2	20181215	Sunny	Calm	Mid-Flood	S	1	13:50	8.9	8.2	29.72	23.7	2.4	12	114	0.65	W
C1	20181215	Cloudy	Light	Mid-Ebb	B	10.2	18:07	9.3	8	30.03	23.7	6.4	13	114	0.37	SE
C1	20181215	Cloudy	Light	Mid-Ebb	B	10.2	18:08	9.32	8.01	29.86	23.7	6.35	13	113	0.44	SE

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
C1	20181215	Cloudy	Light	Mid-Ebb	M	5.6	18:08	9.28	8.02	29.51	23.6	4.45	14	112	0.53	SE
C1	20181215	Cloudy	Light	Mid-Ebb	M	5.6	18:09	9.29	8.14	30.29	23.7	4.43	14	113	0.57	SE
C1	20181215	Cloudy	Light	Mid-Ebb	S	1	18:10	9.28	8.13	30.11	23.6	2.12	14	113	0.59	SE
C1	20181215	Cloudy	Light	Mid-Ebb	S	1	18:10	9.23	8.05	29.93	23.6	2.07	13	114	0.54	SE
M1	20181215	Cloudy	Light	Mid-Ebb	B	7.3	18:14	9.08	8.11	29.57	23.6	6.18	14	113	0.4	N
M1	20181215	Cloudy	Light	Mid-Ebb	B	7.3	18:14	9.13	8.08	29.89	23.6	6.19	14	113	0.41	N
M1	20181215	Cloudy	Light	Mid-Ebb	M	4.2	18:15	9.08	8.2	30.29	23.7	4.88	10	113	0.5	N
M1	20181215	Cloudy	Light	Mid-Ebb	M	4.2	18:16	9.04	8.12	30.02	23.6	4.87	11	114	0.54	N
M1	20181215	Cloudy	Light	Mid-Ebb	S	1	18:16	9.07	8.04	30.28	23.6	2.34	10	113	0.49	N
M1	20181215	Cloudy	Light	Mid-Ebb	S	1	18:17	9.12	8.17	30.11	23.6	2.29	9	113	0.48	N
F1	20181215	Cloudy	Light	Mid-Ebb	B	7.2	18:45	8.81	8.1	30.45	23.7	6	12	114	0.63	SE
F1	20181215	Cloudy	Light	Mid-Ebb	B	7.2	18:45	8.79	8.15	29.99	23.7	5.99	12	114	0.64	SE
F1	20181215	Cloudy	Light	Mid-Ebb	M	4.1	18:46	8.75	8.16	29.66	23.6	4.61	15	114	0.59	SE
F1	20181215	Cloudy	Light	Mid-Ebb	M	4.1	18:46	8.75	8.01	30.11	23.6	4.56	14	113	0.58	SE
F1	20181215	Cloudy	Light	Mid-Ebb	S	1	18:47	8.73	8.1	30.11	23.6	2.86	14	113	0.65	SE
F1	20181215	Cloudy	Light	Mid-Ebb	S	1	18:48	8.69	8.07	29.93	23.6	2.91	14	113	0.69	SE
C2	20181215	Cloudy	Light	Mid-Ebb	B	8.5	19:10	9.3	8.19	30.48	23.6	6.68	11	113	0.41	S
C2	20181215	Cloudy	Light	Mid-Ebb	B	8.5	19:11	9.28	8.1	29.56	23.6	6.63	12	114	0.38	S
C2	20181215	Cloudy	Light	Mid-Ebb	M	4.8	19:11	9.31	8.09	29.82	23.6	4.09	9	113	0.41	S
C2	20181215	Cloudy	Light	Mid-Ebb	M	4.8	19:12	9.28	8.19	29.64	23.7	4.12	9	114	0.46	S
C2	20181215	Cloudy	Light	Mid-Ebb	S	1	19:13	9.28	8.11	29.77	23.7	2.19	9	114	0.52	S
C2	20181215	Cloudy	Light	Mid-Ebb	S	1	19:13	9.3	8	29.77	23.7	2.16	9	113	0.55	S
H1	20181215	Cloudy	Light	Mid-Ebb	B	7.2	19:30	9.19	8.05	29.98	23.6	6.93	9	114	0.45	SE
H1	20181215	Cloudy	Light	Mid-Ebb	B	7.2	19:31	9.15	8.07	29.53	23.7	6.94	10	114	0.51	SE
H1	20181215	Cloudy	Light	Mid-Ebb	M	4.1	19:31	9.17	8.18	29.54	23.6	4.79	9	114	0.53	SE
H1	20181215	Cloudy	Light	Mid-Ebb	M	4.1	19:32	9.21	8.15	30.17	23.7	4.79	10	113	0.49	SE
H1	20181215	Cloudy	Light	Mid-Ebb	S	1	19:32	9.17	8.14	29.73	23.7	2.14	10	113	0.48	SE
H1	20181215	Cloudy	Light	Mid-Ebb	S	1	19:33	9.18	8.04	29.51	23.7	2.12	10	113	0.56	SE
B3	20181215	Cloudy	Light	Mid-Ebb	B	4.3	19:50	8.99	8.17	29.99	23.7	6.29	8	115	0.51	SE
B3	20181215	Cloudy	Light	Mid-Ebb	B	4.3	19:50	8.95	8.08	29.74	23.7	6.31	8	114	0.61	SE

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
B3	20181215	Cloudy	Light	Mid-Ebb	S	1	19:51	8.9	8.1	29.68	23.6	2.39	8	114	0.57	SE
B3	20181215	Cloudy	Light	Mid-Ebb	S	1	19:51	8.93	8.11	30.1	23.7	2.43	8	115	0.57	SE
B4	20181215	Cloudy	Light	Mid-Ebb	B	4.5	20:05	9.17	8.05	29.78	23.6	6.63	7	114	0.6	S
B4	20181215	Cloudy	Light	Mid-Ebb	B	4.5	20:06	9.2	8.19	30.22	23.7	6.68	7	113	0.55	S
B4	20181215	Cloudy	Light	Mid-Ebb	S	1	20:06	9.16	8.01	29.7	23.7	2.31	7	113	0.56	S
B4	20181215	Cloudy	Light	Mid-Ebb	S	1	20:07	9.17	8.2	29.53	23.6	2.34	7	113	0.58	S
B1	20181215	Cloudy	Light	Mid-Ebb	B	4.4	18:26	9.16	8.19	29.97	23.6	6.78	15	114	0.37	NE
B1	20181215	Cloudy	Light	Mid-Ebb	B	4.4	18:26	9.2	8.05	30.15	23.7	6.73	14	114	0.37	NE
B1	20181215	Cloudy	Light	Mid-Ebb	S	1	18:27	9.23	8.07	30.12	23.7	2.92	14	114	0.41	NE
B1	20181215	Cloudy	Light	Mid-Ebb	S	1	18:27	9.28	8.1	30.48	23.7	2.95	13	114	0.49	NE
S1	20181215	Cloudy	Light	Mid-Ebb	B	4.2	18:33	9.22	8.19	29.56	23.7	6.31	16	114	0.58	E
S1	20181215	Cloudy	Light	Mid-Ebb	B	4.2	18:34	9.26	8.18	29.88	23.6	6.28	16	113	0.64	E
S1	20181215	Cloudy	Light	Mid-Ebb	S	1	18:34	9.31	8.16	29.85	23.6	2.13	13	114	0.69	E
S1	20181215	Cloudy	Light	Mid-Ebb	S	1	18:35	9.3	8.19	30.15	23.7	2.1	13	114	0.73	E
B2	20181215	Cloudy	Light	Mid-Ebb	B	4.1	18:37	8.94	8.19	30.47	23.7	6.19	15	114	0.34	SE
B2	20181215	Cloudy	Light	Mid-Ebb	B	4.1	18:37	8.97	8.15	30.15	23.7	6.2	15	114	0.34	SE
B2	20181215	Cloudy	Light	Mid-Ebb	S	1	18:38	8.92	8.08	29.74	23.7	2.97	16	114	0.37	SE
B2	20181215	Cloudy	Light	Mid-Ebb	S	1	18:38	8.88	8.15	29.65	23.7	2.98	14	114	0.4	SE
S2	20181215	Cloudy	Light	Mid-Ebb	B	7.5	18:41	9.37	8.1	29.84	23.7	6.78	13	114	0.46	SE
S2	20181215	Cloudy	Light	Mid-Ebb	B	7.5	18:42	9.42	8.04	30.19	23.6	6.77	13	114	0.43	SE
S2	20181215	Cloudy	Light	Mid-Ebb	M	4.3	18:42	9.47	8.19	30.19	23.6	4.18	14	113	0.53	SE
S2	20181215	Cloudy	Light	Mid-Ebb	M	4.3	18:43	9.46	8.02	30.45	23.7	4.14	15	115	0.49	SE
S2	20181215	Cloudy	Light	Mid-Ebb	S	1	18:43	9.48	8.18	30.05	23.7	2.45	14	114	0.56	SE
S2	20181215	Cloudy	Light	Mid-Ebb	S	1	18:44	9.53	8.09	29.97	23.6	2.5	14	114	0.62	SE
S3	20181215	Cloudy	Light	Mid-Ebb	B	10.6	18:55	9.08	8.1	29.52	23.7	6.41	11	114	0.44	SE
S3	20181215	Cloudy	Light	Mid-Ebb	B	10.6	18:55	9.09	8.11	29.59	23.7	6.46	12	114	0.51	SE
S3	20181215	Cloudy	Light	Mid-Ebb	M	5.8	18:56	9.1	8.01	29.86	23.6	4.81	12	114	0.47	SE
S3	20181215	Cloudy	Light	Mid-Ebb	M	5.8	18:57	9.08	8.18	30.39	23.6	4.81	12	114	0.47	SE
S3	20181215	Cloudy	Light	Mid-Ebb	S	1	18:57	9.05	8.12	30.37	23.7	2.83	12	114	0.44	SE
S3	20181215	Cloudy	Light	Mid-Ebb	S	1	18:58	9.02	8.2	30.14	23.6	2.82	14	113	0.49	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
CR2	20181215	Cloudy	Light	Mid-Ebb	B	8	19:01	9.2	8.04	29.6	23.7	6.73	18	114	0.69	E
CR2	20181215	Cloudy	Light	Mid-Ebb	B	8	19:02	9.24	8.1	30.35	23.7	6.68	17	114	0.64	E
CR2	20181215	Cloudy	Light	Mid-Ebb	M	4.5	19:03	9.19	8.04	29.95	23.6	4.92	14	115	0.62	E
CR2	20181215	Cloudy	Light	Mid-Ebb	M	4.5	19:03	9.21	8.12	30.3	23.6	4.89	15	114	0.64	E
CR2	20181215	Cloudy	Light	Mid-Ebb	S	1	19:04	9.2	8.04	30.34	23.7	2.37	14	114	0.65	E
CR2	20181215	Cloudy	Light	Mid-Ebb	S	1	19:04	9.24	8.13	29.58	23.7	2.39	14	114	0.69	E
CR1	20181215	Cloudy	Light	Mid-Ebb	B	7.8	19:18	8.91	8.11	30.19	23.7	6.17	16	114	0.34	SE
CR1	20181215	Cloudy	Light	Mid-Ebb	B	7.8	19:19	8.93	8.16	30.5	23.6	6.12	15	114	0.31	SE
CR1	20181215	Cloudy	Light	Mid-Ebb	M	4.4	19:19	8.97	8.14	30.43	23.6	4.99	14	114	0.36	SE
CR1	20181215	Cloudy	Light	Mid-Ebb	M	4.4	19:20	9.01	8.09	29.75	23.7	4.98	15	113	0.32	SE
CR1	20181215	Cloudy	Light	Mid-Ebb	S	1	19:21	9.01	8	29.78	23.6	2.7	14	114	0.35	SE
CR1	20181215	Cloudy	Light	Mid-Ebb	S	1	19:21	8.96	8	29.81	23.6	2.69	15	114	0.43	SE
C1	20181217	Cloudy	Moderate	Mid-Ebb	B	10.3	8:16	9.05	8.09	30.03	24.5	7.92	7	113	0.29	SE
C1	20181217	Cloudy	Moderate	Mid-Ebb	B	10.3	8:16	8.97	8.18	29.23	24.6	8.24	8	113	0.28	SE
C1	20181217	Cloudy	Moderate	Mid-Ebb	M	5.7	8:17	8.9	8.1	28.53	24.6	5.94	6	113	0.32	SE
C1	20181217	Cloudy	Moderate	Mid-Ebb	M	5.7	8:17	9	8.02	27.53	24.6	5.26	7	114	0.28	SE
C1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:18	8.91	8.05	27.73	24.6	3.83	6	114	0.59	SE
C1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:19	8.86	8.09	28.13	24.5	3.05	7	116	0.54	SE
S3	20181217	Cloudy	Moderate	Mid-Ebb	B	10.5	8:16	8.9	8.07	30.21	24.5	7.94	9	114	0.27	SE
S3	20181217	Cloudy	Moderate	Mid-Ebb	B	10.5	8:17	8.91	8.1	30.61	24.5	6.99	9	115	0.26	SE
S3	20181217	Cloudy	Moderate	Mid-Ebb	M	5.8	8:17	8.91	8.12	29.91	24.6	5.1	9	114	0.34	E
S3	20181217	Cloudy	Moderate	Mid-Ebb	M	5.8	8:18	8.81	8.12	30.41	24.6	4.32	8	115	0.29	E
S3	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:19	8.81	8.07	30.91	24.5	3.61	9	115	0.55	E
S3	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:19	8.88	8.19	31.61	24.5	4.35	9	115	0.58	E
CR1	20181217	Cloudy	Moderate	Mid-Ebb	B	7.7	8:23	9.1	8.07	29.51	24.5	7.81	15	113	0.26	SE
CR1	20181217	Cloudy	Moderate	Mid-Ebb	B	7.7	8:24	9.11	8.01	30.21	24.6	8.4	14	113	0.27	SE
CR1	20181217	Cloudy	Moderate	Mid-Ebb	M	4.4	8:24	9.15	8.15	30.01	24.6	5.92	13	114	0.3	SE
CR1	20181217	Cloudy	Moderate	Mid-Ebb	M	4.4	8:25	9.13	8.19	29.91	24.6	5.45	14	114	0.29	SE
CR1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:25	9.09	8.15	30.21	24.6	3.93	10	115	0.54	SE
CR1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:26	9.1	8.03	30.41	24.6	3.45	10	112	0.57	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
CR2	20181217	Cloudy	Moderate	Mid-Ebb	B	7.9	8:34	9.07	8.04	29.92	24.5	7.83	8	115	0.22	SE
CR2	20181217	Cloudy	Moderate	Mid-Ebb	B	7.9	8:34	9.08	8.07	29.22	24.5	8.6	8	114	0.18	SE
CR2	20181217	Cloudy	Moderate	Mid-Ebb	M	4.5	8:35	9	8.15	29.72	24.6	5.92	10	114	0.37	SE
CR2	20181217	Cloudy	Moderate	Mid-Ebb	M	4.5	8:35	9.05	8.05	30.32	24.6	5.44	10	115	0.41	SE
CR2	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:36	9.09	8.15	29.42	24.5	3.5	11	114	0.57	SE
CR2	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:37	9.13	8.18	29.12	24.6	4.35	10	115	0.59	SE
B1	20181217	Cloudy	Moderate	Mid-Ebb	B	4.3	8:40	8.63	8.08	29.68	24.5	7.69	6	114	0.21	NE
B1	20181217	Cloudy	Moderate	Mid-Ebb	B	4.3	8:41	8.62	8.05	30.58	24.6	8.6	6	114	0.26	NE
B1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:42	8.71	8.1	29.78	24.5	3.32	5	115	0.58	NE
B1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:42	8.81	8.13	30.48	24.6	4.21	6	113	0.57	NE
H1	20181217	Cloudy	Moderate	Mid-Ebb	B	7.1	8:43	9.01	8.07	29.39	24.6	7.39	9	114	0.25	NE
H1	20181217	Cloudy	Moderate	Mid-Ebb	B	7.1	8:43	9.02	8.19	29.39	24.6	7.42	9	114	0.26	E
H1	20181217	Cloudy	Moderate	Mid-Ebb	M	4.1	8:44	9.01	8.11	28.89	24.5	5.17	8	115	0.38	E
H1	20181217	Cloudy	Moderate	Mid-Ebb	M	4.1	8:45	8.95	8.08	28.49	24.6	6	8	114	0.43	E
H1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:45	8.94	8.05	27.49	24.6	3.04	9	114	0.6	E
H1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:46	9.02	8.04	28.09	24.6	2.41	8	113	0.65	E
S1	20181217	Cloudy	Moderate	Mid-Ebb	B	4.2	8:50	8.65	8.1	29.9	24.6	7.86	8	114	0.23	E
S1	20181217	Cloudy	Moderate	Mid-Ebb	B	4.2	8:51	8.68	8.06	29.1	24.6	8.76	8	112	0.21	E
S1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:52	8.74	8.15	28.6	24.5	3.39	7	114	0.6	E
S1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	8:52	8.84	8.08	29.3	24.6	2.89	7	114	0.57	E
B2	20181217	Cloudy	Moderate	Mid-Ebb	B	4.2	9:00	9.07	8.18	30.08	24.6	7.78	9	113	0.22	E
B2	20181217	Cloudy	Moderate	Mid-Ebb	B	4.2	9:01	9.15	8.19	29.88	24.6	8.76	9	113	0.18	SE
B2	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:01	9.12	8.08	30.08	24.6	3.32	8	114	0.54	SE
B2	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:02	9.08	8.07	29.88	24.6	3.96	8	113	0.53	SE
S2	20181217	Cloudy	Moderate	Mid-Ebb	B	7.3	9:17	8.6	8.17	29.54	24.5	7.25	8	115	0.26	SE
S2	20181217	Cloudy	Moderate	Mid-Ebb	B	7.3	9:18	8.57	8.07	29.24	24.6	6.27	9	114	0.21	SE
S2	20181217	Cloudy	Moderate	Mid-Ebb	M	4.2	9:19	8.59	8.05	30.04	24.6	5.7	6	114	0.33	SE
S2	20181217	Cloudy	Moderate	Mid-Ebb	M	4.2	9:19	8.64	8.06	29.24	24.6	5.1	7	116	0.31	SE
S2	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:20	8.71	8.06	28.24	24.6	3.01	5	113	0.6	SE
S2	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:20	8.69	8.09	28.24	24.6	3.35	5	114	0.64	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
F1	20181217	Cloudy	Moderate	Mid-Ebb	B	7.4	9:22	9.13	8.06	29.75	24.5	7.56	5	114	0.28	SE
F1	20181217	Cloudy	Moderate	Mid-Ebb	B	7.4	9:23	9.1	8.11	30.55	24.6	8.02	6	114	0.27	SE
F1	20181217	Cloudy	Moderate	Mid-Ebb	M	4.2	9:23	9.12	8.19	30.05	24.6	5.59	6	114	0.3	SE
F1	20181217	Cloudy	Moderate	Mid-Ebb	M	4.2	9:24	9.09	8	30.25	24.6	5.32	6	114	0.32	SE
F1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:25	9.11	8.17	31.05	24.6	3.84	7	114	0.51	SE
F1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:25	9.07	8.06	30.65	24.6	4.51	8	114	0.5	SE
B3	20181217	Cloudy	Moderate	Mid-Ebb	B	4.4	9:30	8.53	8	29.52	24.5	7.41	7	113	0.27	E
B3	20181217	Cloudy	Moderate	Mid-Ebb	B	4.4	9:30	8.6	8.09	29.02	24.5	7.65	8	113	0.32	E
B3	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:31	8.5	8.08	28.62	24.5	3.7	6	114	0.54	E
B3	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:32	8.51	8.07	28.92	24.6	4.13	7	113	0.49	E
B4	20181217	Cloudy	Moderate	Mid-Ebb	B	4.3	9:43	9.04	8.07	29.88	24.6	7.27	10	114	0.27	SE
B4	20181217	Cloudy	Moderate	Mid-Ebb	B	4.3	9:44	9.14	8.04	30.38	24.5	6.43	10	114	0.28	SE
B4	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:45	9.06	8.06	31.18	24.6	3.09	8	115	0.6	SE
B4	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:45	9.05	8.14	31.88	24.6	3.89	7	114	0.6	SE
C2	20181217	Cloudy	Moderate	Mid-Ebb	B	8.3	9:53	8.83	8.06	30.14	24.5	7.72	4	114	0.21	SE
C2	20181217	Cloudy	Moderate	Mid-Ebb	B	8.3	9:53	8.87	8.2	30.64	24.6	8.62	5	113	0.22	SE
C2	20181217	Cloudy	Moderate	Mid-Ebb	M	4.7	9:54	8.79	8.01	30.04	24.6	5.34	8	114	0.4	SE
C2	20181217	Cloudy	Moderate	Mid-Ebb	M	4.7	9:55	8.86	8.06	29.44	24.5	6.19	8	114	0.38	SE
C2	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:55	8.92	8.16	29.64	24.6	3.28	8	114	0.58	S
C2	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:56	9.01	8.09	30.64	24.5	3.96	7	114	0.57	S
M1	20181217	Cloudy	Moderate	Mid-Ebb	B	7.5	9:53	9.02	8.11	29.88	24.5	7	15	113	0.27	S
M1	20181217	Cloudy	Moderate	Mid-Ebb	B	7.5	9:54	9.03	8.04	30.28	24.6	6.76	16	114	0.23	S
M1	20181217	Cloudy	Moderate	Mid-Ebb	M	4.3	9:55	9.08	8.14	30.68	24.6	5.16	13	114	0.37	S
M1	20181217	Cloudy	Moderate	Mid-Ebb	M	4.3	9:55	9.02	8.17	29.88	24.6	4.68	14	115	0.34	S
M1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:56	9.09	8.04	30.48	24.6	3.61	11	114	0.54	SW
M1	20181217	Cloudy	Moderate	Mid-Ebb	S	1	9:57	9.14	8.04	31.18	24.5	4.15	10	114	0.56	SW
C2	20181217	Fine	Moderate	Mid-Flood	B	9.3	12:53	8.72	8.15	30.3	24.6	7.81	5	113	0.28	NE
C2	20181217	Fine	Moderate	Mid-Flood	B	9.3	12:54	8.74	8.15	30.8	24.5	6.9	6	115	0.26	NE
C2	20181217	Fine	Moderate	Mid-Flood	M	5.2	12:54	8.66	8.16	31.2	24.5	5.12	8	113	0.39	NE
C2	20181217	Fine	Moderate	Mid-Flood	M	5.2	12:55	8.7	8.19	31.5	24.5	5.07	8	114	0.37	N

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
C2	20181217	Fine	Moderate	Mid-Flood	S	1	12:56	8.64	8.18	30.7	24.5	3.4	7	113	0.56	N
C2	20181217	Fine	Moderate	Mid-Flood	S	1	12:56	8.74	8.2	31.1	24.6	4.05	7	114	0.56	N
CR1	20181217	Fine	Moderate	Mid-Flood	B	8.1	13:05	8.78	8.05	29.6	24.6	7.67	7	114	0.28	W
CR1	20181217	Fine	Moderate	Mid-Flood	B	8.1	13:05	8.8	8.11	29.5	24.6	6.72	7	114	0.33	W
CR1	20181217	Fine	Moderate	Mid-Flood	M	4.6	13:06	8.76	8.19	30	24.6	5.27	7	114	0.38	W
CR1	20181217	Fine	Moderate	Mid-Flood	M	4.6	13:07	8.73	8.07	30.9	24.5	5.54	7	114	0.38	W
CR1	20181217	Fine	Moderate	Mid-Flood	S	1	13:07	8.79	8.04	30.6	24.5	3.44	6	114	0.5	W
CR1	20181217	Fine	Moderate	Mid-Flood	S	1	13:08	8.78	8	30.8	24.6	3	6	114	0.52	W
S3	20181217	Fine	Moderate	Mid-Flood	B	11.5	13:14	8.51	8.02	30.13	24.5	7.51	7	114	0.24	W
S3	20181217	Fine	Moderate	Mid-Flood	B	11.5	13:14	8.53	8.2	29.43	24.5	8.02	8	114	0.28	W
S3	20181217	Fine	Moderate	Mid-Flood	M	6.3	13:15	8.44	8.05	30.13	24.6	5.33	8	114	0.36	W
S3	20181217	Fine	Moderate	Mid-Flood	M	6.3	13:15	8.51	8.18	30.23	24.6	5.7	7	113	0.41	W
S3	20181217	Fine	Moderate	Mid-Flood	S	1	13:16	8.54	8.08	29.73	24.6	3.63	8	114	0.53	W
S3	20181217	Fine	Moderate	Mid-Flood	S	1	13:17	8.51	8	30.13	24.6	3.08	8	114	0.52	W
CR2	20181217	Fine	Moderate	Mid-Flood	B	8.3	13:21	8.51	8.05	29.7	24.6	7.77	6	114	0.3	W
CR2	20181217	Fine	Moderate	Mid-Flood	B	8.3	13:22	8.6	8.08	29.9	24.5	7.09	6	114	0.33	W
CR2	20181217	Fine	Moderate	Mid-Flood	M	4.7	13:22	8.66	8.05	30.4	24.5	5.1	6	115	0.31	NW
CR2	20181217	Fine	Moderate	Mid-Flood	M	4.7	13:23	8.64	8.14	30.7	24.6	5.86	6	115	0.36	NW
CR2	20181217	Fine	Moderate	Mid-Flood	S	1	13:24	8.67	8.06	30.2	24.5	3.66	8	114	0.54	NW
CR2	20181217	Fine	Moderate	Mid-Flood	S	1	13:24	8.6	8.04	30	24.6	3.66	6	113	0.58	NW
M1	20181217	Fine	Moderate	Mid-Flood	B	7.6	13:23	8.89	8.06	29.61	24.5	7.6	9	114	0.29	NW
M1	20181217	Fine	Moderate	Mid-Flood	B	7.6	13:24	8.86	8.11	30.31	24.5	7.2	10	112	0.33	NW
M1	20181217	Fine	Moderate	Mid-Flood	M	4.3	13:24	8.76	8.13	30.31	24.5	5.43	7	113	0.36	NW
M1	20181217	Fine	Moderate	Mid-Flood	M	4.3	13:25	8.75	8.02	29.31	24.5	5.63	6	113	0.41	N
M1	20181217	Fine	Moderate	Mid-Flood	S	1	13:25	8.65	8.2	30.31	24.6	3.19	4	114	0.54	NW
M1	20181217	Fine	Moderate	Mid-Flood	S	1	13:26	8.71	8.15	30.81	24.6	2.52	5	113	0.59	NW
C1	20181217	Fine	Moderate	Mid-Flood	B	11.1	13:48	8.87	8.06	29.37	24.6	7.72	6	114	0.24	NW
C1	20181217	Fine	Moderate	Mid-Flood	B	11.1	13:48	8.82	8.13	28.57	24.6	8.38	7	114	0.29	NW
C1	20181217	Fine	Moderate	Mid-Flood	M	6.1	13:49	8.87	8.11	28.37	24.6	5.02	5	113	0.3	NW
C1	20181217	Fine	Moderate	Mid-Flood	M	6.1	13:49	8.96	8.06	28.17	24.5	5.8	5	112	0.25	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
C1	20181217	Fine	Moderate	Mid-Flood	S	1	13:50	9	8.16	28.17	24.5	3.79	5	112	0.59	NW
C1	20181217	Fine	Moderate	Mid-Flood	S	1	13:51	9.1	8.03	28.47	24.5	4.34	6	113	0.56	NW
F1	20181217	Fine	Moderate	Mid-Flood	B	7.5	13:54	9.16	8.14	29.5	24.6	7.29	10	114	0.28	NW
F1	20181217	Fine	Moderate	Mid-Flood	B	7.5	13:55	9.11	8.07	29.6	24.5	8.12	9	114	0.29	NW
F1	20181217	Fine	Moderate	Mid-Flood	M	4.3	13:56	9.05	8.05	29.7	24.6	5.74	10	113	0.34	NW
F1	20181217	Fine	Moderate	Mid-Flood	M	4.3	13:56	9.08	8.14	30	24.6	6.06	9	113	0.36	NW
F1	20181217	Fine	Moderate	Mid-Flood	S	1	13:57	9.16	8.1	30.4	24.6	3.04	7	114	0.51	NW
F1	20181217	Fine	Moderate	Mid-Flood	S	1	13:57	9.18	8.13	30	24.6	3.57	7	114	0.5	NW
B1	20181217	Fine	Moderate	Mid-Flood	B	4.7	14:11	9.06	8.18	29.3	24.6	7.96	8	114	0.3	NW
B1	20181217	Fine	Moderate	Mid-Flood	B	4.7	14:12	9.02	8.06	29.7	24.5	7	7	113	0.31	W
B1	20181217	Fine	Moderate	Mid-Flood	S	1	14:12	9.01	8.05	30.6	24.6	3.23	9	113	0.57	W
B1	20181217	Fine	Moderate	Mid-Flood	S	1	14:13	8.95	8.2	30.1	24.5	2.29	10	114	0.52	NW
S1	20181217	Fine	Moderate	Mid-Flood	B	4.9	14:11	8.92	8.15	30.17	24.5	7.79	8	113	0.27	N
S1	20181217	Fine	Moderate	Mid-Flood	B	4.9	14:11	8.89	8.04	30.97	24.5	8.6	9	115	0.26	N
S1	20181217	Fine	Moderate	Mid-Flood	S	1	14:12	8.84	8.07	30.47	24.5	3.48	7	114	0.56	N
S1	20181217	Fine	Moderate	Mid-Flood	S	1	14:12	8.75	8.03	31.17	24.5	3.88	7	115	0.57	N
B2	20181217	Fine	Moderate	Mid-Flood	B	4.8	14:33	9	8.12	29.85	24.6	7.65	6	114	0.27	N
B2	20181217	Fine	Moderate	Mid-Flood	B	4.8	14:34	9.1	8.04	29.95	24.6	7.6	8	114	0.32	N
B2	20181217	Fine	Moderate	Mid-Flood	S	1	14:34	9.18	8.19	29.85	24.5	3.77	6	112	0.5	N
B2	20181217	Fine	Moderate	Mid-Flood	S	1	14:35	9.17	8	30.15	24.6	4.74	7	113	0.48	N
H1	20181217	Fine	Moderate	Mid-Flood	B	7.9	14:35	8.54	8.01	29.99	24.5	7.59	11	116	0.23	W
H1	20181217	Fine	Moderate	Mid-Flood	B	7.9	14:36	8.47	8.06	30.09	24.5	7.08	12	114	0.22	W
H1	20181217	Fine	Moderate	Mid-Flood	M	4.5	14:37	8.42	8.11	30.09	24.5	5.98	10	114	0.33	W
H1	20181217	Fine	Moderate	Mid-Flood	M	4.5	14:37	8.37	8.13	30.89	24.5	6.31	10	115	0.34	W
H1	20181217	Fine	Moderate	Mid-Flood	S	1	14:38	8.36	8.06	31.49	24.5	3.89	11	114	0.56	W
H1	20181217	Fine	Moderate	Mid-Flood	S	1	14:39	8.38	8.08	30.79	24.6	3.73	11	114	0.57	W
S2	20181217	Fine	Moderate	Mid-Flood	B	8	14:49	8.93	8.15	29.61	24.5	7.66	11	113	0.22	NW
S2	20181217	Fine	Moderate	Mid-Flood	B	8	14:50	8.86	8.2	28.91	24.6	8.26	10	113	0.26	NW
S2	20181217	Fine	Moderate	Mid-Flood	M	4.5	14:50	8.87	8.08	29.21	24.5	5.18	10	113	0.36	NW
S2	20181217	Fine	Moderate	Mid-Flood	M	4.5	14:51	8.77	8.19	29.61	24.5	4.79	10	113	0.34	NW

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
S2	20181217	Fine	Moderate	Mid-Flood	S	1	14:52	8.8	8.08	29.11	24.5	3.62	9	113	0.59	NW
S2	20181217	Fine	Moderate	Mid-Flood	S	1	14:52	8.88	8.01	29.01	24.6	4.28	10	114	0.61	NW
B3	20181217	Fine	Moderate	Mid-Flood	B	4.6	14:54	9.06	8.04	29.41	24.6	7.17	8	115	0.2	W
B3	20181217	Fine	Moderate	Mid-Flood	B	4.6	14:54	8.96	8.19	29.81	24.5	7.77	8	114	0.16	W
B3	20181217	Fine	Moderate	Mid-Flood	S	1	14:55	8.98	8.03	29.41	24.5	3.72	8	113	0.57	W
B3	20181217	Fine	Moderate	Mid-Flood	S	1	14:56	8.89	8.1	30.41	24.6	3.51	9	115	0.61	NW
B4	20181217	Fine	Moderate	Mid-Flood	B	4.7	15:06	8.84	8.04	29.39	24.5	7.46	10	113	0.21	N
B4	20181217	Fine	Moderate	Mid-Flood	B	4.7	15:07	8.89	8.04	29.99	24.6	6.7	11	114	0.22	N
B4	20181217	Fine	Moderate	Mid-Flood	S	1	15:08	8.98	8.03	30.09	24.6	3.84	8	114	0.51	NW
B4	20181217	Fine	Moderate	Mid-Flood	S	1	15:08	9	8.12	29.39	24.6	2.88	8	114	0.51	N
C1	20181219	Cloudy	Moderate	Mid-Ebb	B	10.1	8:10	9.33	8.2	29.82	21.2	7.35	10	113	0.23	SE
C1	20181219	Cloudy	Moderate	Mid-Ebb	B	10.1	8:10	9.24	8.16	29.95	21.2	7.32	11	114	0.28	SE
C1	20181219	Cloudy	Moderate	Mid-Ebb	M	5.6	8:11	9.25	8.11	30.02	21.2	5.66	8	113	0.46	SE
C1	20181219	Cloudy	Moderate	Mid-Ebb	M	5.6	8:11	9.24	8.06	29.91	21.2	5.7	9	114	0.49	SE
C1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	8:12	9.27	8.11	30.04	21.2	3.74	8	112	0.62	SE
C1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	8:13	9.36	8.13	29.81	21.2	3.82	6	114	0.63	SE
M1	20181219	Cloudy	Moderate	Mid-Ebb	B	7.4	8:17	9.24	8.12	29.7	21.2	7.18	12	113	0.24	SE
M1	20181219	Cloudy	Moderate	Mid-Ebb	B	7.4	8:18	9.21	8.01	29.87	21.2	7.1	12	114	0.19	SE
M1	20181219	Cloudy	Moderate	Mid-Ebb	M	4.2	8:18	9.31	8.07	30.16	21.2	5.24	13	114	0.48	SE
M1	20181219	Cloudy	Moderate	Mid-Ebb	M	4.2	8:19	9.27	8.05	29.75	21.2	5.23	12	113	0.48	SE
M1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	8:20	9.29	8.02	29.89	21.1	3.7	17	113	0.69	S
M1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	8:20	9.35	8.15	29.95	21.1	3.64	17	114	0.64	S
B1	20181219	Cloudy	Moderate	Mid-Ebb	B	4.4	8:33	8.96	8.01	29.94	21.1	7.33	9	113	0.28	NE
B1	20181219	Cloudy	Moderate	Mid-Ebb	B	4.4	8:34	9	8.03	29.95	21.1	7.32	6	114	0.24	NE
B1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	8:34	8.98	8.04	29.91	21.1	3.49	7	114	0.66	NE
B1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	8:35	8.95	8.04	30.02	21.1	3.58	9	113	0.66	NE
S1	20181219	Cloudy	Moderate	Mid-Ebb	B	4.3	8:44	9.33	8.05	29.96	21.2	7.36	8	113	0.24	NE
S1	20181219	Cloudy	Moderate	Mid-Ebb	B	4.3	8:45	9.34	8.1	29.78	21.1	7.3	10	113	0.26	NE
S1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	8:46	9.31	8.06	30.1	21.2	3.51	5	112	0.69	NE
S1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	8:46	9.29	8.11	30.09	21.1	3.44	7	113	0.71	NE

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
F1	20181219	Cloudy	Moderate	Mid-Ebb	B	7.3	8:47	9.3	8.02	29.7	21.1	7.65	12	114	0.27	NE
F1	20181219	Cloudy	Moderate	Mid-Ebb	B	7.3	8:47	9.31	8.18	30.01	21.1	7.7	10	112	0.27	SE
F1	20181219	Cloudy	Moderate	Mid-Ebb	M	4.2	8:48	9.3	8.16	30.11	21.1	5.96	12	113	0.48	SE
F1	20181219	Cloudy	Moderate	Mid-Ebb	M	4.2	8:49	9.34	8.01	30.05	21.2	5.9	12	114	0.48	SE
F1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	8:49	9.38	8.18	29.73	21.2	3.62	9	113	0.65	SE
F1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	8:50	9.34	8.05	30.11	21.2	3.55	8	113	0.61	SE
B2	20181219	Cloudy	Moderate	Mid-Ebb	B	4.4	8:55	9.09	8.2	29.83	21.2	7.99	7	114	0.3	SE
B2	20181219	Cloudy	Moderate	Mid-Ebb	B	4.4	8:55	9.14	8.2	29.91	21.2	7.92	6	114	0.3	SE
B2	20181219	Cloudy	Moderate	Mid-Ebb	S	1	8:56	9.09	8.17	29.84	21.2	3.49	9	113	0.66	SE
B2	20181219	Cloudy	Moderate	Mid-Ebb	S	1	8:56	9.04	8.15	30.06	21.1	3.57	8	114	0.67	SE
S2	20181219	Cloudy	Moderate	Mid-Ebb	B	7.4	9:11	9.22	8.1	30.12	21.2	7.86	10	114	0.23	SE
S2	20181219	Cloudy	Moderate	Mid-Ebb	B	7.4	9:12	9.27	8.19	30.2	21.1	7.82	8	113	0.25	SE
S2	20181219	Cloudy	Moderate	Mid-Ebb	M	4.2	9:12	9.36	8.15	30.1	21.1	5.63	12	113	0.46	SE
S2	20181219	Cloudy	Moderate	Mid-Ebb	M	4.2	9:13	9.33	8.11	29.94	21.2	5.73	11	113	0.5	SE
S2	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:13	9.25	8.05	29.87	21.2	3.3	13	114	0.66	SE
S2	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:14	9.15	8.07	29.89	21.1	3.37	12	113	0.61	SE
C2	20181219	Cloudy	Moderate	Mid-Ebb	B	8.3	9:12	9.01	8.08	29.86	21.1	7.74	9	113	0.25	S
C2	20181219	Cloudy	Moderate	Mid-Ebb	B	8.3	9:12	9.03	8.08	29.96	21.2	7.67	9	113	0.25	S
C2	20181219	Cloudy	Moderate	Mid-Ebb	M	4.7	9:13	9.05	8.19	29.97	21.1	5	9	113	0.43	S
C2	20181219	Cloudy	Moderate	Mid-Ebb	M	4.7	9:14	9.1	8.13	30.12	21.2	5.06	10	114	0.46	S
C2	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:14	9.09	8.18	30.16	21.1	3.03	10	111	0.63	S
C2	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:15	8.99	8.15	29.89	21.1	3.04	10	113	0.67	S
CR2	20181219	Cloudy	Moderate	Mid-Ebb	B	8.2	9:23	8.99	8.15	29.98	21.1	7.56	17	113	0.23	SE
CR2	20181219	Cloudy	Moderate	Mid-Ebb	B	8.2	9:24	8.92	8.07	29.8	21.2	7.61	18	113	0.25	SE
CR2	20181219	Cloudy	Moderate	Mid-Ebb	M	4.6	9:25	8.97	8.11	30.08	21.1	5.43	16	114	0.5	SE
CR2	20181219	Cloudy	Moderate	Mid-Ebb	M	4.6	9:25	9.07	8.14	29.75	21.2	5.42	17	113	0.55	SE
CR2	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:26	8.99	8.18	30.13	21.2	3.79	12	113	0.6	SE
CR2	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:26	8.93	8.08	29.77	21.1	3.75	12	113	0.57	SE
S3	20181219	Cloudy	Moderate	Mid-Ebb	B	10.7	9:33	9.16	8.07	29.71	21.2	7.68	18	113	0.27	SE
S3	20181219	Cloudy	Moderate	Mid-Ebb	B	10.7	9:34	9.24	8.14	29.92	21.2	7.59	16	113	0.29	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
S3	20181219	Cloudy	Moderate	Mid-Ebb	M	5.9	9:34	9.32	8.2	30.18	21.2	5.07	9	113	0.46	SE
S3	20181219	Cloudy	Moderate	Mid-Ebb	M	5.9	9:35	9.23	8.05	30.17	21.1	5.14	10	114	0.5	S
S3	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:36	9.29	8.12	29.74	21.1	3.36	10	113	0.66	S
S3	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:36	9.32	8.11	29.72	21.2	3.26	8	113	0.67	SE
H1	20181219	Cloudy	Moderate	Mid-Ebb	B	7.3	9:34	8.91	8.06	30.07	21.1	7.9	4	114	0.26	E
H1	20181219	Cloudy	Moderate	Mid-Ebb	B	7.3	9:34	8.85	8.09	30.13	21.2	7.92	5	114	0.22	E
H1	20181219	Cloudy	Moderate	Mid-Ebb	M	4.2	9:35	8.75	8.11	29.94	21.2	5.72	7	113	0.47	E
H1	20181219	Cloudy	Moderate	Mid-Ebb	M	4.2	9:36	8.78	8.12	29.77	21.2	5.78	6	112	0.5	E
H1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:36	8.72	8.18	29.74	21.2	3.75	8	114	0.63	SE
H1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:37	8.63	8.2	29.98	21.1	3.76	7	114	0.67	SE
CR1	20181219	Cloudy	Moderate	Mid-Ebb	B	7.9	9:44	9.21	8.09	30.15	21.2	7.67	15	113	0.2	SE
CR1	20181219	Cloudy	Moderate	Mid-Ebb	B	7.9	9:44	9.21	8.1	29.83	21.1	7.7	14	112	0.2	SE
CR1	20181219	Cloudy	Moderate	Mid-Ebb	M	4.5	9:45	9.24	8.13	30.06	21.2	5.03	15	114	0.4	SE
CR1	20181219	Cloudy	Moderate	Mid-Ebb	M	4.5	9:45	9.2	8.14	30.16	21.2	4.97	14	113	0.41	SE
CR1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:46	9.24	8.17	29.73	21.2	3.17	14	113	0.66	SE
CR1	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:47	9.33	8.07	29.9	21.2	3.11	12	113	0.61	SE
B3	20181219	Cloudy	Moderate	Mid-Ebb	B	4.4	9:52	9.03	8.12	29.82	21.2	7.41	6	115	0.21	SE
B3	20181219	Cloudy	Moderate	Mid-Ebb	B	4.4	9:53	9.11	8	29.72	21.1	7.41	7	114	0.17	S
B3	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:53	9.17	8.11	29.75	21.1	3.54	5	114	0.68	SE
B3	20181219	Cloudy	Moderate	Mid-Ebb	S	1	9:54	9.14	8.02	30.2	21.2	3.64	4	113	0.64	SE
B4	20181219	Cloudy	Moderate	Mid-Ebb	B	4.3	10:05	9.33	8.17	29.82	21.1	7.83	8	112	0.29	SE
B4	20181219	Cloudy	Moderate	Mid-Ebb	B	4.3	10:05	9.29	8.08	29.71	21.1	7.82	7	114	0.27	SE
B4	20181219	Cloudy	Moderate	Mid-Ebb	S	1	10:06	9.32	8.14	29.89	21.1	3.12	8	114	0.64	SE
B4	20181219	Cloudy	Moderate	Mid-Ebb	S	1	10:07	9.32	8.12	29.97	21.1	3.14	7	114	0.68	SE
C2	20181219	Sunny	Light	Mid-Flood	B	9.3	13:18	9.33	8.17	30.13	21.2	7.29	11	114	0.2	NE
C2	20181219	Sunny	Light	Mid-Flood	B	9.3	13:19	9.27	8.14	30.12	21.2	7.34	10	114	0.21	NE
C2	20181219	Sunny	Light	Mid-Flood	M	5.2	13:19	9.17	8.14	29.91	21.1	5.1	11	114	0.48	NE
C2	20181219	Sunny	Light	Mid-Flood	M	5.2	13:20	9.18	8.03	30.16	21.1	5.18	10	115	0.45	NE
C2	20181219	Sunny	Light	Mid-Flood	S	1	13:21	9.11	8.17	29.72	21.2	3.68	12	114	0.65	NE
C2	20181219	Sunny	Light	Mid-Flood	S	1	13:21	9.16	8.09	30.1	21.2	3.63	14	114	0.64	NE

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
CR1	20181219	Sunny	Light	Mid-Flood	B	7.8	13:34	9.03	8.14	29.88	21.1	7.44	8	113	0.24	NW
CR1	20181219	Sunny	Light	Mid-Flood	B	7.8	13:34	9.04	8.09	30.05	21.1	7.37	9	115	0.28	NW
CR1	20181219	Sunny	Light	Mid-Flood	M	4.4	13:35	9.03	8.13	30.06	21.2	5.9	14	114	0.48	NW
CR1	20181219	Sunny	Light	Mid-Flood	M	4.4	13:36	9.09	8.01	30.14	21.1	5.91	13	115	0.51	NW
CR1	20181219	Sunny	Light	Mid-Flood	S	1	13:36	9.03	8.06	29.95	21.2	3.91	18	114	0.61	NW
CR1	20181219	Sunny	Light	Mid-Flood	S	1	13:37	9.07	8.2	30.05	21.1	3.98	16	113	0.6	NW
S3	20181219	Sunny	Light	Mid-Flood	B	11.3	13:46	8.8	8.12	30.04	21.1	7.3	9	115	0.21	W
S3	20181219	Sunny	Light	Mid-Flood	B	11.3	13:46	8.78	8.11	30.19	21.2	7.27	10	113	0.18	W
S3	20181219	Sunny	Light	Mid-Flood	M	6.2	13:47	8.88	8.17	30.15	21.2	5.91	12	114	0.44	W
S3	20181219	Sunny	Light	Mid-Flood	M	6.2	13:47	8.78	8.17	30.15	21.2	5.87	11	113	0.45	W
S3	20181219	Sunny	Light	Mid-Flood	S	1	13:48	8.7	8.2	30.04	21.1	3.67	14	114	0.69	W
S3	20181219	Sunny	Light	Mid-Flood	S	1	13:49	8.64	8.12	29.85	21.1	3.63	15	114	0.72	W
CR2	20181219	Sunny	Light	Mid-Flood	B	8	13:54	8.98	8.02	30.08	21.2	7.94	9	114	0.25	NW
CR2	20181219	Sunny	Light	Mid-Flood	B	8	13:55	8.89	8.17	29.98	21.2	7.96	8	114	0.24	NW
CR2	20181219	Sunny	Light	Mid-Flood	M	4.5	13:55	8.83	8.09	29.7	21.2	5.17	13	114	0.42	W
CR2	20181219	Sunny	Light	Mid-Flood	M	4.5	13:56	8.92	8.02	29.8	21.1	5.26	13	114	0.39	W
CR2	20181219	Sunny	Light	Mid-Flood	S	1	13:57	8.85	8.14	30.01	21.2	3.53	14	114	0.69	W
CR2	20181219	Sunny	Light	Mid-Flood	S	1	13:57	8.9	8.19	30.06	21.1	3.63	14	114	0.66	W
M1	20181219	Sunny	Light	Mid-Flood	B	7.9	13:46	9.12	8.08	30.15	21.2	7.17	10	113	0.22	N
M1	20181219	Sunny	Light	Mid-Flood	B	7.9	13:47	9.21	8.19	29.85	21.1	7.21	8	113	0.23	NW
M1	20181219	Sunny	Light	Mid-Flood	M	4.5	13:47	9.17	8.11	29.72	21.2	5.15	8	113	0.4	NW
M1	20181219	Sunny	Light	Mid-Flood	M	4.5	13:48	9.24	8.15	29.87	21.1	5.09	10	114	0.39	NW
M1	20181219	Sunny	Light	Mid-Flood	S	1	13:48	9.23	8.17	29.92	21.1	3.98	8	115	0.69	NW
M1	20181219	Sunny	Light	Mid-Flood	S	1	13:49	9.25	8.02	29.9	21.1	3.89	8	116	0.74	NW
C1	20181219	Sunny	Light	Mid-Flood	B	11.4	14:19	8.86	8.13	29.94	21.1	7.75	6	114	0.3	NW
C1	20181219	Sunny	Light	Mid-Flood	B	11.4	14:19	8.76	8.1	29.99	21.1	7.85	8	112	0.26	NW
C1	20181219	Sunny	Light	Mid-Flood	M	6.2	14:20	8.8	8.12	30.16	21.1	5.47	6	114	0.4	NW
C1	20181219	Sunny	Light	Mid-Flood	M	6.2	14:20	8.86	8.12	30.05	21.1	5.49	8	113	0.45	NW
C1	20181219	Sunny	Light	Mid-Flood	S	1	14:21	8.79	8.06	29.84	21.1	3.24	9	114	0.6	NW
C1	20181219	Sunny	Light	Mid-Flood	S	1	14:22	8.69	8.13	29.7	21.1	3.28	7	113	0.63	NW

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
F1	20181219	Sunny	Light	Mid-Flood	B	7.8	14:15	9.46	8.15	30.05	21.1	7.83	12	115	0.2	NW
F1	20181219	Sunny	Light	Mid-Flood	B	7.8	14:16	9.5	8.17	29.94	21.2	7.87	13	115	0.25	NW
F1	20181219	Sunny	Light	Mid-Flood	M	4.4	14:17	9.41	8.12	30.18	21.2	5.29	9	114	0.41	NW
F1	20181219	Sunny	Light	Mid-Flood	M	4.4	14:17	9.43	8.02	29.81	21.1	5.33	10	114	0.43	NW
F1	20181219	Sunny	Light	Mid-Flood	S	1	14:18	9.45	8.09	30.09	21.2	3.82	8	115	0.69	NW
F1	20181219	Sunny	Light	Mid-Flood	S	1	14:18	9.43	8.09	29.71	21.1	3.85	9	114	0.65	NW
B1	20181219	Sunny	Light	Mid-Flood	B	4.8	14:43	8.8	8.14	29.96	21.2	7.25	7	113	0.23	NW
B1	20181219	Sunny	Light	Mid-Flood	B	4.8	14:44	8.79	8.11	29.71	21.1	7.23	9	114	0.28	NW
B1	20181219	Sunny	Light	Mid-Flood	S	1	14:44	8.73	8.05	29.73	21.2	3.92	8	116	0.69	NW
B1	20181219	Sunny	Light	Mid-Flood	S	1	14:45	8.75	8.19	30.2	21.1	3.88	7	114	0.69	NW
S1	20181219	Sunny	Light	Mid-Flood	B	4.7	14:56	8.83	8.09	29.77	21.2	7.39	9	114	0.21	N
S1	20181219	Sunny	Light	Mid-Flood	B	4.7	14:56	8.74	8.08	30.13	21.1	7.4	8	114	0.18	N
S1	20181219	Sunny	Light	Mid-Flood	S	1	14:57	8.66	8.07	29.86	21.1	3.16	12	113	0.7	N
S1	20181219	Sunny	Light	Mid-Flood	S	1	14:57	8.6	8.09	29.92	21.2	3.2	13	114	0.68	N
B2	20181219	Sunny	Light	Mid-Flood	B	4.7	15:06	9.28	8.12	30.04	21.2	7.3	7	113	0.29	NW
B2	20181219	Sunny	Light	Mid-Flood	B	4.7	15:07	9.28	8.15	30.19	21.2	7.31	7	115	0.3	NW
B2	20181219	Sunny	Light	Mid-Flood	S	1	15:07	9.25	8.18	29.97	21.2	3.8	6	114	0.64	NW
B2	20181219	Sunny	Light	Mid-Flood	S	1	15:08	9.3	8.08	29.93	21.1	3.81	8	114	0.68	NW
H1	20181219	Sunny	Light	Mid-Flood	B	7.6	14:57	9.18	8	29.86	21.1	7.55	10	113	0.21	NW
H1	20181219	Sunny	Light	Mid-Flood	B	7.6	14:58	9.2	8.07	29.85	21.1	7.5	8	113	0.24	NW
H1	20181219	Sunny	Light	Mid-Flood	M	4.3	14:59	9.24	8.13	30.05	21.1	5.57	8	112	0.42	NW
H1	20181219	Sunny	Light	Mid-Flood	M	4.3	14:59	9.34	8.16	29.79	21.2	5.57	8	113	0.41	NW
H1	20181219	Sunny	Light	Mid-Flood	S	1	15:00	9.42	8.06	30.16	21.2	3.66	8	113	0.68	NW
H1	20181219	Sunny	Light	Mid-Flood	S	1	15:01	9.42	8.05	30.05	21.2	3.76	8	114	0.65	NW
S2	20181219	Sunny	Light	Mid-Flood	B	8	15:23	9.24	8.01	30.06	21.1	7.36	8	113	0.26	NW
S2	20181219	Sunny	Light	Mid-Flood	B	8	15:24	9.3	8.07	29.87	21.1	7.38	10	114	0.31	NW
S2	20181219	Sunny	Light	Mid-Flood	M	4.5	15:24	9.34	8	29.86	21.1	5.58	8	115	0.49	NW
S2	20181219	Sunny	Light	Mid-Flood	M	4.5	15:25	9.36	8.15	29.83	21.1	5.6	9	114	0.45	NW
S2	20181219	Sunny	Light	Mid-Flood	S	1	15:26	9.39	8.08	29.93	21.2	3.74	5	114	0.6	NW
S2	20181219	Sunny	Light	Mid-Flood	S	1	15:26	8.91	8.02	30.17	21.2	3.78	6	114	0.6	NW

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 (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
B3	20181219	Sunny	Light	Mid-Flood	B	4.6	15:21	8.89	8.12	29.81	21.2	7.58	10	114	0.22	NW
B3	20181219	Sunny	Light	Mid-Flood	B	4.6	15:21	8.89	8.09	29.75	21.1	7.61	11	112	0.23	NW
B3	20181219	Sunny	Light	Mid-Flood	S	1	15:22	8.8	8.12	30	21.2	3.53	9	112	0.7	NW
B3	20181219	Sunny	Light	Mid-Flood	S	1	15:23	8.75	8.06	29.86	21.2	3.49	10	113	0.65	NW
B4	20181219	Sunny	Light	Mid-Flood	B	4.8	15:38	9.07	8.07	29.95	21.2	7.88	6	113	0.26	N
B4	20181219	Sunny	Light	Mid-Flood	B	4.8	15:39	9.06	8.15	29.88	21.1	7.85	7	113	0.3	N
B4	20181219	Sunny	Light	Mid-Flood	S	1	15:40	9.16	8.19	29.84	21.1	3.76	7	114	0.64	N
B4	20181219	Sunny	Light	Mid-Flood	S	1	15:40	9.11	8.01	30.17	21.2	3.85	8	114	0.68	N
C1	20181221	Fine	Light	Mid-Ebb	B	10.2	9:38	9.41	8.11	30.47	19.8	5.77	3	114	0.27	SE
C1	20181221	Fine	Light	Mid-Ebb	B	10.2	9:38	9.49	8.06	29.62	19.9	5.77	2	114	0.26	SE
C1	20181221	Fine	Light	Mid-Ebb	M	5.6	9:39	9.57	8.14	30.46	19.9	3.43	3	114	0.44	SE
C1	20181221	Fine	Light	Mid-Ebb	M	5.6	9:39	9.54	8.06	30.26	19.8	3.4	- note 2	113	0.44	SE
C1	20181221	Fine	Light	Mid-Ebb	S	1	9:40	9.54	8.07	30.43	19.9	1.45	3	114	0.7	SE
C1	20181221	Fine	Light	Mid-Ebb	S	1	9:41	9.6	8.03	30.08	19.9	1.48	4	112	0.69	SE
F1	20181221	Fine	Light	Mid-Ebb	B	7.2	9:40	9.23	8.05	29.97	19.8	5.63	4	112	0.28	SE
F1	20181221	Fine	Light	Mid-Ebb	B	7.2	9:41	9.29	8.06	30.21	19.9	5.67	4	113	0.26	SE
F1	20181221	Fine	Light	Mid-Ebb	M	4.1	9:41	9.23	8.02	30.29	19.8	3.95	2	114	0.48	SE
F1	20181221	Fine	Light	Mid-Ebb	M	4.1	9:42	9.17	8.13	29.53	19.9	3.97	2	113	0.47	SE
F1	20181221	Fine	Light	Mid-Ebb	S	1	9:43	9.08	8.08	29.7	19.8	1.96	2	114	0.64	SE
F1	20181221	Fine	Light	Mid-Ebb	S	1	9:43	9.09	8.04	29.7	19.8	1.99	3	113	0.65	SE
M1	20181221	Fine	Light	Mid-Ebb	B	7.4	10:11	9.24	8.15	29.7	19.9	5.69	5	115	0.21	N
M1	20181221	Fine	Light	Mid-Ebb	B	7.4	10:12	9.29	8.2	30.3	19.9	5.73	4	114	0.19	N
M1	20181221	Fine	Light	Mid-Ebb	M	4.2	10:12	9.31	8.13	29.82	19.8	3.79	3	114	0.46	N
M1	20181221	Fine	Light	Mid-Ebb	M	4.2	10:13	9.34	8.1	30.49	19.9	3.81	2	117	0.45	N
M1	20181221	Fine	Light	Mid-Ebb	S	1	10:13	9.42	8.04	30.3	19.8	1.3	4	115	0.65	N
M1	20181221	Fine	Light	Mid-Ebb	S	1	10:14	9.33	8.03	29.75	19.8	1.34	3	112	0.67	N
B1	20181221	Fine	Light	Mid-Ebb	B	4.3	10:02	8.92	8.09	30.44	19.8	5.22	3	114	0.2	NE
B1	20181221	Fine	Light	Mid-Ebb	B	4.3	10:02	8.85	8.08	30	19.9	5.22	4	114	0.2	NE
B1	20181221	Fine	Light	Mid-Ebb	S	1	10:03	8.79	8	30.28	19.8	1.9	4	114	0.63	NE
B1	20181221	Fine	Light	Mid-Ebb	S	1	10:03	8.75	8.12	29.88	19.9	1.89	4	114	0.63	NE

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
S1	20181221	Fine	Light	Mid-Ebb	B	4.4	10:16	9.26	8.08	30.17	19.8	5.51	2	112	0.25	E
S1	20181221	Fine	Light	Mid-Ebb	B	4.4	10:17	9.35	8.2	29.96	19.8	5.46	2	113	0.26	E
S1	20181221	Fine	Light	Mid-Ebb	S	1	10:17	9.42	8.17	29.99	19.8	1.66	4	112	0.62	E
S1	20181221	Fine	Light	Mid-Ebb	S	1	10:18	9.41	8.17	30.01	19.9	1.61	4	112	0.64	E
B2	20181221	Fine	Light	Mid-Ebb	B	4.5	10:26	9.64	8.02	30.03	19.8	5.85	2	114	0.22	SE
B2	20181221	Fine	Light	Mid-Ebb	B	4.5	10:26	9.71	8.18	30.14	19.9	5.88	2	114	0.24	SE
B2	20181221	Fine	Light	Mid-Ebb	S	1	10:27	9.66	8.01	30.38	19.9	1.56	3	114	0.67	SE
B2	20181221	Fine	Light	Mid-Ebb	S	1	10:27	9.56	8.09	30.39	19.9	1.56	4	114	0.69	SE
C2	20181221	Fine	Light	Mid-Ebb	B	8.1	10:44	9.22	8.03	29.77	19.8	5.71	<2	113	0.25	S
C2	20181221	Fine	Light	Mid-Ebb	B	8.1	10:45	9.22	8.03	29.73	19.9	5.69	3	112	0.24	S
C2	20181221	Fine	Light	Mid-Ebb	M	4.6	10:45	9.18	8.12	29.5	19.9	3.74	4	114	0.43	S
C2	20181221	Fine	Light	Mid-Ebb	M	4.6	10:46	9.1	8.11	29.73	19.9	3.73	3	114	0.45	S
C2	20181221	Fine	Light	Mid-Ebb	S	1	10:46	9.09	8.13	30.4	19.9	1.91	3	114	0.68	S
C2	20181221	Fine	Light	Mid-Ebb	S	1	10:47	9.18	8.19	29.52	19.8	1.89	3	113	0.66	S
S2	20181221	Fine	Light	Mid-Ebb	B	7.5	10:43	9.05	8.2	30.1	19.8	5.8	<2	114	0.27	SE
S2	20181221	Fine	Light	Mid-Ebb	B	7.5	10:43	8.99	8.07	29.54	19.8	5.76	<2	112	0.26	SE
S2	20181221	Fine	Light	Mid-Ebb	M	4.3	10:44	8.9	8.17	30.14	19.8	3.58	3	114	0.45	SE
S2	20181221	Fine	Light	Mid-Ebb	M	4.3	10:45	8.87	8.03	29.99	19.8	3.6	<2	113	0.44	SE
S2	20181221	Fine	Light	Mid-Ebb	S	1	10:45	8.82	8.15	29.63	19.9	1.43	2	114	0.62	SE
S2	20181221	Fine	Light	Mid-Ebb	S	1	10:46	8.92	8.08	29.7	19.8	1.42	2	114	0.64	SE
H1	20181221	Fine	Light	Mid-Ebb	B	7.4	11:03	9.34	8.01	29.65	19.8	5.14	5	114	0.3	E
H1	20181221	Fine	Light	Mid-Ebb	B	7.4	11:04	9.35	8.02	30.27	19.9	5.14	4	113	0.31	E
H1	20181221	Fine	Light	Mid-Ebb	M	4.2	11:05	9.38	8.13	30.41	19.8	3.57	4	114	0.41	E
H1	20181221	Fine	Light	Mid-Ebb	M	4.2	11:05	9.44	8.06	30.18	19.9	3.6	6	114	0.42	E
H1	20181221	Fine	Light	Mid-Ebb	S	1	11:06	9.45	8.06	29.69	19.9	1.11	4	112	0.69	E
H1	20181221	Fine	Light	Mid-Ebb	S	1	11:06	9.48	8.06	30.35	19.9	1.08	4	113	0.67	E
CR2	20181221	Fine	Light	Mid-Ebb	B	8	10:59	9.32	8.13	30.01	19.9	5.2	3	114	0.26	SE
CR2	20181221	Fine	Light	Mid-Ebb	B	8	11:00	9.37	8.18	29.79	19.9	5.22	<2	112	0.27	SE
CR2	20181221	Fine	Light	Mid-Ebb	M	4.5	11:00	9.35	8.03	29.84	19.9	3.27	<2	115	0.44	SE
CR2	20181221	Fine	Light	Mid-Ebb	M	4.5	11:01	9.25	8.05	30.13	19.8	3.28	3	114	0.45	SE

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
CR2	20181221	Fine	Light	Mid-Ebb	S	1	11:02	9.18	8.12	29.96	19.8	1.88	<2	114	0.69	SE
CR2	20181221	Fine	Light	Mid-Ebb	S	1	11:02	9.27	8.11	30.21	19.9	1.87	<2	113	0.7	SE
S3	20181221	Fine	Light	Mid-Ebb	B	10.6	11:07	9.31	8.17	30.29	19.9	5.49	3	114	0.27	SE
S3	20181221	Fine	Light	Mid-Ebb	B	10.6	11:07	9.22	8.06	29.66	19.8	5.54	2	114	0.26	SE
S3	20181221	Fine	Light	Mid-Ebb	M	5.8	11:08	9.28	8.19	29.68	19.8	3.61	2	114	0.4	SE
S3	20181221	Fine	Light	Mid-Ebb	M	5.8	11:09	9.36	8.14	30.4	19.8	3.61	<2	114	0.4	SE
S3	20181221	Fine	Light	Mid-Ebb	S	1	11:09	9.34	8.19	29.93	19.8	1.92	<2	113	0.6	SE
S3	20181221	Fine	Light	Mid-Ebb	S	1	11:10	9.39	8.16	30.36	19.9	1.87	2	114	0.59	SE
B3	20181221	Fine	Light	Mid-Ebb	B	4.3	11:20	9.32	8	29.72	19.8	5.57	6	114	0.21	E
B3	20181221	Fine	Light	Mid-Ebb	B	4.3	11:20	9.33	8.17	30.12	19.9	5.57	5	114	0.23	E
B3	20181221	Fine	Light	Mid-Ebb	S	1	11:21	9.33	8.12	29.55	19.9	1.35	5	113	0.7	E
B3	20181221	Fine	Light	Mid-Ebb	S	1	11:21	9.35	8.14	29.64	19.8	1.4	5	113	0.7	E
CR1	20181221	Fine	Light	Mid-Ebb	B	7.8	11:18	9.5	8.1	30.2	19.9	5.38	3	112	0.3	SE
CR1	20181221	Fine	Light	Mid-Ebb	B	7.8	11:19	9.5	8.12	29.89	19.9	5.33	2	113	0.29	SE
CR1	20181221	Fine	Light	Mid-Ebb	M	4.4	11:19	9.52	8.11	30.5	19.8	3.3	<2	114	0.4	SE
CR1	20181221	Fine	Light	Mid-Ebb	M	4.4	11:20	9.58	8.2	30.3	19.9	3.35	3	113	0.39	SE
CR1	20181221	Fine	Light	Mid-Ebb	S	1	11:20	9.65	8.16	29.94	19.9	1.28	2	112	0.62	SE
CR1	20181221	Fine	Light	Mid-Ebb	S	1	11:21	9.55	8.19	29.95	19.9	1.32	2	113	0.61	SE
B4	20181221	Fine	Light	Mid-Ebb	B	4.4	11:34	9.41	8.01	30.37	19.8	5.05	4	112	0.27	SE
B4	20181221	Fine	Light	Mid-Ebb	B	4.4	11:34	9.35	8.18	30.38	19.9	5.08	4	113	0.26	SE
B4	20181221	Fine	Light	Mid-Ebb	S	1	11:35	9.35	8.16	29.73	19.9	1.07	<2	113	0.65	SE
B4	20181221	Fine	Light	Mid-Ebb	S	1	11:36	9.31	8.06	29.77	19.8	1.12	2	114	0.67	SE
C2	20181221	Sunny	Moderate	Mid-Flood	B	9.5	14:55	9.09	8.09	29.79	19.9	5.53	2	113	0.3	N
C2	20181221	Sunny	Moderate	Mid-Flood	B	9.5	14:56	9.12	8.07	29.82	19.9	5.52	2	112	0.28	N
C2	20181221	Sunny	Moderate	Mid-Flood	M	5.3	14:56	9.13	8.1	30.3	19.9	3.09	2	112	0.47	N
C2	20181221	Sunny	Moderate	Mid-Flood	M	5.3	14:57	9.16	8.07	30.43	19.8	3.1	2	113	0.47	N
C2	20181221	Sunny	Moderate	Mid-Flood	S	1	14:58	9.24	8.1	30.26	19.8	1.12	<2	112	0.7	N
C2	20181221	Sunny	Moderate	Mid-Flood	S	1	14:58	9.21	8.1	30.48	19.8	1.15	2	113	0.71	N
CR1	20181221	Sunny	Moderate	Mid-Flood	B	7.9	15:11	9.4	8.14	30.34	19.9	5.23	2	114	0.24	NW
CR1	20181221	Sunny	Moderate	Mid-Flood	B	7.9	15:11	9.35	8.03	29.86	19.9	5.27	<2	113	0.26	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
CR1	20181221	Sunny	Moderate	Mid-Flood	M	4.5	15:12	9.28	8.18	30.37	19.9	3.44	<2	113	0.46	NW
CR1	20181221	Sunny	Moderate	Mid-Flood	M	4.5	15:13	9.28	8.13	29.94	19.9	3.43	3	113	0.47	NW
CR1	20181221	Sunny	Moderate	Mid-Flood	S	1	15:13	9.21	8.08	30.28	19.8	1.08	2	113	0.67	NW
CR1	20181221	Sunny	Moderate	Mid-Flood	S	1	15:14	9.12	8.18	29.54	19.9	1.07	<2	114	0.69	NW
F1	20181221	Sunny	Moderate	Mid-Flood	B	7.7	15:18	9.17	8.04	30.18	19.8	5.47	2	113	0.22	NW
F1	20181221	Sunny	Moderate	Mid-Flood	B	7.7	15:18	9.16	8.11	29.92	19.8	5.49	<2	114	0.23	NW
F1	20181221	Sunny	Moderate	Mid-Flood	M	4.4	15:19	9.06	8.2	29.98	19.8	3.47	<2	113	0.42	NW
F1	20181221	Sunny	Moderate	Mid-Flood	M	4.4	15:19	9.1	8.1	30.05	19.9	3.52	2	113	0.42	NW
F1	20181221	Sunny	Moderate	Mid-Flood	S	1	15:20	9.2	8.11	30.04	19.8	1.1	2	113	0.66	NW
F1	20181221	Sunny	Moderate	Mid-Flood	S	1	15:21	9.25	8.19	29.7	19.8	1.08	2	114	0.66	NW
S3	20181221	Sunny	Moderate	Mid-Flood	B	11.1	15:18	9.2	8.04	29.84	19.8	5.18	<2	114	0.2	W
S3	20181221	Sunny	Moderate	Mid-Flood	B	11.1	15:19	9.27	8.14	30.03	19.9	5.15	2	113	0.22	W
S3	20181221	Sunny	Moderate	Mid-Flood	M	6.1	15:19	9.28	8.15	29.61	19.8	3.1	2	113	0.49	W
S3	20181221	Sunny	Moderate	Mid-Flood	M	6.1	15:20	9.32	8.1	30.02	19.8	3.07	<2	112	0.47	WW
S3	20181221	Sunny	Moderate	Mid-Flood	S	1	15:21	9.41	8.17	29.95	19.8	1.32	3	114	0.67	W
S3	20181221	Sunny	Moderate	Mid-Flood	S	1	15:21	9.45	8.09	29.91	19.8	1.34	3	113	0.65	W
CR2	20181221	Sunny	Moderate	Mid-Flood	B	7.9	15:27	9.05	8.19	29.97	19.8	5.03	3	112	0.2	NW
CR2	20181221	Sunny	Moderate	Mid-Flood	B	7.9	15:28	9.09	8.15	29.75	19.8	5.06	2	114	0.19	NW
CR2	20181221	Sunny	Moderate	Mid-Flood	M	4.5	15:28	9.02	8.09	30.47	19.9	3.73	3	113	0.45	NW
CR2	20181221	Sunny	Moderate	Mid-Flood	M	4.5	15:29	8.96	8.17	30.25	19.9	3.75	<2	114	0.43	NW
CR2	20181221	Sunny	Moderate	Mid-Flood	S	1	15:29	8.98	8.18	30.45	19.9	1.47	3	113	0.66	NW
CR2	20181221	Sunny	Moderate	Mid-Flood	S	1	15:30	8.89	8.16	29.91	19.8	1.48	<2	113	0.68	NW
M1	20181221	Sunny	Moderate	Mid-Flood	B	7.8	15:48	9.55	8.11	30.02	19.9	5.58	2	114	0.29	NW
M1	20181221	Sunny	Moderate	Mid-Flood	B	7.8	15:48	9.6	8.1	30.04	19.8	5.55	3	114	0.27	NW
M1	20181221	Sunny	Moderate	Mid-Flood	M	4.4	15:49	9.54	8.15	30.4	19.8	3.57	2	114	0.44	NW
M1	20181221	Sunny	Moderate	Mid-Flood	M	4.4	15:49	9.6	8.15	30.06	19.9	3.54	2	113	0.43	NW
M1	20181221	Sunny	Moderate	Mid-Flood	S	1	15:50	9.64	8.17	30.46	19.9	1.54	3	114	0.6	NW
M1	20181221	Sunny	Moderate	Mid-Flood	S	1	15:51	9.67	8.17	29.59	19.9	1.54	2	113	0.61	NW
C1	20181221	Sunny	Moderate	Mid-Flood	B	11.2	15:58	9.05	8.11	29.79	19.9	5.85	2	114	0.29	NW
C1	20181221	Sunny	Moderate	Mid-Flood	B	11.2	15:59	9.09	8.11	29.89	19.9	5.87	2	114	0.28	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
C1	20181221	Sunny	Moderate	Mid-Flood	M	6.1	16:00	9.16	8	30.43	19.9	3.57	3	112	0.5	NW
C1	20181221	Sunny	Moderate	Mid-Flood	M	6.1	16:00	9.24	8.06	29.53	19.9	3.62	2	113	0.48	NW
C1	20181221	Sunny	Moderate	Mid-Flood	S	1	16:01	9.22	8	29.54	19.9	1.96	2	113	0.65	NW
C1	20181221	Sunny	Moderate	Mid-Flood	S	1	16:01	9.27	8.07	30.18	19.8	1.98	2	113	0.65	NW
B1	20181221	Sunny	Moderate	Mid-Flood	B	4.7	16:22	9.21	8.02	29.9	19.9	5.43	4	114	0.21	NW
B1	20181221	Sunny	Moderate	Mid-Flood	B	4.7	16:23	9.19	8.03	30.38	19.8	5.42	4	114	0.23	NW
B1	20181221	Sunny	Moderate	Mid-Flood	S	1	16:23	9.27	8.05	29.59	19.8	1.09	5	114	0.61	NW
B1	20181221	Sunny	Moderate	Mid-Flood	S	1	16:24	9.34	8.08	30.37	19.8	1.07	5	115	0.61	NW
H1	20181221	Sunny	Moderate	Mid-Flood	B	7.7	16:30	9.5	8	29.87	19.9	5.04	2	112	0.24	NW
H1	20181221	Sunny	Moderate	Mid-Flood	B	7.7	16:30	9.55	8.17	30.23	19.9	5.09	<2	113	0.24	NW
H1	20181221	Sunny	Moderate	Mid-Flood	M	4.4	16:31	9.48	8	30.22	19.8	3.4	<2	112	0.43	NW
H1	20181221	Sunny	Moderate	Mid-Flood	M	4.4	16:31	9.5	8.16	29.59	19.8	3.36	2	112	0.41	NW
H1	20181221	Sunny	Moderate	Mid-Flood	S	1	16:32	9.56	8.05	29.85	19.8	1.02	<2	113	0.61	NW
H1	20181221	Sunny	Moderate	Mid-Flood	S	1	16:33	9.62	8.05	30.27	19.9	1.05	<2	114	0.61	NW
S1	20181221	Sunny	Moderate	Mid-Flood	B	4.6	16:36	9.33	8.14	30.03	19.8	5.26	3	113	0.24	W
S1	20181221	Sunny	Moderate	Mid-Flood	B	4.6	16:37	9.23	8.16	30.28	19.9	5.26	2	113	0.22	W
S1	20181221	Sunny	Moderate	Mid-Flood	S	1	16:37	9.32	8.08	29.83	19.8	1.55	<2	112	0.62	W
S1	20181221	Sunny	Moderate	Mid-Flood	S	1	16:38	9.25	8.19	29.5	19.9	1.51	<2	114	0.61	W
B2	20181221	Sunny	Moderate	Mid-Flood	B	4.8	16:47	9.7	8.01	30.2	19.9	5.25	2	113	0.2	N
B2	20181221	Sunny	Moderate	Mid-Flood	B	4.8	16:47	9.76	8.12	29.83	19.9	5.25	2	113	0.19	N
B2	20181221	Sunny	Moderate	Mid-Flood	S	1	16:48	9.74	8.1	29.65	19.8	1.1	3	113	0.68	N
B2	20181221	Sunny	Moderate	Mid-Flood	S	1	16:49	9.81	8.08	30.06	19.8	1.08	2	113	0.68	N
B3	20181221	Sunny	Moderate	Mid-Flood	B	4.7	16:54	8.96	8.01	30.35	19.8	5.76	2	113	0.25	NW
B3	20181221	Sunny	Moderate	Mid-Flood	B	4.7	16:55	8.93	8.1	29.77	19.8	5.73	3	112	0.24	NW
B3	20181221	Sunny	Moderate	Mid-Flood	S	1	16:55	9.01	8.03	30.34	19.9	1.39	3	114	0.7	NW
B3	20181221	Sunny	Moderate	Mid-Flood	S	1	16:56	9.11	8.04	29.7	19.9	1.41	3	112	0.72	NW
B4	20181221	Sunny	Moderate	Mid-Flood	B	4.7	17:14	9.29	8.18	30	19.9	5.25	<2	113	0.2	N
B4	20181221	Sunny	Moderate	Mid-Flood	B	4.7	17:14	9.21	8.08	29.62	19.9	5.21	3	113	0.21	N
B4	20181221	Sunny	Moderate	Mid-Flood	S	1	17:15	9.16	8.14	29.74	19.9	1.06	2	112	0.64	N
B4	20181221	Sunny	Moderate	Mid-Flood	S	1	17:15	9.11	8.13	29.59	19.9	1.01	<2	112	0.63	N

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
S2	20181221	Sunny	Moderate	Mid-Flood	B	7.9	17:05	9.67	8.05	30	19.9	5.43	2	112	0.26	NW
S2	20181221	Sunny	Moderate	Mid-Flood	B	7.9	17:06	9.63	8.04	30.11	19.8	5.45	<2	114	0.26	W
S2	20181221	Sunny	Moderate	Mid-Flood	M	4.5	17:06	9.64	8.03	30.05	19.9	3.87	2	113	0.47	W
S2	20181221	Sunny	Moderate	Mid-Flood	M	4.5	17:07	9.62	8.13	30.11	19.8	3.82	<2	112	0.46	NW
S2	20181221	Sunny	Moderate	Mid-Flood	S	1	17:08	9.57	8.1	29.74	19.8	1.54	2	112	0.7	NW
S2	20181221	Sunny	Moderate	Mid-Flood	S	1	17:08	9.65	8.08	30.04	19.8	1.5	<2	113	0.71	NW
C2	20181224	Cloudy	Light	Mid-Flood	B	9.4	8:15	8.87	8.06	30.53	17.4	5.06	4	112	0.27	N
C2	20181224	Cloudy	Light	Mid-Flood	B	9.4	8:15	8.82	8.12	30.45	17.3	5.03	5	113	0.27	N
C2	20181224	Cloudy	Light	Mid-Flood	M	5.2	8:16	8.81	8.18	29.96	17.3	3.82	4	113	0.42	N
C2	20181224	Cloudy	Light	Mid-Flood	M	5.2	8:16	8.71	8.01	29.81	17.3	3.9	4	111	0.45	N
C2	20181224	Cloudy	Light	Mid-Flood	S	1	8:17	8.75	8.09	29.8	17.3	1.23	4	113	0.61	N
C2	20181224	Cloudy	Light	Mid-Flood	S	1	8:18	8.77	8.2	30.26	17.4	1.14	4	112	0.65	N
CR1	20181224	Cloudy	Light	Mid-Flood	B	7.7	8:18	8.94	8.18	30.51	17.3	6	4	114	0.25	NW
CR1	20181224	Cloudy	Light	Mid-Flood	B	7.7	8:19	8.92	8.02	29.96	17.4	5.92	4	114	0.25	NW
CR1	20181224	Cloudy	Light	Mid-Flood	M	4.4	8:19	9.02	8.05	30.24	17.3	3.07	5	110	0.48	NW
CR1	20181224	Cloudy	Light	Mid-Flood	M	4.4	8:20	9.1	8.08	29.95	17.4	3.16	4	114	0.5	NW
CR1	20181224	Cloudy	Light	Mid-Flood	S	1	8:21	9.1	8.12	30.41	17.4	1.23	3	113	0.65	NW
CR1	20181224	Cloudy	Light	Mid-Flood	S	1	8:21	9.18	8.2	30.44	17.3	1.26	4	112	0.63	NW
F1	20181224	Cloudy	Light	Mid-Flood	B	7.9	8:43	9.39	8.08	30.12	17.4	5.03	7	114	0.27	NW
F1	20181224	Cloudy	Light	Mid-Flood	B	7.9	8:44	9.4	8.14	30.31	17.3	5.12	6	112	0.27	NW
F1	20181224	Cloudy	Light	Mid-Flood	M	4.5	8:44	9.39	8.02	30.09	17.4	3	4	114	0.5	NW
F1	20181224	Cloudy	Light	Mid-Flood	M	4.5	8:45	9.35	8.19	30.11	17.3	2.98	5	112	0.54	NW
F1	20181224	Cloudy	Light	Mid-Flood	S	1	8:45	9.36	8.05	30.1	17.4	1.6	5	114	0.7	NW
F1	20181224	Cloudy	Light	Mid-Flood	S	1	8:46	9.31	8.06	29.9	17.4	1.57	4	111	0.65	NW
S3	20181224	Cloudy	Light	Mid-Flood	B	11.2	8:39	9.3	8.07	30.08	17.4	5.65	4	112	0.3	W
S3	20181224	Cloudy	Light	Mid-Flood	B	11.2	8:39	9.4	8.18	29.97	17.3	5.68	4	114	0.32	W
S3	20181224	Cloudy	Light	Mid-Flood	M	6.1	8:40	9.39	8.15	29.75	17.3	3.02	4	112	0.42	W
S3	20181224	Cloudy	Light	Mid-Flood	M	6.1	8:40	9.3	8.14	30.41	17.4	2.97	4	115	0.39	W
S3	20181224	Cloudy	Light	Mid-Flood	S	1	8:41	9.38	8.01	30.1	17.4	1.18	4	113	0.66	W
S3	20181224	Cloudy	Light	Mid-Flood	S	1	8:42	9.42	8.13	30.29	17.3	1.23	5	114	0.69	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
CR2	20181224	Cloudy	Light	Mid-Flood	B	8.1	8:48	8.96	8.16	30.49	17.3	5.69	4	113	0.25	W
CR2	20181224	Cloudy	Light	Mid-Flood	B	8.1	8:49	8.88	8.14	30.11	17.4	5.68	3	112	0.26	W
CR2	20181224	Cloudy	Light	Mid-Flood	M	4.6	8:50	8.8	8.19	29.7	17.4	3.33	3	112	0.43	NW
CR2	20181224	Cloudy	Light	Mid-Flood	M	4.6	8:50	8.71	8.1	30.22	17.3	3.4	4	113	0.39	NW
CR2	20181224	Cloudy	Light	Mid-Flood	S	1	8:51	8.7	8	30.51	17.3	1.18	3	114	0.7	NW
CR2	20181224	Cloudy	Light	Mid-Flood	S	1	8:51	8.74	8.08	30.19	17.3	1.21	3	112	0.65	NW
M1	20181224	Cloudy	Light	Mid-Flood	B	7.8	9:18	9.37	8.09	30.5	17.3	5.9	3	113	0.25	NW
M1	20181224	Cloudy	Light	Mid-Flood	B	7.8	9:19	9.3	8.18	29.96	17.4	5.89	4	113	0.28	NW
M1	20181224	Cloudy	Light	Mid-Flood	M	4.4	9:19	9.24	8.02	30.22	17.3	3.88	3	112	0.4	NW
M1	20181224	Cloudy	Light	Mid-Flood	M	4.4	9:20	9.22	8.07	30.38	17.4	3.8	3	112	0.4	NW
M1	20181224	Cloudy	Light	Mid-Flood	S	1	9:20	9.12	8.14	30.06	17.4	1.39	2	113	0.62	NW
M1	20181224	Cloudy	Light	Mid-Flood	S	1	9:21	9.03	8.17	30.13	17.3	1.36	2	114	0.64	NW
C1	20181224	Cloudy	Light	Mid-Flood	B	11.4	9:18	8.8	8.05	30.55	17.3	5.28	5	112	0.26	NW
C1	20181224	Cloudy	Light	Mid-Flood	B	11.4	9:18	8.71	8.08	30.11	17.3	5.26	5	112	0.23	NW
C1	20181224	Cloudy	Light	Mid-Flood	M	6.2	9:19	8.61	8.02	29.92	17.3	3.12	5	110	0.45	NW
C1	20181224	Cloudy	Light	Mid-Flood	M	6.2	9:20	8.59	8.13	29.92	17.3	3.15	5	111	0.5	NW
C1	20181224	Cloudy	Light	Mid-Flood	S	1	9:20	8.49	8.19	30.14	17.3	1.28	5	114	0.69	NW
C1	20181224	Cloudy	Light	Mid-Flood	S	1	9:21	8.56	8.08	29.74	17.4	1.36	4	112	0.71	NW
B1	20181224	Cloudy	Light	Mid-Flood	B	4.7	9:44	9.39	8.07	29.89	17.4	5.96	4	114	0.2	NW
B1	20181224	Cloudy	Light	Mid-Flood	B	4.7	9:45	9.36	8.03	30.59	17.3	5.9	5	112	0.24	NW
B1	20181224	Cloudy	Light	Mid-Flood	S	1	9:46	9.35	8.18	30.48	17.3	1.79	4	112	0.6	NW
B1	20181224	Cloudy	Light	Mid-Flood	S	1	9:46	9.27	8.03	30.48	17.3	1.74	4	112	0.62	NW
S1	20181224	Cloudy	Light	Mid-Flood	B	4.6	9:56	9.34	8.05	30.4	17.3	5.7	5	113	0.22	N
S1	20181224	Cloudy	Light	Mid-Flood	B	4.6	9:56	9.43	8.07	29.9	17.3	5.66	6	112	0.23	N
S1	20181224	Cloudy	Light	Mid-Flood	S	1	9:57	9.44	8.11	30.2	17.3	1.26	5	112	0.64	N
S1	20181224	Cloudy	Light	Mid-Flood	S	1	9:58	9.5	8.2	30.08	17.4	1.25	4	113	0.68	N
H1	20181224	Cloudy	Light	Mid-Flood	B	7.9	10:02	9.13	8	30.58	17.3	5.21	7	113	0.23	NW
H1	20181224	Cloudy	Light	Mid-Flood	B	7.9	10:03	9.15	8.19	30.02	17.4	5.26	6	112	0.27	NW
H1	20181224	Cloudy	Light	Mid-Flood	M	4.5	10:04	9.07	8.1	30.31	17.3	3.22	4	111	0.43	NW
H1	20181224	Cloudy	Light	Mid-Flood	M	4.5	10:04	9.03	8.09	30.6	17.4	3.19	4	114	0.46	NW

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
H1	20181224	Cloudy	Light	Mid-Flood	S	1	10:05	9.09	8.16	30.56	17.3	1.9	4	112	0.7	NW
H1	20181224	Cloudy	Light	Mid-Flood	S	1	10:05	9.04	8.03	30.6	17.3	1.88	5	112	0.7	NW
B3	20181224	Cloudy	Light	Mid-Flood	B	4.8	10:17	9.46	8.05	29.82	17.3	5.54	5	113	0.26	NW
B3	20181224	Cloudy	Light	Mid-Flood	B	4.8	10:18	9.48	8.05	30.51	17.4	5.47	5	112	0.21	NW
B3	20181224	Cloudy	Light	Mid-Flood	S	1	10:18	9.46	8.11	30.5	17.4	1.14	4	113	0.64	N
B3	20181224	Cloudy	Light	Mid-Flood	S	1	10:19	9.55	8.13	29.79	17.3	1.1	5	113	0.63	N
B2	20181224	Cloudy	Light	Mid-Flood	B	4.6	10:08	8.82	8.16	30.59	17.3	5.04	5	111	0.29	N
B2	20181224	Cloudy	Light	Mid-Flood	B	4.6	10:08	8.75	8.16	30.24	17.4	5.13	6	112	0.34	N
B2	20181224	Cloudy	Light	Mid-Flood	S	1	10:09	8.81	8.13	30.41	17.4	1.11	5	112	0.68	N
B2	20181224	Cloudy	Light	Mid-Flood	S	1	10:09	8.87	8.12	30.54	17.3	1.14	6	114	0.63	N
S2	20181224	Cloudy	Light	Mid-Flood	B	11.5	10:24	9.39	8.06	29.8	17.4	5.27	3	113	0.3	N
S2	20181224	Cloudy	Light	Mid-Flood	B	11.5	10:25	9.48	8.07	29.75	17.4	5.23	3	112	0.32	NW
S2	20181224	Cloudy	Light	Mid-Flood	M	6.3	10:25	9.46	8.17	30.28	17.3	3.46	3	112	0.43	NW
S2	20181224	Cloudy	Light	Mid-Flood	M	6.3	10:26	9.55	8.03	29.94	17.4	3.4	4	111	0.46	NW
S2	20181224	Cloudy	Light	Mid-Flood	S	1	10:26	9.58	8.18	30.34	17.4	1.22	4	114	0.62	NW
S2	20181224	Cloudy	Light	Mid-Flood	S	1	10:27	9.64	8.17	30.32	17.4	1.29	4	113	0.62	NW
B4	20181224	Cloudy	Light	Mid-Flood	B	4.7	10:31	8.84	8.12	30.07	17.3	5.9	5	112	0.21	N
B4	20181224	Cloudy	Light	Mid-Flood	B	4.7	10:31	8.78	8.11	30.6	17.4	5.89	4	113	0.25	N
B4	20181224	Cloudy	Light	Mid-Flood	S	1	10:32	8.87	8.1	30.54	17.3	1.74	5	113	0.67	N
B4	20181224	Cloudy	Light	Mid-Flood	S	1	10:33	8.94	8.13	29.86	17.3	1.77	4	113	0.64	N
C1	20181224	Fine	Light	Mid-Ebb	B	10	11:49	9.32	8.2	30.18	17.4	5.16	5	112	0.27	SE
C1	20181224	Fine	Light	Mid-Ebb	B	10	11:50	9.23	8.19	30.04	17.3	5.13	4	113	0.24	SE
C1	20181224	Fine	Light	Mid-Ebb	M	5.5	11:50	9.25	8	30.17	17.3	3.98	4	114	0.47	SE
C1	20181224	Fine	Light	Mid-Ebb	M	5.5	11:51	9.18	8.08	29.82	17.3	3.95	5	114	0.51	SE
C1	20181224	Fine	Light	Mid-Ebb	S	1	11:52	9.21	8.09	30.11	17.4	1.56	5	113	0.61	SE
C1	20181224	Fine	Light	Mid-Ebb	S	1	11:52	9.26	8.15	30.5	17.4	1.51	4	113	0.64	SE
M1	20181224	Fine	Light	Mid-Ebb	B	7.5	12:04	8.76	8.08	30.49	17.4	5.98	4	113	0.27	SE
M1	20181224	Fine	Light	Mid-Ebb	B	7.5	12:04	8.8	8.11	30.36	17.3	6	4	113	0.31	SE
M1	20181224	Fine	Light	Mid-Ebb	M	4.3	12:05	8.78	8.16	30.23	17.4	3.9	6	113	0.45	SE
M1	20181224	Fine	Light	Mid-Ebb	M	4.3	12:06	8.69	8.01	30.24	17.4	3.81	6	114	0.47	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 (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
M1	20181224	Fine	Light	Mid-Ebb	S	1	12:06	8.67	8.09	30.25	17.3	1.22	5	113	0.66	SS
M1	20181224	Fine	Light	Mid-Ebb	S	1	12:07	8.7	8.08	30.59	17.4	1.32	4	113	0.68	S
F1	20181224	Fine	Light	Mid-Ebb	B	7.4	12:34	8.73	8.08	29.83	17.3	5.25	5	113	0.24	SE
F1	20181224	Fine	Light	Mid-Ebb	B	7.4	12:34	8.81	8.03	29.88	17.4	5.35	5	114	0.25	SE
F1	20181224	Fine	Light	Mid-Ebb	M	4.2	12:35	8.74	8.02	29.81	17.3	3.98	5	114	0.5	SE
F1	20181224	Fine	Light	Mid-Ebb	M	4.2	12:35	8.66	8.12	30.11	17.3	4.07	4	113	0.47	SE
F1	20181224	Fine	Light	Mid-Ebb	S	1	12:36	8.73	8.04	30.44	17.3	1.27	4	114	0.69	SE
F1	20181224	Fine	Light	Mid-Ebb	S	1	12:37	8.75	8.04	30.28	17.4	1.36	5	114	0.64	SE
B1	20181224	Fine	Light	Mid-Ebb	B	4.3	12:14	9.1	8.07	30.08	17.4	5.81	6	112	0.26	E
B1	20181224	Fine	Light	Mid-Ebb	B	4.3	12:15	9.12	8.08	30.26	17.4	5.8	6	112	0.21	E
B1	20181224	Fine	Light	Mid-Ebb	S	1	12:15	9.11	8.01	29.77	17.3	1.41	3	112	0.69	E
B1	20181224	Fine	Light	Mid-Ebb	S	1	12:16	9.19	8.01	30.5	17.4	1.44	3	113	0.68	E
S1	20181224	Fine	Light	Mid-Ebb	B	4.4	12:25	9.26	8.06	30.33	17.4	5.14	3	114	0.27	E
S1	20181224	Fine	Light	Mid-Ebb	B	4.4	12:25	9.27	8.2	29.92	17.4	5.05	4	113	0.22	E
S1	20181224	Fine	Light	Mid-Ebb	S	1	12:26	9.19	8.01	30.55	17.3	1.76	5	112	0.6	E
S1	20181224	Fine	Light	Mid-Ebb	S	1	12:27	9.25	8.01	30.16	17.4	1.83	4	113	0.58	E
B2	20181224	Fine	Light	Mid-Ebb	B	4.3	12:35	9.28	8.01	29.89	17.4	5.24	4	112	0.21	SE
B2	20181224	Fine	Light	Mid-Ebb	B	4.3	12:36	9.18	8.2	30.34	17.4	5.16	3	113	0.26	E
B2	20181224	Fine	Light	Mid-Ebb	S	1	12:36	9.08	8.19	29.97	17.4	1.66	3	114	0.69	E
B2	20181224	Fine	Light	Mid-Ebb	S	1	12:37	9.11	8.17	30.4	17.3	1.62	4	111	0.7	SE
C2	20181224	Fine	Light	Mid-Ebb	B	7.3	12:58	9.46	8.05	30.25	17.3	5.62	4	114	0.22	S
C2	20181224	Fine	Light	Mid-Ebb	B	7.3	12:58	9.4	8.03	30.17	17.3	5.6	4	114	0.17	S
C2	20181224	Fine	Light	Mid-Ebb	M	4.2	12:59	9.32	8.2	29.91	17.4	3.27	5	114	0.47	S
C2	20181224	Fine	Light	Mid-Ebb	M	4.2	12:59	9.24	8.06	30.33	17.4	3.22	5	112	0.47	S
C2	20181224	Fine	Light	Mid-Ebb	S	1	13:00	9.32	8.02	30.29	17.3	1.8	5	113	0.66	S
C2	20181224	Fine	Light	Mid-Ebb	S	1	13:01	9.25	8.03	30.3	17.4	1.74	4	114	0.65	S
B4	20181224	Fine	Light	Mid-Ebb	B	4.4	13:14	9.36	8.12	30.18	17.4	5.94	3	114	0.26	SE
B4	20181224	Fine	Light	Mid-Ebb	B	4.4	13:15	9.45	8.12	30.02	17.3	5.87	4	112	0.25	SE
B4	20181224	Fine	Light	Mid-Ebb	S	1	13:16	9.41	8.08	30.3	17.3	1.96	4	114	0.65	SE
B4	20181224	Fine	Light	Mid-Ebb	S	1	13:16	9.37	8.18	30.19	17.3	1.91	3	112	0.68	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
CR2	20181224	Fine	Light	Mid-Ebb	B	8.3	13:06	9.39	8.02	29.7	17.3	5.73	2	114	0.21	SE
CR2	20181224	Fine	Light	Mid-Ebb	B	8.3	13:06	9.38	8.07	30.42	17.4	5.82	3	113	0.25	SE
CR2	20181224	Fine	Light	Mid-Ebb	M	4.7	13:07	9.41	8.04	30.25	17.3	3.93	4	112	0.41	SE
CR2	20181224	Fine	Light	Mid-Ebb	M	4.7	13:08	9.34	8.08	30.38	17.4	3.83	5	113	0.41	SE
CR2	20181224	Fine	Light	Mid-Ebb	S	1	13:08	9.25	8.12	29.96	17.3	1.63	4	113	0.61	SE
CR2	20181224	Fine	Light	Mid-Ebb	S	1	13:09	9.25	8.08	30.36	17.3	1.73	3	114	0.56	SE
S3	20181224	Fine	Light	Mid-Ebb	B	10.5	13:13	9.41	8.09	29.89	17.3	5.91	8	113	0.23	SE
S3	20181224	Fine	Light	Mid-Ebb	B	10.5	13:13	9.44	8.03	30	17.3	5.83	9	113	0.24	SE
S3	20181224	Fine	Light	Mid-Ebb	M	5.8	13:14	9.35	8	29.95	17.4	3.65	5	112	0.44	SE
S3	20181224	Fine	Light	Mid-Ebb	M	5.8	13:14	9.41	8.08	30.06	17.4	3.56	4	113	0.39	SE
S3	20181224	Fine	Light	Mid-Ebb	S	1	13:15	9.41	8.16	30.55	17.4	1.69	4	113	0.6	SE
S3	20181224	Fine	Light	Mid-Ebb	S	1	13:16	9.39	8.14	30.55	17.3	1.78	4	112	0.64	SE
CR1	20181224	Fine	Light	Mid-Ebb	B	7.8	13:27	9.13	8.05	30.43	17.3	5.35	4	113	0.22	S
CR1	20181224	Fine	Light	Mid-Ebb	B	7.8	13:28	9.13	8.14	29.95	17.4	5.33	4	113	0.18	S
CR1	20181224	Fine	Light	Mid-Ebb	M	4.4	13:28	9.1	8.18	30.43	17.4	3.36	5	113	0.42	SE
CR1	20181224	Fine	Light	Mid-Ebb	M	4.4	13:29	9.2	8.04	29.73	17.3	3.34	4	112	0.42	SE
CR1	20181224	Fine	Light	Mid-Ebb	S	1	13:30	9.2	8.17	30.15	17.4	1.47	5	114	0.67	SE
CR1	20181224	Fine	Light	Mid-Ebb	S	1	13:30	9.2	8.11	29.91	17.4	1.49	4	114	0.68	SE
B3	20181224	Fine	Light	Mid-Ebb	B	4.5	13:29	9.14	8	29.83	17.4	5.47	6	114	0.28	E
B3	20181224	Fine	Light	Mid-Ebb	B	4.5	13:30	9.07	8.19	29.81	17.4	5.5	5	112	0.23	E
B3	20181224	Fine	Light	Mid-Ebb	S	1	13:30	9.13	8.07	30.46	17.4	1.05	4	112	0.61	E
B3	20181224	Fine	Light	Mid-Ebb	S	1	13:31	9.11	8.02	30.55	17.4	1.13	3	112	0.58	E
H1	20181224	Fine	Light	Mid-Ebb	B	7.2	13:44	8.78	8.19	30.46	17.3	5.49	5	112	0.27	SE
H1	20181224	Fine	Light	Mid-Ebb	B	7.2	13:45	8.85	8.15	30.38	17.3	5.46	6	113	0.25	SE
H1	20181224	Fine	Light	Mid-Ebb	M	4.1	13:46	8.77	8.1	29.89	17.3	3.4	4	112	0.5	E
H1	20181224	Fine	Light	Mid-Ebb	M	4.1	13:46	8.85	8.15	30.04	17.4	3.5	5	112	0.49	E
H1	20181224	Fine	Light	Mid-Ebb	S	1	13:47	8.86	8.09	30.3	17.3	1.01	4	112	0.7	E
H1	20181224	Fine	Light	Mid-Ebb	S	1	13:47	8.96	8.19	30.58	17.4	0.98	4	112	0.68	E
S2	20181224	Fine	Light	Mid-Ebb	B	7.5	14:01	8.93	8.02	30.49	17.4	5.9	6	113	0.27	SE
S2	20181224	Fine	Light	Mid-Ebb	B	7.5	14:02	9.02	8.01	30.3	17.3	5.99	6	113	0.26	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
S2	20181224	Fine	Light	Mid-Ebb	M	4.3	14:02	9.06	8	30.41	17.3	3.99	7	113	0.46	SE
S2	20181224	Fine	Light	Mid-Ebb	M	4.3	14:03	9.15	8.18	30.14	17.3	4.09	7	114	0.48	SE
S2	20181224	Fine	Light	Mid-Ebb	S	1	14:04	9.14	8.02	30.54	17.3	1.37	9	112	0.68	SE
S2	20181224	Fine	Light	Mid-Ebb	S	1	14:04	9.08	8.2	30.33	17.3	1.42	9	112	0.65	SE
C2	20181227	Sunny	Moderate	Mid-Flood	B	9.3	9:00	8.37	8.05	29.84	18.7	6.73	4	112	0.22	NE
C2	20181227	Sunny	Moderate	Mid-Flood	B	9.3	9:00	8.36	8	30.01	18.8	6.73	5	112	0.23	NE
C2	20181227	Sunny	Moderate	Mid-Flood	M	5.2	9:01	8.4	8.06	30.62	18.7	4.89	8	113	0.43	NE
C2	20181227	Sunny	Moderate	Mid-Flood	M	5.2	9:01	8.46	8.03	30.4	18.8	4.86	7	111	0.45	NE
C2	20181227	Sunny	Moderate	Mid-Flood	S	1	9:02	8.4	8.09	30.25	18.7	2.72	6	113	0.67	NE
C2	20181227	Sunny	Moderate	Mid-Flood	S	1	9:03	8.47	8.13	30.18	18.7	2.75	8	113	0.65	NE
S3	20181227	Sunny	Moderate	Mid-Flood	B	11.1	9:18	8.55	8.09	29.93	18.8	6.85	7	111	0.3	W
S3	20181227	Sunny	Moderate	Mid-Flood	B	11.1	9:19	8.59	8.19	30.48	18.7	6.87	6	111	0.28	W
S3	20181227	Sunny	Moderate	Mid-Flood	M	6.1	9:19	8.61	8.19	30.31	18.7	4.89	6	111	0.4	W
S3	20181227	Sunny	Moderate	Mid-Flood	M	6.1	9:20	8.55	8.17	30.37	18.8	4.87	6	114	0.42	W
S3	20181227	Sunny	Moderate	Mid-Flood	S	1	9:21	8.65	8.07	30.28	18.7	2	7	111	0.68	W
S3	20181227	Sunny	Moderate	Mid-Flood	S	1	9:21	8.67	8.17	30.51	18.7	2.05	6	111	0.69	W
M1	20181227	Sunny	Moderate	Mid-Flood	B	7.9	9:30	9.15	8.2	29.97	18.8	6.3	8	111	0.24	NW
M1	20181227	Sunny	Moderate	Mid-Flood	B	7.9	9:31	9.17	8.04	30.2	18.8	6.34	8	113	0.26	NW
M1	20181227	Sunny	Moderate	Mid-Flood	M	4.5	9:31	9.23	8.18	29.93	18.7	4.72	8	114	0.48	NW
M1	20181227	Sunny	Moderate	Mid-Flood	M	4.5	9:32	9.2	8.09	30.59	18.8	4.67	9	112	0.49	NW
M1	20181227	Sunny	Moderate	Mid-Flood	S	1	9:32	9.26	8.03	30.43	18.8	2.52	4	112	0.7	NW
M1	20181227	Sunny	Moderate	Mid-Flood	S	1	9:33	9.21	8.02	30.4	18.8	2.5	6	111	0.72	NW
CR2	20181227	Sunny	Moderate	Mid-Flood	B	8	9:28	8.64	8.14	30.03	18.7	6.47	11	112	0.24	NW
CR2	20181227	Sunny	Moderate	Mid-Flood	B	8	9:28	8.74	8.02	29.73	18.7	6.44	13	111	0.23	NW
CR2	20181227	Sunny	Moderate	Mid-Flood	M	4.5	9:29	8.78	8.18	30.68	18.7	4.73	11	112	0.49	NW
CR2	20181227	Sunny	Moderate	Mid-Flood	M	4.5	9:29	8.72	8.2	30	18.8	4.74	13	112	0.51	NW
CR2	20181227	Sunny	Moderate	Mid-Flood	S	1	9:30	8.63	8.2	30.63	18.8	2.18	7	112	0.68	NW
CR2	20181227	Sunny	Moderate	Mid-Flood	S	1	9:31	8.7	8.01	29.76	18.7	2.23	7	113	0.69	NW
CR1	20181227	Sunny	Moderate	Mid-Flood	B	7.8	9:10	8.58	8.08	29.72	18.7	6.92	13	112	0.2	NW
CR1	20181227	Sunny	Moderate	Mid-Flood	B	7.8	9:11	8.55	8.07	30.56	18.7	6.92	11	112	0.19	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
CR1	20181227	Sunny	Moderate	Mid-Flood	M	4.4	9:12	8.45	8.12	29.72	18.8	4.9	7	113	0.48	NW
CR1	20181227	Sunny	Moderate	Mid-Flood	M	4.4	9:12	8.37	8.08	30.66	18.8	4.87	9	111	0.49	NW
CR1	20181227	Sunny	Moderate	Mid-Flood	S	1	9:13	8.37	8.15	29.89	18.7	2.3	8	112	0.7	N
CR1	20181227	Sunny	Moderate	Mid-Flood	S	1	9:13	8.34	8.09	30.04	18.8	2.32	7	111	0.71	W
C1	20181227	Sunny	Moderate	Mid-Flood	B	11.3	9:59	8.3	8.19	30.42	18.8	6.1	10	112	0.29	NW
C1	20181227	Sunny	Moderate	Mid-Flood	B	11.3	10:00	8.23	8.04	29.81	18.7	6.1	9	112	0.29	NW
C1	20181227	Sunny	Moderate	Mid-Flood	M	6.2	10:00	8.18	8.03	30.3	18.7	4.46	8	112	0.47	NW
C1	20181227	Sunny	Moderate	Mid-Flood	M	6.2	10:01	8.11	8.16	30.64	18.7	4.51	7	111	0.46	NW
C1	20181227	Sunny	Moderate	Mid-Flood	S	1	10:01	8.21	8.03	29.86	18.7	2.33	6	110	0.63	NW
C1	20181227	Sunny	Moderate	Mid-Flood	S	1	10:02	8.17	8.12	29.97	18.7	2.37	7	112	0.63	NW
F1	20181227	Sunny	Moderate	Mid-Flood	B	7.8	10:11	8.58	8.01	29.82	18.8	6.83	8	111	0.27	NW
F1	20181227	Sunny	Moderate	Mid-Flood	B	7.8	10:11	8.56	8.12	30.66	18.8	6.87	6	113	0.28	NW
F1	20181227	Sunny	Moderate	Mid-Flood	M	4.4	10:12	8.56	8	30.53	18.7	4.39	8	112	0.42	NW
F1	20181227	Sunny	Moderate	Mid-Flood	M	4.4	10:13	8.59	8.16	30.03	18.8	4.4	6	111	0.42	NW
F1	20181227	Sunny	Moderate	Mid-Flood	S	1	10:13	8.67	8.08	29.75	18.7	2.69	6	112	0.61	NW
F1	20181227	Sunny	Moderate	Mid-Flood	S	1	10:14	8.6	8.1	30.12	18.8	2.69	7	112	0.6	NW
B1	20181227	Sunny	Moderate	Mid-Flood	B	4.7	10:23	8.85	8.11	30.18	18.8	6.76	8	114	0.22	NW
B1	20181227	Sunny	Moderate	Mid-Flood	B	4.7	10:24	8.93	8.19	30.61	18.8	6.8	8	113	0.21	NW
B1	20181227	Sunny	Moderate	Mid-Flood	S	1	10:25	8.9	8.02	30.43	18.7	2.26	11	113	0.63	NW
B1	20181227	Sunny	Moderate	Mid-Flood	S	1	10:25	8.89	8.11	29.89	18.8	2.26	10	113	0.61	NW
S1	20181227	Sunny	Moderate	Mid-Flood	B	4.6	10:33	8.57	8.17	29.75	18.7	6.6	8	111	0.3	NW
S1	20181227	Sunny	Moderate	Mid-Flood	B	4.6	10:33	8.49	8.07	30.25	18.8	6.63	9	112	0.3	NW
S1	20181227	Sunny	Moderate	Mid-Flood	S	1	10:34	8.58	8	30.55	18.8	2.65	6	112	0.63	NW
S1	20181227	Sunny	Moderate	Mid-Flood	S	1	10:35	8.63	8.11	30.15	18.7	2.68	7	111	0.65	N
H1	20181227	Sunny	Moderate	Mid-Flood	B	7.8	10:54	8.82	8.14	30.62	18.7	6.05	4	114	0.28	W
H1	20181227	Sunny	Moderate	Mid-Flood	B	7.8	10:55	8.76	8.18	30.6	18.7	6.04	3	112	0.28	W
H1	20181227	Sunny	Moderate	Mid-Flood	M	4.4	10:56	8.79	8.02	30.64	18.8	4.28	4	113	0.45	W
H1	20181227	Sunny	Moderate	Mid-Flood	M	4.4	10:56	8.8	8.13	29.81	18.8	4.28	6	113	0.44	W
H1	20181227	Sunny	Moderate	Mid-Flood	S	1	10:57	8.71	8.02	29.83	18.7	2.32	9	113	0.64	W
H1	20181227	Sunny	Moderate	Mid-Flood	S	1	10:57	8.78	8.03	30.1	18.8	2.33	9	114	0.62	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
B3	20181227	Sunny	Moderate	Mid-Flood	B	4.7	11:10	8.93	8.05	30.58	18.8	6.55	4	112	0.21	NW
B3	20181227	Sunny	Moderate	Mid-Flood	B	4.7	11:11	8.88	8.01	29.86	18.8	6.59	3	114	0.19	NW
B3	20181227	Sunny	Moderate	Mid-Flood	S	1	11:11	8.96	8.12	30	18.7	2.5	5	113	0.64	NW
B3	20181227	Sunny	Moderate	Mid-Flood	S	1	11:12	9.06	8.2	30.68	18.8	2.55	4	113	0.62	NW
B2	20181227	Sunny	Moderate	Mid-Flood	B	4.8	10:41	8.35	8.1	30.04	18.7	6.98	9	113	0.27	N
B2	20181227	Sunny	Moderate	Mid-Flood	B	4.8	10:41	8.29	8.16	29.83	18.7	6.99	9	112	0.26	N
B2	20181227	Sunny	Moderate	Mid-Flood	S	1	10:42	8.21	8.07	29.91	18.8	2.25	8	113	0.63	N
B2	20181227	Sunny	Moderate	Mid-Flood	S	1	10:42	8.21	8.12	29.99	18.7	2.26	8	111	0.64	N
S2	20181227	Sunny	Moderate	Mid-Flood	B	10.7	10:58	9.1	8.11	30.47	18.7	6.62	7	111	0.23	NW
S2	20181227	Sunny	Moderate	Mid-Flood	B	10.7	10:59	9.16	8.19	30.03	18.7	6.62	9	113	0.22	NW
S2	20181227	Sunny	Moderate	Mid-Flood	M	5.9	10:59	9.11	8.07	30.33	18.8	4.63	8	111	0.49	NW
S2	20181227	Sunny	Moderate	Mid-Flood	M	5.9	11:00	9.12	8.2	30.27	18.8	4.68	7	112	0.47	NW
S2	20181227	Sunny	Moderate	Mid-Flood	S	1	11:00	9.1	8.05	30.61	18.7	2.89	5	112	0.64	NW
S2	20181227	Sunny	Moderate	Mid-Flood	S	1	11:01	9.1	8.01	30.64	18.8	2.9	7	112	0.64	NW
B4	20181227	Sunny	Moderate	Mid-Flood	B	4.6	11:27	8.99	8.06	29.99	18.7	6.89	5	112	0.29	N
B4	20181227	Sunny	Moderate	Mid-Flood	B	4.6	11:27	9.07	8.03	30.6	18.8	6.89	6	113	0.31	N
B4	20181227	Sunny	Moderate	Mid-Flood	S	1	11:28	9.1	8.04	30.44	18.8	2.98	7	114	0.65	N
B4	20181227	Sunny	Moderate	Mid-Flood	S	1	11:29	9.2	8.17	29.92	18.7	2.98	6	112	0.66	N
C1	20181227	Cloudy	Light	Mid-Ebb	B	10.1	14:34	9.2	8.02	30.33	18.7	6.63	6	112	0.27	SE
C1	20181227	Cloudy	Light	Mid-Ebb	B	10.1	14:35	9.23	8.07	30.02	18.7	6.64	5	114	0.27	SE
C1	20181227	Cloudy	Light	Mid-Ebb	M	5.6	14:35	9.18	8.19	30.64	18.8	4.53	5	114	0.42	SE
C1	20181227	Cloudy	Light	Mid-Ebb	M	5.6	14:36	9.25	8.17	30	18.8	4.49	5	113	0.41	SE
C1	20181227	Cloudy	Light	Mid-Ebb	S	1	14:37	9.31	8.2	29.91	18.8	2.84	5	113	0.61	SE
C1	20181227	Cloudy	Light	Mid-Ebb	S	1	14:37	9.35	8.04	30.4	18.7	2.79	7	114	0.63	SE
M1	20181227	Cloudy	Light	Mid-Ebb	B	7.4	14:43	8.3	8.12	29.86	18.8	6.34	7	113	0.25	N
M1	20181227	Cloudy	Light	Mid-Ebb	B	7.4	14:43	8.36	8.12	29.91	18.8	6.39	5	112	0.24	N
M1	20181227	Cloudy	Light	Mid-Ebb	M	4.2	14:44	8.36	8.11	30.02	18.8	5	5	113	0.44	N
M1	20181227	Cloudy	Light	Mid-Ebb	M	4.2	14:45	8.4	8.12	30.37	18.8	5.02	6	113	0.46	N
M1	20181227	Cloudy	Light	Mid-Ebb	S	1	14:45	8.41	8.18	30.29	18.8	2.04	4	113	0.6	N
M1	20181227	Cloudy	Light	Mid-Ebb	S	1	14:46	8.43	8.06	29.88	18.7	1.99	5	113	0.6	N

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
B1	20181227	Cloudy	Light	Mid-Ebb	B	4.3	15:00	8.81	8.02	30.13	18.8	6.18	7	113	0.27	NE
B1	20181227	Cloudy	Light	Mid-Ebb	B	4.3	15:00	8.76	8.1	29.78	18.7	6.14	9	112	0.26	NE
B1	20181227	Cloudy	Light	Mid-Ebb	S	1	15:01	8.79	8.09	30.58	18.8	2.33	6	112	0.7	NE
B1	20181227	Cloudy	Light	Mid-Ebb	S	1	15:01	8.78	8.16	29.96	18.7	2.36	7	112	0.72	NE
F1	20181227	Cloudy	Light	Mid-Ebb	B	7.9	15:11	9.19	8.02	30.3	18.8	6.84	5	112	0.28	SE
F1	20181227	Cloudy	Light	Mid-Ebb	B	7.9	15:12	9.09	8	30.53	18.8	6.79	4	112	0.28	SE
F1	20181227	Cloudy	Light	Mid-Ebb	M	4.5	15:12	9.09	8.03	30.38	18.8	4.18	6	112	0.42	SE
F1	20181227	Cloudy	Light	Mid-Ebb	M	4.5	15:13	9.14	8.18	30.23	18.7	4.14	6	112	0.44	SE
F1	20181227	Cloudy	Light	Mid-Ebb	S	1	15:13	9.04	8.03	30.19	18.7	2.12	7	111	0.67	SE
F1	20181227	Cloudy	Light	Mid-Ebb	S	1	15:14	9.09	8.12	30.66	18.7	2.09	7	112	0.67	SE
S1	20181227	Cloudy	Light	Mid-Ebb	B	4.3	15:15	8.31	8.18	30.15	18.8	6.61	8	113	0.26	E
S1	20181227	Cloudy	Light	Mid-Ebb	B	4.3	15:15	8.32	8.03	29.96	18.7	6.56	8	112	0.25	E
S1	20181227	Cloudy	Light	Mid-Ebb	S	1	15:16	8.36	8.05	30.54	18.7	2.94	11	113	0.6	E
S1	20181227	Cloudy	Light	Mid-Ebb	S	1	15:17	8.41	8.01	30.38	18.7	2.92	12	112	0.6	E
C2	20181227	Cloudy	Light	Mid-Ebb	B	7.2	15:34	8.88	8.13	29.92	18.7	6.65	7	112	0.2	SE
C2	20181227	Cloudy	Light	Mid-Ebb	B	7.2	15:35	8.87	8.03	30.64	18.8	6.62	7	111	0.19	SE
C2	20181227	Cloudy	Light	Mid-Ebb	M	4.1	15:35	8.9	8.18	30.7	18.7	4.78	6	112	0.48	SE
C2	20181227	Cloudy	Light	Mid-Ebb	M	4.1	15:36	8.98	8.09	29.87	18.7	4.73	8	113	0.47	SE
C2	20181227	Cloudy	Light	Mid-Ebb	S	1	15:37	8.93	8.1	30.14	18.7	2.18	7	113	0.62	S
C2	20181227	Cloudy	Light	Mid-Ebb	S	1	15:37	8.87	8.07	29.99	18.8	2.2	5	112	0.62	S
B2	20181227	Cloudy	Light	Mid-Ebb	B	4.4	15:25	9.1	8.01	29.87	18.8	6.29	7	112	0.22	SE
B2	20181227	Cloudy	Light	Mid-Ebb	B	4.4	15:25	9.19	8.09	30.66	18.8	6.29	6	113	0.24	SE
B2	20181227	Cloudy	Light	Mid-Ebb	S	1	15:26	9.25	8.05	30.32	18.7	2.47	8	111	0.67	SE
B2	20181227	Cloudy	Light	Mid-Ebb	S	1	15:27	9.21	8	29.8	18.7	2.42	10	113	0.68	SE
S2	20181227	Cloudy	Light	Mid-Ebb	B	8	15:42	8.38	8.11	29.71	18.8	6.9	8	111	0.29	SE
S2	20181227	Cloudy	Light	Mid-Ebb	B	8	15:43	8.43	8.15	29.8	18.8	6.88	10	111	0.29	SE
S2	20181227	Cloudy	Light	Mid-Ebb	M	4.5	15:44	8.48	8.03	29.71	18.7	4.92	6	112	0.49	SE
S2	20181227	Cloudy	Light	Mid-Ebb	M	4.5	15:44	8.51	8.2	29.79	18.7	4.95	7	111	0.48	SE
S2	20181227	Cloudy	Light	Mid-Ebb	S	1	15:45	8.43	8.1	30.08	18.7	2.48	6	111	0.6	SE
S2	20181227	Cloudy	Light	Mid-Ebb	S	1	15:45	8.35	8.03	30.15	18.7	2.45	8	113	0.62	SE

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
H1	20181227	Cloudy	Light	Mid-Ebb	B	7.3	15:55	8.32	8.19	29.9	18.8	6.93	6	113	0.23	E
H1	20181227	Cloudy	Light	Mid-Ebb	B	7.3	15:56	8.25	8.03	30.08	18.7	6.98	6	113	0.23	E
H1	20181227	Cloudy	Light	Mid-Ebb	M	4.2	15:56	8.27	8.1	30.34	18.8	4.99	6	112	0.48	E
H1	20181227	Cloudy	Light	Mid-Ebb	M	4.2	15:57	8.28	8.19	29.72	18.7	5.03	4	111	0.48	E
H1	20181227	Cloudy	Light	Mid-Ebb	S	1	15:58	8.19	8.1	30.15	18.7	2.02	8	112	0.67	E
H1	20181227	Cloudy	Light	Mid-Ebb	S	1	15:58	8.14	8.15	30	18.7	2.06	8	112	0.67	E
CR2	20181227	Cloudy	Light	Mid-Ebb	B	8.4	15:55	8.81	8.07	30.54	18.7	6.94	6	114	0.26	SE
CR2	20181227	Cloudy	Light	Mid-Ebb	B	8.4	15:55	8.86	8.11	30.24	18.7	6.91	8	114	0.24	SE
CR2	20181227	Cloudy	Light	Mid-Ebb	M	4.7	15:56	8.88	8.03	30.66	18.8	4.81	8	114	0.48	SE
CR2	20181227	Cloudy	Light	Mid-Ebb	M	4.7	15:57	8.98	8	30.7	18.8	4.77	7	112	0.48	SE
CR2	20181227	Cloudy	Light	Mid-Ebb	S	1	15:57	8.89	8.12	30.47	18.8	2.59	9	114	0.69	SE
CR2	20181227	Cloudy	Light	Mid-Ebb	S	1	15:58	8.92	8.1	29.98	18.7	2.61	9	113	0.7	SE
CR1	20181227	Cloudy	Light	Mid-Ebb	B	8.1	16:15	8.32	8.17	29.9	18.7	6.12	10	114	0.29	SE
CR1	20181227	Cloudy	Light	Mid-Ebb	B	8.1	16:16	8.42	8.01	30.23	18.7	6.08	8	114	0.28	SE
CR1	20181227	Cloudy	Light	Mid-Ebb	M	4.6	16:17	8.47	8.13	30.21	18.7	4.8	7	114	0.48	SE
CR1	20181227	Cloudy	Light	Mid-Ebb	M	4.6	16:17	8.42	8.15	30.18	18.8	4.76	9	113	0.48	SE
CR1	20181227	Cloudy	Light	Mid-Ebb	S	1	16:18	8.37	8.11	30.3	18.7	2.62	9	112	0.67	SE
CR1	20181227	Cloudy	Light	Mid-Ebb	S	1	16:19	8.31	8.07	30.65	18.8	2.62	8	112	0.68	SE
B3	20181227	Cloudy	Light	Mid-Ebb	B	4.4	16:15	8.96	8.13	30.14	18.7	6.07	9	113	0.27	E
B3	20181227	Cloudy	Light	Mid-Ebb	B	4.4	16:16	8.98	8.15	29.82	18.8	6.03	10	112	0.29	E
B3	20181227	Cloudy	Light	Mid-Ebb	S	1	16:16	9.07	8.02	30.51	18.7	2.4	7	111	0.63	E
B3	20181227	Cloudy	Light	Mid-Ebb	S	1	16:17	9.05	8.03	30	18.7	2.35	5	113	0.61	E
B4	20181227	Cloudy	Light	Mid-Ebb	B	4.2	16:31	8.31	8.01	30.61	18.7	6.2	6	114	0.23	E
B4	20181227	Cloudy	Light	Mid-Ebb	B	4.2	16:31	8.33	8.19	30.24	18.7	6.22	6	112	0.22	S
B4	20181227	Cloudy	Light	Mid-Ebb	S	1	16:32	8.29	8.05	29.98	18.7	2.25	6	113	0.65	SE
B4	20181227	Cloudy	Light	Mid-Ebb	S	1	16:32	8.23	8.15	29.78	18.8	2.2	5	112	0.67	SE
S3	20181227	Cloudy	Light	Mid-Ebb	B	10.3	16:05	9.01	8.1	30.29	18.7	6.02	9	112	0.23	SE
S3	20181227	Cloudy	Light	Mid-Ebb	B	10.3	16:06	9.03	8.06	30.59	18.8	6.03	7	111	0.25	S
S3	20181227	Cloudy	Light	Mid-Ebb	M	5.7	16:06	9.07	8.04	29.93	18.7	4.27	8	113	0.48	SE
S3	20181227	Cloudy	Light	Mid-Ebb	M	5.7	16:07	9.02	8.18	30.03	18.7	4.22	8	112	0.47	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
S3	20181227	Cloudy	Light	Mid-Ebb	S	1	16:08	8.93	8.08	29.96	18.7	2.84	7	112	0.7	SE
S3	20181227	Cloudy	Light	Mid-Ebb	S	1	16:08	8.92	8.07	29.76	18.7	2.83	7	113	0.68	SE
C2	20181229	Cloudy	Moderate	Mid-Flood	B	9.3	10:47	8.1	8.15	29.58	17.1	6.99	7	114	0.29	NE
C2	20181229	Cloudy	Moderate	Mid-Flood	B	9.3	10:47	8	8.2	29.58	17.2	6.98	8	113	0.27	N
C2	20181229	Cloudy	Moderate	Mid-Flood	M	5.2	10:48	7.95	8.08	30.32	17.2	4.97	7	114	0.4	N
C2	20181229	Cloudy	Moderate	Mid-Flood	M	5.2	10:48	7.89	8.13	30.08	17.1	4.94	8	113	0.4	N
C2	20181229	Cloudy	Moderate	Mid-Flood	S	1	10:49	7.95	8.06	30.33	17.2	2.02	7	112	0.61	NE
C2	20181229	Cloudy	Moderate	Mid-Flood	S	1	10:50	7.92	8.11	30.17	17.2	1.97	6	114	0.6	NE
CR1	20181229	Cloudy	Moderate	Mid-Flood	B	7.8	10:52	9.1	8.05	30.47	17.2	6.17	23	114	0.23	NW
CR1	20181229	Cloudy	Moderate	Mid-Flood	B	7.8	10:53	9.03	8.15	29.5	17.2	6.08	24	114	0.22	NW
CR1	20181229	Cloudy	Moderate	Mid-Flood	M	4.4	10:53	9.09	8.11	29.67	17.1	4.56	22	114	0.48	NW
CR1	20181229	Cloudy	Moderate	Mid-Flood	M	4.4	10:54	9.11	8.14	29.6	17.1	4.47	23	113	0.48	NW
CR1	20181229	Cloudy	Moderate	Mid-Flood	S	1	10:55	9.02	8.19	30.35	17.2	2.95	22	113	0.68	NW
CR1	20181229	Cloudy	Moderate	Mid-Flood	S	1	10:55	9.04	8.11	30.39	17.1	2.9	23	114	0.69	NW
F1	20181229	Cloudy	Moderate	Mid-Flood	B	7.9	11:14	8.53	8.03	29.89	17.1	6.48	9	115	0.27	W
F1	20181229	Cloudy	Moderate	Mid-Flood	B	7.9	11:15	8.46	8.01	29.75	17.2	6.56	8	112	0.29	W
F1	20181229	Cloudy	Moderate	Mid-Flood	M	4.5	11:15	8.48	8.18	29.7	17.2	4.42	7	111	0.49	W
F1	20181229	Cloudy	Moderate	Mid-Flood	M	4.5	11:16	8.57	8.13	30.39	17.1	4.47	8	115	0.51	W
F1	20181229	Cloudy	Moderate	Mid-Flood	S	1	11:16	8.62	8.03	30.42	17.2	2.9	7	112	0.64	W
F1	20181229	Cloudy	Moderate	Mid-Flood	S	1	11:17	8.65	8.06	29.98	17.1	3	7	112	0.64	W
S3	20181229	Cloudy	Moderate	Mid-Flood	B	11	11:05	9.16	8.03	30.44	17.1	6.44	26	114	0.21	W
S3	20181229	Cloudy	Moderate	Mid-Flood	B	11	11:05	9.09	8	30.43	17.1	6.37	25	114	0.21	NW
S3	20181229	Cloudy	Moderate	Mid-Flood	M	6	11:06	9	8.17	29.79	17.2	4.16	22	114	0.48	NW
S3	20181229	Cloudy	Moderate	Mid-Flood	M	6	11:06	9.04	8.11	30.35	17.1	4.12	24	113	0.5	NW
S3	20181229	Cloudy	Moderate	Mid-Flood	S	1	11:07	8.97	8.12	30.06	17.2	2.24	22	113	0.67	W
S3	20181229	Cloudy	Moderate	Mid-Flood	S	1	11:08	8.89	8.18	29.84	17.1	2.32	22	113	0.69	W
CR2	20181229	Cloudy	Moderate	Mid-Flood	B	8.1	11:16	8.7	8.11	30.06	17.1	6.62	25	113	0.3	NW
CR2	20181229	Cloudy	Moderate	Mid-Flood	B	8.1	11:17	8.77	8.05	29.6	17.2	6.58	25	113	0.28	NW
CR2	20181229	Cloudy	Moderate	Mid-Flood	M	4.6	11:18	8.77	8.17	29.94	17.1	4.5	23	113	0.4	NW
CR2	20181229	Cloudy	Moderate	Mid-Flood	M	4.6	11:18	8.77	8.12	30.33	17.2	4.46	22	114	0.4	NW

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
CR2	20181229	Cloudy	Moderate	Mid-Flood	S	1	11:19	8.86	8.05	30.05	17.2	2.39	23	114	0.62	NW
CR2	20181229	Cloudy	Moderate	Mid-Flood	S	1	11:19	8.88	8.12	30.49	17.1	2.4	22	114	0.62	NW
M1	20181229	Cloudy	Moderate	Mid-Flood	B	7.9	11:45	8.69	8.01	30.19	17.1	6.93	8	114	0.24	NW
M1	20181229	Cloudy	Moderate	Mid-Flood	B	7.9	11:46	8.66	8.01	30.09	17.1	6.84	8	114	0.26	NW
M1	20181229	Cloudy	Moderate	Mid-Flood	M	4.5	11:46	8.57	8.14	30.04	17.1	4.81	7	115	0.4	NW
M1	20181229	Cloudy	Moderate	Mid-Flood	M	4.5	11:47	8.65	8.01	29.62	17.1	4.8	8	114	0.42	W
M1	20181229	Cloudy	Moderate	Mid-Flood	S	1	11:47	8.56	8.14	30.09	17.1	2.8	7	113	0.61	W
M1	20181229	Cloudy	Moderate	Mid-Flood	S	1	11:48	8.6	8.01	29.53	17.2	2.73	8	114	0.61	W
C1	20181229	Cloudy	Moderate	Mid-Flood	B	11.3	11:48	8.5	8.11	29.93	17.1	6.17	21	113	0.24	NW
C1	20181229	Cloudy	Moderate	Mid-Flood	B	11.3	11:48	8.47	8.09	29.62	17.2	6.14	22	113	0.24	NW
C1	20181229	Cloudy	Moderate	Mid-Flood	M	6.2	11:49	8.51	8.07	30.11	17.1	4.24	20	112	0.45	NW
C1	20181229	Cloudy	Moderate	Mid-Flood	M	6.2	11:50	8.57	8.01	29.73	17.1	4.22	21	114	0.45	NW
C1	20181229	Cloudy	Moderate	Mid-Flood	S	1	11:50	8.64	8.16	29.82	17.2	2.24	20	113	0.65	NW
C1	20181229	Cloudy	Moderate	Mid-Flood	S	1	11:51	8.64	8.04	29.5	17.2	2.32	20	113	0.67	NW
B1	20181229	Cloudy	Moderate	Mid-Flood	B	4.6	12:13	8	8.2	30.5	17.2	6.7	24	112	0.2	NW
B1	20181229	Cloudy	Moderate	Mid-Flood	B	4.6	12:14	8.08	8.06	29.63	17.2	6.73	24	114	0.18	NW
B1	20181229	Cloudy	Moderate	Mid-Flood	S	1	12:15	8.13	8.18	29.8	17.1	2.25	19	113	0.68	NW
B1	20181229	Cloudy	Moderate	Mid-Flood	S	1	12:15	8.06	8.01	29.6	17.2	2.34	20	113	0.69	NW
S1	20181229	Cloudy	Moderate	Mid-Flood	B	4.7	12:24	8.22	8.19	29.73	17.1	6.17	24	113	0.2	N
S1	20181229	Cloudy	Moderate	Mid-Flood	B	4.7	12:24	8.26	8.06	30.41	17.1	6.07	24	113	0.22	N
S1	20181229	Cloudy	Moderate	Mid-Flood	S	1	12:25	8.28	8.02	29.94	17.2	2.57	22	112	0.69	N
S1	20181229	Cloudy	Moderate	Mid-Flood	S	1	12:26	8.34	8.03	29.68	17.1	2.54	21	114	0.7	N
H1	20181229	Cloudy	Moderate	Mid-Flood	B	7.9	12:26	9.05	8.19	30.28	17.2	6.86	11	113	0.26	W
H1	20181229	Cloudy	Moderate	Mid-Flood	B	7.9	12:27	9.03	8.02	30.39	17.2	6.94	10	113	0.26	W
H1	20181229	Cloudy	Moderate	Mid-Flood	M	4.5	12:28	9.06	8.15	29.66	17.1	4.73	11	112	0.5	W
H1	20181229	Cloudy	Moderate	Mid-Flood	M	4.5	12:28	9.05	8.05	29.51	17.1	4.69	10	112	0.5	W
H1	20181229	Cloudy	Moderate	Mid-Flood	S	1	12:29	8.97	8.11	29.56	17.2	2.07	11	113	0.68	W
H1	20181229	Cloudy	Moderate	Mid-Flood	S	1	12:29	8.91	8.13	30.01	17.2	2.11	10	113	0.67	W
B2	20181229	Cloudy	Moderate	Mid-Flood	B	4.7	12:34	8.18	8.01	29.86	17.1	6.05	17	113	0.25	N
B2	20181229	Cloudy	Moderate	Mid-Flood	B	4.7	12:35	8.22	8.18	29.99	17.2	5.96	16	114	0.24	N

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
B2	20181229	Cloudy	Moderate	Mid-Flood	S	1	12:35	8.27	8.1	30.15	17.1	2.55	16	113	0.66	N
B2	20181229	Cloudy	Moderate	Mid-Flood	S	1	12:36	8.31	8.08	30.09	17.1	2.55	15	112	0.66	N
B3	20181229	Cloudy	Moderate	Mid-Flood	B	4.6	12:43	8.65	8.11	29.91	17.2	6.83	10	113	0.2	NW
B3	20181229	Cloudy	Moderate	Mid-Flood	B	4.6	12:43	8.55	8.01	30.16	17.2	6.79	11	114	0.2	NW
B3	20181229	Cloudy	Moderate	Mid-Flood	S	1	12:44	8.5	8.18	30.1	17.1	2.77	10	113	0.64	NW
B3	20181229	Cloudy	Moderate	Mid-Flood	S	1	12:44	8.56	8.09	30.25	17.2	2.68	10	113	0.62	NW
B4	20181229	Cloudy	Moderate	Mid-Flood	B	4.7	13:00	9.16	8.02	30.32	17.2	6.1	9	114	0.21	NW
B4	20181229	Cloudy	Moderate	Mid-Flood	B	4.7	13:01	9.08	8.08	30.3	17.1	6.18	9	112	0.23	N
B4	20181229	Cloudy	Moderate	Mid-Flood	S	1	13:01	9.12	8.15	29.5	17.1	2.66	9	113	0.6	N
B4	20181229	Cloudy	Moderate	Mid-Flood	S	1	13:02	9.13	8.06	30.14	17.2	2.65	8	112	0.6	N
S2	20181229	Cloudy	Moderate	Mid-Flood	B	10.6	12:50	9.15	8.12	29.68	17.1	6.27	23	113	0.25	NW
S2	20181229	Cloudy	Moderate	Mid-Flood	B	10.6	12:51	9.16	8.05	29.99	17.1	6.17	24	114	0.24	NW
S2	20181229	Cloudy	Moderate	Mid-Flood	M	5.8	12:52	9.15	8.01	30.28	17.2	4.43	22	113	0.41	NW
S2	20181229	Cloudy	Moderate	Mid-Flood	M	5.8	12:52	9.09	8.03	29.51	17.1	4.33	23	113	0.39	NW
S2	20181229	Cloudy	Moderate	Mid-Flood	S	1	12:53	9.16	8.02	30.12	17.2	2.46	- note 2	114	0.62	NW
S2	20181229	Cloudy	Moderate	Mid-Flood	S	1	12:54	9.1	8.1	30.38	17.1	2.41	- note 2	114	0.62	NW
C1	20181229	Cloudy	Moderate	Mid-Ebb	B	10.2	16:30	8.45	8.1	29.81	17.2	6.35	22	113	0.21	SE
C1	20181229	Cloudy	Moderate	Mid-Ebb	B	10.2	16:31	8.5	8.1	30.38	17.2	6.38	21	114	0.22	SE
C1	20181229	Cloudy	Moderate	Mid-Ebb	M	5.6	16:31	8.46	8.14	30.05	17.1	4.39	21	114	0.49	SE
C1	20181229	Cloudy	Moderate	Mid-Ebb	M	5.6	16:32	8.44	8.08	29.61	17.1	4.48	22	114	0.5	SE
C1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	16:33	8.48	8.18	29.81	17.1	2.14	20	114	0.7	SE
C1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	16:33	8.46	8.1	29.8	17.1	2.17	20	114	0.7	SE
F1	20181229	Cloudy	Moderate	Mid-Ebb	B	7.3	16:44	8	8	29.84	17.2	6.44	6	115	0.24	SE
F1	20181229	Cloudy	Moderate	Mid-Ebb	B	7.3	16:44	8.01	8.19	29.71	17.1	6.45	7	114	0.26	SE
F1	20181229	Cloudy	Moderate	Mid-Ebb	M	4.2	16:45	8.02	8.01	29.86	17.1	4.33	6	111	0.42	SE
F1	20181229	Cloudy	Moderate	Mid-Ebb	M	4.2	16:46	8.12	8.07	29.85	17.1	4.41	5	114	0.44	E
F1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	16:46	8.2	8.18	30.39	17.2	2.1	5	114	0.65	E
F1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	16:47	8.28	8.05	30.23	17.1	2.06	5	115	0.64	E
B1	20181229	Cloudy	Moderate	Mid-Ebb	B	4.4	16:55	8.65	8.01	30.32	17.1	6.07	7	114	0.27	NE
B1	20181229	Cloudy	Moderate	Mid-Ebb	B	4.4	16:55	8.68	8.03	29.57	17.2	6.13	7	114	0.28	NE

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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
B1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	16:56	8.73	8.1	29.88	17.1	2.05	5	114	0.68	NE
B1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	16:56	8.74	8.16	29.57	17.2	2.02	6	114	0.66	NE
S1	20181229	Cloudy	Moderate	Mid-Ebb	B	4.3	17:10	8.75	8.04	30.02	17.1	6.36	20	114	0.23	E
S1	20181229	Cloudy	Moderate	Mid-Ebb	B	4.3	17:11	8.74	8.2	29.91	17.1	6.34	21	114	0.22	E
S1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:11	8.81	8	29.9	17.2	2.81	19	116	0.61	E
S1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:12	8.86	8.08	29.83	17.1	2.9	19	115	0.59	E
B2	20181229	Cloudy	Moderate	Mid-Ebb	B	4.4	17:20	8.23	8.19	29.59	17.2	6.59	23	114	0.29	SE
B2	20181229	Cloudy	Moderate	Mid-Ebb	B	4.4	17:21	8.32	8.12	30.4	17.2	6.64	23	114	0.29	SE
B2	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:22	8.4	8.19	30.26	17.1	2.51	22	114	0.7	SE
B2	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:22	8.42	8.2	30.16	17.2	2.44	21	114	0.7	SE
M1	20181229	Cloudy	Moderate	Mid-Ebb	B	7.3	17:13	9.05	8.11	30.35	17.1	6.24	9	115	0.23	SW
M1	20181229	Cloudy	Moderate	Mid-Ebb	B	7.3	17:14	9.08	8.19	29.99	17.2	6.28	10	116	0.21	SW
M1	20181229	Cloudy	Moderate	Mid-Ebb	M	4.2	17:14	9.01	8.14	29.5	17.2	4.27	8	114	0.47	SW
M1	20181229	Cloudy	Moderate	Mid-Ebb	M	4.2	17:15	9.04	8.11	30.36	17.1	4.36	9	113	0.47	SW
M1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:15	9.06	8.06	30.31	17.1	2.12	7	113	0.61	SW
M1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:16	9.12	8.09	29.88	17.2	2.1	6	113	0.59	S
S2	20181229	Cloudy	Moderate	Mid-Ebb	B	7.3	17:35	8.58	8	30.03	17.1	6.64	22	114	0.29	SE
S2	20181229	Cloudy	Moderate	Mid-Ebb	B	7.3	17:35	8.55	8	29.97	17.2	6.71	21	114	0.28	SE
S2	20181229	Cloudy	Moderate	Mid-Ebb	M	4.2	17:36	8.5	8.02	30.02	17.2	4.45	19	114	0.43	SE
S2	20181229	Cloudy	Moderate	Mid-Ebb	M	4.2	17:36	8.42	8.2	30.18	17.1	4.47	20	114	0.43	SE
S2	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:37	8.51	8.17	30.4	17.1	2.82	17	114	0.65	SE
S2	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:38	8.49	8.2	29.53	17.2	2.8	17	114	0.64	SE
C2	20181229	Cloudy	Moderate	Mid-Ebb	B	7.3	17:39	9.01	8.05	30.23	17.1	6.74	6	113	0.2	S
C2	20181229	Cloudy	Moderate	Mid-Ebb	B	7.3	17:40	8.93	8.05	30.36	17.2	6.74	6	115	0.19	S
C2	20181229	Cloudy	Moderate	Mid-Ebb	M	4.2	17:41	8.85	8.16	29.88	17.2	4.43	5	114	0.42	S
C2	20181229	Cloudy	Moderate	Mid-Ebb	M	4.2	17:41	8.88	8.2	29.66	17.2	4.44	5	114	0.4	S
C2	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:42	8.83	8.12	30.02	17.2	2.55	4	113	0.66	S
C2	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:42	8.83	8.1	30.43	17.1	2.64	5	114	0.67	S
CR2	20181229	Cloudy	Moderate	Mid-Ebb	B	8.2	17:47	8.85	8.15	29.98	17.2	6.99	21	113	0.22	SE
CR2	20181229	Cloudy	Moderate	Mid-Ebb	B	8.2	17:48	8.78	8.13	29.78	17.2	6.97	20	113	0.2	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
CR2	20181229	Cloudy	Moderate	Mid-Ebb	M	4.6	17:48	8.73	8.17	29.89	17.1	4.37	19	114	0.5	SE
CR2	20181229	Cloudy	Moderate	Mid-Ebb	M	4.6	17:49	8.75	8.02	29.85	17.1	4.34	20	113	0.48	SE
CR2	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:50	8.77	8.08	30.07	17.1	2.81	18	113	0.69	SE
CR2	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:50	8.67	8.05	30	17.2	2.86	19	113	0.71	SE
S3	20181229	Cloudy	Moderate	Mid-Ebb	B	10.4	17:54	8.46	8.14	30.25	17.1	6.06	22	114	0.27	SE
S3	20181229	Cloudy	Moderate	Mid-Ebb	B	10.4	17:54	8.46	8.11	29.94	17.2	6.09	22	113	0.26	SE
S3	20181229	Cloudy	Moderate	Mid-Ebb	M	5.7	17:55	8.49	8.04	30.21	17.1	4.5	21	114	0.42	SE
S3	20181229	Cloudy	Moderate	Mid-Ebb	M	5.7	17:56	8.57	8.11	29.93	17.1	4.4	21	114	0.42	SE
S3	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:56	8.64	8.12	29.79	17.2	2.11	20	115	0.63	SE
S3	20181229	Cloudy	Moderate	Mid-Ebb	S	1	17:57	8.72	8.09	30.13	17.2	2.06	20	114	0.61	SE
H1	20181229	Cloudy	Moderate	Mid-Ebb	B	7.1	17:59	8.93	8.17	30.04	17.2	6.27	19	114	0.29	E
H1	20181229	Cloudy	Moderate	Mid-Ebb	B	7.1	18:00	9.02	8.13	30	17.1	6.33	19	114	0.28	E
H1	20181229	Cloudy	Moderate	Mid-Ebb	M	4.1	18:01	8.97	8.15	30.29	17.1	4.29	17	114	0.42	E
H1	20181229	Cloudy	Moderate	Mid-Ebb	M	4.1	18:01	8.87	8.09	30.45	17.2	4.21	18	113	0.44	E
H1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	18:02	8.9	8.2	30.28	17.2	2.5	17	115	0.62	E
H1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	18:03	8.9	8.08	29.8	17.2	2.43	18	113	0.61	E
B3	20181229	Cloudy	Moderate	Mid-Ebb	B	4.2	18:12	8.4	8.06	29.64	17.2	6.07	11	114	0.22	E
B3	20181229	Cloudy	Moderate	Mid-Ebb	B	4.2	18:13	8.38	8.13	30.03	17.2	6.02	11	114	0.23	E
B3	20181229	Cloudy	Moderate	Mid-Ebb	S	1	18:13	8.47	8.11	30.13	17.2	2.53	6	114	0.68	E
B3	20181229	Cloudy	Moderate	Mid-Ebb	S	1	18:14	8.45	8.02	30.31	17.1	2.63	6	114	0.69	E
CR1	20181229	Cloudy	Moderate	Mid-Ebb	B	7.7	18:02	8.14	8.1	29.94	17.2	6.47	22	113	0.27	SE
CR1	20181229	Cloudy	Moderate	Mid-Ebb	B	7.7	18:02	8.14	8.05	29.73	17.2	6.41	21	113	0.28	SE
CR1	20181229	Cloudy	Moderate	Mid-Ebb	M	4.4	18:03	8.07	8.05	30.46	17.2	4.6	20	114	0.42	SE
CR1	20181229	Cloudy	Moderate	Mid-Ebb	M	4.4	18:03	8.07	8.12	29.56	17.2	4.56	21	114	0.44	SE
CR1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	18:04	8.04	8.19	29.61	17.1	2.32	20	114	0.61	SE
CR1	20181229	Cloudy	Moderate	Mid-Ebb	S	1	18:05	7.94	8	29.63	17.1	2.31	20	114	0.61	SE
B4	20181229	Cloudy	Moderate	Mid-Ebb	B	4.5	18:21	9.13	8	30.04	17.1	6.51	9	115	0.28	SE
B4	20181229	Cloudy	Moderate	Mid-Ebb	B	4.5	18:22	9.08	8.09	30.44	17.1	6.56	10	114	0.26	SE
B4	20181229	Cloudy	Moderate	Mid-Ebb	S	1	18:23	9.01	8.14	29.56	17.2	2.62	8	114	0.66	SE
B4	20181229	Cloudy	Moderate	Mid-Ebb	S	1	18:23	8.98	8	29.66	17.1	2.71	9	115	0.66	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
C1	20181231	Sunny	Moderate	Mid-Ebb	B	10.4	8:14	8.94	8.06	29.57	18.6	6.98	12	112	0.3	SE
C1	20181231	Sunny	Moderate	Mid-Ebb	B	10.4	8:14	9.04	8.11	29.66	18.6	6.99	12	113	0.3	SE
C1	20181231	Sunny	Moderate	Mid-Ebb	M	5.7	8:15	9.02	8.03	30.36	18.6	4.9	12	115	0.44	SE
C1	20181231	Sunny	Moderate	Mid-Ebb	M	5.7	8:15	9.12	8.09	29.91	18.6	4.87	12	113	0.46	SE
C1	20181231	Sunny	Moderate	Mid-Ebb	S	1	8:16	9.11	8.14	30.29	18.7	2.61	9	113	0.66	SE
C1	20181231	Sunny	Moderate	Mid-Ebb	S	1	8:17	9.1	8.09	30.32	18.6	2.66	9	114	0.64	SE
CR1	20181231	Sunny	Moderate	Mid-Ebb	B	7.8	8:20	8.88	8.06	30.31	18.6	6.44	11	112	0.21	SE
CR1	20181231	Sunny	Moderate	Mid-Ebb	B	7.8	8:21	8.89	8.17	29.84	18.6	6.35	12	112	0.23	E
CR1	20181231	Sunny	Moderate	Mid-Ebb	M	4.4	8:21	8.99	8	29.56	18.6	4.6	12	112	0.4	E
CR1	20181231	Sunny	Moderate	Mid-Ebb	M	4.4	8:22	9	8.15	30.43	18.7	4.6	11	113	0.39	SE
CR1	20181231	Sunny	Moderate	Mid-Ebb	S	1	8:23	9.03	8.02	30.21	18.6	2.76	10	111	0.61	SE
CR1	20181231	Sunny	Moderate	Mid-Ebb	S	1	8:23	9.13	8.2	30.44	18.6	2.86	11	113	0.61	SE
CR2	20181231	Sunny	Moderate	Mid-Ebb	B	8	8:32	9.14	8.03	30.1	18.6	6.92	10	113	0.21	SE
CR2	20181231	Sunny	Moderate	Mid-Ebb	B	8	8:33	9.15	8	29.72	18.6	6.88	11	112	0.21	SE
CR2	20181231	Sunny	Moderate	Mid-Ebb	M	4.5	8:33	9.1	8.08	29.76	18.6	4.02	10	111	0.4	SE
CR2	20181231	Sunny	Moderate	Mid-Ebb	M	4.5	8:34	9.06	8.18	29.73	18.7	4.06	9	113	0.39	SE
CR2	20181231	Sunny	Moderate	Mid-Ebb	S	1	8:34	9.14	8.09	29.79	18.6	2.83	9	114	0.62	SE
CR2	20181231	Sunny	Moderate	Mid-Ebb	S	1	8:35	9.22	8.11	30.06	18.6	2.73	8	113	0.64	SE
B1	20181231	Sunny	Moderate	Mid-Ebb	B	4.4	8:39	9.39	8.04	30.08	18.7	6.47	10	114	0.21	NE
B1	20181231	Sunny	Moderate	Mid-Ebb	B	4.4	8:39	9.47	8	30.44	18.7	6.46	10	113	0.21	NE
B1	20181231	Sunny	Moderate	Mid-Ebb	S	1	8:40	9.39	8.08	30.43	18.6	2.21	9	114	0.6	NE
B1	20181231	Sunny	Moderate	Mid-Ebb	S	1	8:40	9.36	8.16	29.69	18.7	2.25	8	114	0.61	NE
S3	20181231	Sunny	Moderate	Mid-Ebb	B	10.5	8:46	9.02	8.08	30.38	18.7	6.95	12	113	0.25	SE
S3	20181231	Sunny	Moderate	Mid-Ebb	B	10.5	8:47	8.92	8.03	29.71	18.7	6.95	12	112	0.24	SE
S3	20181231	Sunny	Moderate	Mid-Ebb	M	5.8	8:47	9.02	8.05	29.65	18.6	4.74	11	113	0.42	SE
S3	20181231	Sunny	Moderate	Mid-Ebb	M	5.8	8:48	8.97	8.19	30.45	18.7	4.78	12	112	0.42	SE
S3	20181231	Sunny	Moderate	Mid-Ebb	S	1	8:49	8.9	8.17	30.27	18.6	2.65	11	112	0.66	SE
S3	20181231	Sunny	Moderate	Mid-Ebb	S	1	8:49	9	8.09	29.79	18.6	2.73	11	114	0.65	SE
S1	20181231	Sunny	Moderate	Mid-Ebb	B	4.4	8:50	9.65	8.11	30.37	18.6	6.67	17	111	0.29	E
S1	20181231	Sunny	Moderate	Mid-Ebb	B	4.4	8:50	9.6	8.2	30.3	18.6	6.62	18	113	0.27	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
S1	20181231	Sunny	Moderate	Mid-Ebb	S	1	8:51	9.63	8.06	30.07	18.6	2.14	14	114	0.67	E
S1	20181231	Sunny	Moderate	Mid-Ebb	S	1	8:52	9.54	8.09	29.85	18.7	2.05	15	112	0.66	E
H1	20181231	Sunny	Moderate	Mid-Ebb	B	7	9:05	9.56	8.1	30.34	18.7	6.44	10	114	0.29	E
H1	20181231	Sunny	Moderate	Mid-Ebb	B	7	9:06	9.63	8	29.88	18.6	6.53	11	114	0.29	E
H1	20181231	Sunny	Moderate	Mid-Ebb	M	4	9:06	9.57	8.06	29.72	18.6	4.22	10	114	0.44	SE
H1	20181231	Sunny	Moderate	Mid-Ebb	M	4	9:07	9.53	8.07	30.13	18.6	4.18	9	114	0.42	SE
H1	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:08	9.47	8.06	29.96	18.6	2.47	8	113	0.63	SE
H1	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:08	9.53	8.12	29.58	18.7	2.45	9	114	0.63	SE
B2	20181231	Sunny	Moderate	Mid-Ebb	B	4.4	9:00	9.63	8.2	30.5	18.6	6.87	10	114	0.26	SE
B2	20181231	Sunny	Moderate	Mid-Ebb	B	4.4	9:01	9.57	8.13	29.61	18.7	6.94	10	114	0.28	SE
B2	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:01	9.62	8	30.1	18.6	2.17	8	115	0.66	SE
B2	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:02	9.71	8.12	30.25	18.6	2.16	8	114	0.67	SE
S2	20181231	Sunny	Moderate	Mid-Ebb	B	7.6	9:16	8.83	8.16	30.11	18.7	6.85	16	113	0.21	SE
S2	20181231	Sunny	Moderate	Mid-Ebb	B	7.6	9:17	8.82	8.13	29.54	18.7	6.79	16	114	0.19	SE
S2	20181231	Sunny	Moderate	Mid-Ebb	M	4.3	9:18	8.77	8.05	30.28	18.7	4.94	15	112	0.46	SE
S2	20181231	Sunny	Moderate	Mid-Ebb	M	4.3	9:18	8.68	8.15	30.14	18.6	4.98	15	112	0.46	SE
S2	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:19	8.74	8	29.68	18.7	2.66	16	112	0.6	SE
S2	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:19	8.72	8.07	29.96	18.6	2.69	15	113	0.6	SE
B3	20181231	Sunny	Moderate	Mid-Ebb	B	4.3	9:26	9.02	8.12	29.65	18.7	6.28	11	114	0.24	E
B3	20181231	Sunny	Moderate	Mid-Ebb	B	4.3	9:27	9	8.05	29.51	18.6	6.24	10	114	0.25	E
B3	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:27	9.02	8.08	29.89	18.7	2.22	9	114	0.67	E
B3	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:28	9.03	8.18	30.05	18.7	2.13	8	114	0.65	E
B4	20181231	Sunny	Moderate	Mid-Ebb	B	4.4	9:38	9.08	8.01	29.72	18.7	6.33	11	114	0.27	SE
B4	20181231	Sunny	Moderate	Mid-Ebb	B	4.4	9:38	9.02	8.16	29.78	18.6	6.4	11	114	0.25	SE
B4	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:39	9.12	8.1	30.05	18.6	2.49	11	114	0.66	SE
B4	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:39	9.03	8.13	30.24	18.7	2.49	10	114	0.64	SE
F1	20181231	Sunny	Moderate	Mid-Ebb	B	7.4	9:44	9.54	8.03	29.55	18.6	6.03	11	112	0.21	SE
F1	20181231	Sunny	Moderate	Mid-Ebb	B	7.4	9:45	9.56	8.01	29.56	18.7	6.1	12	111	0.22	SE
F1	20181231	Sunny	Moderate	Mid-Ebb	M	4.2	9:45	9.66	8.12	29.81	18.6	4.4	11	113	0.43	SE
F1	20181231	Sunny	Moderate	Mid-Ebb	M	4.2	9:46	9.61	8.03	29.73	18.7	4.33	11	111	0.44	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 <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
F1	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:47	9.51	8.06	29.91	18.6	2.6	11	113	0.65	SE
F1	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:47	9.59	8.03	30.37	18.7	2.6	12	112	0.66	SE
C2	20181231	Sunny	Moderate	Mid-Ebb	B	7.3	9:48	8.95	8.19	30.02	18.6	6.31	10	111	0.3	SE
C2	20181231	Sunny	Moderate	Mid-Ebb	B	7.3	9:48	8.87	8.1	30.2	18.7	6.28	10	113	0.32	SE
C2	20181231	Sunny	Moderate	Mid-Ebb	M	4.2	9:49	8.94	8.07	30.36	18.7	4.15	8	112	0.41	SE
C2	20181231	Sunny	Moderate	Mid-Ebb	M	4.2	9:50	8.9	8.05	30.14	18.7	4.17	9	112	0.4	SE
C2	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:50	8.94	8.17	30.39	18.7	2.59	8	112	0.65	SE
C2	20181231	Sunny	Moderate	Mid-Ebb	S	1	9:51	8.86	8.13	29.82	18.6	2.56	8	112	0.65	SE
M1	20181231	Sunny	Moderate	Mid-Ebb	B	7.2	10:16	9.5	8.1	29.79	18.7	6.7	12	113	0.26	SW
M1	20181231	Sunny	Moderate	Mid-Ebb	B	7.2	10:17	9.56	8.07	30.45	18.7	6.65	11	113	0.25	SW
M1	20181231	Sunny	Moderate	Mid-Ebb	M	4.1	10:18	9.58	8.05	30.37	18.6	4.18	11	112	0.4	SW
M1	20181231	Sunny	Moderate	Mid-Ebb	M	4.1	10:18	9.58	8.03	30.16	18.7	4.2	11	112	0.42	SW
M1	20181231	Sunny	Moderate	Mid-Ebb	S	1	10:19	9.49	8.02	30.4	18.6	2.7	8	112	0.64	S
M1	20181231	Sunny	Moderate	Mid-Ebb	S	1	10:20	9.45	8.17	30.29	18.6	2.8	9	112	0.62	S
C2	20181231	Cloudy	Moderate	Mid-Flood	B	9.4	12:32	8.83	8.09	29.85	18.6	6.62	15	115	0.26	NE
C2	20181231	Cloudy	Moderate	Mid-Flood	B	9.4	12:33	8.9	8.05	29.91	18.7	6.57	14	114	0.27	NE
C2	20181231	Cloudy	Moderate	Mid-Flood	M	5.2	12:33	8.95	8.2	29.62	18.6	4.89	11	115	0.48	NE
C2	20181231	Cloudy	Moderate	Mid-Flood	M	5.2	12:34	8.96	8.18	30.36	18.7	4.94	11	114	0.48	NE
C2	20181231	Cloudy	Moderate	Mid-Flood	S	1	12:35	8.99	8.02	30.41	18.7	2.91	9	114	0.7	NE
C2	20181231	Cloudy	Moderate	Mid-Flood	S	1	12:35	8.95	8.02	29.56	18.7	2.88	9	114	0.7	NE
CR1	20181231	Cloudy	Moderate	Mid-Flood	B	7.9	12:48	9.31	8.05	29.6	18.7	6.37	8	114	0.28	NW
CR1	20181231	Cloudy	Moderate	Mid-Flood	B	7.9	12:48	9.36	8.16	30.37	18.6	6.27	9	114	0.26	NW
CR1	20181231	Cloudy	Moderate	Mid-Flood	M	4.5	12:49	9.32	8.15	30.04	18.6	4.5	7	113	0.43	N
CR1	20181231	Cloudy	Moderate	Mid-Flood	M	4.5	12:50	9.39	8.18	29.94	18.6	4.59	8	114	0.41	NW
CR1	20181231	Cloudy	Moderate	Mid-Flood	S	1	12:50	9.3	8.09	29.53	18.7	2.44	8	114	0.68	NW
CR1	20181231	Cloudy	Moderate	Mid-Flood	S	1	12:51	9.25	8.1	29.74	18.6	2.49	7	114	0.66	NW
S3	20181231	Cloudy	Moderate	Mid-Flood	B	11	13:00	8.84	8.16	29.51	18.6	6.07	15	114	0.21	W
S3	20181231	Cloudy	Moderate	Mid-Flood	B	11	13:00	8.78	8.09	30.45	18.6	6.03	14	115	0.21	W
S3	20181231	Cloudy	Moderate	Mid-Flood	M	6	13:01	8.86	8.16	29.88	18.6	4.9	11	114	0.4	W
S3	20181231	Cloudy	Moderate	Mid-Flood	M	6	13:01	8.79	8.01	30.02	18.6	4.8	12	117	0.38	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 3</small>	Current Velocity <small>note 3</small>	Direction in NESW <small>note 3</small>
S3	20181231	Cloudy	Moderate	Mid-Flood	S	1	13:02	8.75	8.13	29.63	18.7	2.31	10	114	0.6	W
S3	20181231	Cloudy	Moderate	Mid-Flood	S	1	13:03	8.75	8.11	29.8	18.6	2.24	10	114	0.62	W
CR2	20181231	Cloudy	Moderate	Mid-Flood	B	8.3	13:07	8.88	8.16	29.57	18.6	6.42	14	114	0.23	W
CR2	20181231	Cloudy	Moderate	Mid-Flood	B	8.3	13:08	8.79	8.01	30.15	18.7	6.48	13	114	0.24	N
CR2	20181231	Cloudy	Moderate	Mid-Flood	M	4.7	13:08	8.86	8.06	30.44	18.7	4.53	11	114	0.44	W
CR2	20181231	Cloudy	Moderate	Mid-Flood	M	4.7	13:09	8.88	8.02	30.19	18.6	4.46	12	114	0.45	NW
CR2	20181231	Cloudy	Moderate	Mid-Flood	S	1	13:10	8.96	8.17	30.25	18.6	2.02	11	114	0.63	W
CR2	20181231	Cloudy	Moderate	Mid-Flood	S	1	13:10	8.95	8.16	30.47	18.6	2.1	10	114	0.64	W
F1	20181231	Cloudy	Moderate	Mid-Flood	B	7.8	12:56	9.48	8.13	30.14	18.6	6.22	12	114	0.27	NW
F1	20181231	Cloudy	Moderate	Mid-Flood	B	7.8	12:57	9.55	8.19	30.22	18.6	6.15	13	113	0.25	NW
F1	20181231	Cloudy	Moderate	Mid-Flood	M	4.4	12:57	9.52	8.03	29.52	18.6	4.72	13	114	0.43	NW
F1	20181231	Cloudy	Moderate	Mid-Flood	M	4.4	12:58	9.62	8.02	30.46	18.6	4.62	12	114	0.42	NW
F1	20181231	Cloudy	Moderate	Mid-Flood	S	1	12:58	9.62	8.17	30.36	18.6	2.53	12	114	0.68	NW
F1	20181231	Cloudy	Moderate	Mid-Flood	S	1	12:59	9.65	8.17	29.52	18.7	2.53	11	114	0.67	W
M1	20181231	Cloudy	Moderate	Mid-Flood	B	7.9	13:26	9.31	8.05	29.98	18.6	6.47	12	114	0.28	W
M1	20181231	Cloudy	Moderate	Mid-Flood	B	7.9	13:26	9.38	8.09	29.65	18.6	6.47	12	114	0.26	W
M1	20181231	Cloudy	Moderate	Mid-Flood	M	4.5	13:27	9.42	8.17	30.39	18.7	4.79	11	115	0.4	W
M1	20181231	Cloudy	Moderate	Mid-Flood	M	4.5	13:27	9.49	8.06	30.22	18.7	4.84	11	114	0.4	W
M1	20181231	Cloudy	Moderate	Mid-Flood	S	1	13:28	9.48	8.01	29.87	18.7	2.76	9	115	0.69	W
M1	20181231	Cloudy	Moderate	Mid-Flood	S	1	13:29	9.47	8.2	29.75	18.6	2.78	10	117	0.68	W
C1	20181231	Cloudy	Moderate	Mid-Flood	B	11.2	13:38	9.16	8.03	29.64	18.7	6.15	12	114	0.22	NW
C1	20181231	Cloudy	Moderate	Mid-Flood	B	11.2	13:39	9.22	8.2	30.42	18.6	6.14	12	115	0.2	NW
C1	20181231	Cloudy	Moderate	Mid-Flood	M	6.1	13:40	9.25	8.12	29.93	18.7	4.82	11	114	0.45	NW
C1	20181231	Cloudy	Moderate	Mid-Flood	M	6.1	13:40	9.15	8.14	29.54	18.7	4.91	11	115	0.45	NW
C1	20181231	Cloudy	Moderate	Mid-Flood	S	1	13:41	9.24	8.04	30.12	18.7	2.05	10	114	0.66	NW
C1	20181231	Cloudy	Moderate	Mid-Flood	S	1	13:41	9.33	8.05	29.95	18.6	2.12	11	114	0.65	NW
B1	20181231	Cloudy	Moderate	Mid-Flood	B	4.7	14:04	8.97	8.17	29.94	18.6	6.18	20	113	0.21	NW
B1	20181231	Cloudy	Moderate	Mid-Flood	B	4.7	14:05	8.97	8.09	30.26	18.6	6.14	20	114	0.19	NW
B1	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:05	9.02	8.14	30.05	18.7	2.74	12	115	0.68	NW
B1	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:06	9	8.17	29.82	18.6	2.81	12	114	0.7	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level _{note 1}	Depth (m)	Time (HH:MM)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 4	SS (mg/L)	Total Alkalinity (mg/L) note 3	Current Velocity note 3	Direction in NESW note 3
H1	20181231	Cloudy	Moderate	Mid-Flood	B	7.8	14:09	9.4	8.03	29.63	18.7	6.65	14	114	0.26	W
H1	20181231	Cloudy	Moderate	Mid-Flood	B	7.8	14:09	9.46	8.14	30.23	18.6	6.6	14	114	0.25	W
H1	20181231	Cloudy	Moderate	Mid-Flood	M	4.4	14:10	9.45	8	29.84	18.7	4.97	14	114	0.41	W
H1	20181231	Cloudy	Moderate	Mid-Flood	M	4.4	14:10	9.41	8.09	30.42	18.6	4.95	13	114	0.4	W
H1	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:11	9.42	8.1	29.66	18.7	2.1	13	115	0.63	W
H1	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:12	9.51	8.01	30.4	18.7	2.08	12	115	0.62	W
S1	20181231	Cloudy	Moderate	Mid-Flood	B	4.8	14:16	9.51	8.1	30.45	18.7	6	13	114	0.27	NW
S1	20181231	Cloudy	Moderate	Mid-Flood	B	4.8	14:17	9.46	8.2	30.16	18.6	5.9	13	114	0.28	NW
S1	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:17	9.43	8.18	30.01	18.7	2.46	12	114	0.67	NW
S1	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:18	9.5	8.01	30.01	18.6	2.44	12	114	0.69	NW
B2	20181231	Cloudy	Moderate	Mid-Flood	B	4.7	14:25	8.85	8.03	30.24	18.7	6.11	18	115	0.27	N
B2	20181231	Cloudy	Moderate	Mid-Flood	B	4.7	14:25	8.82	8.12	30.26	18.7	6.19	18	114	0.27	N
B2	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:26	8.92	8.08	29.93	18.7	2.15	14	114	0.62	N
B2	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:27	8.98	8.08	29.77	18.7	2.24	13	115	0.64	N
B3	20181231	Cloudy	Moderate	Mid-Flood	B	4.8	14:31	8.88	8.2	30.04	18.6	6.25	13	113	0.29	NW
B3	20181231	Cloudy	Moderate	Mid-Flood	B	4.8	14:32	8.87	8.03	30.31	18.6	6.25	13	114	0.28	NW
B3	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:32	8.88	8.17	29.54	18.6	2.36	10	115	0.65	NW
B3	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:33	8.89	8.19	30.14	18.6	2.27	11	114	0.64	NW
B4	20181231	Cloudy	Moderate	Mid-Flood	B	4.6	14:46	8.97	8.05	29.7	18.6	6.69	16	115	0.26	N
B4	20181231	Cloudy	Moderate	Mid-Flood	B	4.6	14:46	9.02	8.01	29.74	18.6	6.62	17	115	0.24	N
B4	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:47	9	8.1	29.68	18.6	2.11	16	114	0.6	N
B4	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:47	9.04	8.02	29.81	18.6	2.19	16	115	0.62	N
S2	20181231	Cloudy	Moderate	Mid-Flood	B	9.6	14:42	9.3	8.11	29.58	18.6	6.55	14	114	0.21	NW
S2	20181231	Cloudy	Moderate	Mid-Flood	B	9.6	14:43	9.29	8.03	30.18	18.6	6.55	15	114	0.23	NW
S2	20181231	Cloudy	Moderate	Mid-Flood	M	5.3	14:43	9.36	8.02	30.13	18.7	4.62	14	113	0.42	NW
S2	20181231	Cloudy	Moderate	Mid-Flood	M	5.3	14:44	9.29	8.18	30.04	18.6	4.62	13	114	0.4	NW
S2	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:45	9.34	8.11	30.44	18.6	2.02	11	115	0.68	NW
S2	20181231	Cloudy	Moderate	Mid-Flood	S	1	14:45	9.3	8.18	29.51	18.6	2.06	11	114	0.66	NW

Remarks:

Contract No. EP/SP/66/12

Integrated Waste Management Facilities, Phase 1

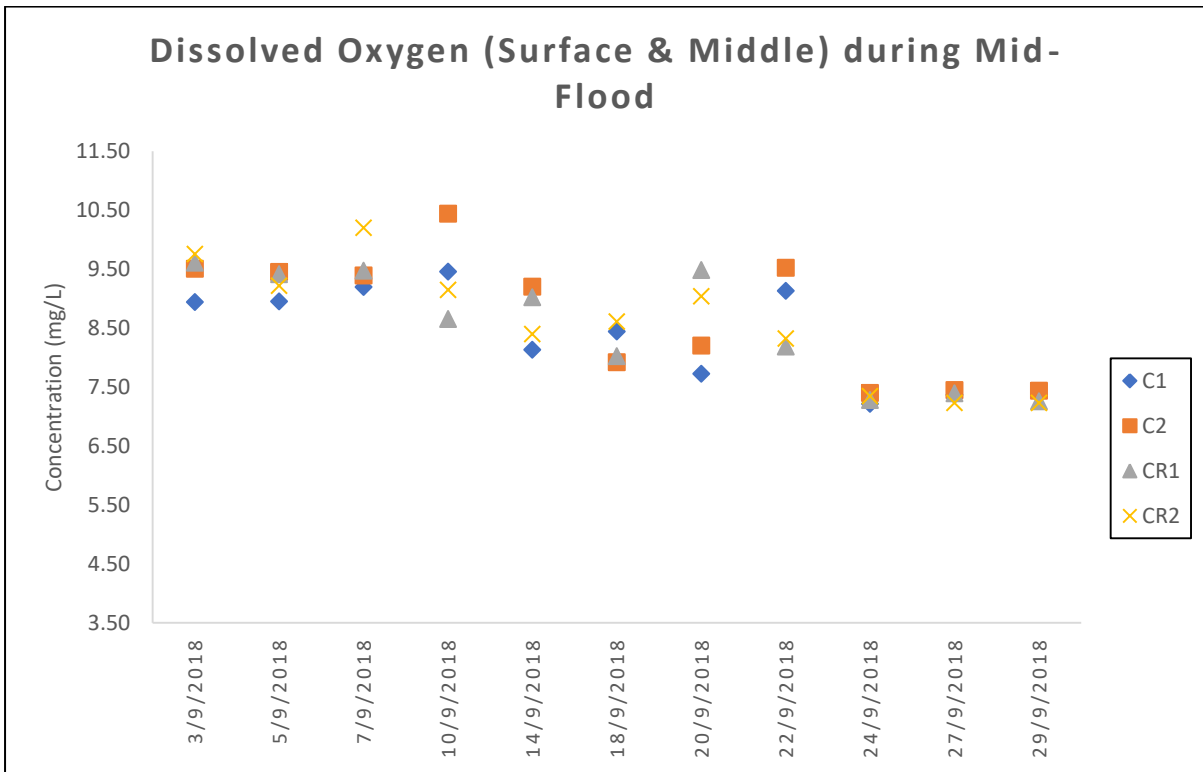
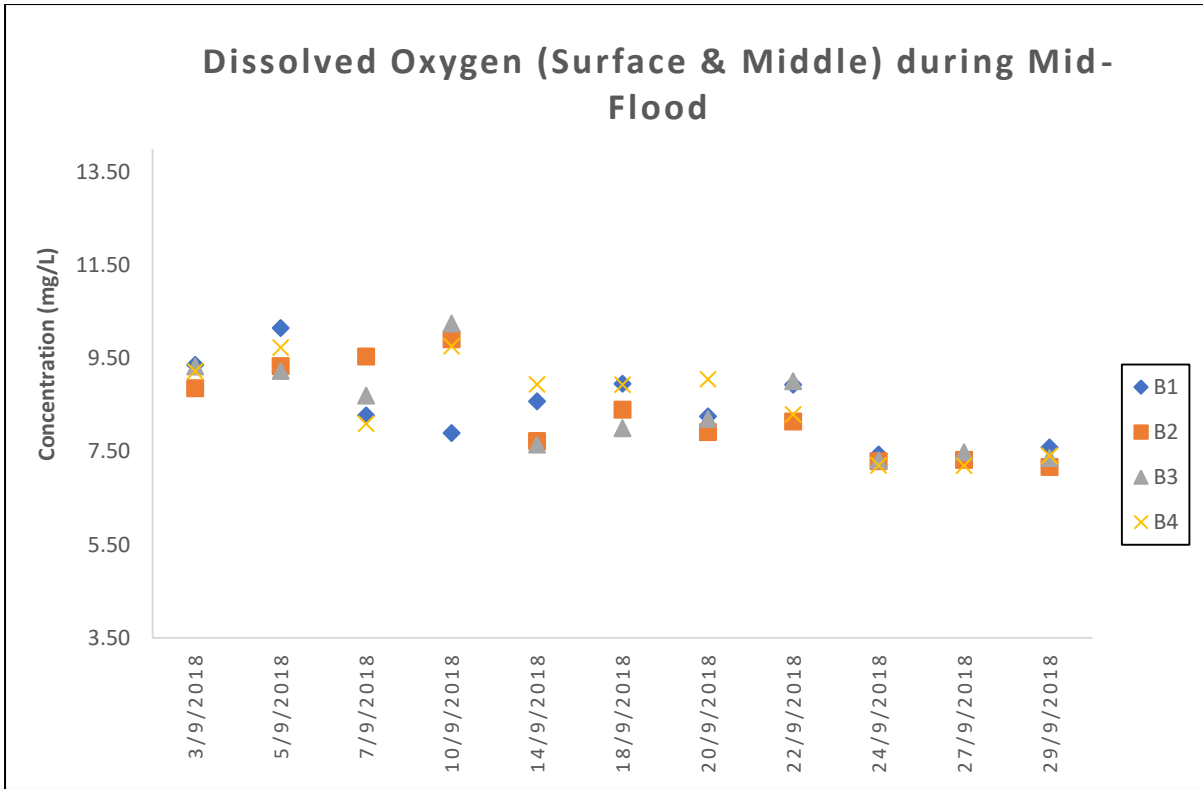
Baseline Water Quality Monitoring Data

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

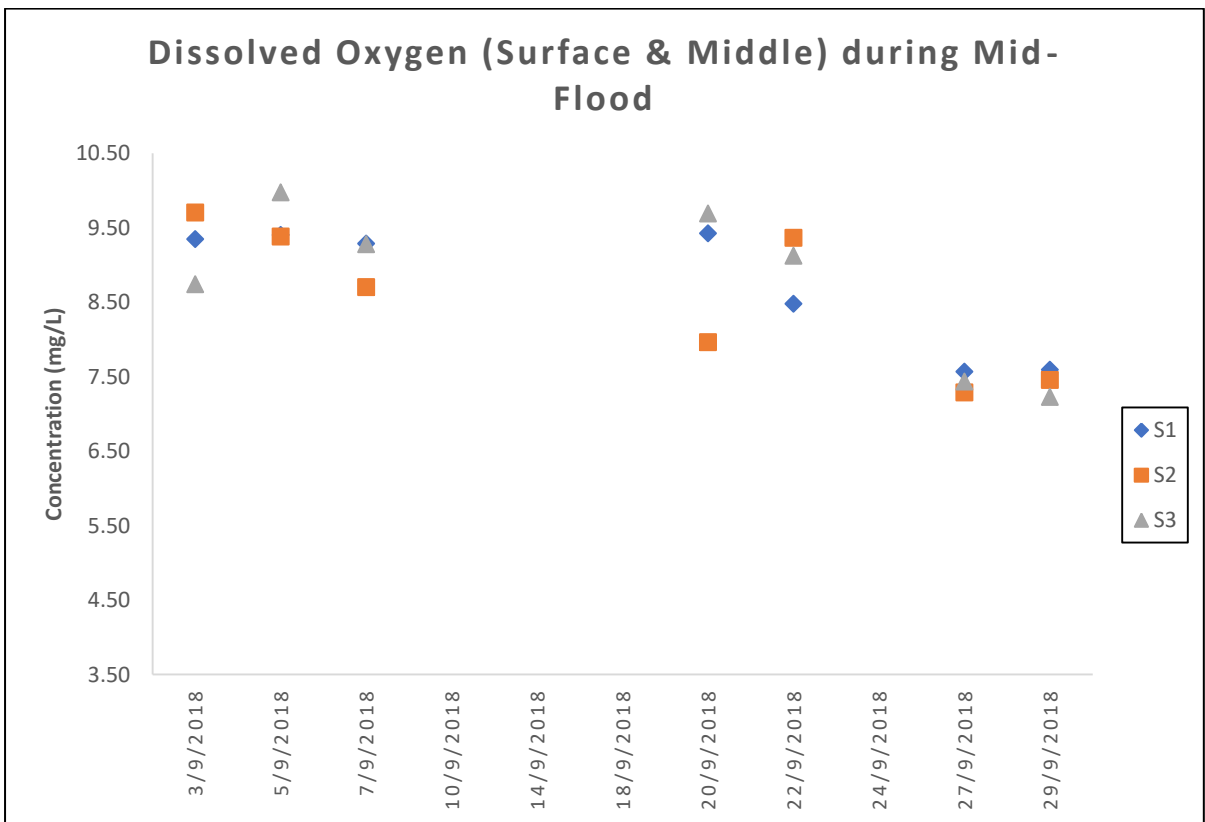
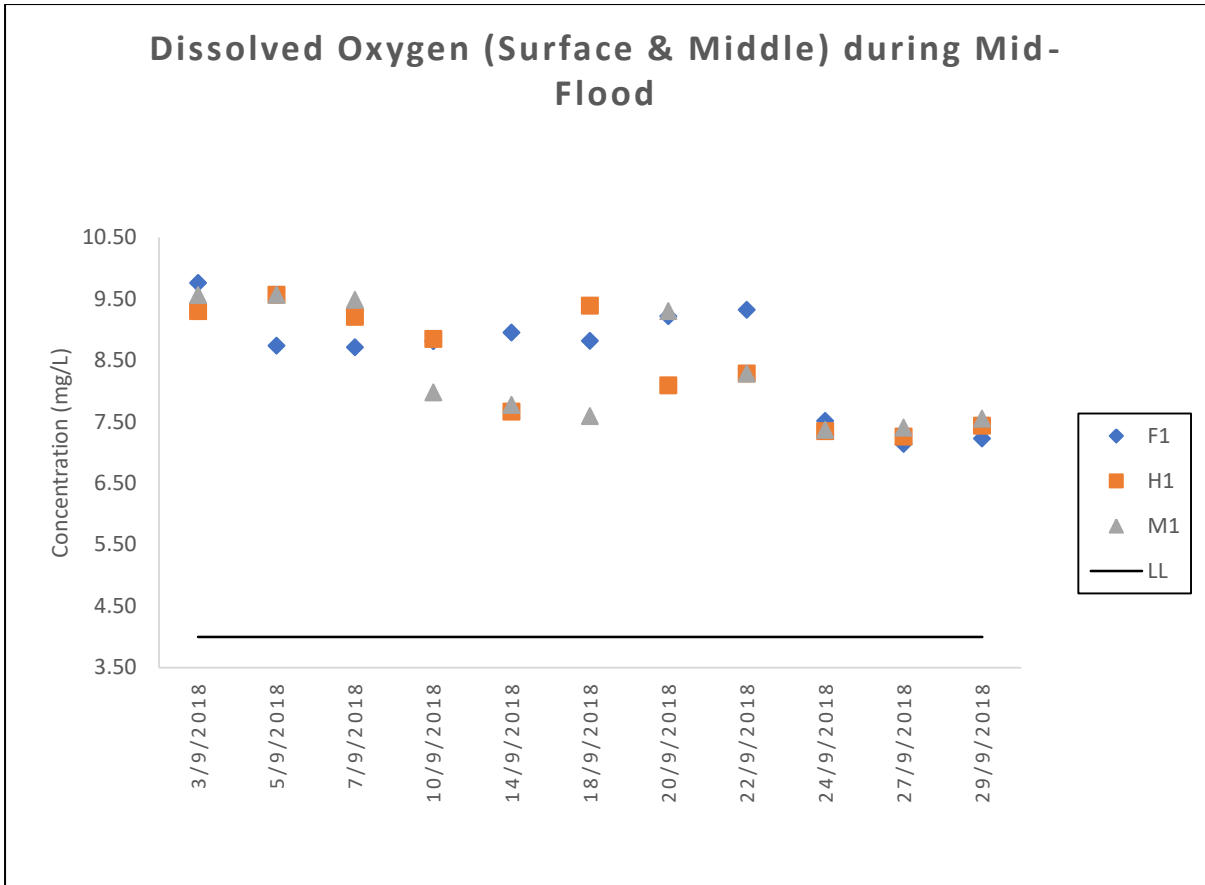
note 2: Cancelled due to container leakage.

note 3: Measurements of current velocity, total alkalinity tests and detections of current direction were only conducted during DCM work period on 10, 12, 15, 17, 19, 21, 24, 27, 29 & 31 December 2018.

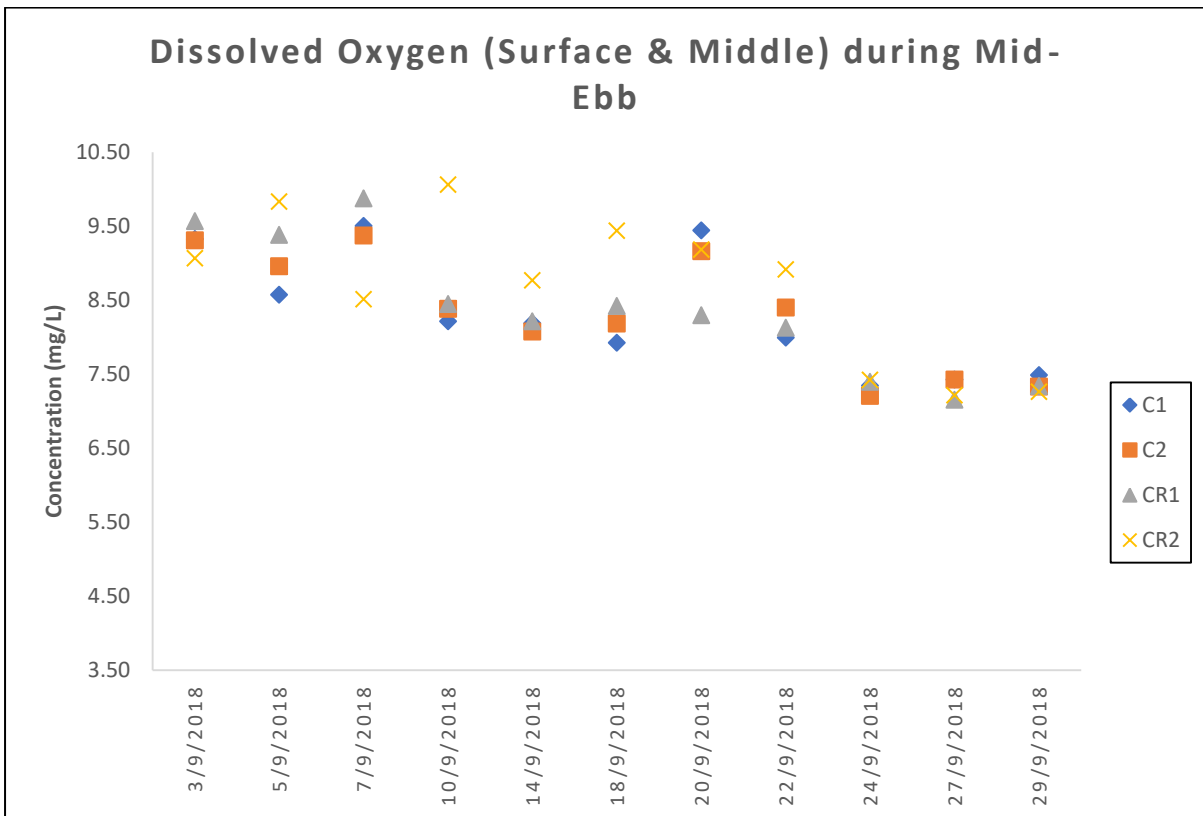
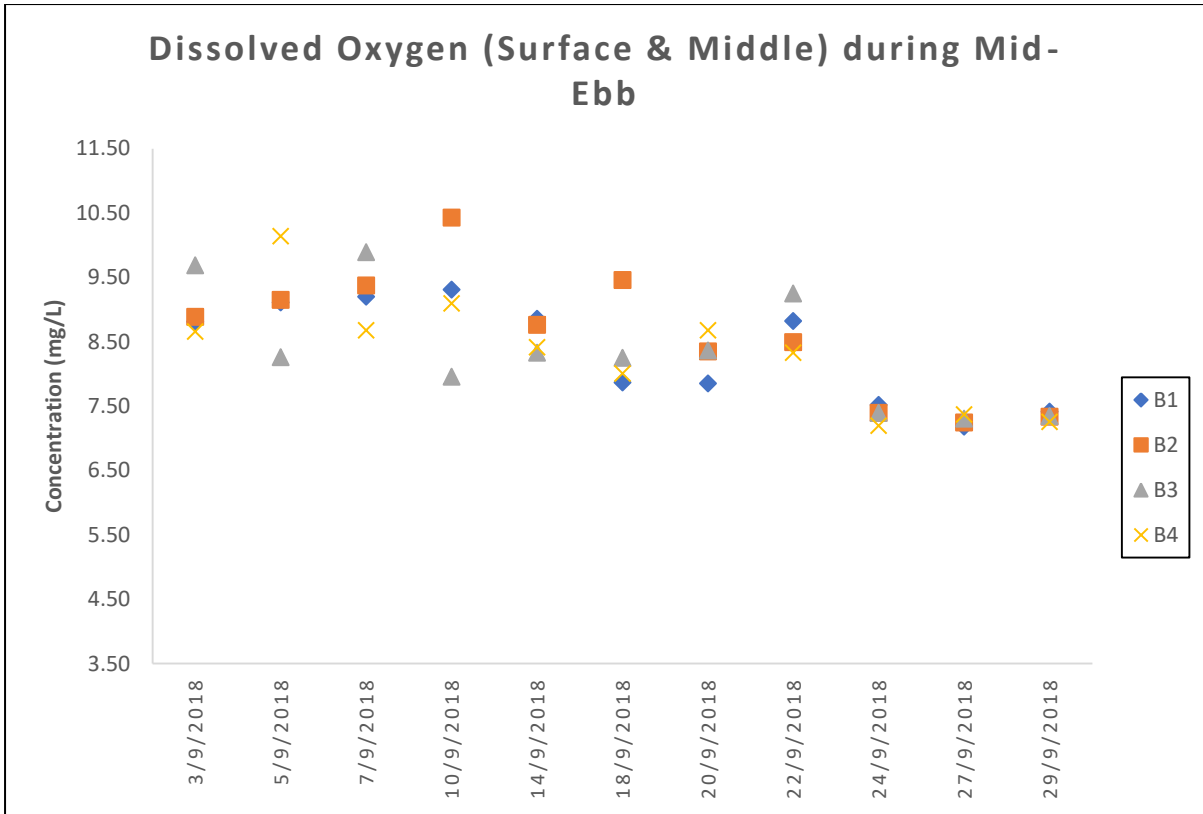
note 4: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.



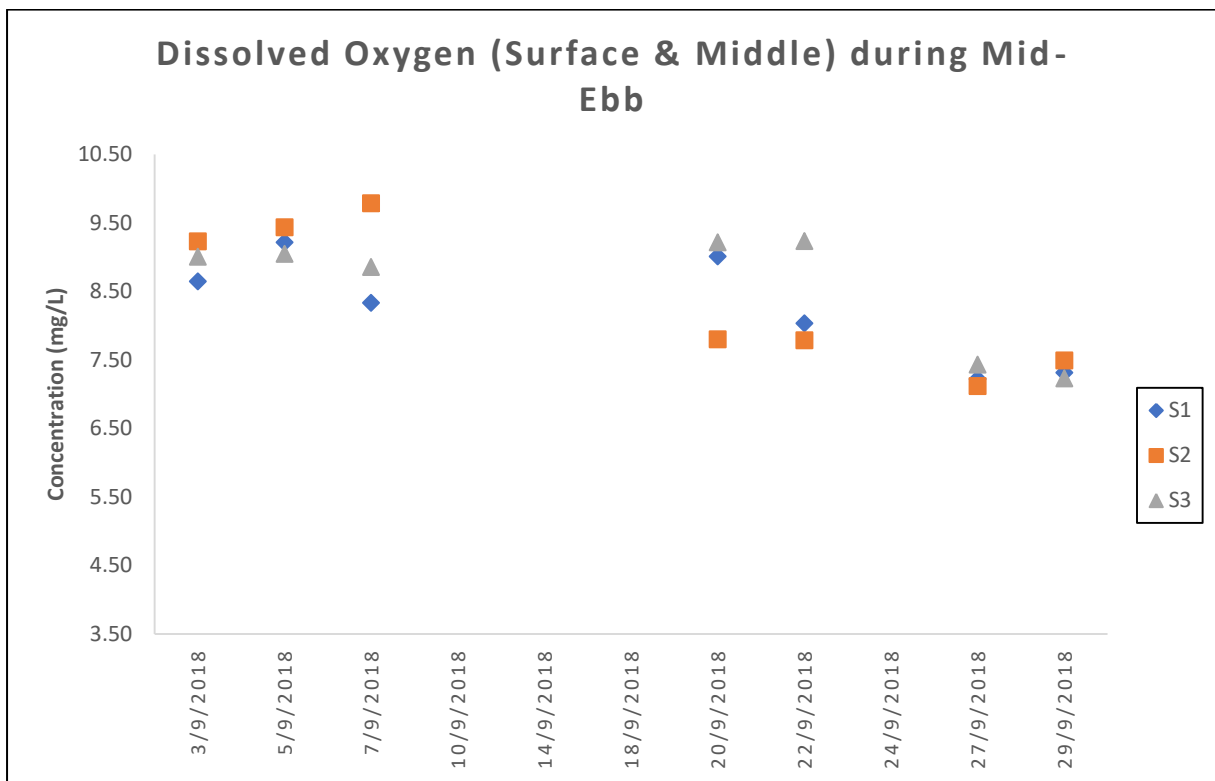
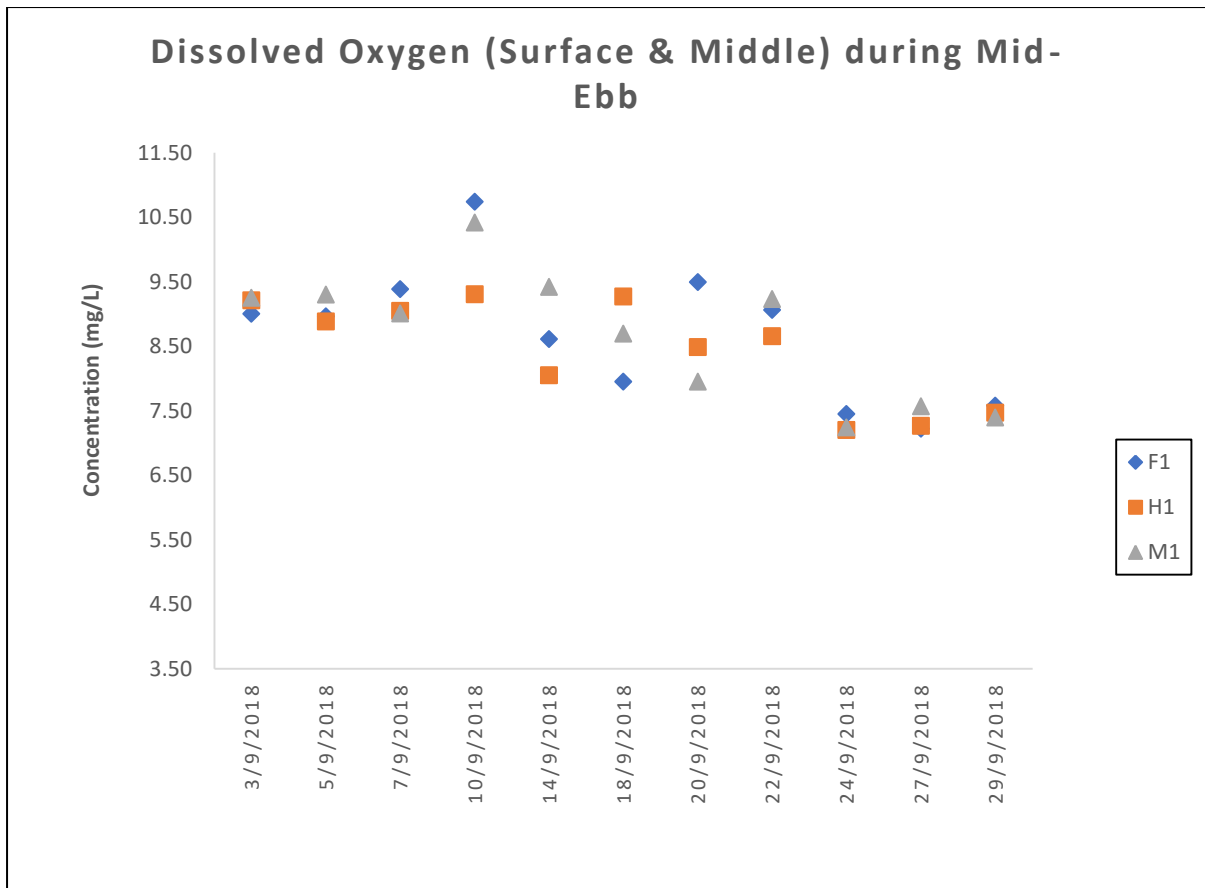
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



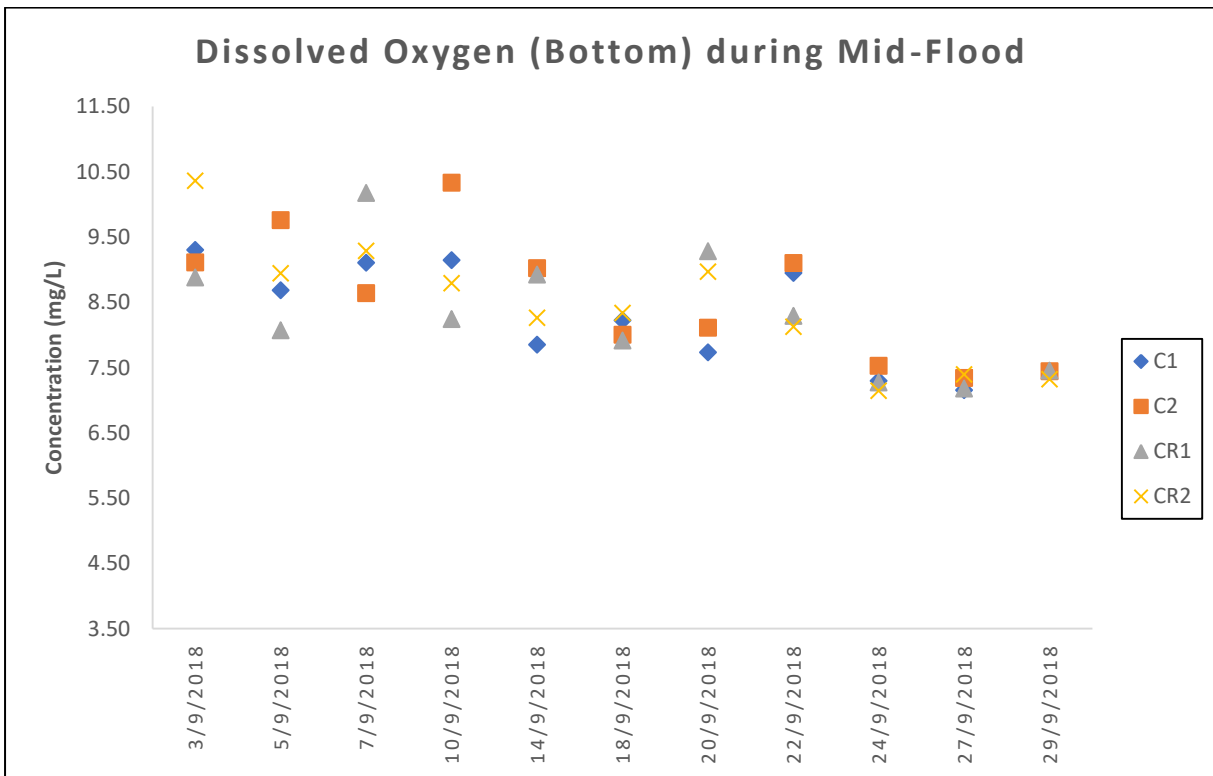
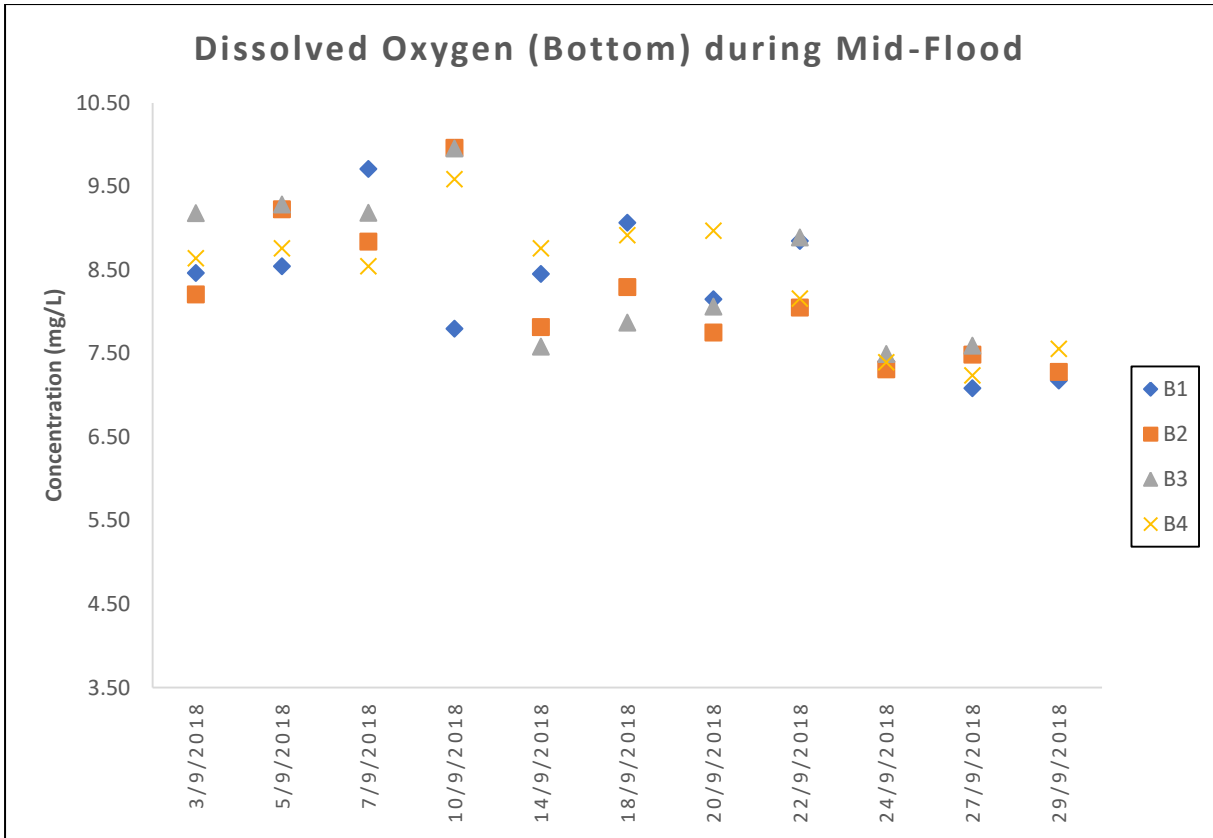
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



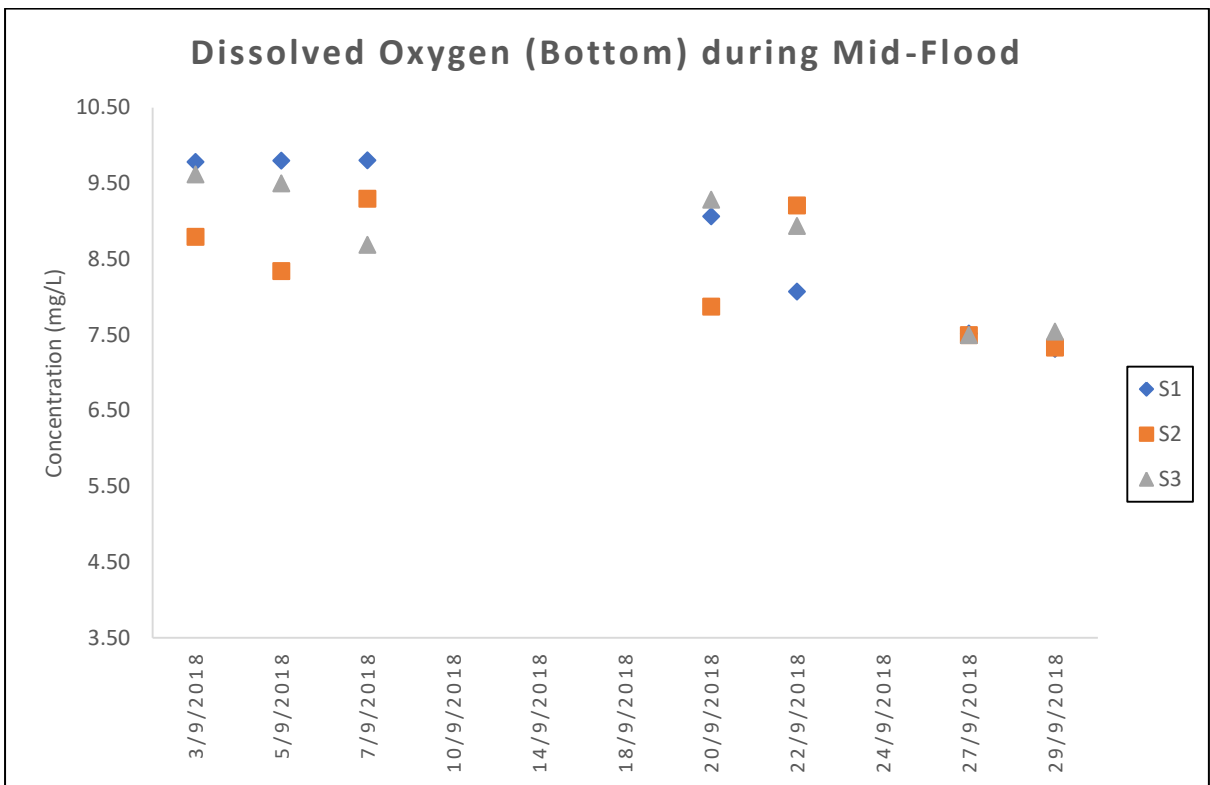
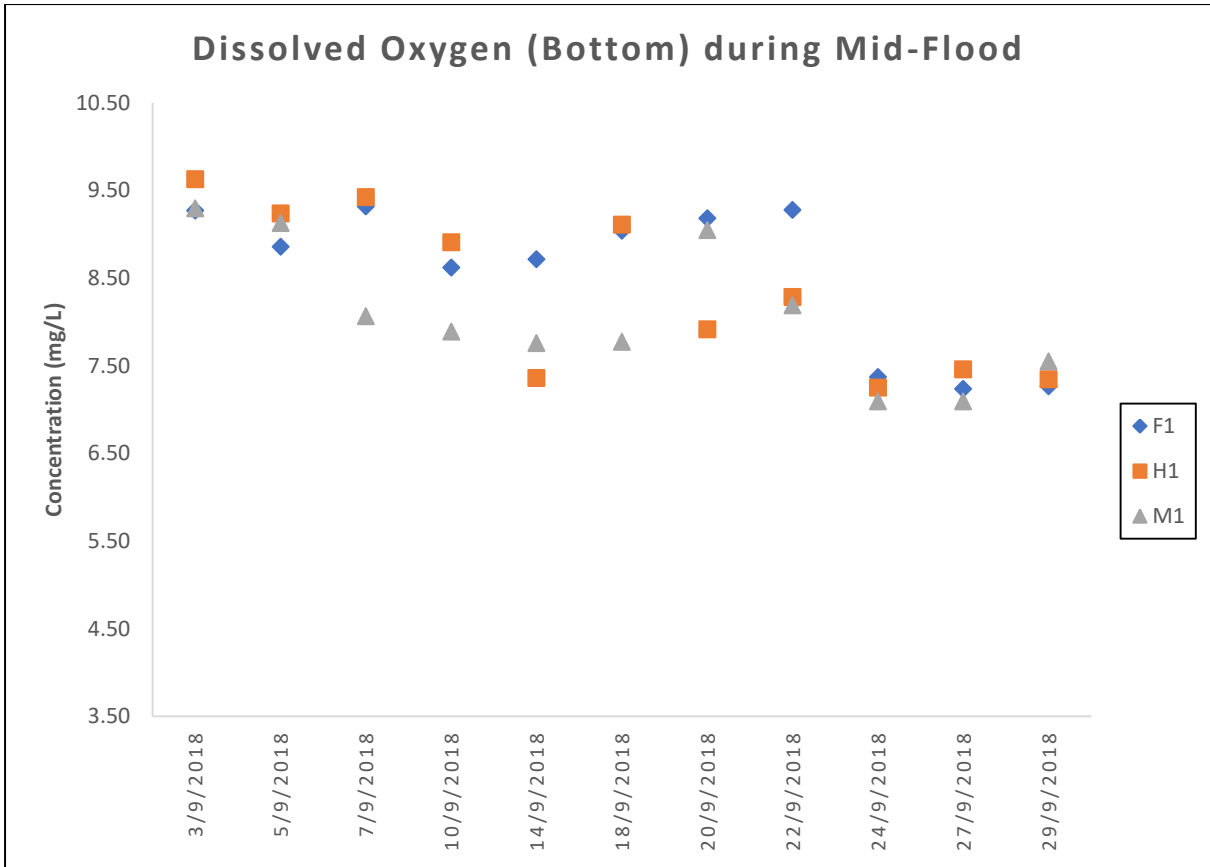
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



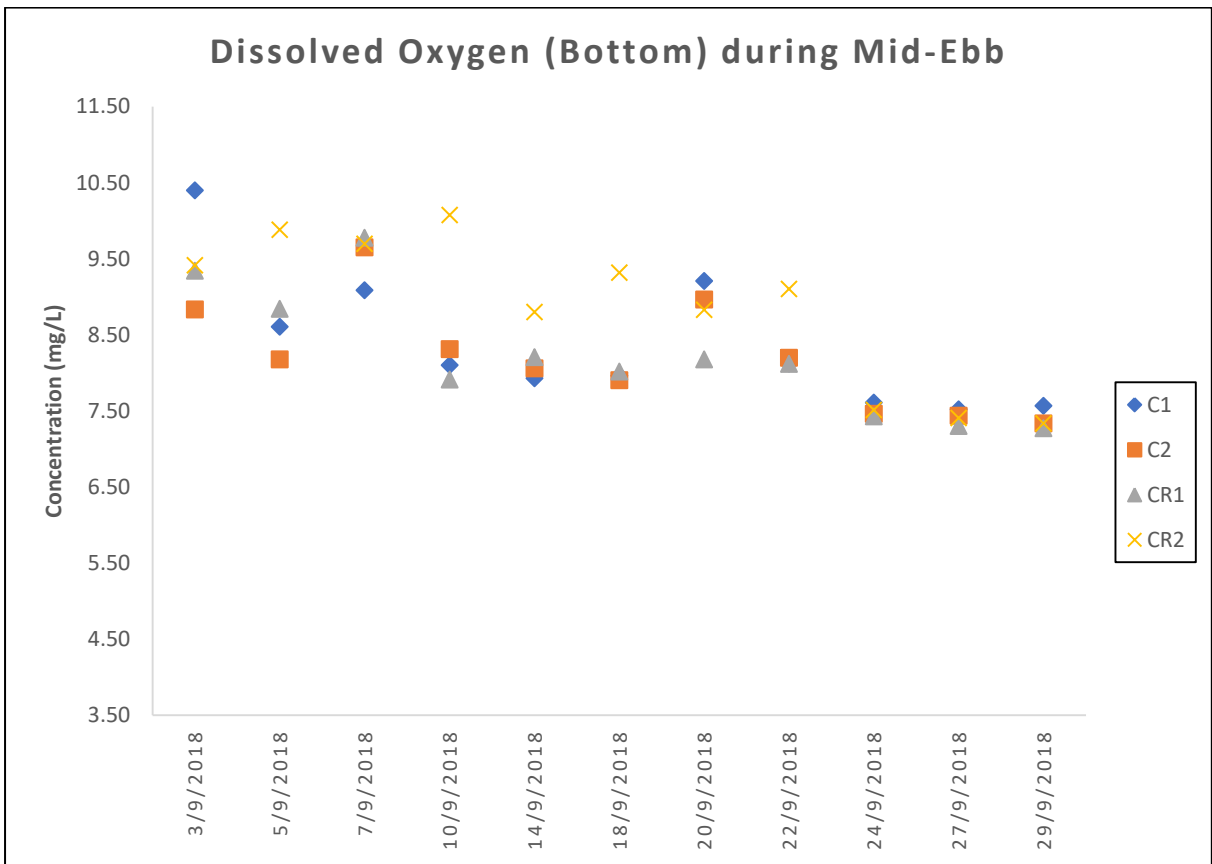
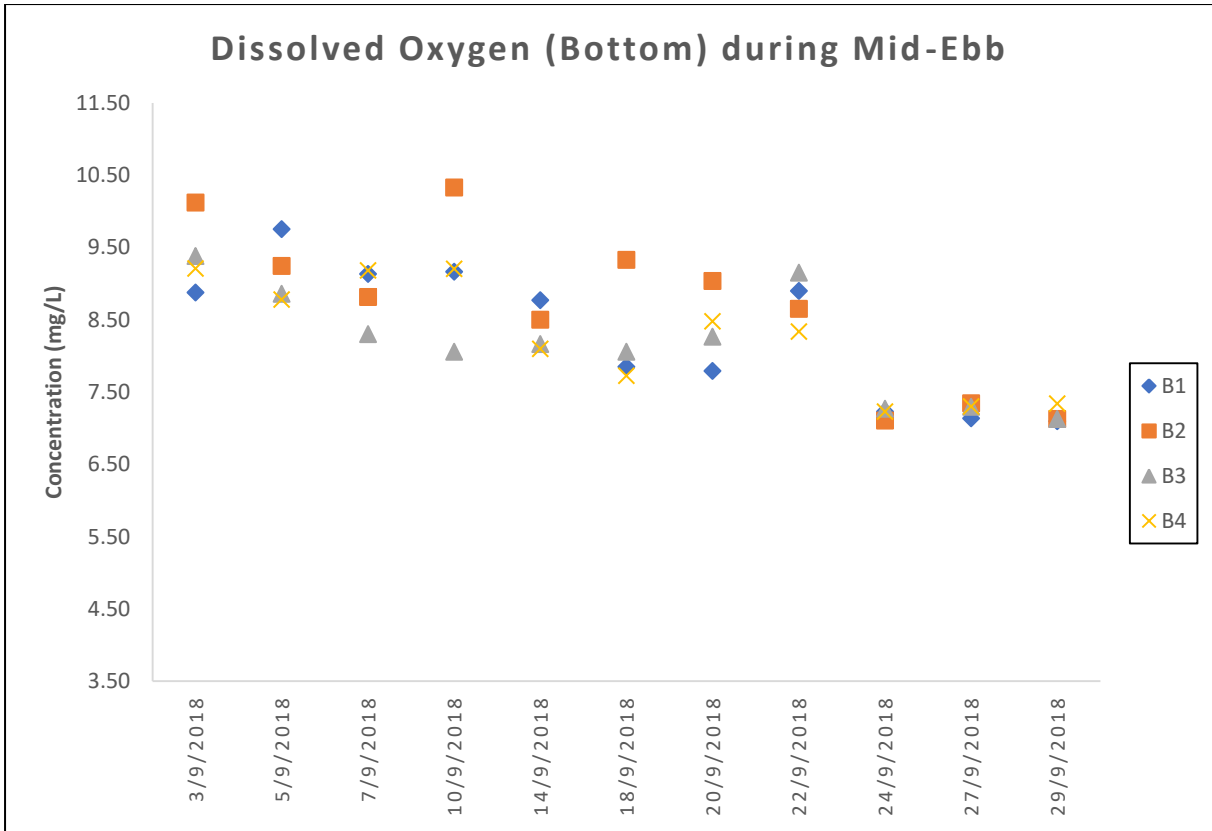
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



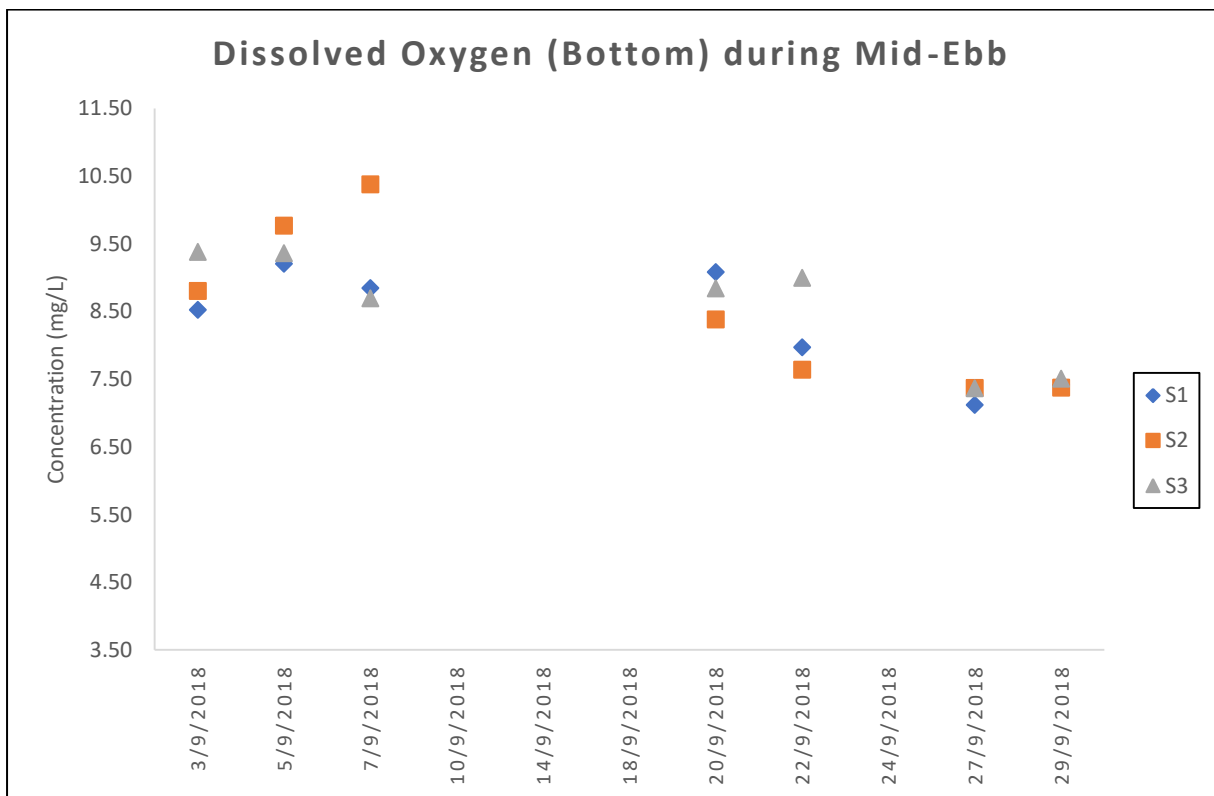
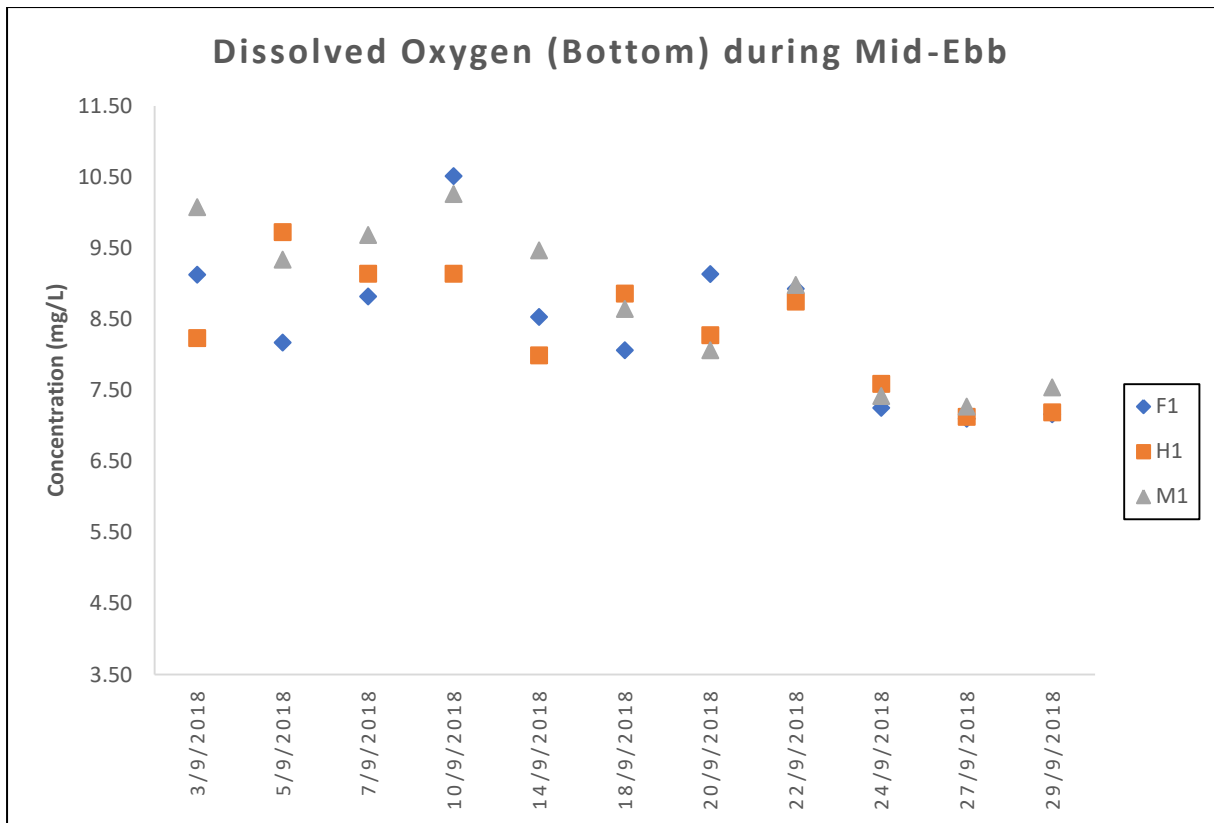
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



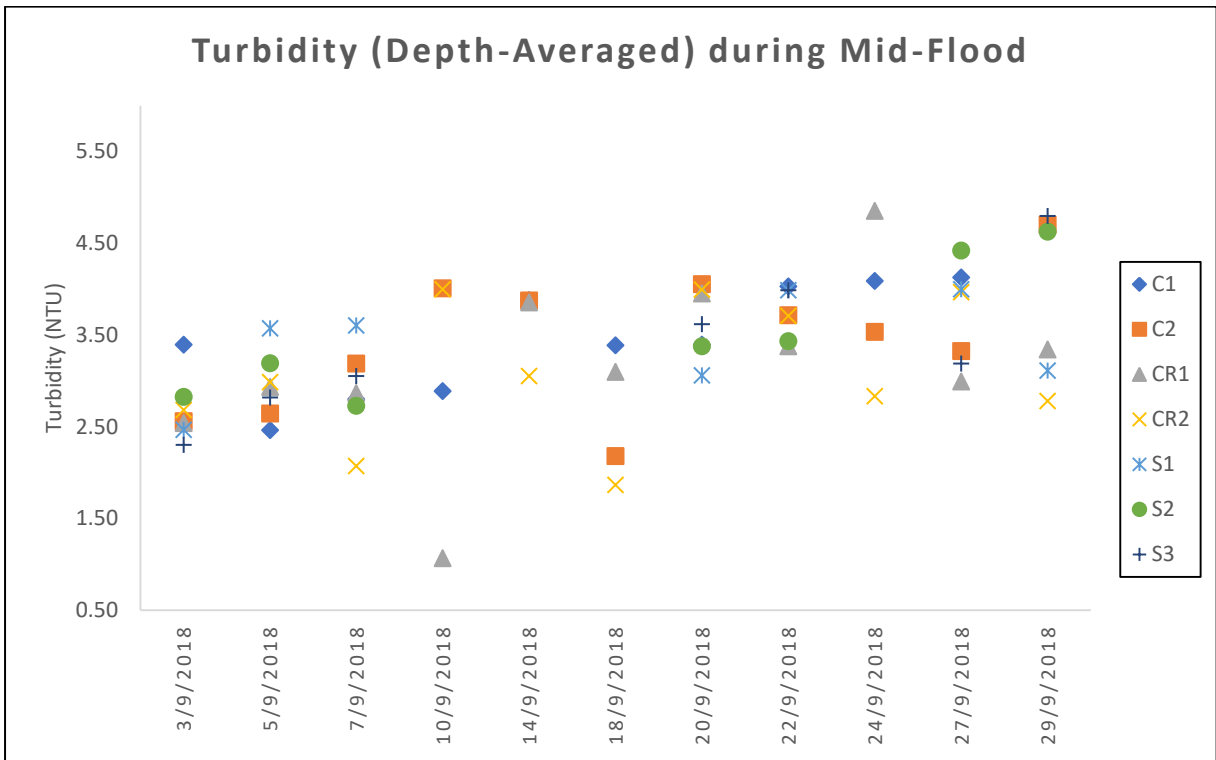
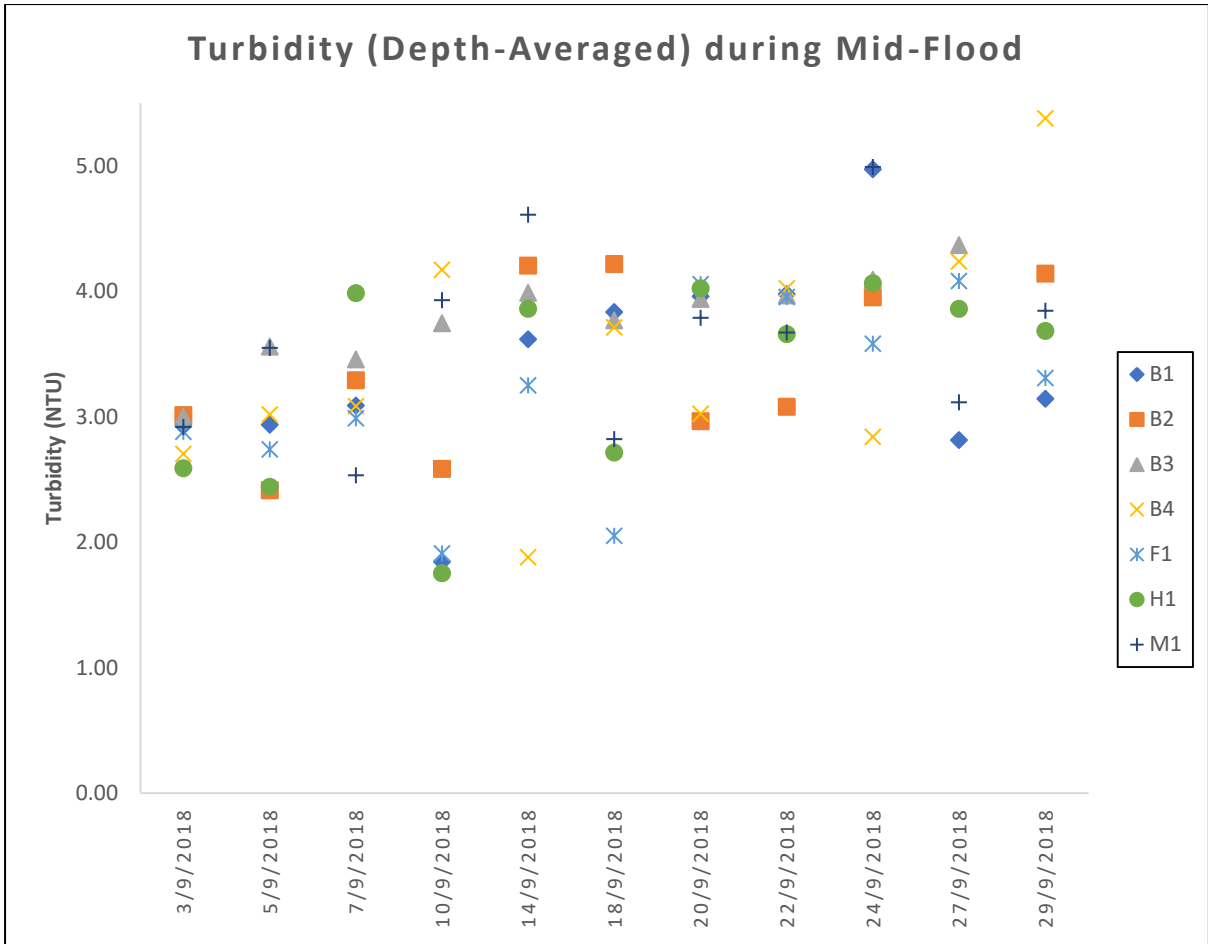
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



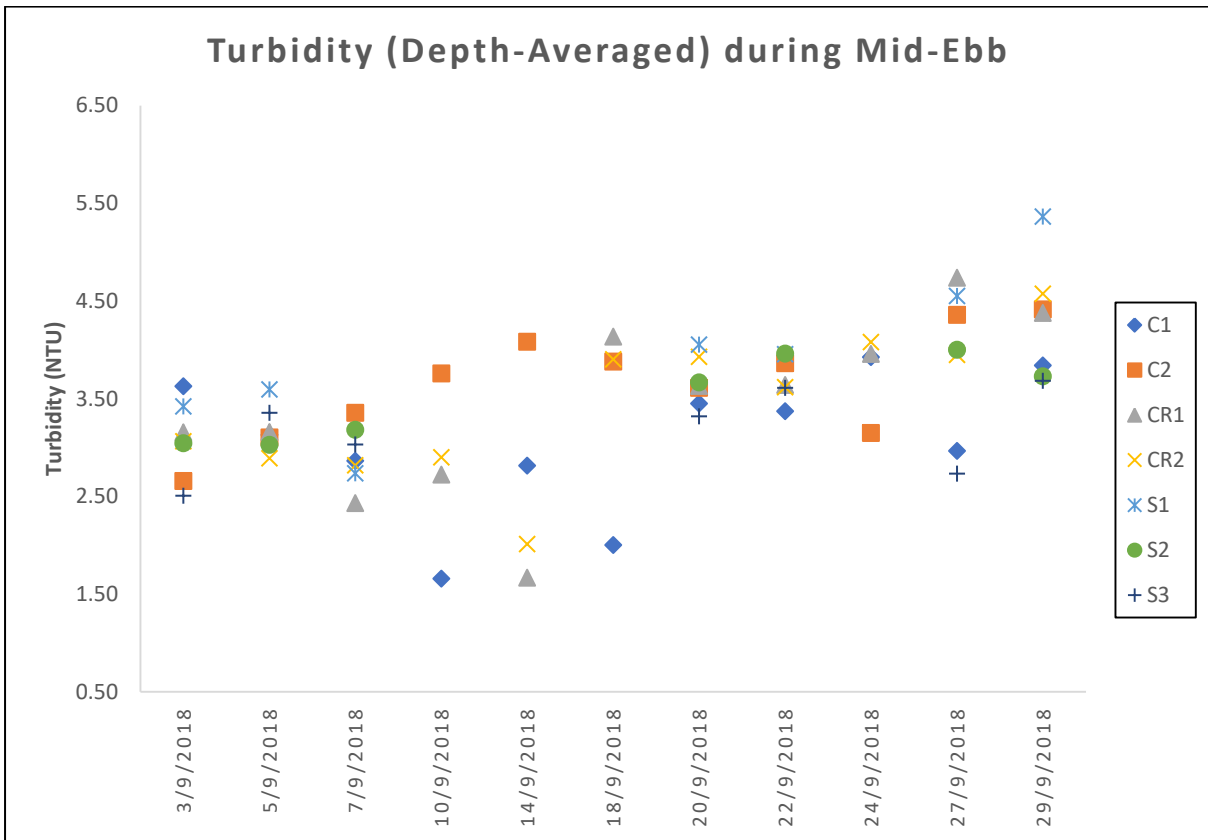
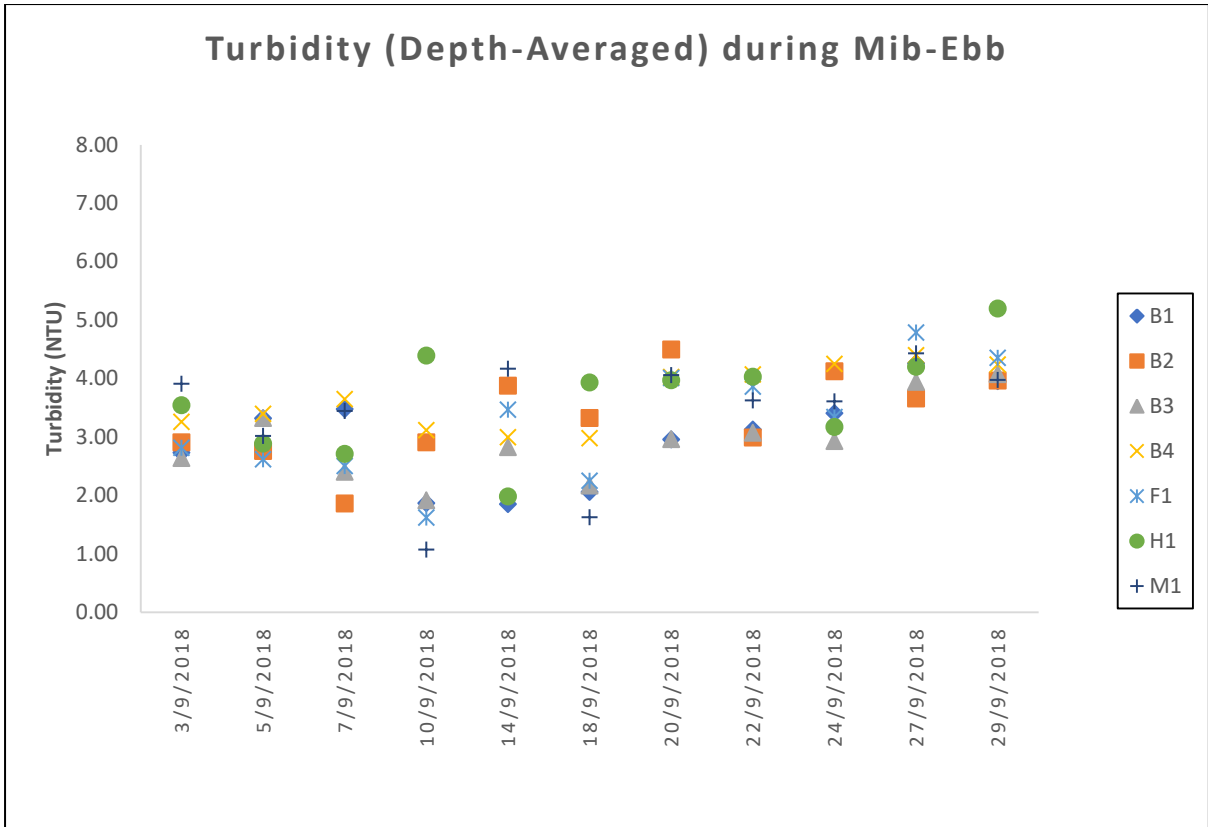
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



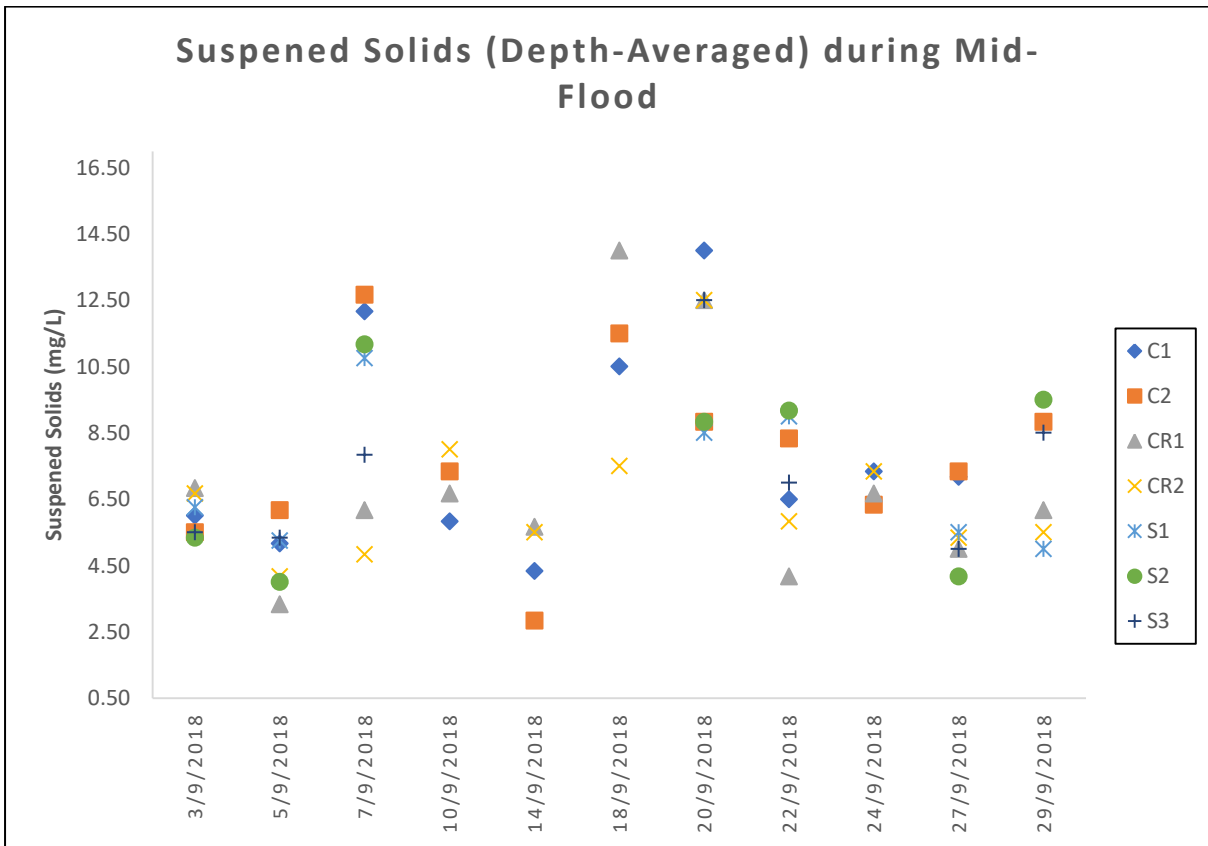
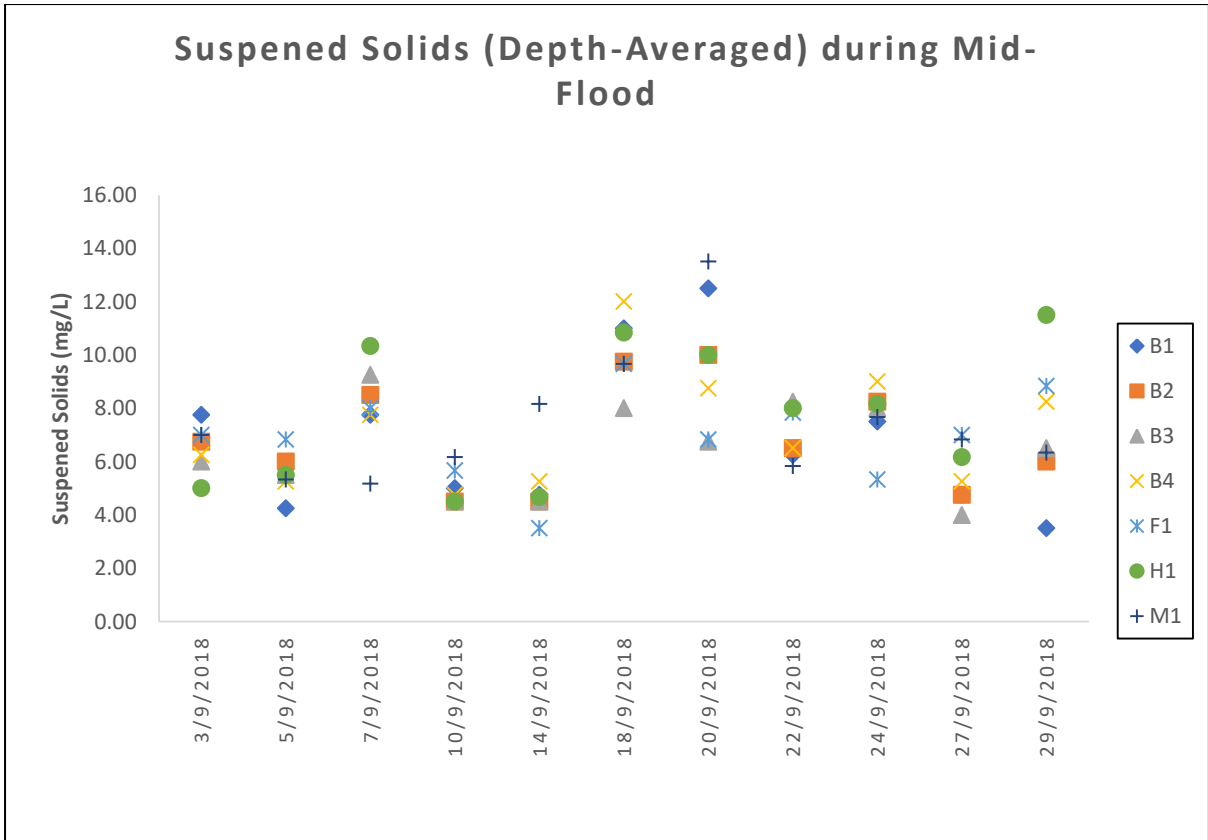
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



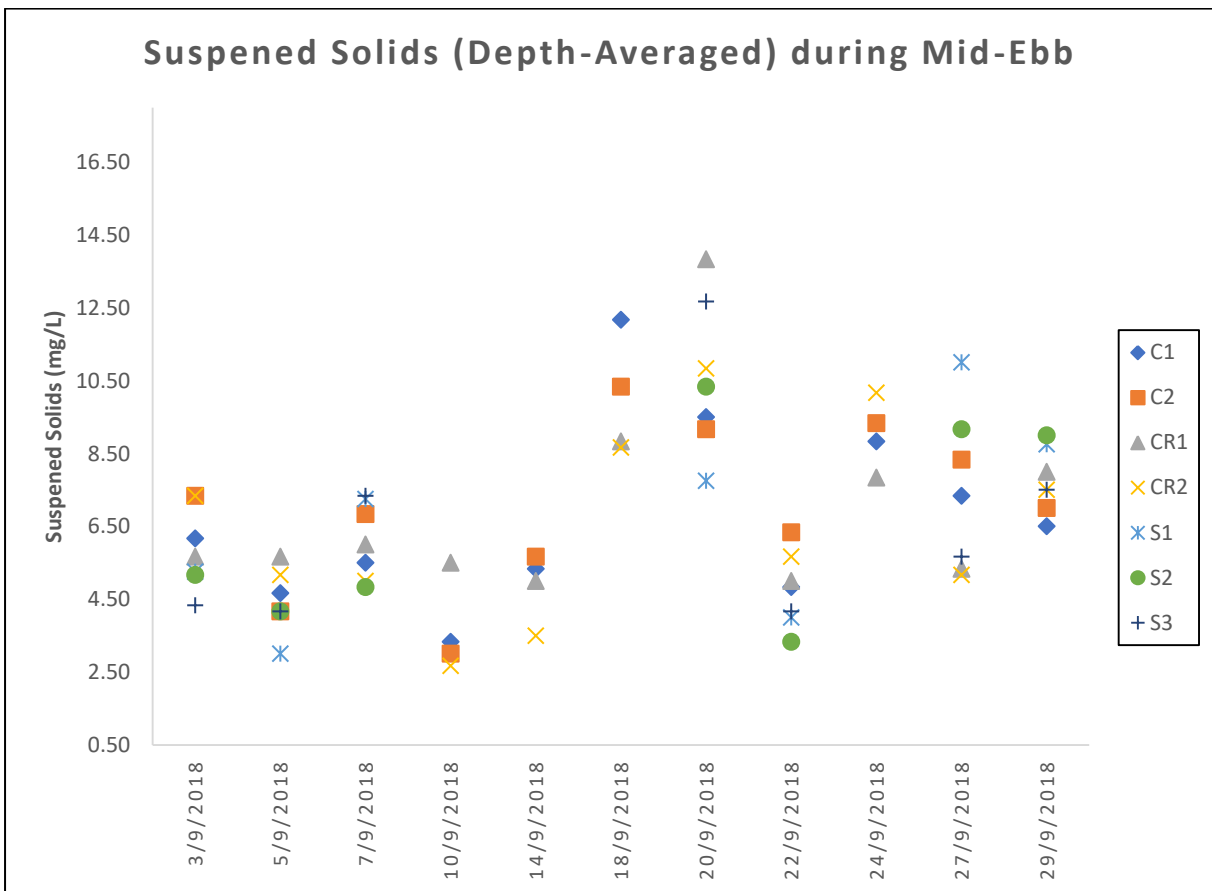
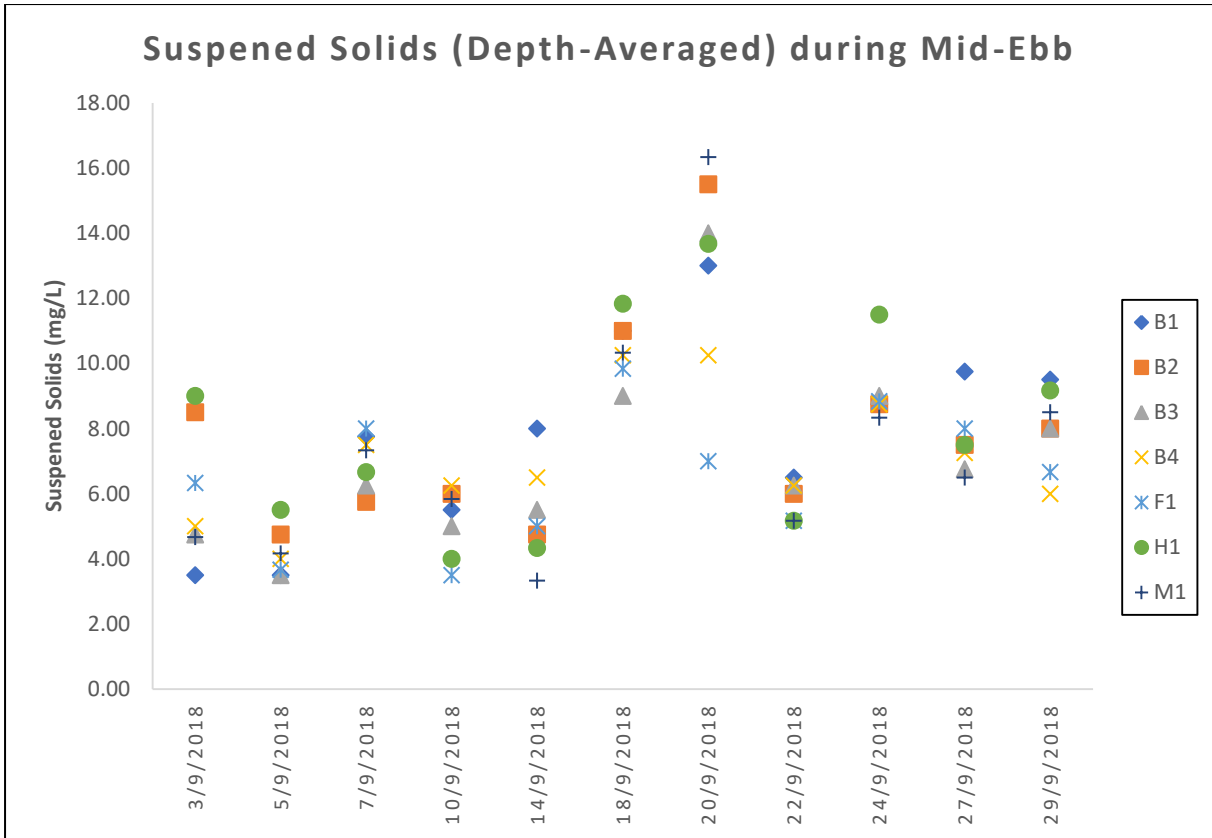
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



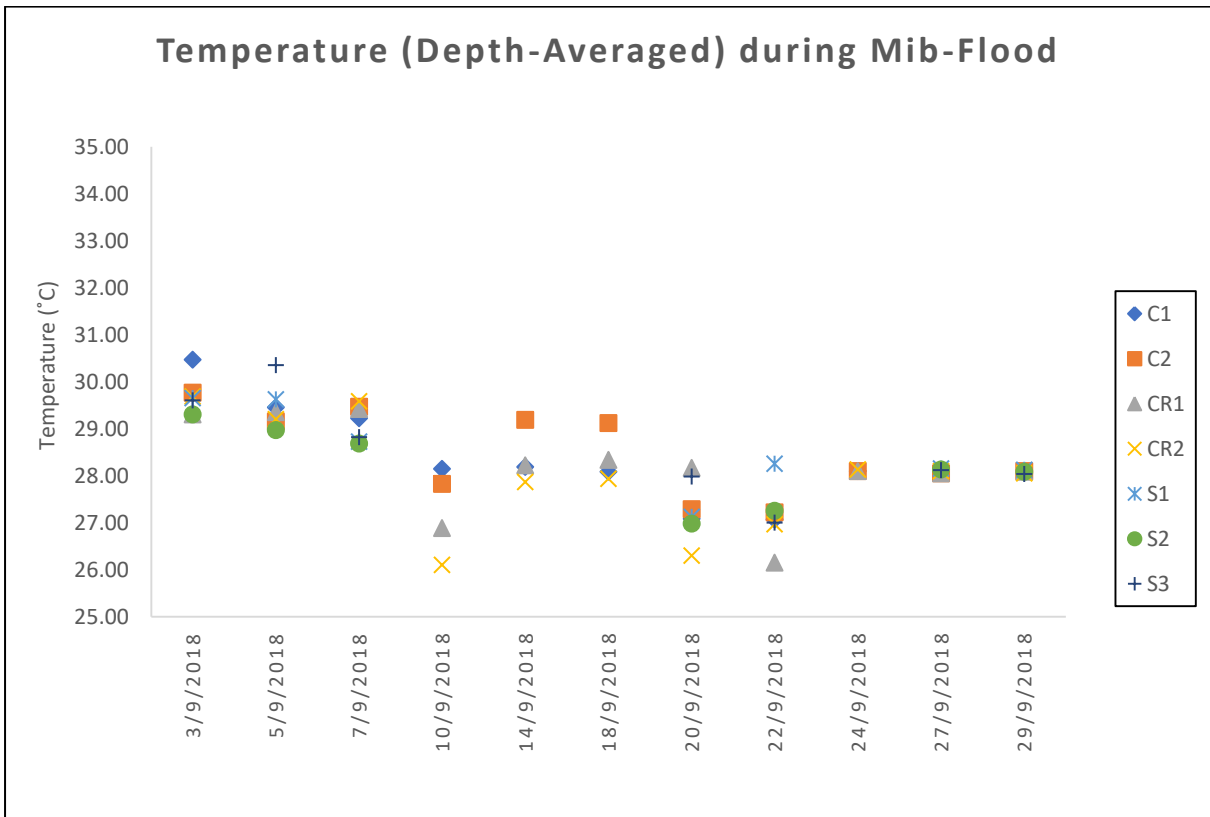
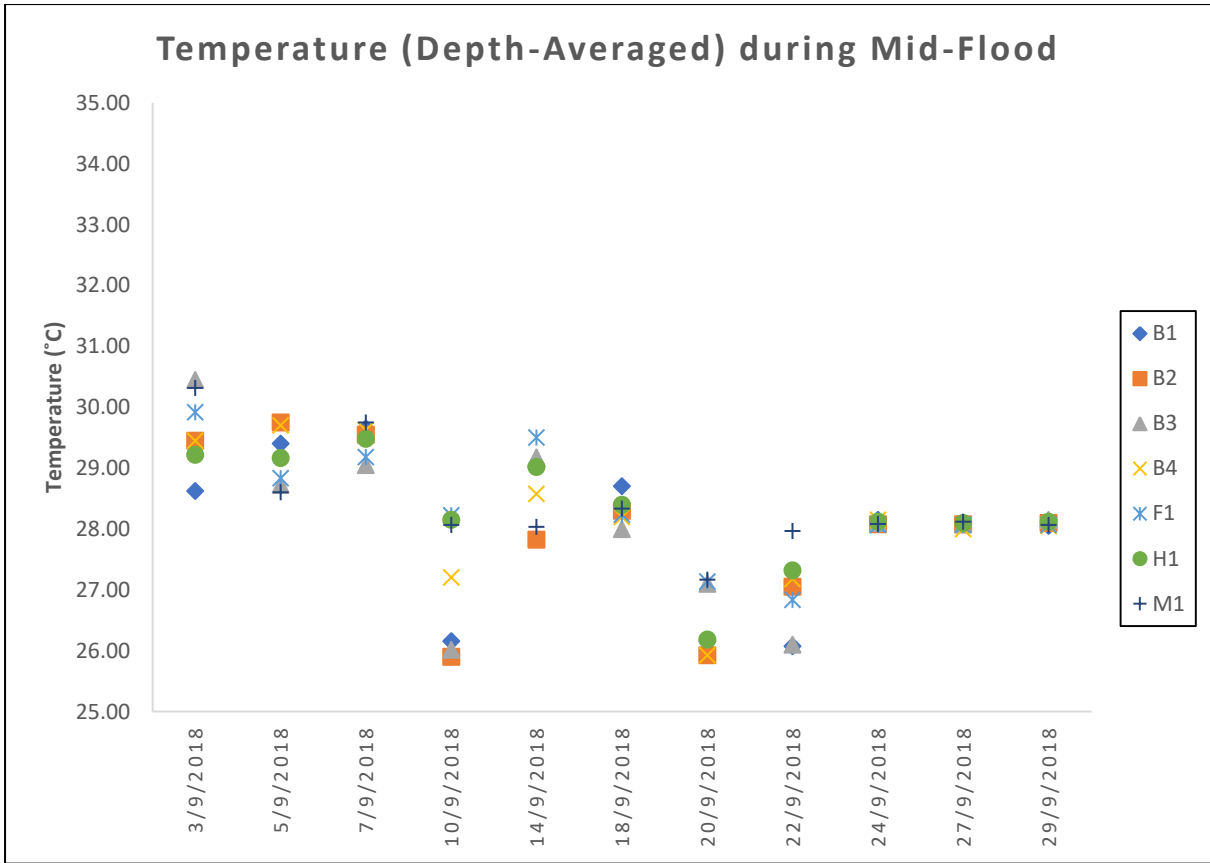
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



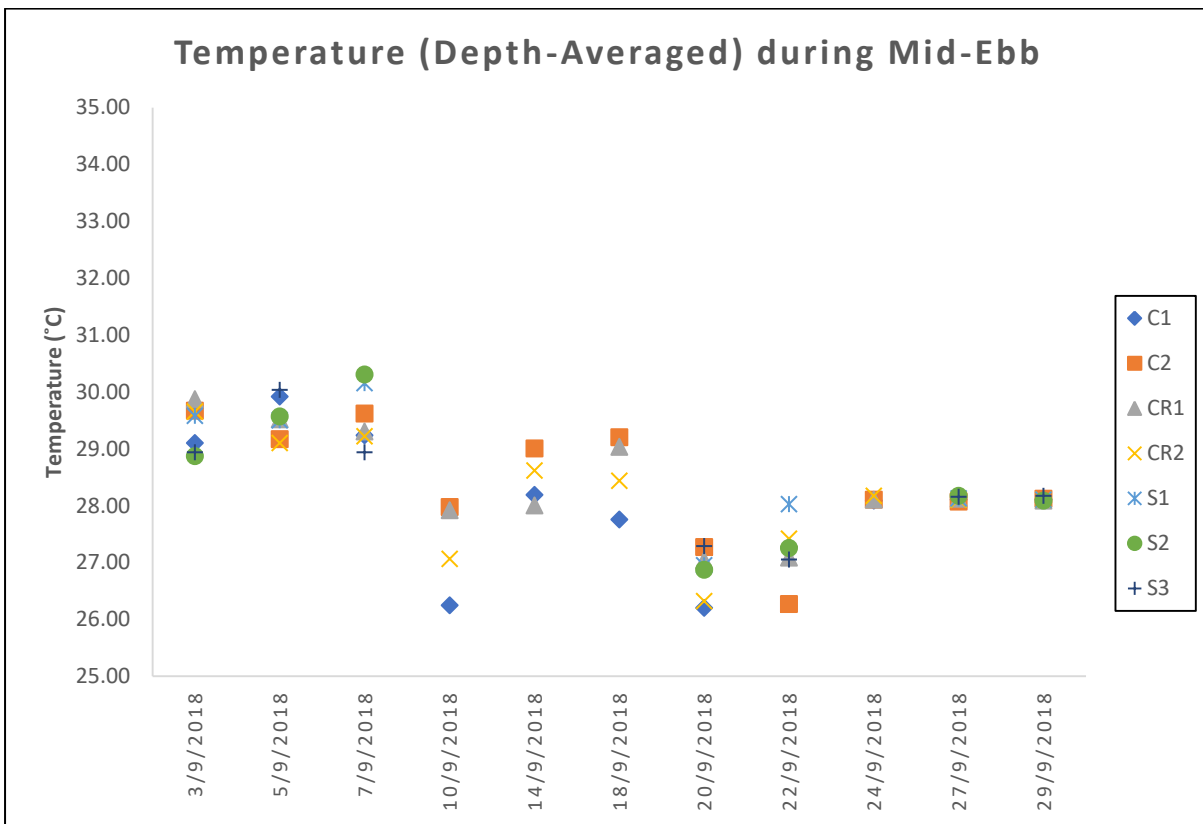
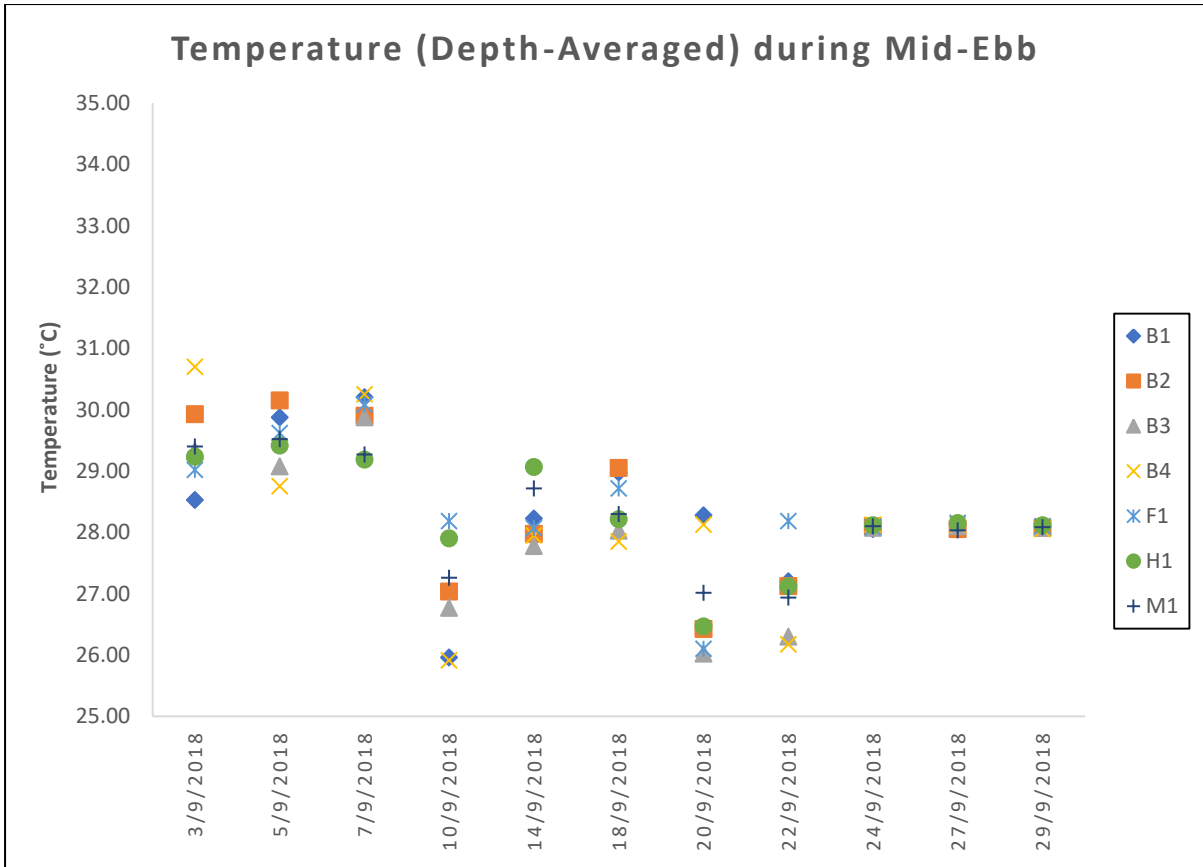
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



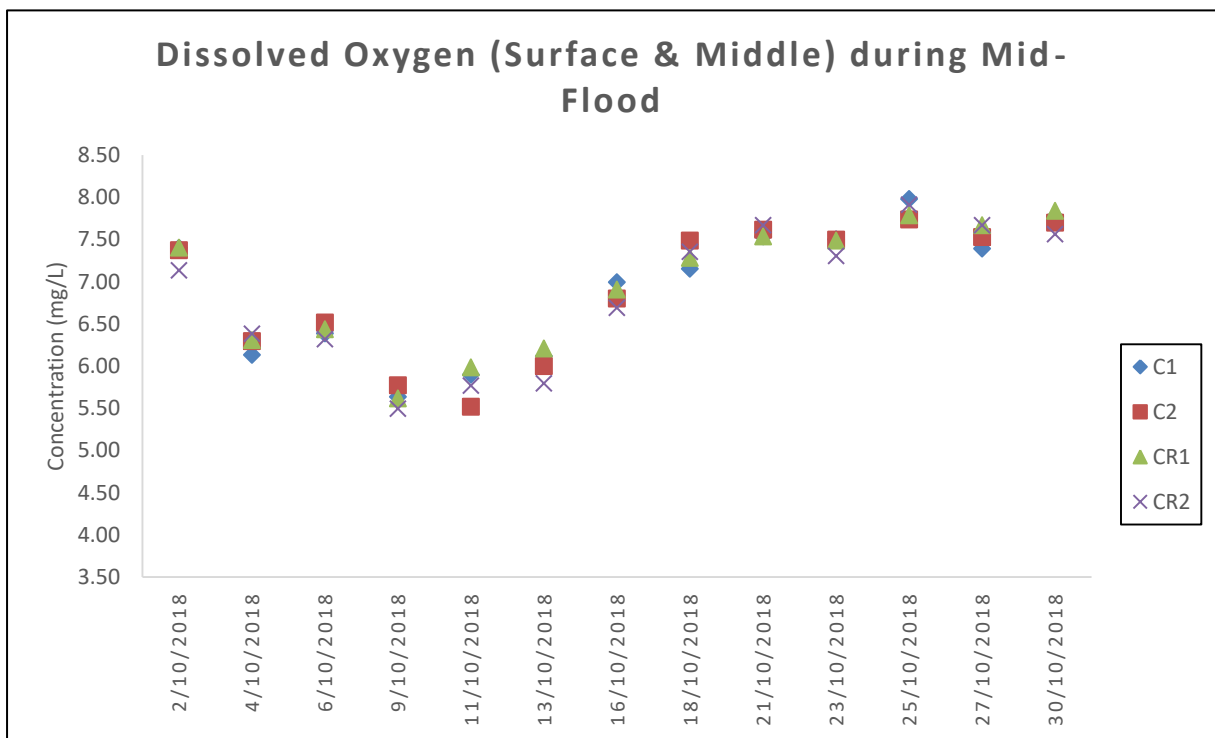
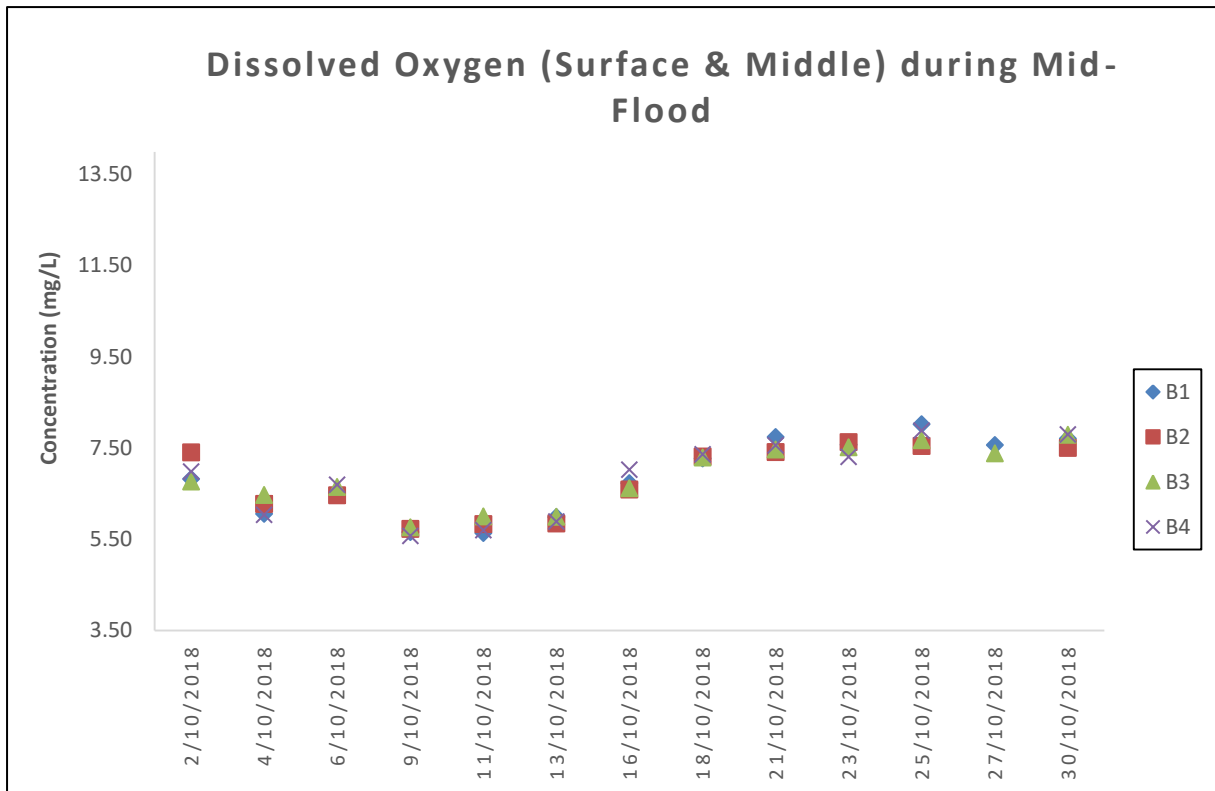
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



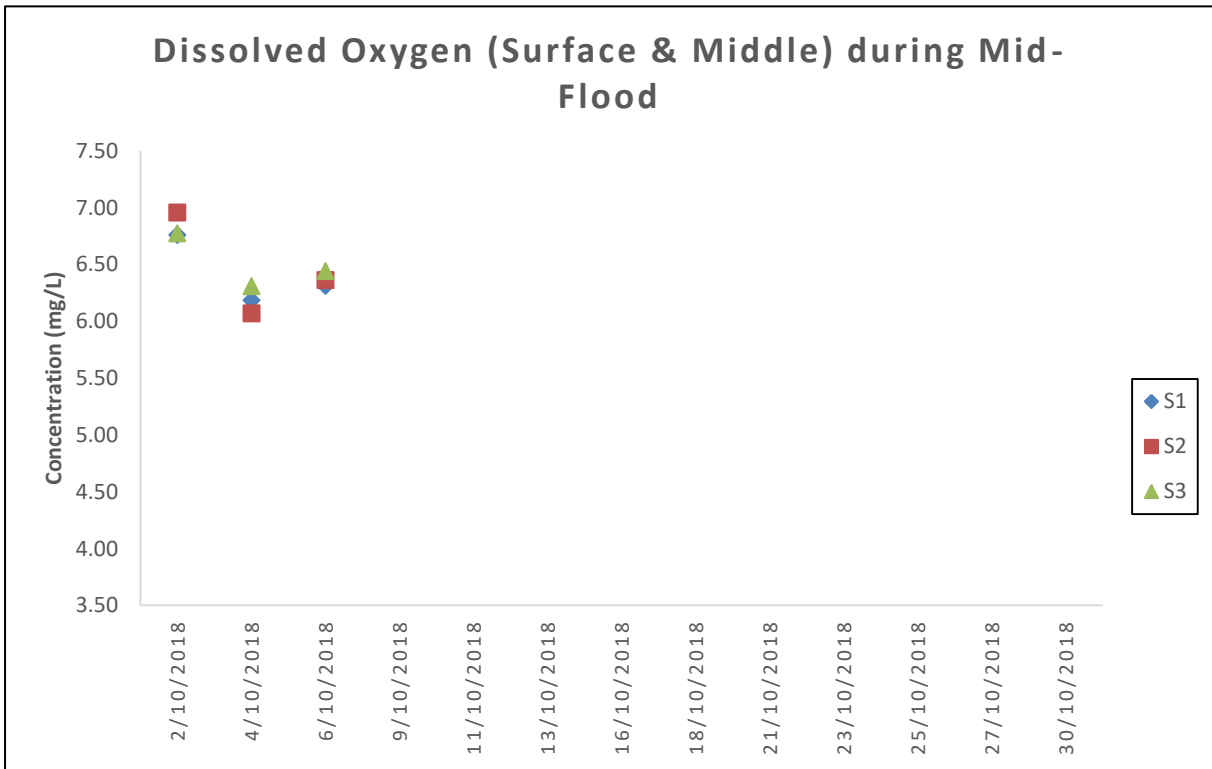
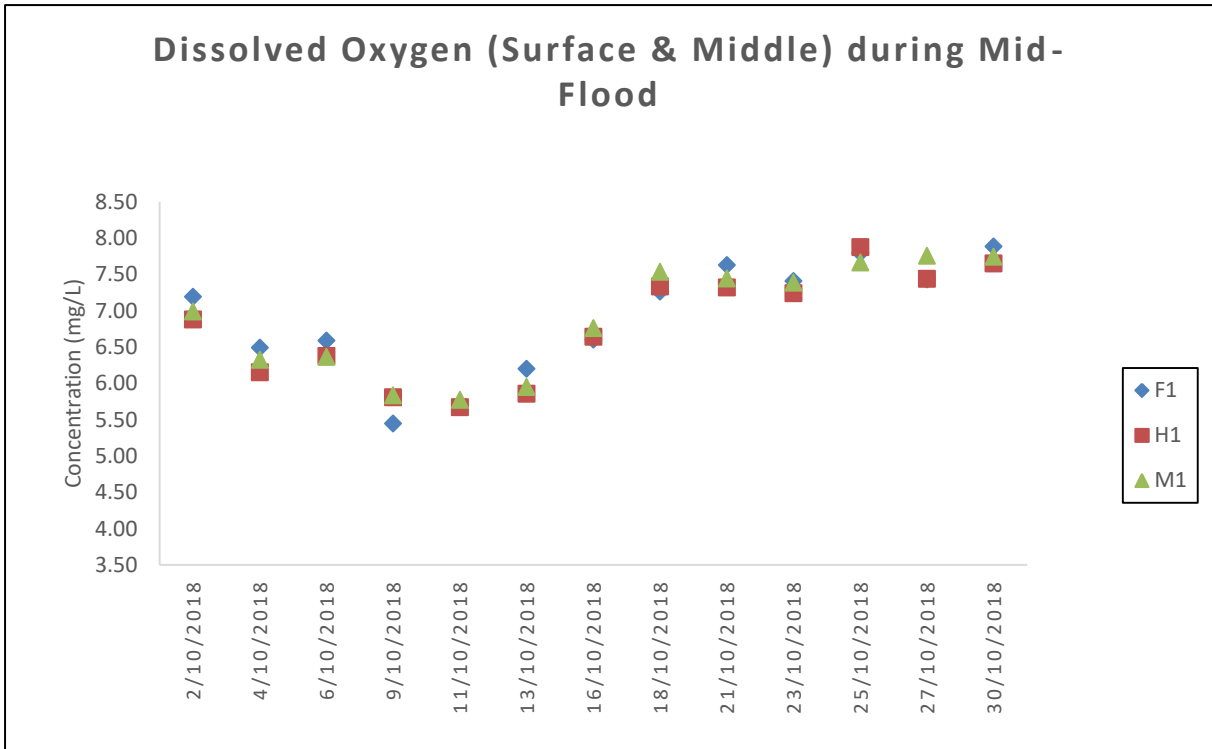
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



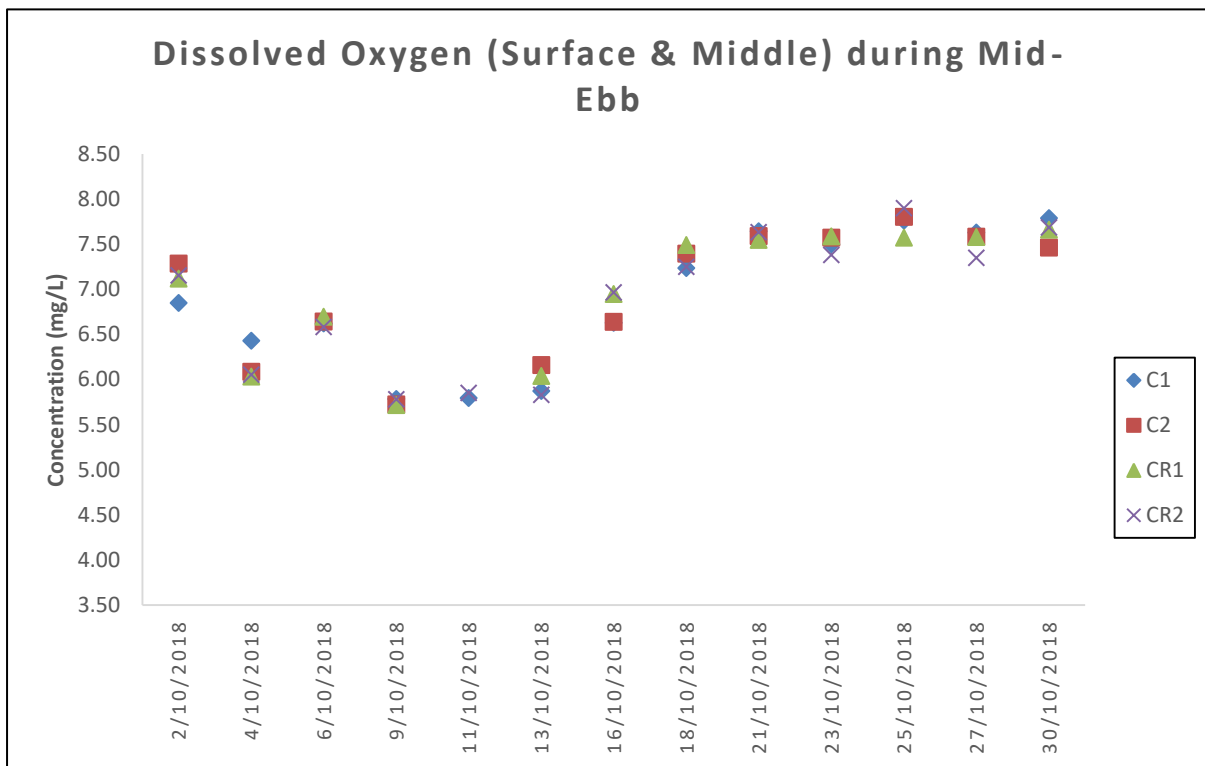
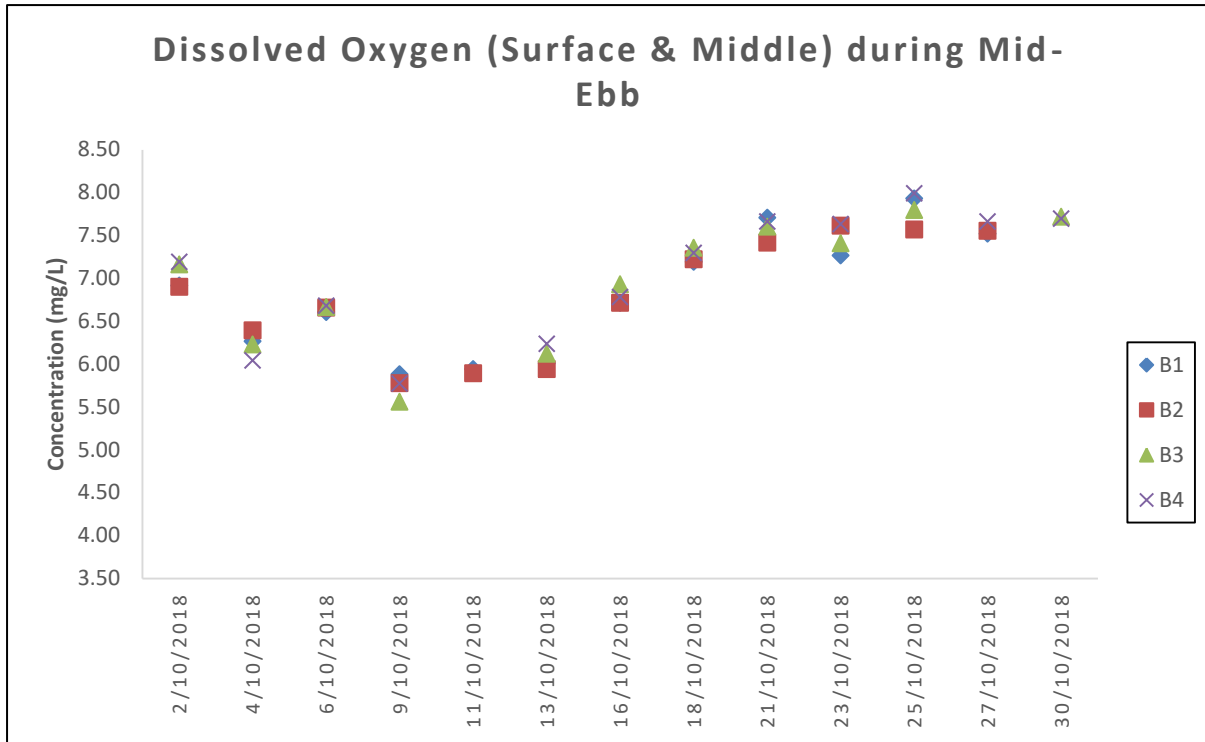
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



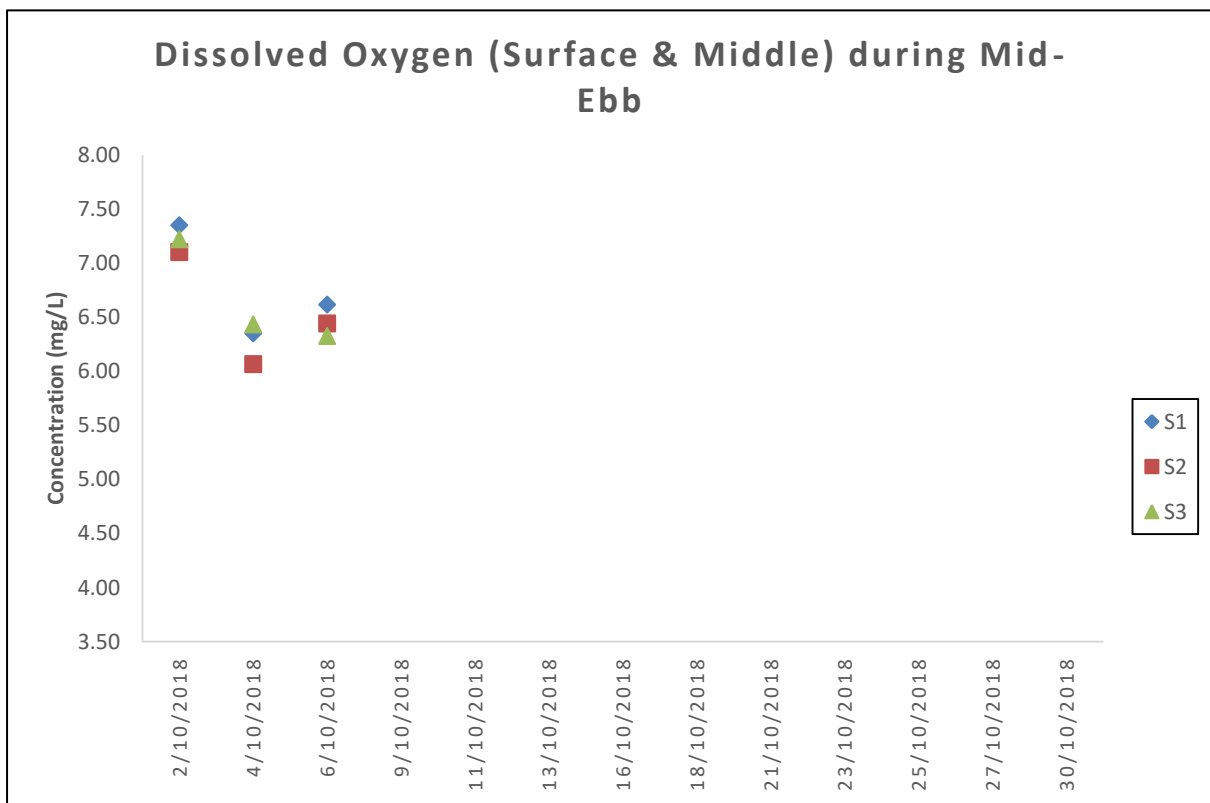
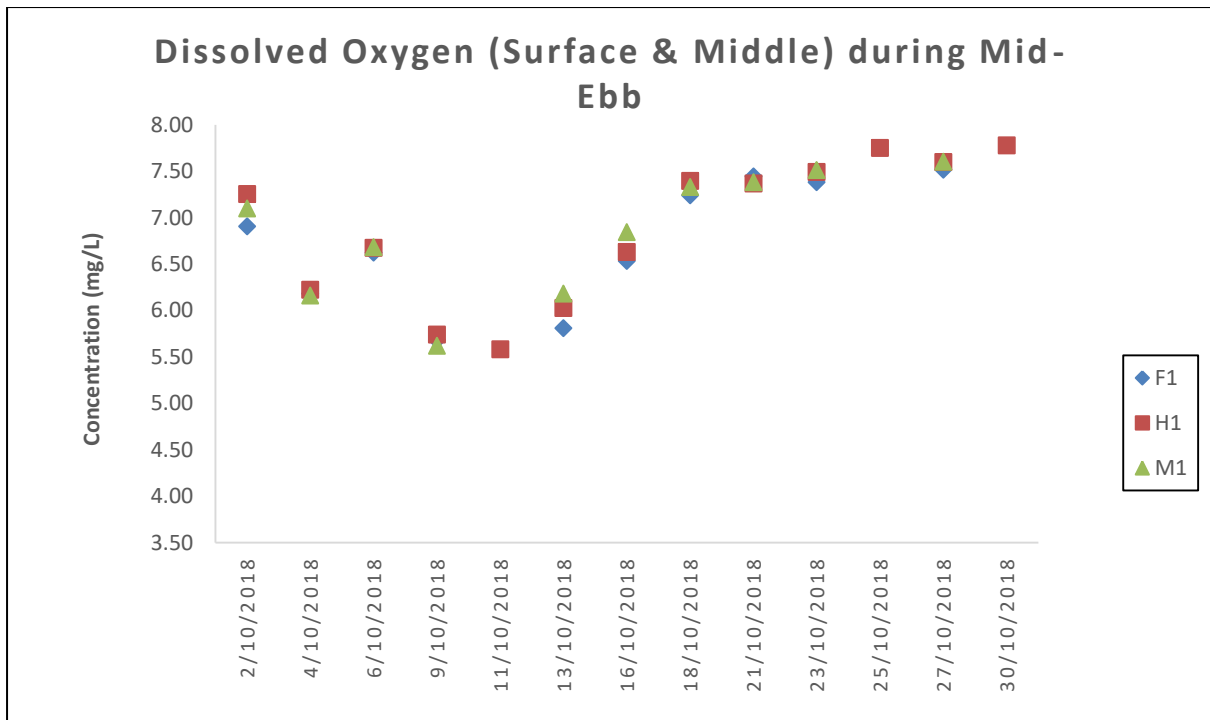
Note: The Action and Limit Level of Dissolved oxygen can be referred to **Table 2.7** of the monthly EM &A report.



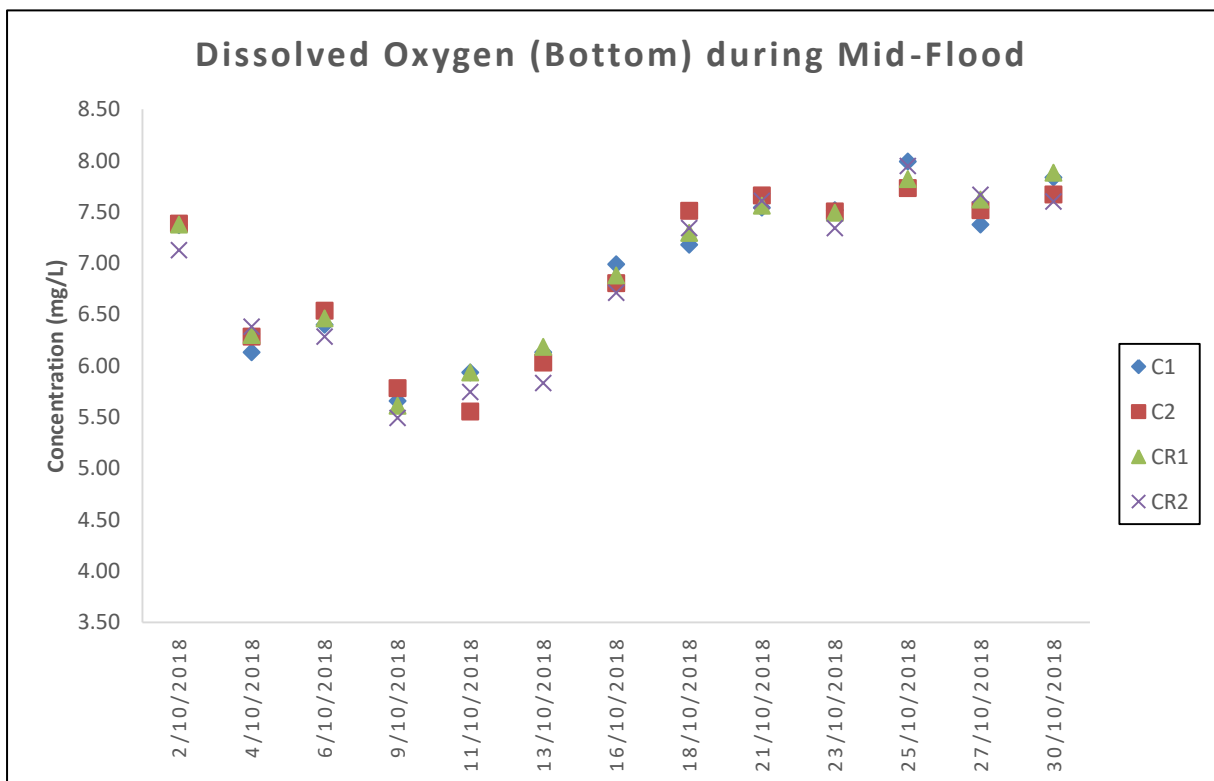
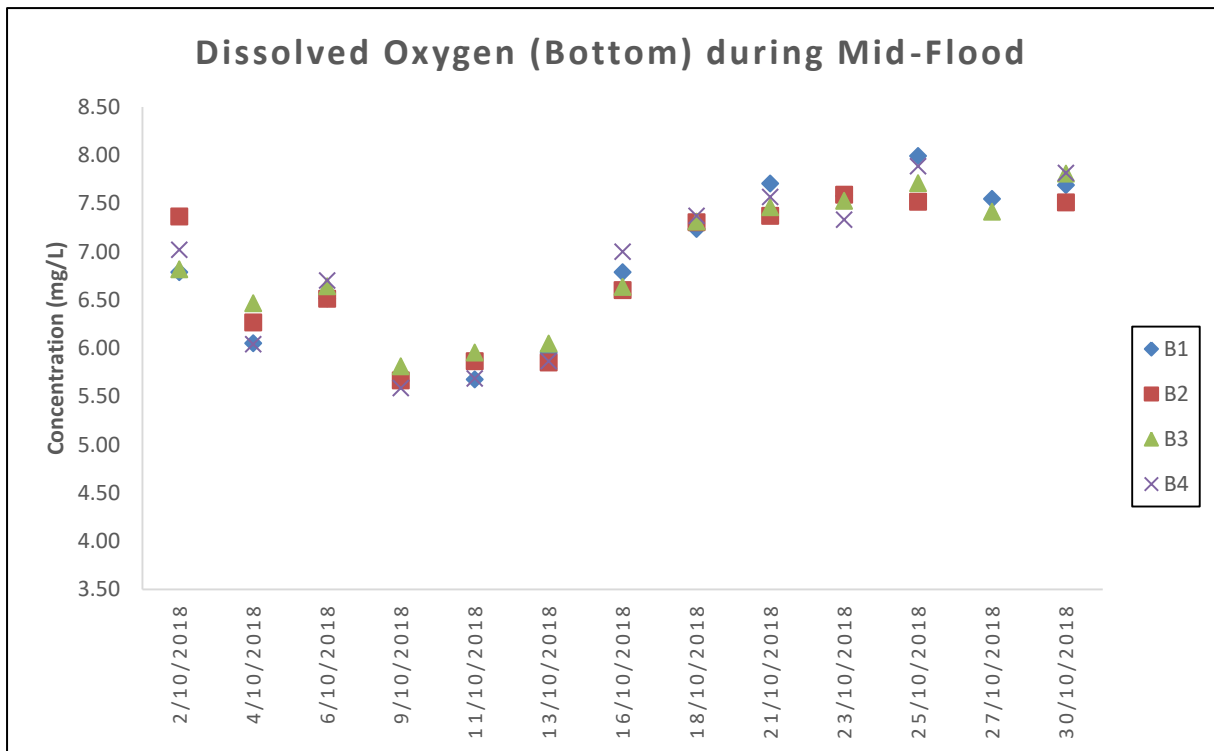
Note: The Action and Limit Level of Dissolved oxygen can be referred to **Table 2.7** of the monthly EM &A report.



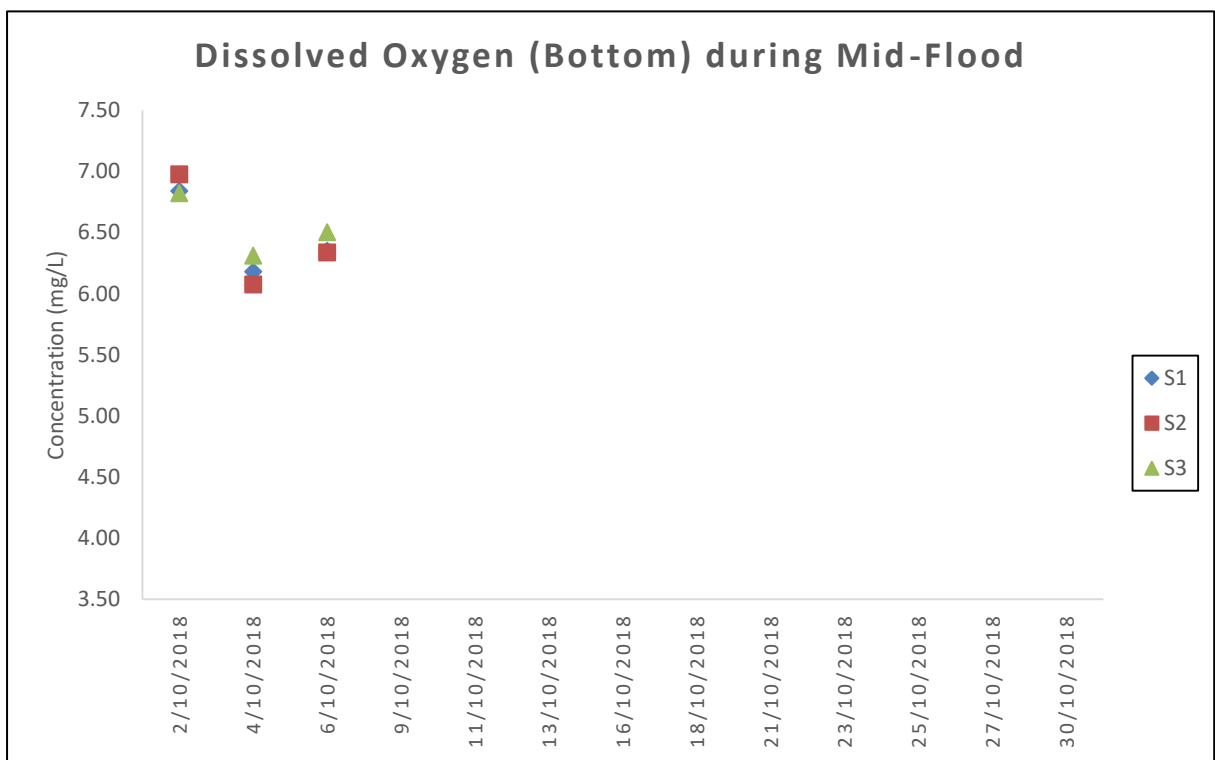
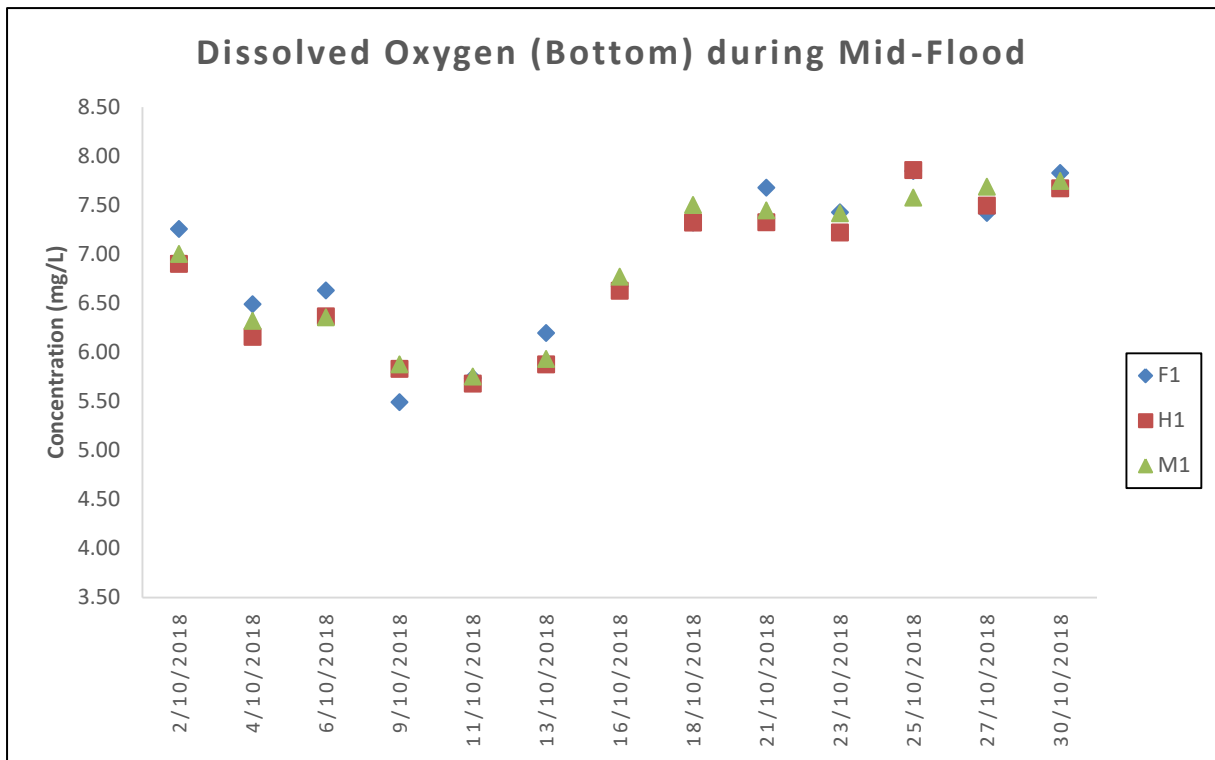
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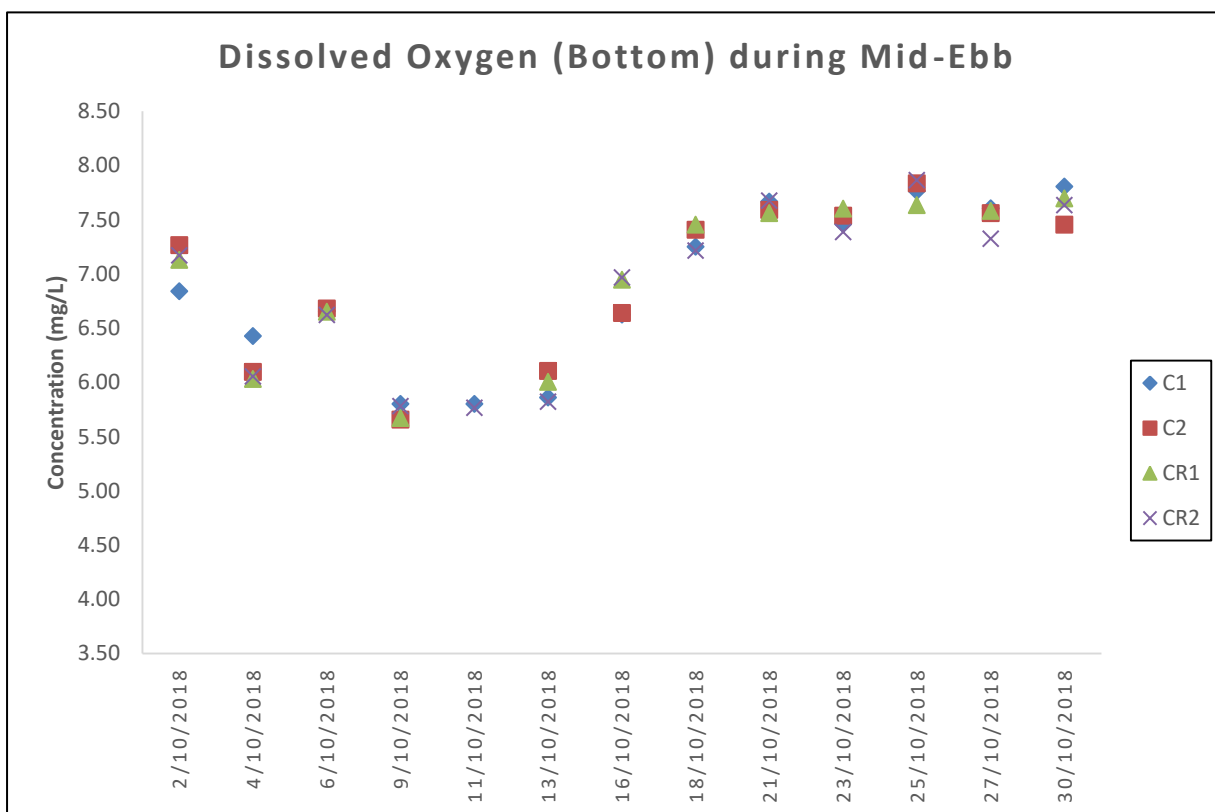
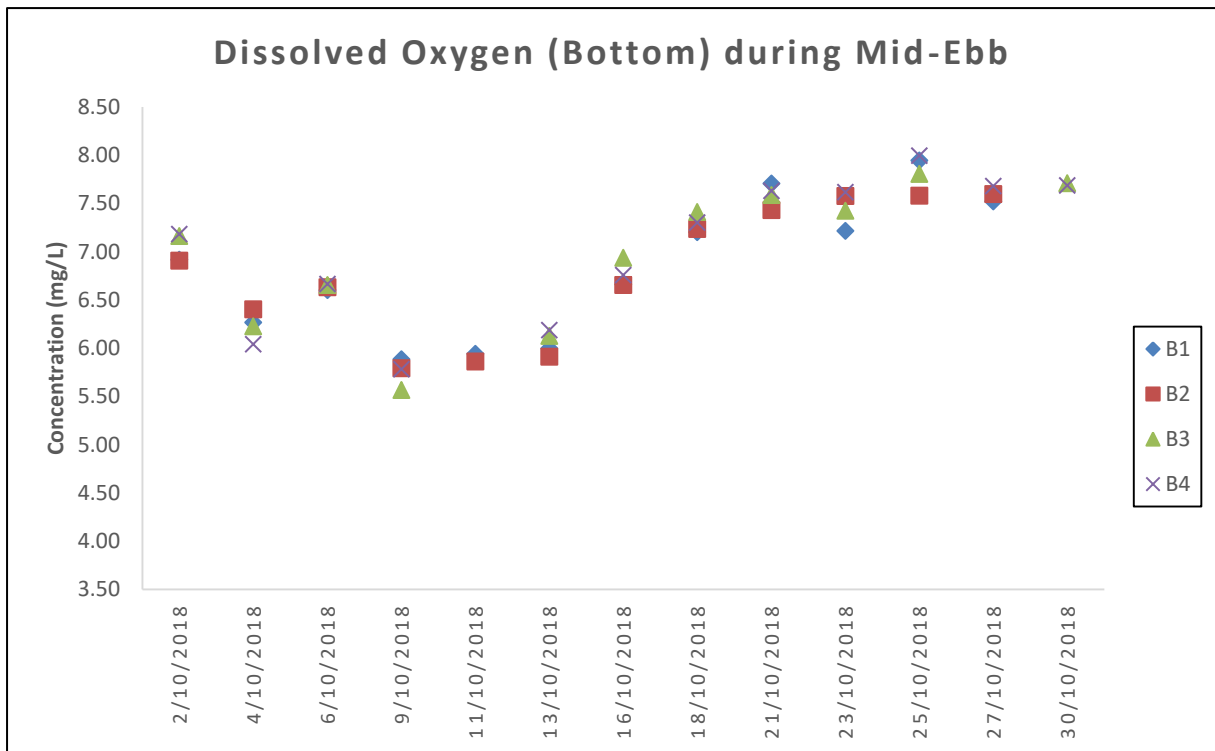
Note: The Action and Limit Level of Dissolved oxygen can be referred to **Table 2.7** of the monthly EM &A report.



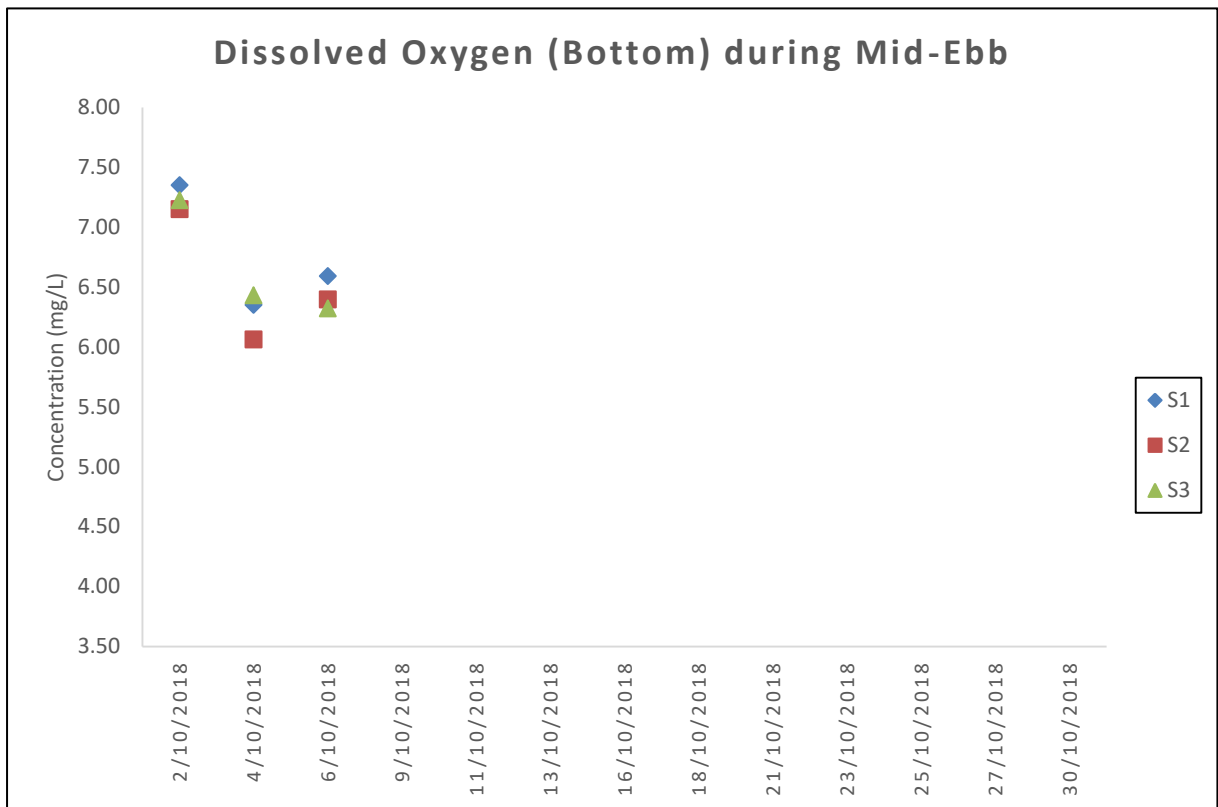
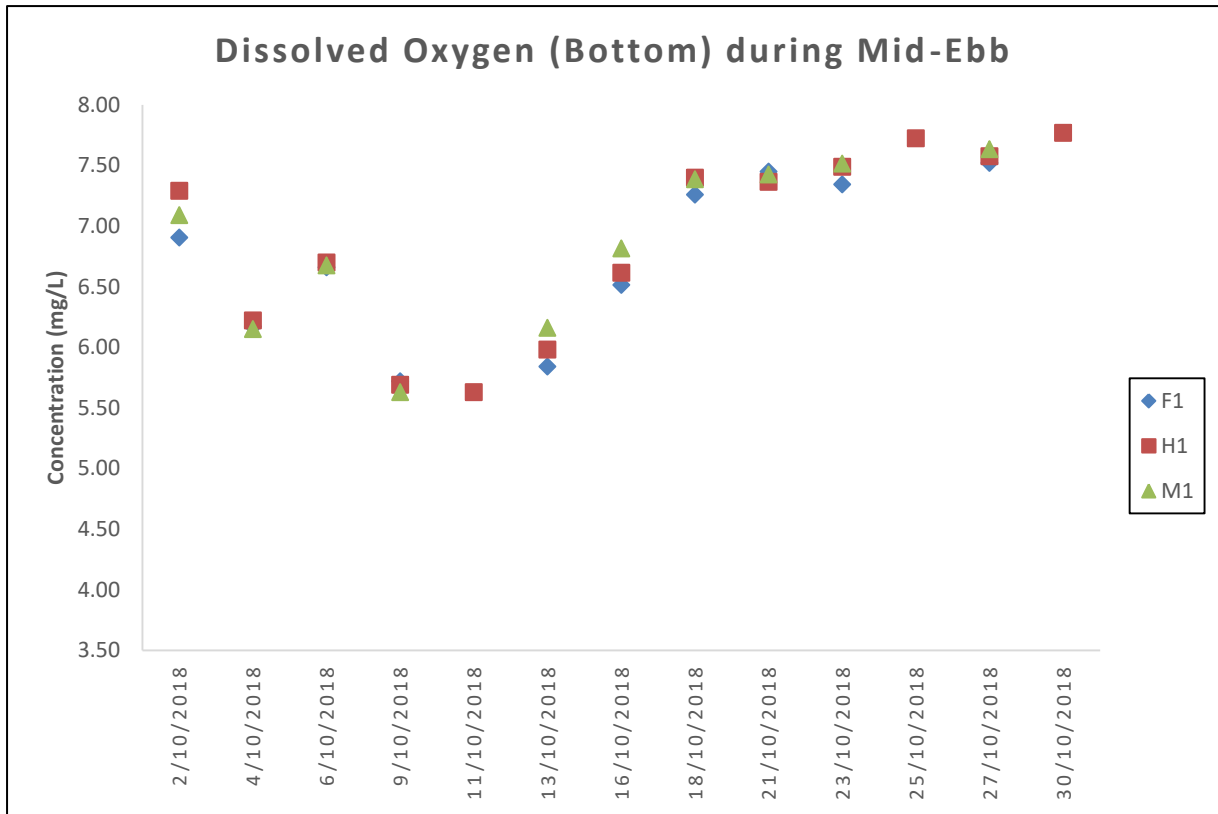
Note: The Action and Limit Level of Dissolved oxygen can be referred to **Table 2.7** of the monthly EM &A report.



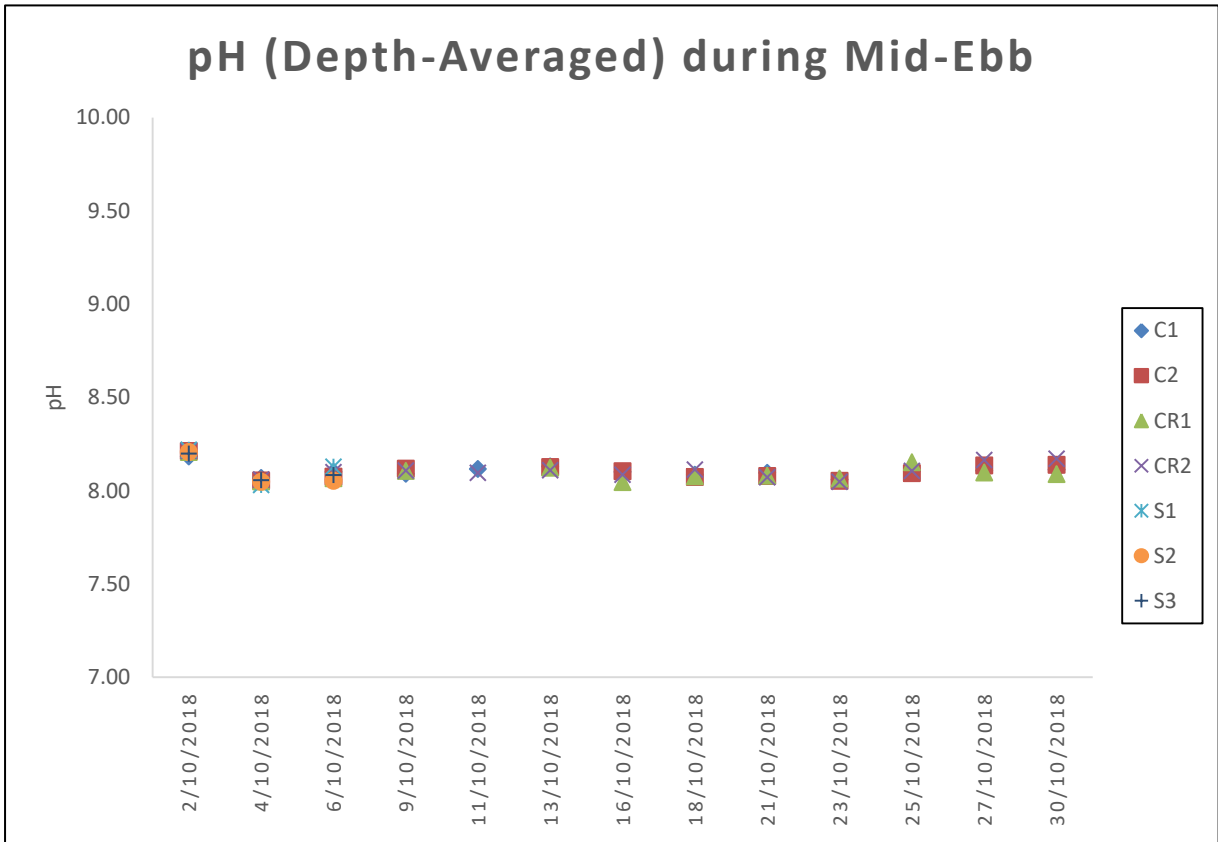
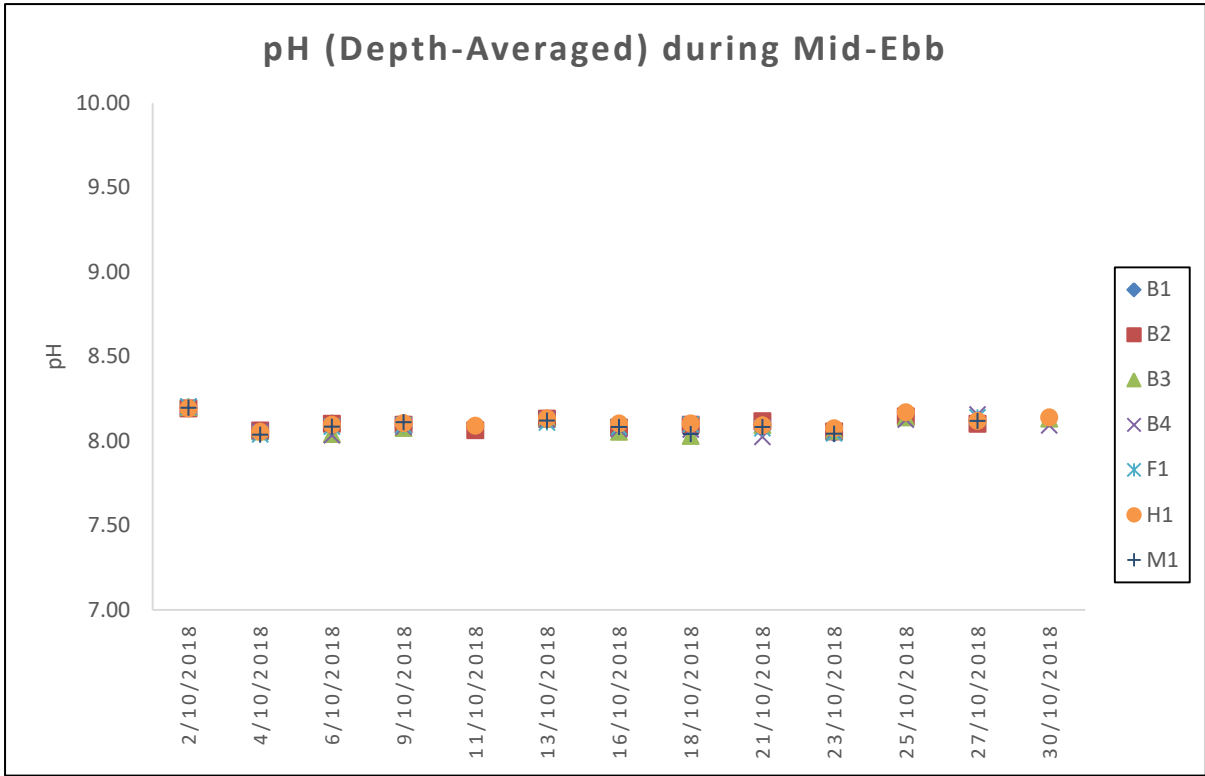
Note: The Action and Limit Level of Dissolved oxygen can be referred to **Table 2.7** of the monthly EM &A report

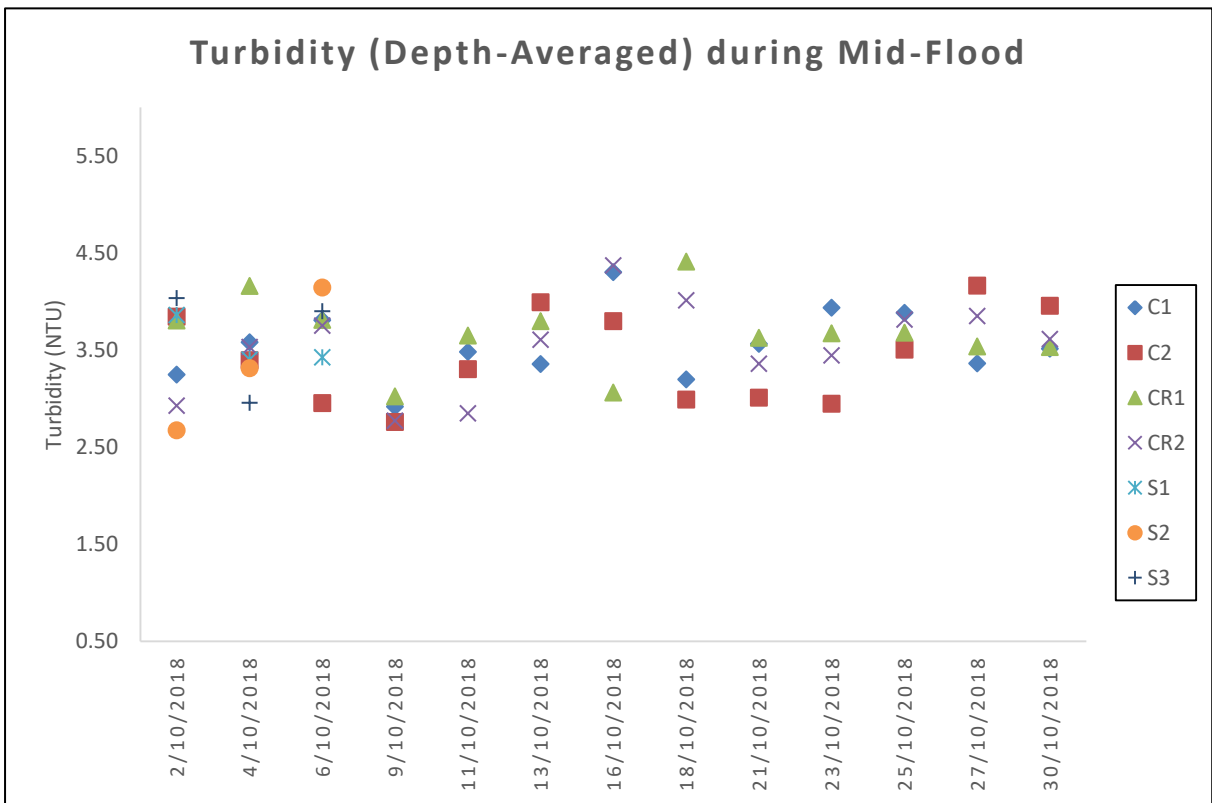
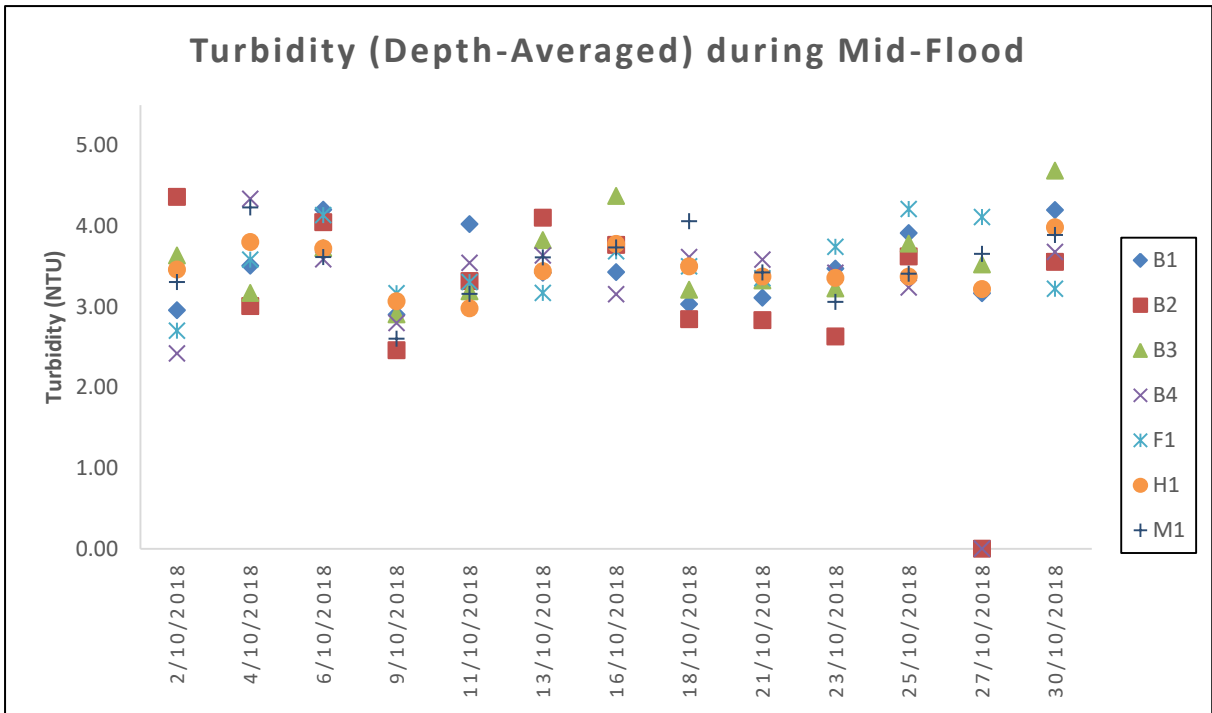


Note: The Action and Limit Level of Dissolved oxygen can be referred to **Table 2.7** of the monthly EM &A report.

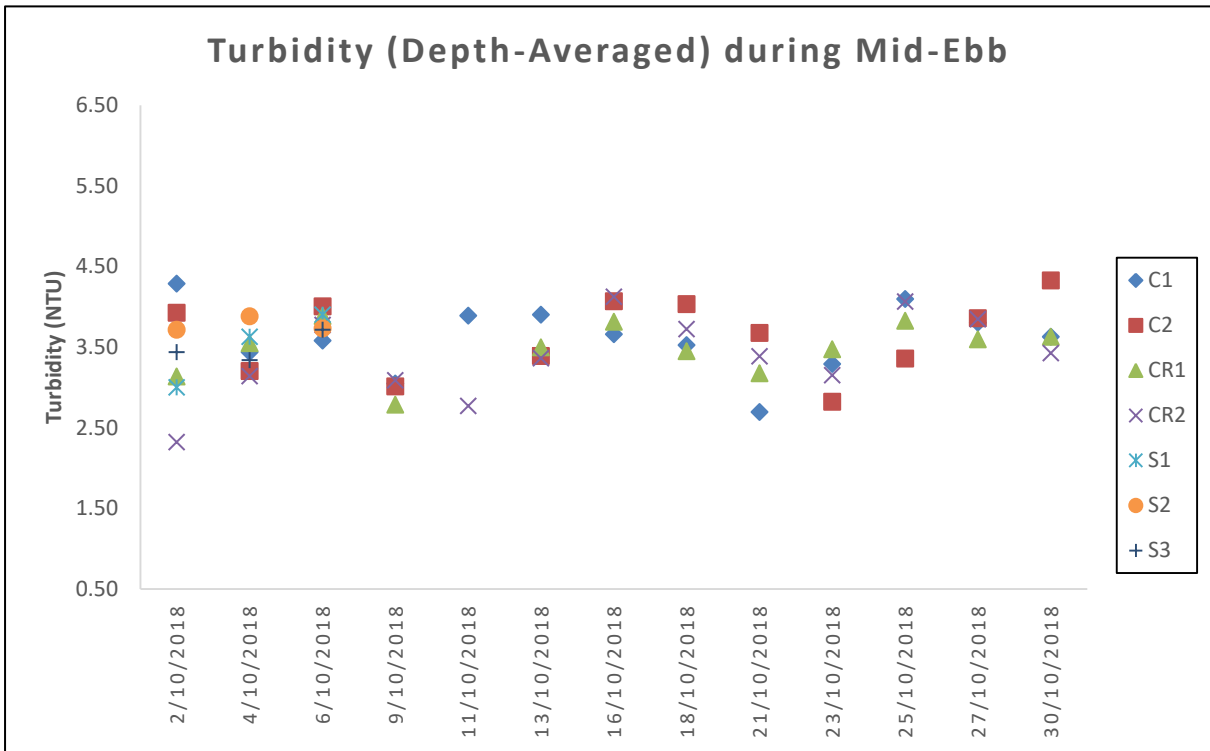
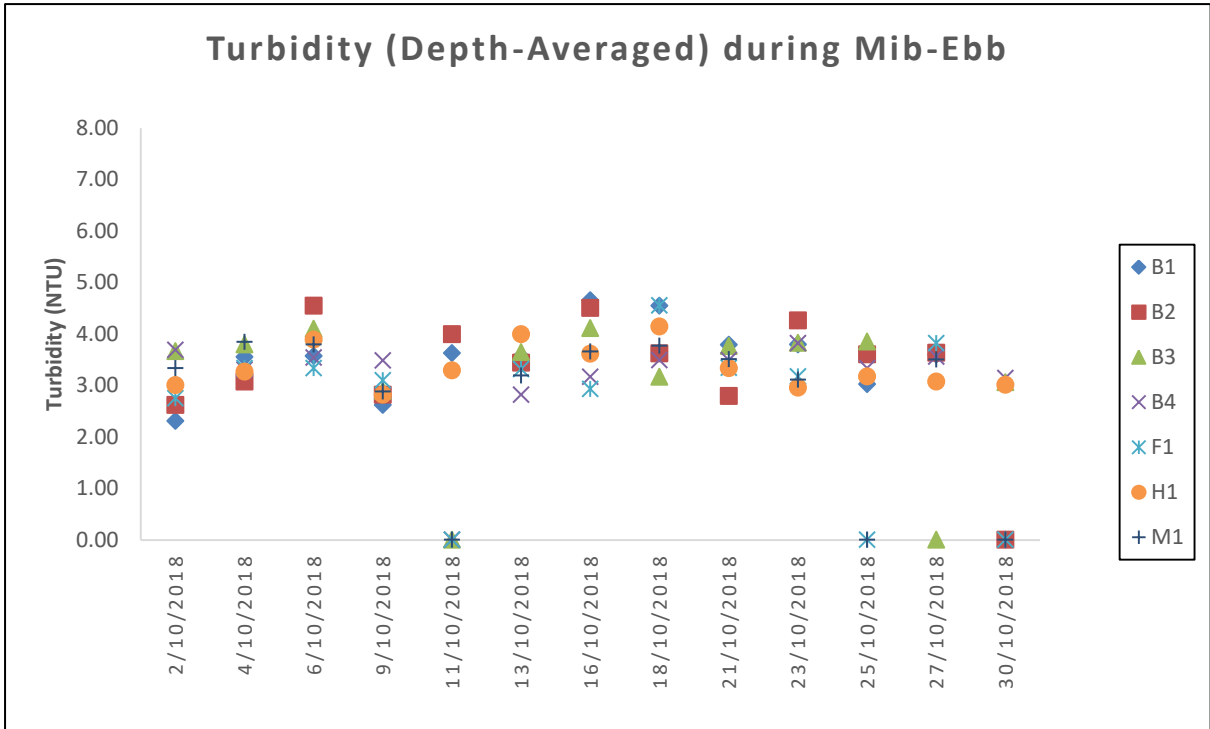


Note: The Action and Limit Level of Dissolved oxygen can be referred to **Table 2.7** of the monthly EM &A report.

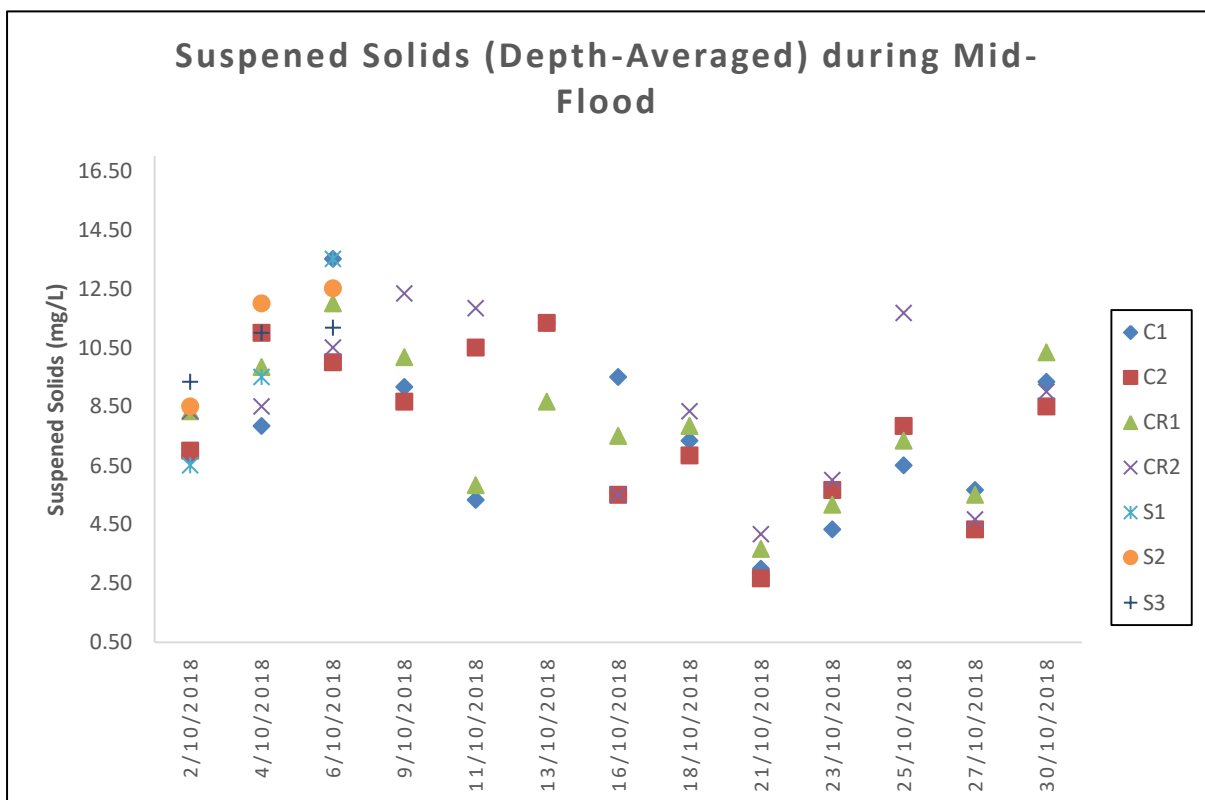
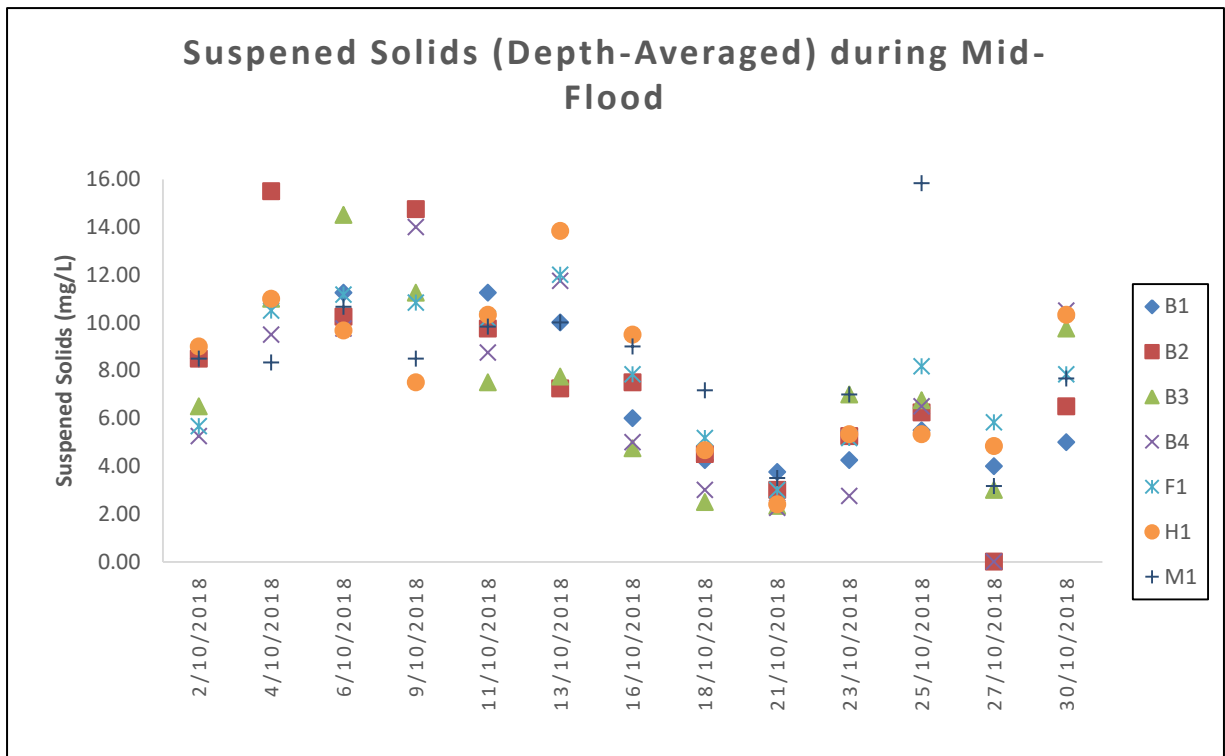




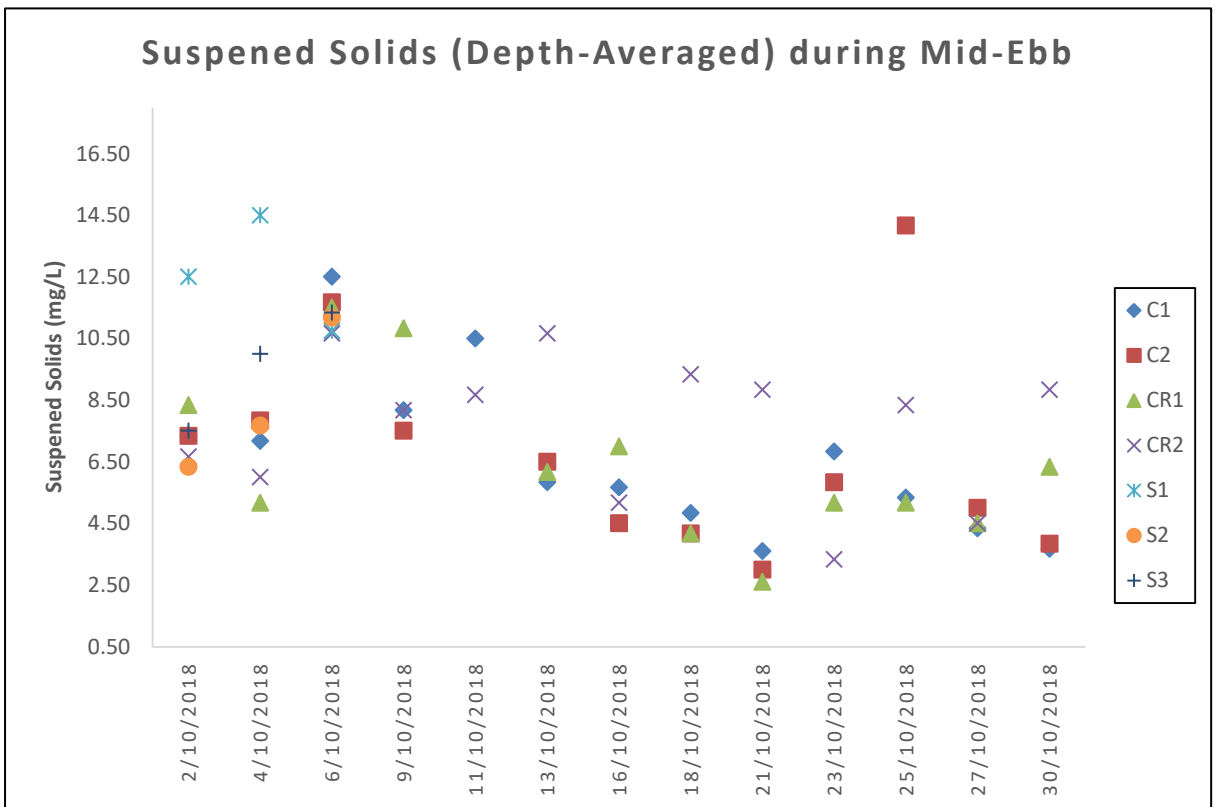
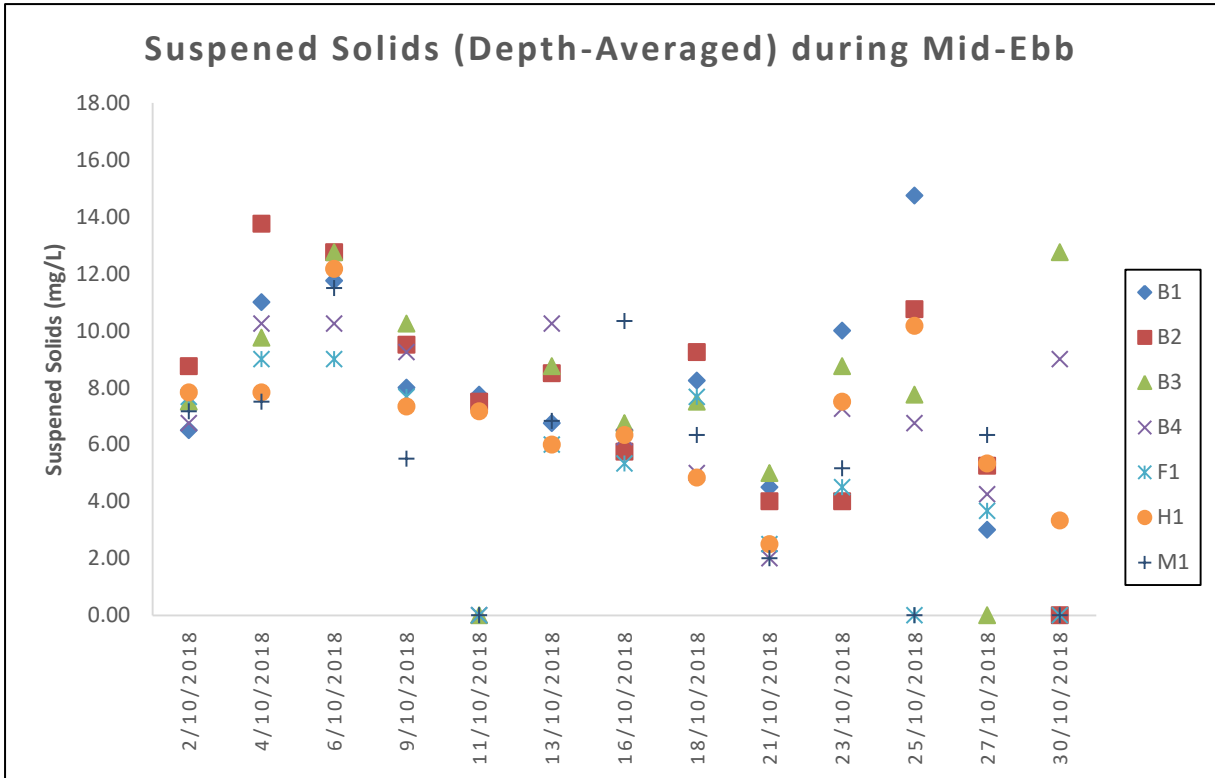
Note: The Action and Limit Level of Turbidity can be referred to **Table 2.7** of the monthly EM &A report



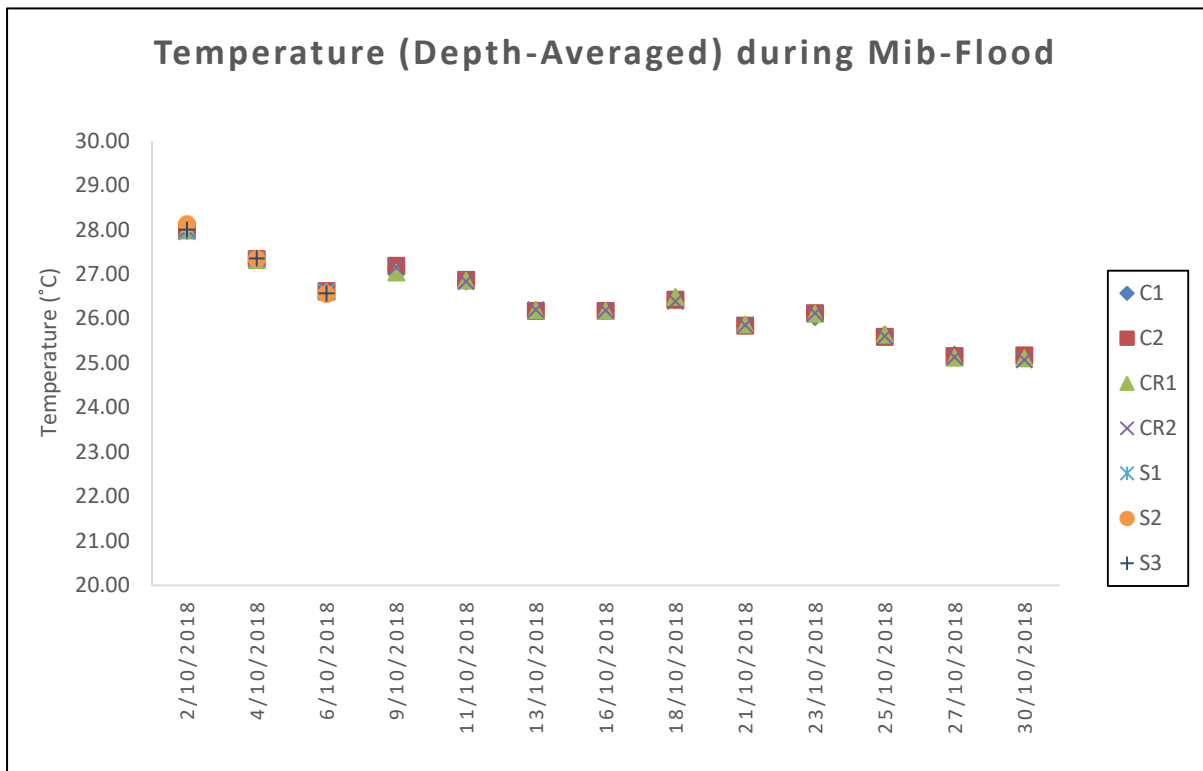
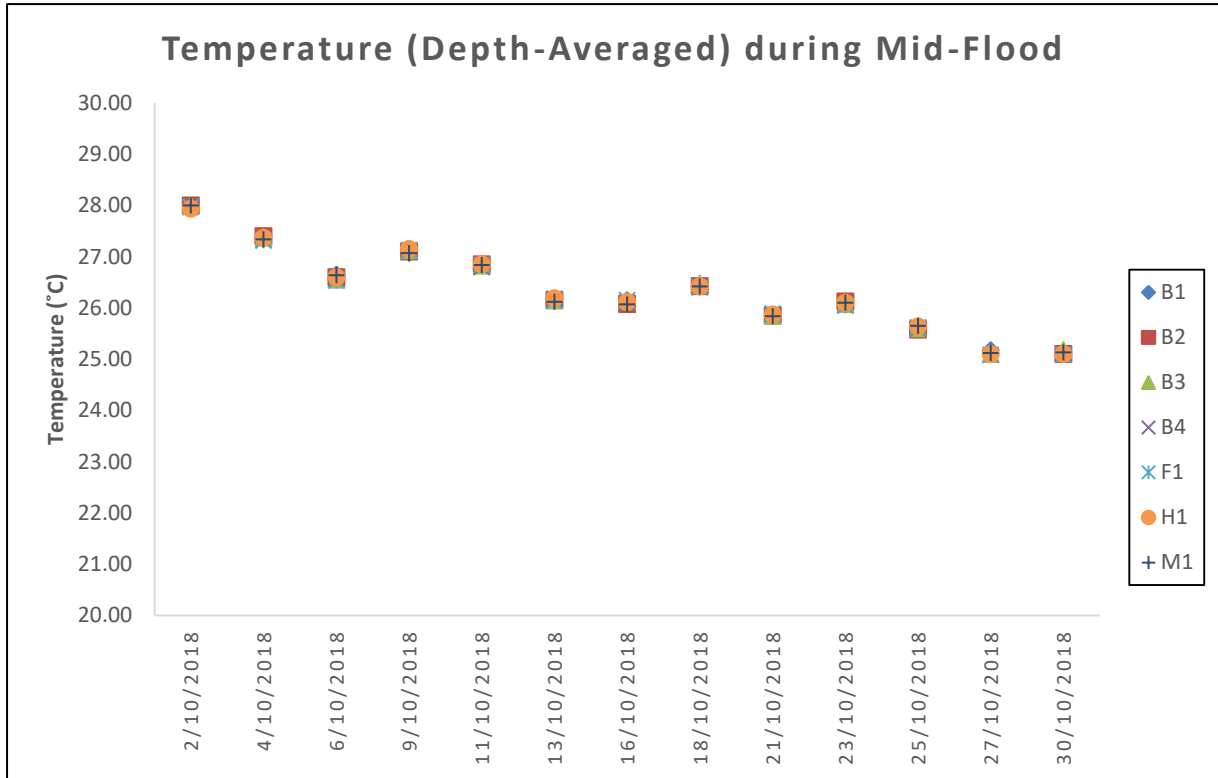
Note: The Action and Limit Level of Turbidity can be referred to **Table 2.7** of the monthly EM &A report



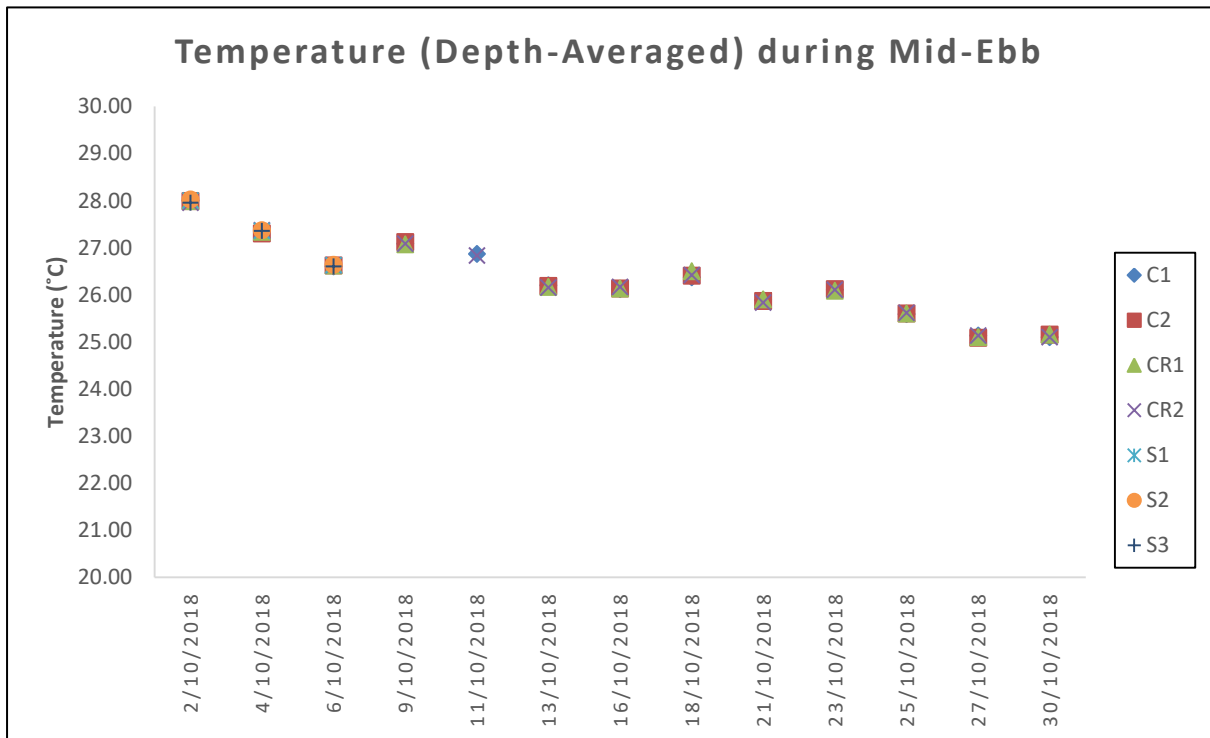
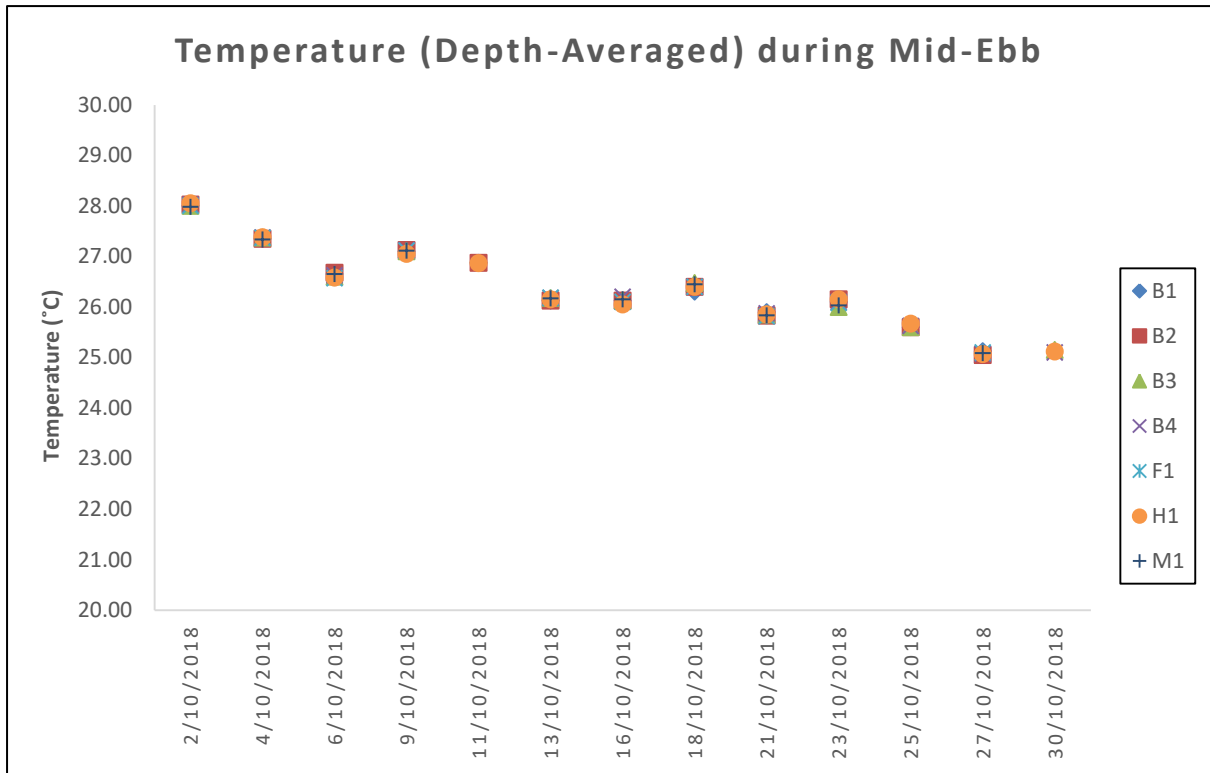
Note: The Action and Limit Level of Suspended Solids can be referred to **Table 2.7** of the monthly EM &A report



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

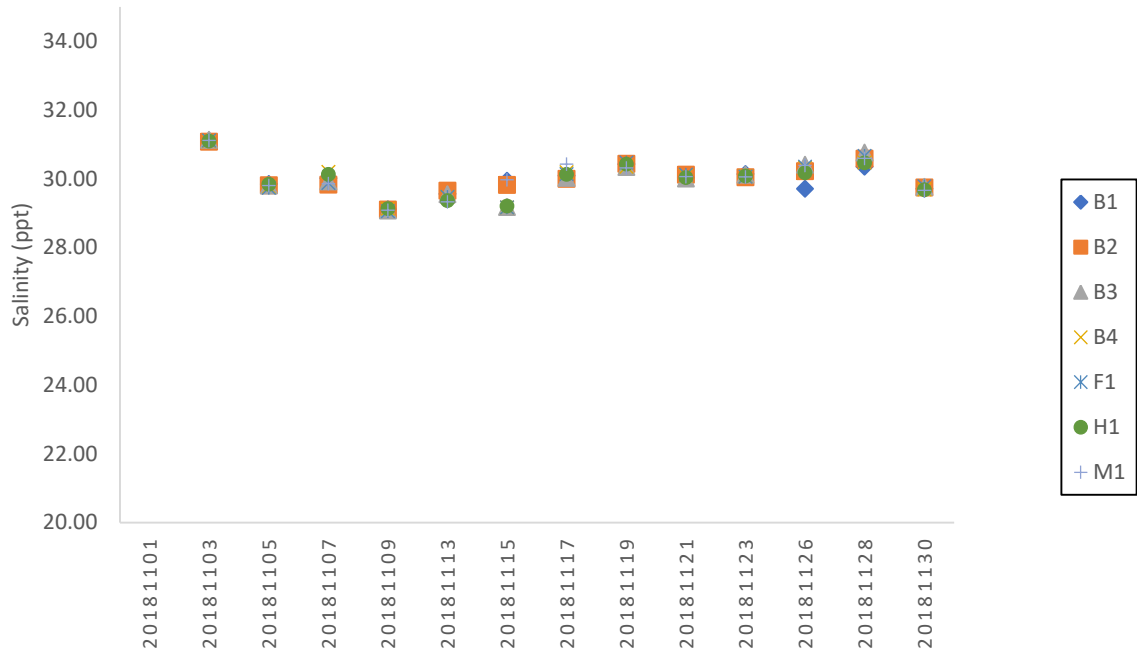


Note: The Action and Limit Level of Temperature can be referred to **Table 2.7** of the monthly EM &A report.

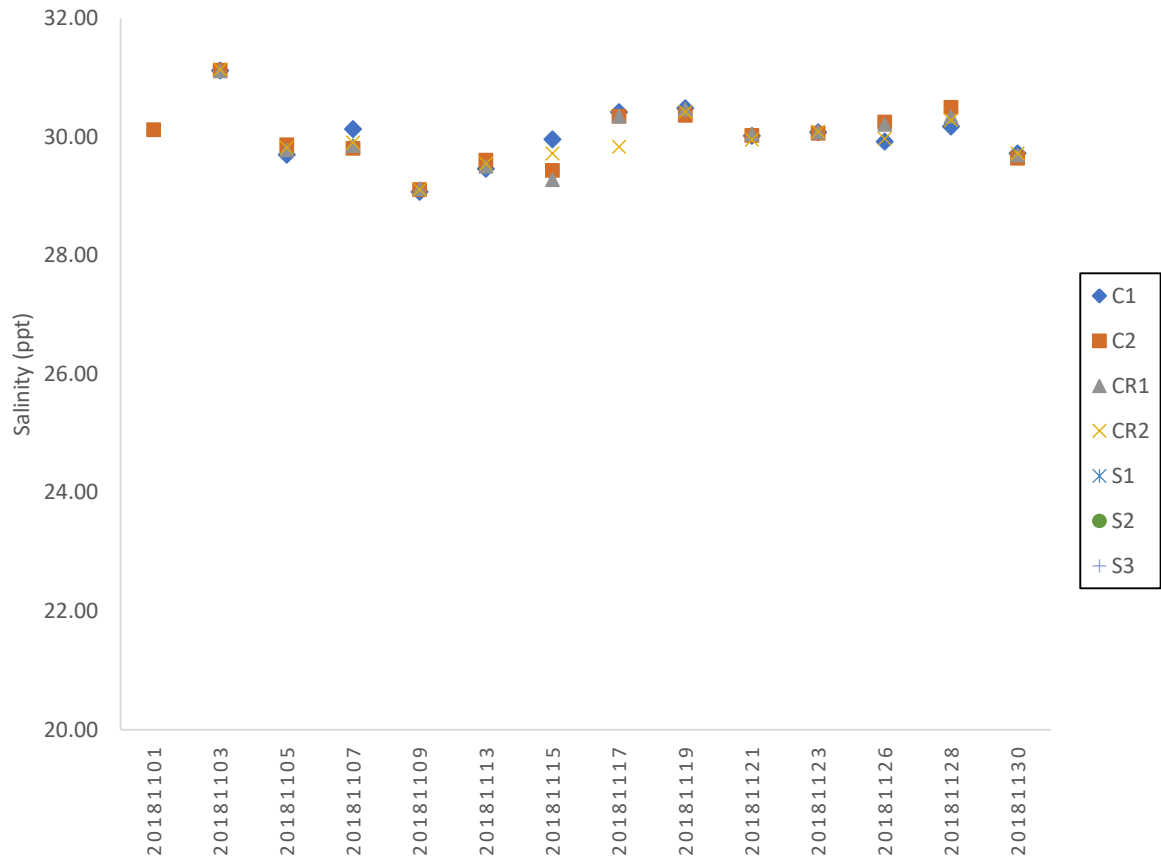


Note: The Action and Limit Level of Temperature can be referred to **Table 2.7** of the monthly EM &A report

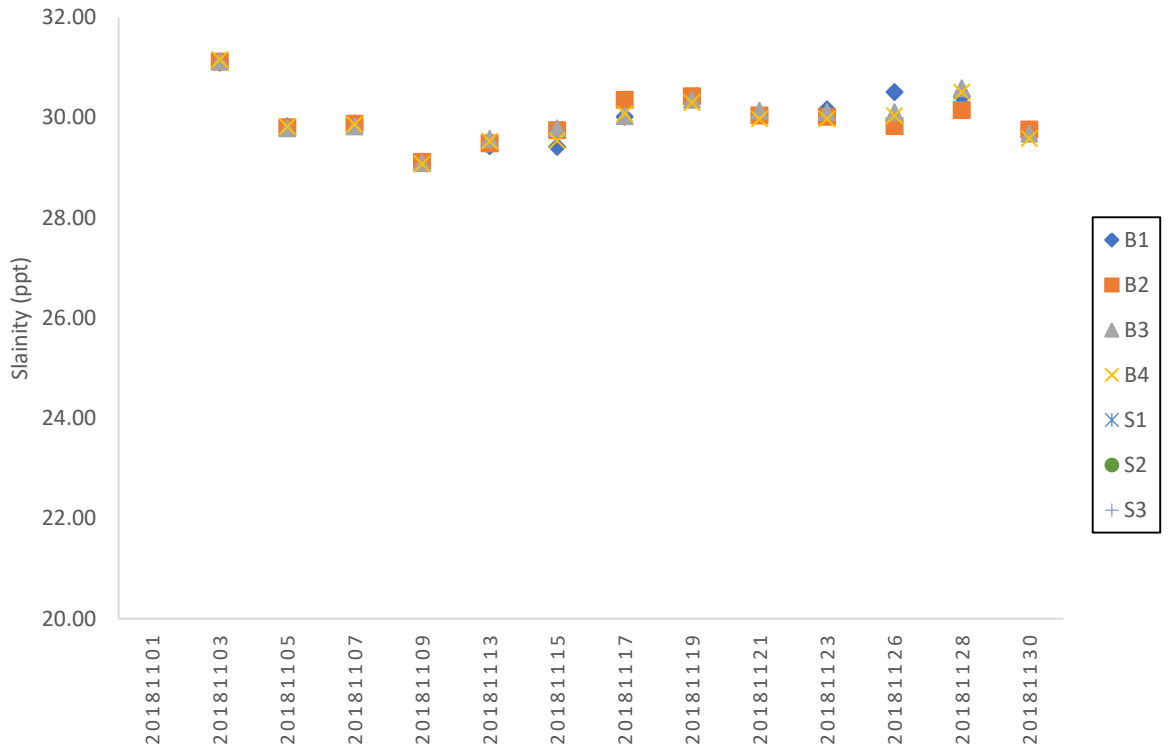
Salinity (Depth-averaged) during Mid-Flood



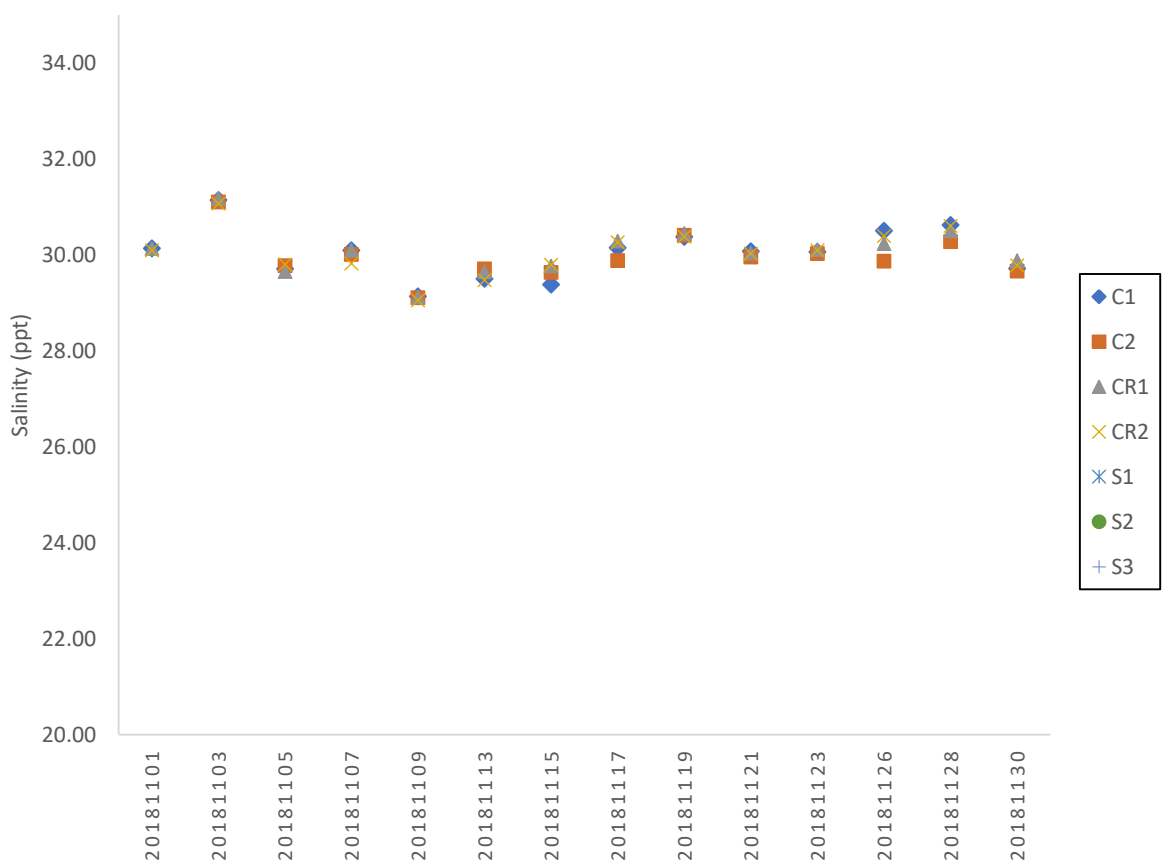
Salinity (Depth-averaged) during Mid-Flood

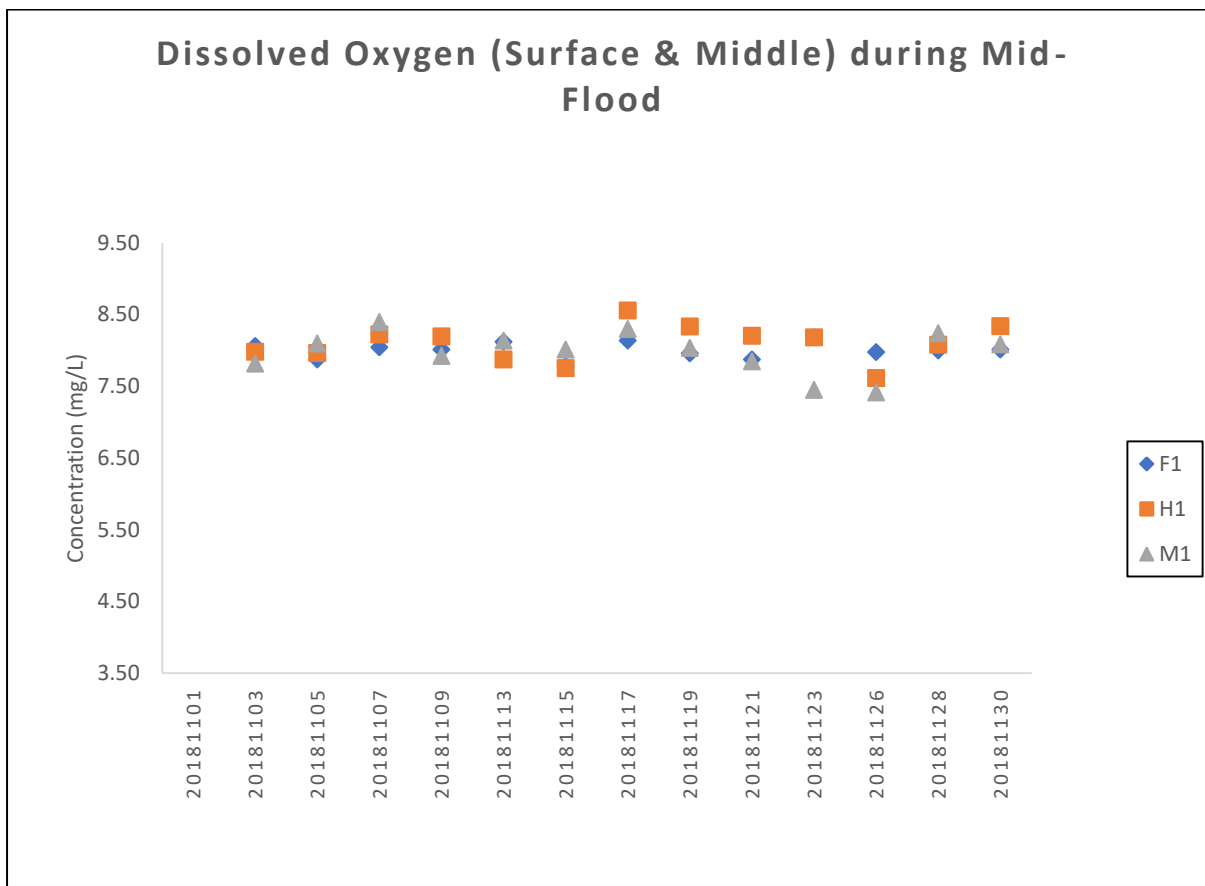
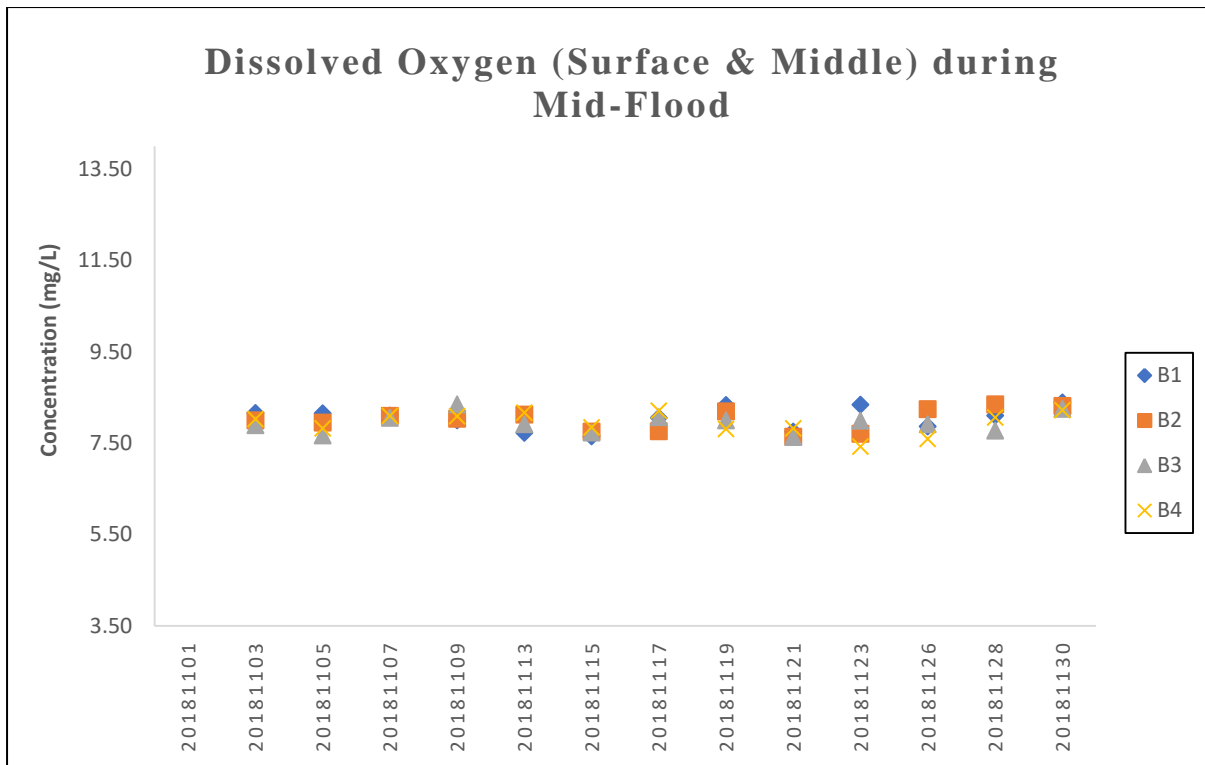


Salinity (Depth-averaged) during Mid-Ebb

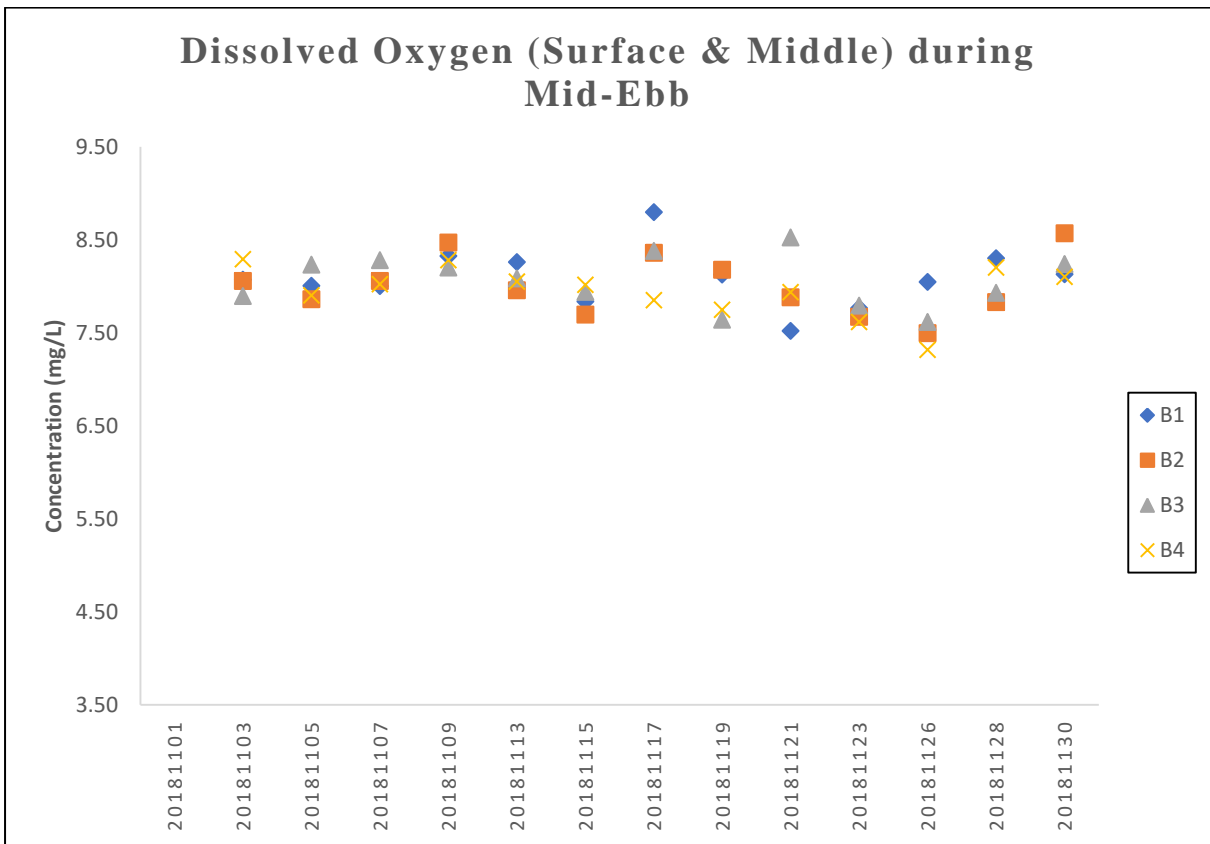
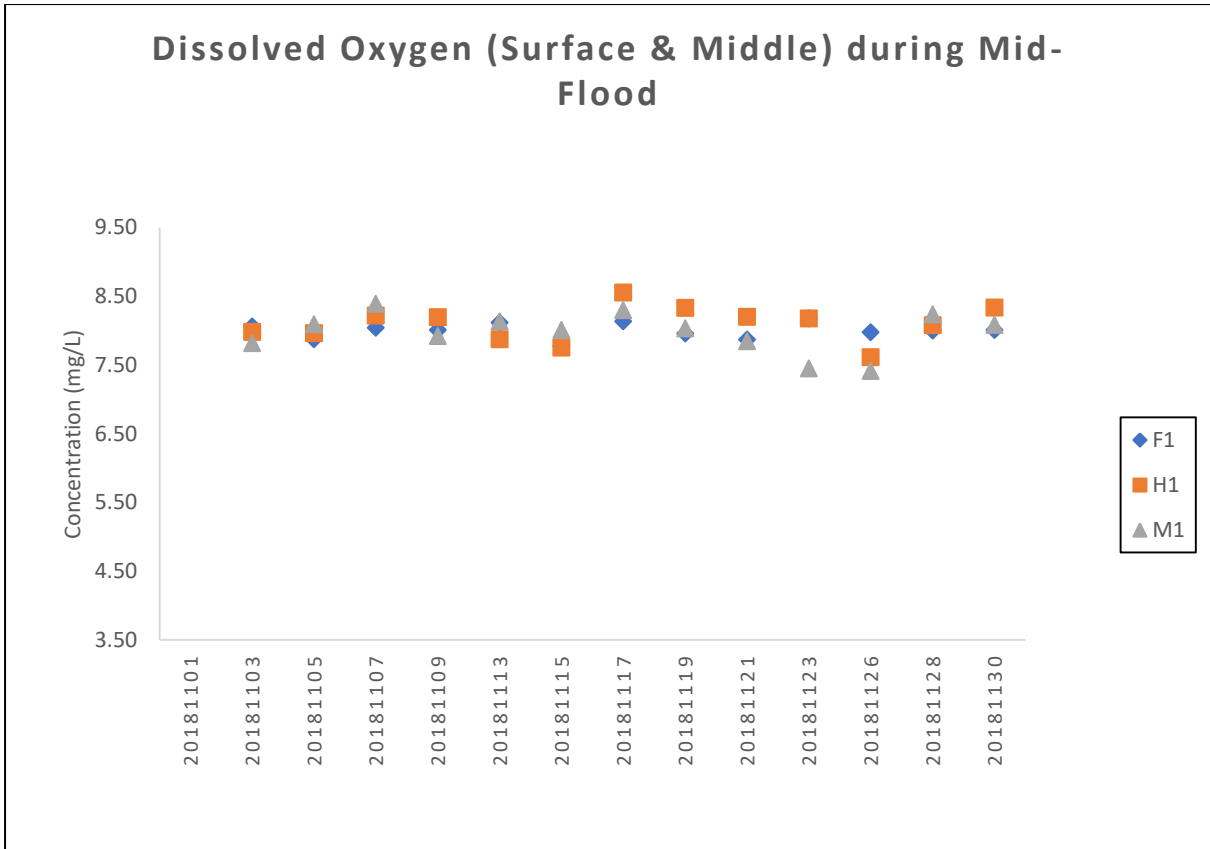


Salinity (Depth-averaged) during Mid-Ebb

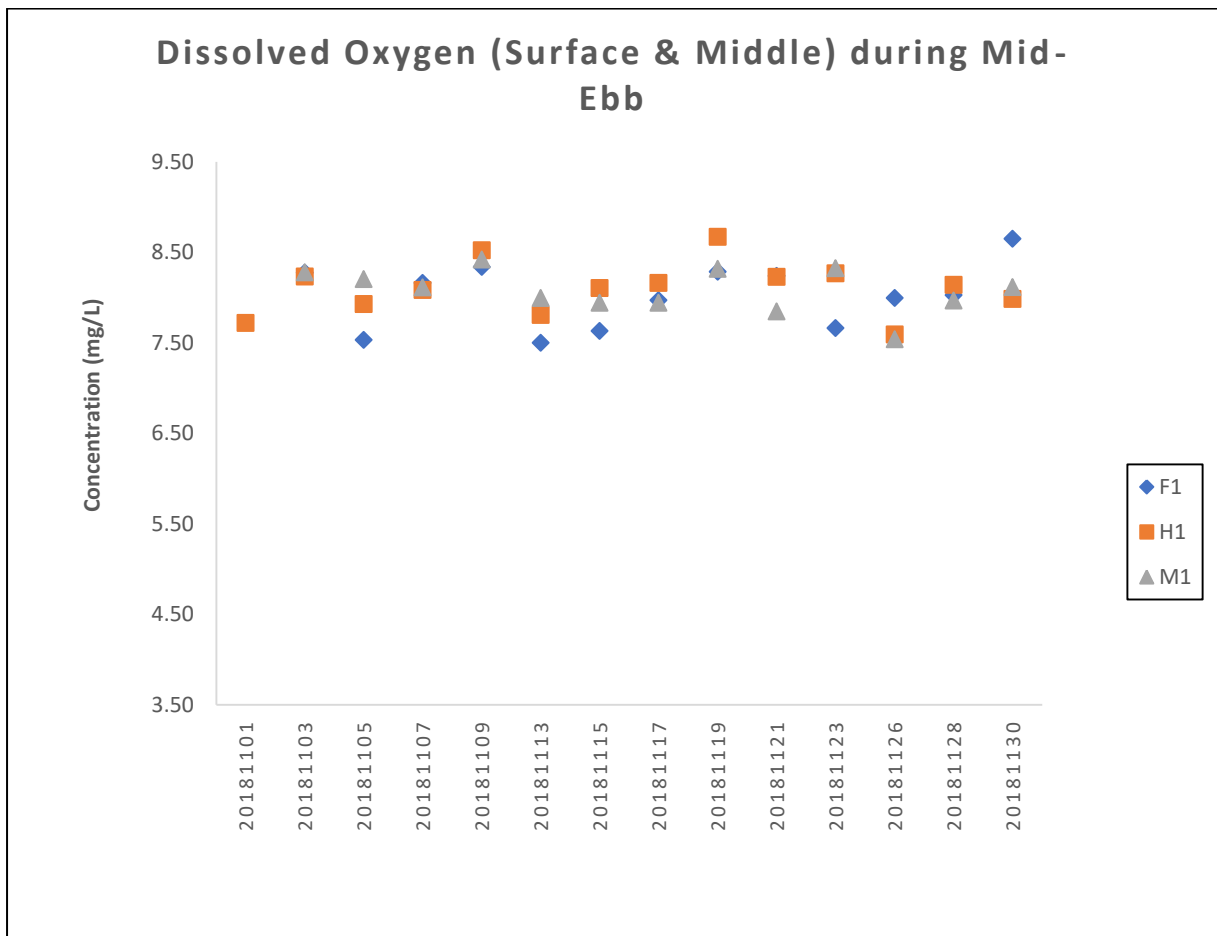
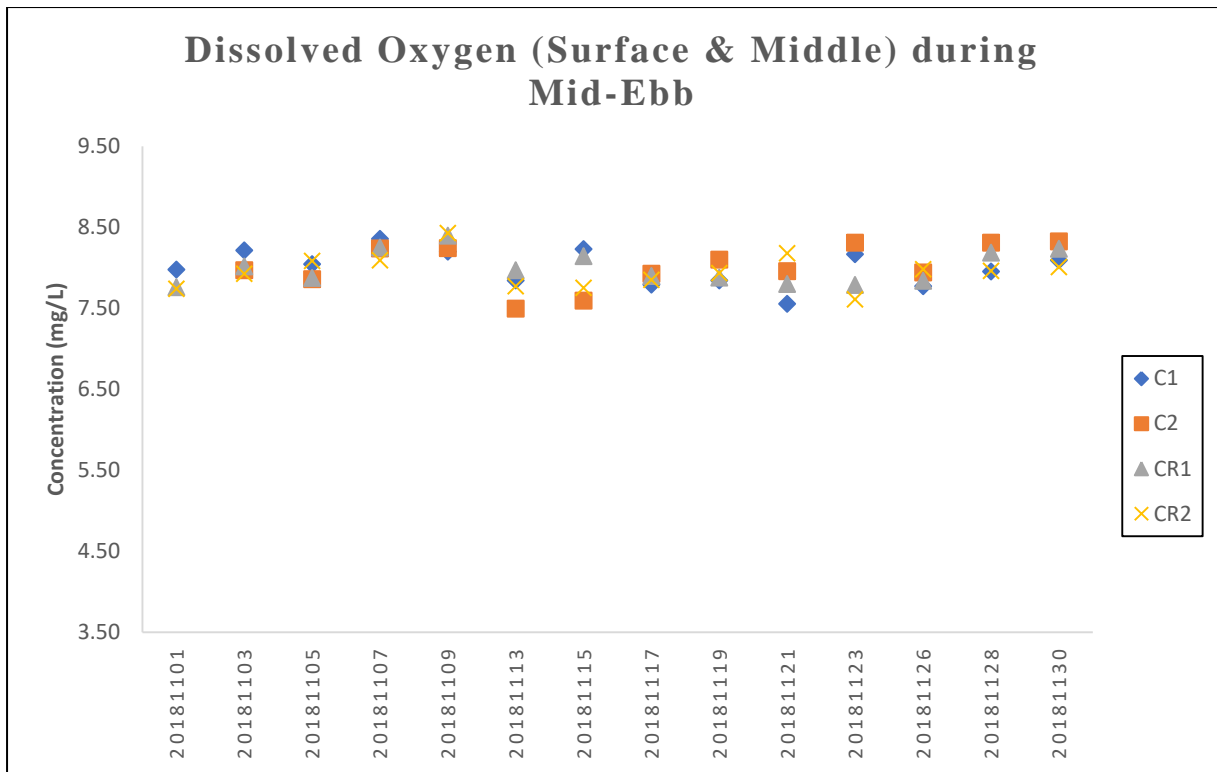




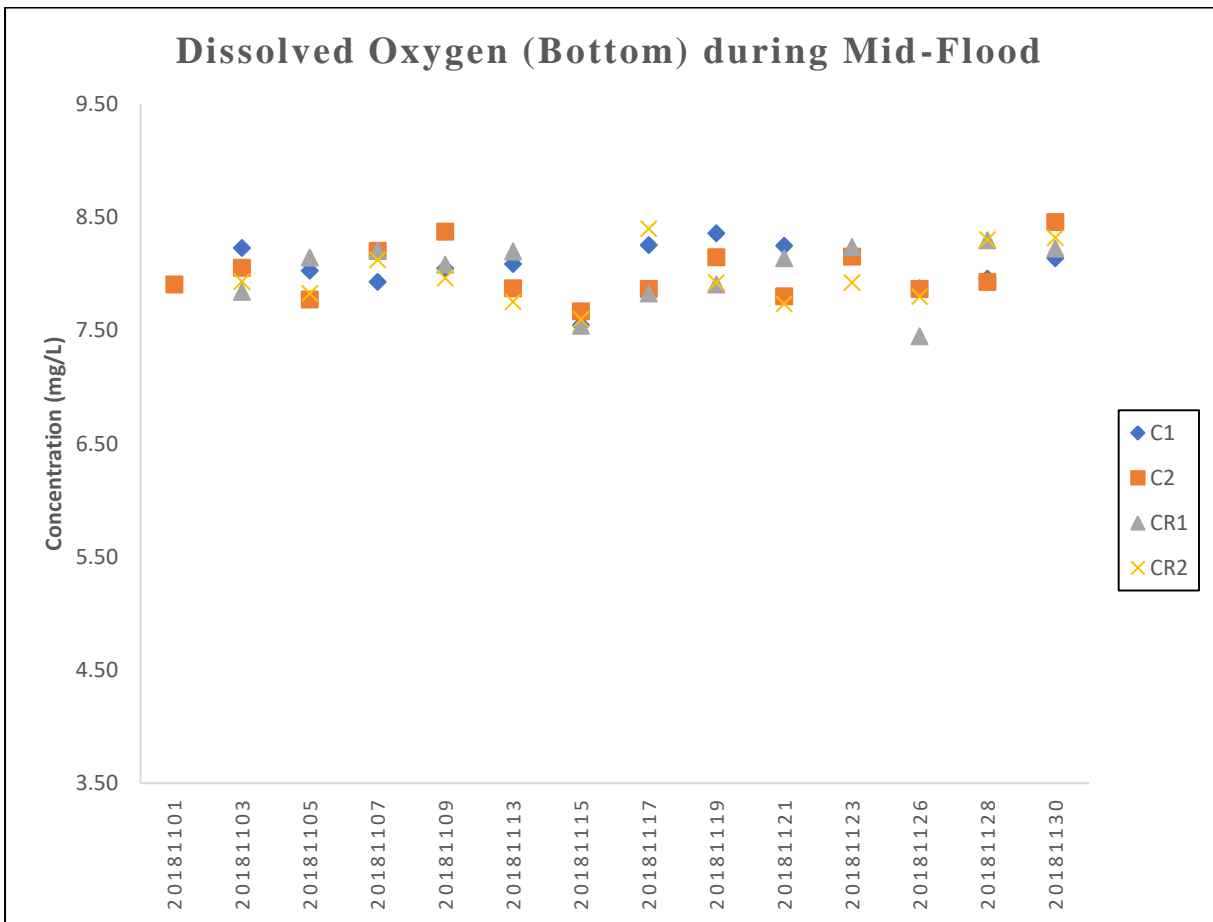
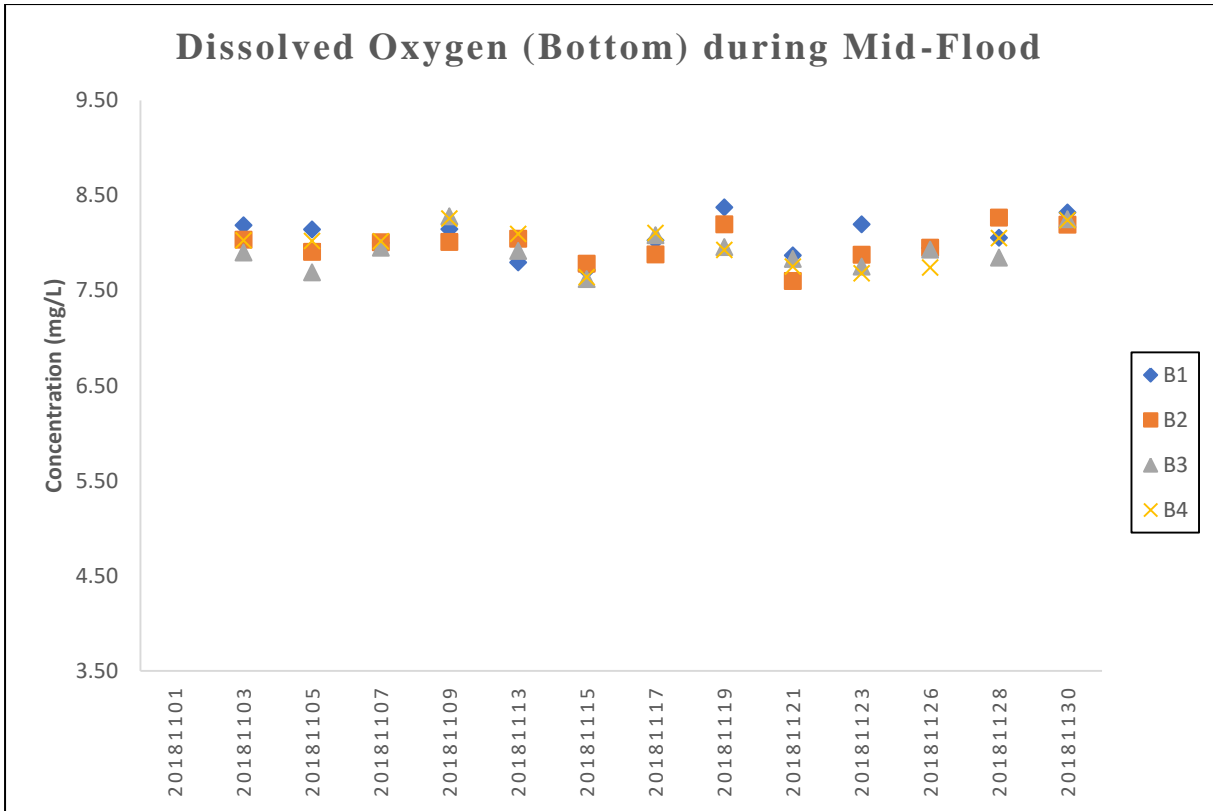
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



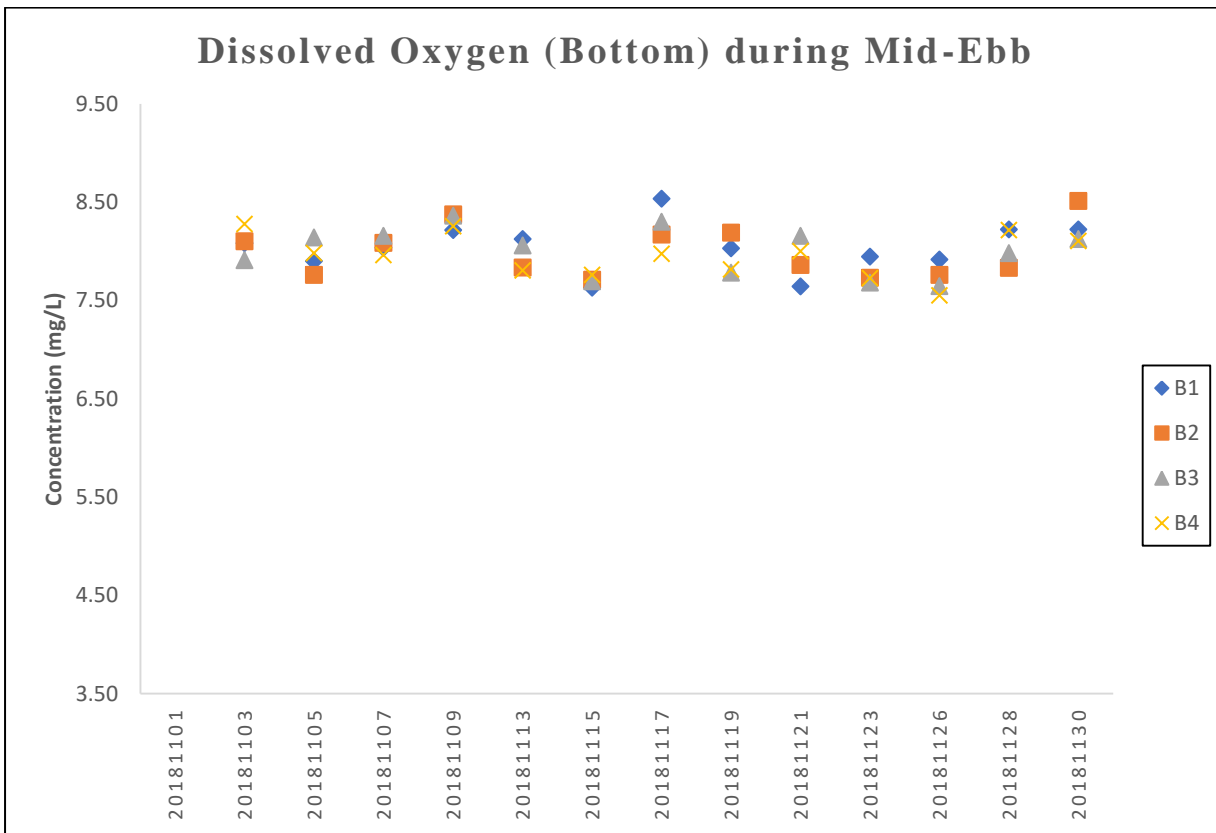
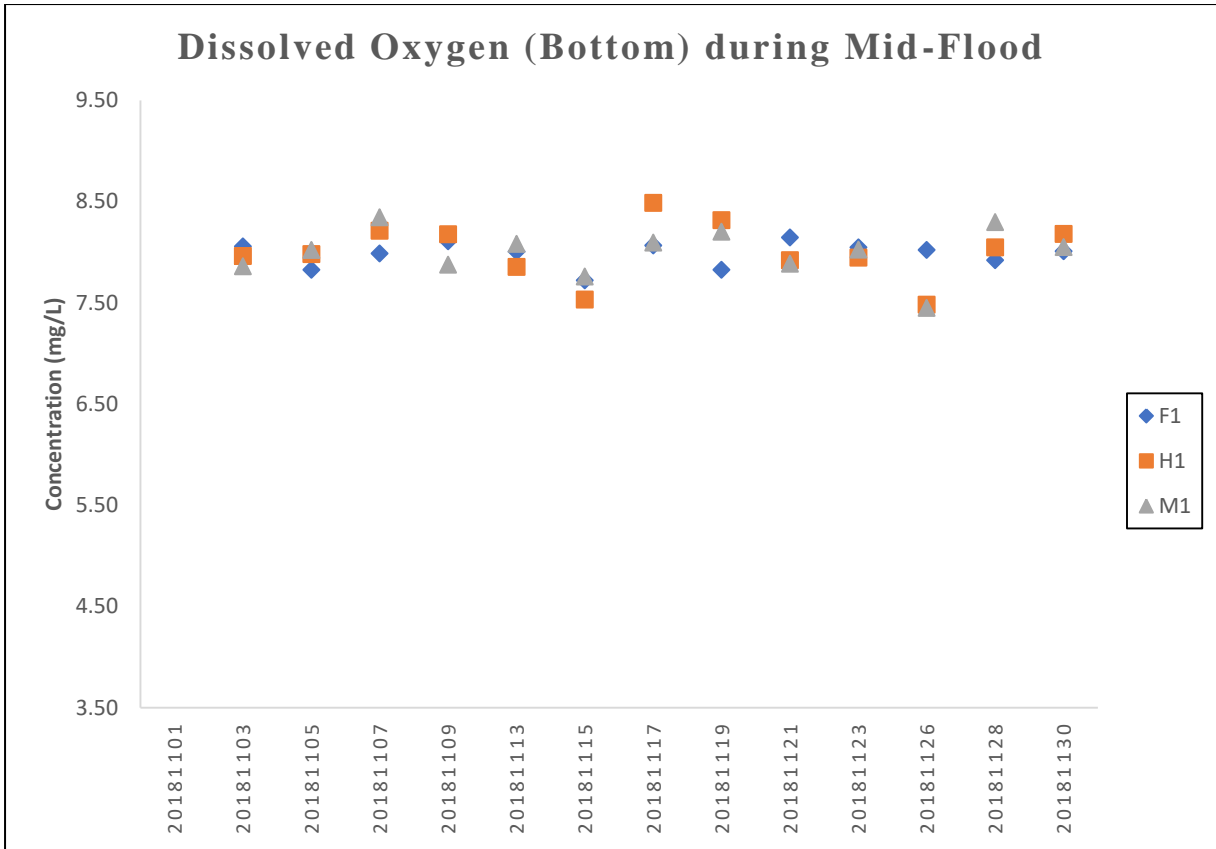
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



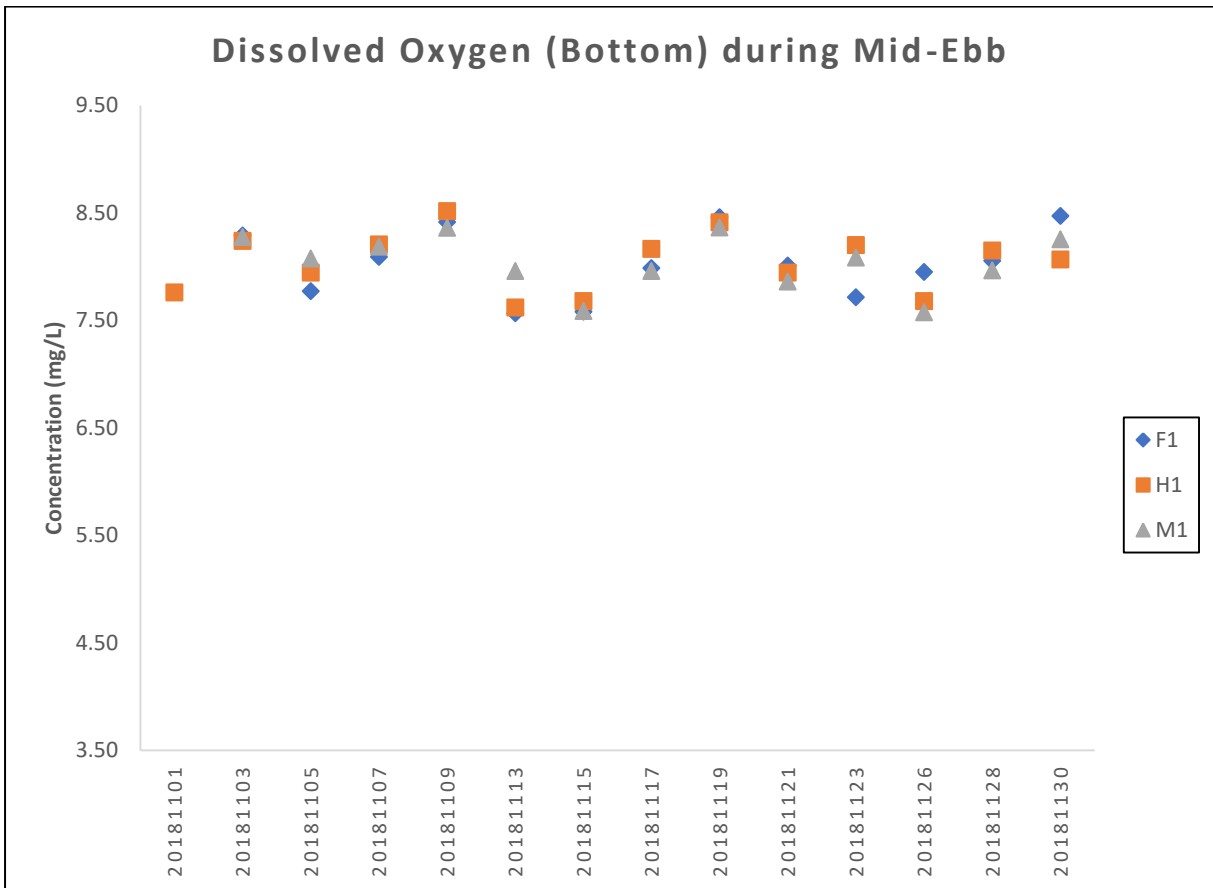
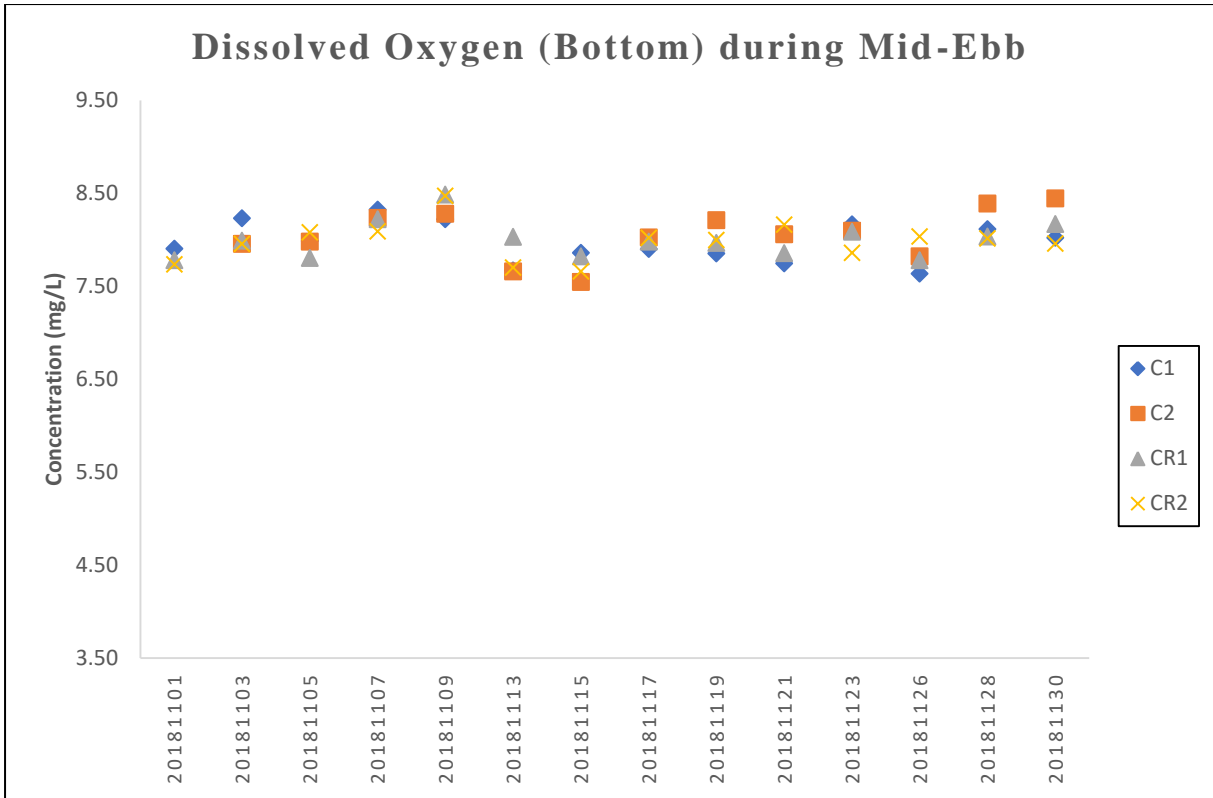
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



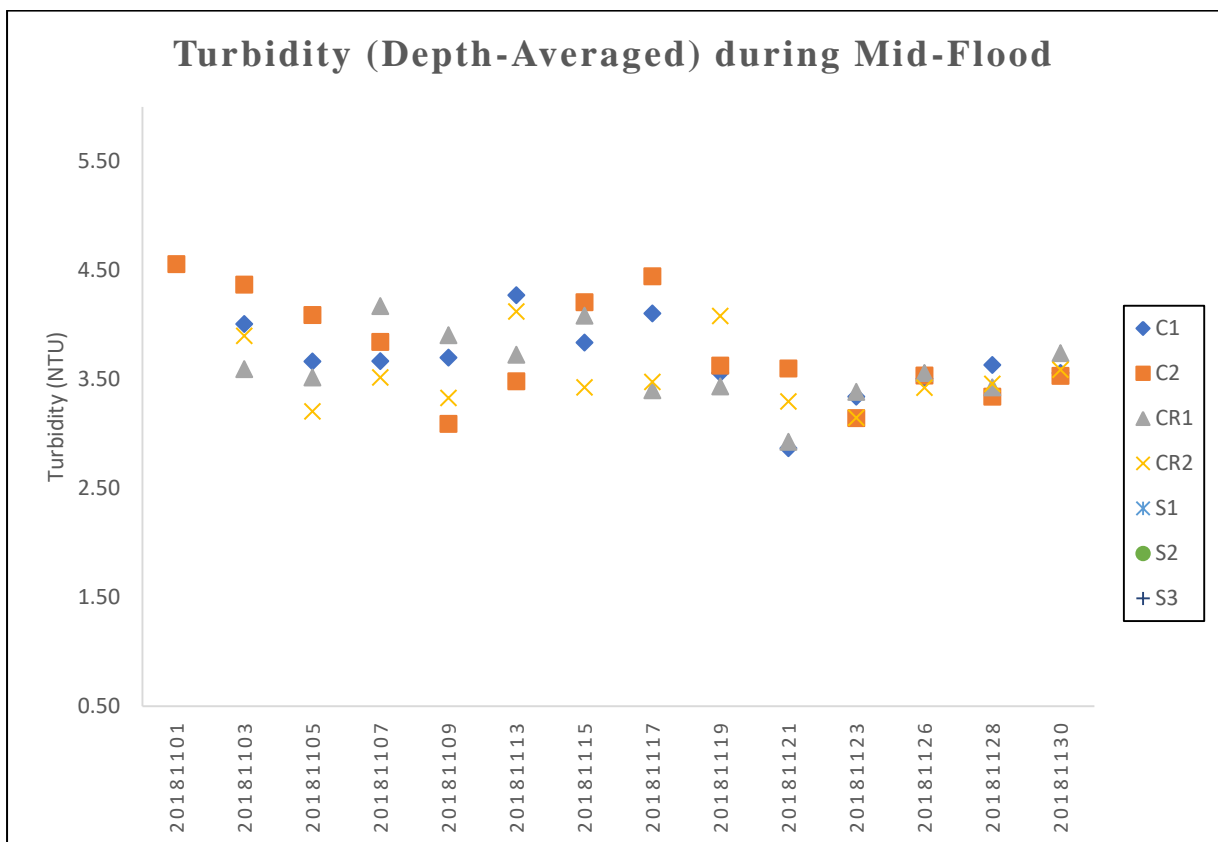
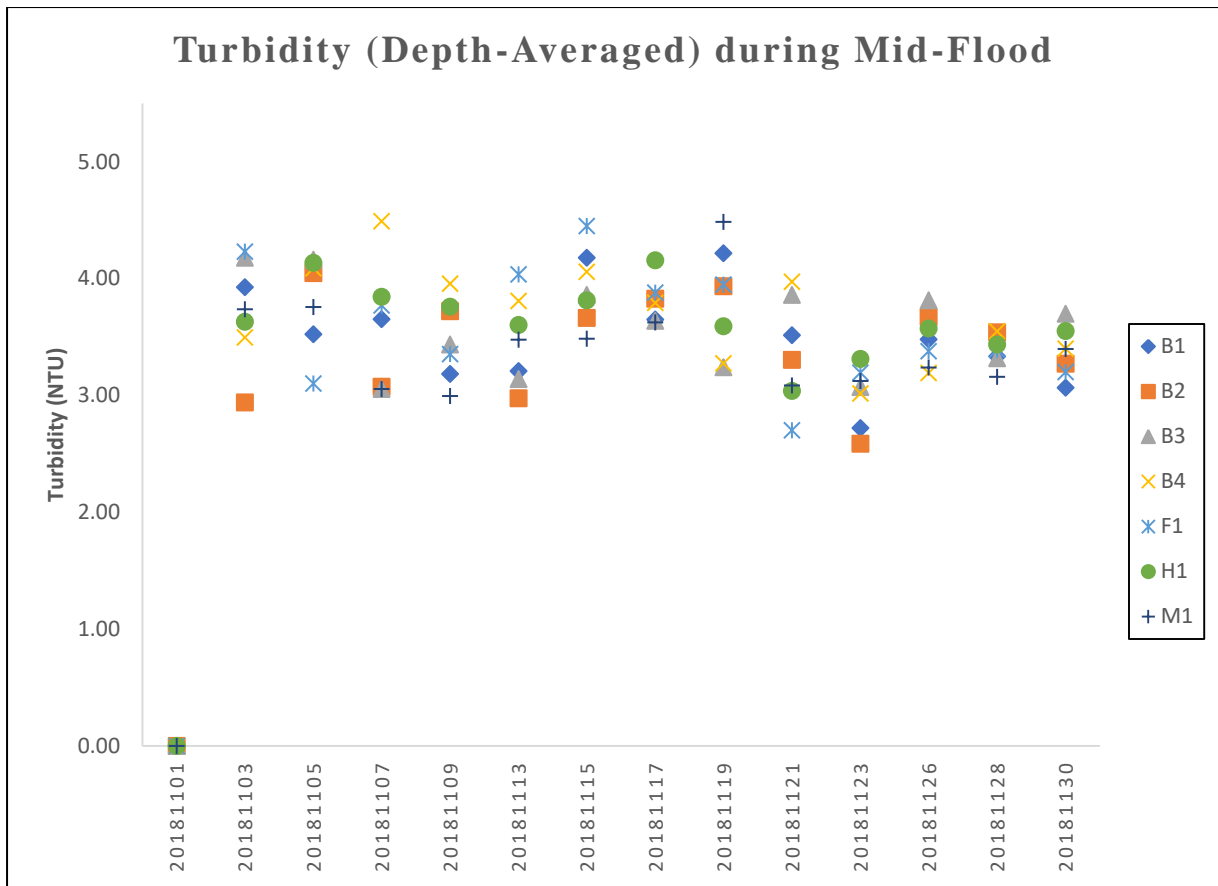
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



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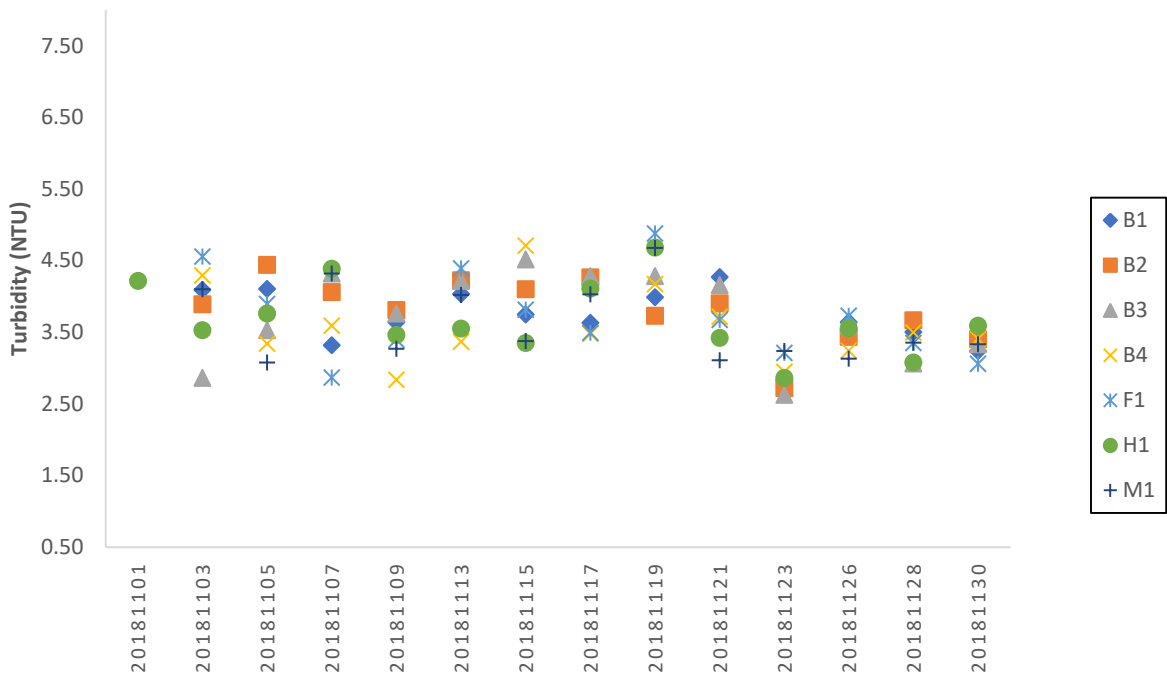


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

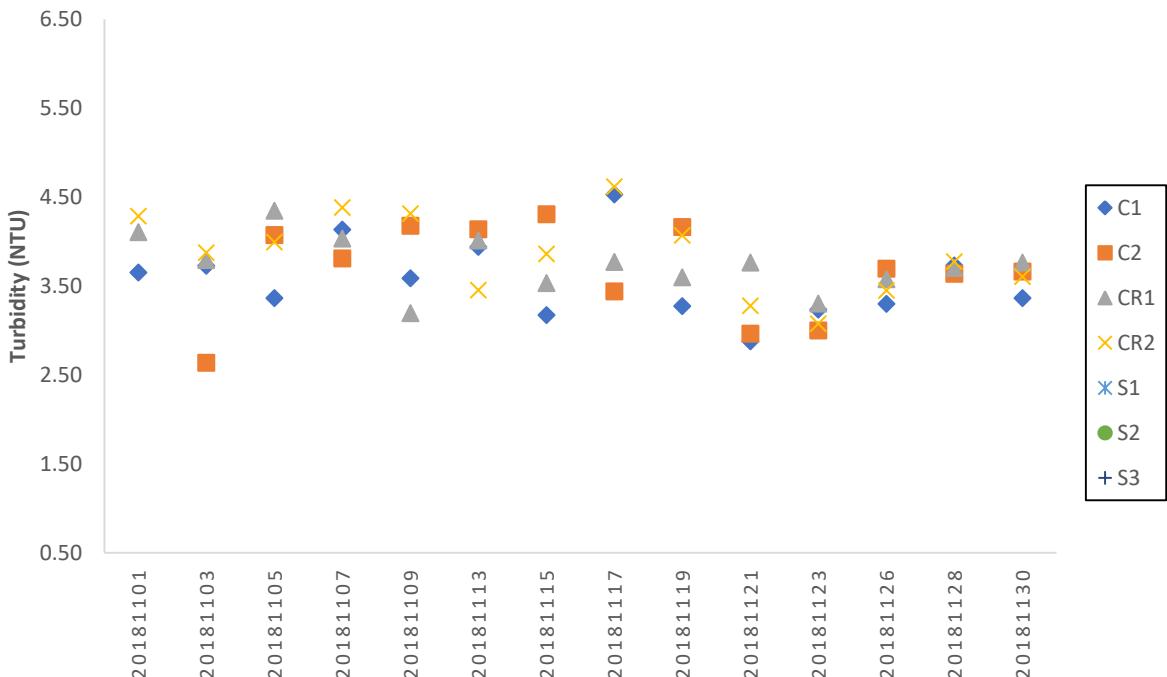


Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.

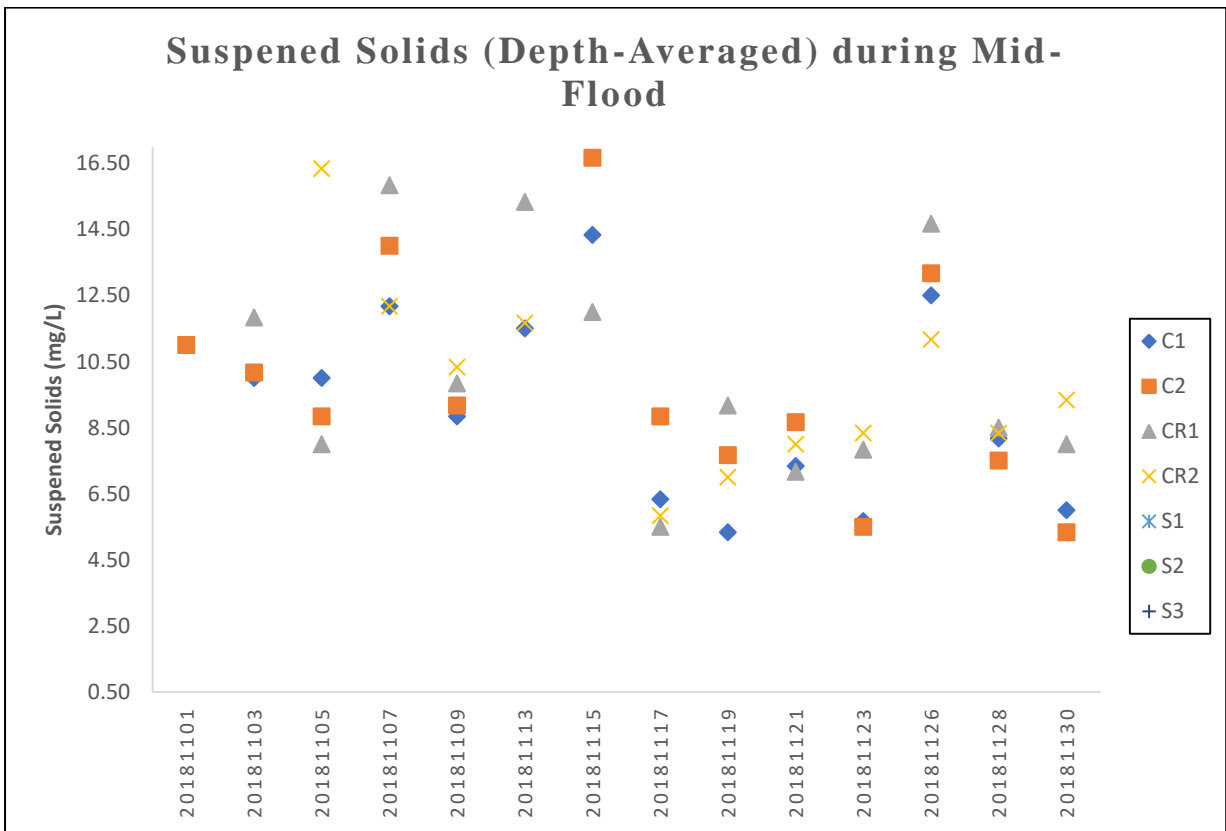
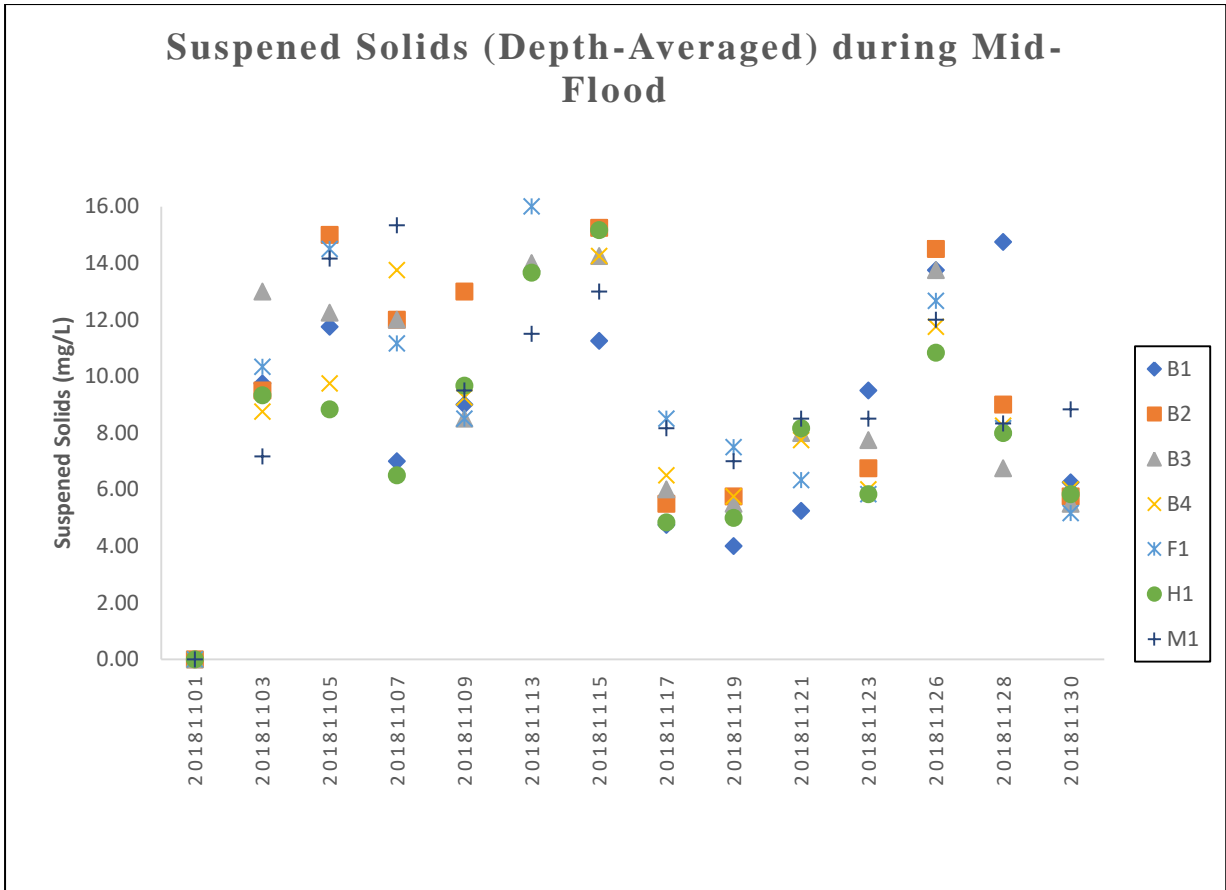
Turbidity (Depth-Averaged) during Mib-Ebb



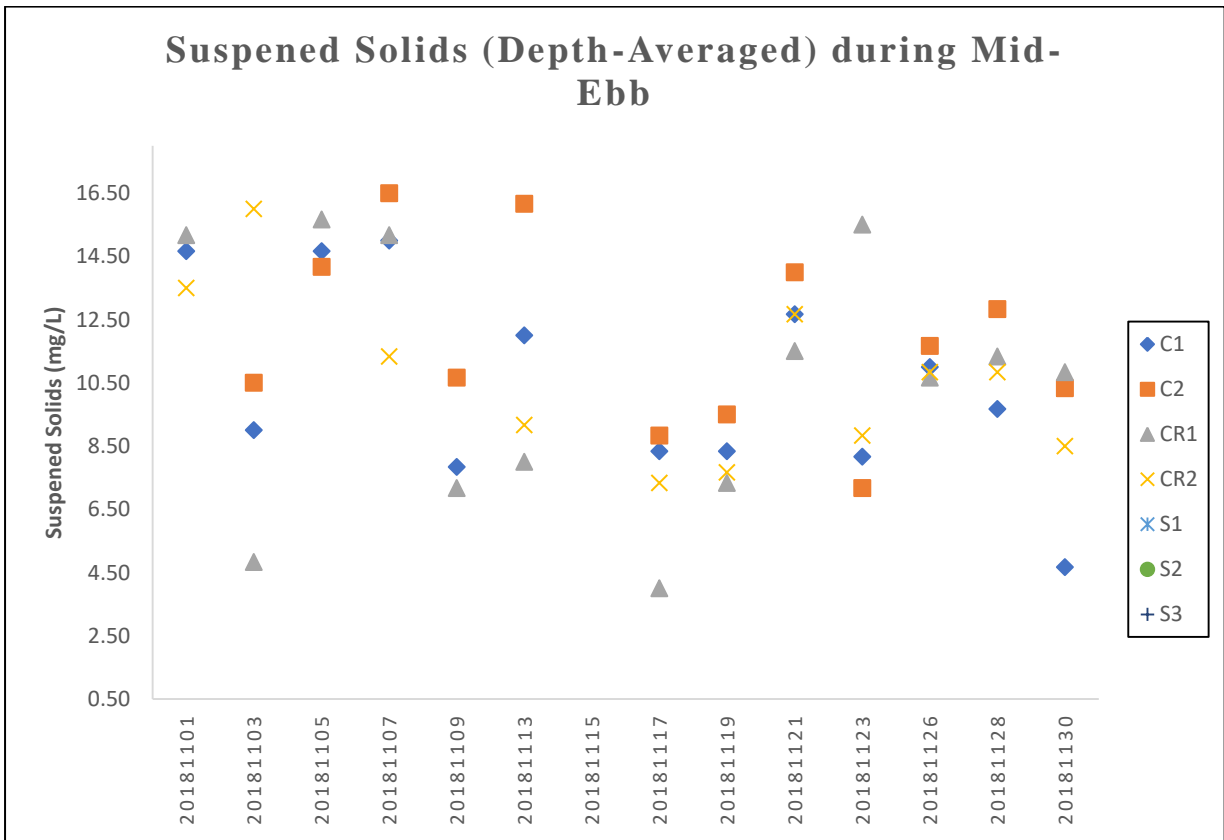
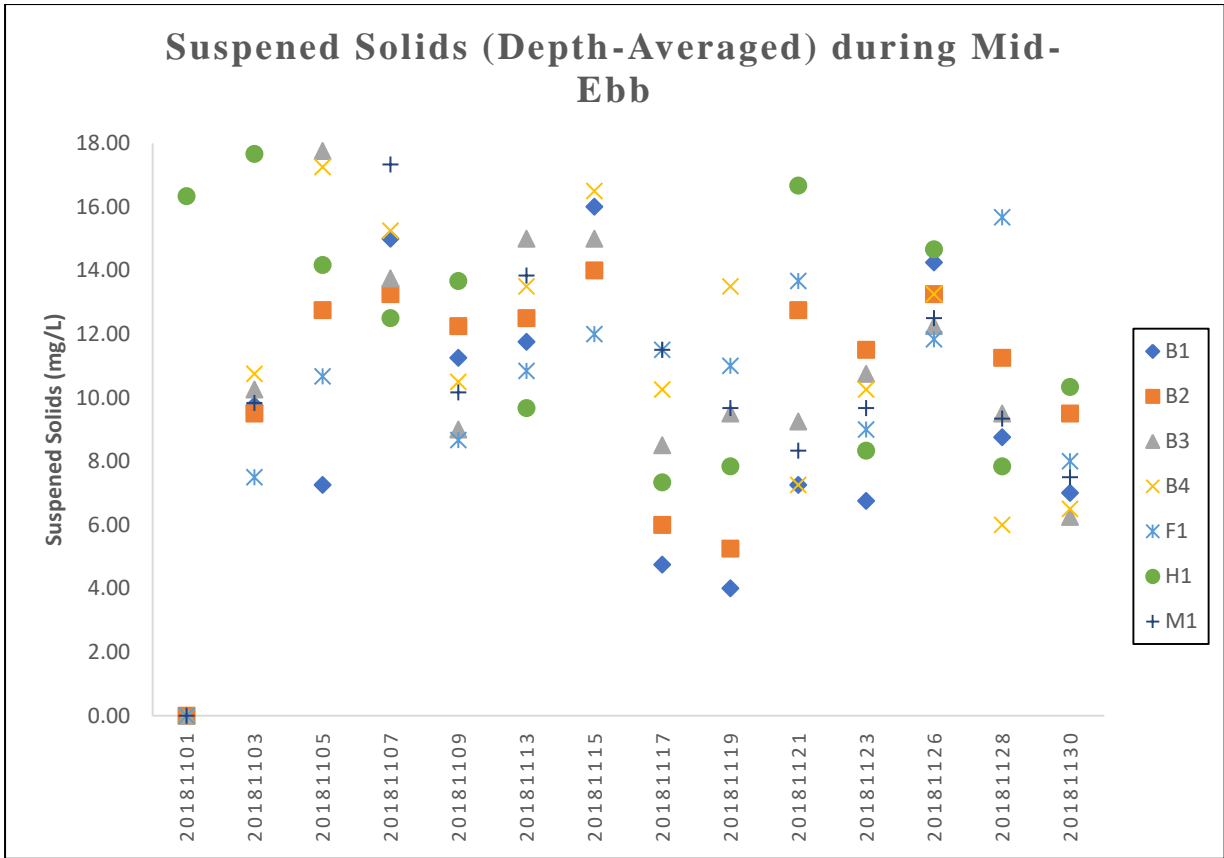
Turbidity (Depth-Averaged) during Mid-Ebb



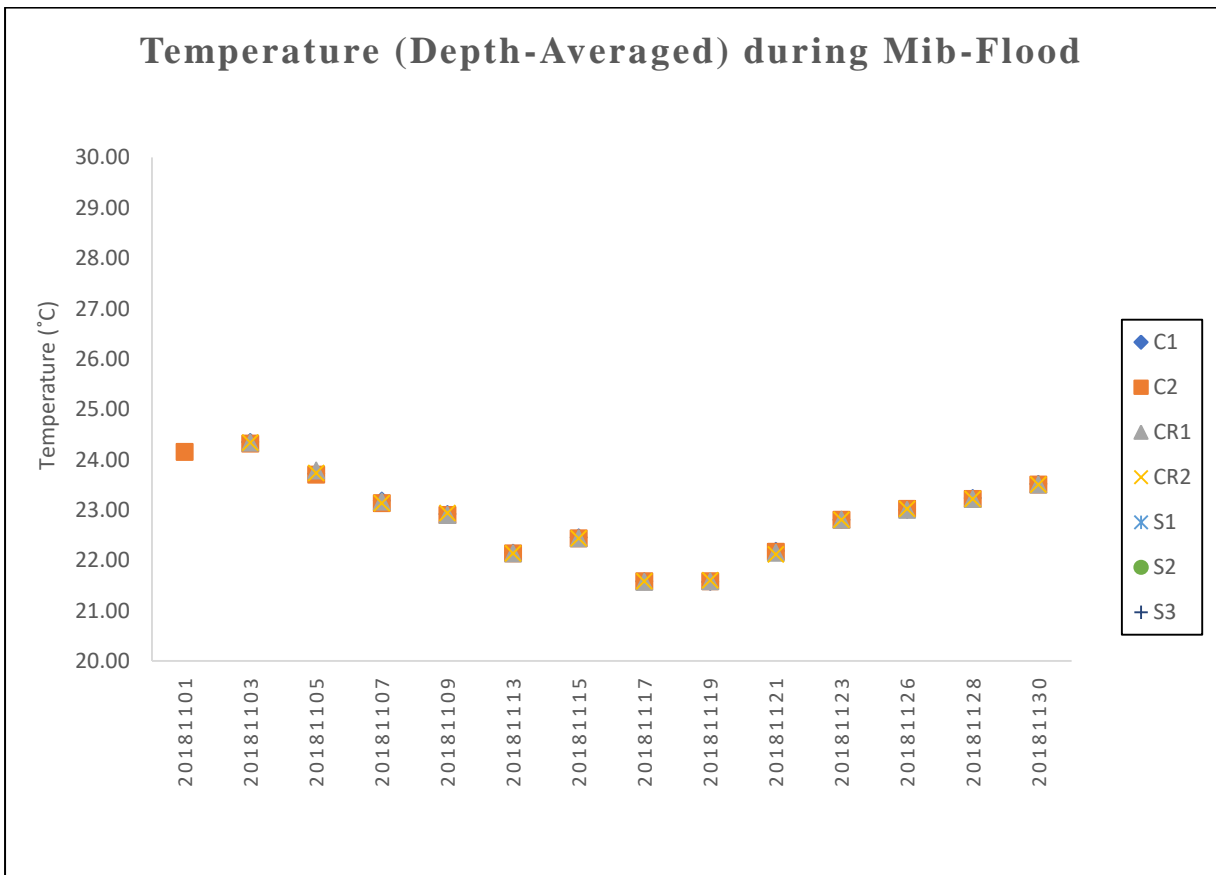
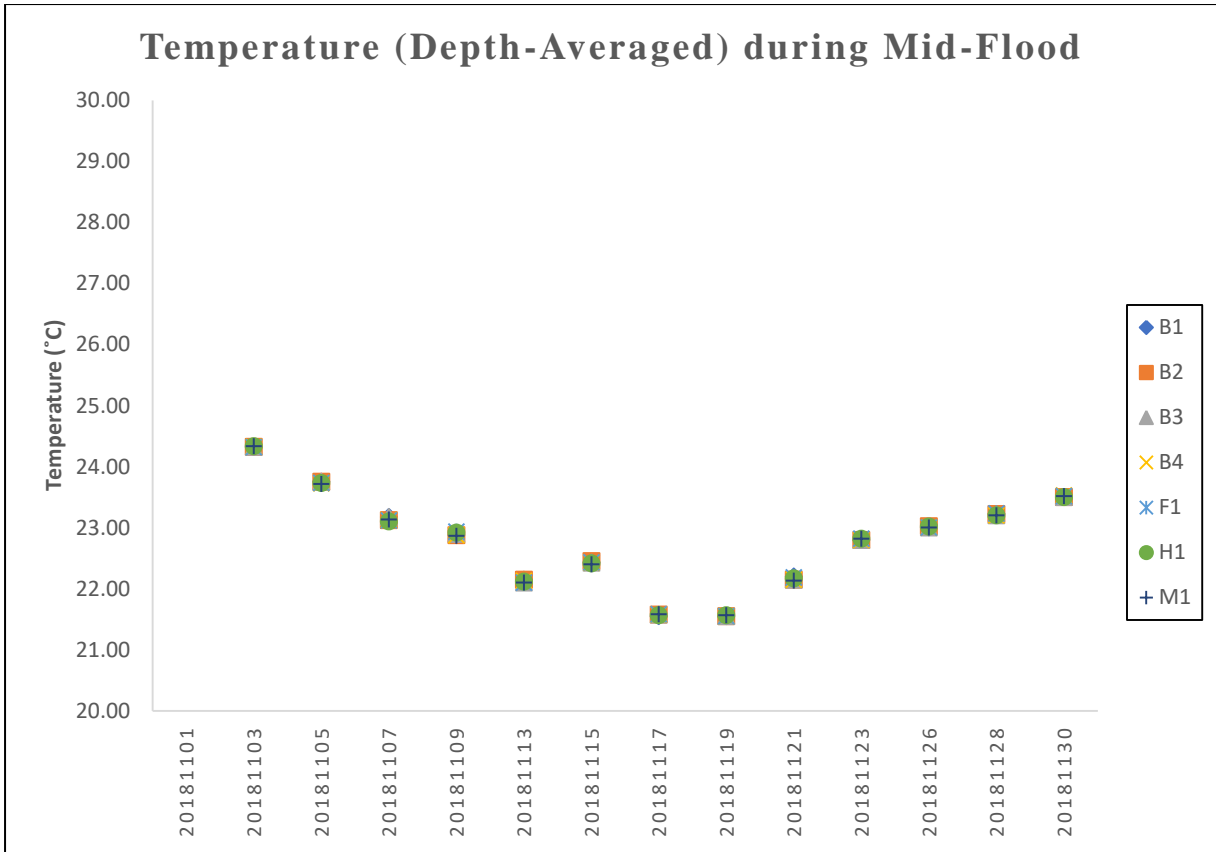
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



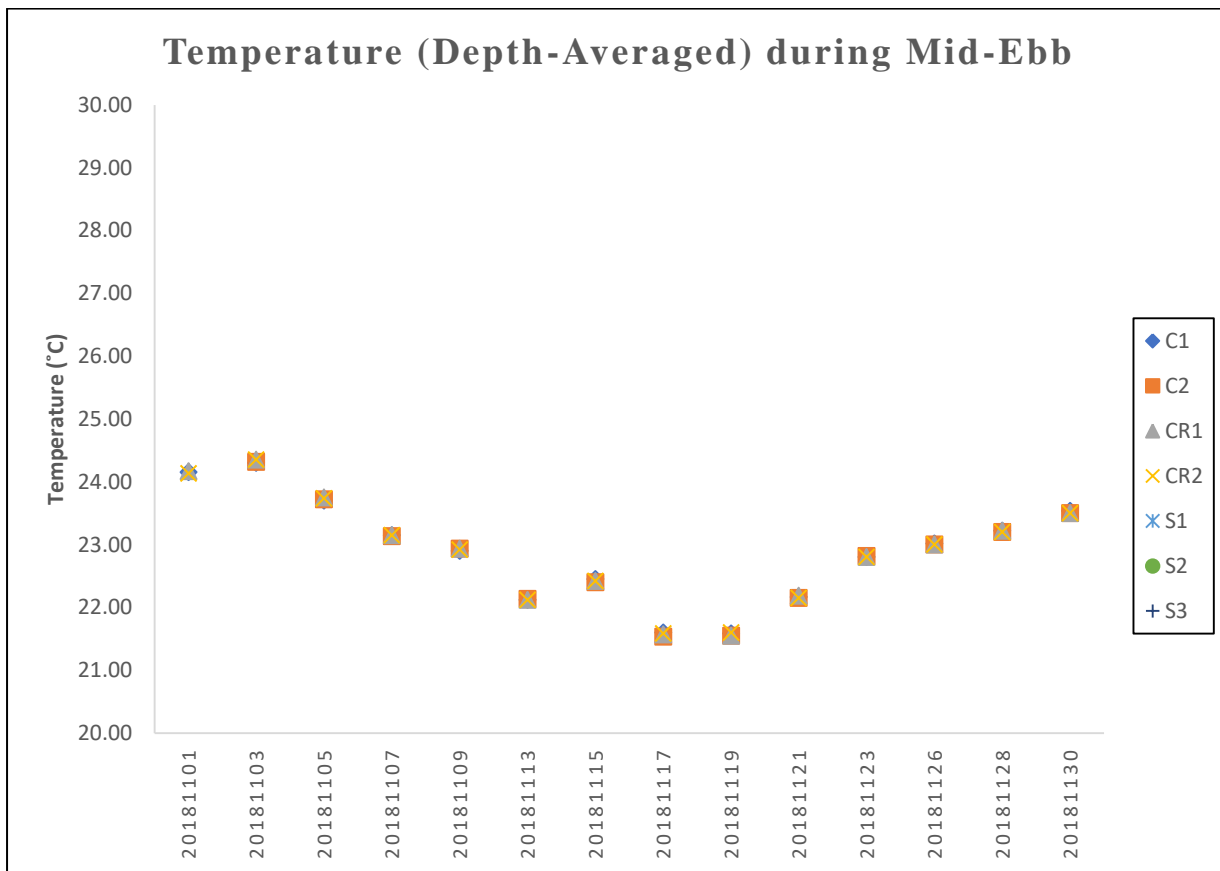
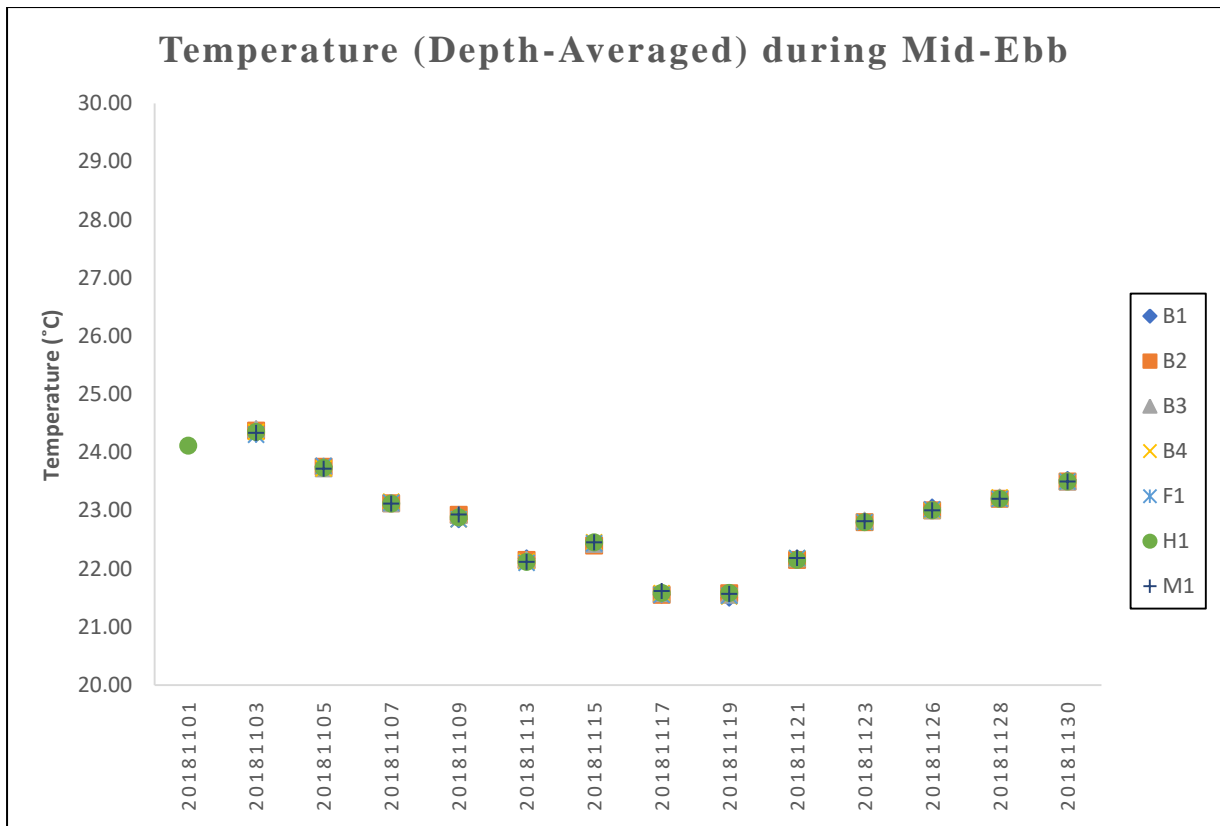
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



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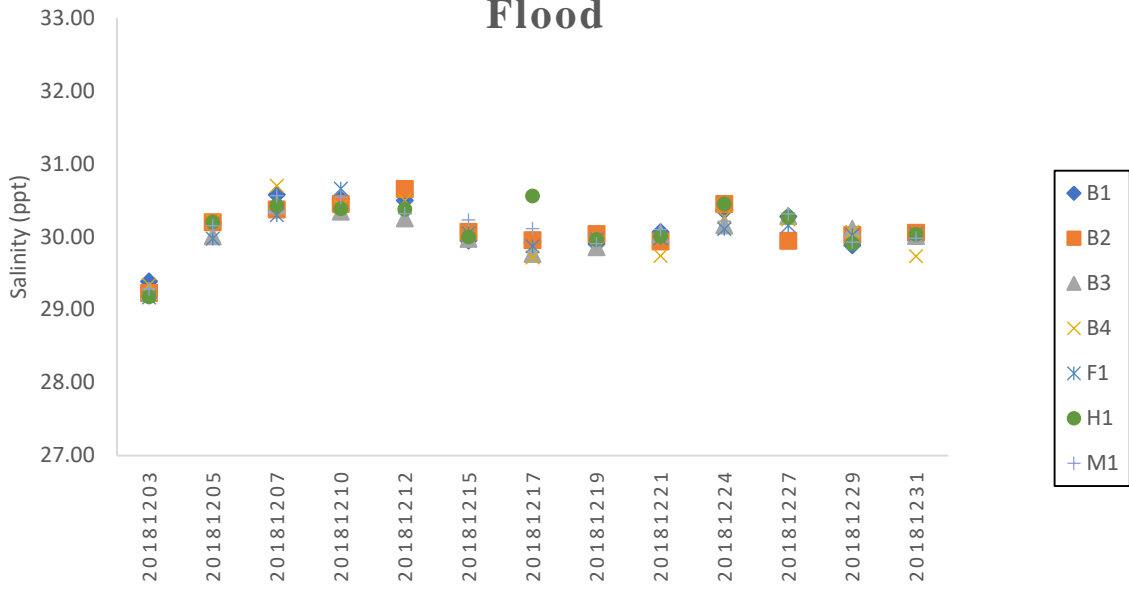


Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.

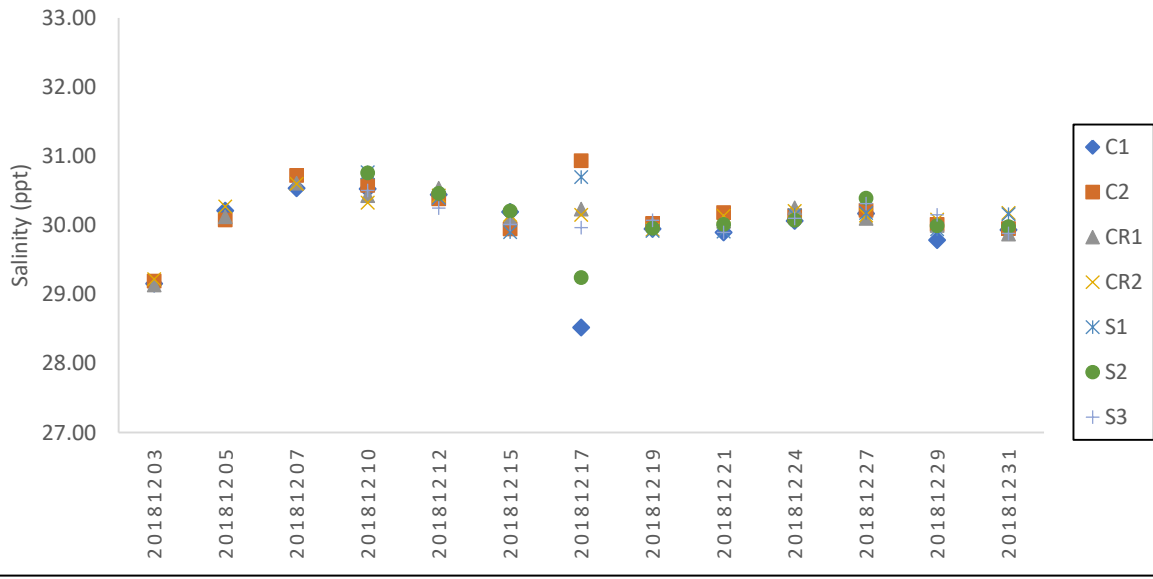


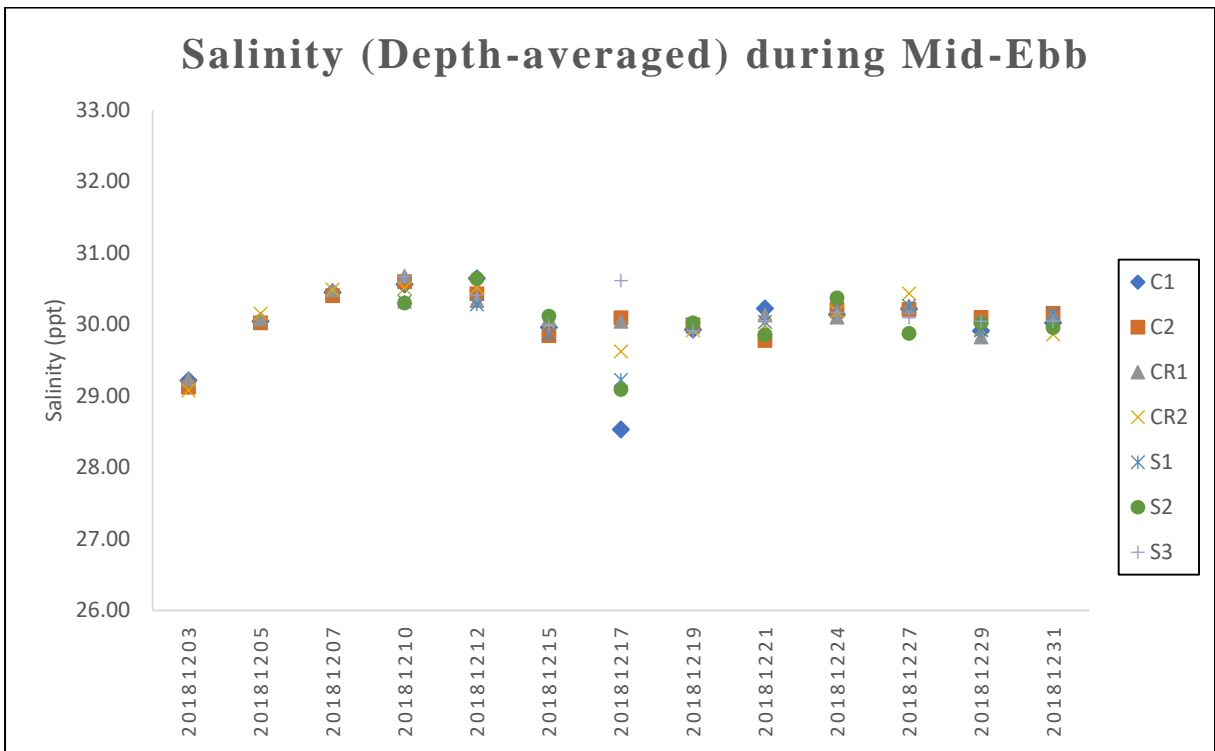
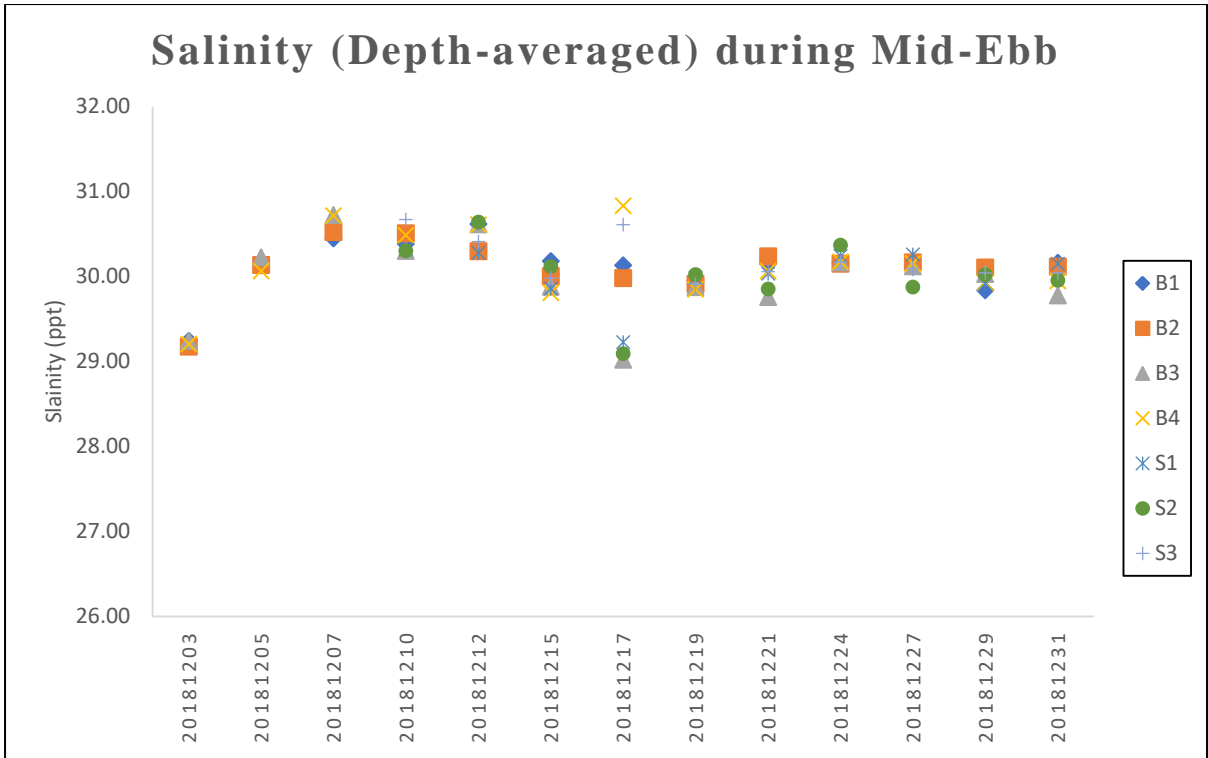
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.

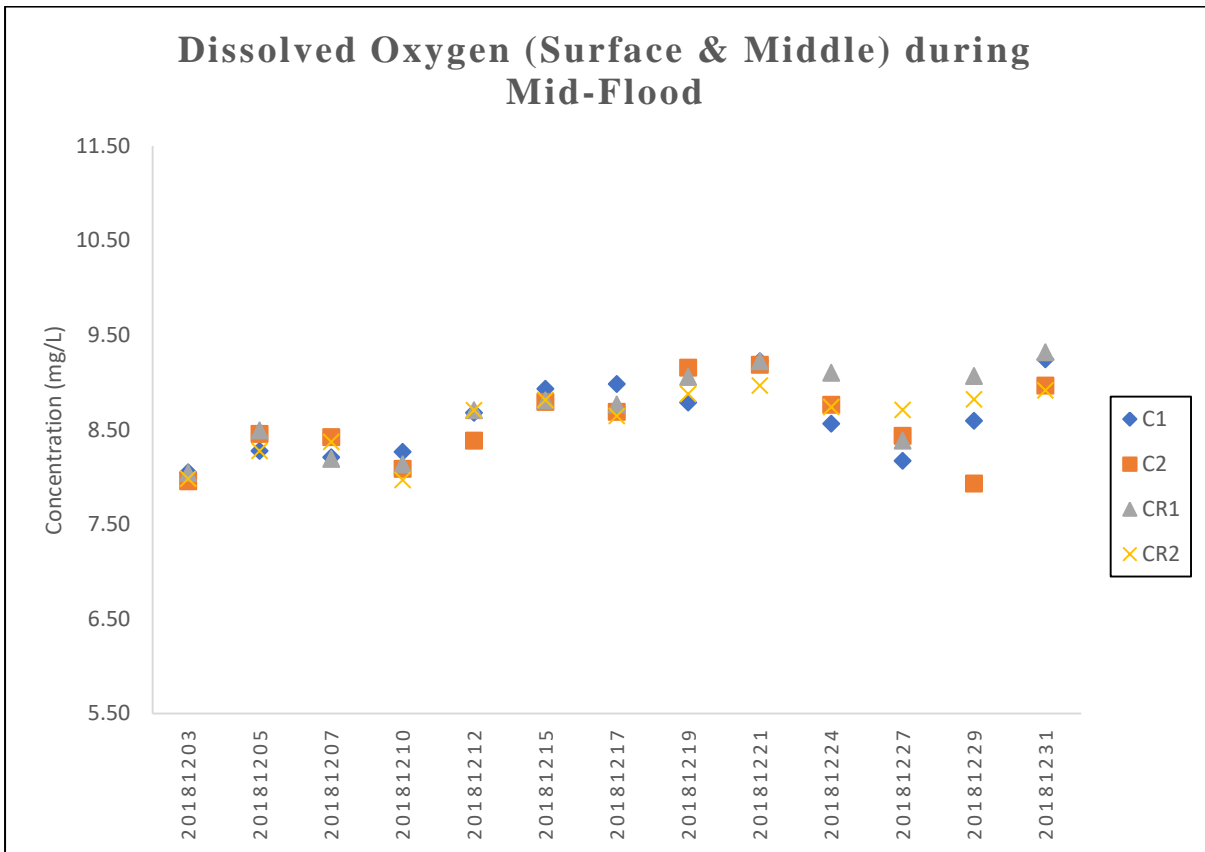
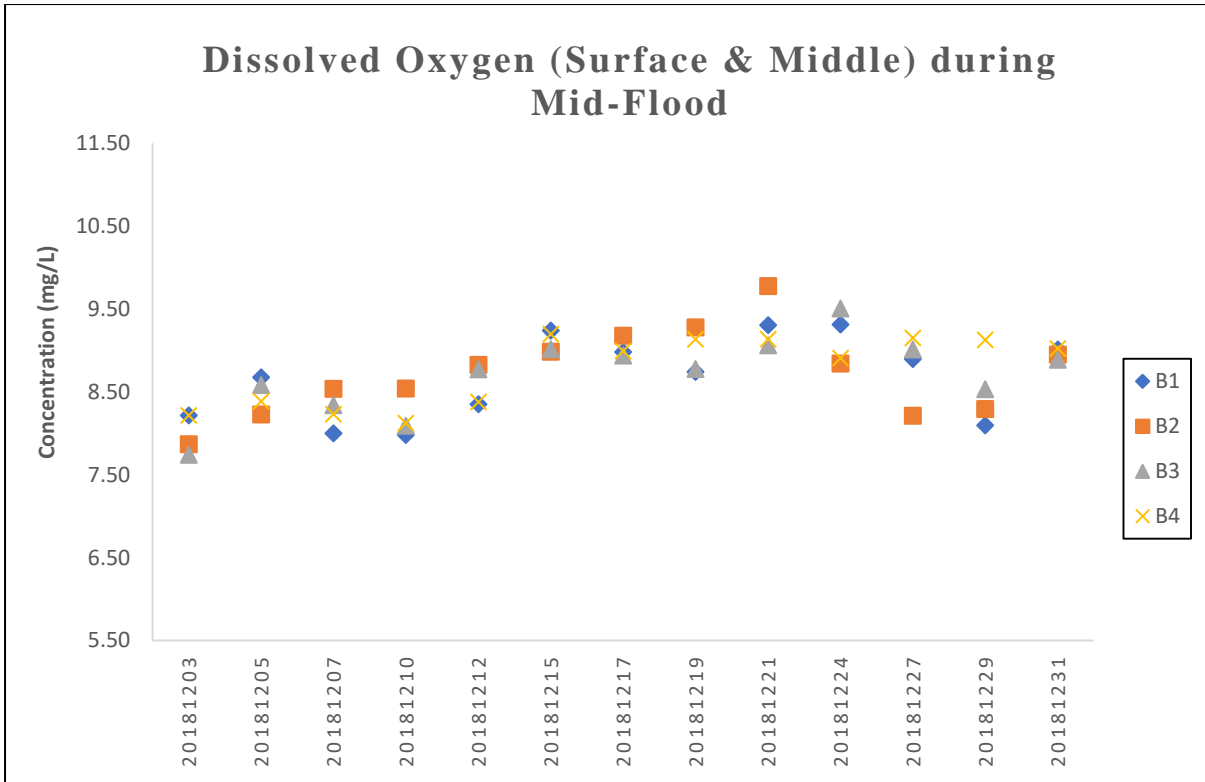
Salinity (Depth-averaged) during Mid-Flood



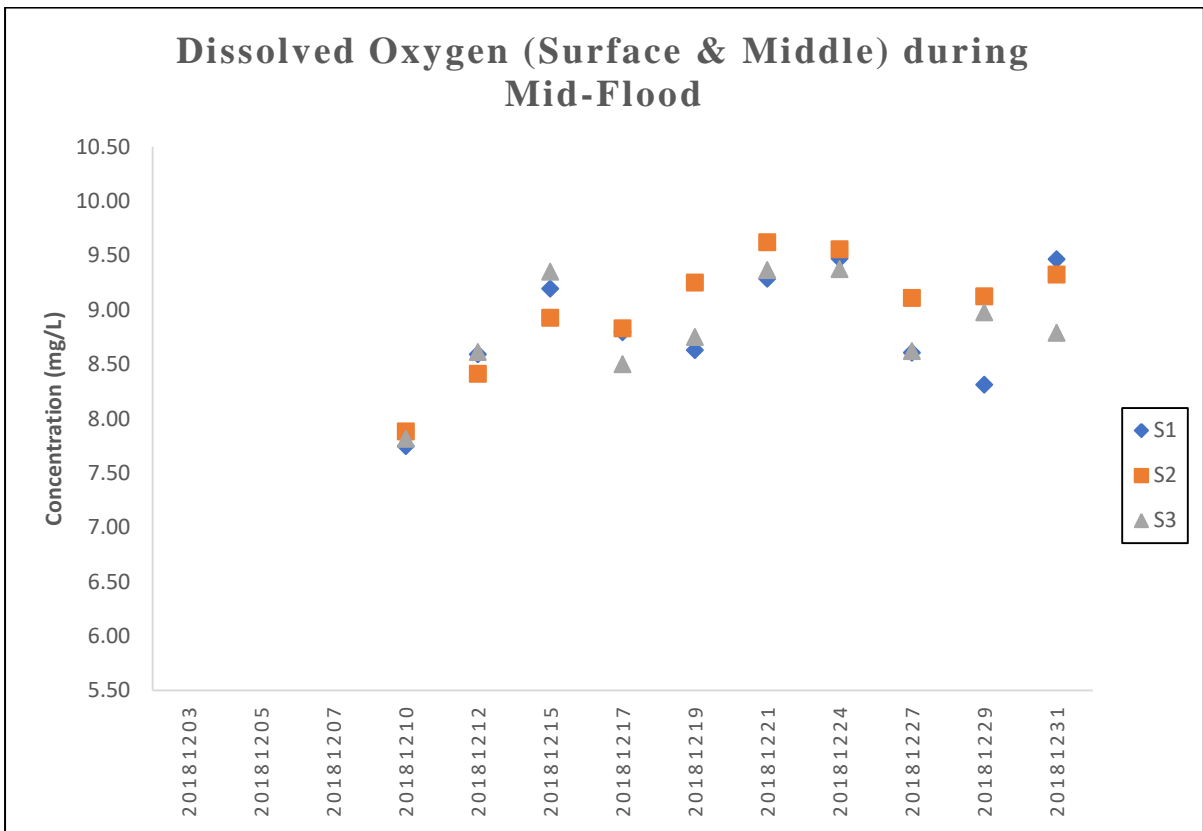
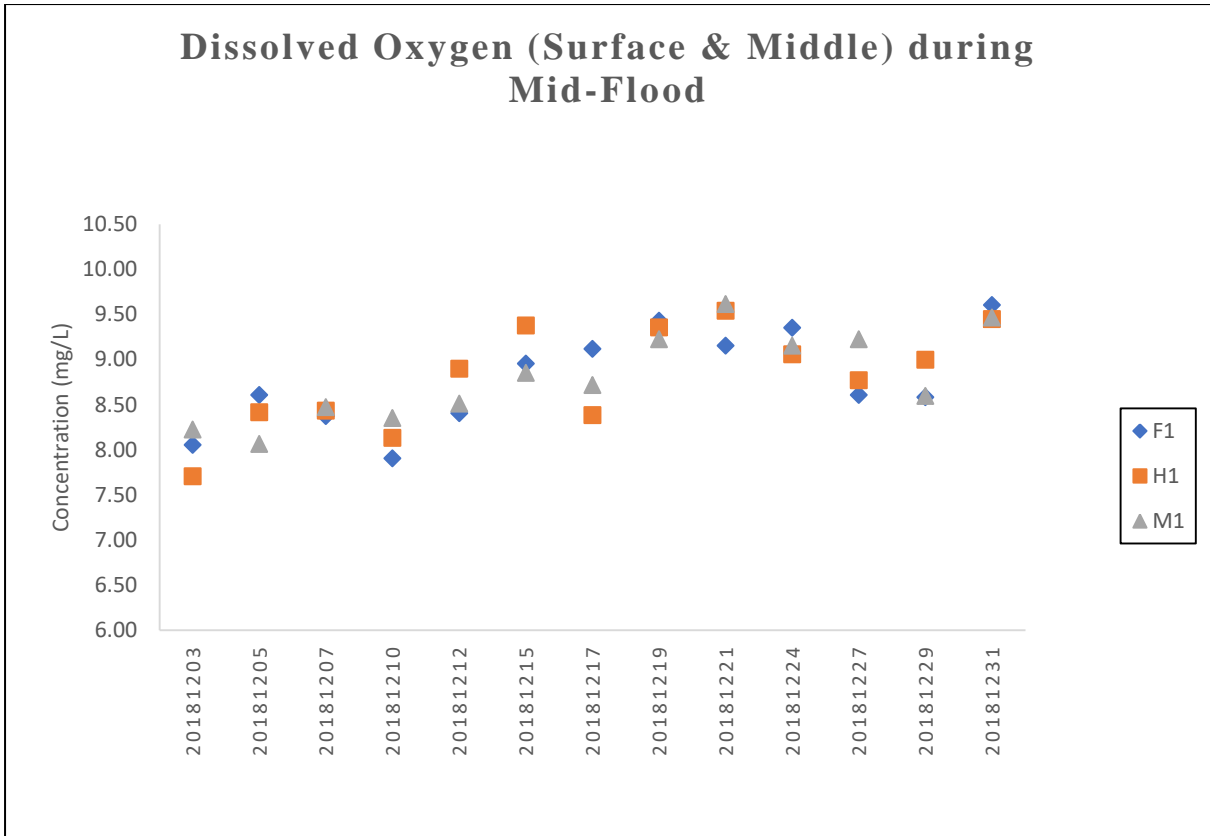
Salinity (Depth-averaged) during Mid-Flood



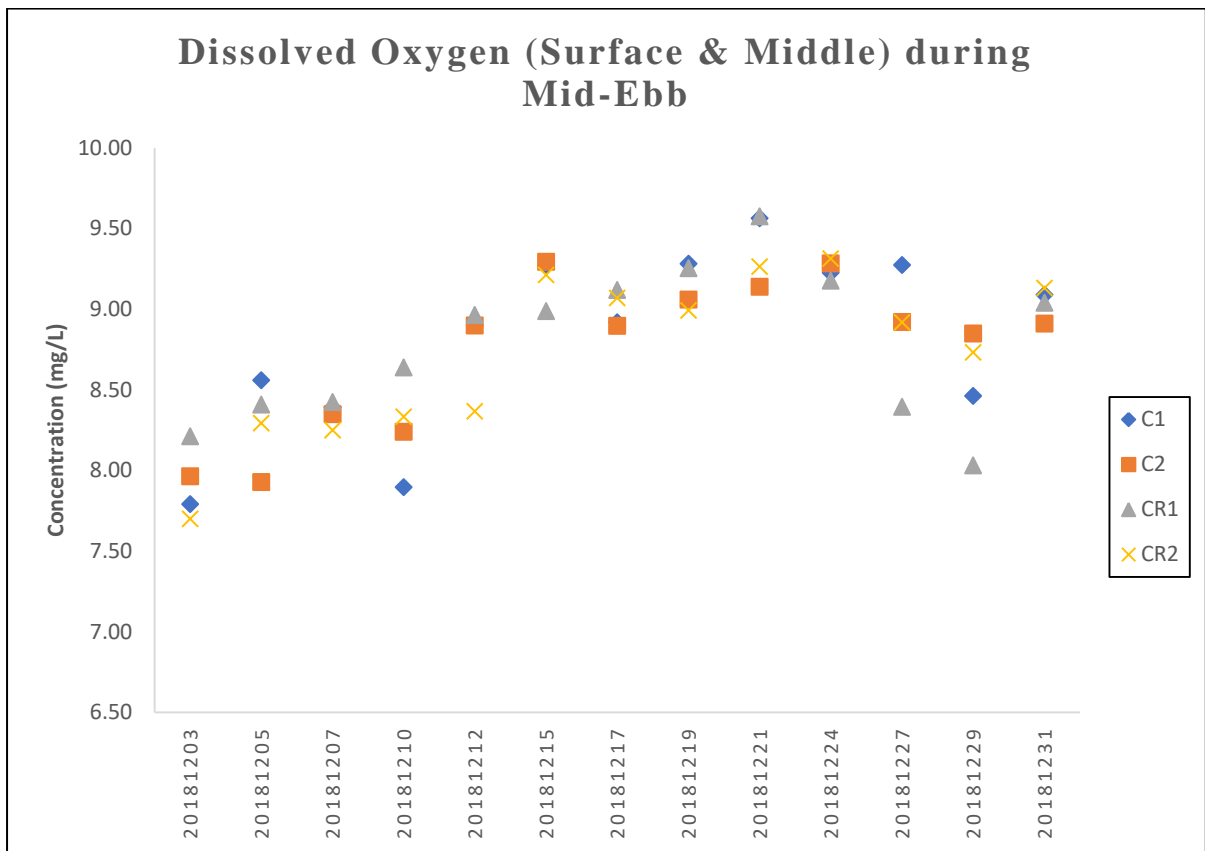
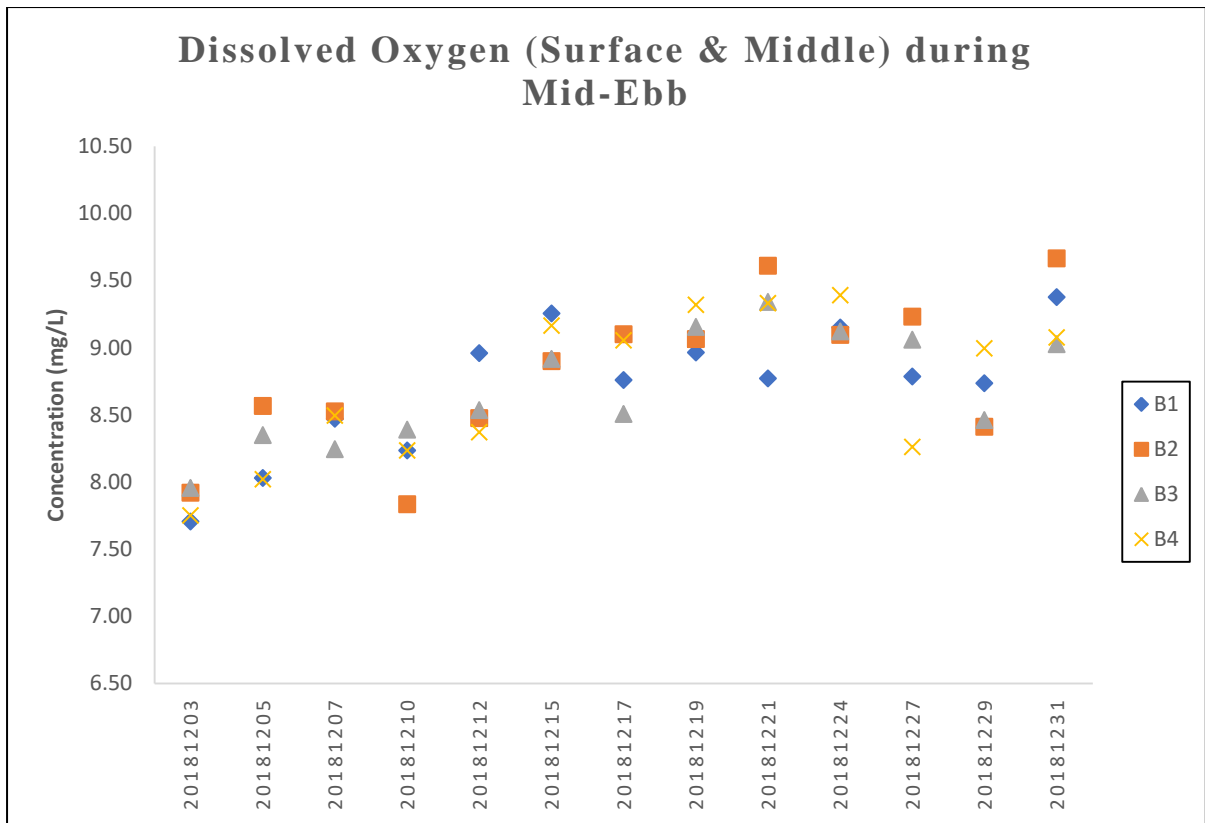




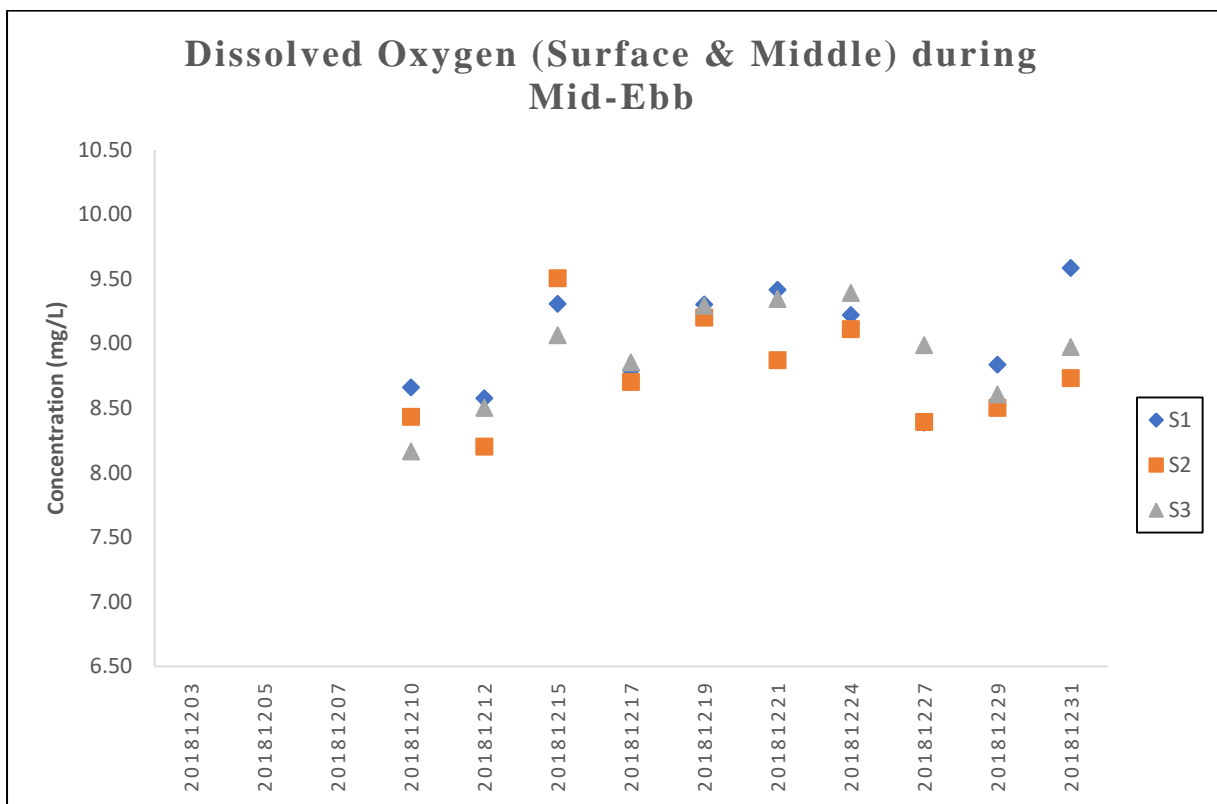
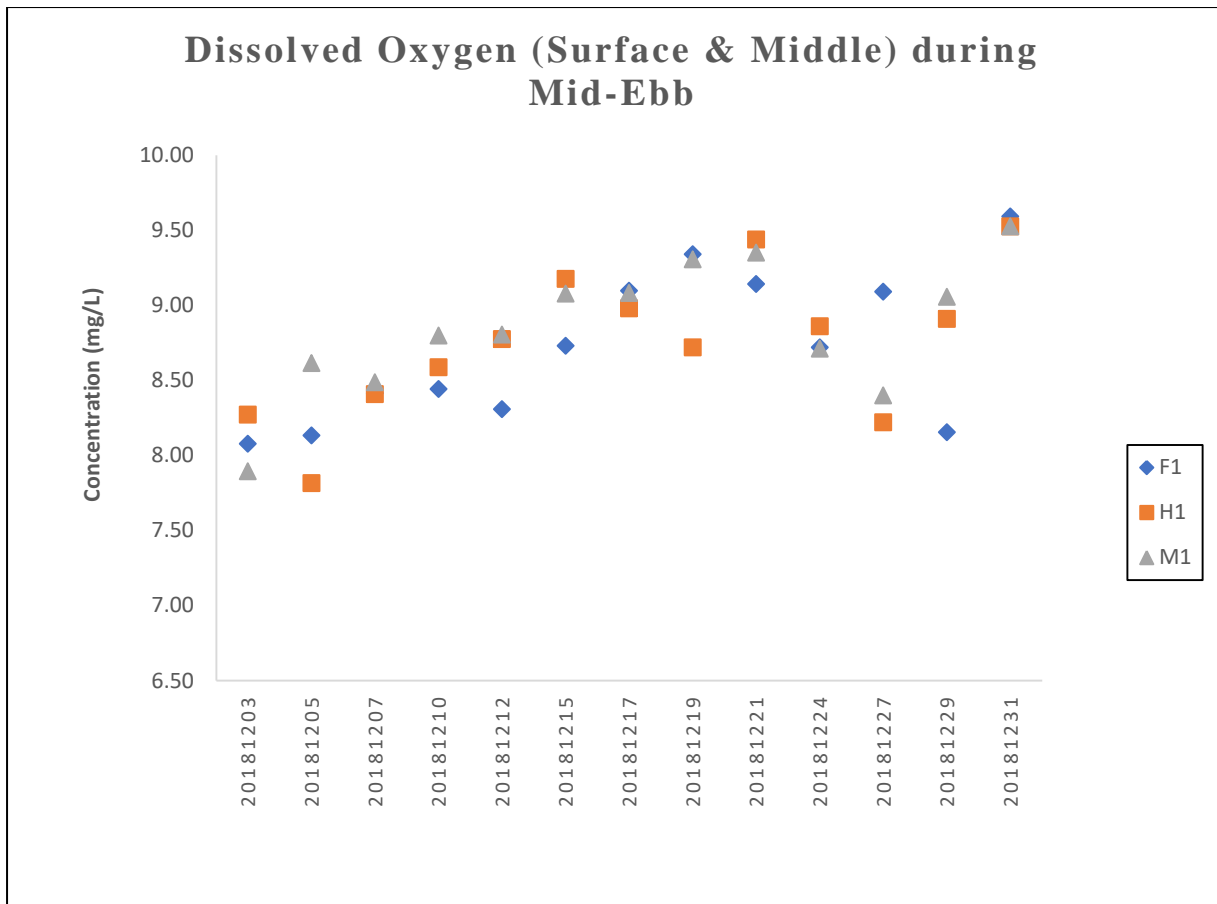
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



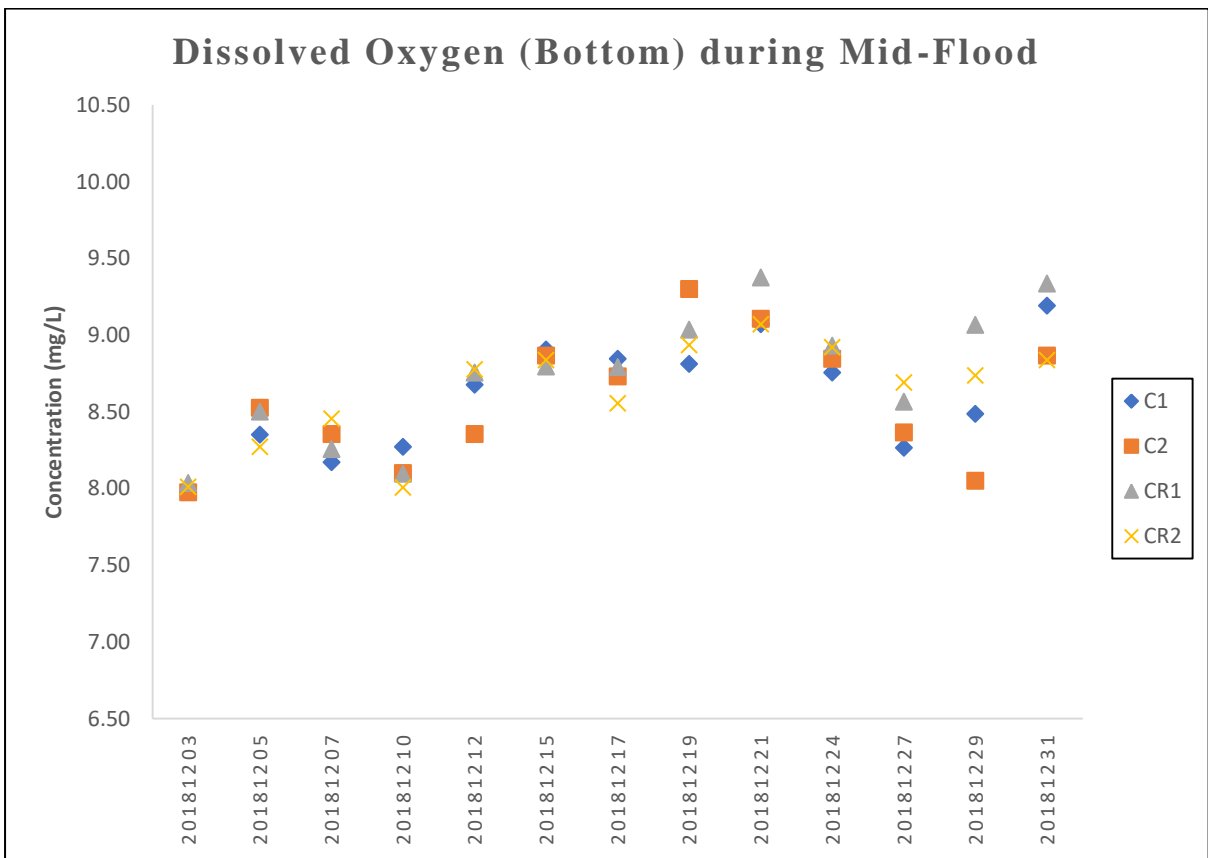
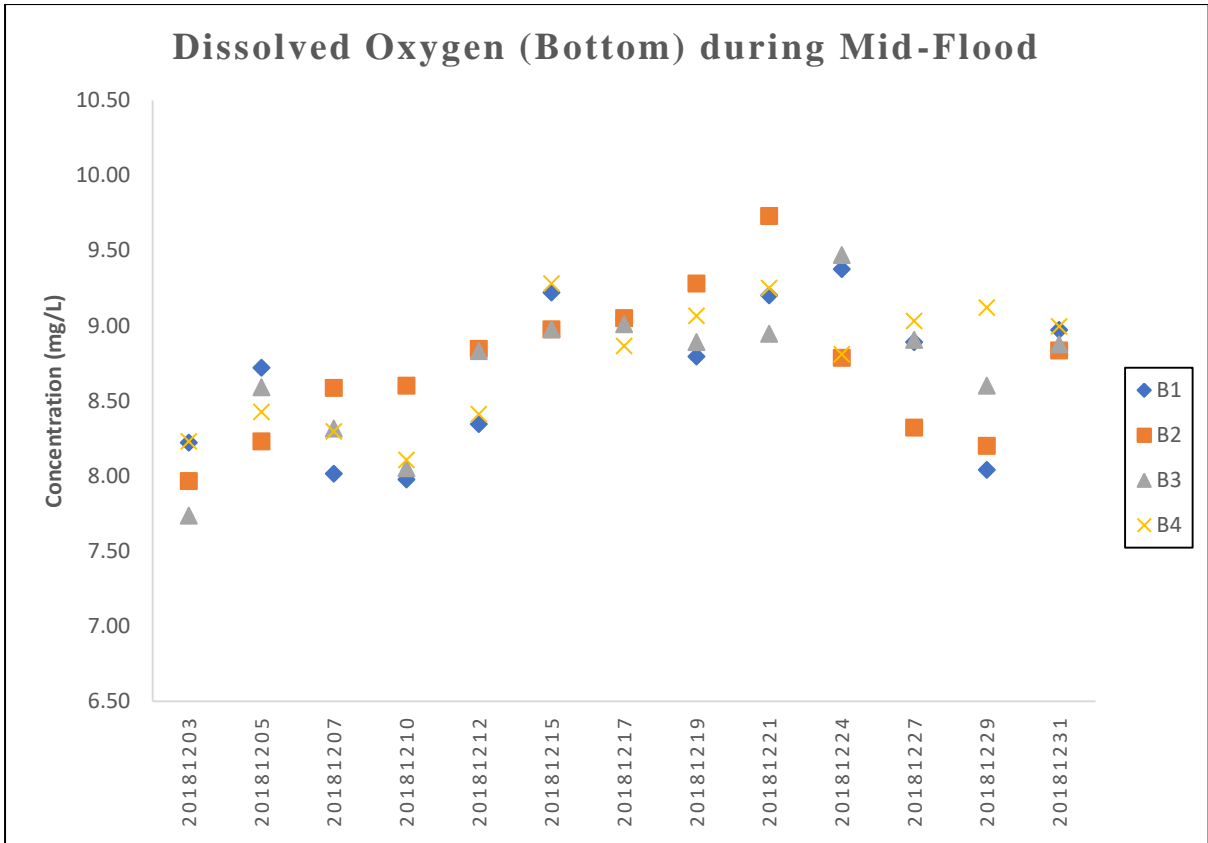
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



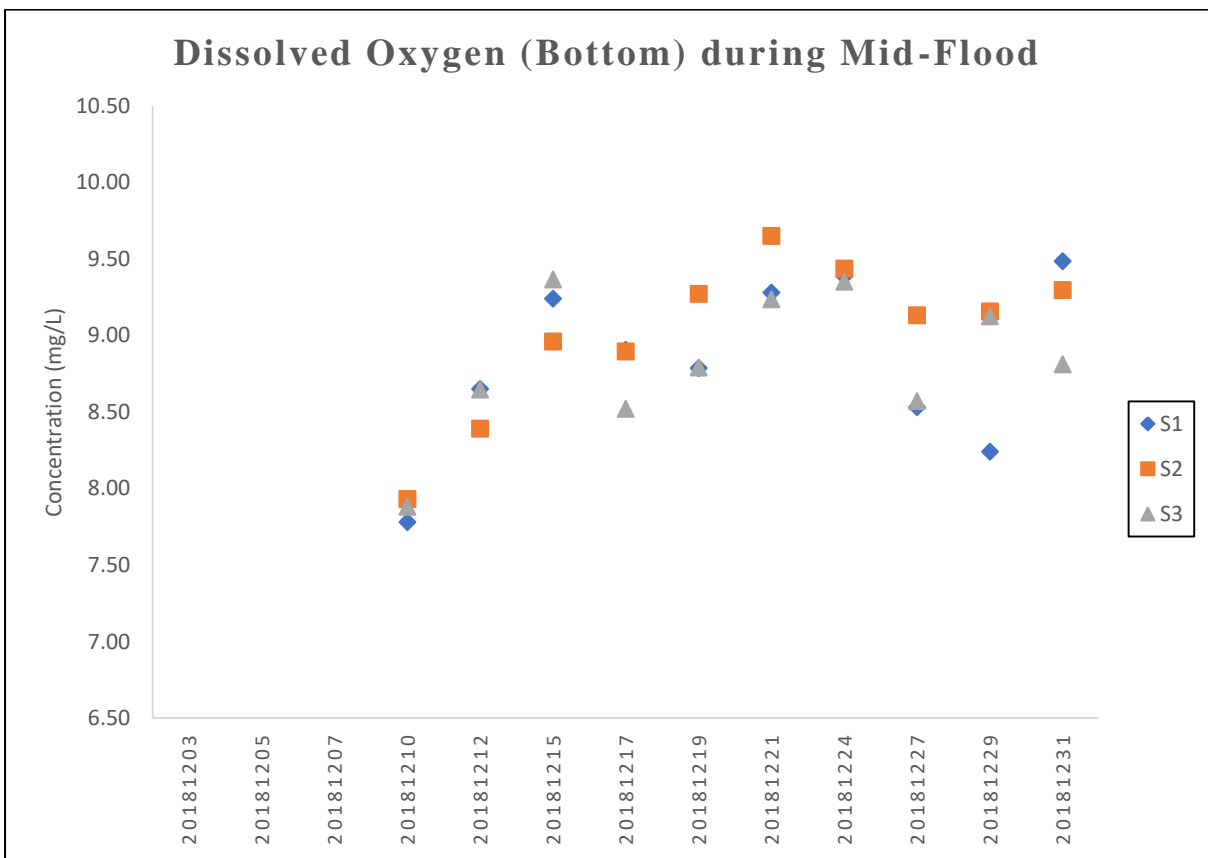
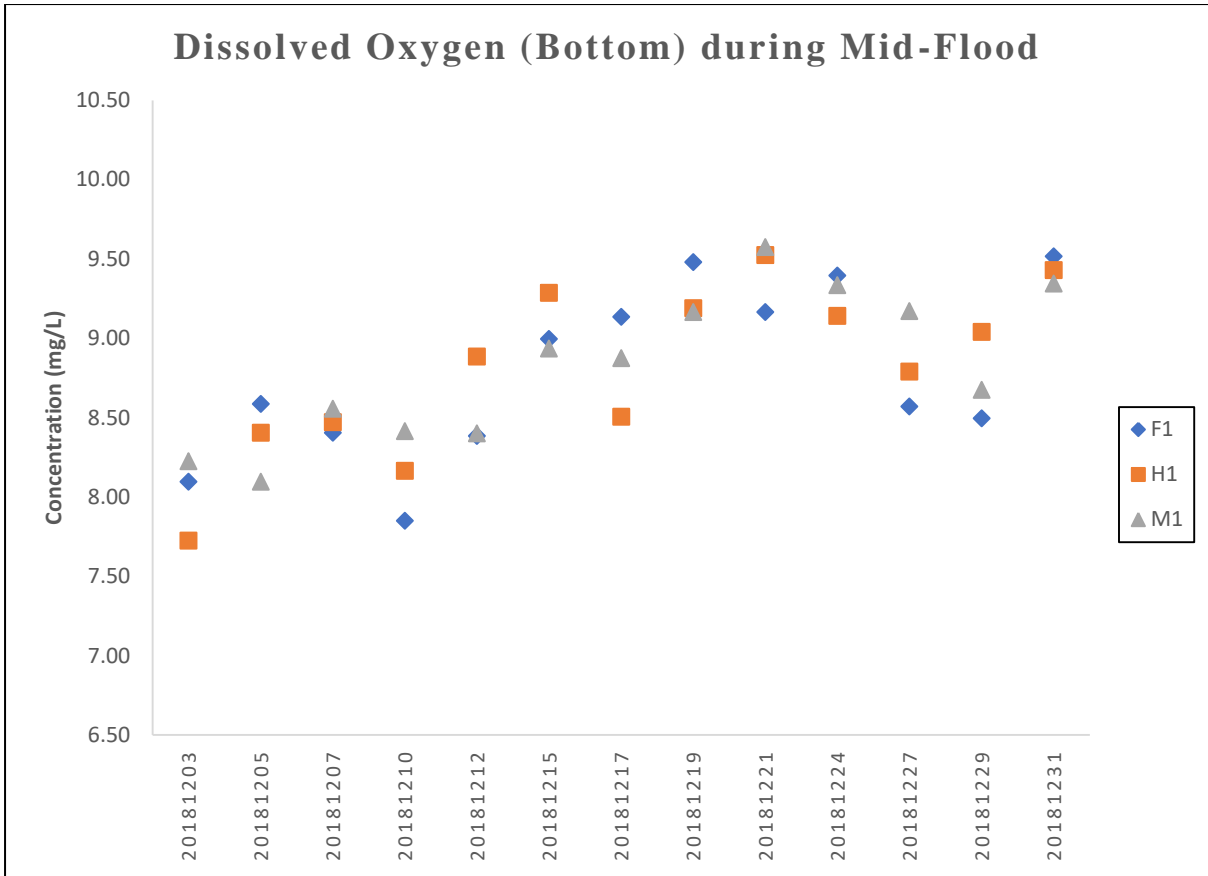
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



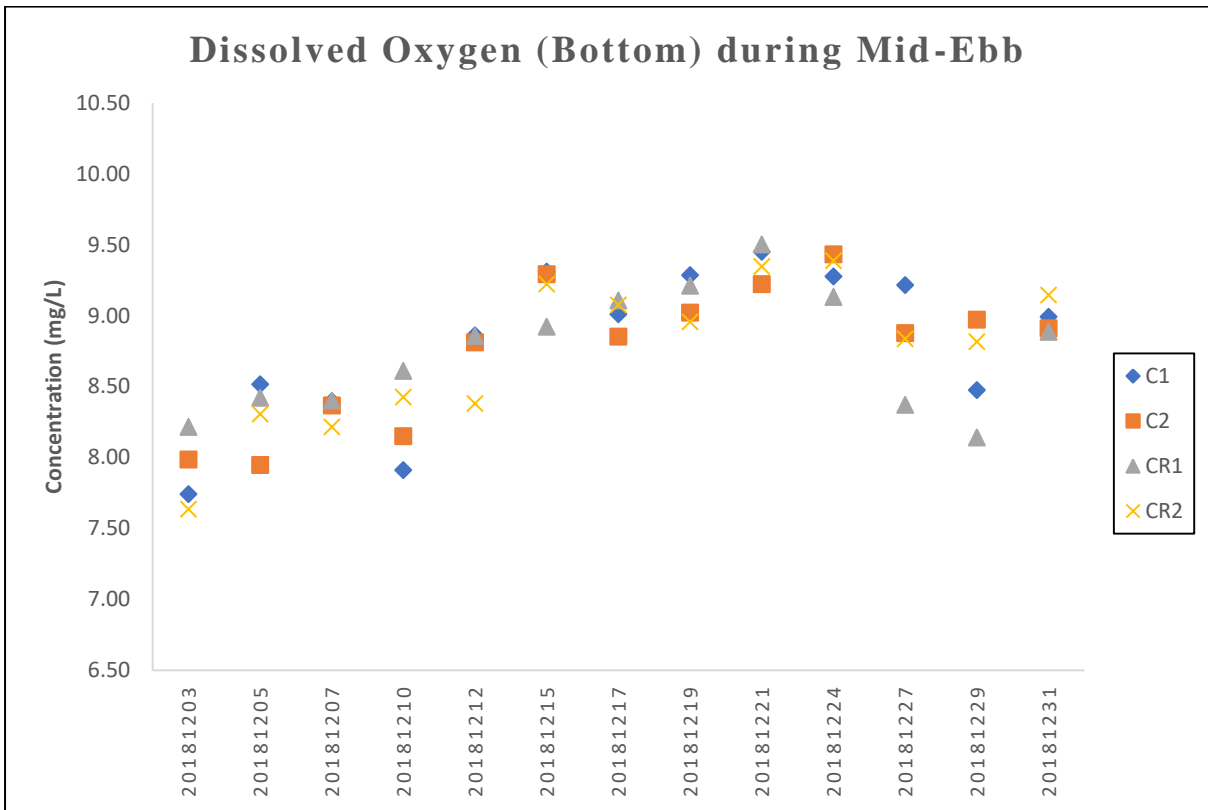
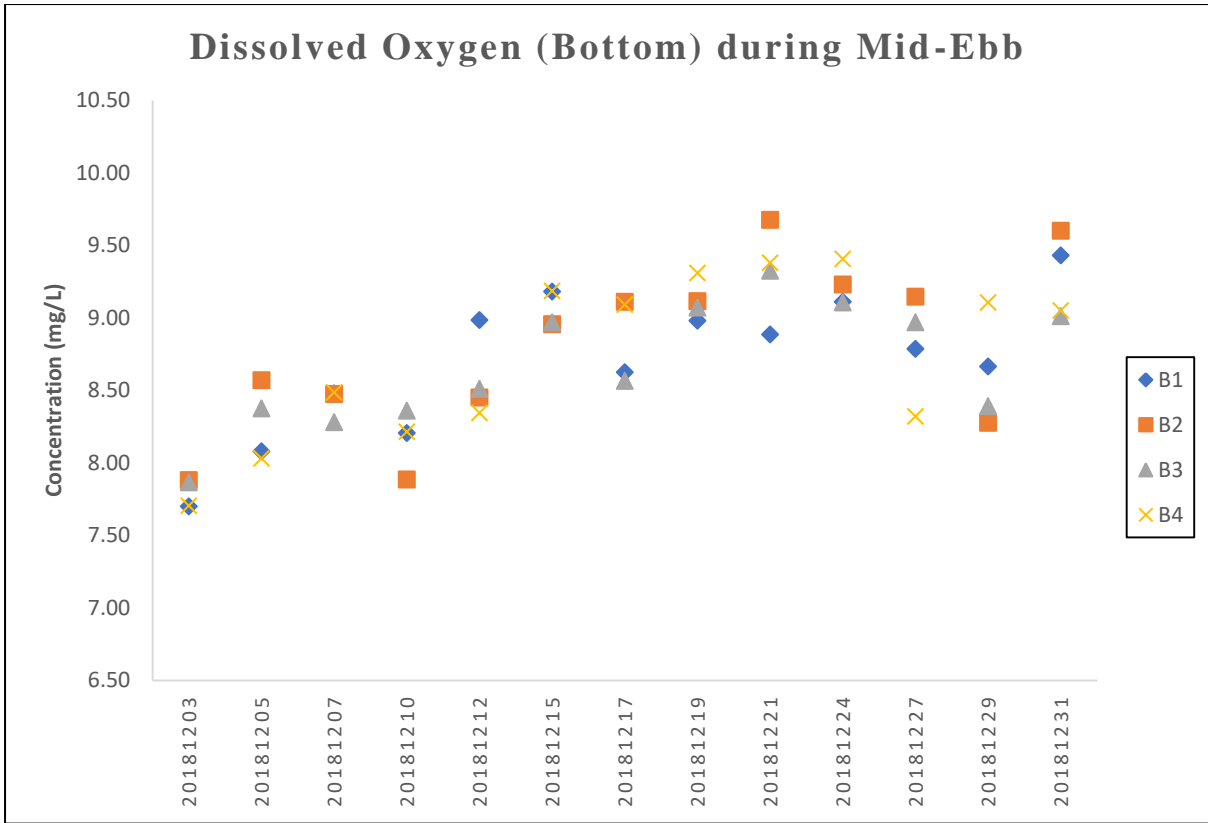
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



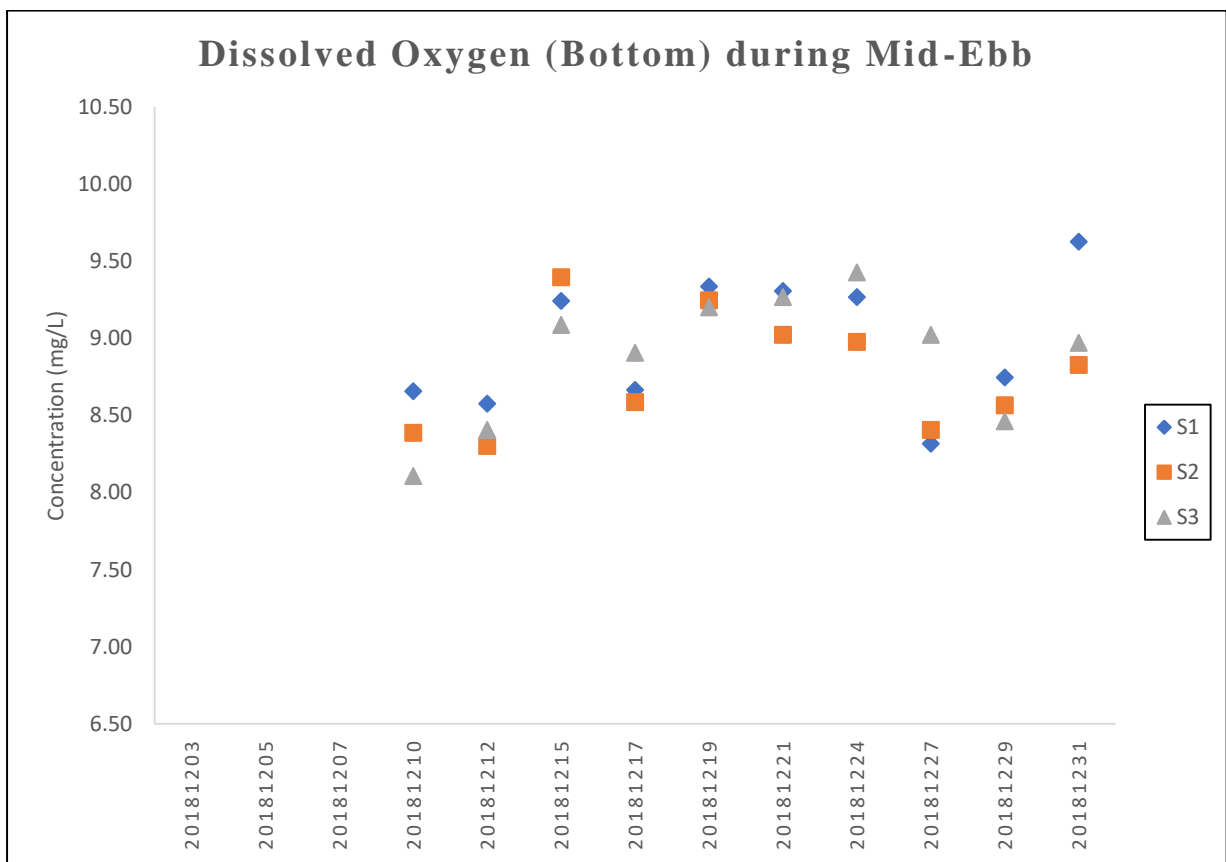
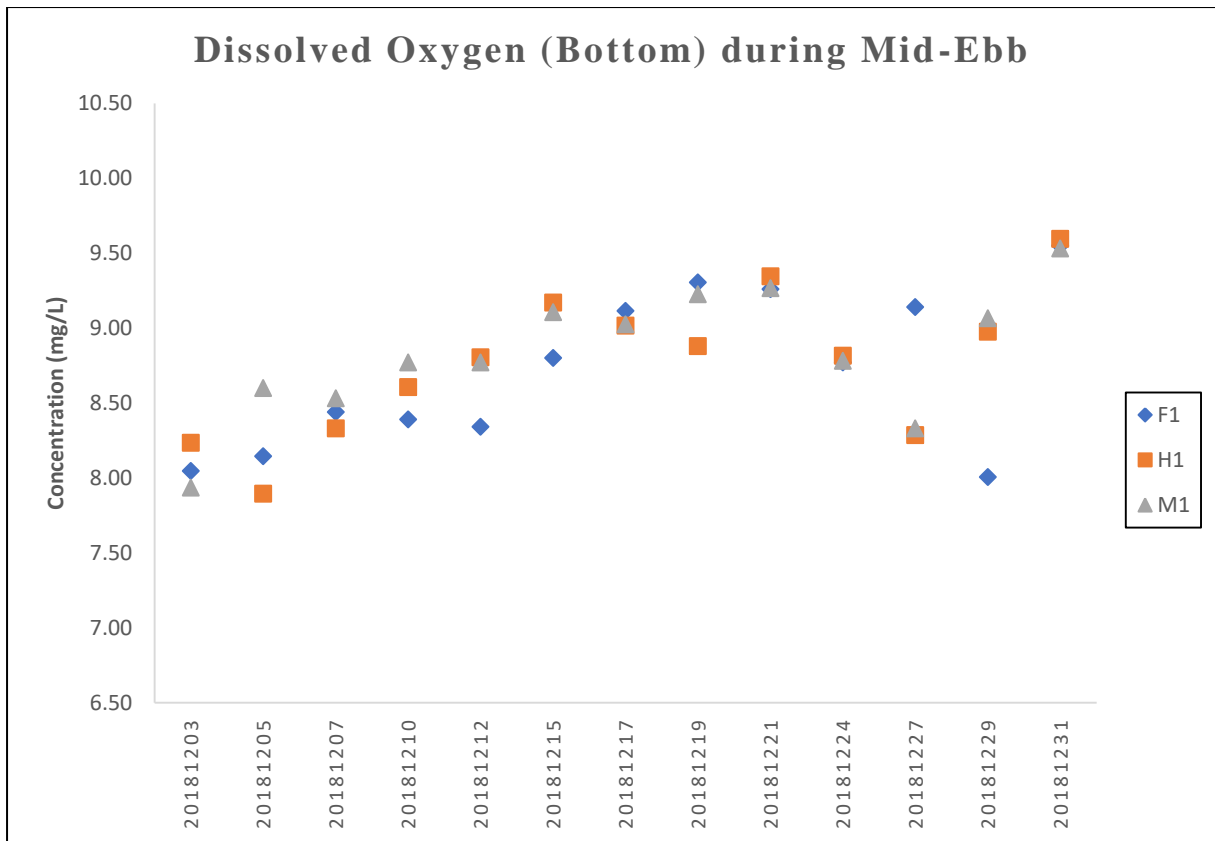
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



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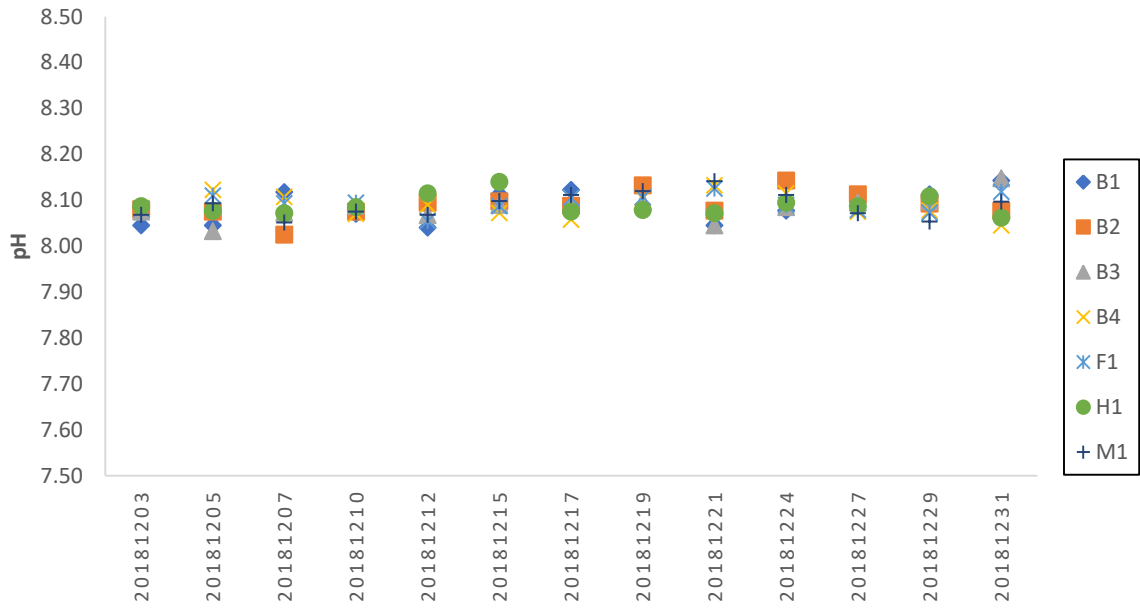


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

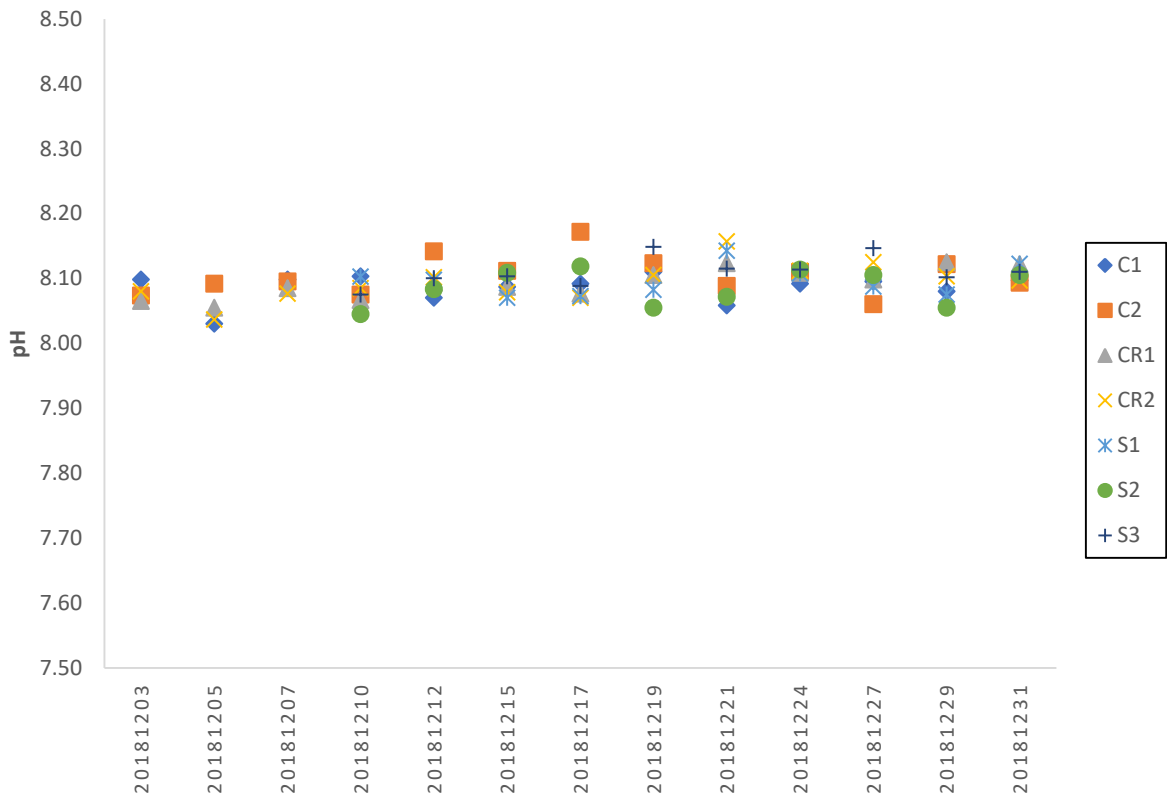


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

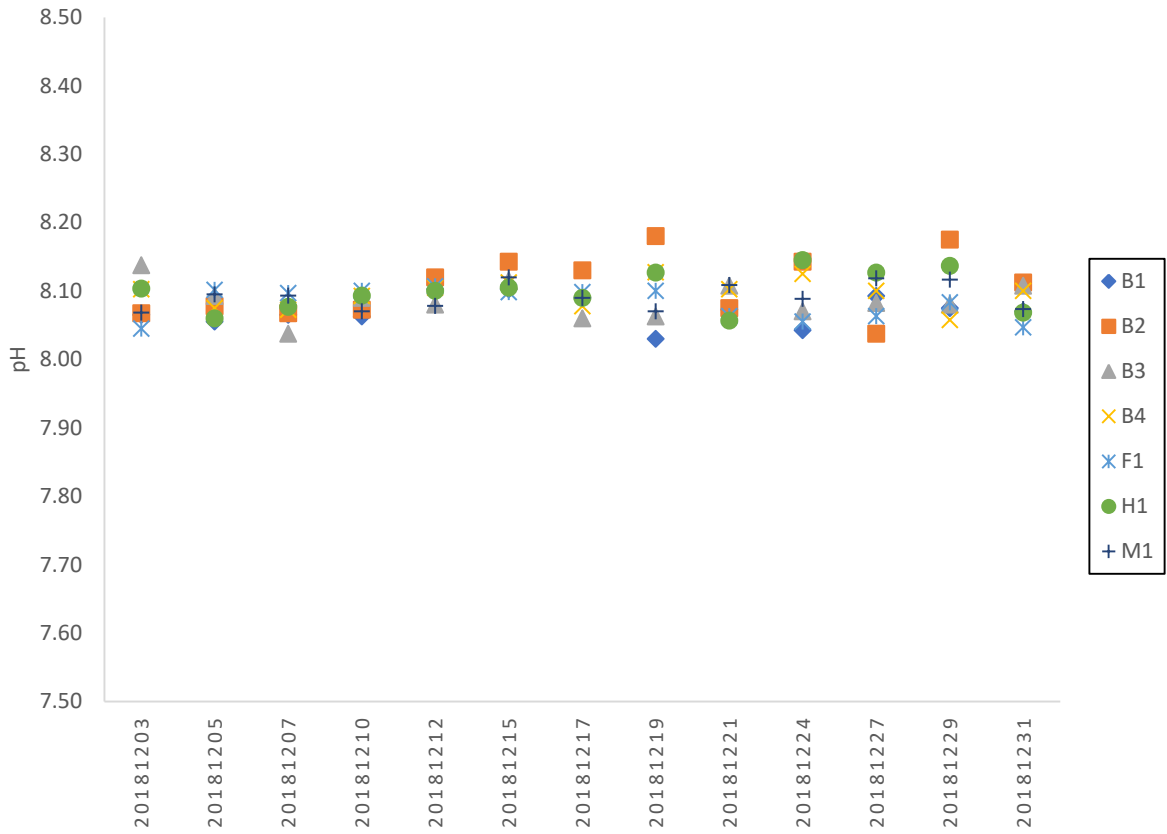
pH (Depth-Averaged) during Mid-Flood



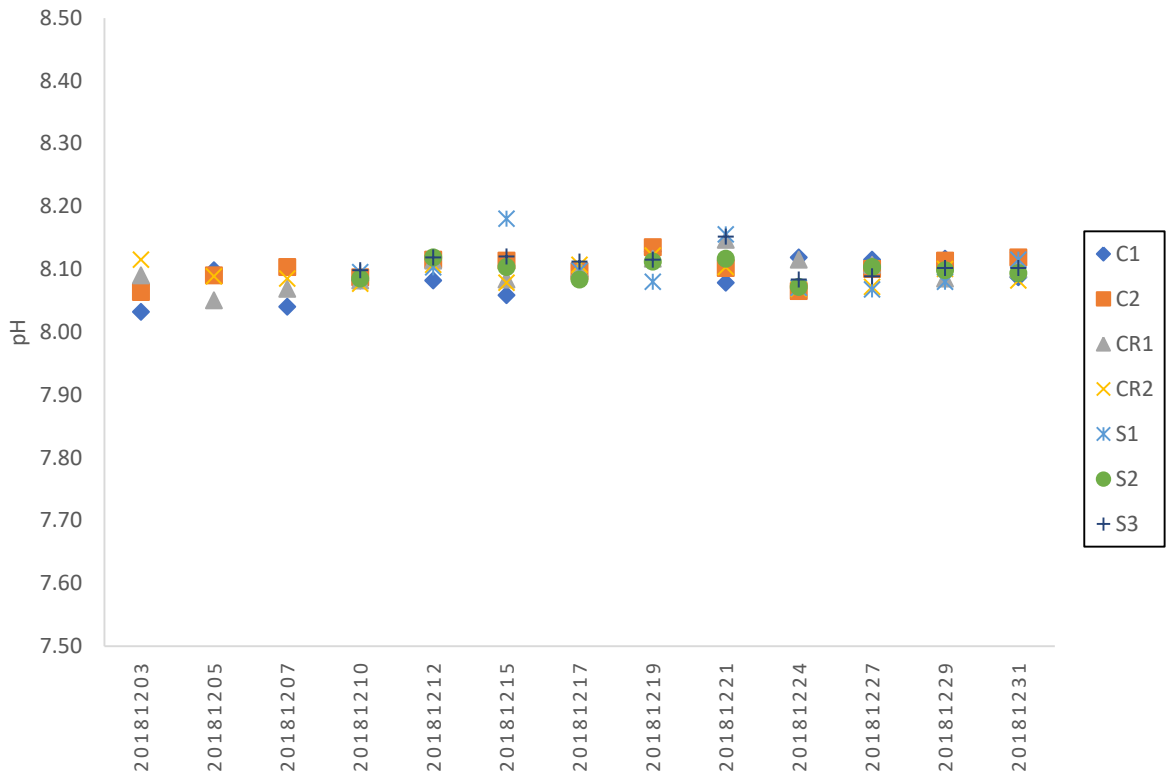
pH (Depth-Averaged) during Mid-Flood

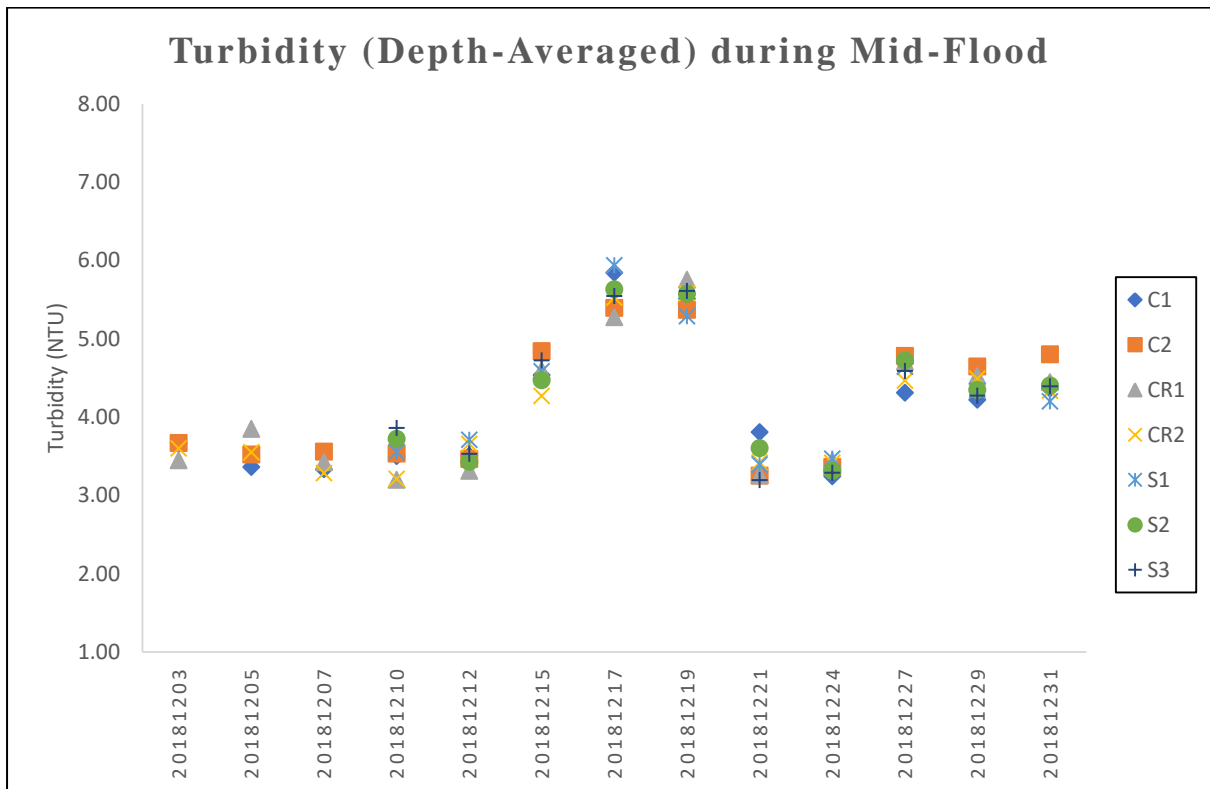
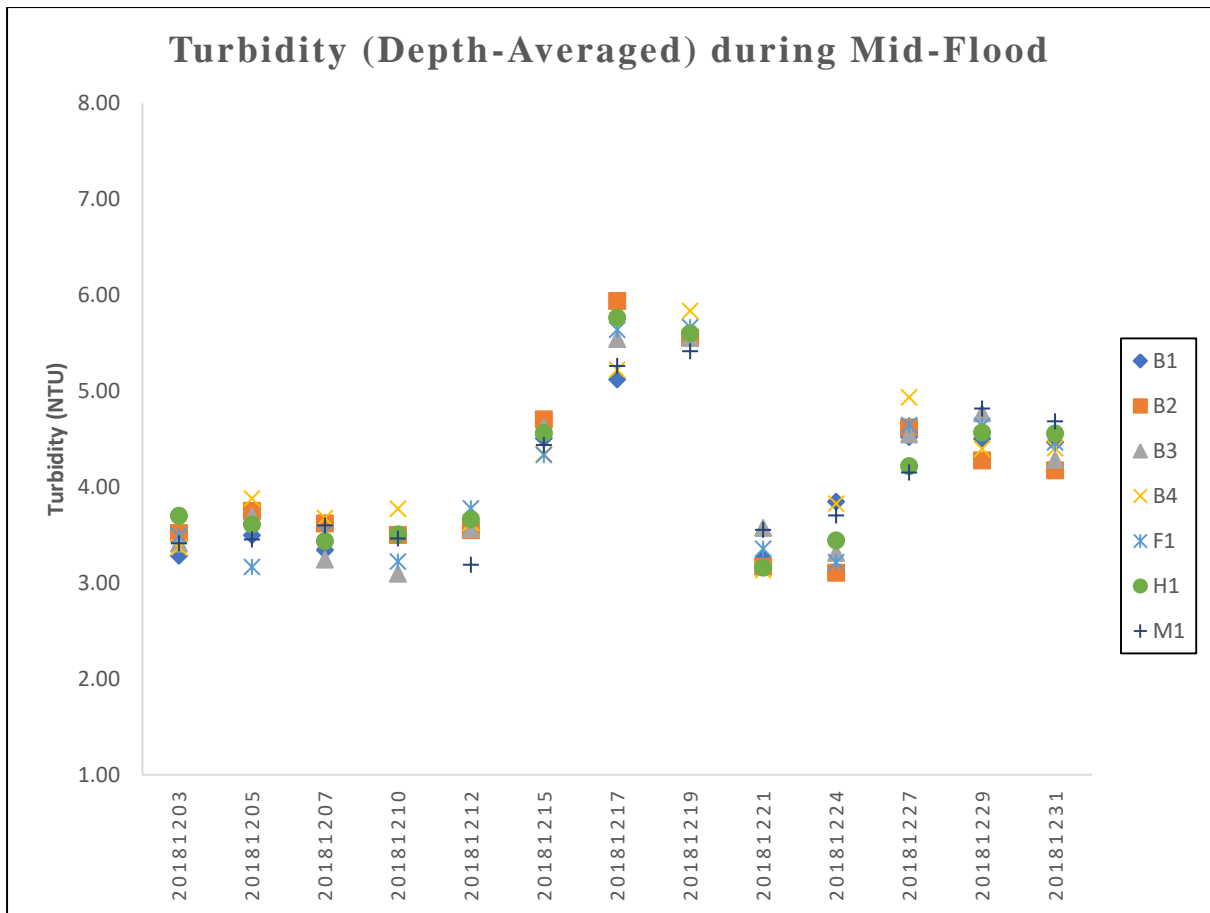


pH (Depth-Averaged) during Mid-Ebb

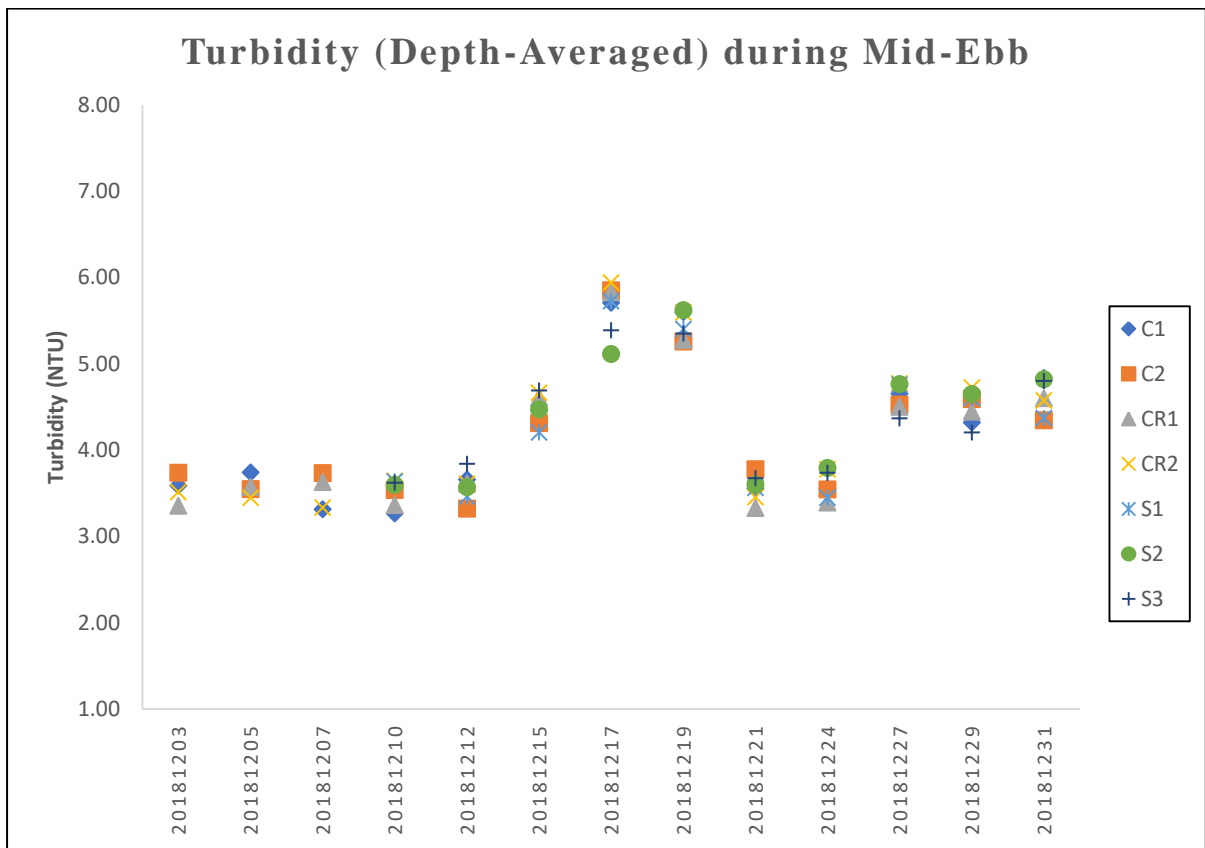
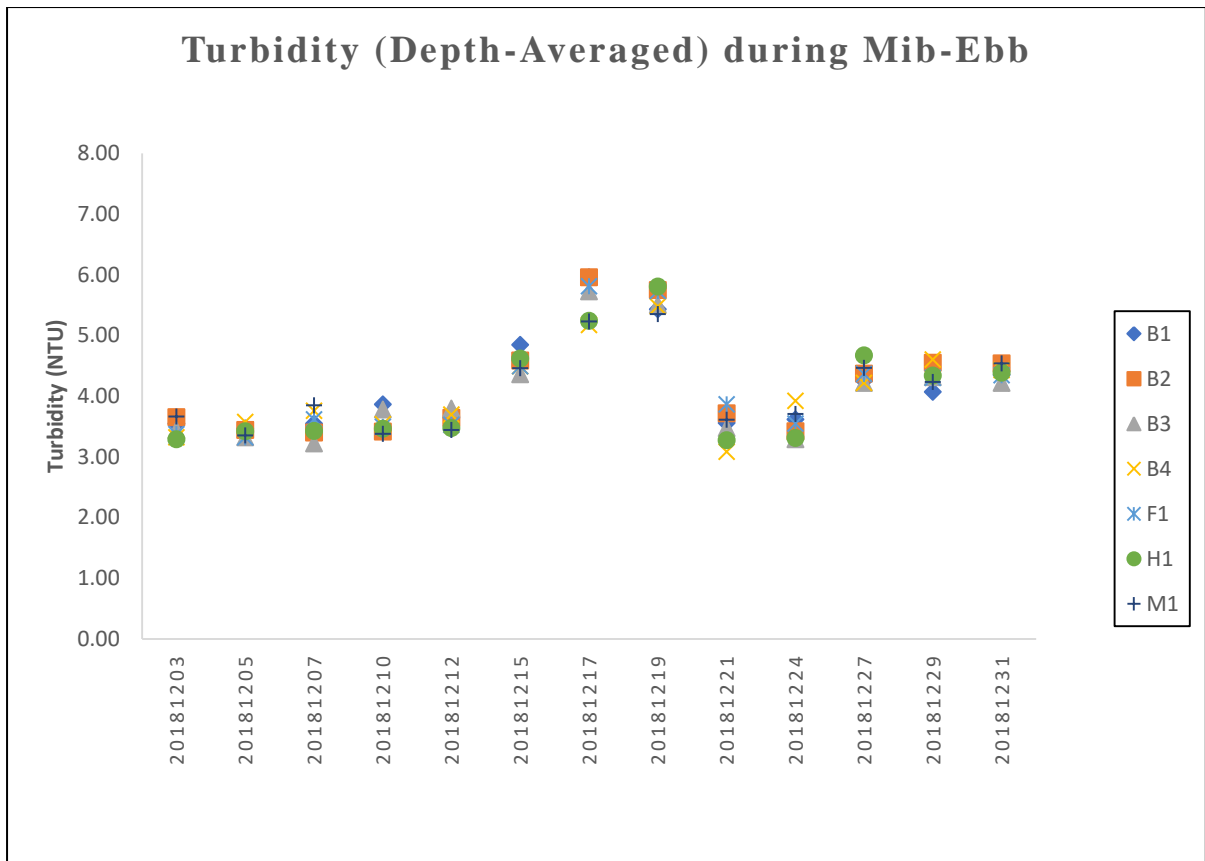


pH (Depth-Averaged) during Mid-Ebb

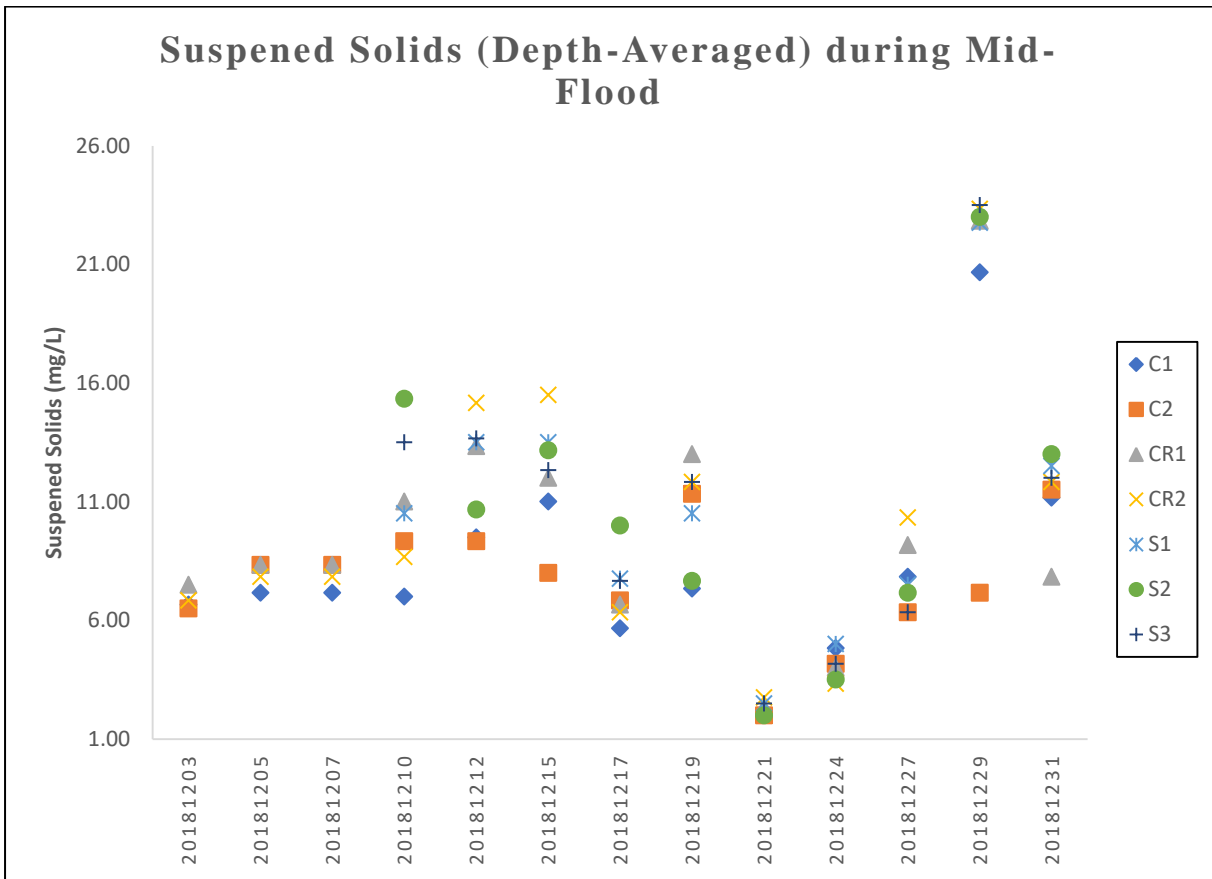
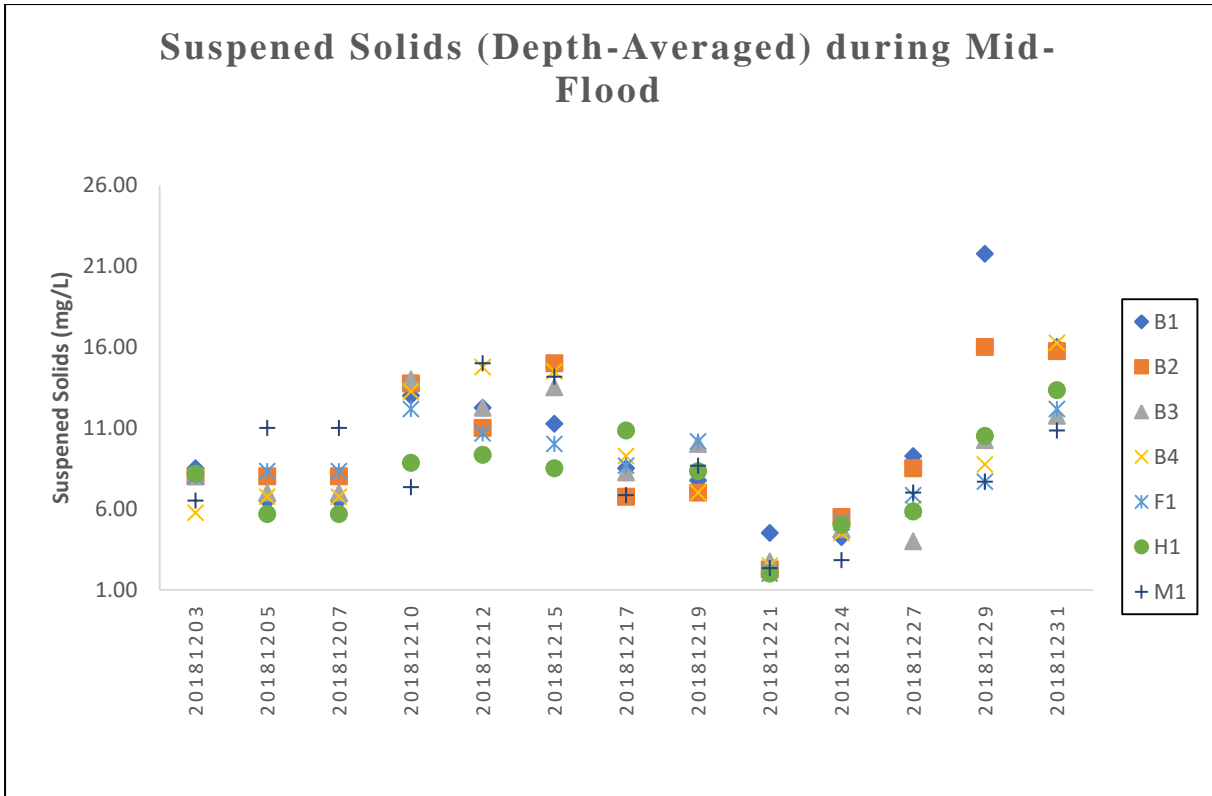




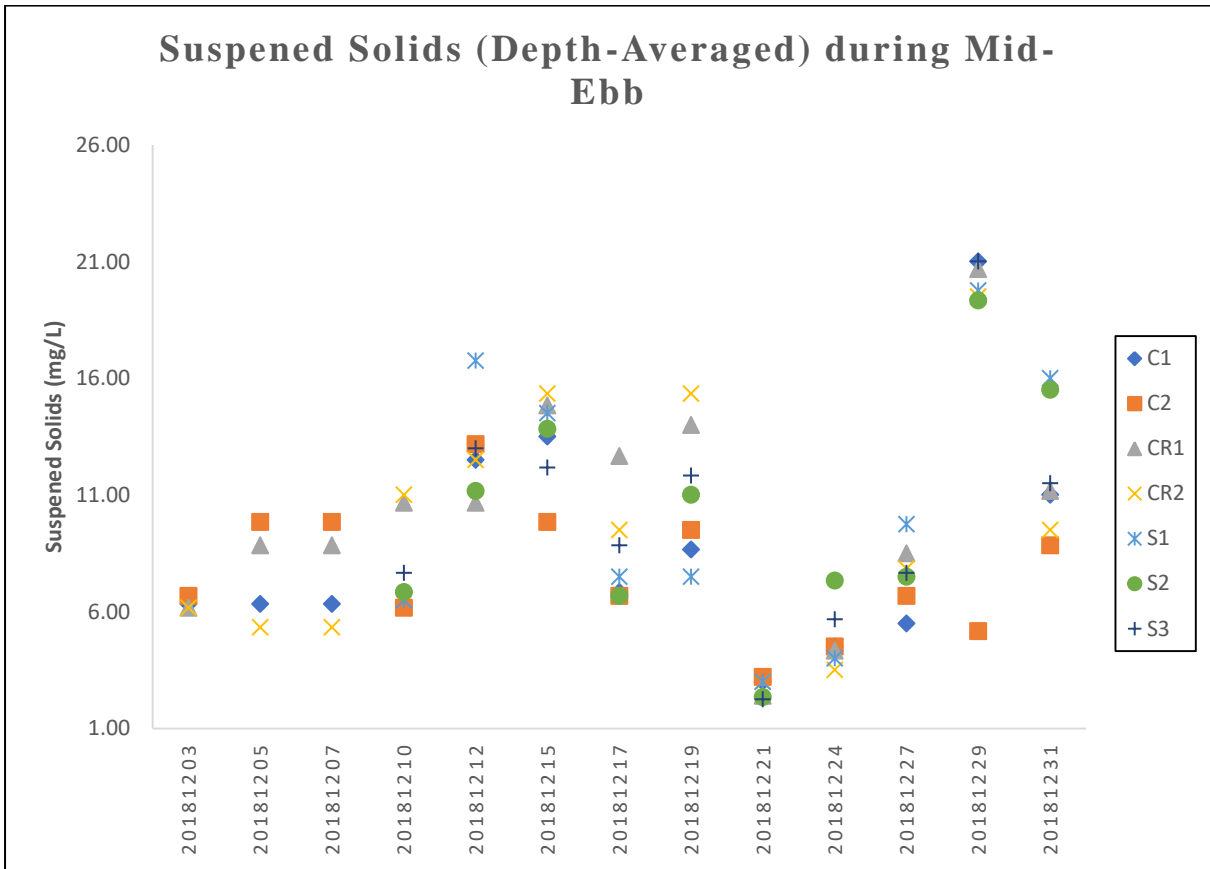
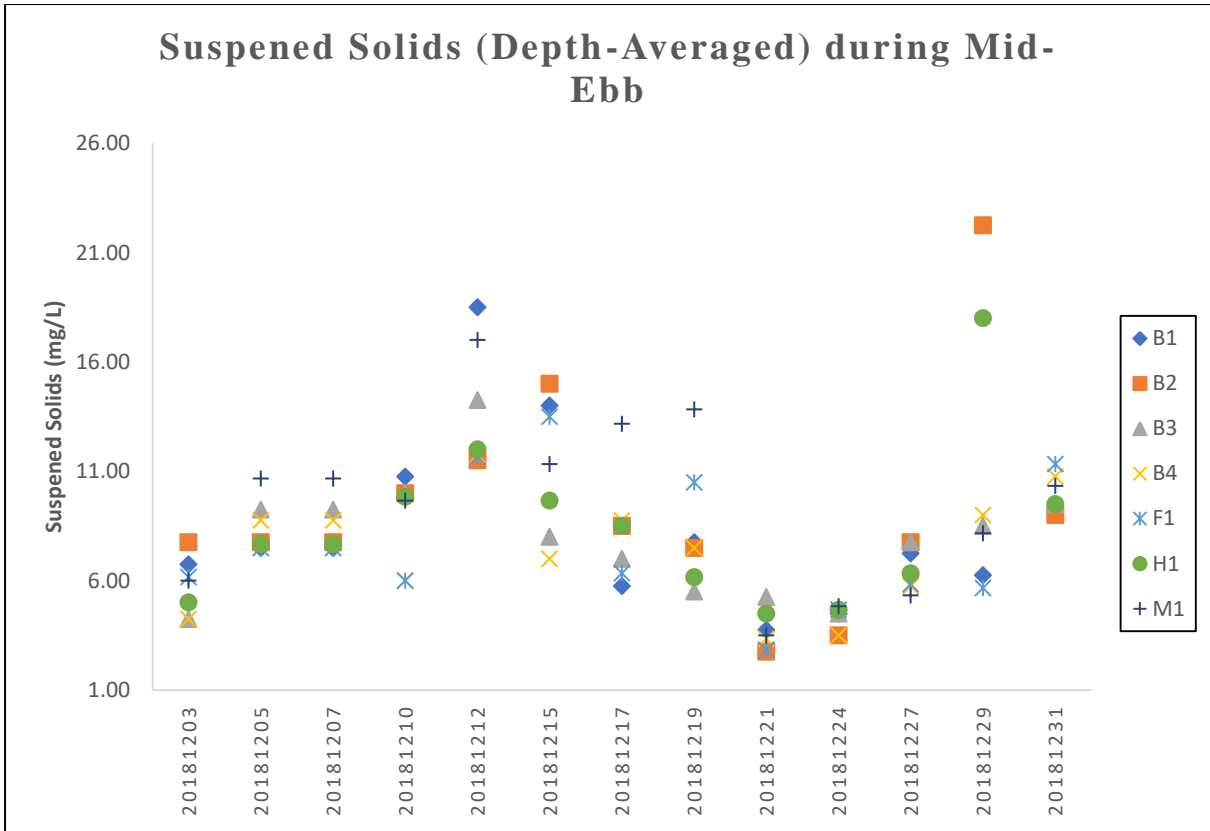
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



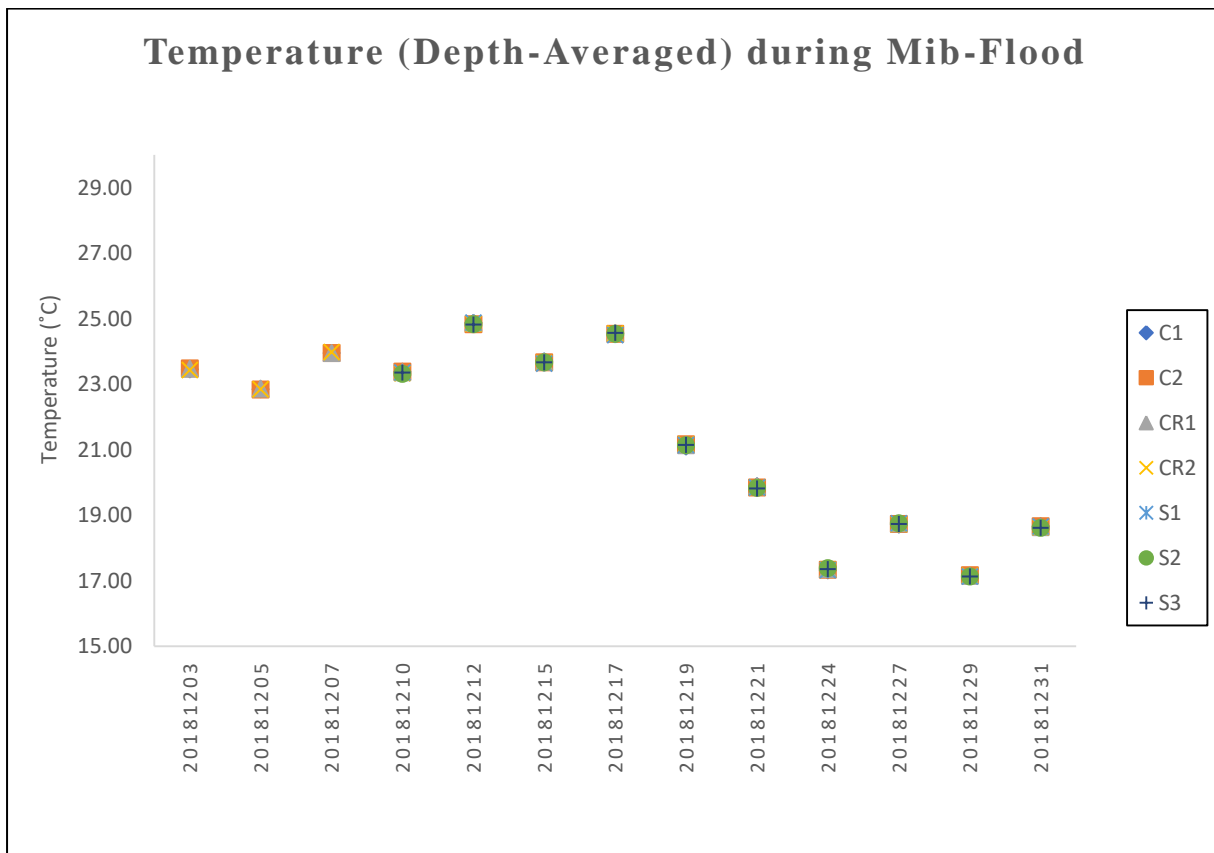
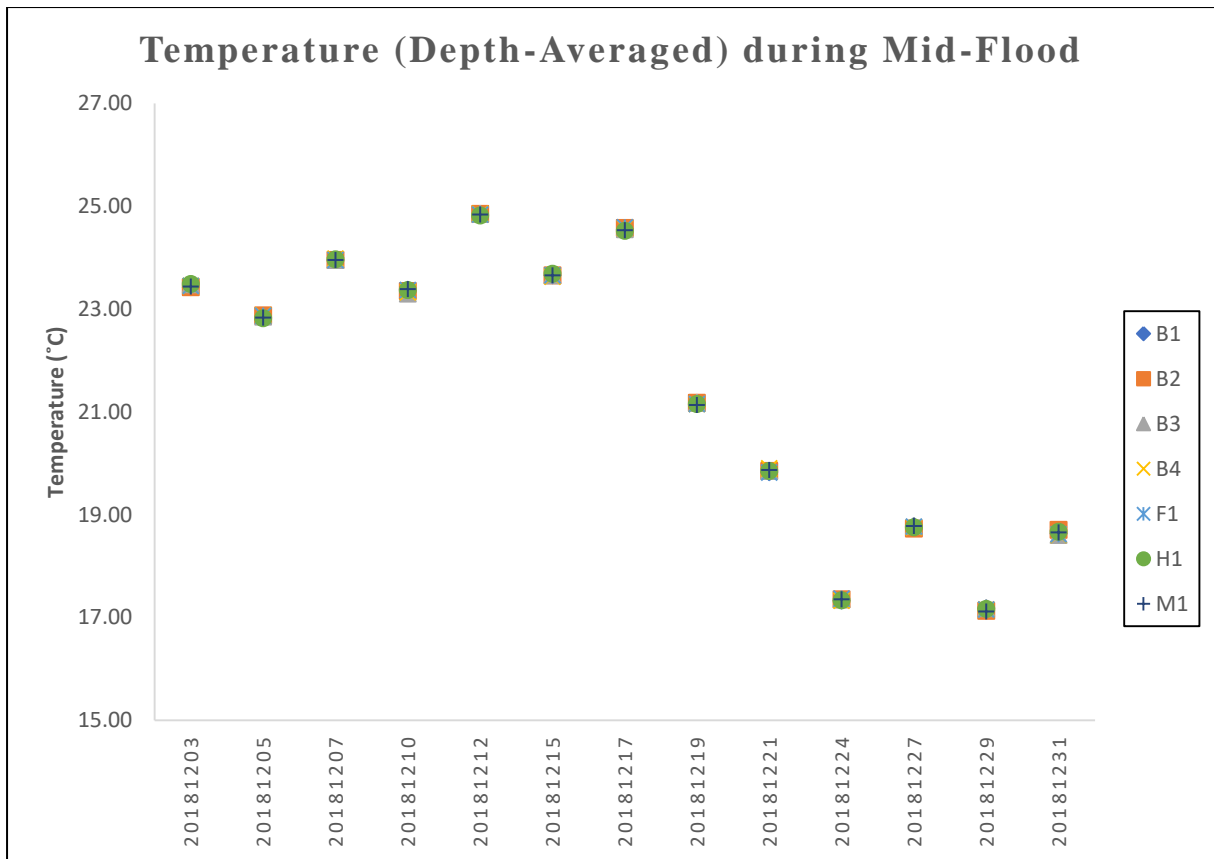
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



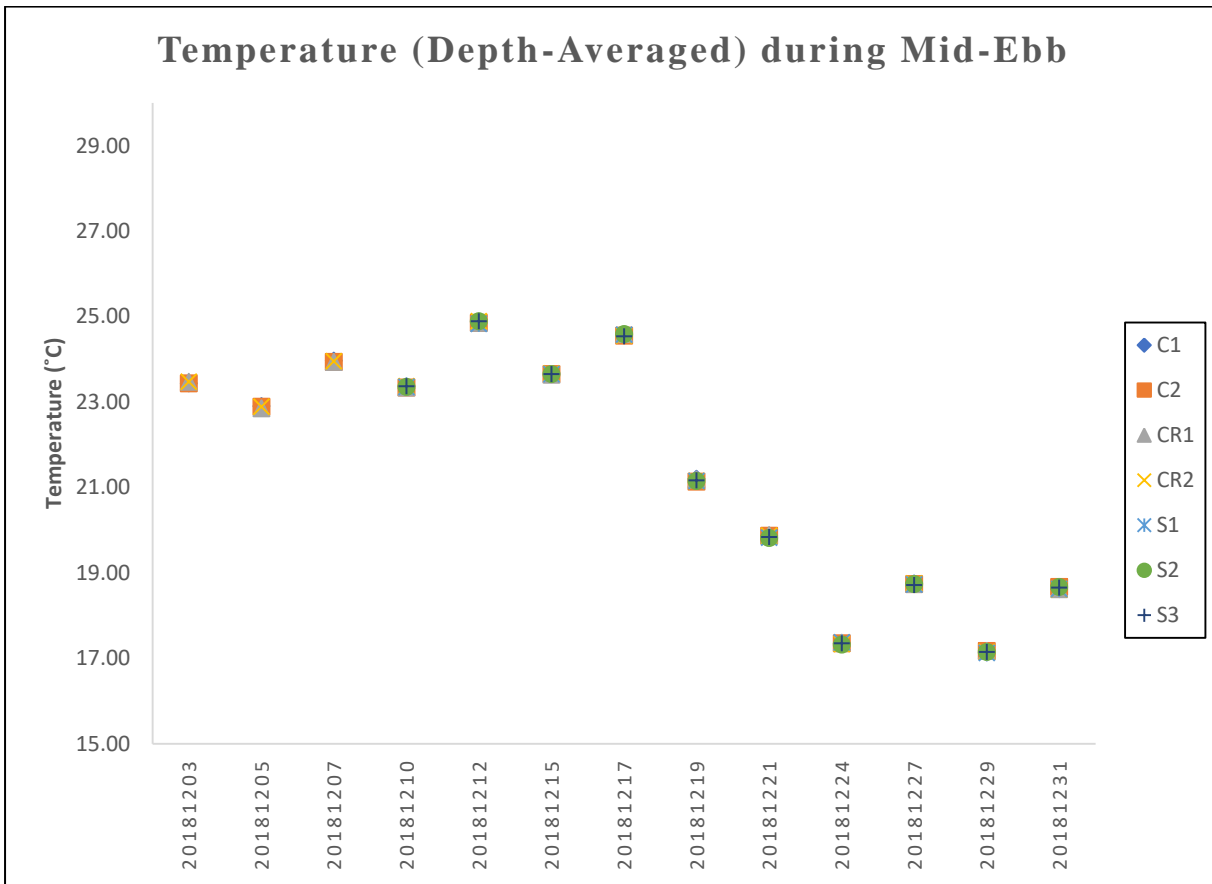
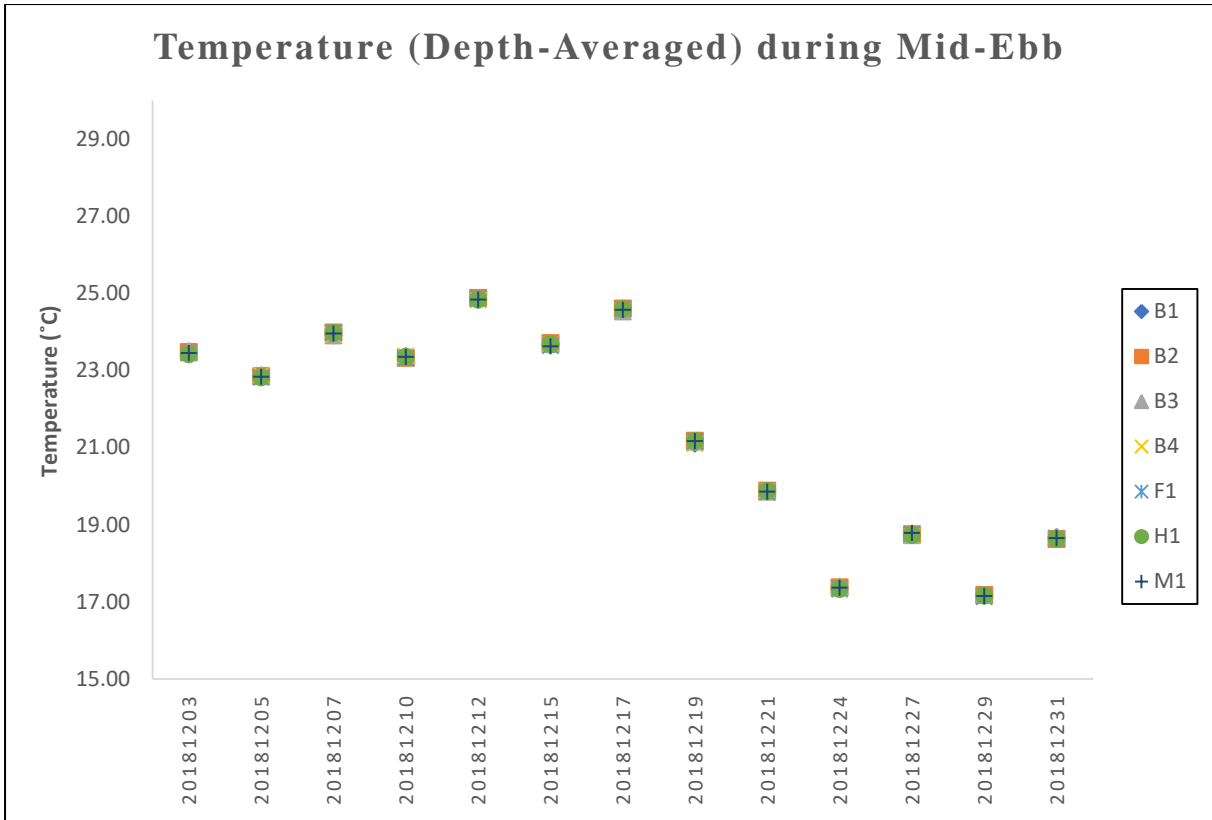
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



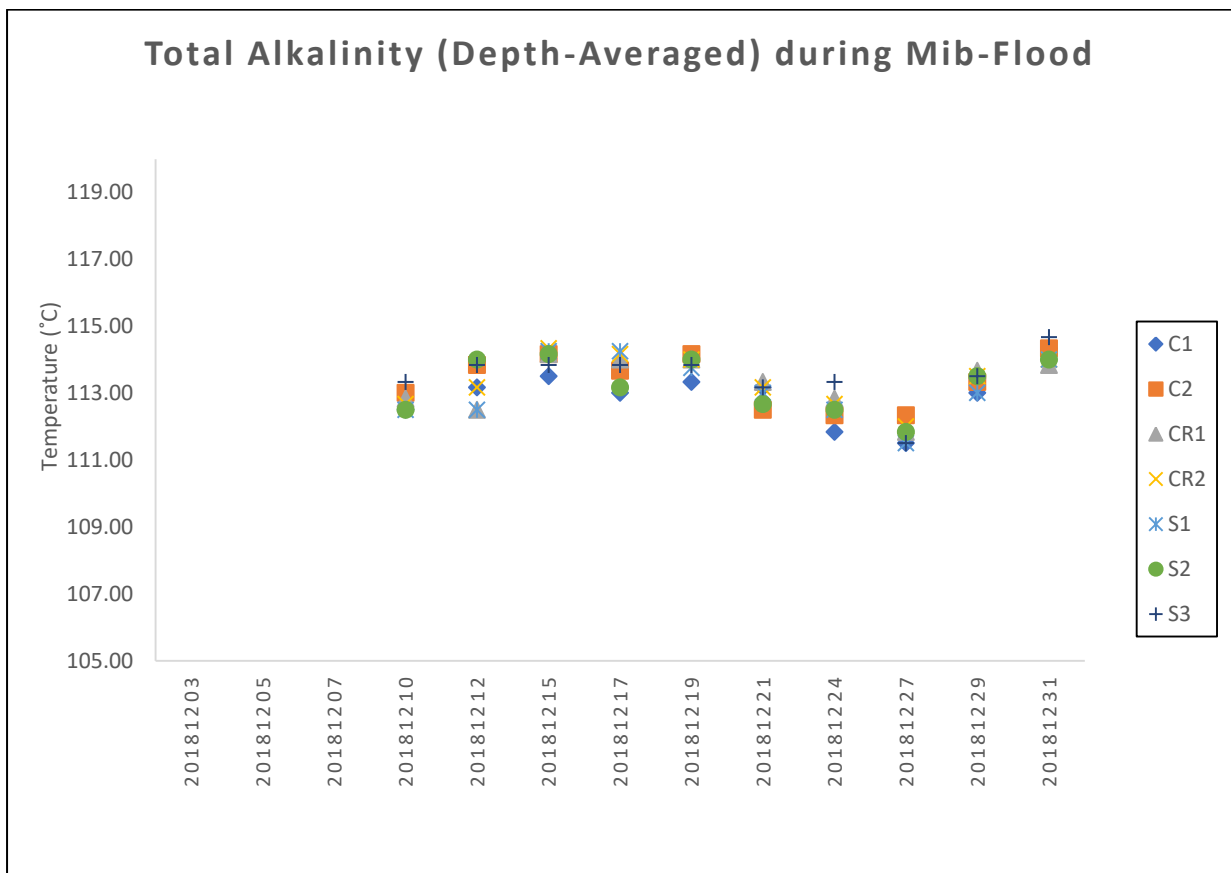
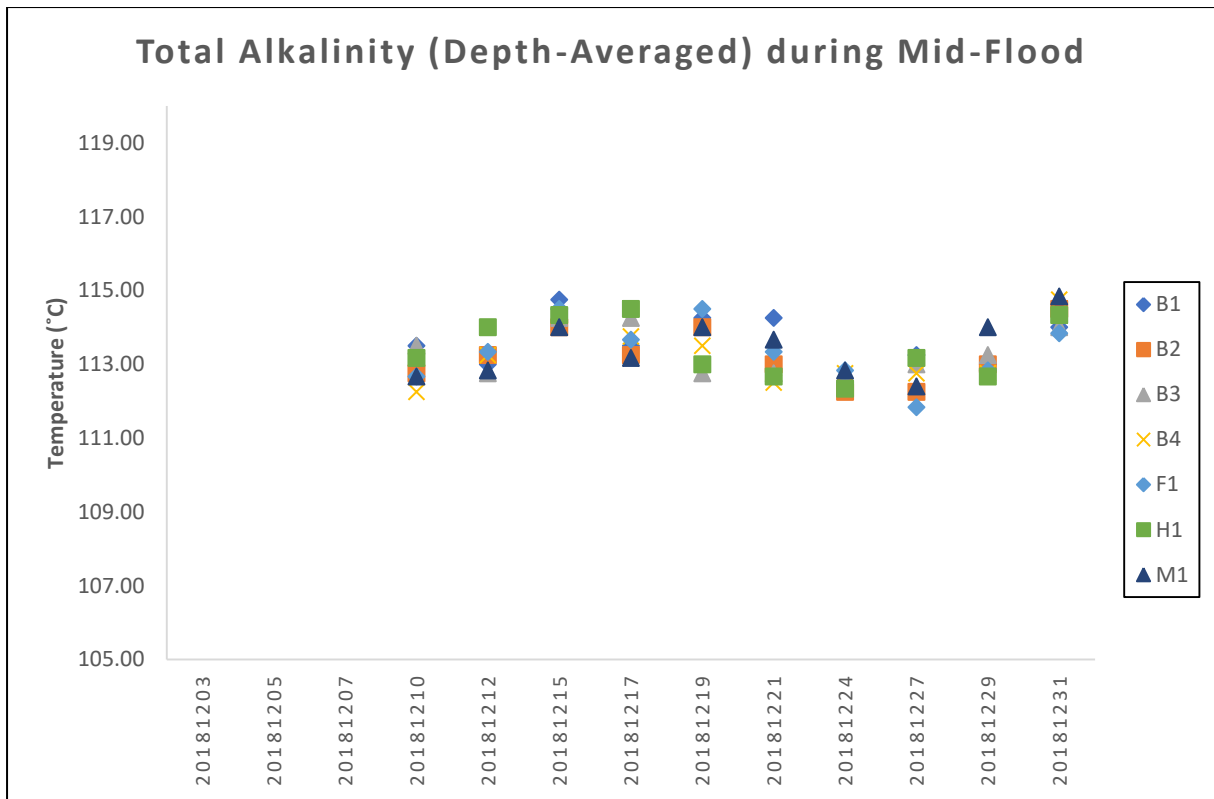
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



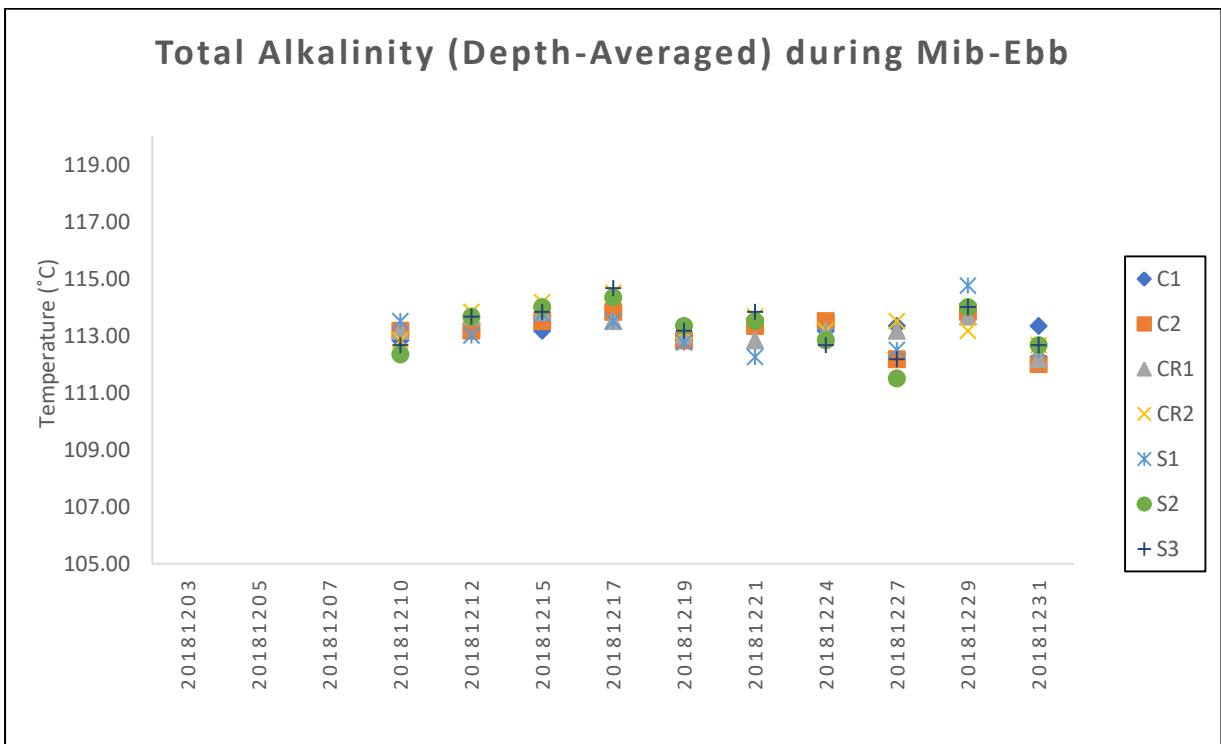
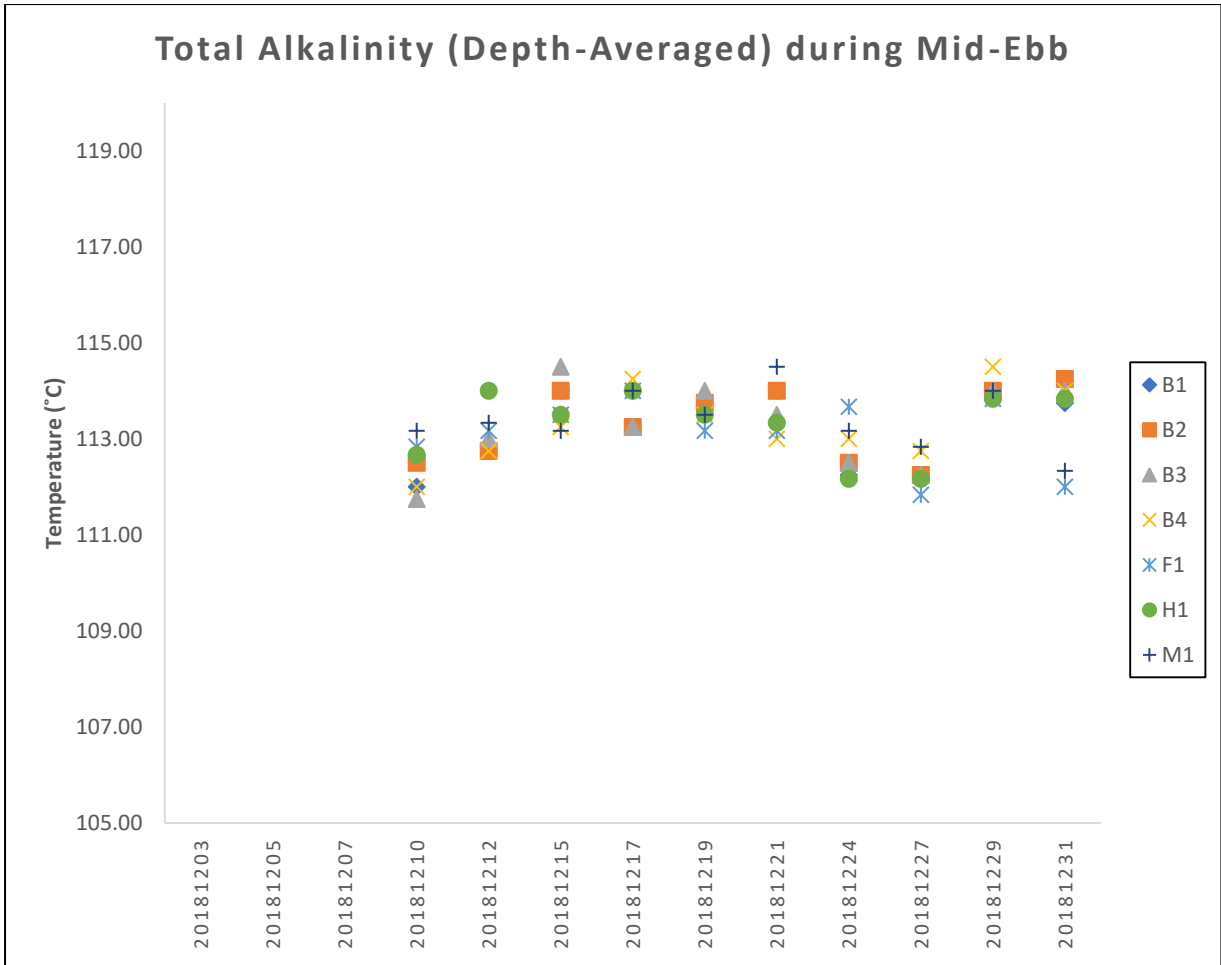
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



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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.



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