

## Appendix D Water Quality Monitoring Data

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C1	20190201	Cloudy	Light	Mid-Ebb	B	10.8	9:57	12.05	8.31	30.58	20.7	3.9	3	112	0.39	E
C1	20190201	Cloudy	Light	Mid-Ebb	B	10.8	9:57	12.1	8.32	30.58	20.8	3.96	3	112	0.38	E
C1	20190201	Cloudy	Light	Mid-Ebb	M	5.9	9:58	12.03	8.5	29.53	20.8	3.31	4	113	0.22	E
C1	20190201	Cloudy	Light	Mid-Ebb	M	5.9	9:59	12.06	8.41	30.59	20.6	3.66	3	112	0.24	E
C1	20190201	Cloudy	Light	Mid-Ebb	S	1	9:59	12.04	8.23	29.89	20.7	3.27	5	112	0.17	E
C1	20190201	Cloudy	Light	Mid-Ebb	S	1	10:00	11.98	8.39	30.55	20.7	3.23	4	112	0.17	E
B1	20190201	Cloudy	Light	Mid-Ebb	B	4.5	10:14	11.33	8.29	30.13	20.7	3.89	6	113	0.31	NE
B1	20190201	Cloudy	Light	Mid-Ebb	B	4.5	10:15	11.23	8.19	29.69	20.6	3.85	6	112	0.31	NE
B1	20190201	Cloudy	Light	Mid-Ebb	S	1	10:15	11.3	8.24	29.87	20.8	3.3	4	112	0.11	NE
B1	20190201	Cloudy	Light	Mid-Ebb	S	1	10:16	11.34	8.22	29.93	20.6	3.3	4	112	0.11	NE
S1	20190201	Cloudy	Light	Mid-Ebb	B	4.6	10:28	10.51	8.46	30.51	20.8	3.79	4	112	0.36	E
S1	20190201	Cloudy	Light	Mid-Ebb	B	4.6	10:28	10.44	8.39	29.71	20.8	3.86	3	112	0.38	E
S1	20190201	Cloudy	Light	Mid-Ebb	S	1	10:29	10.38	8.27	29.83	20.8	3.29	4	113	0.13	E
S1	20190201	Cloudy	Light	Mid-Ebb	S	1	10:30	10.3	8.38	30.35	20.8	3.09	3	113	0.15	E
S2	20190201	Cloudy	Light	Mid-Ebb	B	8.4	10:35	10.41	8.12	30.29	20.8	3.79	3	113	0.39	SE
S2	20190201	Cloudy	Light	Mid-Ebb	B	8.4	10:35	10.39	8.39	30.3	20.7	3.99	4	112	0.39	SE
S2	20190201	Cloudy	Light	Mid-Ebb	M	4.7	10:36	10.37	8.05	30.96	20.6	3.44	3	112	0.23	SE
S2	20190201	Cloudy	Light	Mid-Ebb	M	4.7	10:37	10.37	8.33	30.68	20.7	3.5	3	112	0.23	SE
S2	20190201	Cloudy	Light	Mid-Ebb	S	1	10:37	10.36	8.08	29.73	20.7	3.06	3	112	0.12	SE
S2	20190201	Cloudy	Light	Mid-Ebb	S	1	10:38	10.45	8.37	29.98	20.7	3.03	4	112	0.11	SE
B2	20190201	Cloudy	Light	Mid-Ebb	B	4.5	10:44	11.21	8.2	29.54	20.8	3.99	5	112	0.39	SE
B2	20190201	Cloudy	Light	Mid-Ebb	B	4.5	10:45	11.16	8.49	29.53	20.7	3.75	4	110	0.37	SE
B2	20190201	Cloudy	Light	Mid-Ebb	S	1	10:45	11.2	8.12	29.65	20.6	3.18	5	112	0.14	SE
B2	20190201	Cloudy	Light	Mid-Ebb	S	1	10:46	11.12	8.07	29.73	20.8	3.04	4	113	0.13	SE
H1	20190201	Cloudy	Light	Mid-Ebb	B	8.6	10:53	12.04	8.45	30.64	20.8	3.74	7	112	0.4	E
H1	20190201	Cloudy	Light	Mid-Ebb	B	8.6	10:53	12.13	8.16	29.95	20.6	3.74	6	112	0.38	E
H1	20190201	Cloudy	Light	Mid-Ebb	M	4.8	10:54	12.19	8.49	30.42	20.6	3.62	9	112	0.26	E
H1	20190201	Cloudy	Light	Mid-Ebb	M	4.8	10:55	12.26	8.41	30.14	20.6	3.32	9	112	0.27	E
H1	20190201	Cloudy	Light	Mid-Ebb	S	1	10:56	12.28	8.14	30.73	20.6	3.07	5	112	0.13	E
H1	20190201	Cloudy	Light	Mid-Ebb	S	1	10:56	12.32	8.34	30.41	20.6	3.23	4	112	0.15	E
B3	20190201	Cloudy	Light	Mid-Ebb	B	4.4	11:09	10.01	8.46	30.35	20.7	3.99	5	111	0.36	E
B3	20190201	Cloudy	Light	Mid-Ebb	B	4.4	11:10	9.96	8.16	29.94	20.7	3.92	6	112	0.35	E

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B3	20190201	Cloudy	Light	Mid-Ebb	S	1	11:10	9.89	8.14	30.65	20.7	3.26	4	111	0.13	E
B3	20190201	Cloudy	Light	Mid-Ebb	S	1	11:11	9.83	8.18	30.78	20.6	3.17	5	112	0.14	E
S3	20190201	Cloudy	Light	Mid-Ebb	B	11.2	11:06	11.48	8.12	30.16	20.8	3.9	3	112	0.38	SE
S3	20190201	Cloudy	Light	Mid-Ebb	B	11.2	11:07	11.54	8.41	30.18	20.6	3.73	4	112	0.4	SE
S3	20190201	Cloudy	Light	Mid-Ebb	M	6.1	11:07	11.53	8.14	30.18	20.8	3.69	4	112	0.25	SE
S3	20190201	Cloudy	Light	Mid-Ebb	M	6.1	11:08	11.53	8.34	30.01	20.6	3.58	4	113	0.23	SE
S3	20190201	Cloudy	Light	Mid-Ebb	S	1	11:09	11.48	8.38	29.97	20.8	3.28	4	112	0.15	SE
S3	20190201	Cloudy	Light	Mid-Ebb	S	1	11:09	11.5	8.34	30.41	20.8	3.03	4	113	0.15	SE
CR2	20190201	Cloudy	Light	Mid-Ebb	B	9.5	11:15	10.4	8.16	30.23	20.6	3.94	3	112	0.36	SE
CR2	20190201	Cloudy	Light	Mid-Ebb	B	9.5	11:16	10.39	8.42	29.86	20.6	3.81	4	112	0.36	SE
CR2	20190201	Cloudy	Light	Mid-Ebb	M	5.3	11:17	10.41	8.14	30.76	20.8	3.3	3	113	0.2	SE
CR2	20190201	Cloudy	Light	Mid-Ebb	M	5.3	11:17	10.48	8.18	29.72	20.7	3.3	3	112	0.19	SE
CR2	20190201	Cloudy	Light	Mid-Ebb	S	1	11:18	10.57	8.04	30.47	20.7	3.01	4	112	0.15	SE
CR2	20190201	Cloudy	Light	Mid-Ebb	S	1	11:19	10.6	8.23	30.02	20.8	3.1	4	112	0.16	SE
CR1	20190201	Cloudy	Light	Mid-Ebb	B	8.9	11:28	10.35	8.07	29.73	20.8	3.75	3	112	0.32	SE
CR1	20190201	Cloudy	Light	Mid-Ebb	B	8.9	11:29	10.36	8.39	29.84	20.6	3.88	3	113	0.3	SE
CR1	20190201	Cloudy	Light	Mid-Ebb	M	5	11:30	10.41	8.37	29.55	20.8	3.57	4	113	0.2	SE
CR1	20190201	Cloudy	Light	Mid-Ebb	M	5	11:31	10.48	8.47	30.84	20.7	3.33	4	112	0.21	SE
CR1	20190201	Cloudy	Light	Mid-Ebb	S	1	11:31	10.43	8.26	30.81	20.7	3.13	5	112	0.14	SE
CR1	20190201	Cloudy	Light	Mid-Ebb	S	1	11:32	10.34	8.02	30.61	20.7	3	5	111	0.12	SE
B4	20190201	Cloudy	Light	Mid-Ebb	B	4.5	11:30	11.04	8.47	30.35	20.8	3.75	5	113	0.4	SE
B4	20190201	Cloudy	Light	Mid-Ebb	B	4.5	11:30	11.08	8.5	29.58	20.7	3.7	4	112	0.41	SE
B4	20190201	Cloudy	Light	Mid-Ebb	S	1	11:31	11.1	8.29	29.67	20.7	3.17	9	112	0.2	SE
B4	20190201	Cloudy	Light	Mid-Ebb	S	1	11:32	11.07	8.08	30.13	20.8	3.18	9	112	0.19	SE
M1	20190201	Cloudy	Light	Mid-Ebb	B	8	12:08	10.49	8.3	29.98	20.8	3.92	3	112	0.35	NE
M1	20190201	Cloudy	Light	Mid-Ebb	B	8	12:08	10.5	8.34	29.77	20.8	3.76	4	112	0.34	NE
M1	20190201	Cloudy	Light	Mid-Ebb	M	4.5	12:09	10.53	8.22	30.82	20.6	3.3	3	112	0.26	NE
M1	20190201	Cloudy	Light	Mid-Ebb	M	4.5	12:10	10.53	8.39	30.26	20.6	3.69	4	111	0.27	NE
M1	20190201	Cloudy	Light	Mid-Ebb	S	1	12:11	10.52	8.27	30.53	20.8	3.17	3	112	0.13	NE
M1	20190201	Cloudy	Light	Mid-Ebb	S	1	12:11	10.43	8.17	30.64	20.7	3.12	3	111	0.15	NE
F1	20190201	Cloudy	Light	Mid-Ebb	B	8.1	12:16	10.19	8.29	30.86	20.7	3.92	4	112	0.39	SE
F1	20190201	Cloudy	Light	Mid-Ebb	B	8.1	12:17	10.27	8.08	30.79	20.7	3.89	4	112	0.37	SE

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F1	20190201	Cloudy	Light	Mid-Ebb	M	4.6	12:17	10.18	8.3	30.19	20.6	3.54	4	112	0.26	SE
F1	20190201	Cloudy	Light	Mid-Ebb	M	4.6	12:18	10.13	8.44	30.07	20.7	3.34	4	113	0.27	SE
F1	20190201	Cloudy	Light	Mid-Ebb	S	1	12:19	10.09	8.05	29.7	20.8	3.28	7	112	0.12	SE
F1	20190201	Cloudy	Light	Mid-Ebb	S	1	12:20	10.02	8.41	30.02	20.7	3.07	6	113	0.14	SE
C2	20190201	Cloudy	Light	Mid-Ebb	B	7.8	12:35	11.23	8.06	30.92	20.6	3.98	3	112	0.38	S
C2	20190201	Cloudy	Light	Mid-Ebb	B	7.8	12:36	11.21	8.35	30.43	20.7	3.8	3	112	0.37	S
C2	20190201	Cloudy	Light	Mid-Ebb	M	4.4	12:37	11.17	8.45	30.97	20.6	3.68	4	112	0.27	S
C2	20190201	Cloudy	Light	Mid-Ebb	M	4.4	12:37	11.08	8.18	30.63	20.8	3.48	3	112	0.25	S
C2	20190201	Cloudy	Light	Mid-Ebb	S	1	12:38	11.08	8.06	29.7	20.6	3.06	4	112	0.13	S
C2	20190201	Cloudy	Light	Mid-Ebb	S	1	12:39	11.09	8.05	29.8	20.7	3.19	4	111	0.15	S
C2	20190201	Fine	Calm	Mid-Flood	B	8.3	14:00	12.02	8.04	30.74	20.8	3.92	8	111	0.33	N
C2	20190201	Fine	Calm	Mid-Flood	B	8.3	14:00	11.96	8.3	30.2	20.7	3.74	8	112	0.33	N
C2	20190201	Fine	Calm	Mid-Flood	M	4.7	14:01	11.91	8.09	30.47	20.6	3.45	4	111	0.23	N
C2	20190201	Fine	Calm	Mid-Flood	M	4.7	14:02	11.99	8.47	29.52	20.6	3.34	5	112	0.23	N
C2	20190201	Fine	Calm	Mid-Flood	S	1	14:02	12.09	8.12	29.86	20.7	3.06	4	110	0.13	N
C2	20190201	Fine	Calm	Mid-Flood	S	1	14:03	12.1	8.06	30.35	20.6	3.07	5	111	0.14	N
CR1	20190201	Fine	Calm	Mid-Flood	B	9.1	14:02	11.05	8.44	30.77	20.6	3.84	3	111	0.35	NW
CR1	20190201	Fine	Calm	Mid-Flood	B	9.1	14:03	11.15	8.37	30.04	20.7	3.71	4	111	0.36	NW
CR1	20190201	Fine	Calm	Mid-Flood	M	5.1	14:03	11.11	8.4	30.94	20.6	3.32	3	113	0.3	NW
CR1	20190201	Fine	Calm	Mid-Flood	M	5.1	14:04	11.11	8.15	30.6	20.6	3.3	4	112	0.3	NW
CR1	20190201	Fine	Calm	Mid-Flood	S	1	14:05	11.01	8.24	30.34	20.6	3.16	2	111	0.12	NW
CR1	20190201	Fine	Calm	Mid-Flood	S	1	14:05	11.07	8.25	30.12	20.7	3.08	4	112	0.12	NW
CR2	20190201	Fine	Calm	Mid-Flood	B	10.1	14:17	9.96	8.26	30.7	20.8	3.75	6	112	0.32	NW
CR2	20190201	Fine	Calm	Mid-Flood	B	10.1	14:18	9.92	8.46	29.73	20.6	3.78	6	113	0.33	NW
CR2	20190201	Fine	Calm	Mid-Flood	M	5.6	14:19	9.98	8.3	29.69	20.6	3.45	4	112	0.26	NW
CR2	20190201	Fine	Calm	Mid-Flood	M	5.6	14:19	9.88	8.36	30.27	20.6	3.59	4	112	0.28	NW
CR2	20190201	Fine	Calm	Mid-Flood	S	1	14:20	9.98	8	30.24	20.8	3.28	4	112	0.14	NW
CR2	20190201	Fine	Calm	Mid-Flood	S	1	14:21	9.9	8.32	29.56	20.7	3.22	3	112	0.15	NW
S3	20190201	Fine	Calm	Mid-Flood	B	11.4	14:28	10.06	8.14	30.66	20.8	3.79	2	111	0.38	NW
S3	20190201	Fine	Calm	Mid-Flood	B	11.4	14:29	10.01	8.03	30.69	20.7	3.9	<2	112	0.4	NW
S3	20190201	Fine	Calm	Mid-Flood	M	6.2	14:30	10.09	8.31	29.9	20.7	3.64	4	112	0.2	NW
S3	20190201	Fine	Calm	Mid-Flood	M	6.2	14:31	10.06	8.05	30.91	20.8	3.41	3	111	0.22	NW

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S3	20190201	Fine	Calm	Mid-Flood	S	1	14:31	10.08	8.03	30.86	20.8	3.15	3	110	0.2	NW
S3	20190201	Fine	Calm	Mid-Flood	S	1	14:32	9.99	8.12	30.97	20.6	3.24	4	111	0.21	NW
F1	20190201	Fine	Calm	Mid-Flood	B	8.5	14:27	10.53	8.18	30.01	20.6	3.89	6	112	0.4	NW
F1	20190201	Fine	Calm	Mid-Flood	B	8.5	14:27	10.45	8.41	30.5	20.6	3.95	6	112	0.41	NW
F1	20190201	Fine	Calm	Mid-Flood	M	4.8	14:28	10.44	8.4	30.12	20.7	3.64	5	111	0.21	NW
F1	20190201	Fine	Calm	Mid-Flood	M	4.8	14:29	10.46	8.46	30.07	20.6	3.69	6	111	0.21	NW
F1	20190201	Fine	Calm	Mid-Flood	S	1	14:30	10.47	8.24	30.65	20.7	3.14	5	111	0.15	NW
F1	20190201	Fine	Calm	Mid-Flood	S	1	14:30	10.53	8.31	30.03	20.7	3.22	6	112	0.16	NW
C1	20190201	Fine	Calm	Mid-Flood	B	11.4	14:55	10.71	8	29.64	20.8	3.96	5	112	0.38	NW
C1	20190201	Fine	Calm	Mid-Flood	B	11.4	14:56	10.81	8.42	29.74	20.7	3.96	4	111	0.38	NW
C1	20190201	Fine	Calm	Mid-Flood	M	6.2	14:56	10.73	8.34	30.51	20.7	3.57	4	112	0.25	NW
C1	20190201	Fine	Calm	Mid-Flood	M	6.2	14:57	10.74	8.24	29.63	20.8	3.54	3	110	0.24	NW
C1	20190201	Fine	Calm	Mid-Flood	S	1	14:58	10.66	8.15	29.61	20.6	3.22	4	111	0.11	NW
C1	20190201	Fine	Calm	Mid-Flood	S	1	14:59	10.7	8.17	29.58	20.6	3.26	12	110	0.09	NW
M1	20190201	Fine	Calm	Mid-Flood	B	8.3	14:58	12.03	8.26	30.32	20.8	3.99	6	112	0.31	NW
M1	20190201	Fine	Calm	Mid-Flood	B	8.3	14:59	11.98	8	29.7	20.6	3.87	6	113	0.31	NW
M1	20190201	Fine	Calm	Mid-Flood	M	4.7	15:00	11.96	8.09	30.62	20.6	3.35	10	113	0.27	NW
M1	20190201	Fine	Calm	Mid-Flood	M	4.7	15:00	12	8.49	30.01	20.8	3.61	9	112	0.28	NW
M1	20190201	Fine	Calm	Mid-Flood	S	1	15:01	11.97	8.43	30.11	20.8	3.03	14	111	0.12	NW
M1	20190201	Fine	Calm	Mid-Flood	S	1	15:02	11.87	8.5	29.67	20.8	3.06	15	111	0.14	NW
B1	20190201	Fine	Calm	Mid-Flood	B	4.7	15:16	11.99	8.37	29.8	20.8	3.91	4	112	0.36	NW
B1	20190201	Fine	Calm	Mid-Flood	B	4.7	15:16	12.08	8.13	30.43	20.7	3.79	3	110	0.34	NW
B1	20190201	Fine	Calm	Mid-Flood	S	1	15:17	12.04	8.5	29.91	20.7	3.29	4	112	0.15	NW
B1	20190201	Fine	Calm	Mid-Flood	S	1	15:18	12.07	8.36	30.4	20.8	3.22	3	112	0.14	NW
S1	20190201	Fine	Calm	Mid-Flood	B	4.7	15:25	10.22	8.3	30.31	20.8	3.85	5	112	0.36	NW
S1	20190201	Fine	Calm	Mid-Flood	B	4.7	15:25	10.23	8.28	29.91	20.6	3.86	5	113	0.35	NW
S1	20190201	Fine	Calm	Mid-Flood	S	1	15:26	10.15	8.07	29.79	20.6	3.09	4	111	0.16	NW
S1	20190201	Fine	Calm	Mid-Flood	S	1	15:27	10.06	8.28	30.93	20.8	3.03	4	111	0.15	NW
B2	20190201	Fine	Calm	Mid-Flood	B	4.8	15:36	10.85	8.12	30.57	20.8	3.86	3	111	0.39	N
B2	20190201	Fine	Calm	Mid-Flood	B	4.8	15:37	10.91	8.17	29.55	20.7	3.75	4	112	0.41	N
B2	20190201	Fine	Calm	Mid-Flood	S	1	15:38	10.87	8.47	31	20.6	3.03	<2	112	0.1	N
B2	20190201	Fine	Calm	Mid-Flood	S	1	15:39	10.86	8.28	30.76	20.7	3.28	<2	111	0.1	N

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H1	20190201	Fine	Calm	Mid-Flood	B	8.9	15:41	10.64	8.06	30.72	20.6	3.76	4	111	0.37	W
H1	20190201	Fine	Calm	Mid-Flood	B	8.9	15:42	10.62	8.41	30.84	20.8	3.78	4	110	0.37	W
H1	20190201	Fine	Calm	Mid-Flood	M	5	15:43	10.59	8.04	30.77	20.6	3.67	4	111	0.27	W
H1	20190201	Fine	Calm	Mid-Flood	M	5	15:43	10.49	8.5	30.3	20.6	3.52	5	110	0.26	W
H1	20190201	Fine	Calm	Mid-Flood	S	1	15:44	10.44	8.09	30.22	20.6	3.04	6	113	0.17	W
H1	20190201	Fine	Calm	Mid-Flood	S	1	15:45	10.54	8.32	30.72	20.8	3.26	5	112	0.17	W
S2	20190201	Fine	Calm	Mid-Flood	B	8.7	15:46	11.55	8.17	30.21	20.7	3.86	3	111	0.3	W
S2	20190201	Fine	Calm	Mid-Flood	B	8.7	15:46	11.55	8.42	30.77	20.8	3.8	3	111	0.32	W
S2	20190201	Fine	Calm	Mid-Flood	M	4.9	15:47	11.52	8.38	30.19	20.7	3.42	4	112	0.22	W
S2	20190201	Fine	Calm	Mid-Flood	M	4.9	15:48	11.43	8.29	30.95	20.6	3.49	4	111	0.2	W
S2	20190201	Fine	Calm	Mid-Flood	S	1	15:48	11.45	8.18	30.95	20.7	3.1	4	113	0.17	W
S2	20190201	Fine	Calm	Mid-Flood	S	1	15:49	11.39	8.06	30.51	20.7	3.01	4	111	0.16	W
B3	20190201	Fine	Calm	Mid-Flood	B	4.7	15:53	10.84	8	29.65	20.6	3.92	5	111	0.32	W
B3	20190201	Fine	Calm	Mid-Flood	B	4.7	15:54	10.9	8.22	29.53	20.8	3.75	5	113	0.33	W
B3	20190201	Fine	Calm	Mid-Flood	S	1	15:54	10.83	8.29	30.75	20.7	3.14	7	112	0.18	W
B3	20190201	Fine	Calm	Mid-Flood	S	1	15:55	10.74	8.05	29.86	20.6	3.18	6	112	0.17	W
B4	20190201	Fine	Calm	Mid-Flood	B	4.8	16:04	10.03	8.19	29.91	20.7	3.99	6	111	0.34	NW
B4	20190201	Fine	Calm	Mid-Flood	B	4.8	16:04	9.97	8.07	30.07	20.8	3.86	6	111	0.32	NW
B4	20190201	Fine	Calm	Mid-Flood	S	1	16:05	9.94	8.26	29.77	20.8	3.04	4	112	0.17	NW
B4	20190201	Fine	Calm	Mid-Flood	S	1	16:06	10.03	8.38	30.07	20.6	3.18	5	112	0.17	NW
C1	20190204	Sunny	Light	Mid-Ebb	B	10.8	11:59	12	8.47	31.24	22.5	3.89	4	113	0.39	SE
C1	20190204	Sunny	Light	Mid-Ebb	B	10.8	11:59	12	8.21	31.73	22.7	3.91	4	113	0.4	SE
C1	20190204	Sunny	Light	Mid-Ebb	M	5.9	12:00	12.15	8.1	31.66	22.5	3.52	3	113	0.21	SE
C1	20190204	Sunny	Light	Mid-Ebb	M	5.9	12:01	12.04	8.48	30.7	22.6	3.68	3	112	0.19	SE
C1	20190204	Sunny	Light	Mid-Ebb	S	1	12:01	11.94	8.41	31.34	22.5	3.3	4	112	0.17	SE
C1	20190204	Sunny	Light	Mid-Ebb	S	1	12:02	12.03	8.27	30.83	22.7	3.23	3	112	0.15	SE
F1	20190204	Sunny	Light	Mid-Ebb	B	7.8	12:05	10.1	8.22	30.61	22.5	3.82	5	113	0.32	SE
F1	20190204	Sunny	Light	Mid-Ebb	B	7.8	12:06	10.11	8.09	31.41	22.5	3.96	6	113	0.32	SE
F1	20190204	Sunny	Light	Mid-Ebb	M	4.4	12:06	9.96	8.22	31.55	22.7	3.42	4	112	0.28	SE
F1	20190204	Sunny	Light	Mid-Ebb	M	4.4	12:07	10.03	8.32	31.61	22.6	3.56	4	113	0.28	SE
F1	20190204	Sunny	Light	Mid-Ebb	S	1	12:08	9.85	8.47	31.02	22.5	3.23	3	112	0.19	SE
F1	20190204	Sunny	Light	Mid-Ebb	S	1	12:08	9.78	8.48	30.8	22.5	3.09	2	112	0.2	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B1	20190204	Sunny	Light	Mid-Ebb	B	4.4	12:20	10.52	8.08	30.91	22.7	3.76	5	112	0.38	NE
B1	20190204	Sunny	Light	Mid-Ebb	B	4.4	12:21	10.62	8.19	31.71	22.7	3.94	6	112	0.37	NE
B1	20190204	Sunny	Light	Mid-Ebb	S	1	12:22	10.8	8.11	31.71	22.5	3.08	5	112	0.2	NE
B1	20190204	Sunny	Light	Mid-Ebb	S	1	12:22	10.99	8.02	30.12	22.5	3.11	5	112	0.22	NE
S1	20190204	Sunny	Light	Mid-Ebb	B	4.3	12:27	11.46	8.22	31.79	22.6	3.7	4	113	0.3	E
S1	20190204	Sunny	Light	Mid-Ebb	B	4.3	12:28	11.4	8.11	31.26	22.6	3.79	4	112	0.29	E
S1	20190204	Sunny	Light	Mid-Ebb	S	1	12:28	11.53	8.11	31.25	22.7	3.1	5	112	0.15	E
S1	20190204	Sunny	Light	Mid-Ebb	S	1	12:29	11.58	8.23	31.02	22.5	3.08	6	112	0.17	E
B2	20190204	Sunny	Light	Mid-Ebb	B	4.4	12:34	11.45	8.2	31.76	22.6	3.79	4	112	0.34	SE
B2	20190204	Sunny	Light	Mid-Ebb	B	4.4	12:35	11.5	8.13	31.51	22.6	4	5	113	0.33	SE
B2	20190204	Sunny	Light	Mid-Ebb	S	1	12:35	11.39	8.16	31.04	22.6	3.22	5	113	0.1	SE
B2	20190204	Sunny	Light	Mid-Ebb	S	1	12:36	11.58	8.35	31.48	22.5	3.02	4	112	0.1	SE
M1	20190204	Sunny	Light	Mid-Ebb	B	8.3	12:36	12.3	8.11	31.32	22.5	3.96	11	113	0.36	NW
M1	20190204	Sunny	Light	Mid-Ebb	B	8.3	12:36	12.28	8.23	30.17	22.6	3.84	10	112	0.37	NW
M1	20190204	Sunny	Light	Mid-Ebb	M	4.7	12:37	12.09	8.22	30.61	22.7	3.55	9	112	0.3	NW
M1	20190204	Sunny	Light	Mid-Ebb	M	4.7	12:38	12.02	8.22	30.76	22.7	3.53	10	113	0.3	NW
M1	20190204	Sunny	Light	Mid-Ebb	S	1	12:39	12.09	8.39	31.34	22.7	3.3	10	112	0.13	NW
M1	20190204	Sunny	Light	Mid-Ebb	S	1	12:39	11.98	8.14	30.22	22.7	3.04	9	112	0.15	NW
S2	20190204	Sunny	Light	Mid-Ebb	B	8.2	12:49	10.39	8.3	30.47	22.6	3.93	8	114	0.33	SE
S2	20190204	Sunny	Light	Mid-Ebb	B	8.2	12:50	10.2	8.13	30.61	22.7	3.79	8	112	0.31	SE
S2	20190204	Sunny	Light	Mid-Ebb	M	4.6	12:50	10.11	8.46	30.23	22.5	3.4	8	113	0.25	SE
S2	20190204	Sunny	Light	Mid-Ebb	M	4.6	12:51	9.93	8.47	31.21	22.7	3.61	9	112	0.27	SE
S2	20190204	Sunny	Light	Mid-Ebb	S	1	12:52	10.07	8.49	30.9	22.7	3.12	9	113	0.2	SE
S2	20190204	Sunny	Light	Mid-Ebb	S	1	12:53	9.88	8.42	31.79	22.7	3.02	9	113	0.22	SE
S3	20190204	Sunny	Light	Mid-Ebb	B	11.2	13:01	11.22	8.02	31.31	22.5	3.91	8	112	0.35	SE
S3	20190204	Sunny	Light	Mid-Ebb	B	11.2	13:02	11.34	8.05	31.34	22.5	3.94	7	113	0.34	SE
S3	20190204	Sunny	Light	Mid-Ebb	M	6.1	13:03	11.5	8.45	31.54	22.6	3.54	7	112	0.21	SE
S3	20190204	Sunny	Light	Mid-Ebb	M	6.1	13:03	11.55	8.02	30.1	22.5	3.63	6	112	0.23	SE
S3	20190204	Sunny	Light	Mid-Ebb	S	1	13:04	11.57	8.3	31.7	22.7	3.3	8	112	0.13	SE
S3	20190204	Sunny	Light	Mid-Ebb	S	1	13:05	11.56	8.1	30.23	22.6	3.26	9	113	0.14	SE
CR2	20190204	Sunny	Light	Mid-Ebb	B	9.5	13:09	11.72	8.39	30.65	22.5	3.97	8	112	0.3	SE
CR2	20190204	Sunny	Light	Mid-Ebb	B	9.5	13:09	11.92	8.29	31.02	22.6	3.76	8	113	0.31	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR2	20190204	Sunny	Light	Mid-Ebb	M	5.3	13:10	11.72	8.27	30.99	22.5	3.46	8	113	0.26	SE
CR2	20190204	Sunny	Light	Mid-Ebb	M	5.3	13:11	11.53	8.32	31.04	22.7	3.44	8	112	0.26	SE
CR2	20190204	Sunny	Light	Mid-Ebb	S	1	13:11	11.68	8.19	30.66	22.5	3.29	8	112	0.11	SE
CR2	20190204	Sunny	Light	Mid-Ebb	S	1	13:12	11.74	8.37	30.98	22.5	3.14	9	112	0.12	SE
CR1	20190204	Sunny	Light	Mid-Ebb	B	8.9	13:17	11.5	8.35	30.44	22.6	3.82	7	111	0.36	SE
CR1	20190204	Sunny	Light	Mid-Ebb	B	8.9	13:18	11.45	8.29	31.69	22.7	3.97	6	113	0.34	SE
CR1	20190204	Sunny	Light	Mid-Ebb	M	5	13:18	11.63	8.47	31	22.7	3.34	6	112	0.21	SE
CR1	20190204	Sunny	Light	Mid-Ebb	M	5	13:19	11.76	8.15	30.82	22.6	3.32	7	113	0.23	SE
CR1	20190204	Sunny	Light	Mid-Ebb	S	1	13:20	11.73	8.41	30.31	22.6	3.14	7	113	0.11	SE
CR1	20190204	Sunny	Light	Mid-Ebb	S	1	13:20	11.85	8.02	30.31	22.6	3.28	7	113	0.11	SE
H1	20190204	Sunny	Light	Mid-Ebb	B	8.6	13:23	11.64	8.15	31.39	22.7	3.85	4	113	0.35	E
H1	20190204	Sunny	Light	Mid-Ebb	B	8.6	13:24	11.68	8.05	30.84	22.5	4	4	114	0.36	E
H1	20190204	Sunny	Light	Mid-Ebb	M	4.8	13:25	11.73	8.11	31.04	22.7	3.38	5	112	0.27	E
H1	20190204	Sunny	Light	Mid-Ebb	M	4.8	13:25	11.73	8.24	30.18	22.5	3.49	6	113	0.25	E
H1	20190204	Sunny	Light	Mid-Ebb	S	1	13:26	11.81	8.03	31.72	22.6	3.02	4	113	0.2	E
H1	20190204	Sunny	Light	Mid-Ebb	S	1	13:27	11.78	8.21	31.43	22.6	3.17	4	112	0.19	E
B3	20190204	Sunny	Light	Mid-Ebb	B	4.3	13:42	11.16	8.05	30.25	22.5	3.76	<2	113	0.34	E
B3	20190204	Sunny	Light	Mid-Ebb	B	4.3	13:42	11.07	8.05	30.12	22.6	3.96	3	112	0.33	E
B3	20190204	Sunny	Light	Mid-Ebb	S	1	13:43	11.18	8.28	31.47	22.5	3.01	3	112	0.18	E
B3	20190204	Sunny	Light	Mid-Ebb	S	1	13:44	11.06	8.32	31.71	22.7	3.24	3	113	0.19	E
B4	20190204	Sunny	Light	Mid-Ebb	B	4.4	13:55	10.41	8.1	30.7	22.6	4	4	113	0.38	SE
B4	20190204	Sunny	Light	Mid-Ebb	B	4.4	13:56	10.29	8.39	31.08	22.7	3.91	5	112	0.36	SE
B4	20190204	Sunny	Light	Mid-Ebb	S	1	13:57	10.36	8.26	30.31	22.5	3.28	4	114	0.12	SE
B4	20190204	Sunny	Light	Mid-Ebb	S	1	13:58	10.55	8.21	31.72	22.7	3.23	Note 2	113	0.12	SE
C2	20190204	Sunny	Light	Mid-Ebb	B	8.2	14:20	12.29	8.14	30.14	22.5	3.85	3	113	0.3	S
C2	20190204	Sunny	Light	Mid-Ebb	B	8.2	14:21	12.2	8.11	31.17	22.7	3.73	3	112	0.31	S
C2	20190204	Sunny	Light	Mid-Ebb	M	4.6	14:22	12.29	8.35	30.27	22.6	3.4	3	111	0.26	S
C2	20190204	Sunny	Light	Mid-Ebb	M	4.6	14:22	12.18	8.41	30.31	22.7	3.47	3	113	0.24	S
C2	20190204	Sunny	Light	Mid-Ebb	S	1	14:23	12.33	8.49	30.65	22.7	3.28	2	113	0.18	S
C2	20190204	Sunny	Light	Mid-Ebb	S	1	14:24	12.33	8.4	30.97	22.7	3.19	3	112	0.19	S
C2	20190204	Cloudy	Moderate	Mid-Flood	B	8.5	14:50	11.21	8.25	30.92	22.7	3.98	5	112	0.39	NE
C2	20190204	Cloudy	Moderate	Mid-Flood	B	8.5	14:50	11.04	8.47	30.16	22.5	3.79	6	111	0.38	NE



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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C2	20190204	Cloudy	Moderate	Mid-Flood	M	4.8	14:51	10.85	8.18	30.2	22.5	3.7	6	112	0.23	NE
C2	20190204	Cloudy	Moderate	Mid-Flood	M	4.8	14:52	11.03	8.17	31.43	22.7	3.61	6	111	0.23	NE
C2	20190204	Cloudy	Moderate	Mid-Flood	S	1	14:52	11.14	8.48	31.26	22.7	3.03	5	113	0.11	NE
C2	20190204	Cloudy	Moderate	Mid-Flood	S	1	14:53	11.06	8.07	31.02	22.7	3.08	4	111	0.13	NE
CR1	20190204	Cloudy	Moderate	Mid-Flood	B	9.2	14:51	12.14	8.14	31.45	22.5	3.9	6	112	0.38	NW
CR1	20190204	Cloudy	Moderate	Mid-Flood	B	9.2	14:52	12.12	8.21	30.61	22.5	3.92	5	113	0.38	NW
CR1	20190204	Cloudy	Moderate	Mid-Flood	M	5.1	14:52	12.31	8.48	30.72	22.5	3.54	4	112	0.24	NW
CR1	20190204	Cloudy	Moderate	Mid-Flood	M	5.1	14:53	12.26	8.08	30.75	22.6	3.67	5	113	0.22	NW
CR1	20190204	Cloudy	Moderate	Mid-Flood	S	1	14:54	12.42	8.38	31.07	22.6	3.16	5	112	0.15	NW
CR1	20190204	Cloudy	Moderate	Mid-Flood	S	1	14:54	12.47	8.28	31.15	22.7	3.11	5	112	0.14	NW
CR2	20190204	Cloudy	Moderate	Mid-Flood	B	9.8	15:01	10.64	8.44	31.78	22.5	3.96	6	111	0.31	NW
CR2	20190204	Cloudy	Moderate	Mid-Flood	B	9.8	15:02	10.66	8.05	30.13	22.7	3.81	6	112	0.31	NW
CR2	20190204	Cloudy	Moderate	Mid-Flood	M	5.4	15:03	10.82	8.09	30.65	22.6	3.56	5	112	0.2	NW
CR2	20190204	Cloudy	Moderate	Mid-Flood	M	5.4	15:03	10.69	8.35	30.73	22.5	3.53	5	112	0.21	NW
CR2	20190204	Cloudy	Moderate	Mid-Flood	S	1	15:04	10.54	8.41	31	22.5	3.25	6	112	0.18	NW
CR2	20190204	Cloudy	Moderate	Mid-Flood	S	1	15:05	10.65	8.25	31.51	22.5	3.25	5	111	0.17	NW
S3	20190204	Cloudy	Moderate	Mid-Flood	B	11.4	15:09	12.17	8.31	30.23	22.5	3.87	7	112	0.38	NW
S3	20190204	Cloudy	Moderate	Mid-Flood	B	11.4	15:10	12.1	8.42	30.63	22.7	3.9	6	112	0.39	NW
S3	20190204	Cloudy	Moderate	Mid-Flood	M	6.2	15:11	12.14	8.5	31.54	22.7	3.4	6	111	0.2	NW
S3	20190204	Cloudy	Moderate	Mid-Flood	M	6.2	15:12	12.14	8.5	31.28	22.5	3.59	6	111	0.19	NW
S3	20190204	Cloudy	Moderate	Mid-Flood	S	1	15:12	12.08	8.26	31.62	22.6	3.15	6	112	0.12	NW
S3	20190204	Cloudy	Moderate	Mid-Flood	S	1	15:13	12.07	8.2	30.68	22.7	3.06	7	113	0.14	NW
F1	20190204	Cloudy	Moderate	Mid-Flood	B	8.2	15:12	10.28	8.32	31.19	22.5	3.71	6	112	0.36	NW
F1	20190204	Cloudy	Moderate	Mid-Flood	B	8.2	15:12	10.37	8.19	30.3	22.5	3.75	5	111	0.36	NW
F1	20190204	Cloudy	Moderate	Mid-Flood	M	4.6	15:13	10.43	8.46	30.74	22.6	3.65	5	112	0.28	NW
F1	20190204	Cloudy	Moderate	Mid-Flood	M	4.6	15:14	10.35	8.07	30.98	22.6	3.56	4	112	0.3	NW
F1	20190204	Cloudy	Moderate	Mid-Flood	S	1	15:15	10.38	8.11	31.51	22.6	3.11	6	112	0.2	NW
F1	20190204	Cloudy	Moderate	Mid-Flood	S	1	15:15	10.26	8.3	30.68	22.5	3.3	5	111	0.19	NW
C1	20190204	Cloudy	Moderate	Mid-Flood	B	11.2	15:34	11.25	8.32	31.13	22.6	3.76	4	112	0.36	NW
C1	20190204	Cloudy	Moderate	Mid-Flood	B	11.2	15:35	11.19	8.21	30.83	22.7	3.97	4	111	0.34	NW
C1	20190204	Cloudy	Moderate	Mid-Flood	M	6.1	15:35	11.01	8.46	30.84	22.7	3.39	3	111	0.25	NW
C1	20190204	Cloudy	Moderate	Mid-Flood	M	6.1	15:36	11.18	8.46	31.39	22.7	3.38	4	112	0.25	NW

Contract No. EP/SP/66/12  
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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C1	20190204	Cloudy	Moderate	Mid-Flood	S	1	15:37	11.16	8.41	31.75	22.5	3.08	4	112	0.17	NW
C1	20190204	Cloudy	Moderate	Mid-Flood	S	1	15:38	11.05	8.3	31.5	22.7	3.06	4	111	0.17	NW
M1	20190204	Cloudy	Moderate	Mid-Flood	B	8.5	15:44	10.94	8.06	31.25	22.6	3.79	5	113	0.33	NW
M1	20190204	Cloudy	Moderate	Mid-Flood	B	8.5	15:45	10.83	8.21	30.77	22.6	3.93	6	111	0.32	NW
M1	20190204	Cloudy	Moderate	Mid-Flood	M	4.8	15:46	10.9	8.16	30.33	22.7	3.3	5	112	0.25	NW
M1	20190204	Cloudy	Moderate	Mid-Flood	M	4.8	15:46	10.96	8.36	30.7	22.7	3.4	6	112	0.26	NW
M1	20190204	Cloudy	Moderate	Mid-Flood	S	1	15:47	10.88	8.03	30.7	22.6	3.03	4	112	0.1	N
M1	20190204	Cloudy	Moderate	Mid-Flood	S	1	15:48	10.79	8.39	30.46	22.7	3.19	5	112	0.11	NW
B1	20190204	Cloudy	Moderate	Mid-Flood	B	4.7	15:57	11.14	8.08	30.72	22.5	3.72	10	111	0.4	NW
B1	20190204	Cloudy	Moderate	Mid-Flood	B	4.7	15:57	11.18	8.45	30.35	22.6	3.94	9	112	0.42	NW
B1	20190204	Cloudy	Moderate	Mid-Flood	S	1	15:58	11.34	8.21	31.74	22.7	3.07	6	112	0.15	NW
B1	20190204	Cloudy	Moderate	Mid-Flood	S	1	15:59	11.35	8.29	31.54	22.7	3.24	6	112	0.14	NW
S1	20190204	Cloudy	Moderate	Mid-Flood	B	4.6	16:04	11.57	8.45	30.14	22.7	3.71	4	112	0.3	W
S1	20190204	Cloudy	Moderate	Mid-Flood	B	4.6	16:04	11.65	8.25	31.52	22.5	3.97	4	112	0.32	W
S1	20190204	Cloudy	Moderate	Mid-Flood	S	1	16:05	11.76	8.08	30.11	22.5	3.24	4	112	0.18	W
S1	20190204	Cloudy	Moderate	Mid-Flood	S	1	16:06	11.96	8.17	30.57	22.7	3.13	4	111	0.18	W
B2	20190204	Cloudy	Moderate	Mid-Flood	B	4.7	16:12	10.58	8.07	30.3	22.7	3.88	5	111	0.31	N
B2	20190204	Cloudy	Moderate	Mid-Flood	B	4.7	16:13	10.72	8.21	30.57	22.7	3.86	4	112	0.3	N
B2	20190204	Cloudy	Moderate	Mid-Flood	S	1	16:14	10.8	8.05	30.59	22.7	3.29	4	112	0.12	N
B2	20190204	Cloudy	Moderate	Mid-Flood	S	1	16:15	10.73	8.34	31.43	22.6	3.13	5	112	0.13	N
S2	20190204	Cloudy	Moderate	Mid-Flood	B	9.5	16:28	11.75	8.28	30.36	22.6	3.74	4	112	0.4	NW
S2	20190204	Cloudy	Moderate	Mid-Flood	B	9.5	16:29	11.65	8.03	30.96	22.7	3.84	5	112	0.4	NW
S2	20190204	Cloudy	Moderate	Mid-Flood	M	5.3	16:30	11.66	8.38	31.64	22.6	3.45	5	112	0.22	NW
S2	20190204	Cloudy	Moderate	Mid-Flood	M	5.3	16:30	11.61	8.35	31.77	22.5	3.67	6	112	0.21	NW
S2	20190204	Cloudy	Moderate	Mid-Flood	S	1	16:31	11.49	8.2	31.15	22.7	3	5	111	0.18	NW
S2	20190204	Cloudy	Moderate	Mid-Flood	S	1	16:32	11.52	8.39	30.31	22.7	3.2	6	111	0.2	NW
H1	20190204	Cloudy	Moderate	Mid-Flood	B	9.1	16:39	12.14	8	31.11	22.7	3.82	7	111	0.37	W
H1	20190204	Cloudy	Moderate	Mid-Flood	B	9.1	16:39	12.07	8.36	31.26	22.6	3.84	6	112	0.35	W
H1	20190204	Cloudy	Moderate	Mid-Flood	M	5.1	16:40	12.09	8.5	30.65	22.5	3.59	7	112	0.2	W
H1	20190204	Cloudy	Moderate	Mid-Flood	M	5.1	16:41	11.92	8.06	30.45	22.7	3.32	7	112	0.21	W
H1	20190204	Cloudy	Moderate	Mid-Flood	S	1	16:41	11.81	8	30.67	22.7	3.23	5	112	0.1	W
H1	20190204	Cloudy	Moderate	Mid-Flood	S	1	16:42	11.94	8.23	30.65	22.5	3.3	6	111	0.09	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B3	20190204	Cloudy	Moderate	Mid-Flood	B	4.7	16:39	10.28	8.33	30.13	22.5	3.89	7	110	0.37	W
B3	20190204	Cloudy	Moderate	Mid-Flood	B	4.7	16:40	10.29	8.28	31.71	22.5	3.91	7	112	0.35	W
B3	20190204	Cloudy	Moderate	Mid-Flood	S	1	16:40	10.37	8.2	31.08	22.7	3.16	5	111	0.13	W
B3	20190204	Cloudy	Moderate	Mid-Flood	S	1	16:41	10.19	8.16	30.74	22.5	3.02	4	112	0.15	W
B4	20190204	Cloudy	Moderate	Mid-Flood	B	4.7	16:47	12.3	8.33	30.3	22.5	3.75	6	111	0.37	NW
B4	20190204	Cloudy	Moderate	Mid-Flood	B	4.7	16:47	12.33	8.09	31.08	22.6	3.85	5	112	0.36	NW
B4	20190204	Cloudy	Moderate	Mid-Flood	S	1	16:48	12.4	8.17	30.41	22.6	3.01	5	112	0.14	NW
B4	20190204	Cloudy	Moderate	Mid-Flood	S	1	16:49	12.25	8.24	30.44	22.6	3.15	6	111	0.15	NW
C2	20190208	Cloudy	Calm	Mid-Flood	B	8.4	8:56	10.3	8.25	30.15	21.6	3.66	8	112	0.36	NE
C2	20190208	Cloudy	Calm	Mid-Flood	B	8.4	8:56	10.32	8.5	31.2	21.6	3.68	8	111	0.34	NE
C2	20190208	Cloudy	Calm	Mid-Flood	M	4.7	8:57	10.37	8.4	30.63	21.4	2.03	8	111	0.26	NE
C2	20190208	Cloudy	Calm	Mid-Flood	M	4.7	8:58	10.37	8.3	30.75	21.5	2.02	9	112	0.24	NE
C2	20190208	Cloudy	Calm	Mid-Flood	S	1	8:58	10.49	8.35	30.86	21.5	1.56	6	112	0.16	NE
C2	20190208	Cloudy	Calm	Mid-Flood	S	1	8:59	10.61	8.46	30.31	21.5	1.58	5	111	0.16	NE
CR1	20190208	Cloudy	Calm	Mid-Flood	B	9.1	9:07	10.72	8.48	30.99	21.4	3.11	4	112	0.35	NW
CR1	20190208	Cloudy	Calm	Mid-Flood	B	9.1	9:08	10.55	8.33	30.33	21.4	3.01	4	112	0.34	NW
CR1	20190208	Cloudy	Calm	Mid-Flood	M	5.1	9:08	10.35	8.33	30.83	21.4	2.43	3	112	0.32	NW
CR1	20190208	Cloudy	Calm	Mid-Flood	M	5.1	9:09	10.34	8.22	30.68	21.5	2.38	4	112	0.33	NW
CR1	20190208	Cloudy	Calm	Mid-Flood	S	1	9:10	10.45	8.5	31.38	21.4	1.39	5	111	0.16	NW
CR1	20190208	Cloudy	Calm	Mid-Flood	S	1	9:10	10.62	8.44	30.65	21.4	1.42	5	112	0.15	NW
CR2	20190208	Cloudy	Calm	Mid-Flood	B	9.7	9:19	9.96	8.25	30.22	21.6	3.45	7	111	0.39	NW
CR2	20190208	Cloudy	Calm	Mid-Flood	B	9.7	9:20	9.8	8.33	30.39	21.5	3.45	6	112	0.41	NW
CR2	20190208	Cloudy	Calm	Mid-Flood	M	5.4	9:21	9.65	8.5	29.82	21.4	2.27	7	112	0.28	NW
CR2	20190208	Cloudy	Calm	Mid-Flood	M	5.4	9:21	9.48	8.14	31.1	21.4	2.2	7	111	0.3	NW
CR2	20190208	Cloudy	Calm	Mid-Flood	S	1	9:22	9.43	8.01	30.35	21.6	1.34	8	111	0.21	NW
CR2	20190208	Cloudy	Calm	Mid-Flood	S	1	9:23	9.43	8.43	30.98	21.4	1.33	8	112	0.23	NW
F1	20190208	Cloudy	Calm	Mid-Flood	B	8.3	9:20	10.96	8.2	30.14	21.6	3.18	2	111	0.36	NW
F1	20190208	Cloudy	Calm	Mid-Flood	B	8.3	9:21	11.13	8.33	31.11	21.5	3.12	3	111	0.35	NW
F1	20190208	Cloudy	Calm	Mid-Flood	M	4.7	9:22	10.98	8.28	30.78	21.4	2.21	4	111	0.27	NW
F1	20190208	Cloudy	Calm	Mid-Flood	M	4.7	9:23	10.91	8.06	31	21.6	2.2	4	111	0.29	NW
F1	20190208	Cloudy	Calm	Mid-Flood	S	1	9:23	10.81	8	30.85	21.6	1.05	4	112	0.2	NW
F1	20190208	Cloudy	Calm	Mid-Flood	S	1	9:24	10.63	8.2	30.28	21.6	0.96	4	111	0.18	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
S3	20190208	Cloudy	Calm	Mid-Flood	B	11.3	9:27	10.82	8.26	30.67	21.6	3.67	5	111	0.39	NW
S3	20190208	Cloudy	Calm	Mid-Flood	B	11.3	9:27	11.02	8.27	31.27	21.6	3.6	4	112	0.38	NW
S3	20190208	Cloudy	Calm	Mid-Flood	M	6.2	9:28	10.99	8.3	30	21.6	2.68	5	112	0.32	NW
S3	20190208	Cloudy	Calm	Mid-Flood	M	6.2	9:29	10.94	8.17	30.16	21.6	2.59	4	111	0.31	NW
S3	20190208	Cloudy	Calm	Mid-Flood	S	1	9:30	10.78	8.4	30.46	21.5	1.79	5	110	0.15	NW
S3	20190208	Cloudy	Calm	Mid-Flood	S	1	9:30	10.89	8.22	30.95	21.4	1.84	6	112	0.16	NW
C1	20190208	Cloudy	Calm	Mid-Flood	B	11.4	9:51	11.42	8.11	29.87	21.6	4	4	111	0.44	NW
C1	20190208	Cloudy	Calm	Mid-Flood	B	11.4	9:52	11.23	8.32	30.42	21.6	4.07	3	111	0.46	NW
C1	20190208	Cloudy	Calm	Mid-Flood	M	6.2	9:52	11.05	8.25	30.61	21.4	2.92	4	111	0.35	NW
C1	20190208	Cloudy	Calm	Mid-Flood	M	6.2	9:53	11.13	8.5	30.52	21.5	2.93	3	110	0.36	NW
C1	20190208	Cloudy	Calm	Mid-Flood	S	1	9:54	11.14	8.4	30.29	21.5	1.81	3	111	0.23	NW
C1	20190208	Cloudy	Calm	Mid-Flood	S	1	9:55	11.3	8.04	31.09	21.4	1.84	3	110	0.22	NW
M1	20190208	Cloudy	Calm	Mid-Flood	B	8.6	9:56	10.53	8.29	30	21.6	3.5	4	111	0.43	NW
M1	20190208	Cloudy	Calm	Mid-Flood	B	8.6	9:57	10.39	8.49	30.05	21.4	3.52	4	113	0.41	NW
M1	20190208	Cloudy	Calm	Mid-Flood	M	4.8	9:58	10.35	8.39	30.03	21.5	2.78	4	111	0.25	NW
M1	20190208	Cloudy	Calm	Mid-Flood	M	4.8	9:58	10.21	8.02	30.23	21.4	2.7	5	112	0.24	NW
M1	20190208	Cloudy	Calm	Mid-Flood	S	1	9:59	10.39	8.49	30.05	21.6	1.98	4	112	0.15	NW
M1	20190208	Cloudy	Calm	Mid-Flood	S	1	10:00	10.57	8.28	30.06	21.5	1.96	5	112	0.13	NW
B1	20190208	Cloudy	Calm	Mid-Flood	B	4.8	10:16	11.24	8.1	30.98	21.5	3.17	4	111	0.43	NW
B1	20190208	Cloudy	Calm	Mid-Flood	B	4.8	10:16	11.36	8.12	30.69	21.5	3.16	3	110	0.43	NW
B1	20190208	Cloudy	Calm	Mid-Flood	S	1	10:17	11.35	8.34	29.93	21.5	1.15	2	112	0.17	NW
B1	20190208	Cloudy	Calm	Mid-Flood	S	1	10:18	11.48	8.43	29.91	21.6	1.17	2	112	0.17	NW
S1	20190208	Cloudy	Calm	Mid-Flood	B	4.7	10:27	10.48	8.05	29.92	21.6	3.05	2	111	0.42	W
S1	20190208	Cloudy	Calm	Mid-Flood	B	4.7	10:28	10.67	8.2	29.9	21.6	3.09	2	111	0.41	W
S1	20190208	Cloudy	Calm	Mid-Flood	S	1	10:29	10.47	8.05	31.04	21.4	1.79	5	112	0.19	W
S1	20190208	Cloudy	Calm	Mid-Flood	S	1	10:30	10.35	8.44	30.14	21.4	1.71	4	112	0.17	W
B2	20190208	Cloudy	Calm	Mid-Flood	B	4.7	10:37	10.24	8.1	29.9	21.6	3.2	4	112	0.37	N
B2	20190208	Cloudy	Calm	Mid-Flood	B	4.7	10:38	10.38	8.47	30.49	21.6	3.19	5	112	0.37	N
B2	20190208	Cloudy	Calm	Mid-Flood	S	1	10:39	10.34	8.49	30.95	21.6	1.51	4	112	0.2	N
B2	20190208	Cloudy	Calm	Mid-Flood	S	1	10:39	10.31	8.03	30.9	21.5	1.61	5	110	0.18	N
H1	20190208	Cloudy	Calm	Mid-Flood	B	9.2	10:40	9.56	8.46	31.15	21.6	3.05	3	112	0.39	W
H1	20190208	Cloudy	Calm	Mid-Flood	B	9.2	10:41	9.72	8	30.68	21.4	3.05	4	110	0.4	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <sup>note 1</sup>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <sup>Note 3</sup>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
H1	20190208	Cloudy	Calm	Mid-Flood	M	5.1	10:42	9.8	8.11	30.35	21.4	2.48	2	112	0.29	W
H1	20190208	Cloudy	Calm	Mid-Flood	M	5.1	10:42	9.67	8.27	31.07	21.4	2.38	<2	110	0.28	W
H1	20190208	Cloudy	Calm	Mid-Flood	S	1	10:43	9.78	8.15	31.09	21.5	1.59	4	111	0.19	W
H1	20190208	Cloudy	Calm	Mid-Flood	S	1	10:44	9.65	8.29	31.13	21.6	1.69	3	111	0.2	W
S2	20190208	Cloudy	Calm	Mid-Flood	B	9.3	10:53	11.26	8.42	30.29	21.4	3.03	4	111	0.43	W
S2	20190208	Cloudy	Calm	Mid-Flood	B	9.3	10:53	11.2	8.46	30.49	21.4	3.1	5	111	0.42	W
S2	20190208	Cloudy	Calm	Mid-Flood	M	5.2	10:54	11.32	8.37	30.92	21.5	2.91	6	111	0.33	W
S2	20190208	Cloudy	Calm	Mid-Flood	M	5.2	10:55	11.33	8.2	30.9	21.4	2.88	6	111	0.32	W
S2	20190208	Cloudy	Calm	Mid-Flood	S	1	10:55	11.45	8.14	29.93	21.5	1.19	6	112	0.15	W
S2	20190208	Cloudy	Calm	Mid-Flood	S	1	10:56	11.65	8.48	30.68	21.5	1.28	5	111	0.14	W
B3	20190208	Cloudy	Calm	Mid-Flood	B	4.8	10:59	11.05	8.31	30.2	21.5	3.02	4	111	0.41	W
B3	20190208	Cloudy	Calm	Mid-Flood	B	4.8	11:00	11.07	8.22	30.03	21.5	2.92	4	111	0.39	W
B3	20190208	Cloudy	Calm	Mid-Flood	S	1	11:00	10.87	8.47	31.11	21.6	1.59	2	112	0.24	W
B3	20190208	Cloudy	Calm	Mid-Flood	S	1	11:01	10.91	8.11	30.33	21.6	1.64	3	111	0.26	W
B4	20190208	Cloudy	Calm	Mid-Flood	B	4.7	11:13	10.52	8.47	31.02	21.6	3.91	4	111	0.43	NW
B4	20190208	Cloudy	Calm	Mid-Flood	B	4.7	11:13	10.6	8.5	30.99	21.5	3.96	4	112	0.44	NW
B4	20190208	Cloudy	Calm	Mid-Flood	S	1	11:14	10.7	8.5	30.69	21.4	1.09	4	111	0.15	NW
B4	20190208	Cloudy	Calm	Mid-Flood	S	1	11:15	10.89	8.32	29.94	21.5	1.03	5	110	0.17	NW
C1	20190208	Fine	Moderate	Mid-Ebb	B	10.7	12:16	10.33	8.39	30.5	21.4	3.19	6	112	0.39	SE
C1	20190208	Fine	Moderate	Mid-Ebb	B	10.7	12:16	10.36	8.12	30.99	21.5	3.11	5	112	0.41	SE
C1	20190208	Fine	Moderate	Mid-Ebb	M	5.9	12:17	10.31	8.04	30.66	21.5	2.07	8	111	0.33	SE
C1	20190208	Fine	Moderate	Mid-Ebb	M	5.9	12:18	10.11	8.38	30.69	21.4	2.03	8	113	0.34	SE
C1	20190208	Fine	Moderate	Mid-Ebb	S	1	12:18	10	8.25	30.16	21.5	1.82	7	112	0.18	SE
C1	20190208	Fine	Moderate	Mid-Ebb	S	1	12:19	9.83	8.23	30.29	21.6	1.89	8	112	0.19	SE
B1	20190208	Fine	Moderate	Mid-Ebb	B	4.4	13:11	10.38	8.46	30.76	21.4	3.02	6	111	0.39	NE
B1	20190208	Fine	Moderate	Mid-Ebb	B	4.4	13:12	10.38	8.09	30.85	21.4	3	6	112	0.37	NE
B1	20190208	Fine	Moderate	Mid-Ebb	S	1	13:12	10.24	8.33	29.99	21.6	1.99	6	112	0.16	NE
B1	20190208	Fine	Moderate	Mid-Ebb	S	1	13:13	10.33	8.5	31.25	21.4	2.07	6	112	0.15	NE
F1	20190208	Fine	Moderate	Mid-Ebb	B	7.7	13:17	10.32	8.29	30.8	21.6	3.86	6	113	0.44	SE
F1	20190208	Fine	Moderate	Mid-Ebb	B	7.7	13:17	10.26	8.27	30.33	21.5	3.83	6	111	0.45	SE
F1	20190208	Fine	Moderate	Mid-Ebb	M	4.4	13:18	10.35	8.41	30.29	21.4	2.74	5	112	0.33	SE
F1	20190208	Fine	Moderate	Mid-Ebb	M	4.4	13:19	10.46	8.27	29.86	21.5	2.67	6	111	0.32	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
F1	20190208	Fine	Moderate	Mid-Ebb	S	1	13:20	10.46	8.23	30.78	21.5	1.55	6	113	0.15	SE
F1	20190208	Fine	Moderate	Mid-Ebb	S	1	13:20	10.52	8.05	30.3	21.6	1.53	6	112	0.17	SE
S1	20190208	Fine	Moderate	Mid-Ebb	B	4.4	13:22	11.38	8.2	29.94	21.4	3.57	10	111	0.43	E
S1	20190208	Fine	Moderate	Mid-Ebb	B	4.4	13:23	11.29	8.29	31.24	21.6	3.48	9	111	0.42	E
S1	20190208	Fine	Moderate	Mid-Ebb	S	1	13:23	11.45	8.01	31.04	21.4	1.13	6	112	0.25	E
S1	20190208	Fine	Moderate	Mid-Ebb	S	1	13:24	11.65	8.23	31.27	21.4	1.2	6	112	0.25	E
B2	20190208	Fine	Moderate	Mid-Ebb	B	4.3	13:31	11.31	8.18	29.84	21.4	3.56	8	112	0.39	SE
B2	20190208	Fine	Moderate	Mid-Ebb	B	4.3	13:32	11.13	8.14	31.02	21.4	3.51	9	111	0.38	SE
B2	20190208	Fine	Moderate	Mid-Ebb	S	1	13:32	11.17	8.15	31.09	21.6	1.16	7	112	0.24	SE
B2	20190208	Fine	Moderate	Mid-Ebb	S	1	13:33	11.02	8.24	31.4	21.6	1.23	7	111	0.23	SE
S2	20190208	Fine	Moderate	Mid-Ebb	B	8.1	13:47	10.32	8.22	31.19	21.4	3.23	6	112	0.38	SE
S2	20190208	Fine	Moderate	Mid-Ebb	B	8.1	13:47	10.33	8.15	31.05	21.6	3.19	7	112	0.39	SE
S2	20190208	Fine	Moderate	Mid-Ebb	M	4.6	13:48	10.38	8.22	30.89	21.4	2.54	6	112	0.26	SE
S2	20190208	Fine	Moderate	Mid-Ebb	M	4.6	13:49	10.19	8.06	29.96	21.5	2.44	7	112	0.28	SE
S2	20190208	Fine	Moderate	Mid-Ebb	S	1	13:50	10.28	8.14	29.9	21.6	1.36	5	112	0.19	SE
S2	20190208	Fine	Moderate	Mid-Ebb	S	1	13:50	10.28	8.19	30.74	21.5	1.4	4	112	0.2	SE
M1	20190208	Fine	Moderate	Mid-Ebb	B	8.4	13:50	10.41	8.01	30.71	21.6	3.89	6	112	0.37	N
M1	20190208	Fine	Moderate	Mid-Ebb	B	8.4	13:51	10.34	8.24	31.14	21.6	3.88	7	110	0.38	N
M1	20190208	Fine	Moderate	Mid-Ebb	M	4.7	13:51	10.34	8.11	30.68	21.5	2.8	6	111	0.27	N
M1	20190208	Fine	Moderate	Mid-Ebb	M	4.7	13:52	10.5	8.36	30.01	21.6	2.87	5	112	0.25	N
M1	20190208	Fine	Moderate	Mid-Ebb	S	1	13:53	10.49	8	30.29	21.6	1.85	7	111	0.21	N
M1	20190208	Fine	Moderate	Mid-Ebb	S	1	13:54	10.58	8.39	29.98	21.5	1.85	6	112	0.22	N
CR2	20190208	Fine	Moderate	Mid-Ebb	B	9.4	14:00	11.04	8.19	30.1	21.4	3.2	4	111	0.38	SE
CR2	20190208	Fine	Moderate	Mid-Ebb	B	9.4	14:01	10.91	8.48	30.4	21.5	3.15	3	111	0.39	SE
CR2	20190208	Fine	Moderate	Mid-Ebb	M	5.2	14:02	10.71	8.03	30.18	21.6	2.34	5	112	0.34	SE
CR2	20190208	Fine	Moderate	Mid-Ebb	M	5.2	14:02	10.56	8.39	30.38	21.4	2.41	5	111	0.36	SE
CR2	20190208	Fine	Moderate	Mid-Ebb	S	1	14:03	10.4	8.28	30.64	21.5	1.55	5	112	0.17	SE
CR2	20190208	Fine	Moderate	Mid-Ebb	S	1	14:04	10.57	8.36	30.1	21.5	1.63	6	111	0.15	SE
S3	20190208	Fine	Moderate	Mid-Ebb	B	11.1	14:10	10.21	8.29	30.52	21.4	3.82	7	112	0.38	SE
S3	20190208	Fine	Moderate	Mid-Ebb	B	11.1	14:10	10.09	8.46	31.23	21.4	3.79	7	112	0.37	SE
S3	20190208	Fine	Moderate	Mid-Ebb	M	6.1	14:11	10.09	8.05	30.93	21.5	2.93	7	112	0.33	SE
S3	20190208	Fine	Moderate	Mid-Ebb	M	6.1	14:12	10.24	8.12	30.82	21.4	2.99	7	111	0.34	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <sup>note 1</sup>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <sup>Note 3</sup>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
S3	20190208	Fine	Moderate	Mid-Ebb	S	1	14:13	10.11	8.42	29.82	21.5	1.24	6	111	0.25	SE
S3	20190208	Fine	Moderate	Mid-Ebb	S	1	14:13	10.28	8.07	30.89	21.6	1.19	5	111	0.23	SE
CR1	20190208	Fine	Moderate	Mid-Ebb	B	9	14:22	9.85	8.43	31	21.4	3.63	6	111	0.44	SE
CR1	20190208	Fine	Moderate	Mid-Ebb	B	9	14:23	10.01	8.27	30.24	21.6	3.55	7	112	0.42	SE
CR1	20190208	Fine	Moderate	Mid-Ebb	M	5	14:23	9.93	8.43	30.86	21.6	2.06	6	112	0.35	SE
CR1	20190208	Fine	Moderate	Mid-Ebb	M	5	14:24	9.9	8.36	30.09	21.5	2.05	6	111	0.35	SE
CR1	20190208	Fine	Moderate	Mid-Ebb	S	1	14:25	9.72	8.05	30.12	21.5	1.19	7	112	0.23	SE
CR1	20190208	Fine	Moderate	Mid-Ebb	S	1	14:26	9.56	8.13	30.19	21.5	1.17	6	111	0.21	SE
H1	20190208	Fine	Moderate	Mid-Ebb	B	8.7	14:34	11.39	8.1	31.34	21.6	3.41	7	112	0.44	SE
H1	20190208	Fine	Moderate	Mid-Ebb	B	8.7	14:35	11.31	8.04	30.23	21.5	3.49	7	112	0.44	SE
H1	20190208	Fine	Moderate	Mid-Ebb	M	4.9	14:36	11.49	8.3	30.52	21.4	2.85	8	112	0.32	SE
H1	20190208	Fine	Moderate	Mid-Ebb	M	4.9	14:36	11.65	8.49	30.12	21.6	2.91	8	112	0.3	SE
H1	20190208	Fine	Moderate	Mid-Ebb	S	1	14:37	11.77	8.17	29.92	21.4	1.98	10	112	0.22	SE
H1	20190208	Fine	Moderate	Mid-Ebb	S	1	14:38	11.76	8.21	30.35	21.5	1.96	9	113	0.24	SE
B3	20190208	Fine	Moderate	Mid-Ebb	B	4.4	14:38	10.95	8.07	30.19	21.6	3.03	8	112	0.41	E
B3	20190208	Fine	Moderate	Mid-Ebb	B	4.4	14:38	10.94	8.02	29.92	21.4	3.04	8	111	0.4	E
B3	20190208	Fine	Moderate	Mid-Ebb	S	1	14:39	11.01	8.41	30.11	21.4	1.2	4	113	0.24	E
B3	20190208	Fine	Moderate	Mid-Ebb	S	1	14:40	10.9	8.24	31.09	21.6	1.1	4	112	0.23	E
B4	20190208	Fine	Moderate	Mid-Ebb	B	4.5	14:49	9.98	8.39	30.96	21.5	3.42	6	112	0.41	SE
B4	20190208	Fine	Moderate	Mid-Ebb	B	4.5	14:50	9.84	8.18	30.88	21.5	3.34	6	112	0.4	SE
B4	20190208	Fine	Moderate	Mid-Ebb	S	1	14:51	9.87	8.17	31.16	21.4	1.69	6	112	0.2	SE
B4	20190208	Fine	Moderate	Mid-Ebb	S	1	14:52	9.88	8.43	30.36	21.6	1.64	5	112	0.21	SE
C2	20190208	Fine	Moderate	Mid-Ebb	B	8.3	15:00	10.04	8.33	30.44	21.4	3.59	5	112	0.36	S
C2	20190208	Fine	Moderate	Mid-Ebb	B	8.3	15:01	10.1	8.24	30.16	21.5	3.67	5	112	0.37	S
C2	20190208	Fine	Moderate	Mid-Ebb	M	4.7	15:02	10.17	8.16	31.22	21.5	2.75	5	112	0.3	S
C2	20190208	Fine	Moderate	Mid-Ebb	M	4.7	15:02	10.32	8.16	31.16	21.6	2.77	4	112	0.31	S
C2	20190208	Fine	Moderate	Mid-Ebb	S	1	15:03	10.12	8.49	31.23	21.4	1.25	6	113	0.18	S
C2	20190208	Fine	Moderate	Mid-Ebb	S	1	15:04	10.06	8.43	30.71	21.4	1.29	6	112	0.19	S
C2	20190211	Sunny	Calm	Mid-Flood	B	8.6	9:05	10.24	8.11	30.01	21.4	3.98	3	-	-	-
C2	20190211	Sunny	Calm	Mid-Flood	B	8.6	9:05	10.26	8.18	30.1	21.4	3.9	3	-	-	-
C2	20190211	Sunny	Calm	Mid-Flood	M	4.8	9:06	10.42	8.1	30.63	21.4	2.9	<2	-	-	-
C2	20190211	Sunny	Calm	Mid-Flood	M	4.8	9:06	10.23	8.46	30.08	21.4	2.94	3	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C2	20190211	Sunny	Calm	Mid-Flood	S	1	9:07	10.4	8.31	30.16	21.4	2.15	3	-	-	-
C2	20190211	Sunny	Calm	Mid-Flood	S	1	9:08	10.48	8.13	29.79	21.4	2.33	<2	-	-	-
B4	20190211	Sunny	Calm	Mid-Flood	B	4.7	9:15	10.54	8.33	30.03	21.3	3.52	2	-	-	-
B4	20190211	Sunny	Calm	Mid-Flood	B	4.7	9:16	10.41	8.03	30.69	21.4	4.12	3	-	-	-
B4	20190211	Sunny	Calm	Mid-Flood	S	1	9:16	10.47	8	30.95	21.3	2.22	4	-	-	-
B4	20190211	Sunny	Calm	Mid-Flood	S	1	9:17	10.64	8.4	30.1	21.4	2.11	4	-	-	-
B3	20190211	Sunny	Calm	Mid-Flood	B	4.8	9:24	11.66	8.26	31.15	21.3	3.51	4	-	-	-
B3	20190211	Sunny	Calm	Mid-Flood	B	4.8	9:24	11.65	8.37	30.4	21.4	3.65	3	-	-	-
B3	20190211	Sunny	Calm	Mid-Flood	S	1	9:25	11.68	8.45	30.47	21.2	1.63	<2	-	-	-
B3	20190211	Sunny	Calm	Mid-Flood	S	1	9:26	11.52	8.13	30.09	21.4	1.5	2	-	-	-
H1	20190211	Sunny	Calm	Mid-Flood	B	8.7	9:18	11.09	8.48	30.6	21.2	3.63	3	-	-	-
H1	20190211	Sunny	Calm	Mid-Flood	B	8.7	9:19	11.07	8.46	31.15	21.4	3.69	2	-	-	-
H1	20190211	Sunny	Calm	Mid-Flood	M	4.9	9:19	11.1	8.31	30.5	21.2	3.34	3	-	-	-
H1	20190211	Sunny	Calm	Mid-Flood	M	4.9	9:20	10.98	8.18	30.6	21.2	2.94	3	-	-	-
H1	20190211	Sunny	Calm	Mid-Flood	S	1	9:21	10.88	8.44	30.25	21.3	1.55	2	-	-	-
H1	20190211	Sunny	Calm	Mid-Flood	S	1	9:21	10.69	8.28	30.01	21.2	2.1	3	-	-	-
CR2	20190211	Sunny	Calm	Mid-Flood	B	9.7	9:37	11.34	8.09	30.58	21.2	3.91	4	-	-	-
CR2	20190211	Sunny	Calm	Mid-Flood	B	9.7	9:37	11.16	8.39	30.61	21.4	4.33	4	-	-	-
CR2	20190211	Sunny	Calm	Mid-Flood	M	5.4	9:38	11	8.4	30.99	21.2	3.12	3	-	-	-
CR2	20190211	Sunny	Calm	Mid-Flood	M	5.4	9:39	10.97	8.4	31.16	21.4	2.93	3	-	-	-
CR2	20190211	Sunny	Calm	Mid-Flood	S	1	9:39	11.12	8.16	29.8	21.3	1.65	4	-	-	-
CR2	20190211	Sunny	Calm	Mid-Flood	S	1	9:40	11.18	8.09	30.84	21.3	2.27	3	-	-	-
B2	20190211	Sunny	Calm	Mid-Flood	B	4.7	9:47	11.04	8.15	31.16	21.4	4.13	<2	-	-	-
B2	20190211	Sunny	Calm	Mid-Flood	B	4.7	9:47	10.97	8.13	30.54	21.3	4.25	<2	-	-	-
B2	20190211	Sunny	Calm	Mid-Flood	S	1	9:48	10.9	8.13	30.74	21.4	2.49	3	-	-	-
B2	20190211	Sunny	Calm	Mid-Flood	S	1	9:48	10.74	8.16	29.71	21.4	1.74	3	-	-	-
B1	20190211	Sunny	Calm	Mid-Flood	B	4.6	10:01	10.64	8.41	30.57	21.3	4.25	4	-	-	-
B1	20190211	Sunny	Calm	Mid-Flood	B	4.6	10:02	10.63	8.22	29.8	21.2	4.06	5	-	-	-
B1	20190211	Sunny	Calm	Mid-Flood	S	1	10:02	10.56	8.3	31.14	21.2	1.85	3	-	-	-
B1	20190211	Sunny	Calm	Mid-Flood	S	1	10:03	10.58	8.16	30.63	21.4	1.6	2	-	-	-
CR1	20190211	Sunny	Calm	Mid-Flood	B	9.1	9:51	10.84	8.4	29.92	21.2	3.95	3	-	-	-
CR1	20190211	Sunny	Calm	Mid-Flood	B	9.1	9:52	11.01	8.06	30.93	21.3	4.26	3	-	-	-



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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR1	20190211	Sunny	Calm	Mid-Flood	M	5.1	9:53	11.08	8.19	30.27	21.3	3.32	3	-	-	-
CR1	20190211	Sunny	Calm	Mid-Flood	M	5.1	9:53	11	8.18	29.98	21.2	3.02	<2	-	-	-
CR1	20190211	Sunny	Calm	Mid-Flood	S	1	9:54	10.9	8.26	31.03	21.2	1.72	2	-	-	-
CR1	20190211	Sunny	Calm	Mid-Flood	S	1	9:55	10.76	8.07	30.74	21.2	2.46	<2	-	-	-
C1	20190211	Sunny	Calm	Mid-Flood	B	11.3	10:28	11.42	8.27	29.73	21.3	3.73	2	-	-	-
C1	20190211	Sunny	Calm	Mid-Flood	B	11.3	10:29	11.48	8.2	30.32	21.2	4.08	2	-	-	-
C1	20190211	Sunny	Calm	Mid-Flood	M	6.2	10:29	11.48	8.11	30.81	21.2	3.45	4	-	-	-
C1	20190211	Sunny	Calm	Mid-Flood	M	6.2	10:30	11.29	8.19	29.98	21.2	3.19	3	-	-	-
C1	20190211	Sunny	Calm	Mid-Flood	S	1	10:31	11.47	8.37	30.06	21.3	1.86	3	-	-	-
C1	20190211	Sunny	Calm	Mid-Flood	S	1	10:31	11.66	8.01	30.11	21.2	1.54	3	-	-	-
F1	20190211	Sunny	Calm	Mid-Flood	B	8.1	11:43	11	8.5	29.97	21.2	3.9	<2	-	-	-
F1	20190211	Sunny	Calm	Mid-Flood	B	8.1	11:43	11.04	8.28	30.96	21.4	3.64	<2	-	-	-
F1	20190211	Sunny	Calm	Mid-Flood	M	4.6	11:44	10.96	8.33	29.82	21.2	3.02	<2	-	-	-
F1	20190211	Sunny	Calm	Mid-Flood	M	4.6	11:45	10.99	8.03	31.17	21.2	2.8	<2	-	-	-
F1	20190211	Sunny	Calm	Mid-Flood	S	1	11:45	10.89	8.39	31.17	21.3	1.75	<2	-	-	-
F1	20190211	Sunny	Calm	Mid-Flood	S	1	11:46	10.72	8.09	30.48	21.3	1.87	2	-	-	-
M1	20190211	Sunny	Calm	Mid-Flood	B	8.3	12:16	11.19	8.35	30.65	21.2	4.32	2	-	-	-
M1	20190211	Sunny	Calm	Mid-Flood	B	8.3	12:16	11.07	8.12	29.98	21.2	3.93	2	-	-	-
M1	20190211	Sunny	Calm	Mid-Flood	M	4.7	12:17	11.26	8.29	30.83	21.4	3.34	2	-	-	-
M1	20190211	Sunny	Calm	Mid-Flood	M	4.7	12:17	11.22	8.5	30.29	21.2	2.54	3	-	-	-
M1	20190211	Sunny	Calm	Mid-Flood	S	1	12:18	11.31	8.46	30.03	21.3	2.4	2	-	-	-
M1	20190211	Sunny	Calm	Mid-Flood	S	1	12:19	11.13	8.07	30.74	21.2	2.21	3	-	-	-
C1	20190211	Cloudy	Light	Mid-Ebb	B	10.9	14:52	11.1	8.1	30.97	21.3	3.76	6	-	-	-
C1	20190211	Cloudy	Light	Mid-Ebb	B	10.9	14:53	11.26	8.14	30.85	21.4	4.14	6	-	-	-
C1	20190211	Cloudy	Light	Mid-Ebb	M	6	14:54	11.3	8.03	30.16	21.2	3.08	5	-	-	-
C1	20190211	Cloudy	Light	Mid-Ebb	M	6	14:54	11.16	8.47	30.42	21.2	2.53	4	-	-	-
C1	20190211	Cloudy	Light	Mid-Ebb	S	1	14:55	11	8.44	30.18	21.3	1.53	4	-	-	-
C1	20190211	Cloudy	Light	Mid-Ebb	S	1	14:55	11.15	8.16	30.84	21.4	2.48	3	-	-	-
B1	20190211	Cloudy	Light	Mid-Ebb	B	4.4	15:31	11.34	8.44	30.36	21.2	4.15	5	-	-	-
B1	20190211	Cloudy	Light	Mid-Ebb	B	4.4	15:32	11.45	8.36	30.14	21.3	4.3	4	-	-	-
B1	20190211	Cloudy	Light	Mid-Ebb	S	1	15:32	11.32	8.31	30.33	21.4	2.47	5	-	-	-
B1	20190211	Cloudy	Light	Mid-Ebb	S	1	15:33	11.46	8.34	29.92	21.2	1.53	5	-	-	-

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B2	20190211	Cloudy	Light	Mid-Ebb	B	4.4	15:40	10.66	8.26	30.94	21.3	3.52	5	-	-	-
B2	20190211	Cloudy	Light	Mid-Ebb	B	4.4	15:41	10.85	8.2	29.99	21.3	3.83	4	-	-	-
B2	20190211	Cloudy	Light	Mid-Ebb	S	1	15:42	10.78	8.16	30.07	21.2	1.95	5	-	-	-
B2	20190211	Cloudy	Light	Mid-Ebb	S	1	15:42	10.96	8.01	30.59	21.2	2.45	4	-	-	-
B3	20190211	Cloudy	Light	Mid-Ebb	B	4.5	16:04	10.92	8.39	30.34	21.3	4.12	7	-	-	-
B3	20190211	Cloudy	Light	Mid-Ebb	B	4.5	16:05	11.01	8.03	30.24	21.2	4.44	6	-	-	-
B3	20190211	Cloudy	Light	Mid-Ebb	S	1	16:05	11.1	8.38	30.91	21.3	2.18	5	-	-	-
B3	20190211	Cloudy	Light	Mid-Ebb	S	1	16:06	11.15	8.23	30.17	21.2	2.44	4	-	-	-
B4	20190211	Cloudy	Light	Mid-Ebb	B	4.5	16:13	11.01	8.34	30.25	21.4	3.99	6	-	-	-
B4	20190211	Cloudy	Light	Mid-Ebb	B	4.5	16:14	11.06	8.06	30.21	21.4	4.1	7	-	-	-
B4	20190211	Cloudy	Light	Mid-Ebb	S	1	16:15	11.02	8.37	30.1	21.4	2.48	6	-	-	-
B4	20190211	Cloudy	Light	Mid-Ebb	S	1	16:15	11.22	8	30.3	21.2	2.18	6	-	-	-
C2	20190211	Cloudy	Light	Mid-Ebb	B	8.3	16:24	10.82	8.48	29.71	21.4	3.8	5	-	-	-
C2	20190211	Cloudy	Light	Mid-Ebb	B	8.3	16:24	10.76	8.36	30.71	21.4	4.32	6	-	-	-
C2	20190211	Cloudy	Light	Mid-Ebb	M	4.7	16:25	10.75	8.25	30.86	21.4	2.64	6	-	-	-
C2	20190211	Cloudy	Light	Mid-Ebb	M	4.7	16:26	10.73	8.29	31.02	21.4	3.49	5	-	-	-
C2	20190211	Cloudy	Light	Mid-Ebb	S	1	16:26	10.53	8.12	31.13	21.4	1.67	6	-	-	-
C2	20190211	Cloudy	Light	Mid-Ebb	S	1	16:27	10.68	8.34	31.15	21.4	1.74	5	-	-	-
F1	20190211	Cloudy	Light	Mid-Ebb	B	7.9	16:44	10.93	8.16	30.13	21.3	4.35	6	-	-	-
F1	20190211	Cloudy	Light	Mid-Ebb	B	7.9	16:44	10.95	8.33	30.06	21.2	4.18	7	-	-	-
F1	20190211	Cloudy	Light	Mid-Ebb	M	4.5	16:45	11.1	8.09	30.42	21.3	3.12	5	-	-	-
F1	20190211	Cloudy	Light	Mid-Ebb	M	4.5	16:45	11.19	8.13	30.78	21.3	2.8	6	-	-	-
F1	20190211	Cloudy	Light	Mid-Ebb	S	1	16:46	11.39	8.19	31.14	21.3	1.84	5	-	-	-
F1	20190211	Cloudy	Light	Mid-Ebb	S	1	16:47	11.48	8.16	29.92	21.2	2.24	6	-	-	-
M1	20190211	Cloudy	Light	Mid-Ebb	B	8.2	17:10	10.84	8.2	30.34	21.3	3.59	4	-	-	-
M1	20190211	Cloudy	Light	Mid-Ebb	B	8.2	17:11	10.94	8.46	30.26	21.2	4.04	4	-	-	-
M1	20190211	Cloudy	Light	Mid-Ebb	M	4.6	17:11	10.75	8.21	30.12	21.4	2.54	4	-	-	-
M1	20190211	Cloudy	Light	Mid-Ebb	M	4.6	17:12	10.68	8.44	30.9	21.2	3.38	5	-	-	-
M1	20190211	Cloudy	Light	Mid-Ebb	S	1	17:13	10.62	8.21	30.98	21.2	1.99	6	-	-	-
M1	20190211	Cloudy	Light	Mid-Ebb	S	1	17:13	10.45	8.03	30.48	21.2	1.5	6	-	-	-
H1	20190211	Cloudy	Light	Mid-Ebb	B	8.5	14:53	11.27	8.25	30.04	21.2	3.7	2	-	-	-
H1	20190211	Cloudy	Light	Mid-Ebb	B	8.5	14:54	11.11	8.03	30.45	21.3	3.53	2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
H1	20190211	Cloudy	Light	Mid-Ebb	M	4.8	14:54	11.21	8.42	30.52	21.3	3.33	2	-	-	-
H1	20190211	Cloudy	Light	Mid-Ebb	M	4.8	14:55	11.37	8.48	29.9	21.3	3.35	2	-	-	-
H1	20190211	Cloudy	Light	Mid-Ebb	S	1	14:55	11.34	8.43	30.34	21.2	1.87	2	-	-	-
H1	20190211	Cloudy	Light	Mid-Ebb	S	1	14:56	11.17	8.32	30.22	21.2	1.99	3	-	-	-
CR2	20190211	Cloudy	Light	Mid-Ebb	B	9.4	15:13	10.41	8.29	30.41	21.4	4.03	<2	-	-	-
CR2	20190211	Cloudy	Light	Mid-Ebb	B	9.4	15:13	10.31	8.08	30.69	21.3	4.17	<2	-	-	-
CR2	20190211	Cloudy	Light	Mid-Ebb	M	5.2	15:14	10.28	8.49	30.78	21.4	3.36	4	-	-	-
CR2	20190211	Cloudy	Light	Mid-Ebb	M	5.2	15:14	10.26	8.43	30.93	21.2	3.21	3	-	-	-
CR2	20190211	Cloudy	Light	Mid-Ebb	S	1	15:15	10.08	8.34	31.04	21.2	2.45	4	-	-	-
CR2	20190211	Cloudy	Light	Mid-Ebb	S	1	15:16	10.13	8.18	31.16	21.4	2.18	3	-	-	-
CR1	20190211	Cloudy	Light	Mid-Ebb	B	8.8	15:27	10.83	8.24	30.08	21.2	4.4	4	-	-	-
CR1	20190211	Cloudy	Light	Mid-Ebb	B	8.8	15:28	10.77	8.12	30.43	21.3	3.77	3	-	-	-
CR1	20190211	Cloudy	Light	Mid-Ebb	M	4.9	15:29	10.76	8.45	30.74	21.3	2.59	2	-	-	-
CR1	20190211	Cloudy	Light	Mid-Ebb	M	4.9	15:29	10.81	8.18	31.06	21.4	3.01	<2	-	-	-
CR1	20190211	Cloudy	Light	Mid-Ebb	S	1	15:30	10.7	8.17	30.5	21.2	1.52	<2	-	-	-
CR1	20190211	Cloudy	Light	Mid-Ebb	S	1	15:30	10.58	8.41	31.1	21.4	2.5	3	-	-	-
C2	20190213	Sunny	Calm	Mid-Flood	B	8.6	11:13	9.62	8.1	30.76	21.3	3.99	<2	-	-	-
C2	20190213	Sunny	Calm	Mid-Flood	B	8.6	11:13	9.73	8.01	30.92	21.5	4.09	<2	-	-	-
C2	20190213	Sunny	Calm	Mid-Flood	M	4.8	11:14	9.66	8.31	29.8	21.5	2.65	<2	-	-	-
C2	20190213	Sunny	Calm	Mid-Flood	M	4.8	11:14	9.85	8.1	29.76	21.5	2.75	<2	-	-	-
C2	20190213	Sunny	Calm	Mid-Flood	S	1	11:15	9.99	8.11	29.95	21.5	1.49	<2	-	-	-
C2	20190213	Sunny	Calm	Mid-Flood	S	1	11:15	10.14	8.16	30.7	21.5	1.54	<2	-	-	-
CR1	20190213	Sunny	Calm	Mid-Flood	B	9.4	11:26	10.15	8.06	30.2	21.4	3.07	<2	-	-	-
CR1	20190213	Sunny	Calm	Mid-Flood	B	9.4	11:26	10.16	8.02	29.92	21.3	3.16	2	-	-	-
CR1	20190213	Sunny	Calm	Mid-Flood	M	5.2	11:27	10.32	8.14	30.26	21.5	2.51	<2	-	-	-
CR1	20190213	Sunny	Calm	Mid-Flood	M	5.2	11:27	10.17	8.31	30.76	21.3	2.59	<2	-	-	-
CR1	20190213	Sunny	Calm	Mid-Flood	S	1	11:28	10.37	8.45	30.41	21.4	1.17	<2	-	-	-
CR1	20190213	Sunny	Calm	Mid-Flood	S	1	11:28	10.38	8	30.45	21.4	1.27	<2	-	-	-
CR2	20190213	Sunny	Calm	Mid-Flood	B	9.6	11:39	9.59	8.27	29.78	21.4	3.22	<2	-	-	-
CR2	20190213	Sunny	Calm	Mid-Flood	B	9.6	11:39	9.56	8.2	30.26	21.4	3.13	<2	-	-	-
CR2	20190213	Sunny	Calm	Mid-Flood	M	5.3	11:40	9.42	8.25	30.77	21.4	2.4	<2	-	-	-
CR2	20190213	Sunny	Calm	Mid-Flood	M	5.3	11:40	9.26	8.11	29.83	21.5	2.46	<2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR2	20190213	Sunny	Calm	Mid-Flood	S	1	11:41	9.19	8.09	29.91	21.3	1.2	<2	-	-	-
CR2	20190213	Sunny	Calm	Mid-Flood	S	1	11:41	9.06	8.47	30.64	21.3	1.28	2	-	-	-
C1	20190213	Sunny	Calm	Mid-Flood	B	11.5	12:01	10.83	8.45	30.59	21.3	3.54	<2	-	-	-
C1	20190213	Sunny	Calm	Mid-Flood	B	11.5	12:01	10.92	8.11	30.38	21.4	3.51	<2	-	-	-
C1	20190213	Sunny	Calm	Mid-Flood	M	6.3	12:02	11.07	8.38	30.52	21.4	2.44	<2	-	-	-
C1	20190213	Sunny	Calm	Mid-Flood	M	6.3	12:02	10.91	8.38	30.12	21.4	2.46	<2	-	-	-
C1	20190213	Sunny	Calm	Mid-Flood	S	1	12:03	11.11	8.11	29.98	21.3	1.33	<2	-	-	-
C1	20190213	Sunny	Calm	Mid-Flood	S	1	12:03	10.99	8.49	30.42	21.4	1.43	<2	-	-	-
B1	20190213	Sunny	Calm	Mid-Flood	B	4.8	12:30	9.68	8.3	30.78	21.3	3.45	<2	-	-	-
B1	20190213	Sunny	Calm	Mid-Flood	B	4.8	12:30	9.49	8.04	29.73	21.5	3.37	<2	-	-	-
B1	20190213	Sunny	Calm	Mid-Flood	S	1	12:31	9.34	8.36	29.77	21.5	1.42	<2	-	-	-
B1	20190213	Sunny	Calm	Mid-Flood	S	1	12:31	9.47	8.47	29.93	21.5	1.4	<2	-	-	-
B2	20190213	Sunny	Calm	Mid-Flood	B	4.7	12:35	11.11	8.26	30.33	21.5	3.99	<2	-	-	-
B2	20190213	Sunny	Calm	Mid-Flood	B	4.7	12:35	11.28	8.45	30.92	21.4	4.05	<2	-	-	-
B2	20190213	Sunny	Calm	Mid-Flood	S	1	12:36	11.16	8.1	29.96	21.5	1.69	<2	-	-	-
B2	20190213	Sunny	Calm	Mid-Flood	S	1	12:37	11.29	8.48	30.58	21.4	1.64	<2	-	-	-
B3	20190213	Sunny	Calm	Mid-Flood	B	4.8	13:11	10.24	8.13	30.63	21.3	3.23	2	-	-	-
B3	20190213	Sunny	Calm	Mid-Flood	B	4.8	13:12	10.22	8.12	30.15	21.5	3.2	2	-	-	-
B3	20190213	Sunny	Calm	Mid-Flood	S	1	13:12	10.32	8.35	30.75	21.5	1.87	<2	-	-	-
B3	20190213	Sunny	Calm	Mid-Flood	S	1	13:13	10.3	8.44	30.18	21.5	1.83	<2	-	-	-
B4	20190213	Sunny	Calm	Mid-Flood	B	4.7	13:20	9.65	8.48	30.37	21.4	3.4	<2	-	-	-
B4	20190213	Sunny	Calm	Mid-Flood	B	4.7	13:21	9.74	8.06	30.15	21.5	3.39	<2	-	-	-
B4	20190213	Sunny	Calm	Mid-Flood	S	1	13:21	9.68	8.43	30.91	21.4	1.94	<2	-	-	-
B4	20190213	Sunny	Calm	Mid-Flood	S	1	13:22	9.67	8.25	29.87	21.5	1.9	<2	-	-	-
F1	20190213	Sunny	Calm	Mid-Flood	B	8.2	13:48	11.15	8.37	30.36	21.4	3.19	<2	-	-	-
F1	20190213	Sunny	Calm	Mid-Flood	B	8.2	13:49	11.08	8.26	29.98	21.4	3.16	<2	-	-	-
F1	20190213	Sunny	Calm	Mid-Flood	M	4.6	13:49	11.25	8.38	30.59	21.3	2.16	<2	-	-	-
F1	20190213	Sunny	Calm	Mid-Flood	M	4.6	13:50	11.18	8.35	30.89	21.3	2.26	<2	-	-	-
F1	20190213	Sunny	Calm	Mid-Flood	S	1	13:50	11.08	8.15	30.75	21.3	1.12	<2	-	-	-
F1	20190213	Sunny	Calm	Mid-Flood	S	1	13:51	11.23	8.45	30.85	21.3	1.08	<2	-	-	-
M1	20190213	Sunny	Calm	Mid-Flood	B	8.6	13:59	9.97	8.48	30.74	21.4	3.33	<2	-	-	-
M1	20190213	Sunny	Calm	Mid-Flood	B	8.6	14:00	9.98	8.05	30.21	21.5	3.4	<2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
M1	20190213	Sunny	Calm	Mid-Flood	M	4.8	14:00	9.9	8.09	30.59	21.3	2.43	<2	-	-	-
M1	20190213	Sunny	Calm	Mid-Flood	M	4.8	14:01	9.95	8.22	30.38	21.4	2.45	<2	-	-	-
M1	20190213	Sunny	Calm	Mid-Flood	S	1	14:01	10.02	8.06	29.85	21.4	1.44	<2	-	-	-
M1	20190213	Sunny	Calm	Mid-Flood	S	1	14:02	10.18	8.22	30.62	21.5	1.41	<2	-	-	-
H1	20190213	Sunny	Calm	Mid-Flood	B	7.9	12:59	9.99	8.27	30.27	21.3	3.75	<2	-	-	-
H1	20190213	Sunny	Calm	Mid-Flood	B	7.9	13:00	9.81	8.35	29.99	21.4	3.72	<2	-	-	-
H1	20190213	Sunny	Calm	Mid-Flood	M	4.5	13:00	9.88	8.07	30.66	21.5	2.51	<2	-	-	-
H1	20190213	Sunny	Calm	Mid-Flood	M	4.5	13:01	9.79	8.2	30.15	21.3	2.48	<2	-	-	-
H1	20190213	Sunny	Calm	Mid-Flood	S	1	13:01	9.94	8.09	30.86	21.5	1.26	<2	-	-	-
H1	20190213	Sunny	Calm	Mid-Flood	S	1	13:02	9.76	8.35	30.34	21.5	1.16	<2	-	-	-
C1	20190213	Cloudy	Light	Mid-Ebb	B	10.8	16:04	10.32	8.4	30.02	21.4	3.82	<2	-	-	-
C1	20190213	Cloudy	Light	Mid-Ebb	B	10.8	16:05	10.13	8.14	30.23	21.5	3.82	<2	-	-	-
C1	20190213	Cloudy	Light	Mid-Ebb	M	5.9	16:06	10.13	8.35	30.09	21.3	2.1	<2	-	-	-
C1	20190213	Cloudy	Light	Mid-Ebb	M	5.9	16:06	10.12	8.47	30.15	21.5	2.11	<2	-	-	-
C1	20190213	Cloudy	Light	Mid-Ebb	S	1	16:07	10.03	8.46	30.9	21.5	1.74	<2	-	-	-
C1	20190213	Cloudy	Light	Mid-Ebb	S	1	16:07	9.99	8.44	29.94	21.5	1.71	<2	-	-	-
F1	20190213	Cloudy	Light	Mid-Ebb	B	7.7	16:07	10.16	8.01	30.81	21.5	3.41	<2	-	-	-
F1	20190213	Cloudy	Light	Mid-Ebb	B	7.7	16:07	10.17	8.07	30.53	21.4	3.42	<2	-	-	-
F1	20190213	Cloudy	Light	Mid-Ebb	M	4.4	16:08	10.28	8.46	29.91	21.3	2.7	<2	-	-	-
F1	20190213	Cloudy	Light	Mid-Ebb	M	4.4	16:08	10.26	8.15	30.61	21.5	2.64	<2	-	-	-
F1	20190213	Cloudy	Light	Mid-Ebb	S	1	16:09	10.08	8.03	30.19	21.5	1.42	<2	-	-	-
F1	20190213	Cloudy	Light	Mid-Ebb	S	1	16:09	10.11	8.19	30.98	21.3	1.52	<2	-	-	-
B1	20190213	Cloudy	Light	Mid-Ebb	B	4.4	16:25	9.51	8.06	30.13	21.4	3.34	<2	-	-	-
B1	20190213	Cloudy	Light	Mid-Ebb	B	4.4	16:25	9.42	8.28	30.67	21.3	3.35	<2	-	-	-
B1	20190213	Cloudy	Light	Mid-Ebb	S	1	16:26	9.27	8.44	30.66	21.4	1.64	<2	-	-	-
B1	20190213	Cloudy	Light	Mid-Ebb	S	1	16:26	9.33	8.18	30.38	21.3	1.57	2	-	-	-
M1	20190213	Cloudy	Light	Mid-Ebb	B	8	16:35	10.06	8.34	30.04	21.4	3.89	<2	-	-	-
M1	20190213	Cloudy	Light	Mid-Ebb	B	8	16:35	10.25	8.15	30.22	21.3	3.92	<2	-	-	-
M1	20190213	Cloudy	Light	Mid-Ebb	M	4.5	16:36	10.42	8	30.73	21.3	2.15	<2	-	-	-
M1	20190213	Cloudy	Light	Mid-Ebb	M	4.5	16:36	10.56	8.33	30.54	21.4	2.15	<2	-	-	-
M1	20190213	Cloudy	Light	Mid-Ebb	S	1	16:37	10.75	8.06	30.78	21.5	1.07	<2	-	-	-
M1	20190213	Cloudy	Light	Mid-Ebb	S	1	16:37	10.94	8.02	29.9	21.5	0.98	<2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B2	20190213	Cloudy	Light	Mid-Ebb	B	4.5	16:37	11.16	8.14	29.82	21.5	3.79	<2	-	-	-
B2	20190213	Cloudy	Light	Mid-Ebb	B	4.5	16:37	11.04	8.44	29.74	21.5	3.7	<2	-	-	-
B2	20190213	Cloudy	Light	Mid-Ebb	S	1	16:38	11.01	8.1	29.93	21.4	1.78	<2	-	-	-
B2	20190213	Cloudy	Light	Mid-Ebb	S	1	16:38	10.85	8.12	30	21.5	1.78	<2	-	-	-
CR2	20190213	Cloudy	Light	Mid-Ebb	B	9.2	17:04	9.6	8.1	30.58	21.5	3.85	<2	-	-	-
CR2	20190213	Cloudy	Light	Mid-Ebb	B	9.2	17:04	9.64	8.19	30.79	21.4	3.85	<2	-	-	-
CR2	20190213	Cloudy	Light	Mid-Ebb	M	5.1	17:05	9.52	8.5	30.03	21.4	2.51	<2	-	-	-
CR2	20190213	Cloudy	Light	Mid-Ebb	M	5.1	17:05	9.64	8.31	30.1	21.5	2.53	<2	-	-	-
CR2	20190213	Cloudy	Light	Mid-Ebb	S	1	17:06	9.71	8.5	30.93	21.3	1.78	<2	-	-	-
CR2	20190213	Cloudy	Light	Mid-Ebb	S	1	17:06	9.71	8.17	29.71	21.4	1.86	<2	-	-	-
C2	20190213	Cloudy	Light	Mid-Ebb	B	8.2	17:03	9.54	8.36	30.17	21.4	3.16	<2	-	-	-
C2	20190213	Cloudy	Light	Mid-Ebb	B	8.2	17:04	9.44	8.16	30.44	21.4	3.13	<2	-	-	-
C2	20190213	Cloudy	Light	Mid-Ebb	M	4.6	17:04	9.25	8.3	30.05	21.4	2.59	<2	-	-	-
C2	20190213	Cloudy	Light	Mid-Ebb	M	4.6	17:05	9.34	8.37	30.13	21.5	2.65	<2	-	-	-
C2	20190213	Cloudy	Light	Mid-Ebb	S	1	17:05	9.35	8.32	30.65	21.5	1.82	<2	-	-	-
C2	20190213	Cloudy	Light	Mid-Ebb	S	1	17:06	9.53	8.01	29.71	21.3	1.78	<2	-	-	-
H1	20190213	Cloudy	Light	Mid-Ebb	B	8.4	17:25	10.54	8.05	30.27	21.5	3.26	<2	-	-	-
H1	20190213	Cloudy	Light	Mid-Ebb	B	8.4	17:26	10.73	8.13	30.97	21.3	3.25	2	-	-	-
H1	20190213	Cloudy	Light	Mid-Ebb	M	4.7	17:26	10.82	8.06	30.83	21.5	2.94	<2	-	-	-
H1	20190213	Cloudy	Light	Mid-Ebb	M	4.7	17:27	10.89	8.44	30.66	21.3	2.98	<2	-	-	-
H1	20190213	Cloudy	Light	Mid-Ebb	S	1	17:27	11.03	8.18	30.39	21.3	1.84	<2	-	-	-
H1	20190213	Cloudy	Light	Mid-Ebb	S	1	17:28	11.15	8.18	30.16	21.4	1.87	<2	-	-	-
B3	20190213	Cloudy	Light	Mid-Ebb	B	4.4	17:39	11.43	8.27	30.86	21.4	3.4	2	-	-	-
B3	20190213	Cloudy	Light	Mid-Ebb	B	4.4	17:40	11.42	8.5	30.49	21.3	3.35	2	-	-	-
B3	20190213	Cloudy	Light	Mid-Ebb	S	1	17:40	11.24	8.26	30.21	21.3	2	2	-	-	-
B3	20190213	Cloudy	Light	Mid-Ebb	S	1	17:41	11.31	8.28	30.5	21.3	2.04	2	-	-	-
B4	20190213	Cloudy	Light	Mid-Ebb	B	4.3	17:52	11.15	8.44	30.75	21.4	3.54	2	-	-	-
B4	20190213	Cloudy	Light	Mid-Ebb	B	4.3	17:53	11.33	8.39	30.19	21.3	3.62	<2	-	-	-
B4	20190213	Cloudy	Light	Mid-Ebb	S	1	17:53	11.33	8.27	30.06	21.4	1.5	3	-	-	-
B4	20190213	Cloudy	Light	Mid-Ebb	S	1	17:54	11.44	8.43	29.9	21.3	1.45	4	-	-	-
CR1	20190213	Cloudy	Light	Mid-Ebb	B	8.7	18:12	9.91	8.25	30.24	21.3	3.89	3	-	-	-
CR1	20190213	Cloudy	Light	Mid-Ebb	B	8.7	18:13	9.76	8.13	29.93	21.5	3.82	3	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR1	20190213	Cloudy	Light	Mid-Ebb	M	4.9	18:13	9.9	8.38	30.31	21.4	2.56	<2	-	-	-
CR1	20190213	Cloudy	Light	Mid-Ebb	M	4.9	18:14	10	8.31	30.25	21.4	2.56	<2	-	-	-
CR1	20190213	Cloudy	Light	Mid-Ebb	S	1	18:14	10.07	8.22	30.23	21.4	1.9	<2	-	-	-
CR1	20190213	Cloudy	Light	Mid-Ebb	S	1	18:15	10.1	8.14	30.36	21.3	1.95	<2	-	-	-
C1	20190215	Cloudy	Light	Mid-Ebb	B	10.7	8:07	9.96	8.39	30.18	22.7	4.17	<2	-	-	-
C1	20190215	Cloudy	Light	Mid-Ebb	B	10.7	8:07	10.04	8.43	29.8	22.6	4.16	<2	-	-	-
C1	20190215	Cloudy	Light	Mid-Ebb	M	5.9	8:08	10.05	8.44	30.92	22.6	3.56	<2	-	-	-
C1	20190215	Cloudy	Light	Mid-Ebb	M	5.9	8:08	10.04	8.23	30.85	22.7	3.54	<2	-	-	-
C1	20190215	Cloudy	Light	Mid-Ebb	S	1	8:09	10.14	8.06	30.39	22.8	3.3	<2	-	-	-
C1	20190215	Cloudy	Light	Mid-Ebb	S	1	8:09	10.28	8.33	30.54	22.8	3.24	<2	-	-	-
H1	20190215	Cloudy	Light	Mid-Ebb	B	7.8	8:09	10.76	8.21	29.98	22.8	4.15	<2	-	-	-
H1	20190215	Cloudy	Light	Mid-Ebb	B	7.8	8:09	10.93	8.5	29.5	22.8	4.08	<2	-	-	-
H1	20190215	Cloudy	Light	Mid-Ebb	M	4.4	8:10	10.93	8.07	30.49	22.6	3.62	<2	-	-	-
H1	20190215	Cloudy	Light	Mid-Ebb	M	4.4	8:10	10.81	8.28	29.96	22.7	3.61	<2	-	-	-
H1	20190215	Cloudy	Light	Mid-Ebb	S	1	8:11	11	8.41	30.15	22.7	3.16	<2	-	-	-
H1	20190215	Cloudy	Light	Mid-Ebb	S	1	8:11	11.01	8.29	29.6	22.8	3.12	<2	-	-	-
CR2	20190215	Cloudy	Light	Mid-Ebb	B	9.3	8:23	10.7	8.01	30.48	22.8	4.45	<2	-	-	-
CR2	20190215	Cloudy	Light	Mid-Ebb	B	9.3	8:23	10.77	8.17	30.08	22.7	4.44	2	-	-	-
CR2	20190215	Cloudy	Light	Mid-Ebb	M	5.2	8:24	10.66	8.42	30.46	22.8	3.59	2	-	-	-
CR2	20190215	Cloudy	Light	Mid-Ebb	M	5.2	8:24	10.49	8.18	30.55	22.6	3.56	<2	-	-	-
CR2	20190215	Cloudy	Light	Mid-Ebb	S	1	8:25	10.6	8.17	30.5	22.6	3.17	<2	-	-	-
CR2	20190215	Cloudy	Light	Mid-Ebb	S	1	8:25	10.68	8.37	29.88	22.8	3.13	<2	-	-	-
CR1	20190215	Cloudy	Light	Mid-Ebb	B	8.7	8:35	10.82	8.24	30.76	22.8	4.13	<2	-	-	-
CR1	20190215	Cloudy	Light	Mid-Ebb	B	8.7	8:35	10.84	8.45	30.82	22.8	4.06	<2	-	-	-
CR1	20190215	Cloudy	Light	Mid-Ebb	M	4.9	8:36	10.71	8.01	29.92	22.7	3.72	2	-	-	-
CR1	20190215	Cloudy	Light	Mid-Ebb	M	4.9	8:36	10.59	8.03	30.49	22.8	3.81	<2	-	-	-
CR1	20190215	Cloudy	Light	Mid-Ebb	S	1	8:37	10.59	8.48	30.84	22.6	3.29	3	-	-	-
CR1	20190215	Cloudy	Light	Mid-Ebb	S	1	8:37	10.46	8.24	29.57	22.7	3.29	3	-	-	-
B1	20190215	Cloudy	Light	Mid-Ebb	B	4.4	8:36	10.32	8.07	30.98	22.6	4.41	<2	-	-	-
B1	20190215	Cloudy	Light	Mid-Ebb	B	4.4	8:36	10.17	8.37	30.41	22.8	4.41	3	-	-	-
B1	20190215	Cloudy	Light	Mid-Ebb	S	1	8:37	10.32	8.29	30.65	22.6	3.4	<2	-	-	-
B1	20190215	Cloudy	Light	Mid-Ebb	S	1	8:37	10.37	8.07	29.5	22.8	3.38	<2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B2	20190215	Cloudy	Light	Mid-Ebb	B	4.5	8:38	9.82	8.37	30.76	22.8	4.45	<2	-	-	-
B2	20190215	Cloudy	Light	Mid-Ebb	B	4.5	8:38	9.91	8.2	30.44	22.6	4.54	<2	-	-	-
B2	20190215	Cloudy	Light	Mid-Ebb	S	1	8:39	9.74	8.32	30.78	22.8	3.06	<2	-	-	-
B2	20190215	Cloudy	Light	Mid-Ebb	S	1	8:40	9.63	8.38	30.4	22.6	3.02	<2	-	-	-
B3	20190215	Cloudy	Light	Mid-Ebb	B	4.5	8:16	10.35	8.11	30.95	22.8	4.36	<2	-	-	-
B3	20190215	Cloudy	Light	Mid-Ebb	B	4.5	8:17	10.23	8.08	30.93	22.6	4.43	<2	-	-	-
B3	20190215	Cloudy	Light	Mid-Ebb	S	1	8:17	10.39	8.04	29.52	22.8	3.25	<2	-	-	-
B3	20190215	Cloudy	Light	Mid-Ebb	S	1	8:18	10.22	8.4	29.97	22.8	3.23	<2	-	-	-
B4	20190215	Cloudy	Light	Mid-Ebb	B	4.5	8:27	9.9	8.12	30.11	22.6	4	<2	-	-	-
B4	20190215	Cloudy	Light	Mid-Ebb	B	4.5	8:28	9.99	8.3	29.97	22.7	3.91	<2	-	-	-
B4	20190215	Cloudy	Light	Mid-Ebb	S	1	8:28	10.14	8.25	29.82	22.8	3.26	<2	-	-	-
B4	20190215	Cloudy	Light	Mid-Ebb	S	1	8:29	10.09	8.24	30.55	22.7	3.17	<2	-	-	-
F1	20190215	Cloudy	Light	Mid-Ebb	B	8	8:57	10.41	8	30.51	22.7	4.47	<2	-	-	-
F1	20190215	Cloudy	Light	Mid-Ebb	B	8	8:58	10.39	8.3	30.5	22.6	4.42	<2	-	-	-
F1	20190215	Cloudy	Light	Mid-Ebb	M	4.5	8:58	10.46	8.14	29.6	22.8	3.75	<2	-	-	-
F1	20190215	Cloudy	Light	Mid-Ebb	M	4.5	8:59	10.44	8.12	30.72	22.7	3.78	<2	-	-	-
F1	20190215	Cloudy	Light	Mid-Ebb	S	1	8:59	10.33	8.28	30.58	22.8	3.09	2	-	-	-
F1	20190215	Cloudy	Light	Mid-Ebb	S	1	9:00	10.38	8.07	30.59	22.7	3.16	2	-	-	-
M1	20190215	Cloudy	Light	Mid-Ebb	B	8.3	10:27	10.89	8.44	30.02	22.7	4.17	3	-	-	-
M1	20190215	Cloudy	Light	Mid-Ebb	B	8.3	10:28	10.93	8.38	29.7	22.6	4.26	4	-	-	-
M1	20190215	Cloudy	Light	Mid-Ebb	M	4.7	10:28	10.82	8.5	30.32	22.7	3.72	<2	-	-	-
M1	20190215	Cloudy	Light	Mid-Ebb	M	4.7	10:29	10.62	8.41	29.69	22.7	3.71	3	-	-	-
M1	20190215	Cloudy	Light	Mid-Ebb	S	1	10:29	10.71	8.12	30.45	22.6	3.5	2	-	-	-
M1	20190215	Cloudy	Light	Mid-Ebb	S	1	10:30	10.81	8.34	29.6	22.8	3.49	2	-	-	-
C2	20190215	Cloudy	Light	Mid-Ebb	B	8.4	10:54	10	8.48	30	22.8	4.3	<2	-	-	-
C2	20190215	Cloudy	Light	Mid-Ebb	B	8.4	10:55	10.02	8.28	29.73	22.8	4.22	<2	-	-	-
C2	20190215	Cloudy	Light	Mid-Ebb	M	4.7	10:55	9.87	8.23	29.75	22.8	3.89	<2	-	-	-
C2	20190215	Cloudy	Light	Mid-Ebb	M	4.7	10:56	9.73	8.14	30.17	22.6	3.88	<2	-	-	-
C2	20190215	Cloudy	Light	Mid-Ebb	S	1	10:56	9.53	8.03	30.3	22.8	3.38	<2	-	-	-
C2	20190215	Cloudy	Light	Mid-Ebb	S	1	10:57	9.4	8.39	30.08	22.8	3.36	<2	-	-	-
C2	20190215	Sunny	Calm	Mid-Flood	B	8.7	11:42	10.95	8.43	29.64	22.8	4.36	<2	-	-	-
C2	20190215	Sunny	Calm	Mid-Flood	B	8.7	11:43	11.15	8.27	29.65	22.6	4.46	<2	-	-	-



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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C2	20190215	Sunny	Calm	Mid-Flood	M	4.9	11:44	10.99	8.21	29.69	22.8	3.59	<2	-	-	-
C2	20190215	Sunny	Calm	Mid-Flood	M	4.9	11:44	11.13	8.01	30.53	22.6	3.49	<2	-	-	-
C2	20190215	Sunny	Calm	Mid-Flood	S	1	11:45	11.26	8.39	30.9	22.7	3.01	<2	-	-	-
C2	20190215	Sunny	Calm	Mid-Flood	S	1	11:45	11.39	8.32	29.56	22.8	3.1	<2	-	-	-
H1	20190215	Sunny	Calm	Mid-Flood	B	8.6	11:59	9.9	8.15	30.63	22.6	4.42	2	-	-	-
H1	20190215	Sunny	Calm	Mid-Flood	B	8.6	11:59	9.87	8.43	29.88	22.8	4.39	<2	-	-	-
H1	20190215	Sunny	Calm	Mid-Flood	M	4.8	12:00	9.85	8.37	30.22	22.6	3.87	<2	-	-	-
H1	20190215	Sunny	Calm	Mid-Flood	M	4.8	12:00	9.9	8.4	30.91	22.7	3.96	<2	-	-	-
H1	20190215	Sunny	Calm	Mid-Flood	S	1	12:01	9.78	8.02	29.95	22.8	3.17	<2	-	-	-
H1	20190215	Sunny	Calm	Mid-Flood	S	1	12:01	9.76	8.25	29.52	22.6	3.27	<2	-	-	-
C1	20190215	Sunny	Calm	Mid-Flood	B	11.4	12:13	10.43	8.28	29.58	22.8	4	<2	-	-	-
C1	20190215	Sunny	Calm	Mid-Flood	B	11.4	12:13	10.37	8.25	30.3	22.7	4.08	<2	-	-	-
C1	20190215	Sunny	Calm	Mid-Flood	M	6.2	12:14	10.49	8.06	30.94	22.6	3.99	<2	-	-	-
C1	20190215	Sunny	Calm	Mid-Flood	M	6.2	12:14	10.57	8.4	30.75	22.6	4	<2	-	-	-
C1	20190215	Sunny	Calm	Mid-Flood	S	1	12:15	10.52	8.15	30.52	22.6	3.41	<2	-	-	-
C1	20190215	Sunny	Calm	Mid-Flood	S	1	12:15	10.4	8.07	29.99	22.7	3.37	<2	-	-	-
CR2	20190215	Sunny	Calm	Mid-Flood	B	9.8	12:28	9.8	8.42	30.46	22.8	4.21	2	-	-	-
CR2	20190215	Sunny	Calm	Mid-Flood	B	9.8	12:28	9.81	8.11	30.99	22.8	4.15	<2	-	-	-
CR2	20190215	Sunny	Calm	Mid-Flood	M	5.4	12:29	9.71	8.22	29.74	22.7	3.81	2	-	-	-
CR2	20190215	Sunny	Calm	Mid-Flood	M	5.4	12:29	9.51	8.48	30.47	22.7	3.76	2	-	-	-
CR2	20190215	Sunny	Calm	Mid-Flood	S	1	12:30	9.41	8.07	29.77	22.6	3.04	<2	-	-	-
CR2	20190215	Sunny	Calm	Mid-Flood	S	1	12:30	9.41	8.37	30.79	22.8	2.98	<2	-	-	-
B1	20190215	Sunny	Calm	Mid-Flood	B	4.8	12:42	9.8	8.3	30.58	22.7	4.41	<2	-	-	-
B1	20190215	Sunny	Calm	Mid-Flood	B	4.8	12:42	9.63	8.32	29.85	22.6	4.43	<2	-	-	-
B1	20190215	Sunny	Calm	Mid-Flood	S	1	12:43	9.71	8.25	30.01	22.6	3.45	<2	-	-	-
B1	20190215	Sunny	Calm	Mid-Flood	S	1	12:43	9.85	8.24	29.68	22.7	3.35	<2	-	-	-
B2	20190215	Sunny	Calm	Mid-Flood	B	4.7	12:56	9.64	8.15	30.58	22.7	4.27	<2	-	-	-
B2	20190215	Sunny	Calm	Mid-Flood	B	4.7	12:56	9.55	8.12	30.72	22.6	4.18	<2	-	-	-
B2	20190215	Sunny	Calm	Mid-Flood	S	1	12:57	9.39	8.11	29.66	22.8	3.41	<2	-	-	-
B2	20190215	Sunny	Calm	Mid-Flood	S	1	12:57	9.39	8.03	30.08	22.7	3.44	<2	-	-	-
B3	20190215	Sunny	Calm	Mid-Flood	B	4.8	13:21	10.07	8.29	30.25	22.7	4.18	<2	-	-	-
B3	20190215	Sunny	Calm	Mid-Flood	B	4.8	13:22	10.24	8.1	30.23	22.6	4.08	2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B3	20190215	Sunny	Calm	Mid-Flood	S	1	13:22	10.42	8.46	29.66	22.6	3.19	<2	-	-	-
B3	20190215	Sunny	Calm	Mid-Flood	S	1	13:23	10.59	8.43	30.93	22.6	3.12	<2	-	-	-
B4	20190215	Sunny	Calm	Mid-Flood	B	4.8	13:30	10.82	8.23	30.43	22.7	4.15	<2	-	-	-
B4	20190215	Sunny	Calm	Mid-Flood	B	4.8	13:31	10.66	8.3	30.24	22.8	4.15	<2	-	-	-
B4	20190215	Sunny	Calm	Mid-Flood	S	1	13:31	10.84	8.16	30.6	22.6	3.17	<2	-	-	-
B4	20190215	Sunny	Calm	Mid-Flood	S	1	13:32	11.04	8.41	30.92	22.7	3.18	<2	-	-	-
CR1	20190215	Sunny	Calm	Mid-Flood	B	9.2	13:42	10.84	8.18	29.51	22.7	4.49	2	-	-	-
CR1	20190215	Sunny	Calm	Mid-Flood	B	9.2	13:43	10.65	8.01	30.77	22.8	4.49	3	-	-	-
CR1	20190215	Sunny	Calm	Mid-Flood	M	5.1	13:43	10.54	8.2	30.86	22.7	3.97	<2	-	-	-
CR1	20190215	Sunny	Calm	Mid-Flood	M	5.1	13:44	10.63	8.01	29.77	22.7	3.96	<2	-	-	-
CR1	20190215	Sunny	Calm	Mid-Flood	S	1	13:44	10.6	8.28	29.69	22.6	3.45	2	-	-	-
CR1	20190215	Sunny	Calm	Mid-Flood	S	1	13:45	10.44	8.36	30.68	22.7	3.45	2	-	-	-
M1	20190215	Sunny	Calm	Mid-Flood	B	8.4	14:32	9.78	8.12	29.59	22.7	4.11	2	-	-	-
M1	20190215	Sunny	Calm	Mid-Flood	B	8.4	14:33	9.92	8.13	29.8	22.7	4.13	2	-	-	-
M1	20190215	Sunny	Calm	Mid-Flood	M	4.7	14:33	9.87	8.46	29.7	22.6	3.67	4	-	-	-
M1	20190215	Sunny	Calm	Mid-Flood	M	4.7	14:34	9.85	8.16	30.33	22.6	3.67	3	-	-	-
M1	20190215	Sunny	Calm	Mid-Flood	S	1	14:34	9.93	8.26	29.97	22.7	3.28	4	-	-	-
M1	20190215	Sunny	Calm	Mid-Flood	S	1	14:35	9.96	8.09	30.04	22.7	3.35	4	-	-	-
F1	20190215	Sunny	Calm	Mid-Flood	B	8.3	14:00	10.34	8.48	30	22.8	4.41	<2	-	-	-
F1	20190215	Sunny	Calm	Mid-Flood	B	8.3	14:01	10.42	8.36	30.01	22.7	4.4	<2	-	-	-
F1	20190215	Sunny	Calm	Mid-Flood	M	4.7	14:01	10.28	8.14	29.77	22.7	3.98	<2	-	-	-
F1	20190215	Sunny	Calm	Mid-Flood	M	4.7	14:02	10.4	8.32	30.63	22.8	3.9	<2	-	-	-
F1	20190215	Sunny	Calm	Mid-Flood	S	1	14:02	10.43	8.31	30.66	22.6	3.19	<2	-	-	-
F1	20190215	Sunny	Calm	Mid-Flood	S	1	14:03	10.25	8.19	29.93	22.7	3.29	<2	-	-	-
C1	20190218	Cloudy	Moderate	Mid-Ebb	B	10.8	11:06	11.01	8.07	30.86	20	3.62	<2	-	-	-
C1	20190218	Cloudy	Moderate	Mid-Ebb	B	10.8	11:06	11.01	8.34	31.18	20	3.6	<2	-	-	-
C1	20190218	Cloudy	Moderate	Mid-Ebb	M	5.9	11:07	10.82	8.34	30.25	20	3.23	3	-	-	-
C1	20190218	Cloudy	Moderate	Mid-Ebb	M	5.9	11:07	10.68	8.47	29.81	19.8	3.31	3	-	-	-
C1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:08	10.81	8.04	30.01	19.8	2.59	3	-	-	-
C1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:08	10.65	8.24	30.35	19.8	2.6	3	-	-	-
B1	20190218	Cloudy	Moderate	Mid-Ebb	B	4.4	11:34	9.51	8.26	31.35	19.8	3.93	3	-	-	-
B1	20190218	Cloudy	Moderate	Mid-Ebb	B	4.4	11:34	9.68	8.01	31.24	20	3.99	3	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:35	9.55	8.36	31.55	20	2.68	3	-	-	-
B1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:35	9.6	8.13	29.72	19.8	2.68	3	-	-	-
B2	20190218	Cloudy	Moderate	Mid-Ebb	B	4.5	11:49	9.73	8.49	31.61	19.9	3.87	2	-	-	-
B2	20190218	Cloudy	Moderate	Mid-Ebb	B	4.5	11:49	9.61	8.17	30.25	19.8	3.88	2	-	-	-
B2	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:50	9.72	8.33	29.73	20	2.51	2	-	-	-
B2	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:50	9.82	8.29	31.41	20	2.44	2	-	-	-
CR2	20190218	Cloudy	Moderate	Mid-Ebb	B	9.4	11:52	10.66	8.34	31.3	19.8	3.99	2	-	-	-
CR2	20190218	Cloudy	Moderate	Mid-Ebb	B	9.4	11:52	10.65	8.24	30.53	20	4.01	2	-	-	-
CR2	20190218	Cloudy	Moderate	Mid-Ebb	M	5.2	11:53	10.56	8.32	31.57	19.9	3.45	<2	-	-	-
CR2	20190218	Cloudy	Moderate	Mid-Ebb	M	5.2	11:53	10.49	8.41	30.84	19.8	3.36	<2	-	-	-
CR2	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:54	10.52	8.4	30.59	20	2.71	3	-	-	-
CR2	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:54	10.55	8.49	30.89	19.8	2.72	2	-	-	-
CR1	20190218	Cloudy	Moderate	Mid-Ebb	B	8.6	12:08	11.33	8.46	30.93	19.8	3.58	2	-	-	-
CR1	20190218	Cloudy	Moderate	Mid-Ebb	B	8.6	12:08	11.51	8.26	30.4	20	3.52	2	-	-	-
CR1	20190218	Cloudy	Moderate	Mid-Ebb	M	4.8	12:09	11.6	8.2	29.94	19.9	3.22	2	-	-	-
CR1	20190218	Cloudy	Moderate	Mid-Ebb	M	4.8	12:09	11.58	8.23	30.9	20	3.32	2	-	-	-
CR1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	12:10	11.52	8.15	30.71	20	2.72	2	-	-	-
CR1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	12:10	11.55	8.33	30.99	20	2.66	<2	-	-	-
B3	20190218	Cloudy	Moderate	Mid-Ebb	B	4.3	12:12	10.65	8.4	31.45	19.8	3.63	5	-	-	-
B3	20190218	Cloudy	Moderate	Mid-Ebb	B	4.3	12:12	10.57	8.25	31.67	19.8	3.73	6	-	-	-
B3	20190218	Cloudy	Moderate	Mid-Ebb	S	1	12:13	10.58	8.02	31.1	19.9	2.89	4	-	-	-
B3	20190218	Cloudy	Moderate	Mid-Ebb	S	1	12:13	10.48	8.43	31.58	19.8	2.96	3	-	-	-
B4	20190218	Cloudy	Moderate	Mid-Ebb	B	4.4	12:22	9.63	8.26	30.33	20	3.73	4	-	-	-
B4	20190218	Cloudy	Moderate	Mid-Ebb	B	4.4	12:23	9.44	8.41	31.27	19.9	3.64	4	-	-	-
B4	20190218	Cloudy	Moderate	Mid-Ebb	S	1	12:23	9.51	8.48	30.02	19.9	2.64	3	-	-	-
B4	20190218	Cloudy	Moderate	Mid-Ebb	S	1	12:24	9.32	8.38	29.77	19.9	2.74	2	-	-	-
C2	20190218	Cloudy	Moderate	Mid-Ebb	B	8.5	12:33	10.85	8.4	30.95	20	3.59	<2	-	-	-
C2	20190218	Cloudy	Moderate	Mid-Ebb	B	8.5	12:34	10.85	8.43	30.2	20	3.53	<2	-	-	-
C2	20190218	Cloudy	Moderate	Mid-Ebb	M	4.8	12:34	10.96	8.31	30.94	19.9	3.17	2	-	-	-
C2	20190218	Cloudy	Moderate	Mid-Ebb	M	4.8	12:35	10.89	8.49	29.74	19.9	3.27	2	-	-	-
C2	20190218	Cloudy	Moderate	Mid-Ebb	S	1	12:35	10.99	8.38	30.28	19.8	2.64	3	-	-	-
C2	20190218	Cloudy	Moderate	Mid-Ebb	S	1	12:36	11.13	8.09	30.25	20	2.73	2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
F1	20190218	Cloudy	Moderate	Mid-Ebb	B	8.1	12:58	10.62	8.19	31.61	20	3.67	<2	-	-	-
F1	20190218	Cloudy	Moderate	Mid-Ebb	B	8.1	12:59	10.43	8.29	30.64	19.8	3.58	2	-	-	-
F1	20190218	Cloudy	Moderate	Mid-Ebb	M	4.6	12:59	10.43	8.17	30.27	20	3.4	2	-	-	-
F1	20190218	Cloudy	Moderate	Mid-Ebb	M	4.6	13:00	10.52	8.07	31.64	19.8	3.4	<2	-	-	-
F1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	13:00	10.45	8.16	31.55	20	2.55	2	-	-	-
F1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	13:01	10.41	8.06	30.66	19.8	2.47	<2	-	-	-
M1	20190218	Cloudy	Moderate	Mid-Ebb	B	8.3	13:27	11.33	8.24	29.83	19.8	3.86	2	-	-	-
M1	20190218	Cloudy	Moderate	Mid-Ebb	B	8.3	13:28	11.17	8.09	30.78	20	3.81	2	-	-	-
M1	20190218	Cloudy	Moderate	Mid-Ebb	M	4.7	13:28	11.1	8.47	31.43	20	3.14	2	-	-	-
M1	20190218	Cloudy	Moderate	Mid-Ebb	M	4.7	13:29	11.27	8.19	31.29	19.9	3.13	3	-	-	-
M1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	13:29	11.12	8.17	30.25	19.9	2.95	<2	-	-	-
M1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	13:30	11.2	8.19	31.33	20	3	2	-	-	-
H1	20190218	Cloudy	Moderate	Mid-Ebb	B	7.9	12:34	9.54	8.04	31.59	19.9	3.69	2	-	-	-
H1	20190218	Cloudy	Moderate	Mid-Ebb	B	7.9	12:35	9.7	8.46	30.72	19.9	3.67	2	-	-	-
H1	20190218	Cloudy	Moderate	Mid-Ebb	M	4.5	12:35	9.56	8.48	30.65	20	3	2	-	-	-
H1	20190218	Cloudy	Moderate	Mid-Ebb	M	4.5	12:36	9.46	8.2	31.04	19.9	2.9	4	-	-	-
H1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	12:36	9.53	8.32	31.68	19.8	2.8	4	-	-	-
H1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	12:37	9.62	8.09	31	19.9	2.78	5	-	-	-
C2	20190218	Drizzle	Moderate	Mid-Flood	B	8.8	15:11	9.89	8.07	30.74	19.8	3.92	<2	-	-	-
C2	20190218	Drizzle	Moderate	Mid-Flood	B	8.8	15:12	9.79	8.07	30.87	19.8	3.96	<2	-	-	-
C2	20190218	Drizzle	Moderate	Mid-Flood	M	4.9	15:13	9.59	8.12	29.95	20	3.43	<2	-	-	-
C2	20190218	Drizzle	Moderate	Mid-Flood	M	4.9	15:13	9.52	8.1	30.34	20	3.33	<2	-	-	-
C2	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:14	9.65	8.5	30.52	19.9	2.77	<2	-	-	-
C2	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:14	9.47	8.42	31.28	19.8	2.72	<2	-	-	-
C1	20190218	Drizzle	Moderate	Mid-Flood	B	11.5	15:19	9.83	8.07	31.44	19.9	3.97	<2	-	-	-
C1	20190218	Drizzle	Moderate	Mid-Flood	B	11.5	15:19	9.76	8.25	31.67	19.8	4.01	<2	-	-	-
C1	20190218	Drizzle	Moderate	Mid-Flood	M	6.3	15:20	9.93	8.24	29.71	19.9	3.34	<2	-	-	-
C1	20190218	Drizzle	Moderate	Mid-Flood	M	6.3	15:20	9.75	8.35	30.38	20	3.44	<2	-	-	-
C1	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:21	9.65	8.45	30.12	19.8	3	2	-	-	-
C1	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:21	9.47	8.09	31.28	20	3.02	2	-	-	-
CR1	20190218	Drizzle	Moderate	Mid-Flood	B	9.3	15:27	9.9	8.42	30.57	20	3.61	2	-	-	-
CR1	20190218	Drizzle	Moderate	Mid-Flood	B	9.3	15:27	9.82	8.45	30.12	19.9	3.55	3	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR1	20190218	Drizzle	Moderate	Mid-Flood	M	5.2	15:28	9.92	8.47	30.59	19.9	3.28	5	-	-	-
CR1	20190218	Drizzle	Moderate	Mid-Flood	M	5.2	15:28	10.12	8.43	30.93	20	3.27	4	-	-	-
CR1	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:29	10.03	8.07	30.91	20	2.86	4	-	-	-
CR1	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:29	10.07	8.01	29.74	20	2.77	3	-	-	-
B1	20190218	Drizzle	Moderate	Mid-Flood	B	4.7	15:48	10.3	8.25	31.57	19.9	3.95	<2	-	-	-
B1	20190218	Drizzle	Moderate	Mid-Flood	B	4.7	15:48	10.24	8.04	30.6	19.9	4.03	<2	-	-	-
B1	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:49	10.19	8.44	30.89	20	3	<2	-	-	-
B1	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:49	10.01	8.27	30.03	19.8	2.9	<2	-	-	-
B2	20190218	Drizzle	Moderate	Mid-Flood	B	4.8	16:03	11.1	8.23	30.39	19.8	3.99	2	-	-	-
B2	20190218	Drizzle	Moderate	Mid-Flood	B	4.8	16:03	11.2	8.17	30.69	19.9	4.03	3	-	-	-
B2	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:04	11.17	8.45	30.21	19.8	2.71	2	-	-	-
B2	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:04	11.34	8.33	29.82	19.8	2.79	2	-	-	-
B3	20190218	Drizzle	Moderate	Mid-Flood	B	4.7	16:28	11.04	8.33	30.96	19.8	3.7	<2	-	-	-
B3	20190218	Drizzle	Moderate	Mid-Flood	B	4.7	16:28	11.08	8.04	30.22	19.8	3.73	<2	-	-	-
B3	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:29	10.99	8.21	31.66	19.8	2.9	<2	-	-	-
B3	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:29	11.18	8.32	31.64	20	2.87	<2	-	-	-
CR2	20190218	Drizzle	Moderate	Mid-Flood	B	9.7	16:35	11.26	8.22	30.84	19.8	3.65	5	-	-	-
CR2	20190218	Drizzle	Moderate	Mid-Flood	B	9.7	16:35	11.4	8.04	31.4	19.8	3.69	5	-	-	-
CR2	20190218	Drizzle	Moderate	Mid-Flood	M	5.4	16:36	11.35	8.34	29.98	19.8	3.01	3	-	-	-
CR2	20190218	Drizzle	Moderate	Mid-Flood	M	5.4	16:37	11.15	8.18	30.92	20	2.95	3	-	-	-
CR2	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:37	11.01	8.24	30.35	19.9	2.51	3	-	-	-
CR2	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:38	10.98	8.26	30.25	20	2.46	2	-	-	-
B4	20190218	Drizzle	Moderate	Mid-Flood	B	4.8	16:39	9.89	8.09	30.45	19.9	3.88	<2	-	-	-
B4	20190218	Drizzle	Moderate	Mid-Flood	B	4.8	16:40	9.81	8.38	30.35	19.9	3.81	<2	-	-	-
B4	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:40	9.77	8.05	29.86	20	2.68	<2	-	-	-
B4	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:41	9.75	8.15	30.27	19.8	2.59	<2	-	-	-
H1	20190218	Drizzle	Moderate	Mid-Flood	B	8.5	16:57	9.83	8.48	30.25	19.9	3.95	2	-	-	-
H1	20190218	Drizzle	Moderate	Mid-Flood	B	8.5	16:58	9.8	8.04	30.37	19.9	3.99	<2	-	-	-
H1	20190218	Drizzle	Moderate	Mid-Flood	M	4.8	16:58	9.64	8.14	29.7	20	3.46	3	-	-	-
H1	20190218	Drizzle	Moderate	Mid-Flood	M	4.8	16:59	9.63	8.47	30.78	19.8	3.36	2	-	-	-
H1	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:59	9.54	8.01	30.61	19.9	2.99	<2	-	-	-
H1	20190218	Drizzle	Moderate	Mid-Flood	S	1	17:00	9.57	8.14	30.99	20	3.05	<2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
F1	20190218	Drizzle	Moderate	Mid-Flood	B	8.4	17:10	9.87	8.43	31.44	19.9	3.87	2	-	-	-
F1	20190218	Drizzle	Moderate	Mid-Flood	B	8.4	17:11	9.71	8.5	30.19	19.9	3.84	2	-	-	-
F1	20190218	Drizzle	Moderate	Mid-Flood	M	4.7	17:11	9.8	8.15	30.89	19.9	3.26	3	-	-	-
F1	20190218	Drizzle	Moderate	Mid-Flood	M	4.7	17:12	9.93	8.45	30.25	19.8	3.29	3	-	-	-
F1	20190218	Drizzle	Moderate	Mid-Flood	S	1	17:12	9.9	8.13	30.16	20	2.86	<2	-	-	-
F1	20190218	Drizzle	Moderate	Mid-Flood	S	1	17:13	9.99	8.25	30.98	19.9	2.82	<2	-	-	-
M1	20190218	Drizzle	Moderate	Mid-Flood	B	8.5	17:40	9.81	8.29	30.5	19.9	3.71	4	-	-	-
M1	20190218	Drizzle	Moderate	Mid-Flood	B	8.5	17:41	9.76	8.48	31.14	20	3.62	3	-	-	-
M1	20190218	Drizzle	Moderate	Mid-Flood	M	4.8	17:41	9.85	8.15	31.1	20	3.3	3	-	-	-
M1	20190218	Drizzle	Moderate	Mid-Flood	M	4.8	17:42	9.69	8	30.58	20	3.31	3	-	-	-
M1	20190218	Drizzle	Moderate	Mid-Flood	S	1	17:42	9.85	8.1	31.59	19.9	2.58	2	-	-	-
M1	20190218	Drizzle	Moderate	Mid-Flood	S	1	17:43	9.72	8.21	29.74	19.9	2.49	3	-	-	-
C1	20190220	Cloudy	Light	Mid-Ebb	B	10.6	12:54	10.75	8.11	30.65	20.5	4.78	4	-	-	-
C1	20190220	Cloudy	Light	Mid-Ebb	B	10.6	12:54	10.93	8.13	30.3	20.5	4.7	4	-	-	-
C1	20190220	Cloudy	Light	Mid-Ebb	M	5.8	12:55	10.97	8.46	30.81	20.4	4.43	2	-	-	-
C1	20190220	Cloudy	Light	Mid-Ebb	M	5.8	12:55	10.93	8.02	29.64	20.5	4.52	3	-	-	-
C1	20190220	Cloudy	Light	Mid-Ebb	S	1	12:56	11.08	8.01	30.7	20.5	3.51	3	-	-	-
C1	20190220	Cloudy	Light	Mid-Ebb	S	1	12:56	11.08	8.39	29.9	20.4	3.41	3	-	-	-
F1	20190220	Cloudy	Light	Mid-Ebb	B	7.8	12:56	10.24	8.33	30.63	20.5	4.53	3	-	-	-
F1	20190220	Cloudy	Light	Mid-Ebb	B	7.8	12:56	10.18	8.41	29.7	20.5	4.59	3	-	-	-
F1	20190220	Cloudy	Light	Mid-Ebb	M	4.4	12:57	9.98	8.27	30.22	20.6	4.21	3	-	-	-
F1	20190220	Cloudy	Light	Mid-Ebb	M	4.4	12:57	9.99	8.18	30.26	20.5	4.11	2	-	-	-
F1	20190220	Cloudy	Light	Mid-Ebb	S	1	12:58	9.98	8	30.14	20.5	3.9	2	-	-	-
F1	20190220	Cloudy	Light	Mid-Ebb	S	1	12:58	9.79	8.09	30.63	20.4	3.94	2	-	-	-
B1	20190220	Cloudy	Light	Mid-Ebb	B	4.4	13:16	10.46	8.01	30.61	20.4	4.79	<2	-	-	-
B1	20190220	Cloudy	Light	Mid-Ebb	B	4.4	13:16	10.58	8.31	30.16	20.4	4.75	<2	-	-	-
B1	20190220	Cloudy	Light	Mid-Ebb	S	1	13:17	10.47	8.16	30.55	20.5	3.96	3	-	-	-
B1	20190220	Cloudy	Light	Mid-Ebb	S	1	13:17	10.59	8.36	29.91	20.5	4.06	2	-	-	-
M1	20190220	Cloudy	Light	Mid-Ebb	B	7.9	13:24	10.94	8.38	30.3	20.6	4.95	2	-	-	-
M1	20190220	Cloudy	Light	Mid-Ebb	B	7.9	13:24	10.97	8.36	30.58	20.5	5.05	3	-	-	-
M1	20190220	Cloudy	Light	Mid-Ebb	M	4.5	13:25	10.96	8.29	29.6	20.6	4.03	<2	-	-	-
M1	20190220	Cloudy	Light	Mid-Ebb	M	4.5	13:25	10.76	8.22	31	20.4	3.97	<2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
M1	20190220	Cloudy	Light	Mid-Ebb	S	1	13:26	10.81	8.38	30	20.4	3.71	2	-	-	-
M1	20190220	Cloudy	Light	Mid-Ebb	S	1	13:26	10.87	8.27	30.76	20.5	3.62	2	-	-	-
B2	20190220	Cloudy	Light	Mid-Ebb	B	4.5	13:29	10.81	8.22	30.63	20.6	4.71	2	-	-	-
B2	20190220	Cloudy	Light	Mid-Ebb	B	4.5	13:29	10.78	8.03	30.54	20.6	4.61	2	-	-	-
B2	20190220	Cloudy	Light	Mid-Ebb	S	1	13:30	10.86	8.39	30.48	20.4	3.99	3	-	-	-
B2	20190220	Cloudy	Light	Mid-Ebb	S	1	13:30	10.77	8.02	29.87	20.5	4.04	3	-	-	-
C2	20190220	Cloudy	Light	Mid-Ebb	B	8.3	13:49	10.57	8.37	30.26	20.6	4.76	3	-	-	-
C2	20190220	Cloudy	Light	Mid-Ebb	B	8.3	13:49	10.52	8.07	30.39	20.6	4.71	4	-	-	-
C2	20190220	Cloudy	Light	Mid-Ebb	M	4.7	13:50	10.7	8.13	30.2	20.4	4.36	4	-	-	-
C2	20190220	Cloudy	Light	Mid-Ebb	M	4.7	13:50	10.7	8.31	30.24	20.5	4.33	3	-	-	-
C2	20190220	Cloudy	Light	Mid-Ebb	S	1	13:51	10.74	8.35	30.6	20.4	3.55	4	-	-	-
C2	20190220	Cloudy	Light	Mid-Ebb	S	1	13:52	10.75	8.22	30.78	20.5	3.56	4	-	-	-
CR2	20190220	Cloudy	Light	Mid-Ebb	B	9.4	13:56	9.9	8.02	29.85	20.5	4.75	3	-	-	-
CR2	20190220	Cloudy	Light	Mid-Ebb	B	9.4	13:57	9.75	8.29	29.9	20.6	4.66	4	-	-	-
CR2	20190220	Cloudy	Light	Mid-Ebb	M	5.2	13:57	9.92	8.05	29.97	20.4	4.3	2	-	-	-
CR2	20190220	Cloudy	Light	Mid-Ebb	M	5.2	13:58	9.86	8.46	30.82	20.6	4.22	2	-	-	-
CR2	20190220	Cloudy	Light	Mid-Ebb	S	1	13:58	9.91	8.26	30.11	20.6	3.79	2	-	-	-
CR2	20190220	Cloudy	Light	Mid-Ebb	S	1	13:59	9.73	8.46	30.84	20.5	3.82	2	-	-	-
B4	20190220	Cloudy	Light	Mid-Ebb	B	4.4	14:00	9.91	8.07	29.5	20.6	4.61	3	-	-	-
B4	20190220	Cloudy	Light	Mid-Ebb	B	4.4	14:01	9.71	8.06	30.71	20.5	4.64	4	-	-	-
B4	20190220	Cloudy	Light	Mid-Ebb	S	1	14:01	9.9	8.09	30.93	20.4	3.82	4	-	-	-
B4	20190220	Cloudy	Light	Mid-Ebb	S	1	14:02	10.03	8.29	29.85	20.4	3.74	3	-	-	-
B3	20190220	Cloudy	Light	Mid-Ebb	B	4.5	14:10	9.98	8.44	30.09	20.5	4.72	3	-	-	-
B3	20190220	Cloudy	Light	Mid-Ebb	B	4.5	14:11	10.04	8.47	29.83	20.4	4.66	4	-	-	-
B3	20190220	Cloudy	Light	Mid-Ebb	S	1	14:11	10.11	8.45	30.39	20.5	3.5	4	-	-	-
B3	20190220	Cloudy	Light	Mid-Ebb	S	1	14:12	10.15	8.38	30.96	20.6	3.45	2	-	-	-
CR1	20190220	Cloudy	Light	Mid-Ebb	B	8.6	15:57	10.46	8.42	30.36	20.5	4.88	3	-	-	-
CR1	20190220	Cloudy	Light	Mid-Ebb	B	8.6	15:58	10.37	8.37	30.12	20.6	4.92	3	-	-	-
CR1	20190220	Cloudy	Light	Mid-Ebb	M	4.8	15:58	10.44	8.21	29.76	20.4	4.02	3	-	-	-
CR1	20190220	Cloudy	Light	Mid-Ebb	M	4.8	15:59	10.53	8.35	29.77	20.6	4.11	3	-	-	-
CR1	20190220	Cloudy	Light	Mid-Ebb	S	1	15:59	10.57	8.1	31	20.6	3.81	2	-	-	-
CR1	20190220	Cloudy	Light	Mid-Ebb	S	1	16:00	10.45	8.36	29.57	20.5	3.89	2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
H1	20190220	Cloudy	Light	Mid-Ebb	B	8	14:21	10.18	8.36	30.55	20.5	4.82	4	-	-	-
H1	20190220	Cloudy	Light	Mid-Ebb	B	8	14:22	10.24	8.09	30.93	20.4	4.83	3	-	-	-
H1	20190220	Cloudy	Light	Mid-Ebb	M	4.5	14:22	10.04	8.03	30.17	20.5	4.31	2	-	-	-
H1	20190220	Cloudy	Light	Mid-Ebb	M	4.5	14:23	10.2	8.06	29.52	20.5	4.27	3	-	-	-
H1	20190220	Cloudy	Light	Mid-Ebb	S	1	14:23	10.01	8.43	29.91	20.5	3.95	3	-	-	-
H1	20190220	Cloudy	Light	Mid-Ebb	S	1	14:24	9.97	8.27	29.58	20.4	4	2	-	-	-
C2	20190220	Sunny	Moderate	Mid-Flood	B	8.8	15:47	10.47	8.11	30.03	20.6	5	<2	-	-	-
C2	20190220	Sunny	Moderate	Mid-Flood	B	8.8	15:48	10.44	8.25	30.6	20.4	5.07	<2	-	-	-
C2	20190220	Sunny	Moderate	Mid-Flood	M	4.9	15:49	10.52	8.26	30.43	20.4	4.1	2	-	-	-
C2	20190220	Sunny	Moderate	Mid-Flood	M	4.9	15:49	10.43	8.23	29.66	20.4	4.2	2	-	-	-
C2	20190220	Sunny	Moderate	Mid-Flood	S	1	15:50	10.47	8.41	29.65	20.6	3.59	2	-	-	-
C2	20190220	Sunny	Moderate	Mid-Flood	S	1	15:50	10.36	8.16	30.6	20.6	3.61	3	-	-	-
CR1	20190220	Sunny	Moderate	Mid-Flood	B	9.3	16:02	10.38	8.13	30.59	20.6	4.91	3	-	-	-
CR1	20190220	Sunny	Moderate	Mid-Flood	B	9.3	16:02	10.43	8.17	30.88	20.5	4.89	3	-	-	-
CR1	20190220	Sunny	Moderate	Mid-Flood	M	5.2	16:03	10.43	8.33	30.93	20.6	4.15	4	-	-	-
CR1	20190220	Sunny	Moderate	Mid-Flood	M	5.2	16:03	10.49	8.02	30.08	20.4	4.08	3	-	-	-
CR1	20190220	Sunny	Moderate	Mid-Flood	S	1	16:04	10.53	8.4	30.91	20.4	3.68	3	-	-	-
CR1	20190220	Sunny	Moderate	Mid-Flood	S	1	16:04	10.63	8.16	29.86	20.5	3.58	4	-	-	-
C1	20190220	Sunny	Moderate	Mid-Flood	B	11.5	16:32	10.28	8.2	29.8	20.5	4.81	3	-	-	-
C1	20190220	Sunny	Moderate	Mid-Flood	B	11.5	16:32	10.47	8.09	29.92	20.6	4.82	2	-	-	-
C1	20190220	Sunny	Moderate	Mid-Flood	M	6.3	16:33	10.3	8.27	30.51	20.6	4.44	3	-	-	-
C1	20190220	Sunny	Moderate	Mid-Flood	M	6.3	16:33	10.28	8.23	29.97	20.5	4.4	3	-	-	-
C1	20190220	Sunny	Moderate	Mid-Flood	S	1	16:34	10.17	8.4	29.67	20.4	3.9	2	-	-	-
C1	20190220	Sunny	Moderate	Mid-Flood	S	1	16:34	10.21	8.47	30.76	20.5	3.93	2	-	-	-
B1	20190220	Sunny	Moderate	Mid-Flood	B	4.7	16:58	10.64	8.02	30.93	20.5	4.59	2	-	-	-
B1	20190220	Sunny	Moderate	Mid-Flood	B	4.7	16:58	10.6	8.18	30	20.4	4.51	2	-	-	-
B1	20190220	Sunny	Moderate	Mid-Flood	S	1	16:59	10.57	8.37	30.15	20.4	3.65	4	-	-	-
B1	20190220	Sunny	Moderate	Mid-Flood	S	1	16:59	10.43	8.24	30.26	20.5	3.58	4	-	-	-
B2	20190220	Sunny	Moderate	Mid-Flood	B	4.7	17:13	10.6	8.06	30.82	20.4	4.91	2	-	-	-
B2	20190220	Sunny	Moderate	Mid-Flood	B	4.7	17:13	10.41	8.24	30.95	20.4	4.9	2	-	-	-
B2	20190220	Sunny	Moderate	Mid-Flood	S	1	17:14	10.26	8.38	30.37	20.6	4	4	-	-	-
B2	20190220	Sunny	Moderate	Mid-Flood	S	1	17:14	10.13	8.48	30.85	20.5	4.08	2	-	-	-



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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR2	20190220	Sunny	Moderate	Mid-Flood	B	9.8	17:13	9.92	8.26	30.45	20.5	4.8	3	-	-	-
CR2	20190220	Sunny	Moderate	Mid-Flood	B	9.8	17:13	9.84	8.38	30.81	20.4	4.74	4	-	-	-
CR2	20190220	Sunny	Moderate	Mid-Flood	M	5.4	17:14	10.03	8.23	30.07	20.4	4	2	-	-	-
CR2	20190220	Sunny	Moderate	Mid-Flood	M	5.4	17:14	9.86	8.39	30.43	20.6	4.05	3	-	-	-
CR2	20190220	Sunny	Moderate	Mid-Flood	S	1	17:15	9.9	8.19	30.09	20.5	3.97	3	-	-	-
CR2	20190220	Sunny	Moderate	Mid-Flood	S	1	17:15	9.97	8.3	30.24	20.4	4.05	2	-	-	-
H1	20190220	Sunny	Moderate	Mid-Flood	B	8.7	17:28	10.2	8.07	29.91	20.5	4.55	6	-	-	-
H1	20190220	Sunny	Moderate	Mid-Flood	B	8.7	17:29	10.08	8.07	30	20.5	4.62	6	-	-	-
H1	20190220	Sunny	Moderate	Mid-Flood	M	4.9	17:29	10.27	8.43	30.53	20.6	4.18	6	-	-	-
H1	20190220	Sunny	Moderate	Mid-Flood	M	4.9	17:30	10.44	8.3	29.53	20.6	4.08	6	-	-	-
H1	20190220	Sunny	Moderate	Mid-Flood	S	1	17:30	10.64	8.46	30.12	20.6	3.55	4	-	-	-
H1	20190220	Sunny	Moderate	Mid-Flood	S	1	17:31	10.75	8.36	29.52	20.6	3.58	4	-	-	-
B3	20190220	Sunny	Moderate	Mid-Flood	B	4.8	17:37	10.24	8.24	29.66	20.6	4.99	3	-	-	-
B3	20190220	Sunny	Moderate	Mid-Flood	B	4.8	17:38	10.32	8.41	29.59	20.5	5.01	4	-	-	-
B3	20190220	Sunny	Moderate	Mid-Flood	S	1	17:38	10.35	8.24	30.09	20.6	3.55	3	-	-	-
B3	20190220	Sunny	Moderate	Mid-Flood	S	1	17:39	10.28	8.33	30.97	20.4	3.52	4	-	-	-
B4	20190220	Sunny	Moderate	Mid-Flood	B	4.8	17:48	10.74	8.12	29.69	20.4	4.59	2	-	-	-
B4	20190220	Sunny	Moderate	Mid-Flood	B	4.8	17:49	10.87	8.37	30.77	20.4	4.52	3	-	-	-
B4	20190220	Sunny	Moderate	Mid-Flood	S	1	17:49	11.07	8.26	30.11	20.4	3.57	3	-	-	-
B4	20190220	Sunny	Moderate	Mid-Flood	S	1	17:50	11.22	8.13	30.26	20.5	3.66	2	-	-	-
M1	20190220	Sunny	Moderate	Mid-Flood	B	8.5	18:12	10.53	8.05	30.8	20.5	4.63	3	-	-	-
M1	20190220	Sunny	Moderate	Mid-Flood	B	8.5	18:13	10.44	8.4	30.95	20.6	4.61	3	-	-	-
M1	20190220	Sunny	Moderate	Mid-Flood	M	4.8	18:13	10.32	8.01	30.88	20.4	4.43	3	-	-	-
M1	20190220	Sunny	Moderate	Mid-Flood	M	4.8	18:14	10.2	8.31	30.67	20.6	4.52	3	-	-	-
M1	20190220	Sunny	Moderate	Mid-Flood	S	1	18:14	10.19	8.49	30.81	20.6	3.5	4	-	-	-
M1	20190220	Sunny	Moderate	Mid-Flood	S	1	18:15	9.99	8.05	30.01	20.6	3.43	4	-	-	-
F1	20190220	Sunny	Moderate	Mid-Flood	B	8.4	18:16	10.19	8.48	29.71	20.5	4.85	3	-	-	-
F1	20190220	Sunny	Moderate	Mid-Flood	B	8.4	18:17	10.3	8.35	30.04	20.5	4.89	3	-	-	-
F1	20190220	Sunny	Moderate	Mid-Flood	M	4.7	18:17	10.23	8.26	29.75	20.6	4.05	2	-	-	-
F1	20190220	Sunny	Moderate	Mid-Flood	M	4.7	18:18	10.4	8.01	29.88	20.6	4.13	2	-	-	-
F1	20190220	Sunny	Moderate	Mid-Flood	S	1	18:18	10.43	8.17	29.91	20.6	3.8	2	-	-	-
F1	20190220	Sunny	Moderate	Mid-Flood	S	1	18:19	10.43	8.12	30.2	20.5	3.83	3	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B1	20190222	Cloudy	Light	Mid-Flood	B	4.8	9:55	13.35	8.91	29.75	20.6	4.47	<2	-	-	-
B1	20190222	Cloudy	Light	Mid-Flood	B	4.8	9:55	14.06	8.83	30.59	21.1	4.39	<2	-	-	-
B1	20190222	Cloudy	Light	Mid-Flood	S	1	9:56	12.89	8.95	32.6	21.1	3.57	<2	-	-	-
B1	20190222	Cloudy	Light	Mid-Flood	S	1	9:56	13.43	8.96	32.2	20.8	3.49	<2	-	-	-
B2	20190222	Cloudy	Light	Mid-Flood	B	4.9	10:09	13.77	8.87	32.01	20.9	4.23	2	-	-	-
B2	20190222	Cloudy	Light	Mid-Flood	B	4.9	10:09	12.08	8.94	31.9	21.1	4.14	3	-	-	-
B2	20190222	Cloudy	Light	Mid-Flood	S	1	10:10	14.01	8.94	30.74	21	3.86	3	-	-	-
B2	20190222	Cloudy	Light	Mid-Flood	S	1	10:10	12.59	8.89	31.1	20.6	3.89	3	-	-	-
B3	20190222	Cloudy	Light	Mid-Flood	B	5.3	10:32	13.75	8.83	30.52	20.9	4.46	3	-	-	-
B3	20190222	Cloudy	Light	Mid-Flood	B	5.3	10:32	13.64	8.84	31.42	21.1	4.44	3	-	-	-
B3	20190222	Cloudy	Light	Mid-Flood	S	1	10:33	13.4	8.87	32.73	20.7	3.75	3	-	-	-
B3	20190222	Cloudy	Light	Mid-Flood	S	1	10:33	12.23	8.82	29.84	20.9	3.85	3	-	-	-
B4	20190222	Cloudy	Light	Mid-Flood	B	5.3	10:41	13.99	8.9	29.95	21.2	4.26	<2	-	-	-
B4	20190222	Cloudy	Light	Mid-Flood	B	5.3	10:41	12.87	8.9	31.5	20.9	4.33	<2	-	-	-
B4	20190222	Cloudy	Light	Mid-Flood	S	1	10:42	13.46	8.87	31.23	21.2	3.84	<2	-	-	-
B4	20190222	Cloudy	Light	Mid-Flood	S	1	10:42	12.87	8.83	32.81	20.6	3.85	<2	-	-	-
C1	20190222	Cloudy	Light	Mid-Flood	B	10.8	8:47	12.6	8.82	30.52	21.2	4.09	2	-	-	-
C1	20190222	Cloudy	Light	Mid-Flood	B	10.8	8:47	13.79	8.86	30.15	20.8	4.01	2	-	-	-
C1	20190222	Cloudy	Light	Mid-Flood	M	5.9	8:48	12.21	8.88	30.75	21.1	3.06	2	-	-	-
C1	20190222	Cloudy	Light	Mid-Flood	M	5.9	8:48	13.12	8.91	32.56	21.2	3.15	2	-	-	-
C1	20190222	Cloudy	Light	Mid-Flood	S	1	8:49	12.83	8.87	30.67	21.2	3.94	<2	-	-	-
C1	20190222	Cloudy	Light	Mid-Flood	S	1	8:49	13.58	8.89	29.12	20.9	3.84	<2	-	-	-
C2	20190222	Cloudy	Light	Mid-Flood	B	7.5	9:25	12.23	8.97	29.18	21	4.45	2	-	-	-
C2	20190222	Cloudy	Light	Mid-Flood	B	7.5	9:25	12.89	8.82	31.18	21	4.4	2	-	-	-
C2	20190222	Cloudy	Light	Mid-Flood	M	4.25	9:26	12.75	8.92	32.01	21	3.48	3	-	-	-
C2	20190222	Cloudy	Light	Mid-Flood	M	4.25	9:26	12.15	8.93	30.86	21.1	3.4	2	-	-	-
C2	20190222	Cloudy	Light	Mid-Flood	S	1	9:27	12.36	8.85	29.67	21	3.86	4	-	-	-
C2	20190222	Cloudy	Light	Mid-Flood	S	1	9:27	12.13	8.9	29.45	21.2	3.95	3	-	-	-
F1	20190222	Cloudy	Light	Mid-Flood	B	6.9	11:09	12.37	8.88	30.38	20.6	4.21	5	-	-	-
F1	20190222	Cloudy	Light	Mid-Flood	B	6.9	11:09	13.48	8.86	31.85	20.7	4.28	4	-	-	-
F1	20190222	Cloudy	Light	Mid-Flood	M	3.95	11:10	12.7	8.89	29.45	20.6	3.24	4	-	-	-
F1	20190222	Cloudy	Light	Mid-Flood	M	3.95	11:10	12.07	8.92	32.01	21	3.18	5	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
F1	20190222	Cloudy	Light	Mid-Flood	S	1	11:11	12.62	8.96	30.63	20.7	3.8	3	-	-	-
F1	20190222	Cloudy	Light	Mid-Flood	S	1	11:11	13.61	8.91	31.04	20.8	3.77	4	-	-	-
H1	20190222	Cloudy	Light	Mid-Flood	B	7	10:18	13.61	8.83	32.56	21.2	4.5	<2	-	-	-
H1	20190222	Cloudy	Light	Mid-Flood	B	7	10:18	13.01	8.92	32.63	20.9	4.56	<2	-	-	-
H1	20190222	Cloudy	Light	Mid-Flood	M	4	10:19	14.07	8.97	30.97	20.9	3.4	<2	-	-	-
H1	20190222	Cloudy	Light	Mid-Flood	M	4	10:19	13.83	8.94	32.07	21.2	3.5	<2	-	-	-
H1	20190222	Cloudy	Light	Mid-Flood	S	1	10:20	12.74	8.86	32.68	21.2	3.99	<2	-	-	-
H1	20190222	Cloudy	Light	Mid-Flood	S	1	10:20	12.38	8.96	30.96	20.9	3.9	<2	-	-	-
M1	20190222	Cloudy	Light	Mid-Flood	B	8.6	11:40	13.29	8.92	32.04	21	4.22	<2	-	-	-
M1	20190222	Cloudy	Light	Mid-Flood	B	8.6	11:40	12.25	8.89	32.02	20.9	4.28	<2	-	-	-
M1	20190222	Cloudy	Light	Mid-Flood	M	4.8	11:41	13.82	8.86	30.95	20.8	3.03	<2	-	-	-
M1	20190222	Cloudy	Light	Mid-Flood	M	4.8	11:41	12.38	8.85	32.39	21.1	3.01	<2	-	-	-
M1	20190222	Cloudy	Light	Mid-Flood	S	1	11:42	13.56	8.82	31.87	21.1	4	<2	-	-	-
M1	20190222	Cloudy	Light	Mid-Flood	S	1	11:42	12.34	8.95	30.75	21	4.01	<2	-	-	-
CR1	20190222	Cloudy	Light	Mid-Flood	B	12	8:47	13.06	8.83	30.12	20.8	4.23	<2	-	-	-
CR1	20190222	Cloudy	Light	Mid-Flood	B	12	8:47	13.09	8.84	29.46	21.2	4.3	<2	-	-	-
CR1	20190222	Cloudy	Light	Mid-Flood	M	6.5	8:48	12.66	8.85	31.8	20.8	3.46	<2	-	-	-
CR1	20190222	Cloudy	Light	Mid-Flood	M	6.5	8:48	13.02	8.94	31.22	20.8	3.54	<2	-	-	-
CR1	20190222	Cloudy	Light	Mid-Flood	S	1	8:49	12.27	8.88	31.65	20.8	3.77	<2	-	-	-
CR1	20190222	Cloudy	Light	Mid-Flood	S	1	8:49	13.94	8.93	32.31	20.8	3.7	<2	-	-	-
CR2	20190222	Cloudy	Light	Mid-Flood	B	10.6	9:58	12.85	8.82	31.67	21.2	4.18	<2	-	-	-
CR2	20190222	Cloudy	Light	Mid-Flood	B	10.6	9:58	13.03	8.82	29.09	20.7	4.14	<2	-	-	-
CR2	20190222	Cloudy	Light	Mid-Flood	M	5.8	9:59	13.29	8.82	30.49	20.7	3.5	<2	-	-	-
CR2	20190222	Cloudy	Light	Mid-Flood	M	5.8	9:59	13.71	8.86	30.85	21	3.42	<2	-	-	-
CR2	20190222	Cloudy	Light	Mid-Flood	S	1	10:00	13.59	8.94	32.3	20.6	3.82	<2	-	-	-
CR2	20190222	Cloudy	Light	Mid-Flood	S	1	10:00	13.45	8.88	30.95	20.9	3.77	<2	-	-	-
B1	20190222	Cloudy	Light	Mid-Ebb	B	4.8	13:14	13.45	8.86	32.53	21.1	4.03	<2	-	-	-
B1	20190222	Cloudy	Light	Mid-Ebb	B	4.8	13:14	12.44	8.85	32.37	21.1	3.95	<2	-	-	-
B1	20190222	Cloudy	Light	Mid-Ebb	S	1	13:15	13.4	8.85	31.16	20.9	3.52	<2	-	-	-
B1	20190222	Cloudy	Light	Mid-Ebb	S	1	13:15	12.1	8.83	29.89	21.1	3.47	<2	-	-	-
B2	20190222	Cloudy	Light	Mid-Ebb	B	4.8	13:28	12.11	8.85	32.28	20.9	4.2	<2	-	-	-
B2	20190222	Cloudy	Light	Mid-Ebb	B	4.8	13:28	13.66	8.82	32.67	21.2	4.19	<2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <sup>note 1</sup>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <sup>Note 3</sup>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B2	20190222	Cloudy	Light	Mid-Ebb	S	1	13:29	13.48	8.95	31.14	20.8	3.79	<2	-	-	-
B2	20190222	Cloudy	Light	Mid-Ebb	S	1	13:29	12.55	8.9	29.72	21.2	3.73	<2	-	-	-
B3	20190222	Cloudy	Light	Mid-Ebb	B	4.8	14:01	12.94	8.97	30.6	21.2	4.03	<2	-	-	-
B3	20190222	Cloudy	Light	Mid-Ebb	B	4.8	14:01	13	8.94	32.74	20.7	4.01	<2	-	-	-
B3	20190222	Cloudy	Light	Mid-Ebb	S	1	14:02	13.77	8.86	30.52	21.2	3.68	<2	-	-	-
B3	20190222	Cloudy	Light	Mid-Ebb	S	1	14:02	13.87	8.83	32.77	20.6	3.64	<2	-	-	-
B4	20190222	Cloudy	Light	Mid-Ebb	B	5	14:06	12.33	8.83	31.4	21	4.25	<2	-	-	-
B4	20190222	Cloudy	Light	Mid-Ebb	B	5	14:06	13.49	8.96	29.11	20.7	4.24	<2	-	-	-
B4	20190222	Cloudy	Light	Mid-Ebb	S	1	14:07	12.81	8.93	32.43	21.2	3.98	<2	-	-	-
B4	20190222	Cloudy	Light	Mid-Ebb	S	1	14:07	12.23	8.83	32.84	21.2	4.03	<2	-	-	-
C1	20190222	Cloudy	Light	Mid-Ebb	B	9.3	13:16	12.93	8.95	31.69	21	4.44	<2	-	-	-
C1	20190222	Cloudy	Light	Mid-Ebb	B	9.3	13:16	12.92	8.87	30.94	20.8	4.54	<2	-	-	-
C1	20190222	Cloudy	Light	Mid-Ebb	M	5.15	13:17	12.24	8.84	30.55	20.9	3.2	2	-	-	-
C1	20190222	Cloudy	Light	Mid-Ebb	M	5.15	13:17	13.77	8.94	32.42	21.1	3.26	<2	-	-	-
C1	20190222	Cloudy	Light	Mid-Ebb	S	1	13:18	13.23	8.91	30.71	20.6	3.64	<2	-	-	-
C1	20190222	Cloudy	Light	Mid-Ebb	S	1	13:18	13.88	8.96	31	20.9	3.55	<2	-	-	-
C2	20190222	Cloudy	Light	Mid-Ebb	B	6.9	14:18	12.71	8.93	30.25	21	4.24	2	-	-	-
C2	20190222	Cloudy	Light	Mid-Ebb	B	6.9	14:18	14.01	8.89	31.48	20.6	4.28	2	-	-	-
C2	20190222	Cloudy	Light	Mid-Ebb	M	3.95	14:19	13.91	8.88	31.31	21.1	3.38	<2	-	-	-
C2	20190222	Cloudy	Light	Mid-Ebb	M	3.95	14:19	13.2	8.86	31.63	20.8	3.43	<2	-	-	-
C2	20190222	Cloudy	Light	Mid-Ebb	S	1	14:20	12.56	8.94	30.68	21	3.77	2	-	-	-
C2	20190222	Cloudy	Light	Mid-Ebb	S	1	14:20	12.79	8.9	32.73	20.6	3.67	<2	-	-	-
F1	20190222	Cloudy	Light	Mid-Ebb	B	7.2	14:40	12.18	8.97	32.34	20.8	4.28		-	-	-
F1	20190222	Cloudy	Light	Mid-Ebb	B	7.2	14:40	12.35	8.88	30.63	21	4.26	2	-	-	-
F1	20190222	Cloudy	Light	Mid-Ebb	M	4.1	14:41	13.1	8.88	29.67	20.7	3.34	2	-	-	-
F1	20190222	Cloudy	Light	Mid-Ebb	M	4.1	14:41	13.3	8.91	30.63	20.7	3.29	2	-	-	-
F1	20190222	Cloudy	Light	Mid-Ebb	S	1	14:42	12.7	8.97	30.64	21.2	3.53	<2	-	-	-
F1	20190222	Cloudy	Light	Mid-Ebb	S	1	14:42	12.62	8.85	29.75	21.2	3.44	<2	-	-	-
H1	20190222	Cloudy	Light	Mid-Ebb	B	6.3	13:52	12.47	8.92	32.22	21.1	4.05	<2	-	-	-
H1	20190222	Cloudy	Light	Mid-Ebb	B	6.3	13:52	13.13	8.82	31.6	21.1	3.96	<2	-	-	-
H1	20190222	Cloudy	Light	Mid-Ebb	M	3.65	13:53	12.21	8.93	29.71	20.6	3.1	<2	-	-	-
H1	20190222	Cloudy	Light	Mid-Ebb	M	3.65	13:53	13.53	8.83	31.21	20.7	3.19	<2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <sup>note 1</sup>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <sup>Note 3</sup>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
H1	20190222	Cloudy	Light	Mid-Ebb	S	1	13:54	12.05	8.9	32.29	21	3.8	<2	-	-	-
H1	20190222	Cloudy	Light	Mid-Ebb	S	1	13:54	12.35	8.85	32.06	20.9	3.84	<2	-	-	-
M1	20190222	Cloudy	Light	Mid-Ebb	B	8.5	15:55	12.97	8.89	30.28	21.1	4.16	<2	-	-	-
M1	20190222	Cloudy	Light	Mid-Ebb	B	8.5	15:55	12.1	8.92	31.14	20.7	4.12	<2	-	-	-
M1	20190222	Cloudy	Light	Mid-Ebb	M	4.75	15:56	12.43	8.97	30.99	20.6	3.1	<2	-	-	-
M1	20190222	Cloudy	Light	Mid-Ebb	M	4.75	15:56	12.06	8.94	32.4	21.1	3.06	<2	-	-	-
M1	20190222	Cloudy	Light	Mid-Ebb	S	1	15:57	13.81	8.86	32.06	21.2	3.64	2	-	-	-
M1	20190222	Cloudy	Light	Mid-Ebb	S	1	15:57	13.02	8.91	32.54	21.2	3.58	<2	-	-	-
CR1	20190222	Cloudy	Light	Mid-Ebb	B	11	15:15	13.98	8.9	31.4	20.7	4.11	<2	-	-	-
CR1	20190222	Cloudy	Light	Mid-Ebb	B	11	15:15	13.07	8.9	32.2	20.9	4.09	<2	-	-	-
CR1	20190222	Cloudy	Light	Mid-Ebb	M	6	15:16	13.01	8.84	29.5	20.6	3.27	<2	-	-	-
CR1	20190222	Cloudy	Light	Mid-Ebb	M	6	15:16	13.23	8.82	29.55	21	3.25	<2	-	-	-
CR1	20190222	Cloudy	Light	Mid-Ebb	S	1	15:17	13.72	8.87	30.25	20.7	3.92	2	-	-	-
CR1	20190222	Cloudy	Light	Mid-Ebb	S	1	15:17	12.7	8.87	32.68	21.1	3.97	<2	-	-	-
CR2	20190222	Cloudy	Light	Mid-Ebb	B	9.6	15:05	12.54	8.94	30.5	20.6	4.2	3	-	-	-
CR2	20190222	Cloudy	Light	Mid-Ebb	B	9.6	15:05	13.44	8.88	32.9	21.2	4.18	2	-	-	-
CR2	20190222	Cloudy	Light	Mid-Ebb	M	5.3	15:06	12.06	8.95	31.32	21.2	3.34	<2	-	-	-
CR2	20190222	Cloudy	Light	Mid-Ebb	M	5.3	15:06	12.55	8.91	30.6	21.2	3.28	<2	-	-	-
CR2	20190222	Cloudy	Light	Mid-Ebb	S	1	15:07	12.83	8.89	29.11	20.7	3.57	3	-	-	-
CR2	20190222	Cloudy	Light	Mid-Ebb	S	1	15:07	12.27	8.86	29.28	20.8	3.63	2	-	-	-
B1	20190225	Cloudy	Light	Mid-Flood	B	5.2	10:22	8.69	8.76	30.36	20.2	3.55	4	-	-	-
B1	20190225	Cloudy	Light	Mid-Flood	B	5.2	10:22	8.92	8.82	32.06	19.9	3.45	4	-	-	-
B1	20190225	Cloudy	Light	Mid-Flood	S	1	10:23	8.78	8.72	32.94	20	3.23	3	-	-	-
B1	20190225	Cloudy	Light	Mid-Flood	S	1	10:23	8.84	8.66	31.84	19.9	3.21	3	-	-	-
B2	20190225	Cloudy	Light	Mid-Flood	B	4.7	10:35	8.61	8.68	30.96	20	3.66	4	-	-	-
B2	20190225	Cloudy	Light	Mid-Flood	B	4.7	10:35	8.76	8.65	33.62	19.8	3.66	4	-	-	-
B2	20190225	Cloudy	Light	Mid-Flood	S	1	10:36	8.72	8.62	30.13	19.8	3.04	4	-	-	-
B2	20190225	Cloudy	Light	Mid-Flood	S	1	10:36	8.98	8.79	30.07	20	3.07	4	-	-	-
B3	20190225	Cloudy	Light	Mid-Flood	B	5.2	10:36	8.56	8.67	32.16	20	3.92	5	-	-	-
B3	20190225	Cloudy	Light	Mid-Flood	B	5.2	10:36	8.54	8.83	32.59	20	3.98	6	-	-	-
B3	20190225	Cloudy	Light	Mid-Flood	S	1	10:37	8.67	8.64	32.98	19.9	3.33	4	-	-	-
B3	20190225	Cloudy	Light	Mid-Flood	S	1	10:37	8.94	8.78	32.44	20.1	3.4	3	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B4	20190225	Cloudy	Light	Mid-Flood	B	5.5	10:49	8.73	8.85	31.19	20.2	3.62	4	-	-	-
B4	20190225	Cloudy	Light	Mid-Flood	B	5.5	10:49	8.71	8.66	33.28	20.1	3.61	4	-	-	-
B4	20190225	Cloudy	Light	Mid-Flood	S	1	10:50	8.74	8.83	31.71	20	3.46	4	-	-	-
B4	20190225	Cloudy	Light	Mid-Flood	S	1	10:50	8.83	8.65	31.3	20.2	3.41	3	-	-	-
C1	20190225	Cloudy	Light	Mid-Flood	B	11	9:57	8.94	8.8	33.4	20.1	3.85	6	-	-	-
C1	20190225	Cloudy	Light	Mid-Flood	B	11	9:57	8.9	8.71	33.36	19.9	3.82	6	-	-	-
C1	20190225	Cloudy	Light	Mid-Flood	M	6	9:58	8.91	8.63	33.82	19.8	2.76	4	-	-	-
C1	20190225	Cloudy	Light	Mid-Flood	M	6	9:58	8.77	8.8	33.4	19.8	2.67	6	-	-	-
C1	20190225	Cloudy	Light	Mid-Flood	S	1	9:59	8.86	8.82	33.52	20.2	3.28	5	-	-	-
C1	20190225	Cloudy	Light	Mid-Flood	S	1	9:59	8.6	8.72	33.74	19.8	3.21	4	-	-	-
C2	20190225	Cloudy	Light	Mid-Flood	B	7.2	9:03	8.76	8.67	33.44	19.8	3.69	4	-	-	-
C2	20190225	Cloudy	Light	Mid-Flood	B	7.2	9:03	8.77	8.72	33.23	20	3.67	4	-	-	-
C2	20190225	Cloudy	Light	Mid-Flood	M	4.1	9:04	8.72	8.83	31.67	19.8	2.85	4	-	-	-
C2	20190225	Cloudy	Light	Mid-Flood	M	4.1	9:04	8.64	8.77	31.9	20	2.92	5	-	-	-
C2	20190225	Cloudy	Light	Mid-Flood	S	1	9:05	8.85	8.87	32.04	20.1	3.24	6	-	-	-
C2	20190225	Cloudy	Light	Mid-Flood	S	1	9:05	8.62	8.77	31.08	20.2	3.19	6	-	-	-
F1	20190225	Cloudy	Light	Mid-Flood	B	7.1	9:28	8.77	8.72	31.31	19.9	3.92	5	-	-	-
F1	20190225	Cloudy	Light	Mid-Flood	B	7.1	9:28	8.85	8.81	33.33	20.2	3.98	6	-	-	-
F1	20190225	Cloudy	Light	Mid-Flood	M	4.1	9:29	8.82	8.63	30.16	20.2	2.78	8	-	-	-
F1	20190225	Cloudy	Light	Mid-Flood	M	4.1	9:29	8.84	8.77	30.55	20.1	2.8	7	-	-	-
F1	20190225	Cloudy	Light	Mid-Flood	S	1	9:30	8.6	8.83	33	20.1	3.2	8	-	-	-
F1	20190225	Cloudy	Light	Mid-Flood	S	1	9:30	8.63	8.76	33.24	20	3.24	9	-	-	-
H1	20190225	Cloudy	Light	Mid-Flood	B	6.6	10:59	8.68	8.76	31.13	20.1	3.74	2	-	-	-
H1	20190225	Cloudy	Light	Mid-Flood	B	6.6	10:59	8.71	8.63	31.13	20.2	3.83	4	-	-	-
H1	20190225	Cloudy	Light	Mid-Flood	M	3.8	11:00	8.74	8.84	31.2	20	2.79	6	-	-	-
H1	20190225	Cloudy	Light	Mid-Flood	M	3.8	11:00	8.94	8.73	30.1	20	2.73	5	-	-	-
H1	20190225	Cloudy	Light	Mid-Flood	S	1	11:01	8.83	8.75	33.02	19.8	3.35	6	-	-	-
H1	20190225	Cloudy	Light	Mid-Flood	S	1	11:01	8.58	8.86	33.61	19.9	3.32	6	-	-	-
M1	20190225	Cloudy	Light	Mid-Flood	B	8.2	10:00	8.65	8.64	33.06	20.2	3.59	5	-	-	-
M1	20190225	Cloudy	Light	Mid-Flood	B	8.2	10:00	8.6	8.68	31.56	19.8	3.58	5	-	-	-
M1	20190225	Cloudy	Light	Mid-Flood	M	4.6	10:01	8.89	8.67	32.25	20	2.63	3	-	-	-
M1	20190225	Cloudy	Light	Mid-Flood	M	4.6	10:01	8.77	8.66	31.39	20	2.62	3	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
M1	20190225	Cloudy	Light	Mid-Flood	S	1	10:02	8.65	8.86	30.4	20.2	3.37	4	-	-	-
M1	20190225	Cloudy	Light	Mid-Flood	S	1	10:02	8.56	8.87	32.95	20.1	3.37	4	-	-	-
CR1	20190225	Cloudy	Light	Mid-Flood	B	11.1	9:18	8.55	8.85	31.02	19.8	3.85	5	-	-	-
CR1	20190225	Cloudy	Light	Mid-Flood	B	11.1	9:18	8.73	8.74	32.98	19.8	3.93	4	-	-	-
CR1	20190225	Cloudy	Light	Mid-Flood	M	6.1	9:19	8.66	8.79	31.47	20	2.59	6	-	-	-
CR1	20190225	Cloudy	Light	Mid-Flood	M	6.1	9:19	8.88	8.74	30.69	20.2	2.51	5	-	-	-
CR1	20190225	Cloudy	Light	Mid-Flood	S	1	9:20	8.87	8.67	33.24	20.1	3.22	4	-	-	-
CR1	20190225	Cloudy	Light	Mid-Flood	S	1	9:20	8.72	8.63	31.77	19.9	3.13	4	-	-	-
CR2	20190225	Cloudy	Light	Mid-Flood	B	10.6	9:30	8.75	8.63	32.18	19.9	3.88	6	-	-	-
CR2	20190225	Cloudy	Light	Mid-Flood	B	10.6	9:30	8.75	8.66	31.1	19.8	3.86	6	-	-	-
CR2	20190225	Cloudy	Light	Mid-Flood	M	5.8	9:31	8.72	8.65	31.66	20.1	2.87	5	-	-	-
CR2	20190225	Cloudy	Light	Mid-Flood	M	5.8	9:31	8.95	8.69	33.81	19.9	2.79	6	-	-	-
CR2	20190225	Cloudy	Light	Mid-Flood	S	1	9:32	8.7	8.67	32.04	20.1	3.3	6	-	-	-
CR2	20190225	Cloudy	Light	Mid-Flood	S	1	9:32	8.93	8.62	33.86	19.9	3.3	6	-	-	-
B1	20190225	Cloudy	Light	Mid-Ebb	B	5.1	15:18	8.56	8.69	31.58	19.8	3.9	5	-	-	-
B1	20190225	Cloudy	Light	Mid-Ebb	B	5.1	15:18	8.63	8.86	30.52	19.9	3.85	5	-	-	-
B1	20190225	Cloudy	Light	Mid-Ebb	S	1	15:19	8.84	8.78	32.43	20.1	3.21	7	-	-	-
B1	20190225	Cloudy	Light	Mid-Ebb	S	1	15:19	8.7	8.71	31.16	20.2	3.27	7	-	-	-
B2	20190225	Cloudy	Light	Mid-Ebb	B	4.8	15:30	8.95	8.71	33.64	20	3.72	5	-	-	-
B2	20190225	Cloudy	Light	Mid-Ebb	B	4.8	15:30	8.59	8.63	31.55	19.9	3.7	6	-	-	-
B2	20190225	Cloudy	Light	Mid-Ebb	S	1	15:31	8.82	8.75	30.57	20	3.07	6	-	-	-
B2	20190225	Cloudy	Light	Mid-Ebb	S	1	15:31	8.57	8.75	33.77	20.2	3.02	6	-	-	-
B3	20190225	Cloudy	Light	Mid-Ebb	B	3.9	16:12	8.64	8.75	33.61	20	3.87	6	-	-	-
B3	20190225	Cloudy	Light	Mid-Ebb	B	3.9	16:12	8.61	8.69	33.45	20.1	3.77	6	-	-	-
B3	20190225	Cloudy	Light	Mid-Ebb	S	1	16:13	8.91	8.7	32.4	20	3.13	7	-	-	-
B3	20190225	Cloudy	Light	Mid-Ebb	S	1	16:13	8.84	8.77	30.08	20	3.11	6	-	-	-
B4	20190225	Cloudy	Light	Mid-Ebb	B	5.1	16:26	8.84	8.63	31.97	20.1	3.96	5	-	-	-
B4	20190225	Cloudy	Light	Mid-Ebb	B	5.1	16:26	8.7	8.63	32.29	19.8	3.95	5	-	-	-
B4	20190225	Cloudy	Light	Mid-Ebb	S	1	16:27	8.69	8.69	30.19	20.1	3.23	6	-	-	-
B4	20190225	Cloudy	Light	Mid-Ebb	S	1	16:27	8.97	8.84	31.62	20.2	3.27	7	-	-	-
C1	20190225	Cloudy	Light	Mid-Ebb	B	9.8	14:56	8.58	8.64	32.39	19.9	3.82	8	-	-	-
C1	20190225	Cloudy	Light	Mid-Ebb	B	9.8	14:56	8.59	8.82	30.86	20.1	3.79	8	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C1	20190225	Cloudy	Light	Mid-Ebb	M	5.4	14:57	8.62	8.87	30.1	19.8	2.91	8	-	-	-
C1	20190225	Cloudy	Light	Mid-Ebb	M	5.4	14:57	8.91	8.73	33.82	20.2	2.99	8	-	-	-
C1	20190225	Cloudy	Light	Mid-Ebb	S	1	14:58	8.98	8.7	33.85	20.1	3.38	7	-	-	-
C1	20190225	Cloudy	Light	Mid-Ebb	S	1	14:58	8.57	8.73	32.28	20.1	3.42	7	-	-	-
C2	20190225	Cloudy	Light	Mid-Ebb	B	7.2	15:56	8.78	8.81	33.87	20.1	3.98	8	-	-	-
C2	20190225	Cloudy	Light	Mid-Ebb	B	7.2	15:56	8.95	8.69	32.67	20	4	8	-	-	-
C2	20190225	Cloudy	Light	Mid-Ebb	M	4.1	15:57	8.71	8.69	30.67	19.9	2.97	8	-	-	-
C2	20190225	Cloudy	Light	Mid-Ebb	M	4.1	15:57	8.67	8.72	32.63	20.2	2.88	8	-	-	-
C2	20190225	Cloudy	Light	Mid-Ebb	S	1	15:58	8.57	8.86	32.2	19.8	3.18	7	-	-	-
C2	20190225	Cloudy	Light	Mid-Ebb	S	1	15:58	8.89	8.78	30.27	20.2	3.22	6	-	-	-
F1	20190225	Cloudy	Light	Mid-Ebb	B	7	15:00	8.56	8.87	33.59	20.1	3.61	8	-	-	-
F1	20190225	Cloudy	Light	Mid-Ebb	B	7	15:00	8.92	8.79	32.1	19.8	3.61	9	-	-	-
F1	20190225	Cloudy	Light	Mid-Ebb	M	4	15:01	8.59	8.68	32.33	19.9	2.73	6	-	-	-
F1	20190225	Cloudy	Light	Mid-Ebb	M	4	15:01	8.91	8.64	33.01	20.2	2.7	7	-	-	-
F1	20190225	Cloudy	Light	Mid-Ebb	S	1	15:02	8.86	8.63	33.03	20.2	3.3	6	-	-	-
F1	20190225	Cloudy	Light	Mid-Ebb	S	1	15:02	8.74	8.81	31.93	20.1	3.29	6	-	-	-
H1	20190225	Cloudy	Light	Mid-Ebb	B	7.2	15:50	8.59	8.86	33.84	20.2	3.69	6	-	-	-
H1	20190225	Cloudy	Light	Mid-Ebb	B	7.2	15:50	8.92	8.72	31.94	20	3.66	6	-	-	-
H1	20190225	Cloudy	Light	Mid-Ebb	M	4.1	15:51	8.88	8.65	33.79	20.2	2.6	4	-	-	-
H1	20190225	Cloudy	Light	Mid-Ebb	M	4.1	15:51	8.57	8.76	31.8	20	2.61	4	-	-	-
H1	20190225	Cloudy	Light	Mid-Ebb	S	1	15:52	8.73	8.85	33.23	19.8	3.18	3	-	-	-
H1	20190225	Cloudy	Light	Mid-Ebb	S	1	15:52	8.92	8.62	32.52	19.8	3.21	3	-	-	-
M1	20190225	Cloudy	Light	Mid-Ebb	B	8.1	15:30	8.62	8.66	31.25	20.2	3.96	6	-	-	-
M1	20190225	Cloudy	Light	Mid-Ebb	B	8.1	15:30	8.75	8.76	32.55	19.8	3.99	7	-	-	-
M1	20190225	Cloudy	Light	Mid-Ebb	M	4.6	15:31	8.59	8.83	32.82	20	2.88	6	-	-	-
M1	20190225	Cloudy	Light	Mid-Ebb	M	4.6	15:31	8.88	8.86	33.6	20.2	2.95	7	-	-	-
M1	20190225	Cloudy	Light	Mid-Ebb	S	1	15:32	8.55	8.74	33.71	20.1	3.32	8	-	-	-
M1	20190225	Cloudy	Light	Mid-Ebb	S	1	15:32	8.94	8.64	30.25	20.1	3.29	8	-	-	-
CR1	20190225	Cloudy	Light	Mid-Ebb	B	11.8	16:14	8.75	8.74	31.04	19.8	3.56	8	-	-	-
CR1	20190225	Cloudy	Light	Mid-Ebb	B	11.8	16:14	8.56	8.85	32.13	20.1	3.61	7	-	-	-
CR1	20190225	Cloudy	Light	Mid-Ebb	M	6.4	16:15	8.58	8.81	31.48	19.9	2.79	8	-	-	-
CR1	20190225	Cloudy	Light	Mid-Ebb	M	6.4	16:15	8.6	8.65	32.02	19.8	2.82	8	-	-	-



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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR1	20190225	Cloudy	Light	Mid-Ebb	S	1	16:16	8.65	8.84	32.37	20.1	3.39	7	-	-	-
CR1	20190225	Cloudy	Light	Mid-Ebb	S	1	16:16	8.56	8.82	33.01	19.8	3.34	7	-	-	-
CR2	20190225	Cloudy	Light	Mid-Ebb	B	10.2	16:00	8.89	8.76	32.33	20.2	3.74	7	-	-	-
CR2	20190225	Cloudy	Light	Mid-Ebb	B	10.2	16:00	8.88	8.65	30.2	19.8	3.66	7	-	-	-
CR2	20190225	Cloudy	Light	Mid-Ebb	M	5.6	16:01	8.78	8.87	30.16	20.1	2.98	10	-	-	-
CR2	20190225	Cloudy	Light	Mid-Ebb	M	5.6	16:01	8.87	8.83	31.79	19.9	3.08	12	-	-	-
CR2	20190225	Cloudy	Light	Mid-Ebb	S	1	16:02	8.83	8.65	33.05	19.8	3.49	10	-	-	-
CR2	20190225	Cloudy	Light	Mid-Ebb	S	1	16:02	8.72	8.76	30.09	19.8	3.57	10	-	-	-
B1	20190227	Sunny	Light	Mid-Flood	B	4.4	12:58	9.48	9.17	32.68	21.2	3.8	<2	-	-	-
B1	20190227	Sunny	Light	Mid-Flood	B	4.4	12:58	9.02	9.14	31.54	21	3.73	<2	-	-	-
B1	20190227	Sunny	Light	Mid-Flood	S	1	12:59	9.01	9.1	29.36	21.4	3.01	<2	-	-	-
B1	20190227	Sunny	Light	Mid-Flood	S	1	12:59	9.01	9.08	31.58	21.5	3.08	<2	-	-	-
B2	20190227	Sunny	Light	Mid-Flood	B	4.8	13:13	9.61	9.05	32.28	21.3	3.59	<2	-	-	-
B2	20190227	Sunny	Light	Mid-Flood	B	4.8	13:13	9.51	9.14	30.2	21.1	3.67	<2	-	-	-
B2	20190227	Sunny	Light	Mid-Flood	S	1	13:14	9.18	8.96	30.27	21.4	3.5	<2	-	-	-
B2	20190227	Sunny	Light	Mid-Flood	S	1	13:14	9.18	8.98	31.51	21.3	3.57	<2	-	-	-
B3	20190227	Sunny	Light	Mid-Flood	B	4.8	12:47	9.3	9.04	29.94	21	3.89	<2	-	-	-
B3	20190227	Sunny	Light	Mid-Flood	B	4.8	12:47	9.57	9.12	32.19	21	3.84	<2	-	-	-
B3	20190227	Sunny	Light	Mid-Flood	S	1	12:48	9.66	8.95	29.37	21.3	3.23	<2	-	-	-
B3	20190227	Sunny	Light	Mid-Flood	S	1	12:48	9.09	9.15	32.71	21	3.18	<2	-	-	-
B4	20190227	Sunny	Light	Mid-Flood	B	5.3	12:57	9.44	8.98	32.09	21.3	3.69	<2	-	-	-
B4	20190227	Sunny	Light	Mid-Flood	B	5.3	12:57	9.48	9.05	29.88	21.1	3.65	<2	-	-	-
B4	20190227	Sunny	Light	Mid-Flood	S	1	12:58	9.67	8.98	30.09	21.2	3.08	<2	-	-	-
B4	20190227	Sunny	Light	Mid-Flood	S	1	12:58	9.59	8.97	31.58	21.4	3.01	<2	-	-	-
C1	20190227	Sunny	Light	Mid-Flood	B	9	12:31	9.6	8.93	30.96	21.5	3.6	<2	-	-	-
C1	20190227	Sunny	Light	Mid-Flood	B	9	12:31	9.61	9.02	31.14	21.3	3.63	<2	-	-	-
C1	20190227	Sunny	Light	Mid-Flood	M	5	12:32	9.52	9.13	30.81	21	2.79	<2	-	-	-
C1	20190227	Sunny	Light	Mid-Flood	M	5	12:32	9.63	9.17	32.51	21.3	2.72	<2	-	-	-
C1	20190227	Sunny	Light	Mid-Flood	S	1	12:33	9.4	8.92	29.43	21.1	3.21	<2	-	-	-
C1	20190227	Sunny	Light	Mid-Flood	S	1	12:33	8.99	9.11	29.46	21.2	3.26	<2	-	-	-
C2	20190227	Sunny	Light	Mid-Flood	B	7.5	11:11	9.02	8.96	29.86	21	4	<2	-	-	-
C2	20190227	Sunny	Light	Mid-Flood	B	7.5	11:11	8.95	8.96	29.49	21	4.09	<2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>Note 3</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C2	20190227	Sunny	Light	Mid-Flood	M	4.25	11:12	9.54	9.11	32.19	21.4	2.73	<2	-	-	-
C2	20190227	Sunny	Light	Mid-Flood	M	4.25	11:12	9.46	9.06	31.18	21.2	2.73	<2	-	-	-
C2	20190227	Sunny	Light	Mid-Flood	S	1	11:13	9.48	9.02	29.87	21.4	3.44	<2	-	-	-
C2	20190227	Sunny	Light	Mid-Flood	S	1	11:13	9.02	8.94	30.87	21	3.51	<2	-	-	-
F1	20190227	Sunny	Light	Mid-Flood	B	7.1	11:41	9.06	9.13	31.5	21.3	3.63	<2	-	-	-
F1	20190227	Sunny	Light	Mid-Flood	B	7.1	11:41	9.56	9.15	30.7	21	3.66	<2	-	-	-
F1	20190227	Sunny	Light	Mid-Flood	M	4.05	11:42	9.41	9	32.8	21.4	2.7	<2	-	-	-
F1	20190227	Sunny	Light	Mid-Flood	M	4.05	11:42	9.21	8.94	31.11	21.4	2.76	<2	-	-	-
F1	20190227	Sunny	Light	Mid-Flood	S	1	11:43	9.38	8.98	33.06	21.2	3.12	<2	-	-	-
F1	20190227	Sunny	Light	Mid-Flood	S	1	11:43	9.17	9.11	33.1	21.3	3.04	<2	-	-	-
H1	20190227	Sunny	Light	Mid-Flood	B	6.9	13:10	8.97	9.05	31	21.1	3.61	<2	-	-	-
H1	20190227	Sunny	Light	Mid-Flood	B	6.9	13:10	9.13	9.17	29.42	21.2	3.57	<2	-	-	-
H1	20190227	Sunny	Light	Mid-Flood	M	3.95	13:11	9.15	9.03	31.67	21.5	2.53	<2	-	-	-
H1	20190227	Sunny	Light	Mid-Flood	M	3.95	13:11	9.64	9.04	30.66	21.3	2.56	<2	-	-	-
H1	20190227	Sunny	Light	Mid-Flood	S	1	13:12	9.27	8.93	29.64	21	3.03	<2	-	-	-
H1	20190227	Sunny	Light	Mid-Flood	S	1	13:12	9.51	8.94	29.71	21.2	2.96	<2	-	-	-
M1	20190227	Sunny	Light	Mid-Flood	B	8.8	12:11	9.52	9.05	29.69	21	3.96	<2	-	-	-
M1	20190227	Sunny	Light	Mid-Flood	B	8.8	12:11	9.64	9.06	30.4	21.1	4.04	<2	-	-	-
M1	20190227	Sunny	Light	Mid-Flood	M	4.9	12:12	9.62	9.12	29.42	21.1	2.71	<2	-	-	-
M1	20190227	Sunny	Light	Mid-Flood	M	4.9	12:12	9.37	9.04	30.99	21.5	2.64	<2	-	-	-
M1	20190227	Sunny	Light	Mid-Flood	S	1	12:13	9.02	9.05	29.67	21	3.47	<2	-	-	-
M1	20190227	Sunny	Light	Mid-Flood	S	1	12:13	9.11	9.12	31.04	21.5	3.54	<2	-	-	-
CR1	20190227	Sunny	Light	Mid-Flood	B	11.1	11:48	9.1	9.08	30.46	21.4	3.5	<2	-	-	-
CR1	20190227	Sunny	Light	Mid-Flood	B	11.1	11:48	9.05	9	31.08	21.2	3.51	<2	-	-	-
CR1	20190227	Sunny	Light	Mid-Flood	M	6.05	11:49	9.44	9.11	31.04	21.5	2.73	<2	-	-	-
CR1	20190227	Sunny	Light	Mid-Flood	M	6.05	11:49	9.42	9.08	32.77	21.5	2.83	<2	-	-	-
CR1	20190227	Sunny	Light	Mid-Flood	S	1	11:50	9.56	9.1	29.06	21	3.14	<2	-	-	-
CR1	20190227	Sunny	Light	Mid-Flood	S	1	11:50	9.19	9.08	31.64	21.1	3.17	<2	-	-	-
CR2	20190227	Sunny	Light	Mid-Flood	B	10.7	12:02	9.1	9.16	29.38	21.3	3.67	<2	-	-	-
CR2	20190227	Sunny	Light	Mid-Flood	B	10.7	12:02	9.06	9.11	29.71	21.5	3.77	<2	-	-	-
CR2	20190227	Sunny	Light	Mid-Flood	M	5.85	12:03	9.13	9.08	29.88	21.5	2.76	2	-	-	-
CR2	20190227	Sunny	Light	Mid-Flood	M	5.85	12:03	9.4	9.12	29.62	21.2	2.81	3	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <sup>note 1</sup>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <sup>Note 3</sup>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
CR2	20190227	Sunny	Light	Mid-Flood	S	1	12:04	9.26	8.96	31.76	21	3.35	3	-	-	-
CR2	20190227	Sunny	Light	Mid-Flood	S	1	12:04	9.24	8.96	29.17	21.2	3.4	2	-	-	-
B1	20190227	Sunny	Light	Mid-Ebb	B	5	15:57	9.41	9.02	32.74	21.2	3.94	<2	-	-	-
B1	20190227	Sunny	Light	Mid-Ebb	B	5	15:57	9.4	9.12	29.99	21	3.86	<2	-	-	-
B1	20190227	Sunny	Light	Mid-Ebb	S	1	15:58	9.4	8.98	30.7	21.3	3.27	2	-	-	-
B1	20190227	Sunny	Light	Mid-Ebb	S	1	15:58	9.05	9.11	29.87	21.1	3.25	3	-	-	-
B2	20190227	Sunny	Light	Mid-Ebb	B	4.2	16:10	9.35	9.13	33.07	21.4	3.89	<2	-	-	-
B2	20190227	Sunny	Light	Mid-Ebb	B	4.2	16:10	9.1	8.94	29.22	21.4	3.9	<2	-	-	-
B2	20190227	Sunny	Light	Mid-Ebb	S	1	16:11	9.24	9.03	29.39	21.3	3.33	2	-	-	-
B2	20190227	Sunny	Light	Mid-Ebb	S	1	16:11	9.43	9.02	29.11	21.5	3.34	2	-	-	-
B3	20190227	Sunny	Light	Mid-Ebb	B	4.5	16:03	9.13	9.02	31.08	21.4	3.67	<2	-	-	-
B3	20190227	Sunny	Light	Mid-Ebb	B	4.5	16:03	9.66	9.01	31.04	21.1	3.57	<2	-	-	-
B3	20190227	Sunny	Light	Mid-Ebb	S	1	16:04	9.67	9.01	32.49	21.3	3.2	<2	-	-	-
B3	20190227	Sunny	Light	Mid-Ebb	S	1	16:04	9.48	9.01	31.18	21.1	3.19	<2	-	-	-
B4	20190227	Sunny	Light	Mid-Ebb	B	4.3	16:15	9.09	9.16	31.58	21.3	3.68	<2	-	-	-
B4	20190227	Sunny	Light	Mid-Ebb	B	4.3	16:15	9.08	9.02	30.24	21.4	3.7	<2	-	-	-
B4	20190227	Sunny	Light	Mid-Ebb	S	1	16:16	8.95	9.03	30.36	21	3.33	4	-	-	-
B4	20190227	Sunny	Light	Mid-Ebb	S	1	16:16	9.29	9.07	30.81	21	3.39	4	-	-	-
C1	20190227	Sunny	Light	Mid-Ebb	B	8.3	15:35	9.58	9.13	30.96	21.2	3.85	<2	-	-	-
C1	20190227	Sunny	Light	Mid-Ebb	B	8.3	15:35	9.53	9.16	29.76	21.2	3.88	<2	-	-	-
C1	20190227	Sunny	Light	Mid-Ebb	M	4.65	15:36	9.13	9.14	29.5	21	2.65	<2	-	-	-
C1	20190227	Sunny	Light	Mid-Ebb	M	4.65	15:36	9.34	9.14	31.67	21	2.68	<2	-	-	-
C1	20190227	Sunny	Light	Mid-Ebb	S	1	15:37	9.17	9.17	31.49	21.2	3.46	<2	-	-	-
C1	20190227	Sunny	Light	Mid-Ebb	S	1	15:37	9.46	9.08	29.69	21.2	3.41	<2	-	-	-
C2	20190227	Sunny	Light	Mid-Ebb	B	7	16:25	9.47	9.17	29.67	21.2	3.56	<2	-	-	-
C2	20190227	Sunny	Light	Mid-Ebb	B	7	16:25	9.35	8.95	30.09	21.5	3.57	<2	-	-	-
C2	20190227	Sunny	Light	Mid-Ebb	M	4	16:26	8.95	9.11	30.06	21.1	2.56	<2	-	-	-
C2	20190227	Sunny	Light	Mid-Ebb	M	4	16:26	9.67	9.07	29.85	21.5	2.47	<2	-	-	-
C2	20190227	Sunny	Light	Mid-Ebb	S	1	16:27	9.41	8.96	31.16	21.3	3.09	<2	-	-	-
C2	20190227	Sunny	Light	Mid-Ebb	S	1	16:27	9.45	8.99	33.02	21.3	3.09	<2	-	-	-
F1	20190227	Sunny	Light	Mid-Ebb	B	6.2	16:47	9.31	9.09	31.13	21.3	3.63	2	-	-	-
F1	20190227	Sunny	Light	Mid-Ebb	B	6.2	16:47	9.67	9.08	32.29	21.3	3.71	2	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level <sup>note 1</sup>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <sup>Note 3</sup>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
F1	20190227	Sunny	Light	Mid-Ebb	M	3.6	16:48	9.46	9.13	31.6	21	2.96	2	-	-	-
F1	20190227	Sunny	Light	Mid-Ebb	M	3.6	16:48	9.47	8.97	32.01	21.5	3.04	2	-	-	-
F1	20190227	Sunny	Light	Mid-Ebb	S	1	16:49	9.18	8.94	31.22	21	3.46	2	-	-	-
F1	20190227	Sunny	Light	Mid-Ebb	S	1	16:49	9.13	9.11	32.13	21.3	3.36	2	-	-	-
H1	20190227	Sunny	Light	Mid-Ebb	B	6.8	15:48	9.34	9.09	32.12	21	3.71	<2	-	-	-
H1	20190227	Sunny	Light	Mid-Ebb	B	6.8	15:48	9.39	8.97	32.98	21.4	3.8	<2	-	-	-
H1	20190227	Sunny	Light	Mid-Ebb	M	3.9	15:49	9.1	9.15	29.48	21.5	2.56	<2	-	-	-
H1	20190227	Sunny	Light	Mid-Ebb	M	3.9	15:49	9.39	9.17	31.04	21.5	2.51	<2	-	-	-
H1	20190227	Sunny	Light	Mid-Ebb	S	1	15:50	9.38	8.93	31.94	21.4	3.35	<2	-	-	-
H1	20190227	Sunny	Light	Mid-Ebb	S	1	15:50	9.5	8.98	30.37	21.1	3.37	<2	-	-	-
M1	20190227	Sunny	Light	Mid-Ebb	B	8.9	17:19	9.67	9.1	32.21	21.5	3.9	5	-	-	-
M1	20190227	Sunny	Light	Mid-Ebb	B	8.9	17:19	9	8.99	29.53	21.5	3.96	4	-	-	-
M1	20190227	Sunny	Light	Mid-Ebb	M	4.95	17:20	9.21	8.95	31.76	21.5	2.75	4	-	-	-
M1	20190227	Sunny	Light	Mid-Ebb	M	4.95	17:20	9.28	9.08	32.25	21.3	2.8	4	-	-	-
M1	20190227	Sunny	Light	Mid-Ebb	S	1	17:21	9.39	9.13	31.67	21.4	3.48	<2	-	-	-
M1	20190227	Sunny	Light	Mid-Ebb	S	1	17:21	9.5	9.07	30.81	21.2	3.56	<2	-	-	-
CR1	20190227	Sunny	Light	Mid-Ebb	B	11.8	16:47	9.45	9.17	31.88	21.4	3.51	<2	-	-	-
CR1	20190227	Sunny	Light	Mid-Ebb	B	11.8	16:47	9.21	8.92	32.7	21.3	3.43	<2	-	-	-
CR1	20190227	Sunny	Light	Mid-Ebb	M	6.4	16:48	9.13	9.01	31.41	21.1	2.8	<2	-	-	-
CR1	20190227	Sunny	Light	Mid-Ebb	M	6.4	16:48	9.36	9.05	29.86	21.5	2.71	<2	-	-	-
CR1	20190227	Sunny	Light	Mid-Ebb	S	1	16:49	9.49	9.13	30.77	21.2	3.27	<2	-	-	-
CR1	20190227	Sunny	Light	Mid-Ebb	S	1	16:49	9.35	9.13	29.79	21.3	3.21	<2	-	-	-
CR2	20190227	Sunny	Light	Mid-Ebb	B	9.6	17:02	9.45	9.1	31.04	21	3.76	<2	-	-	-
CR2	20190227	Sunny	Light	Mid-Ebb	B	9.6	17:02	9.54	9.05	29.36	21.3	3.85	<2	-	-	-
CR2	20190227	Sunny	Light	Mid-Ebb	M	5.3	17:03	8.99	8.96	30.37	21.3	2.9	<2	-	-	-
CR2	20190227	Sunny	Light	Mid-Ebb	M	5.3	17:03	9.38	9.17	30.26	21	2.94	<2	-	-	-
CR2	20190227	Sunny	Light	Mid-Ebb	S	1	17:04	9.56	8.92	32.32	21	3.21	<2	-	-	-
CR2	20190227	Sunny	Light	Mid-Ebb	S	1	17:04	9.64	8.98	29.43	21.3	3.2	<2	-	-	-

Remarks:

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

note 2: Cancelled due to container leakage.

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

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

Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC1	20190211	Sunny	Calm	Mid-Flood	B	8.6	10:09	10.25	8.18	31	21.2	3.02	<2	112	0.35	NW
UC1	20190211	Sunny	Calm	Mid-Flood	B	8.6	10:09	10.36	8.39	30.16	21.2	3.08	3	113	0.37	NW
UC1	20190211	Sunny	Calm	Mid-Flood	M	4.8	10:10	10.43	8.5	30.57	21.3	3.08	2	113	0.28	NW
UC1	20190211	Sunny	Calm	Mid-Flood	M	4.8	10:10	10.56	8.36	30.35	21.4	2.98	2	113	0.3	NW
UC1	20190211	Sunny	Calm	Mid-Flood	S	1	10:11	10.75	8.19	30.39	21.2	2.96	2	112	0.21	NW
UC1	20190211	Sunny	Calm	Mid-Flood	S	1	10:12	10.59	8.12	30.64	21.2	3.03	2	112	0.22	NW
UC2	20190211	Sunny	Calm	Mid-Flood	B	9.8	10:25	10.49	8.39	30.47	21.2	3.28	<2	113	0.39	NW
UC2	20190211	Sunny	Calm	Mid-Flood	B	9.8	10:26	10.42	8.11	30.39	21.3	3.38	Note 3	112	0.4	NW
UC2	20190211	Sunny	Calm	Mid-Flood	M	5.4	10:26	10.43	8.27	30.45	21.2	3.39	2	112	0.3	NW
UC2	20190211	Sunny	Calm	Mid-Flood	M	5.4	10:27	10.55	8.31	30.62	21.4	3.45	3	113	0.29	NW
UC2	20190211	Sunny	Calm	Mid-Flood	S	1	10:28	10.49	8.3	30.35	21.3	3.36	2	112	0.19	NW
UC2	20190211	Sunny	Calm	Mid-Flood	S	1	10:28	10.32	8.01	30.69	21.2	3.28	3	113	0.18	NW
I1	20190211	Sunny	Calm	Mid-Flood	B	10.4	10:44	10.41	8.5	30.7	21.3	3.3	2	114	0.38	NW
I1	20190211	Sunny	Calm	Mid-Flood	B	10.4	10:45	10.44	8.12	30.52	21.4	3.3	3	113	0.4	NW
I1	20190211	Sunny	Calm	Mid-Flood	M	5.7	10:45	10.44	8.49	30.88	21.4	3.35	2	114	0.31	NW
I1	20190211	Sunny	Calm	Mid-Flood	M	5.7	10:46	10.46	8.21	30.74	21.3	3.4	3	114	0.32	NW
I1	20190211	Sunny	Calm	Mid-Flood	S	1	10:46	10.48	8.13	30.76	21.4	3.3	3	113	0.21	NW
I1	20190211	Sunny	Calm	Mid-Flood	S	1	10:47	10.51	8.12	30.55	21.4	3.32	3	113	0.22	NW
I2	20190211	Sunny	Calm	Mid-Flood	B	10.2	10:52	10.22	8.13	30.65	21.4	3.09	3	111	0.36	NW
I2	20190211	Sunny	Calm	Mid-Flood	B	10.2	10:52	10.28	8.03	30.5	21.2	3.08	<2	112	0.36	NW
I2	20190211	Sunny	Calm	Mid-Flood	M	5.6	10:53	10.32	8.38	30.95	21.4	3.15	<2	113	0.33	NW
I2	20190211	Sunny	Calm	Mid-Flood	M	5.6	10:53	10.38	8.29	30.74	21.4	3.18	<2	112	0.33	NW
I2	20190211	Sunny	Calm	Mid-Flood	S	1	10:54	10.43	8.24	30.79	21.2	3.1	2	113	0.25	NW
I2	20190211	Sunny	Calm	Mid-Flood	S	1	10:55	10.59	8.15	30.53	21.3	3.01	4	113	0.26	NW
I3	20190211	Sunny	Calm	Mid-Flood	B	10.2	11:00	10.1	8.06	30.58	21.4	3.1	3	112	0.44	NW
I3	20190211	Sunny	Calm	Mid-Flood	B	10.2	11:01	10.11	8.39	30.91	21.3	3.08	2	112	0.45	NW
I3	20190211	Sunny	Calm	Mid-Flood	M	5.6	11:02	10.24	8.35	30.98	21.2	3.14	<2	112	0.35	NW
I3	20190211	Sunny	Calm	Mid-Flood	M	5.6	11:02	10.18	8.33	30.26	21.4	3.21	<2	112	0.33	NW
I3	20190211	Sunny	Calm	Mid-Flood	S	1	11:03	10.07	8.15	30.92	21.2	3.23	<2	113	0.15	NW
I3	20190211	Sunny	Calm	Mid-Flood	S	1	11:03	9.9	8.11	30.95	21.4	3.18	2	112	0.14	NW
I4	20190211	Sunny	Calm	Mid-Flood	B	10.7	11:11	10.56	8.45	30.98	21.3	3	2	113	0.43	NW
I4	20190211	Sunny	Calm	Mid-Flood	B	10.7	11:12	10.52	8.45	30.69	21.4	3.01	<2	112	0.43	NW

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

Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I4	20190211	Sunny	Calm	Mid-Flood	M	5.9	11:12	10.34	8.02	30.36	21.3	3.08	<2	112	0.31	NW
I4	20190211	Sunny	Calm	Mid-Flood	M	5.9	11:13	10.4	8.09	30.3	21.3	3.02	3	112	0.33	NW
I4	20190211	Sunny	Calm	Mid-Flood	S	1	11:13	10.21	8.18	30.27	21.2	2.95	2	112	0.15	NW
I4	20190211	Sunny	Calm	Mid-Flood	S	1	11:14	10.11	8.41	30.41	21.4	2.87	2	113	0.17	NW
I5	20190211	Sunny	Calm	Mid-Flood	B	11.3	11:19	10.76	8.15	30.53	21.2	3.25	2	112	0.45	NW
I5	20190211	Sunny	Calm	Mid-Flood	B	11.3	11:19	10.88	8.05	30.88	21.3	3.21	<2	111	0.46	NW
I5	20190211	Sunny	Calm	Mid-Flood	M	6.2	11:20	11.05	8.12	30.89	21.4	3.18	<2	112	0.25	NW
I5	20190211	Sunny	Calm	Mid-Flood	M	6.2	11:21	11.18	8.5	30.48	21.4	3.24	<2	113	0.26	NW
I5	20190211	Sunny	Calm	Mid-Flood	S	1	11:21	11.37	8.22	30.1	21.3	3.2	<2	112	0.19	NW
I5	20190211	Sunny	Calm	Mid-Flood	S	1	11:22	11.22	8.02	30.22	21.2	3.18	2	112	0.21	NW
I6	20190211	Sunny	Calm	Mid-Flood	B	8.7	11:29	10.48	8.07	30.14	21.3	3.13	2	112	0.45	NW
I6	20190211	Sunny	Calm	Mid-Flood	B	8.7	11:30	10.43	8.21	30.62	21.4	3.11	<2	112	0.43	NW
I6	20190211	Sunny	Calm	Mid-Flood	M	4.9	11:31	10.28	8.03	30.62	21.4	3.2	<2	112	0.29	NW
I6	20190211	Sunny	Calm	Mid-Flood	M	4.9	11:31	10.46	8.45	30.47	21.3	3.23	2	113	0.28	NW
I6	20190211	Sunny	Calm	Mid-Flood	S	1	11:32	10.29	8.02	30.1	21.3	3.22	<2	112	0.23	NW
I6	20190211	Sunny	Calm	Mid-Flood	S	1	11:32	10.12	8.33	30.34	21.2	3.15	2	112	0.24	NW
I7	20190211	Sunny	Calm	Mid-Flood	B	9.2	11:39	10.22	8.24	30.74	21.4	3.09	2	112	0.36	NW
I7	20190211	Sunny	Calm	Mid-Flood	B	9.2	11:40	10.36	8.37	30.9	21.2	3.15	<2	112	0.34	NW
I7	20190211	Sunny	Calm	Mid-Flood	M	5.1	11:40	10.42	8.02	30.43	21.2	3.16	3	111	0.33	NW
I7	20190211	Sunny	Calm	Mid-Flood	M	5.1	11:41	10.48	8.14	30.62	21.2	3.16	3	113	0.35	NW
I7	20190211	Sunny	Calm	Mid-Flood	S	1	11:42	10.32	8.42	30.82	21.2	3.24	<2	112	0.18	NW
I7	20190211	Sunny	Calm	Mid-Flood	S	1	11:42	10.47	8.07	30.94	21.2	3.31	<2	113	0.16	NW
I8	20190211	Sunny	Calm	Mid-Flood	B	11	11:48	10.69	8.2	30.37	21.4	3.06	<2	112	0.37	NW
I8	20190211	Sunny	Calm	Mid-Flood	B	11	11:48	10.56	8.01	30.26	21.2	3.01	2	112	0.36	NW
I8	20190211	Sunny	Calm	Mid-Flood	M	6	11:49	10.39	8.14	30.54	21.2	3.04	2	113	0.29	NW
I8	20190211	Sunny	Calm	Mid-Flood	M	6	11:50	10.51	8.41	30.81	21.3	3.11	<2	113	0.31	NW
I8	20190211	Sunny	Calm	Mid-Flood	S	1	11:50	10.46	8.26	30.72	21.3	3.15	2	112	0.15	NW
I8	20190211	Sunny	Calm	Mid-Flood	S	1	11:51	10.29	8.21	30.36	21.3	3.08	<2	112	0.16	NW
I9	20190211	Sunny	Calm	Mid-Flood	B	9.2	11:57	10.44	8.33	30.72	21.3	3.09	2	112	0.43	NW
I9	20190211	Sunny	Calm	Mid-Flood	B	9.2	11:57	10.39	8.49	30.55	21.4	3.01	<2	113	0.42	NW
I9	20190211	Sunny	Calm	Mid-Flood	M	5.1	11:58	10.43	8.27	30.7	21.2	3.06	<2	113	0.28	NW
I9	20190211	Sunny	Calm	Mid-Flood	M	5.1	11:58	10.62	8.43	30.87	21.4	3.03	2	113	0.26	NW

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

Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I9	20190211	Sunny	Calm	Mid-Flood	S	1	11:59	10.69	8.31	30.26	21.2	3.08	2	113	0.24	NW
I9	20190211	Sunny	Calm	Mid-Flood	S	1	12:00	10.88	8.08	30.48	21.4	2.99	3	113	0.24	NW
I10	20190211	Sunny	Calm	Mid-Flood	B	Note 4	-	-	-	-	-	-	-	-	-	-
I10	20190211	Sunny	Calm	Mid-Flood	B	Note 4	-	-	-	-	-	-	-	-	-	-
I10	20190211	Sunny	Calm	Mid-Flood	M	Note 4	-	-	-	-	-	-	-	-	-	-
I10	20190211	Sunny	Calm	Mid-Flood	M	Note 4	-	-	-	-	-	-	-	-	-	-
I10	20190211	Sunny	Calm	Mid-Flood	S	Note 4	-	-	-	-	-	-	-	-	-	-
I10	20190211	Sunny	Calm	Mid-Flood	S	Note 4	-	-	-	-	-	-	-	-	-	-
UC1	20190211	Cloudy	Light	Mid-Ebb	B	11.3	15:36	10.23	8.41	30.33	21.3	3.18	<2	113	0.41	SE
UC1	20190211	Cloudy	Light	Mid-Ebb	B	11.3	15:36	10.41	8.47	30.33	21.2	3.18	<2	113	0.39	SE
UC1	20190211	Cloudy	Light	Mid-Ebb	M	6.2	15:37	10.46	8.41	30.67	21.3	3.25	<2	113	0.35	SE
UC1	20190211	Cloudy	Light	Mid-Ebb	M	6.2	15:37	10.53	8.33	30.26	21.2	3.24	<2	113	0.37	SE
UC1	20190211	Cloudy	Light	Mid-Ebb	S	1	15:38	10.37	8.11	30.9	21.3	3.21	<2	113	0.16	SE
UC1	20190211	Cloudy	Light	Mid-Ebb	S	1	15:39	10.43	8.36	30.1	21.2	3.25	2	113	0.18	SE
UC2	20190211	Cloudy	Light	Mid-Ebb	B	11	15:51	10.64	8.48	30.98	21.3	3.05	<2	113	0.44	SE
UC2	20190211	Cloudy	Light	Mid-Ebb	B	11	15:52	10.47	8.33	30.89	21.4	3.08	2	113	0.45	SE
UC2	20190211	Cloudy	Light	Mid-Ebb	M	6	15:53	10.41	8.38	30.5	21.2	3.08	<2	113	0.3	SE
UC2	20190211	Cloudy	Light	Mid-Ebb	M	6	15:53	10.31	8.22	30.37	21.4	3.12	2	113	0.28	SE
UC2	20190211	Cloudy	Light	Mid-Ebb	S	1	15:54	10.41	8.4	30.17	21.4	3.19	3	113	0.22	SE
UC2	20190211	Cloudy	Light	Mid-Ebb	S	1	15:54	10.55	8.14	30.23	21.2	3.24	3	112	0.24	SE
I1	20190211	Cloudy	Light	Mid-Ebb	B	10.1	16:11	10.69	8.07	30.24	21.2	3.08	2	112	0.39	SE
I1	20190211	Cloudy	Light	Mid-Ebb	B	10.1	16:12	10.6	8.48	30.58	21.3	3.01	<2	114	0.4	SE
I1	20190211	Cloudy	Light	Mid-Ebb	M	5.6	16:12	10.69	8.17	30.98	21.2	2.98	2	114	0.34	SE
I1	20190211	Cloudy	Light	Mid-Ebb	M	5.6	16:13	10.85	8.3	30.29	21.4	2.89	2	114	0.33	SE
I1	20190211	Cloudy	Light	Mid-Ebb	S	1	16:13	11	8.23	30.15	21.3	2.93	<2	113	0.15	SE
I1	20190211	Cloudy	Light	Mid-Ebb	S	1	16:14	11.14	8.12	30.56	21.2	3.02	2	114	0.14	SE
I2	20190211	Cloudy	Light	Mid-Ebb	B	8.9	16:33	10.59	8.22	30.11	21.3	3.25	<2	115	0.45	SE
I2	20190211	Cloudy	Light	Mid-Ebb	B	8.9	16:33	10.49	8.15	30.24	21.2	3.22	3	113	0.45	SE
I2	20190211	Cloudy	Light	Mid-Ebb	M	5	16:34	10.54	8.12	30.11	21.2	3.32	<2	112	0.29	SE
I2	20190211	Cloudy	Light	Mid-Ebb	M	5	16:35	10.37	8.25	30.76	21.4	3.35	<2	114	0.29	SE
I2	20190211	Cloudy	Light	Mid-Ebb	S	1	16:35	10.46	8.4	30.71	21.3	3.36	3	114	0.23	SE
I2	20190211	Cloudy	Light	Mid-Ebb	S	1	16:36	10.42	8.16	30.1	21.2	3.33	4	114	0.21	SE

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 Initial Intensive DCM Water Quality Monitoring Data

Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I3	20190211	Cloudy	Light	Mid-Ebb	B	10.6	16:41	10.62	8.09	30.94	21.4	3.28	<2	113	0.43	SE
I3	20190211	Cloudy	Light	Mid-Ebb	B	10.6	16:42	10.44	8.42	30.39	21.4	3.24	<2	113	0.43	SE
I3	20190211	Cloudy	Light	Mid-Ebb	M	5.8	16:43	10.27	8.36	30.11	21.4	3.14	<2	112	0.33	SE
I3	20190211	Cloudy	Light	Mid-Ebb	M	5.8	16:43	10.16	8.12	30.93	21.4	3.16	<2	113	0.35	SE
I3	20190211	Cloudy	Light	Mid-Ebb	S	1	16:44	10.2	8.25	30.27	21.4	3.22	<2	114	0.19	SE
I3	20190211	Cloudy	Light	Mid-Ebb	S	1	16:44	10.32	8.5	30.53	21.4	3.15	<2	113	0.21	SE
I4	20190211	Cloudy	Light	Mid-Ebb	B	11.5	16:50	10.65	8.28	30.37	21.3	3	<2	113	0.45	SE
I4	20190211	Cloudy	Light	Mid-Ebb	B	11.5	16:51	10.61	8.41	30.83	21.3	3.04	<2	113	0.43	SE
I4	20190211	Cloudy	Light	Mid-Ebb	M	6.3	16:51	10.42	8.43	30.91	21.2	3.1	2	113	0.25	SE
I4	20190211	Cloudy	Light	Mid-Ebb	M	6.3	16:52	10.62	8.29	30.49	21.2	3.02	<2	114	0.23	SE
I4	20190211	Cloudy	Light	Mid-Ebb	S	1	16:53	10.63	8.5	30.31	21.3	3.07	<2	113	0.17	SE
I4	20190211	Cloudy	Light	Mid-Ebb	S	1	16:53	10.43	8.4	30.27	21.4	3.15	2	114	0.17	SE
I5	20190211	Cloudy	Light	Mid-Ebb	B	9.9	17:01	10.56	8.16	30.97	21.3	3.25	<2	111	0.37	SE
I5	20190211	Cloudy	Light	Mid-Ebb	B	9.9	17:01	10.5	8.19	30.41	21.2	3.23	<2	112	0.38	SE
I5	20190211	Cloudy	Light	Mid-Ebb	M	5.5	17:02	10.52	8.41	30.75	21.4	3.23	<2	113	0.27	SE
I5	20190211	Cloudy	Light	Mid-Ebb	M	5.5	17:03	10.58	8.37	30.52	21.4	3.28	<2	111	0.26	SE
I5	20190211	Cloudy	Light	Mid-Ebb	S	1	17:03	10.63	8.04	30.79	21.3	3.36	<2	113	0.19	SE
I5	20190211	Cloudy	Light	Mid-Ebb	S	1	17:04	10.51	8.4	30.31	21.3	3.28	<2	112	0.2	SE
I6	20190211	Cloudy	Light	Mid-Ebb	B	9.7	17:54	10.68	8.24	30.32	21.3	3.21	2	112	0.43	SE
I6	20190211	Cloudy	Light	Mid-Ebb	B	9.7	17:55	10.8	8.05	30.45	21.3	3.29	3	111	0.42	SE
I6	20190211	Cloudy	Light	Mid-Ebb	M	5.4	17:56	10.81	8.16	30.92	21.2	3.33	3	112	0.31	SE
I6	20190211	Cloudy	Light	Mid-Ebb	M	5.4	17:56	10.75	8	30.73	21.4	3.35	2	112	0.31	SE
I6	20190211	Cloudy	Light	Mid-Ebb	S	1	17:57	10.69	8.37	30.28	21.2	3.45	3	112	0.19	SE
I6	20190211	Cloudy	Light	Mid-Ebb	S	1	17:58	10.52	8.34	30.14	21.3	3.43	<2	111	0.18	SE
I7	20190211	Cloudy	Light	Mid-Ebb	B	8.6	17:42	10.2	8.1	30.34	21.4	3.01	4	114	0.36	SE
I7	20190211	Cloudy	Light	Mid-Ebb	B	8.6	17:43	10.01	8.1	30.15	21.3	3.03	3	112	0.37	SE
I7	20190211	Cloudy	Light	Mid-Ebb	M	4.8	17:43	10.07	8.1	30.66	21.4	3.02	<2	113	0.29	SE
I7	20190211	Cloudy	Light	Mid-Ebb	M	4.8	17:44	10.08	8.48	30.99	21.2	3.06	2	114	0.3	SE
I7	20190211	Cloudy	Light	Mid-Ebb	S	1	17:45	10.13	8.19	30.89	21.4	3.07	4	113	0.16	SE
I7	20190211	Cloudy	Light	Mid-Ebb	S	1	17:45	9.97	8.39	30.55	21.3	3.08	3	113	0.16	SE
I8	20190211	Cloudy	Light	Mid-Ebb	B	8.7	17:32	10.54	8.23	30.55	21.4	3.02	3	111	0.39	SE
I8	20190211	Cloudy	Light	Mid-Ebb	B	8.7	17:33	10.57	8.31	30.85	21.4	3.06	4	112	0.39	SE



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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I8	20190211	Cloudy	Light	Mid-Ebb	M	4.9	17:33	10.5	8.17	30.64	21.3	3.03	4	111	0.31	SE
I8	20190211	Cloudy	Light	Mid-Ebb	M	4.9	17:34	10.63	8.02	30.94	21.2	2.95	4	112	0.29	SE
I8	20190211	Cloudy	Light	Mid-Ebb	S	1	17:34	10.48	8.21	30.67	21.2	2.87	3	111	0.24	SE
I8	20190211	Cloudy	Light	Mid-Ebb	S	1	17:35	10.43	8.24	30.4	21.3	2.85	3	112	0.25	SE
I9	20190211	Cloudy	Light	Mid-Ebb	B	10.5	17:21	10.18	8.23	30.63	21.4	3.06	2	113	0.4	SE
I9	20190211	Cloudy	Light	Mid-Ebb	B	10.5	17:21	10.23	8.02	30.57	21.3	2.98	<2	114	0.39	SE
I9	20190211	Cloudy	Light	Mid-Ebb	M	5.8	17:22	10.19	8.08	30.64	21.3	2.9	2	113	0.35	SE
I9	20190211	Cloudy	Light	Mid-Ebb	M	5.8	17:22	10.07	8.23	30.63	21.4	2.93	2	114	0.36	SE
I9	20190211	Cloudy	Light	Mid-Ebb	S	1	17:23	9.94	8.43	30.38	21.3	2.86	3	112	0.2	SE
I9	20190211	Cloudy	Light	Mid-Ebb	S	1	17:24	9.85	8.26	30.75	21.2	2.79	3	113	0.2	SE
I10	20190211	Cloudy	Light	Mid-Ebb	B	11.1	17:11	10.5	8.05	30.29	21.4	3.25	<2	113	0.43	SE
I10	20190211	Cloudy	Light	Mid-Ebb	B	11.1	17:12	10.46	8.29	30.33	21.4	3.18	<2	112	0.42	SE
I10	20190211	Cloudy	Light	Mid-Ebb	M	6.1	17:13	10.62	8.27	30.99	21.3	3.22	<2	112	0.29	SE
I10	20190211	Cloudy	Light	Mid-Ebb	M	6.1	17:13	10.56	8.37	30.57	21.2	3.2	2	112	0.27	SE
I10	20190211	Cloudy	Light	Mid-Ebb	S	1	17:14	10.72	8.43	30.2	21.2	3.2	<2	112	0.24	SE
I10	20190211	Cloudy	Light	Mid-Ebb	S	1	17:14	10.6	8.22	30.9	21.4	3.13	<2	113	0.24	SE
UC1	20190212	Sunny	Calm	Mid-Flood	B	10	10:45	10.29	8.31	30.39	22.5	3.82	4	113	0.43	NW
UC1	20190212	Sunny	Calm	Mid-Flood	B	10	10:45	10.19	8.37	30.58	22.7	3.83	4	113	0.41	NW
UC1	20190212	Sunny	Calm	Mid-Flood	M	5.5	10:46	10.35	8.37	30.92	22.7	3.93	3	113	0.27	NW
UC1	20190212	Sunny	Calm	Mid-Flood	M	5.5	10:46	10.25	8.44	31.07	22.6	3.9	3	112	0.27	NW
UC1	20190212	Sunny	Calm	Mid-Flood	S	1	10:47	10.4	8.44	30.44	22.6	3.99	3	113	0.18	NW
UC1	20190212	Sunny	Calm	Mid-Flood	S	1	10:48	10.58	8.33	30.35	22.6	4.04	2	113	0.18	NW
UC2	20190212	Sunny	Calm	Mid-Flood	B	12.3	10:52	10.36	8.23	31.1	22.5	3.81	3	114	0.37	NW
UC2	20190212	Sunny	Calm	Mid-Flood	B	12.3	10:52	10.47	8.19	30.88	22.7	3.81	2	112	0.38	NW
UC2	20190212	Sunny	Calm	Mid-Flood	M	6.7	10:53	10.5	8.37	30.14	22.6	3.87	2	112	0.34	NW
UC2	20190212	Sunny	Calm	Mid-Flood	M	6.7	10:53	10.46	8.27	30.85	22.6	3.86	3	113	0.36	NW
UC2	20190212	Sunny	Calm	Mid-Flood	S	1	10:54	10.59	8.03	30.97	22.5	3.91	3	114	0.21	NW
UC2	20190212	Sunny	Calm	Mid-Flood	S	1	10:55	10.56	8.17	30.18	22.6	3.9	3	114	0.23	NW
I1	20190212	Sunny	Calm	Mid-Flood	B	9.6	11:01	10.92	8.13	30.58	22.6	3.82	2	112	0.43	NW
I1	20190212	Sunny	Calm	Mid-Flood	B	9.6	11:02	10.96	8.17	30.25	22.7	3.75	2	113	0.45	NW
I1	20190212	Sunny	Calm	Mid-Flood	M	5.3	11:02	11.1	8.37	30.06	22.5	3.65	3	113	0.32	NW
I1	20190212	Sunny	Calm	Mid-Flood	M	5.3	11:03	11.21	8.4	30.04	22.5	3.7	2	113	0.3	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I1	20190212	Sunny	Calm	Mid-Flood	S	1	11:04	11.23	8.27	30.61	22.5	3.64	3	114	0.24	NW
I1	20190212	Sunny	Calm	Mid-Flood	S	1	11:04	11.13	8.05	30.22	22.6	3.7	3	114	0.22	NW
I2	20190212	Sunny	Calm	Mid-Flood	B	9.3	11:11	10.29	8.02	30.1	22.6	3.83	3	112	0.36	NW
I2	20190212	Sunny	Calm	Mid-Flood	B	9.3	11:12	10.22	8.26	31	22.5	3.8	2	112	0.38	NW
I2	20190212	Sunny	Calm	Mid-Flood	M	5.2	11:12	10.31	8.16	30.7	22.7	3.86	2	113	0.29	NW
I2	20190212	Sunny	Calm	Mid-Flood	M	5.2	11:13	10.36	8.18	31.18	22.7	3.76	2	113	0.27	NW
I2	20190212	Sunny	Calm	Mid-Flood	S	1	11:13	10.27	8.25	30.72	22.7	3.81	3	114	0.24	NW
I2	20190212	Sunny	Calm	Mid-Flood	S	1	11:14	10.46	8.22	30.6	22.6	3.84	2	111	0.24	NW
I3	20190212	Sunny	Calm	Mid-Flood	B	11.9	11:17	10.43	8.44	30.88	22.5	3.88	2	114	0.45	NW
I3	20190212	Sunny	Calm	Mid-Flood	B	11.9	11:17	10.25	8.06	30.53	22.6	3.81	2	113	0.44	NW
I3	20190212	Sunny	Calm	Mid-Flood	M	6.5	11:18	10.19	8.28	30.93	22.6	3.86	3	112	0.35	NW
I3	20190212	Sunny	Calm	Mid-Flood	M	6.5	11:18	10.33	8.43	30.05	22.5	3.77	3	114	0.36	NW
I3	20190212	Sunny	Calm	Mid-Flood	S	1	11:19	10.13	8.33	30.91	22.7	3.85	2	113	0.19	NW
I3	20190212	Sunny	Calm	Mid-Flood	S	1	11:20	10.31	8.26	30.93	22.6	3.85	3	113	0.21	NW
I4	20190212	Sunny	Calm	Mid-Flood	B	11.8	11:25	10.36	8.24	30.27	22.7	3.89	3	113	0.39	NW
I4	20190212	Sunny	Calm	Mid-Flood	B	11.8	11:26	10.37	8.09	30.26	22.7	3.98	3	112	0.39	NW
I4	20190212	Sunny	Calm	Mid-Flood	M	6.4	11:27	10.44	8.21	30.27	22.7	3.99	3	113	0.27	NW
I4	20190212	Sunny	Calm	Mid-Flood	M	6.4	11:27	10.31	8.38	31.09	22.5	3.98	2	112	0.26	NW
I4	20190212	Sunny	Calm	Mid-Flood	S	1	11:28	10.26	8	30.04	22.6	3.89	3	111	0.19	NW
I4	20190212	Sunny	Calm	Mid-Flood	S	1	11:28	10.35	8.26	30.22	22.5	3.82	2	113	0.18	NW
I5	20190212	Sunny	Calm	Mid-Flood	B	Note 4	-	-	-	-	-	-	-	-	-	-
I5	20190212	Sunny	Calm	Mid-Flood	B	Note 4	-	-	-	-	-	-	-	-	-	-
I5	20190212	Sunny	Calm	Mid-Flood	M	Note 4	-	-	-	-	-	-	-	-	-	-
I5	20190212	Sunny	Calm	Mid-Flood	M	Note 4	-	-	-	-	-	-	-	-	-	-
I5	20190212	Sunny	Calm	Mid-Flood	S	Note 4	-	-	-	-	-	-	-	-	-	-
I5	20190212	Sunny	Calm	Mid-Flood	S	Note 4	-	-	-	-	-	-	-	-	-	-
I6	20190212	Sunny	Calm	Mid-Flood	B	11	11:49	10.47	8.43	30.48	22.6	3.76	4	113	0.39	NW
I6	20190212	Sunny	Calm	Mid-Flood	B	11	11:49	10.27	8.5	30.37	22.7	3.72	3	113	0.41	NW
I6	20190212	Sunny	Calm	Mid-Flood	M	6	11:50	10.36	8	30.02	22.5	3.68	4	112	0.27	NW
I6	20190212	Sunny	Calm	Mid-Flood	M	6	11:51	10.31	8.25	31.03	22.7	3.66	3	113	0.28	NW
I6	20190212	Sunny	Calm	Mid-Flood	S	1	11:51	10.46	8.21	30.88	22.5	3.57	3	114	0.22	NW
I6	20190212	Sunny	Calm	Mid-Flood	S	1	11:52	10.29	8.48	30.84	22.5	3.57	4	114	0.24	NW

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 Initial Intensive DCM Water Quality Monitoring Data

Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I7	20190212	Sunny	Calm	Mid-Flood	B	9.4	11:38	10.26	8.27	30.85	22.7	3.99	3	112	0.38	NW
I7	20190212	Sunny	Calm	Mid-Flood	B	9.4	11:39	10.16	8.44	30.2	22.6	4.03	2	112	0.36	NW
I7	20190212	Sunny	Calm	Mid-Flood	M	5.2	11:40	10	8.22	30.89	22.7	3.97	2	114	0.31	NW
I7	20190212	Sunny	Calm	Mid-Flood	M	5.2	11:40	10.13	8.16	30.06	22.6	3.97	3	113	0.31	NW
I7	20190212	Sunny	Calm	Mid-Flood	S	1	11:41	10.09	8.05	30.55	22.7	4.05	3	111	0.24	NW
I7	20190212	Sunny	Calm	Mid-Flood	S	1	11:41	10.18	8.07	30.25	22.6	3.96	2	113	0.26	NW
I8	20190212	Sunny	Calm	Mid-Flood	B	11.5	11:38	10.14	8.22	31	22.7	3.98	3	113	0.37	NW
I8	20190212	Sunny	Calm	Mid-Flood	B	11.5	11:39	10.22	8.44	30.02	22.7	3.99	3	114	0.37	NW
I8	20190212	Sunny	Calm	Mid-Flood	M	6.3	11:39	10.02	8	30.56	22.5	4.06	3	113	0.31	NW
I8	20190212	Sunny	Calm	Mid-Flood	M	6.3	11:40	10.15	8.25	30.98	22.7	4.09	3	112	0.33	NW
I8	20190212	Sunny	Calm	Mid-Flood	S	1	11:41	10.05	8.03	30	22.7	4.02	3	112	0.15	NW
I8	20190212	Sunny	Calm	Mid-Flood	S	1	11:41	10.07	8.46	30.23	22.6	4.03	3	113	0.17	NW
I9	20190212	Sunny	Calm	Mid-Flood	B	10.6	11:31	10.39	8.21	30.26	22.6	3.82	4	114	0.41	NW
I9	20190212	Sunny	Calm	Mid-Flood	B	10.6	11:31	10.27	8.22	30.42	22.7	3.85	3	114	0.42	NW
I9	20190212	Sunny	Calm	Mid-Flood	M	5.8	11:32	10.44	8.45	30.21	22.7	3.85	4	113	0.29	NW
I9	20190212	Sunny	Calm	Mid-Flood	M	5.8	11:33	10.26	8.19	30.72	22.6	3.95	4	114	0.28	NW
I9	20190212	Sunny	Calm	Mid-Flood	S	1	11:33	10.16	8.4	30.33	22.7	3.99	5	113	0.15	NW
I9	20190212	Sunny	Calm	Mid-Flood	S	1	11:34	10.12	8.42	30.42	22.6	4.08	4	114	0.17	NW
I10	20190212	Sunny	Calm	Mid-Flood	B	Note 4	-	-	-	-	-	-	-	-	-	-
I10	20190212	Sunny	Calm	Mid-Flood	B	Note 4	-	-	-	-	-	-	-	-	-	-
I10	20190212	Sunny	Calm	Mid-Flood	M	Note 4	-	-	-	-	-	-	-	-	-	-
I10	20190212	Sunny	Calm	Mid-Flood	M	Note 4	-	-	-	-	-	-	-	-	-	-
I10	20190212	Sunny	Calm	Mid-Flood	S	Note 4	-	-	-	-	-	-	-	-	-	-
I10	20190212	Sunny	Calm	Mid-Flood	S	Note 4	-	-	-	-	-	-	-	-	-	-
UC1	20190212	Fine	Moderate	Mid-Ebb	B	10.2	14:53	10.27	8.14	31.11	22.6	3.75	5	114	0.43	SE
UC1	20190212	Fine	Moderate	Mid-Ebb	B	10.2	14:54	10.26	8.29	30.72	22.6	3.76	4	114	0.43	SE
UC1	20190212	Fine	Moderate	Mid-Ebb	M	5.6	14:54	10.32	8.46	30.69	22.6	3.7	5	114	0.32	SE
UC1	20190212	Fine	Moderate	Mid-Ebb	M	5.6	14:54	10.17	8.27	30.43	22.7	3.73	5	114	0.34	SE
UC1	20190212	Fine	Moderate	Mid-Ebb	S	1	14:55	10.25	8.3	30.42	22.6	3.74	3	113	0.23	SE
UC1	20190212	Fine	Moderate	Mid-Ebb	S	1	14:55	10.37	8.02	30.19	22.6	3.65	4	113	0.25	SE
UC2	20190212	Fine	Moderate	Mid-Ebb	B	12.3	14:57	10.17	8.45	30.73	22.6	3.84	4	114	0.38	SE
UC2	20190212	Fine	Moderate	Mid-Ebb	B	12.3	14:57	10.22	8.45	30.35	22.5	3.85	5	115	0.37	SE

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

Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC2	20190212	Fine	Moderate	Mid-Ebb	M	6.7	14:57	10.3	8.33	30.24	22.5	3.93	5	114	0.3	SE
UC2	20190212	Fine	Moderate	Mid-Ebb	M	6.7	14:58	10.34	8.04	31.06	22.7	3.93	6	114	0.32	SE
UC2	20190212	Fine	Moderate	Mid-Ebb	S	1	14:58	10.39	8.48	31.15	22.7	4.01	4	114	0.25	SE
UC2	20190212	Fine	Moderate	Mid-Ebb	S	1	14:58	10.19	8.19	31.18	22.7	4.02	3	114	0.26	SE
I1	20190212	Fine	Moderate	Mid-Ebb	B	9.2	15:01	10.82	8.16	31.2	22.5	3.98	5	113	0.41	SE
I1	20190212	Fine	Moderate	Mid-Ebb	B	9.2	15:01	10.96	8.01	31.13	22.6	3.9	5	114	0.43	SE
I1	20190212	Fine	Moderate	Mid-Ebb	M	5.1	15:02	11	8.33	30.96	22.5	3.98	3	114	0.28	SE
I1	20190212	Fine	Moderate	Mid-Ebb	M	5.1	15:02	11.17	8.17	31.2	22.5	4	4	113	0.26	SE
I1	20190212	Fine	Moderate	Mid-Ebb	S	1	15:02	11.2	8.45	30.32	22.6	4.04	4	114	0.15	SE
I1	20190212	Fine	Moderate	Mid-Ebb	S	1	15:03	11.06	8.19	30.38	22.7	4.13	4	114	0.16	SE
I2	20190212	Fine	Moderate	Mid-Ebb	B	10.7	15:04	10.74	8.46	30.38	22.5	3.76	4	114	0.36	SE
I2	20190212	Fine	Moderate	Mid-Ebb	B	10.7	15:04	10.63	8	31.18	22.7	3.72	4	114	0.37	SE
I2	20190212	Fine	Moderate	Mid-Ebb	M	5.9	15:05	10.8	8.35	30.9	22.6	3.79	5	113	0.32	SE
I2	20190212	Fine	Moderate	Mid-Ebb	M	5.9	15:05	10.63	8.06	30.53	22.7	3.76	4	114	0.32	SE
I2	20190212	Fine	Moderate	Mid-Ebb	S	1	15:06	10.46	8.13	31.07	22.5	3.68	7	113	0.24	SE
I2	20190212	Fine	Moderate	Mid-Ebb	S	1	15:06	10.33	8.27	30.55	22.5	3.71	6	113	0.24	SE
I3	20190212	Fine	Moderate	Mid-Ebb	B	10	15:08	10.9	8.43	31.1	22.5	3.79	4	115	0.36	SE
I3	20190212	Fine	Moderate	Mid-Ebb	B	10	15:09	10.7	8.4	31.08	22.7	3.69	6	113	0.36	SE
I3	20190212	Fine	Moderate	Mid-Ebb	M	5.5	15:09	10.58	8.47	30.13	22.5	3.67	3	114	0.29	SE
I3	20190212	Fine	Moderate	Mid-Ebb	M	5.5	15:10	10.5	8.5	31.03	22.5	3.59	4	113	0.3	SE
I3	20190212	Fine	Moderate	Mid-Ebb	S	1	15:10	10.54	8.34	31.02	22.7	3.53	2	114	0.16	SE
I3	20190212	Fine	Moderate	Mid-Ebb	S	1	15:10	10.66	8.39	30.78	22.6	3.55	3	114	0.17	SE
I4	20190212	Fine	Moderate	Mid-Ebb	B	12.1	15:11	10.77	8.13	30.65	22.5	3.88	2	113	0.41	SE
I4	20190212	Fine	Moderate	Mid-Ebb	B	12.1	15:11	10.8	8.04	31.04	22.6	3.81	4	114	0.41	SE
I4	20190212	Fine	Moderate	Mid-Ebb	M	6.6	15:11	10.84	8.32	31.04	22.6	3.86	6	114	0.33	SE
I4	20190212	Fine	Moderate	Mid-Ebb	M	6.6	15:12	10.82	8.06	30.52	22.5	3.93	6	115	0.32	SE
I4	20190212	Fine	Moderate	Mid-Ebb	S	1	15:12	11.01	8.35	31.12	22.7	3.91	7	114	0.21	SE
I4	20190212	Fine	Moderate	Mid-Ebb	S	1	15:13	10.96	8.32	30.13	22.7	3.84	7	113	0.21	SE
I5	20190212	Fine	Moderate	Mid-Ebb	B	10.9	15:15	10.99	8.45	30.67	22.6	3.81	3	114	0.38	SE
I5	20190212	Fine	Moderate	Mid-Ebb	B	10.9	15:15	11.14	8.33	30.26	22.6	3.77	3	113	0.4	SE
I5	20190212	Fine	Moderate	Mid-Ebb	M	6	15:16	11.01	8.35	30.67	22.6	3.79	2	115	0.28	SE
I5	20190212	Fine	Moderate	Mid-Ebb	M	6	15:16	10.91	8.25	30.09	22.5	3.89	<2	114	0.27	SE

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 Initial Intensive DCM Water Quality Monitoring Data

Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I5	20190212	Fine	Moderate	Mid-Ebb	S	1	15:17	10.84	8.5	30.81	22.5	3.94	2	114	0.2	SE
I5	20190212	Fine	Moderate	Mid-Ebb	S	1	15:17	10.71	8.49	30.69	22.7	3.9	2	113	0.21	SE
I6	20190212	Fine	Moderate	Mid-Ebb	B	9.5	15:40	10.53	8.28	30.56	22.5	3.75	3	112	0.37	SE
I6	20190212	Fine	Moderate	Mid-Ebb	B	9.5	15:41	10.51	8.16	30.75	22.7	3.8	4	112	0.36	SE
I6	20190212	Fine	Moderate	Mid-Ebb	M	5.3	15:41	10.34	8.46	31.07	22.5	3.81	4	113	0.29	SE
I6	20190212	Fine	Moderate	Mid-Ebb	M	5.3	15:41	10.35	8.3	30.53	22.7	3.9	2	114	0.29	SE
I6	20190212	Fine	Moderate	Mid-Ebb	S	1	15:42	10.34	8.27	30.51	22.6	3.86	3	114	0.25	SE
I6	20190212	Fine	Moderate	Mid-Ebb	S	1	15:42	10.37	8.43	30.63	22.5	3.76	4	113	0.26	SE
I7	20190212	Fine	Moderate	Mid-Ebb	B	9.9	15:34	10.18	8.26	30.08	22.5	3.71	5	114	0.41	SE
I7	20190212	Fine	Moderate	Mid-Ebb	B	9.9	15:34	10.37	8	30.16	22.7	3.74	6	114	0.41	SE
I7	20190212	Fine	Moderate	Mid-Ebb	M	5.5	15:34	10.34	8.35	30.94	22.6	3.79	6	113	0.32	SE
I7	20190212	Fine	Moderate	Mid-Ebb	M	5.5	15:35	10.14	8.01	30.87	22.6	3.81	5	112	0.33	SE
I7	20190212	Fine	Moderate	Mid-Ebb	S	1	15:35	10.26	8.12	30.14	22.7	3.79	4	113	0.2	SE
I7	20190212	Fine	Moderate	Mid-Ebb	S	1	15:36	10.17	8.02	30.61	22.6	3.73	3	112	0.22	SE
I8	20190212	Fine	Moderate	Mid-Ebb	B	12.2	15:27	10.94	8.12	31.1	22.7	3.84	<2	113	0.37	SE
I8	20190212	Fine	Moderate	Mid-Ebb	B	12.2	15:27	11.05	8.34	30.6	22.7	3.74	3	113	0.35	SE
I8	20190212	Fine	Moderate	Mid-Ebb	M	6.6	15:28	11.13	8.01	31.05	22.7	3.64	3	113	0.26	SE
I8	20190212	Fine	Moderate	Mid-Ebb	M	6.6	15:28	11.18	8	30.21	22.7	3.69	3	112	0.27	SE
I8	20190212	Fine	Moderate	Mid-Ebb	S	1	15:28	10.98	8.15	30.36	22.5	3.76	5	112	0.16	SE
I8	20190212	Fine	Moderate	Mid-Ebb	S	1	15:29	10.85	8.35	30.62	22.5	3.85	4	114	0.18	SE
I9	20190212	Fine	Moderate	Mid-Ebb	B	10.3	15:24	10.6	8.17	30.66	22.7	3.88	4	113	0.43	SE
I9	20190212	Fine	Moderate	Mid-Ebb	B	10.3	15:25	10.76	8.19	30.19	22.7	3.79	3	114	0.42	SE
I9	20190212	Fine	Moderate	Mid-Ebb	M	5.7	15:25	10.78	8.31	30.71	22.5	3.8	3	114	0.28	SE
I9	20190212	Fine	Moderate	Mid-Ebb	M	5.7	15:25	10.97	8.45	30.88	22.5	3.76	2	114	0.29	SE
I9	20190212	Fine	Moderate	Mid-Ebb	S	1	15:26	10.79	8.32	30.85	22.6	3.79	3	114	0.17	SE
I9	20190212	Fine	Moderate	Mid-Ebb	S	1	15:26	10.77	8	30.1	22.5	3.73	3	114	0.17	SE
I10	20190212	Fine	Moderate	Mid-Ebb	B	10.3	15:19	10.67	8.22	30.6	22.7	3.75	4	113	0.39	SE
I10	20190212	Fine	Moderate	Mid-Ebb	B	10.3	15:19	10.56	8.13	31.09	22.5	3.78	4	113	0.41	SE
I10	20190212	Fine	Moderate	Mid-Ebb	M	5.7	15:19	10.71	8.32	30.79	22.7	3.73	4	113	0.31	SE
I10	20190212	Fine	Moderate	Mid-Ebb	M	5.7	15:20	10.77	8.38	30.43	22.5	3.69	3	113	0.33	SE
I10	20190212	Fine	Moderate	Mid-Ebb	S	1	15:20	10.83	8.17	30.93	22.7	3.64	5	113	0.21	SE
I10	20190212	Fine	Moderate	Mid-Ebb	S	1	15:20	11.01	8.46	30.86	22.7	3.73	5	113	0.2	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC1	20190213	Sunny	Calm	Mid-Flood	B	10	11:50	10.92	8.05	30.09	21.4	3.98	3	113	0.38	NW
UC1	20190213	Sunny	Calm	Mid-Flood	B	10	11:50	10.99	8.15	30.14	21.5	4.03	4	114	0.37	NW
UC1	20190213	Sunny	Calm	Mid-Flood	M	5.5	11:50	11	8.27	30.11	21.5	3.1	3	112	0.34	NW
UC1	20190213	Sunny	Calm	Mid-Flood	M	5.5	11:51	11.1	8.02	30.02	21.5	3.02	3	114	0.34	NW
UC1	20190213	Sunny	Calm	Mid-Flood	S	1	11:51	11.1	8.17	30.03	21.3	2.84	4	113	0.3	NW
UC1	20190213	Sunny	Calm	Mid-Flood	S	1	11:51	11.06	8.07	30.1	21.5	2.88	5	112	0.29	NW
UC2	20190213	Sunny	Calm	Mid-Flood	B	9.5	11:57	10.3	8.2	30.74	21.3	3.86	2	113	0.35	NW
UC2	20190213	Sunny	Calm	Mid-Flood	B	9.5	11:57	10.25	8.1	30.72	21.4	3.91	2	112	0.33	NW
UC2	20190213	Sunny	Calm	Mid-Flood	M	5.3	11:58	10.29	8.42	30.7	21.4	3.31	3	114	0.32	NW
UC2	20190213	Sunny	Calm	Mid-Flood	M	5.3	11:58	10.25	8.47	30.61	21.3	3.39	2	112	0.3	NW
UC2	20190213	Sunny	Calm	Mid-Flood	S	1	11:58	10.24	8.1	30.55	21.3	2.73	3	113	0.26	NW
UC2	20190213	Sunny	Calm	Mid-Flood	S	1	11:59	10.29	8.24	30.51	21.4	2.73	3	113	0.24	NW
I1	20190213	Sunny	Calm	Mid-Flood	B	9.7	12:06	10.64	8.4	30.29	21.5	3.86	4	112	0.39	NW
I1	20190213	Sunny	Calm	Mid-Flood	B	9.7	12:06	10.7	8.01	30.2	21.3	3.96	5	113	0.38	NW
I1	20190213	Sunny	Calm	Mid-Flood	M	5.4	12:07	10.74	8.13	30.16	21.3	3.27	4	113	0.34	NW
I1	20190213	Sunny	Calm	Mid-Flood	M	5.4	12:07	10.83	8.4	30.21	21.4	3.33	3	112	0.32	NW
I1	20190213	Sunny	Calm	Mid-Flood	S	1	12:08	10.93	8.04	30.23	21.3	2.9	3	113	0.29	NW
I1	20190213	Sunny	Calm	Mid-Flood	S	1	12:08	11.01	8.03	30.31	21.4	2.95	4	113	0.27	NW
I2	20190213	Sunny	Calm	Mid-Flood	B	9.6	12:10	10.38	8.07	30.82	21.5	3.74	5	112	0.37	NW
I2	20190213	Sunny	Calm	Mid-Flood	B	9.6	12:11	10.42	8.39	30.83	21.4	3.73	4	112	0.37	NW
I2	20190213	Sunny	Calm	Mid-Flood	M	5.3	12:11	10.32	8.04	30.76	21.3	3.48	4	114	0.34	NW
I2	20190213	Sunny	Calm	Mid-Flood	M	5.3	12:12	10.31	8.39	30.76	21.3	3.46	5	112	0.33	NW
I2	20190213	Sunny	Calm	Mid-Flood	S	1	12:12	10.39	8.19	30.86	21.4	2.57	3	112	0.26	NW
I2	20190213	Sunny	Calm	Mid-Flood	S	1	12:12	10.46	8.43	30.88	21.4	2.61	3	113	0.24	NW
I3	20190213	Sunny	Calm	Mid-Flood	B	10.3	12:14	10.02	8.26	30.89	21.3	3.97	5	112	0.4	NW
I3	20190213	Sunny	Calm	Mid-Flood	B	10.3	12:14	9.98	8.36	30.91	21.3	3.96	4	112	0.41	NW
I3	20190213	Sunny	Calm	Mid-Flood	M	5.7	12:14	10.04	8.34	30.92	21.3	3.08	5	113	0.34	NW
I3	20190213	Sunny	Calm	Mid-Flood	M	5.7	12:15	10.04	8.32	30.95	21.5	3.16	4	112	0.35	NW
I3	20190213	Sunny	Calm	Mid-Flood	S	1	12:15	10.14	8.21	30.86	21.3	2.66	4	112	0.26	NW
I3	20190213	Sunny	Calm	Mid-Flood	S	1	12:16	10.1	8.49	30.89	21.3	2.67	4	112	0.26	NW
I4	20190213	Sunny	Calm	Mid-Flood	B	10.2	12:18	10.24	8.02	30.92	21.5	3.54	5	114	0.38	NW
I4	20190213	Sunny	Calm	Mid-Flood	B	10.2	12:18	10.15	8.11	30.94	21.3	3.55	6	113	0.4	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I4	20190213	Sunny	Calm	Mid-Flood	M	5.6	12:19	10.2	8.1	30.88	21.5	3.03	5	113	0.35	NW
I4	20190213	Sunny	Calm	Mid-Flood	M	5.6	12:19	10.11	8.06	30.91	21.3	3.12	6	113	0.37	NW
I4	20190213	Sunny	Calm	Mid-Flood	S	1	12:20	10.1	8.16	30.82	21.4	2.55	6	112	0.29	NW
I4	20190213	Sunny	Calm	Mid-Flood	S	1	12:20	10.05	8.24	30.75	21.5	2.63	7	113	0.31	NW
I5	20190213	Sunny	Calm	Mid-Flood	B	10.6	12:21	10.15	8.27	30.46	21.5	3.72	10	113	0.37	NW
I5	20190213	Sunny	Calm	Mid-Flood	B	10.6	12:22	10.11	8.12	30.51	21.5	3.73	10	114	0.37	NW
I5	20190213	Sunny	Calm	Mid-Flood	M	5.8	12:22	10.02	8.05	30.55	21.3	3.4	9	113	0.32	NW
I5	20190213	Sunny	Calm	Mid-Flood	M	5.8	12:22	10.08	8.4	30.47	21.5	3.33	10	112	0.33	NW
I5	20190213	Sunny	Calm	Mid-Flood	S	1	12:23	10.17	8.11	30.57	21.4	2.79	11	112	0.3	NW
I5	20190213	Sunny	Calm	Mid-Flood	S	1	12:23	10.14	8.19	30.58	21.5	2.8	10	112	0.28	NW
I6	20190213	Sunny	Calm	Mid-Flood	B	10.3	12:45	10.15	8.17	30.71	21.4	3.64	6	113	0.4	NW
I6	20190213	Sunny	Calm	Mid-Flood	B	10.3	12:45	10.15	8.45	30.7	21.4	3.58	5	112	0.4	NW
I6	20190213	Sunny	Calm	Mid-Flood	M	5.7	12:45	10.05	8.42	30.68	21.5	3.07	6	113	0.3	NW
I6	20190213	Sunny	Calm	Mid-Flood	M	5.7	12:46	10	8.34	30.78	21.4	3.06	5	112	0.28	NW
I6	20190213	Sunny	Calm	Mid-Flood	S	1	12:46	10.09	8.04	30.73	21.5	2.69	9	113	0.27	NW
I6	20190213	Sunny	Calm	Mid-Flood	S	1	12:47	10.06	8.01	30.76	21.4	2.62	9	113	0.27	NW
I7	20190213	Sunny	Calm	Mid-Flood	B	9.8	12:39	10.95	8.19	30.57	21.5	3.95	6	112	0.36	NW
I7	20190213	Sunny	Calm	Mid-Flood	B	9.8	12:39	10.88	8.5	30.51	21.4	3.85	7	114	0.34	NW
I7	20190213	Sunny	Calm	Mid-Flood	M	5.4	12:40	10.86	8.35	30.49	21.5	3.32	8	111	0.31	NW
I7	20190213	Sunny	Calm	Mid-Flood	M	5.4	12:40	10.84	8.17	30.39	21.3	3.32	7	113	0.31	NW
I7	20190213	Sunny	Calm	Mid-Flood	S	1	12:40	10.85	8.04	30.42	21.5	2.92	7	113	0.3	NW
I7	20190213	Sunny	Calm	Mid-Flood	S	1	12:41	10.8	8.13	30.39	21.5	2.97	6	112	0.28	NW
I8	20190213	Sunny	Calm	Mid-Flood	B	10.8	12:34	10.7	8.07	30.21	21.5	3.87	10	112	0.35	NW
I8	20190213	Sunny	Calm	Mid-Flood	B	10.8	12:35	10.7	8.05	30.15	21.4	3.79	8	113	0.35	NW
I8	20190213	Sunny	Calm	Mid-Flood	M	5.9	12:35	10.71	8.17	30.25	21.5	3.03	6	112	0.32	NW
I8	20190213	Sunny	Calm	Mid-Flood	M	5.9	12:35	10.68	8.38	30.15	21.3	3.03	5	113	0.32	NW
I8	20190213	Sunny	Calm	Mid-Flood	S	1	12:36	10.72	8.09	30.06	21.3	2.87	6	112	0.25	NW
I8	20190213	Sunny	Calm	Mid-Flood	S	1	12:36	10.65	8.18	30.09	21.3	2.87	5	113	0.27	NW
I9	20190213	Sunny	Calm	Mid-Flood	B	10.4	12:30	10.98	8.22	30.61	21.5	3.89	5	114	0.37	NW
I9	20190213	Sunny	Calm	Mid-Flood	B	10.4	12:30	10.9	8.44	30.67	21.4	3.79	5	112	0.38	NW
I9	20190213	Sunny	Calm	Mid-Flood	M	5.7	12:30	10.96	8.3	30.74	21.4	3.05	5	112	0.32	NW
I9	20190213	Sunny	Calm	Mid-Flood	M	5.7	12:31	10.95	8.06	30.76	21.4	3.01	5	112	0.3	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I9	20190213	Sunny	Calm	Mid-Flood	S	1	12:31	10.87	8.39	30.73	21.4	2.9	5	112	0.28	NW
I9	20190213	Sunny	Calm	Mid-Flood	S	1	12:31	10.95	8.4	30.74	21.3	2.99	5	114	0.27	NW
I10	20190213	Sunny	Calm	Mid-Flood	B	10.4	12:25	10.59	8.22	30.51	21.5	3.9	9	113	0.38	NW
I10	20190213	Sunny	Calm	Mid-Flood	B	10.4	12:25	10.66	8.1	30.48	21.4	3.82	10	113	0.38	NW
I10	20190213	Sunny	Calm	Mid-Flood	M	5.7	12:26	10.71	8.18	30.46	21.3	3.3	9	113	0.31	NW
I10	20190213	Sunny	Calm	Mid-Flood	M	5.7	12:26	10.72	8.2	30.44	21.4	3.24	10	114	0.3	NW
I10	20190213	Sunny	Calm	Mid-Flood	S	1	12:26	10.76	8.19	30.49	21.5	2.69	9	112	0.25	NW
I10	20190213	Sunny	Calm	Mid-Flood	S	1	12:27	10.79	8.36	30.48	21.3	2.68	8	113	0.26	NW
UC1	20190213	Cloudy	Light	Mid-Ebb	B	10.7	17:16	10.9	8.48	30.48	21.5	3.57	10	114	0.38	SE
UC1	20190213	Cloudy	Light	Mid-Ebb	B	10.7	17:16	10.93	8.39	30.43	21.5	3.55	9	113	0.36	SE
UC1	20190213	Cloudy	Light	Mid-Ebb	M	5.9	17:16	11.01	8.18	30.5	21.3	3.44	7	114	0.31	SE
UC1	20190213	Cloudy	Light	Mid-Ebb	M	5.9	17:17	11.07	8.09	30.4	21.4	3.48	7	112	0.33	SE
UC1	20190213	Cloudy	Light	Mid-Ebb	S	1	17:17	11.13	8.05	30.31	21.4	2.72	9	113	0.26	SE
UC1	20190213	Cloudy	Light	Mid-Ebb	S	1	17:17	11.12	8.13	30.41	21.5	2.81	8	113	0.28	SE
UC2	20190213	Cloudy	Light	Mid-Ebb	B	10.8	17:22	10.01	8.41	30.33	21.5	3.71	7	113	0.36	SE
UC2	20190213	Cloudy	Light	Mid-Ebb	B	10.8	17:22	10.1	8.39	30.28	21.3	3.67	6	113	0.37	SE
UC2	20190213	Cloudy	Light	Mid-Ebb	M	5.9	17:23	10.05	8.14	30.36	21.4	3.34	5	114	0.34	SE
UC2	20190213	Cloudy	Light	Mid-Ebb	M	5.9	17:23	10.11	8.24	30.36	21.4	3.39	6	114	0.33	SE
UC2	20190213	Cloudy	Light	Mid-Ebb	S	1	17:23	10.09	8.02	30.46	21.5	2.96	9	113	0.25	SE
UC2	20190213	Cloudy	Light	Mid-Ebb	S	1	17:24	10.12	8.39	30.56	21.3	2.91	10	114	0.23	SE
I1	20190213	Cloudy	Light	Mid-Ebb	B	10.4	17:28	10.45	8.35	30.31	21.3	3.85	5	114	0.39	SE
I1	20190213	Cloudy	Light	Mid-Ebb	B	10.4	17:28	10.36	8.24	30.21	21.4	3.8	6	112	0.39	SE
I1	20190213	Cloudy	Light	Mid-Ebb	M	5.7	17:29	10.29	8.25	30.19	21.5	3.44	7	114	0.34	SE
I1	20190213	Cloudy	Light	Mid-Ebb	M	5.7	17:29	10.37	8.43	30.19	21.5	3.38	8	113	0.35	SE
I1	20190213	Cloudy	Light	Mid-Ebb	S	1	17:30	10.4	8.05	30.24	21.5	2.71	8	114	0.28	SE
I1	20190213	Cloudy	Light	Mid-Ebb	S	1	17:30	10.38	8.17	30.32	21.4	2.81	9	113	0.27	SE
I2	20190213	Cloudy	Light	Mid-Ebb	B	9.6	17:32	10.92	8	30.86	21.5	3.8	8	113	0.38	SE
I2	20190213	Cloudy	Light	Mid-Ebb	B	9.6	17:33	10.96	8.23	30.91	21.3	3.72	9	114	0.37	SE
I2	20190213	Cloudy	Light	Mid-Ebb	M	5.3	17:33	10.86	8.41	30.93	21.3	3.35	7	114	0.35	SE
I2	20190213	Cloudy	Light	Mid-Ebb	M	5.3	17:34	10.84	8.22	30.9	21.4	3.36	8	114	0.37	SE
I2	20190213	Cloudy	Light	Mid-Ebb	S	1	17:34	10.9	8.36	30.83	21.3	2.58	4	113	0.27	SE
I2	20190213	Cloudy	Light	Mid-Ebb	S	1	17:34	10.91	8.17	30.91	21.5	2.51	5	113	0.26	SE



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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I3	20190213	Cloudy	Light	Mid-Ebb	B	9.7	17:36	10.68	8.41	30.41	21.5	3.93	8	113	0.36	SE
I3	20190213	Cloudy	Light	Mid-Ebb	B	9.7	17:36	10.73	8.35	30.35	21.3	3.9	8	114	0.37	SE
I3	20190213	Cloudy	Light	Mid-Ebb	M	5.4	17:36	10.75	8.38	30.25	21.3	3.08	6	114	0.31	SE
I3	20190213	Cloudy	Light	Mid-Ebb	M	5.4	17:37	10.69	8.38	30.23	21.5	3.04	5	113	0.32	SE
I3	20190213	Cloudy	Light	Mid-Ebb	S	1	17:37	10.69	8.02	30.29	21.3	2.66	6	113	0.27	SE
I3	20190213	Cloudy	Light	Mid-Ebb	S	1	17:38	10.62	8.22	30.35	21.3	2.76	6	114	0.25	SE
I4	20190213	Cloudy	Light	Mid-Ebb	B	9.5	17:40	10.61	8.3	30.36	21.5	3.63	6	114	0.35	SE
I4	20190213	Cloudy	Light	Mid-Ebb	B	9.5	17:40	10.62	8.21	30.27	21.5	3.59	6	113	0.33	SE
I4	20190213	Cloudy	Light	Mid-Ebb	M	5.3	17:41	10.68	8.06	30.18	21.5	3.1	6	113	0.33	SE
I4	20190213	Cloudy	Light	Mid-Ebb	M	5.3	17:41	10.67	8.14	30.09	21.4	3.11	7	114	0.35	SE
I4	20190213	Cloudy	Light	Mid-Ebb	S	1	17:42	10.64	8.33	30.06	21.5	2.9	6	113	0.3	SE
I4	20190213	Cloudy	Light	Mid-Ebb	S	1	17:42	10.59	8.06	30.07	21.3	2.91	5	114	0.28	SE
I5	20190213	Cloudy	Light	Mid-Ebb	B	10	17:45	10.42	8.19	30.45	21.3	3.94	8	114	0.39	SE
I5	20190213	Cloudy	Light	Mid-Ebb	B	10	17:46	10.45	8.36	30.45	21.3	3.85	9	112	0.41	SE
I5	20190213	Cloudy	Light	Mid-Ebb	M	5.5	17:46	10.47	8.03	30.38	21.4	3.47	8	113	0.31	SE
I5	20190213	Cloudy	Light	Mid-Ebb	M	5.5	17:46	10.43	8.05	30.39	21.4	3.39	9	112	0.31	SE
I5	20190213	Cloudy	Light	Mid-Ebb	S	1	17:47	10.39	8.27	30.3	21.4	2.68	7	114	0.29	SE
I5	20190213	Cloudy	Light	Mid-Ebb	S	1	17:47	10.34	8.25	30.36	21.4	2.74	7	114	0.28	SE
I6	20190213	Cloudy	Light	Mid-Ebb	B	10.4	18:07	10.33	8.01	30.32	21.4	3.53	7	114	0.4	SE
I6	20190213	Cloudy	Light	Mid-Ebb	B	10.4	18:07	10.24	8.08	30.36	21.5	3.45	6	113	0.38	SE
I6	20190213	Cloudy	Light	Mid-Ebb	M	5.7	18:07	10.29	8.02	30.41	21.4	3	6	113	0.34	SE
I6	20190213	Cloudy	Light	Mid-Ebb	M	5.7	18:08	10.39	8.04	30.33	21.4	2.97	6	113	0.33	SE
I6	20190213	Cloudy	Light	Mid-Ebb	S	1	18:08	10.37	8.25	30.38	21.4	2.8	8	112	0.3	SE
I6	20190213	Cloudy	Light	Mid-Ebb	S	1	18:09	10.44	8.38	30.47	21.4	2.87	8	114	0.3	SE
I7	20190213	Cloudy	Light	Mid-Ebb	B	9.8	18:03	10.47	8.44	30.01	21.3	3.5	8	114	0.39	SE
I7	20190213	Cloudy	Light	Mid-Ebb	B	9.8	18:03	10.46	8.25	30	21.5	3.51	8	114	0.41	SE
I7	20190213	Cloudy	Light	Mid-Ebb	M	5.4	18:04	10.45	8.4	30.09	21.5	3.37	8	114	0.3	SE
I7	20190213	Cloudy	Light	Mid-Ebb	M	5.4	18:04	10.42	8.46	30.07	21.4	3.35	8	113	0.32	SE
I7	20190213	Cloudy	Light	Mid-Ebb	S	1	18:04	10.43	8.31	29.99	21.4	2.6	9	113	0.25	SE
I7	20190213	Cloudy	Light	Mid-Ebb	S	1	18:05	10.43	8.19	30.07	21.3	2.64	9	113	0.25	SE
I8	20190213	Cloudy	Light	Mid-Ebb	B	10.1	17:58	10.08	8.29	31	21.5	4	3	114	0.36	SE
I8	20190213	Cloudy	Light	Mid-Ebb	B	10.1	17:59	9.98	8.41	30.94	21.5	3.9	3	113	0.34	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I8	20190213	Cloudy	Light	Mid-Ebb	M	5.6	17:59	10.04	8.18	30.96	21.3	3.33	5	113	0.3	SE
I8	20190213	Cloudy	Light	Mid-Ebb	M	5.6	17:59	10.09	8.03	31	21.3	3.41	4	114	0.28	SE
I8	20190213	Cloudy	Light	Mid-Ebb	S	1	18:00	10.11	8.32	31.08	21.3	2.88	5	112	0.27	SE
I8	20190213	Cloudy	Light	Mid-Ebb	S	1	18:00	10.1	8.02	30.99	21.3	2.95	6	113	0.27	SE
I9	20190213	Cloudy	Light	Mid-Ebb	B	10	17:54	10.84	8.26	30.41	21.3	3.95	9	112	0.39	SE
I9	20190213	Cloudy	Light	Mid-Ebb	B	10	17:54	10.94	8.46	30.36	21.3	3.89	9	113	0.37	SE
I9	20190213	Cloudy	Light	Mid-Ebb	M	5.5	17:54	11.01	8.27	30.42	21.4	3.02	8	113	0.32	SE
I9	20190213	Cloudy	Light	Mid-Ebb	M	5.5	17:55	10.92	8.5	30.42	21.5	3.03	9	114	0.32	SE
I9	20190213	Cloudy	Light	Mid-Ebb	S	1	17:55	10.99	8.17	30.37	21.3	2.91	9	113	0.28	SE
I9	20190213	Cloudy	Light	Mid-Ebb	S	1	17:55	11.09	8.34	30.32	21.5	2.99	8	114	0.3	SE
I10	20190213	Cloudy	Light	Mid-Ebb	B	10.8	17:49	10.88	8.1	30.87	21.3	3.8	6	114	0.39	SE
I10	20190213	Cloudy	Light	Mid-Ebb	B	10.8	17:49	10.89	8.25	30.81	21.5	3.83	7	114	0.37	SE
I10	20190213	Cloudy	Light	Mid-Ebb	M	5.9	17:50	10.83	8.37	30.71	21.3	3.35	6	113	0.32	SE
I10	20190213	Cloudy	Light	Mid-Ebb	M	5.9	17:50	10.93	8.31	30.8	21.3	3.32	6	112	0.32	SE
I10	20190213	Cloudy	Light	Mid-Ebb	S	1	17:50	10.89	8.37	30.7	21.4	2.93	6	114	0.26	SE
I10	20190213	Cloudy	Light	Mid-Ebb	S	1	17:51	10.91	8.29	30.68	21.5	2.85	6	113	0.25	SE
UC1	20190214	Sunny	Light	Mid-Flood	B	10.5	13:06	10.44	8.38	29.34	25	3.7	4	112	0.36	NW
UC1	20190214	Sunny	Light	Mid-Flood	B	10.5	13:06	10.54	8.14	29.71	25.2	3.63	3	111	0.34	NW
UC1	20190214	Sunny	Light	Mid-Flood	M	5.8	13:06	10.45	8.1	29.73	25	3.44	4	112	0.32	NW
UC1	20190214	Sunny	Light	Mid-Flood	M	5.8	13:07	10.54	8.17	29.98	25.1	3.45	4	112	0.34	NW
UC1	20190214	Sunny	Light	Mid-Flood	S	1	13:07	10.59	8.4	29.59	25.1	2.84	2	112	0.3	NW
UC1	20190214	Sunny	Light	Mid-Flood	S	1	13:07	10.61	8.45	29.41	25.2	2.78	3	113	0.32	NW
UC2	20190214	Sunny	Light	Mid-Flood	B	10	13:11	9.84	8.24	29.46	25	3.84	4	113	0.4	NW
UC2	20190214	Sunny	Light	Mid-Flood	B	10	13:11	9.88	8.42	29.65	25.2	3.81	5	112	0.4	NW
UC2	20190214	Sunny	Light	Mid-Flood	M	5.5	13:12	9.88	8.08	29.8	25.1	3.39	5	113	0.33	NW
UC2	20190214	Sunny	Light	Mid-Flood	M	5.5	13:12	9.79	8.19	29.29	25.2	3.4	4	112	0.31	NW
UC2	20190214	Sunny	Light	Mid-Flood	S	1	13:12	9.84	8.22	29.28	25.1	2.92	5	111	0.25	NW
UC2	20190214	Sunny	Light	Mid-Flood	S	1	13:13	9.94	8.46	29.2	25.2	2.85	6	112	0.27	NW
I1	20190214	Sunny	Light	Mid-Flood	B	9.8	13:18	9.81	8.06	29.99	25	3.62	5	112	0.37	NW
I1	20190214	Sunny	Light	Mid-Flood	B	9.8	13:18	9.72	8.06	29.46	25.1	3.67	5	112	0.37	NW
I1	20190214	Sunny	Light	Mid-Flood	M	5.4	13:19	9.73	8.19	29.86	25.1	3.12	5	113	0.34	NW
I1	20190214	Sunny	Light	Mid-Flood	M	5.4	13:19	9.68	8.13	29.31	25.1	3.19	5	112	0.34	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I1	20190214	Sunny	Light	Mid-Flood	S	1	13:20	9.71	8.13	29.6	25	2.67	6	113	0.27	NW
I1	20190214	Sunny	Light	Mid-Flood	S	1	13:20	9.81	8	29.31	25.1	2.72	5	113	0.26	NW
I2	20190214	Sunny	Light	Mid-Flood	B	9.5	13:22	9.5	8.5	29.73	25	3.71	6	113	0.37	NW
I2	20190214	Sunny	Light	Mid-Flood	B	9.5	13:23	9.52	8.11	29.96	25.2	3.64	7	113	0.37	NW
I2	20190214	Sunny	Light	Mid-Flood	M	5.3	13:23	9.5	8.5	29.7	25	3.31	6	113	0.34	NW
I2	20190214	Sunny	Light	Mid-Flood	M	5.3	13:24	9.48	8.28	29.02	25.1	3.27	7	113	0.36	NW
I2	20190214	Sunny	Light	Mid-Flood	S	1	13:24	9.5	8.31	29.73	25.1	2.82	7	112	0.26	NW
I2	20190214	Sunny	Light	Mid-Flood	S	1	13:24	9.44	8.18	29.6	25.2	2.79	7	112	0.27	NW
I3	20190214	Sunny	Light	Mid-Flood	B	10.5	13:26	9.9	8.06	29.56	25.1	3.54	5	113	0.36	NW
I3	20190214	Sunny	Light	Mid-Flood	B	10.5	13:26	9.96	8.23	29.8	25.2	3.53	4	114	0.38	NW
I3	20190214	Sunny	Light	Mid-Flood	M	5.8	13:26	9.92	8.31	29.42	25.1	3.2	3	112	0.3	NW
I3	20190214	Sunny	Light	Mid-Flood	M	5.8	13:27	10.01	8.25	29.05	25	3.2	4	113	0.3	NW
I3	20190214	Sunny	Light	Mid-Flood	S	1	13:27	10.11	8.48	29.2	25	2.91	4	111	0.3	NW
I3	20190214	Sunny	Light	Mid-Flood	S	1	13:28	10.02	8.23	29.06	25.1	2.94	4	112	0.32	NW
I4	20190214	Sunny	Light	Mid-Flood	B	9.5	13:31	10.47	8.17	29.44	25.1	3.77	7	113	0.37	NW
I4	20190214	Sunny	Light	Mid-Flood	B	9.5	13:31	10.44	8.06	29.46	25	3.79	7	112	0.39	NW
I4	20190214	Sunny	Light	Mid-Flood	M	5.3	13:32	10.44	8.46	29.15	25.1	3.07	5	113	0.32	NW
I4	20190214	Sunny	Light	Mid-Flood	M	5.3	13:32	10.34	8.19	29.29	25	3.15	6	113	0.3	NW
I4	20190214	Sunny	Light	Mid-Flood	S	1	13:33	10.35	8.07	29.91	25.1	2.66	7	113	0.28	NW
I4	20190214	Sunny	Light	Mid-Flood	S	1	13:33	10.38	8.31	29.37	25	2.68	6	112	0.3	NW
I5	20190214	Sunny	Light	Mid-Flood	B	9.6	13:35	9.51	8.01	29.73	25.1	3.78	5	114	0.39	NW
I5	20190214	Sunny	Light	Mid-Flood	B	9.6	13:36	9.55	8.2	29.19	25.1	3.69	4	112	0.41	NW
I5	20190214	Sunny	Light	Mid-Flood	M	5.3	13:36	9.46	8.02	29.1	25	3.28	5	112	0.33	NW
I5	20190214	Sunny	Light	Mid-Flood	M	5.3	13:36	9.55	8.06	29.56	25	3.18	4	112	0.31	NW
I5	20190214	Sunny	Light	Mid-Flood	S	1	13:37	9.49	8.34	29.38	25.1	2.89	6	114	0.27	NW
I5	20190214	Sunny	Light	Mid-Flood	S	1	13:37	9.42	8.18	29.45	25	2.84	6	113	0.25	NW
I6	20190214	Sunny	Light	Mid-Flood	B	9	14:01	9.77	8.19	29.06	25.2	3.91	5	113	0.36	NW
I6	20190214	Sunny	Light	Mid-Flood	B	9	14:01	9.79	8.26	29.52	25.2	3.87	4	114	0.37	NW
I6	20190214	Sunny	Light	Mid-Flood	M	5	14:01	9.72	8.01	29.61	25.1	3.29	5	112	0.3	NW
I6	20190214	Sunny	Light	Mid-Flood	M	5	14:02	9.64	8.44	29.81	25.1	3.31	4	114	0.29	NW
I6	20190214	Sunny	Light	Mid-Flood	S	1	14:02	9.7	8.36	29.71	25.1	2.68	5	114	0.26	NW
I6	20190214	Sunny	Light	Mid-Flood	S	1	14:03	9.6	8.5	29.69	25.2	2.78	6	112	0.27	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I7	20190214	Sunny	Light	Mid-Flood	B	9.7	13:57	10.5	8.12	29.62	25.1	3.65	4	112	0.4	NW
I7	20190214	Sunny	Light	Mid-Flood	B	9.7	13:57	10.49	8.35	29.12	25	3.6	6	114	0.41	NW
I7	20190214	Sunny	Light	Mid-Flood	M	5.4	13:58	10.47	8.32	29.4	25.1	3.21	6	112	0.32	NW
I7	20190214	Sunny	Light	Mid-Flood	M	5.4	13:58	10.4	8.43	29.44	25.2	3.11	5	113	0.32	NW
I7	20190214	Sunny	Light	Mid-Flood	S	1	13:58	10.45	8.13	29.8	25.2	2.63	7	113	0.29	NW
I7	20190214	Sunny	Light	Mid-Flood	S	1	13:59	10.43	8.04	29.3	25.2	2.57	7	113	0.31	NW
I8	20190214	Sunny	Light	Mid-Flood	B	9.4	13:52	10.27	8.34	29.91	25.2	3.73	6	113	0.38	NW
I8	20190214	Sunny	Light	Mid-Flood	B	9.4	13:53	10.33	8.17	29.75	25	3.68	6	112	0.39	NW
I8	20190214	Sunny	Light	Mid-Flood	M	5.2	13:53	10.32	8.06	29.31	25.1	3.28	4	113	0.31	NW
I8	20190214	Sunny	Light	Mid-Flood	M	5.2	13:53	10.35	8.25	29.93	25.1	3.28	5	113	0.31	NW
I8	20190214	Sunny	Light	Mid-Flood	S	1	13:54	10.29	8.22	29.6	25.1	2.91	3	113	0.25	NW
I8	20190214	Sunny	Light	Mid-Flood	S	1	13:54	10.32	8.3	29.06	25.1	2.98	3	112	0.25	NW
I9	20190214	Sunny	Light	Mid-Flood	B	9.9	13:46	10.26	8.45	29.86	25	3.63	6	114	0.35	NW
I9	20190214	Sunny	Light	Mid-Flood	B	9.9	13:46	10.26	8.23	29.81	25	3.64	7	113	0.37	NW
I9	20190214	Sunny	Light	Mid-Flood	M	5.5	13:46	10.32	8.1	29.04	25.2	3.44	6	112	0.35	NW
I9	20190214	Sunny	Light	Mid-Flood	M	5.5	13:47	10.27	8.14	29.98	25	3.48	6	114	0.37	NW
I9	20190214	Sunny	Light	Mid-Flood	S	1	13:47	10.2	8.3	29.08	25	2.73	4	111	0.26	NW
I9	20190214	Sunny	Light	Mid-Flood	S	1	13:47	10.16	8.37	29.02	25.1	2.79	4	113	0.26	NW
I10	20190214	Sunny	Light	Mid-Flood	B	10.2	13:39	10.39	8.33	29.24	25.2	3.69	6	112	0.4	NW
I10	20190214	Sunny	Light	Mid-Flood	B	10.2	13:39	10.43	8.09	29.5	25.2	3.75	6	113	0.42	NW
I10	20190214	Sunny	Light	Mid-Flood	M	5.6	13:40	10.48	8.02	29.87	25.2	3.46	9	112	0.33	NW
I10	20190214	Sunny	Light	Mid-Flood	M	5.6	13:40	10.51	8.21	29.68	25.2	3.52	8	114	0.34	NW
I10	20190214	Sunny	Light	Mid-Flood	S	1	13:40	10.44	8.21	29.34	25.1	2.51	8	113	0.25	NW
I10	20190214	Sunny	Light	Mid-Flood	S	1	13:41	10.34	8.06	29.66	25.1	2.41	8	112	0.23	NW
UC1	20190214	Cloudy	Moderate	Mid-Ebb	B	9.8	17:03	9.55	8.27	29.08	25	3.58	7	113	0.35	SE
UC1	20190214	Cloudy	Moderate	Mid-Ebb	B	9.8	17:03	9.45	8.28	29.25	25.1	3.55	8	114	0.34	SE
UC1	20190214	Cloudy	Moderate	Mid-Ebb	M	5.4	17:04	9.45	8.05	29.29	25.1	3.19	4	113	0.32	SE
UC1	20190214	Cloudy	Moderate	Mid-Ebb	M	5.4	17:04	9.35	8.12	29.27	25.2	3.28	5	113	0.33	SE
UC1	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:05	9.38	8.02	29.28	25	2.64	3	113	0.27	SE
UC1	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:05	9.42	8.3	29.58	25.2	2.55	3	112	0.29	SE
UC2	20190214	Cloudy	Moderate	Mid-Ebb	B	10.2	17:08	10.33	8.15	29.53	25.2	3.93	3	114	0.39	SE
UC2	20190214	Cloudy	Moderate	Mid-Ebb	B	10.2	17:09	10.3	8.3	29.88	25.1	3.86	4	113	0.38	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC2	20190214	Cloudy	Moderate	Mid-Ebb	M	5.6	17:09	10.34	8.2	29.76	25	3.24	6	113	0.35	SE
UC2	20190214	Cloudy	Moderate	Mid-Ebb	M	5.6	17:10	10.32	8.3	29.13	25	3.24	5	114	0.33	SE
UC2	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:10	10.28	8.09	29.6	25.2	2.59	4	113	0.26	SE
UC2	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:10	10.33	8.42	29.48	25.1	2.68	6	113	0.25	SE
I1	20190214	Cloudy	Moderate	Mid-Ebb	B	10.5	17:13	10.14	8.29	29.56	25.2	3.53	<2	112	0.38	SE
I1	20190214	Cloudy	Moderate	Mid-Ebb	B	10.5	17:13	10.24	8.34	29.8	25.1	3.61	<2	113	0.4	SE
I1	20190214	Cloudy	Moderate	Mid-Ebb	M	5.8	17:13	10.34	8.12	29.13	25.1	3.38	<2	113	0.3	SE
I1	20190214	Cloudy	Moderate	Mid-Ebb	M	5.8	17:14	10.35	8.34	29.92	25.1	3.33	2	114	0.28	SE
I1	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:14	10.29	8.46	29.56	25	2.87	2	112	0.25	SE
I1	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:15	10.3	8.2	29.06	25.1	2.95	2	113	0.23	SE
I2	20190214	Cloudy	Moderate	Mid-Ebb	B	9.7	17:17	10.42	8.01	29.47	25.2	3.91	5	112	0.37	SE
I2	20190214	Cloudy	Moderate	Mid-Ebb	B	9.7	17:17	10.32	8.47	29.05	25.1	3.9	4	112	0.35	SE
I2	20190214	Cloudy	Moderate	Mid-Ebb	M	5.4	17:18	10.38	8.41	29.15	25.1	3.44	3	112	0.3	SE
I2	20190214	Cloudy	Moderate	Mid-Ebb	M	5.4	17:18	10.32	8.06	29.26	25	3.42	3	113	0.29	SE
I2	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:19	10.24	8.31	29.73	25.2	2.89	2	113	0.3	SE
I2	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:19	10.26	8.22	30	25.1	2.84	3	114	0.31	SE
I3	20190214	Cloudy	Moderate	Mid-Ebb	B	10.3	17:22	10.49	8.24	29.04	25.2	3.66	4	112	0.38	SE
I3	20190214	Cloudy	Moderate	Mid-Ebb	B	10.3	17:23	10.47	8.35	29.6	25.1	3.6	5	112	0.39	SE
I3	20190214	Cloudy	Moderate	Mid-Ebb	M	5.7	17:23	10.37	8.2	29.71	25.2	3.47	4	111	0.32	SE
I3	20190214	Cloudy	Moderate	Mid-Ebb	M	5.7	17:23	10.36	8.49	29.4	25.1	3.54	4	112	0.3	SE
I3	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:24	10.46	8.44	29.54	25.2	3	4	113	0.26	SE
I3	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:24	10.37	8.04	29.69	25.1	3.06	4	112	0.27	SE
I4	20190214	Cloudy	Moderate	Mid-Ebb	B	10.4	17:26	10.19	8.44	29.17	25.2	3.82	6	112	0.37	SE
I4	20190214	Cloudy	Moderate	Mid-Ebb	B	10.4	17:26	10.11	8.09	29.48	25.2	3.78	7	112	0.37	SE
I4	20190214	Cloudy	Moderate	Mid-Ebb	M	5.7	17:26	10.06	8.33	29.1	25	3.12	4	113	0.35	SE
I4	20190214	Cloudy	Moderate	Mid-Ebb	M	5.7	17:27	10.09	8.3	29.7	25.1	3.04	5	113	0.34	SE
I4	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:27	10.11	8.12	29.9	25.1	2.66	3	112	0.3	SE
I4	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:28	10.15	8.17	29.84	25	2.63	3	113	0.29	SE
I5	20190214	Cloudy	Moderate	Mid-Ebb	B	9.6	17:31	9.78	8.21	29.65	25.2	3.81	2	112	0.39	SE
I5	20190214	Cloudy	Moderate	Mid-Ebb	B	9.6	17:31	9.68	8.48	29.37	25	3.78	<2	112	0.41	SE
I5	20190214	Cloudy	Moderate	Mid-Ebb	M	5.3	17:32	9.61	8.22	29.93	25.2	3	5	112	0.31	SE
I5	20190214	Cloudy	Moderate	Mid-Ebb	M	5.3	17:32	9.63	8.45	29.92	25.2	3.03	4	112	0.33	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I5	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:32	9.6	8.05	29.03	25.2	2.68	5	112	0.25	SE
I5	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:33	9.5	8.03	29.13	25.1	2.61	5	112	0.27	SE
I6	20190214	Cloudy	Moderate	Mid-Ebb	B	10.5	17:55	9.8	8.31	29.11	25	3.9	3	114	0.36	SE
I6	20190214	Cloudy	Moderate	Mid-Ebb	B	10.5	17:56	9.83	8.02	29.73	25.1	3.82	4	113	0.35	SE
I6	20190214	Cloudy	Moderate	Mid-Ebb	M	5.8	17:56	9.84	8.27	29.49	25	3.36	<2	113	0.3	SE
I6	20190214	Cloudy	Moderate	Mid-Ebb	M	5.8	17:56	9.92	8.06	29.5	25.2	3.39	<2	112	0.3	SE
I6	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:57	9.98	8.49	29.77	25	2.95	<2	113	0.3	SE
I6	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:57	10.07	8.43	29.17	25.2	2.85	<2	112	0.31	SE
I7	20190214	Cloudy	Moderate	Mid-Ebb	B	9.7	17:48	10.41	8	29.46	25.2	3.8	4	114	0.39	SE
I7	20190214	Cloudy	Moderate	Mid-Ebb	B	9.7	17:48	10.51	8.35	29.65	25.1	3.7	5	113	0.4	SE
I7	20190214	Cloudy	Moderate	Mid-Ebb	M	5.4	17:48	10.52	8.18	29.27	25	3.36	5	113	0.3	SE
I7	20190214	Cloudy	Moderate	Mid-Ebb	M	5.4	17:49	10.43	8.25	29.5	25.1	3.35	5	113	0.32	SE
I7	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:49	10.38	8.22	29.48	25.1	2.94	4	113	0.26	SE
I7	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:49	10.4	8.33	29.44	25.2	2.87	5	113	0.25	SE
I8	20190214	Cloudy	Moderate	Mid-Ebb	B	9.8	17:44	10.17	8.37	29.69	25.2	3.72	7	114	0.39	SE
I8	20190214	Cloudy	Moderate	Mid-Ebb	B	9.8	17:44	10.15	8.36	29.13	25.1	3.62	7	112	0.37	SE
I8	20190214	Cloudy	Moderate	Mid-Ebb	M	5.4	17:45	10.21	8	29.31	25	3.26	8	114	0.35	SE
I8	20190214	Cloudy	Moderate	Mid-Ebb	M	5.4	17:45	10.17	8.04	29.73	25.2	3.3	8	113	0.34	SE
I8	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:45	10.18	8.28	29.28	25.2	2.69	8	113	0.25	SE
I8	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:46	10.15	8.37	29.16	25.2	2.75	8	113	0.25	SE
I9	20190214	Cloudy	Moderate	Mid-Ebb	B	10.5	17:40	9.53	8.44	29.68	25.1	3.68	11	114	0.4	SE
I9	20190214	Cloudy	Moderate	Mid-Ebb	B	10.5	17:40	9.48	8.06	29.68	25.1	3.75	9	113	0.38	SE
I9	20190214	Cloudy	Moderate	Mid-Ebb	M	5.8	17:41	9.56	8.31	29.31	25.2	3.36	9	112	0.33	SE
I9	20190214	Cloudy	Moderate	Mid-Ebb	M	5.8	17:41	9.59	8.22	29.07	25.2	3.36	10	113	0.31	SE
I9	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:42	9.69	8.32	29.28	25.2	2.55	10	113	0.26	SE
I9	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:42	9.71	8.46	29.69	25.2	2.64	11	113	0.27	SE
I10	20190214	Cloudy	Moderate	Mid-Ebb	B	10.2	17:36	10.08	8.22	29.29	25	3.92	13	113	0.38	SE
I10	20190214	Cloudy	Moderate	Mid-Ebb	B	10.2	17:37	9.99	8.36	29.74	25.2	3.94	12	113	0.38	SE
I10	20190214	Cloudy	Moderate	Mid-Ebb	M	5.6	17:37	9.96	8.11	29.51	25.1	3.39	12	114	0.33	SE
I10	20190214	Cloudy	Moderate	Mid-Ebb	M	5.6	17:38	9.97	8.5	29.11	25.2	3.45	12	113	0.34	SE
I10	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:38	9.97	8.13	29.91	25.2	2.51	9	113	0.28	SE
I10	20190214	Cloudy	Moderate	Mid-Ebb	S	1	17:38	10.02	8.38	29.11	25	2.41	8	112	0.29	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC1	20190215	Cloudy	Light	Mid-Ebb	B	9.5	8:48	11.45	8.26	30.93	22.7	4.37	4	114	0.35	NW
UC1	20190215	Cloudy	Light	Mid-Ebb	B	9.5	8:48	11.37	8.44	30.01	22.6	4.31	4	114	0.34	NW
UC1	20190215	Cloudy	Light	Mid-Ebb	M	5.3	8:48	11.29	8.39	30.89	22.8	3.74	5	113	0.32	NW
UC1	20190215	Cloudy	Light	Mid-Ebb	M	5.3	8:49	11.4	8.33	30.21	22.8	3.81	4	115	0.3	NW
UC1	20190215	Cloudy	Light	Mid-Ebb	S	1	8:49	11.46	8.3	30.89	22.7	3.1	3	114	0.22	NW
UC1	20190215	Cloudy	Light	Mid-Ebb	S	1	8:49	11.3	8.43	30.55	22.8	3.08	4	115	0.24	NW
UC2	20190215	Cloudy	Light	Mid-Ebb	B	10.3	8:53	11.39	8.16	30.22	22.6	4.24	4	115	0.36	NW
UC2	20190215	Cloudy	Light	Mid-Ebb	B	10.3	8:53	11.48	8.02	30.41	22.8	4.2	2	116	0.36	NW
UC2	20190215	Cloudy	Light	Mid-Ebb	M	5.7	8:54	11.53	8.45	30.52	22.7	3.5	3	114	0.3	NW
UC2	20190215	Cloudy	Light	Mid-Ebb	M	5.7	8:54	11.68	8.03	30.14	22.6	3.58	3	115	0.29	NW
UC2	20190215	Cloudy	Light	Mid-Ebb	S	1	8:54	11.65	8.25	30.92	22.8	3.27	<2	115	0.17	NW
UC2	20190215	Cloudy	Light	Mid-Ebb	S	1	8:55	11.61	8.49	30.86	22.7	3.25	2	115	0.16	NW
I1	20190215	Cloudy	Light	Mid-Ebb	B	10.9	9:00	11.74	8.24	30.73	22.8	4.06	3	115	0.42	NW
I1	20190215	Cloudy	Light	Mid-Ebb	B	10.9	9:00	11.73	8.31	30.98	22.7	4.16	<2	114	0.43	NW
I1	20190215	Cloudy	Light	Mid-Ebb	M	6	9:01	11.76	8.19	30.57	22.8	3.57	4	114	0.28	NW
I1	20190215	Cloudy	Light	Mid-Ebb	M	6	9:01	11.65	8.22	30.27	22.6	3.67	<2	116	0.29	NW
I1	20190215	Cloudy	Light	Mid-Ebb	S	1	9:02	11.59	8.32	30.41	22.7	3.47	<2	117	0.2	NW
I1	20190215	Cloudy	Light	Mid-Ebb	S	1	9:02	11.78	8.36	30.27	22.8	3.4	4	116	0.2	NW
I2	20190215	Cloudy	Light	Mid-Ebb	B	10.7	9:04	11.59	8.46	30.27	22.7	4.16	4	116	0.37	NW
I2	20190215	Cloudy	Light	Mid-Ebb	B	10.7	9:05	11.59	8.03	30.1	22.8	4.06	5	115	0.36	NW
I2	20190215	Cloudy	Light	Mid-Ebb	M	5.9	9:05	11.65	8.45	30.28	22.8	3.63	5	115	0.3	NW
I2	20190215	Cloudy	Light	Mid-Ebb	M	5.9	9:06	11.52	8.38	30.21	22.8	3.56	4	116	0.28	NW
I2	20190215	Cloudy	Light	Mid-Ebb	S	1	9:06	11.4	8.48	30.35	22.6	3.26	<2	115	0.15	NW
I2	20190215	Cloudy	Light	Mid-Ebb	S	1	9:06	11.31	8.37	30.48	22.6	3.2	3	116	0.17	NW
I3	20190215	Cloudy	Light	Mid-Ebb	B	10.2	9:10	11.72	8.07	30.9	22.8	4.29	5	113	0.35	NW
I3	20190215	Cloudy	Light	Mid-Ebb	B	10.2	9:10	11.8	8.09	30.56	22.8	4.21	5	115	0.35	NW
I3	20190215	Cloudy	Light	Mid-Ebb	M	5.6	9:10	11.86	8.18	30.83	22.8	3.83	5	114	0.27	NW
I3	20190215	Cloudy	Light	Mid-Ebb	M	5.6	9:11	11.68	8.44	30.55	22.7	3.86	4	114	0.26	NW
I3	20190215	Cloudy	Light	Mid-Ebb	S	1	9:11	11.71	8.23	30.9	22.8	3.37	3	115	0.24	NW
I3	20190215	Cloudy	Light	Mid-Ebb	S	1	9:12	11.91	8	30.76	22.6	3.27	<2	113	0.22	NW
I4	20190215	Cloudy	Light	Mid-Ebb	B	10.7	9:14	11.36	8.17	30.35	22.6	4.12	<2	116	0.35	NW
I4	20190215	Cloudy	Light	Mid-Ebb	B	10.7	9:14	11.42	8.09	31	22.8	4.05	2	116	0.36	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I4	20190215	Cloudy	Light	Mid-Ebb	M	5.9	9:15	11.35	8.47	30	22.6	3.93	2	114	0.27	NW
I4	20190215	Cloudy	Light	Mid-Ebb	M	5.9	9:15	11.23	8.41	30.43	22.6	3.91	<2	115	0.28	NW
I4	20190215	Cloudy	Light	Mid-Ebb	S	1	9:16	11.23	8.47	30.22	22.6	3.15	4	115	0.16	NW
I4	20190215	Cloudy	Light	Mid-Ebb	S	1	9:16	11.14	8.37	30.77	22.7	3.13	4	115	0.18	NW
I5	20190215	Cloudy	Light	Mid-Ebb	B	10.5	9:19	11.99	8.26	30.87	22.6	4.44	4	113	0.38	NW
I5	20190215	Cloudy	Light	Mid-Ebb	B	10.5	9:20	12.09	8.09	30.46	22.8	4.49	3	113	0.38	NW
I5	20190215	Cloudy	Light	Mid-Ebb	M	5.8	9:20	12.18	8.41	30.94	22.6	3.53	<2	114	0.34	NW
I5	20190215	Cloudy	Light	Mid-Ebb	M	5.8	9:20	12.22	8.39	30.04	22.7	3.61	2	116	0.36	NW
I5	20190215	Cloudy	Light	Mid-Ebb	S	1	9:21	12.08	8.19	30.48	22.7	3.24	3	115	0.21	NW
I5	20190215	Cloudy	Light	Mid-Ebb	S	1	9:21	12.03	8.43	30.12	22.8	3.3	2	115	0.2	NW
I6	20190215	Cloudy	Light	Mid-Ebb	B	9.2	9:45	11.92	8.14	30.49	22.7	4.2	2	115	0.4	NW
I6	20190215	Cloudy	Light	Mid-Ebb	B	9.2	9:45	12.02	8.16	30.7	22.7	4.11	<2	114	0.38	NW
I6	20190215	Cloudy	Light	Mid-Ebb	M	5.1	9:45	12.08	8.27	30.33	22.6	3.52	<2	114	0.3	NW
I6	20190215	Cloudy	Light	Mid-Ebb	M	5.1	9:46	12.01	8.47	30.74	22.7	3.55	3	115	0.32	NW
I6	20190215	Cloudy	Light	Mid-Ebb	S	1	9:46	12.04	8.43	30	22.8	3.48	<2	114	0.17	NW
I6	20190215	Cloudy	Light	Mid-Ebb	S	1	9:47	12.17	8.22	30.24	22.8	3.47	3	115	0.19	NW
I7	20190215	Cloudy	Light	Mid-Ebb	B	10.4	9:39	11.4	8.05	30.23	22.8	4.41	5	114	0.36	NW
I7	20190215	Cloudy	Light	Mid-Ebb	B	10.4	9:39	11.49	8.32	30.14	22.8	4.47	5	115	0.35	NW
I7	20190215	Cloudy	Light	Mid-Ebb	M	5.7	9:40	11.33	8.12	30.09	22.8	3.96	<2	115	0.35	NW
I7	20190215	Cloudy	Light	Mid-Ebb	M	5.7	9:40	11.52	8.48	30.93	22.7	4.05	3	114	0.34	NW
I7	20190215	Cloudy	Light	Mid-Ebb	S	1	9:40	11.45	8.21	30.48	22.6	3.48	2	114	0.21	NW
I7	20190215	Cloudy	Light	Mid-Ebb	S	1	9:41	11.38	8.49	30.99	22.8	3.4	<2	114	0.23	NW
I8	20190215	Cloudy	Light	Mid-Ebb	B	9.8	9:35	11.57	8.39	30.08	22.7	4.46	3	115	0.44	NW
I8	20190215	Cloudy	Light	Mid-Ebb	B	9.8	9:36	11.64	8.16	30.53	22.7	4.38	4	116	0.42	NW
I8	20190215	Cloudy	Light	Mid-Ebb	M	5.4	9:36	11.54	8.3	30.27	22.8	3.77	3	114	0.29	NW
I8	20190215	Cloudy	Light	Mid-Ebb	M	5.4	9:36	11.74	8.07	30.99	22.8	3.83	2	115	0.27	NW
I8	20190215	Cloudy	Light	Mid-Ebb	S	1	9:37	11.67	8.02	30.58	22.6	3.1	4	113	0.18	NW
I8	20190215	Cloudy	Light	Mid-Ebb	S	1	9:37	11.7	8.36	30.09	22.7	3.04	4	114	0.18	NW
I9	20190215	Cloudy	Light	Mid-Ebb	B	10.9	9:30	11.65	8.48	30.72	22.6	4.33	3	114	0.4	NW
I9	20190215	Cloudy	Light	Mid-Ebb	B	10.9	9:30	11.47	8.45	30.8	22.7	4.26	3	116	0.38	NW
I9	20190215	Cloudy	Light	Mid-Ebb	M	6	9:30	11.6	8.15	30.66	22.8	3.67	<2	114	0.34	NW
I9	20190215	Cloudy	Light	Mid-Ebb	M	6	9:31	11.65	8.12	30.05	22.7	3.71	2	116	0.36	NW



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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I9	20190215	Cloudy	Light	Mid-Ebb	S	1	9:31	11.47	8.03	30.21	22.8	3.45	3	114	0.16	NW
I9	20190215	Cloudy	Light	Mid-Ebb	S	1	9:31	11.31	8.36	30.64	22.6	3.41	2	114	0.18	NW
I10	20190215	Cloudy	Light	Mid-Ebb	B	10.5	9:24	11.02	8.29	30.95	22.8	4.16	3	115	0.45	NW
I10	20190215	Cloudy	Light	Mid-Ebb	B	10.5	9:24	11.02	8.29	30.53	22.8	4.25	<2	116	0.47	NW
I10	20190215	Cloudy	Light	Mid-Ebb	M	5.8	9:25	11.21	8.15	30.4	22.7	3.5	3	115	0.34	NW
I10	20190215	Cloudy	Light	Mid-Ebb	M	5.8	9:25	11.41	8.04	30.28	22.8	3.5	3	113	0.34	NW
I10	20190215	Cloudy	Light	Mid-Ebb	S	1	9:25	11.39	8.39	30.88	22.6	3.25	<2	114	0.22	NW
I10	20190215	Cloudy	Light	Mid-Ebb	S	1	9:26	11.44	8.13	30.08	22.6	3.24	<2	115	0.22	NW
UC1	20190215	Sunny	Calm	Mid-Flood	B	10.5	12:40	11.56	8.35	30.5	22.7	4.25	<2	115	0.41	SE
UC1	20190215	Sunny	Calm	Mid-Flood	B	10.5	12:40	11.63	8.08	30.5	22.6	4.18	<2	115	0.4	SE
UC1	20190215	Sunny	Calm	Mid-Flood	M	5.8	12:41	11.51	8.3	30.68	22.8	3.86	<2	116	0.33	SE
UC1	20190215	Sunny	Calm	Mid-Flood	M	5.8	12:41	11.33	8.45	30.03	22.6	3.96	2	116	0.32	SE
UC1	20190215	Sunny	Calm	Mid-Flood	S	1	12:42	11.44	8.03	30.66	22.6	3.44	3	115	0.25	SE
UC1	20190215	Sunny	Calm	Mid-Flood	S	1	12:42	11.39	8.13	30.82	22.7	3.34	2	116	0.26	SE
UC2	20190215	Sunny	Calm	Mid-Flood	B	10.3	12:45	11.88	8.24	30.81	22.7	4.42	<2	116	0.44	SE
UC2	20190215	Sunny	Calm	Mid-Flood	B	10.3	12:46	11.72	8.25	30.72	22.8	4.5	2	115	0.44	SE
UC2	20190215	Sunny	Calm	Mid-Flood	M	5.7	12:46	11.68	8.45	30.67	22.7	3.82	<2	115	0.35	SE
UC2	20190215	Sunny	Calm	Mid-Flood	M	5.7	12:47	11.69	8.5	30.89	22.7	3.82	2	116	0.37	SE
UC2	20190215	Sunny	Calm	Mid-Flood	S	1	12:47	11.87	8.49	30.92	22.6	3.31	<2	116	0.25	SE
UC2	20190215	Sunny	Calm	Mid-Flood	S	1	12:47	12.01	8.25	30.31	22.6	3.27	<2	115	0.24	SE
I1	20190215	Sunny	Calm	Mid-Flood	B	9	12:53	11.04	8.18	30.37	22.7	4.03	<2	116	0.42	SE
I1	20190215	Sunny	Calm	Mid-Flood	B	9	12:53	11.17	8.03	30.66	22.6	4.08	3	114	0.42	SE
I1	20190215	Sunny	Calm	Mid-Flood	M	5	12:53	11.36	8.28	30.26	22.7	3.83	3	115	0.33	SE
I1	20190215	Sunny	Calm	Mid-Flood	M	5	12:54	11.21	8.48	30.55	22.8	3.79	2	115	0.32	SE
I1	20190215	Sunny	Calm	Mid-Flood	S	1	12:54	11.01	8.46	30.32	22.6	3.23	3	115	0.15	SE
I1	20190215	Sunny	Calm	Mid-Flood	S	1	12:55	11.13	8.35	30.68	22.8	3.22	2	114	0.14	SE
I2	20190215	Sunny	Calm	Mid-Flood	B	10.6	12:56	11.51	8.17	30.69	22.6	4.21	2	115	0.36	SE
I2	20190215	Sunny	Calm	Mid-Flood	B	10.6	12:56	11.66	8.42	30.93	22.7	4.21	3	115	0.36	SE
I2	20190215	Sunny	Calm	Mid-Flood	M	5.8	12:57	11.57	8.05	30.43	22.6	3.62	<2	115	0.25	SE
I2	20190215	Sunny	Calm	Mid-Flood	M	5.8	12:57	11.54	8.23	30.16	22.7	3.57	<2	116	0.23	SE
I2	20190215	Sunny	Calm	Mid-Flood	S	1	12:58	11.52	8.04	30.62	22.7	3.04	2	117	0.25	SE
I2	20190215	Sunny	Calm	Mid-Flood	S	1	12:58	11.34	8.25	30.57	22.6	3.01	<2	115	0.23	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I3	20190215	Sunny	Calm	Mid-Flood	B	9.4	13:00	11.93	8.42	30.4	22.6	4.2	3	115	0.43	SE
I3	20190215	Sunny	Calm	Mid-Flood	B	9.4	13:01	12.03	8.24	30.78	22.8	4.17	2	116	0.45	SE
I3	20190215	Sunny	Calm	Mid-Flood	M	5.2	13:01	11.9	8.29	31	22.7	3.91	2	115	0.32	SE
I3	20190215	Sunny	Calm	Mid-Flood	M	5.2	13:01	11.82	8.38	30.11	22.6	3.92	3	114	0.31	SE
I3	20190215	Sunny	Calm	Mid-Flood	S	1	13:02	11.7	8.02	30.56	22.7	3.35	2	115	0.2	SE
I3	20190215	Sunny	Calm	Mid-Flood	S	1	13:02	11.68	8.38	30.79	22.6	3.26	<2	114	0.19	SE
I4	20190215	Sunny	Calm	Mid-Flood	B	9.8	13:05	11.18	8.18	30.95	22.8	4.05	2	116	0.44	SE
I4	20190215	Sunny	Calm	Mid-Flood	B	9.8	13:05	11.06	8.36	30.36	22.8	4.13	<2	114	0.45	SE
I4	20190215	Sunny	Calm	Mid-Flood	M	5.4	13:05	10.88	8.13	30.66	22.7	3.74	2	115	0.32	SE
I4	20190215	Sunny	Calm	Mid-Flood	M	5.4	13:06	11.01	8.17	30.78	22.8	3.66	<2	115	0.34	SE
I4	20190215	Sunny	Calm	Mid-Flood	S	1	13:06	10.92	8.02	30.05	22.8	3	2	116	0.21	SE
I4	20190215	Sunny	Calm	Mid-Flood	S	1	13:07	11.04	8.21	30.3	22.6	3.08	2	115	0.19	SE
I5	20190215	Sunny	Calm	Mid-Flood	B	11	13:10	11.67	8.1	30.68	22.7	4.05	3	115	0.42	SE
I5	20190215	Sunny	Calm	Mid-Flood	B	11	13:10	11.73	8.4	30.48	22.6	4.02	3	115	0.41	SE
I5	20190215	Sunny	Calm	Mid-Flood	M	6	13:11	11.84	8	30.41	22.6	3.96	2	116	0.31	SE
I5	20190215	Sunny	Calm	Mid-Flood	M	6	13:11	11.7	8.39	30.49	22.8	3.91	3	114	0.3	SE
I5	20190215	Sunny	Calm	Mid-Flood	S	1	13:11	11.6	8.39	30.3	22.6	3.13	2	114	0.2	SE
I5	20190215	Sunny	Calm	Mid-Flood	S	1	13:12	11.54	8.02	30.56	22.8	3.11	4	114	0.2	SE
I6	20190215	Sunny	Calm	Mid-Flood	B	9	13:32	11.72	8.02	30.34	22.8	4.17	<2	113	0.38	SE
I6	20190215	Sunny	Calm	Mid-Flood	B	9	13:33	11.9	8	30.43	22.8	4.22	<2	114	0.39	SE
I6	20190215	Sunny	Calm	Mid-Flood	M	5	13:33	11.85	8.16	30.48	22.8	3.7	3	115	0.32	SE
I6	20190215	Sunny	Calm	Mid-Flood	M	5	13:33	11.72	8.02	30.41	22.7	3.67	<2	113	0.31	SE
I6	20190215	Sunny	Calm	Mid-Flood	S	1	13:34	11.78	8.47	30.66	22.8	3.18	3	116	0.17	SE
I6	20190215	Sunny	Calm	Mid-Flood	S	1	13:34	11.93	8.04	30.71	22.8	3.2	3	116	0.18	SE
I7	20190215	Sunny	Calm	Mid-Flood	B	9.2	13:27	11.71	8.15	30.42	22.8	4	4	114	0.43	SE
I7	20190215	Sunny	Calm	Mid-Flood	B	9.2	13:27	11.75	8.11	30.31	22.6	3.99	3	112	0.43	SE
I7	20190215	Sunny	Calm	Mid-Flood	M	5.1	13:27	11.86	8.04	30.92	22.7	3.76	4	114	0.27	SE
I7	20190215	Sunny	Calm	Mid-Flood	M	5.1	13:28	11.95	8.01	30.99	22.6	3.86	5	114	0.27	SE
I7	20190215	Sunny	Calm	Mid-Flood	S	1	13:28	11.89	8.1	30.39	22.8	3.5	3	115	0.2	SE
I7	20190215	Sunny	Calm	Mid-Flood	S	1	13:28	12.07	8.17	30.1	22.7	3.44	3	113	0.21	SE
I8	20190215	Sunny	Calm	Mid-Flood	B	9.7	13:22	11.55	8.33	30.71	22.7	4.16	<2	115	0.35	SE
I8	20190215	Sunny	Calm	Mid-Flood	B	9.7	13:22	11.65	8.39	30.66	22.8	4.26	<2	114	0.36	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I8	20190215	Sunny	Calm	Mid-Flood	M	5.4	13:23	11.52	8.05	30.69	22.6	3.68	2	114	0.32	SE
I8	20190215	Sunny	Calm	Mid-Flood	M	5.4	13:23	11.49	8.02	30.09	22.8	3.69	3	113	0.33	SE
I8	20190215	Sunny	Calm	Mid-Flood	S	1	13:23	11.45	8.17	30.29	22.8	3.36	2	112	0.21	SE
I8	20190215	Sunny	Calm	Mid-Flood	S	1	13:24	11.32	8.02	30.53	22.6	3.41	2	112	0.2	SE
I9	20190215	Sunny	Calm	Mid-Flood	B	9.9	13:18	11.61	8.45	30.49	22.8	4.46	<2	115	0.44	SE
I9	20190215	Sunny	Calm	Mid-Flood	B	9.9	13:18	11.65	8.37	30.83	22.6	4.37	2	113	0.42	SE
I9	20190215	Sunny	Calm	Mid-Flood	M	5.5	13:19	11.71	8.18	30.42	22.6	3.88	2	115	0.27	SE
I9	20190215	Sunny	Calm	Mid-Flood	M	5.5	13:19	11.77	8.07	30.05	22.8	3.84	3	115	0.25	SE
I9	20190215	Sunny	Calm	Mid-Flood	S	1	13:20	11.8	8.41	30.3	22.7	3.5	4	114	0.18	SE
I9	20190215	Sunny	Calm	Mid-Flood	S	1	13:20	11.95	8.38	30.83	22.7	3.52	4	116	0.16	SE
I10	20190215	Sunny	Calm	Mid-Flood	B	10.6	13:14	11.99	8.12	30.93	22.8	4.48	3	114	0.42	SE
I10	20190215	Sunny	Calm	Mid-Flood	B	10.6	13:15	12.17	8.29	30.5	22.8	4.56	3	114	0.4	SE
I10	20190215	Sunny	Calm	Mid-Flood	M	5.8	13:15	12.16	8.15	30.35	22.8	3.6	5	113	0.26	SE
I10	20190215	Sunny	Calm	Mid-Flood	M	5.8	13:16	12.02	8.03	30.87	22.7	3.7	4	114	0.27	SE
I10	20190215	Sunny	Calm	Mid-Flood	S	1	13:16	12.22	8.25	30.52	22.7	3.12	4	115	0.24	SE
I10	20190215	Sunny	Calm	Mid-Flood	S	1	13:16	12.12	8.22	30.44	22.7	3.02	5	115	0.24	SE
UC1	20190216	Sunny	Calm	Mid-Ebb	B	9.5	9:17	9.66	8.43	30.44	23.5	3.72	<2	114	0.44	SE
UC1	20190216	Sunny	Calm	Mid-Ebb	B	9.5	9:17	9.74	8.4	30.11	23.5	3.78	<2	114	0.43	SE
UC1	20190216	Sunny	Calm	Mid-Ebb	M	5.3	9:18	9.89	8.44	30.46	23.7	3.19	<2	113	0.31	SE
UC1	20190216	Sunny	Calm	Mid-Ebb	M	5.3	9:18	10.09	8.06	30.07	23.5	3.29	<2	113	0.32	SE
UC1	20190216	Sunny	Calm	Mid-Ebb	S	1	9:19	9.94	8.29	30.17	23.5	2.57	<2	114	0.21	SE
UC1	20190216	Sunny	Calm	Mid-Ebb	S	1	9:19	9.82	8.28	30.12	23.6	2.62	<2	114	0.19	SE
UC2	20190216	Sunny	Calm	Mid-Ebb	B	9.6	9:25	9.6	8.23	30.76	23.5	3.63	<2	114	0.41	SE
UC2	20190216	Sunny	Calm	Mid-Ebb	B	9.6	9:25	9.76	8.28	30.95	23.6	3.62	<2	112	0.41	SE
UC2	20190216	Sunny	Calm	Mid-Ebb	M	5.3	9:26	9.92	8.19	30.72	23.6	3.12	<2	113	0.3	SE
UC2	20190216	Sunny	Calm	Mid-Ebb	M	5.3	9:26	10.05	8.28	30.8	23.5	3.16	<2	113	0.32	SE
UC2	20190216	Sunny	Calm	Mid-Ebb	S	1	9:27	9.95	8.3	30.87	23.6	2.52	<2	114	0.27	SE
UC2	20190216	Sunny	Calm	Mid-Ebb	S	1	9:27	10.05	8.45	30.54	23.7	2.51	<2	114	0.25	SE
I1	20190216	Sunny	Calm	Mid-Ebb	B	10.7	10:08	9.55	8.26	30.54	23.5	3.93	<2	114	0.49	SE
I1	20190216	Sunny	Calm	Mid-Ebb	B	10.7	10:08	9.62	8	30.04	23.6	3.92	<2	113	0.47	SE
I1	20190216	Sunny	Calm	Mid-Ebb	M	5.9	10:09	9.53	8.25	30.08	23.6	3.14	<2	114	0.37	SE
I1	20190216	Sunny	Calm	Mid-Ebb	M	5.9	10:09	9.73	8.09	30.8	23.6	3.04	2	112	0.36	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I1	20190216	Sunny	Calm	Mid-Ebb	S	1	10:10	9.55	8.31	30.88	23.5	2.54	<2	114	0.23	SE
I1	20190216	Sunny	Calm	Mid-Ebb	S	1	10:10	9.63	8.26	30.07	23.6	2.59	<2	113	0.24	SE
I2	20190216	Sunny	Calm	Mid-Ebb	B	10.9	10:01	10.18	8	30.9	23.5	3.85	<2	113	0.45	SE
I2	20190216	Sunny	Calm	Mid-Ebb	B	10.9	10:01	10.24	8.11	30.03	23.6	3.91	<2	113	0.43	SE
I2	20190216	Sunny	Calm	Mid-Ebb	M	6	10:02	10.08	8.36	30.14	23.7	3.5	3	113	0.34	SE
I2	20190216	Sunny	Calm	Mid-Ebb	M	6	10:02	10.14	8.07	30.57	23.6	3.42	2	112	0.32	SE
I2	20190216	Sunny	Calm	Mid-Ebb	S	1	10:03	10.01	8.17	30.48	23.5	3	<2	112	0.22	SE
I2	20190216	Sunny	Calm	Mid-Ebb	S	1	10:03	10.19	8.27	30.67	23.6	3.07	<2	113	0.24	SE
I3	20190216	Sunny	Calm	Mid-Ebb	B	9.8	9:52	10.11	8.35	30.23	23.6	3.95	<2	114	0.5	SE
I3	20190216	Sunny	Calm	Mid-Ebb	B	9.8	9:52	10.25	8.03	30.92	23.6	3.89	<2	113	0.48	SE
I3	20190216	Sunny	Calm	Mid-Ebb	M	5.4	9:53	10.14	8.3	30.84	23.7	3.4	<2	114	0.37	SE
I3	20190216	Sunny	Calm	Mid-Ebb	M	5.4	9:53	10.05	8.17	30.15	23.7	3.41	<2	113	0.37	SE
I3	20190216	Sunny	Calm	Mid-Ebb	S	1	9:54	9.88	8.1	30.52	23.7	2.55	3	114	0.26	SE
I3	20190216	Sunny	Calm	Mid-Ebb	S	1	9:54	9.95	8.09	30.17	23.5	2.62	2	113	0.25	SE
I4	20190216	Sunny	Calm	Mid-Ebb	B	9.9	9:45	10.37	8	30.41	23.6	3.64	<2	113	0.49	SE
I4	20190216	Sunny	Calm	Mid-Ebb	B	9.9	9:46	10.23	8.27	30.52	23.7	3.66	<2	113	0.49	SE
I4	20190216	Sunny	Calm	Mid-Ebb	M	5.5	9:46	10.11	8.31	30.82	23.7	3.34	<2	113	0.33	SE
I4	20190216	Sunny	Calm	Mid-Ebb	M	5.5	9:47	10.15	8.24	30.67	23.6	3.29	<2	113	0.35	SE
I4	20190216	Sunny	Calm	Mid-Ebb	S	1	9:47	10.19	8.47	30.25	23.5	2.73	<2	113	0.25	SE
I4	20190216	Sunny	Calm	Mid-Ebb	S	1	9:48	10.16	8.18	30.47	23.6	2.67	<2	113	0.24	SE
I5	20190216	Sunny	Calm	Mid-Ebb	B	10.8	9:38	9.74	8.04	30.3	23.5	3.7	<2	113	0.43	SE
I5	20190216	Sunny	Calm	Mid-Ebb	B	10.8	9:39	9.73	8.26	30.07	23.5	3.67	<2	113	0.44	SE
I5	20190216	Sunny	Calm	Mid-Ebb	M	5.9	9:39	9.84	8.02	30.38	23.7	3.27	<2	113	0.33	SE
I5	20190216	Sunny	Calm	Mid-Ebb	M	5.9	9:40	9.99	8.26	30.33	23.6	3.32	<2	113	0.33	SE
I5	20190216	Sunny	Calm	Mid-Ebb	S	1	9:40	9.9	8.49	30.7	23.7	2.98	<2	114	0.22	SE
I5	20190216	Sunny	Calm	Mid-Ebb	S	1	9:41	10.08	8.33	30.07	23.7	2.95	<2	113	0.2	SE
I6	20190216	Sunny	Calm	Mid-Ebb	B	10.2	10:15	10.36	8.21	30.58	23.5	3.63	<2	113	0.45	SE
I6	20190216	Sunny	Calm	Mid-Ebb	B	10.2	10:16	10.56	8.39	30.2	23.6	3.57	<2	114	0.45	SE
I6	20190216	Sunny	Calm	Mid-Ebb	M	5.6	10:16	10.76	8.43	30.58	23.6	3.29	<2	114	0.35	SE
I6	20190216	Sunny	Calm	Mid-Ebb	M	5.6	10:17	10.77	8.49	30.12	23.6	3.31	2	113	0.36	SE
I6	20190216	Sunny	Calm	Mid-Ebb	S	1	10:17	10.7	8.06	30.91	23.5	2.65	<2	114	0.26	SE
I6	20190216	Sunny	Calm	Mid-Ebb	S	1	10:18	10.67	8.08	30.44	23.5	2.63	<2	113	0.25	SE

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

Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I7	20190216	Sunny	Calm	Mid-Ebb	B	10.8	10:24	10.46	8.28	30.53	23.6	3.55	<2	113	0.44	SE
I7	20190216	Sunny	Calm	Mid-Ebb	B	10.8	10:25	10.65	8.15	30.3	23.5	3.6	<2	112	0.45	SE
I7	20190216	Sunny	Calm	Mid-Ebb	M	5.9	10:25	10.8	8.5	30.87	23.7	3.38	<2	112	0.39	SE
I7	20190216	Sunny	Calm	Mid-Ebb	M	5.9	10:26	10.87	8.02	30.31	23.7	3.41	<2	113	0.38	SE
I7	20190216	Sunny	Calm	Mid-Ebb	S	1	10:26	11.04	8.01	30.04	23.7	2.71	<2	115	0.28	SE
I7	20190216	Sunny	Calm	Mid-Ebb	S	1	10:27	10.9	8.11	31	23.5	2.66	<2	114	0.26	SE
I8	20190216	Sunny	Calm	Mid-Ebb	B	10	10:32	9.78	8.42	30.13	23.6	3.93	<2	113	0.45	SE
I8	20190216	Sunny	Calm	Mid-Ebb	B	10	10:33	9.7	8.5	30.46	23.5	3.85	<2	114	0.43	SE
I8	20190216	Sunny	Calm	Mid-Ebb	M	5.5	10:33	9.84	8.49	30.17	23.6	3.35	<2	113	0.35	SE
I8	20190216	Sunny	Calm	Mid-Ebb	M	5.5	10:34	9.98	8.26	30.61	23.7	3.35	<2	114	0.36	SE
I8	20190216	Sunny	Calm	Mid-Ebb	S	1	10:34	10.17	8.18	30.87	23.7	2.68	<2	114	0.27	SE
I8	20190216	Sunny	Calm	Mid-Ebb	S	1	10:35	10	8.12	30.18	23.6	2.71	<2	113	0.27	SE
I9	20190216	Sunny	Calm	Mid-Ebb	B	10.6	10:39	9.99	8.46	30.02	23.7	3.97	<2	113	0.49	SE
I9	20190216	Sunny	Calm	Mid-Ebb	B	10.6	10:39	9.83	8.39	30.44	23.7	3.88	<2	113	0.51	SE
I9	20190216	Sunny	Calm	Mid-Ebb	M	5.8	10:40	9.91	8.19	30.55	23.5	3.04	<2	113	0.32	SE
I9	20190216	Sunny	Calm	Mid-Ebb	M	5.8	10:40	9.95	8.28	30.95	23.7	3.12	<2	112	0.31	SE
I9	20190216	Sunny	Calm	Mid-Ebb	S	1	10:41	9.78	8.15	30.33	23.7	2.58	<2	114	0.21	SE
I9	20190216	Sunny	Calm	Mid-Ebb	S	1	10:41	9.86	8.03	30.58	23.7	2.59	<2	113	0.19	SE
I10	20190216	Sunny	Calm	Mid-Ebb	B	9.3	10:45	10.27	8.25	30.64	23.5	3.84	<2	114	0.43	SE
I10	20190216	Sunny	Calm	Mid-Ebb	B	9.3	10:45	10.11	8.08	30.55	23.6	3.94	<2	114	0.41	SE
I10	20190216	Sunny	Calm	Mid-Ebb	M	5.2	10:46	10.09	8.38	30.82	23.7	3.1	<2	114	0.34	SE
I10	20190216	Sunny	Calm	Mid-Ebb	M	5.2	10:46	9.89	8.39	30.12	23.6	3.16	<2	113	0.35	SE
I10	20190216	Sunny	Calm	Mid-Ebb	S	1	10:47	9.95	8.25	30.07	23.7	2.56	<2	114	0.23	SE
I10	20190216	Sunny	Calm	Mid-Ebb	S	1	10:47	9.81	8.1	30.33	23.6	2.48	<2	114	0.25	SE
UC1	20190216	Sunny	Light	Mid-Flood	B	9.2	13:01	9.67	8.43	30	23.5	3.53	3	114	0.49	NW
UC1	20190216	Sunny	Light	Mid-Flood	B	9.2	13:01	9.66	8.43	30.9	23.5	3.46	3	113	0.5	NW
UC1	20190216	Sunny	Light	Mid-Flood	M	5.1	13:02	9.57	8.42	30.46	23.7	3.15	4	113	0.33	NW
UC1	20190216	Sunny	Light	Mid-Flood	M	5.1	13:02	9.55	8.39	30.77	23.6	3.09	3	113	0.31	NW
UC1	20190216	Sunny	Light	Mid-Flood	S	1	13:03	9.74	8.09	30.56	23.6	2.88	3	112	0.2	NW
UC1	20190216	Sunny	Light	Mid-Flood	S	1	13:03	9.54	8.13	30.8	23.7	2.97	3	112	0.18	NW
UC2	20190216	Sunny	Light	Mid-Flood	B	11	13:08	9.74	8.49	30.52	23.7	3.83	4	112	0.45	NW
UC2	20190216	Sunny	Light	Mid-Flood	B	11	13:08	9.61	8.18	30.06	23.6	3.8	5	113	0.45	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC2	20190216	Sunny	Light	Mid-Flood	M	6	13:09	9.45	8.41	30.01	23.6	3.47	5	113	0.37	NW
UC2	20190216	Sunny	Light	Mid-Flood	M	6	13:09	9.34	8.47	30.01	23.7	3.43	6	112	0.39	NW
UC2	20190216	Sunny	Light	Mid-Flood	S	1	13:10	9.42	8.41	30.63	23.5	2.73	3	114	0.25	NW
UC2	20190216	Sunny	Light	Mid-Flood	S	1	13:10	9.44	8.46	30.14	23.6	2.76	4	113	0.26	NW
I1	20190216	Sunny	Light	Mid-Flood	B	10	13:18	10.29	8.11	30.05	23.7	3.78	5	113	0.46	NW
I1	20190216	Sunny	Light	Mid-Flood	B	10	13:18	10.25	8.25	30.51	23.7	3.72	5	113	0.47	NW
I1	20190216	Sunny	Light	Mid-Flood	M	5.5	13:19	10.37	8.46	30.36	23.7	3.18	5	112	0.4	NW
I1	20190216	Sunny	Light	Mid-Flood	M	5.5	13:19	10.31	8.2	30.28	23.6	3.14	4	112	0.39	NW
I1	20190216	Sunny	Light	Mid-Flood	S	1	13:20	10.18	8.08	30.55	23.6	2.72	3	112	0.21	NW
I1	20190216	Sunny	Light	Mid-Flood	S	1	13:20	10.1	8.35	30.69	23.6	2.72	3	112	0.21	NW
I2	20190216	Sunny	Light	Mid-Flood	B	10.1	13:25	10.25	8.34	30.89	23.6	3.95	3	112	0.47	NW
I2	20190216	Sunny	Light	Mid-Flood	B	10.1	13:26	10.28	8.19	30.45	23.6	3.86	3	114	0.48	NW
I2	20190216	Sunny	Light	Mid-Flood	M	5.6	13:26	10.21	8.5	30.25	23.7	3.45	7	113	0.4	NW
I2	20190216	Sunny	Light	Mid-Flood	M	5.6	13:27	10.05	8.46	30.22	23.6	3.49	6	113	0.42	NW
I2	20190216	Sunny	Light	Mid-Flood	S	1	13:27	10.15	8.35	30.07	23.7	2.91	5	113	0.22	NW
I2	20190216	Sunny	Light	Mid-Flood	S	1	13:28	10.23	8.17	30.19	23.6	2.86	5	113	0.22	NW
I3	20190216	Sunny	Light	Mid-Flood	B	11	13:32	10.27	8.33	30.59	23.6	3.98	<2	113	0.42	NW
I3	20190216	Sunny	Light	Mid-Flood	B	11	13:33	10.4	8.13	30.66	23.7	4.05	<2	114	0.43	NW
I3	20190216	Sunny	Light	Mid-Flood	M	6	13:33	10.59	8.33	31	23.6	3.01	<2	113	0.4	NW
I3	20190216	Sunny	Light	Mid-Flood	M	6	13:34	10.77	8.28	30.61	23.6	3.03	2	112	0.42	NW
I3	20190216	Sunny	Light	Mid-Flood	S	1	13:34	10.84	8.27	30.78	23.6	2.9	3	114	0.24	NW
I3	20190216	Sunny	Light	Mid-Flood	S	1	13:35	10.7	8.04	30.49	23.6	2.85	2	114	0.25	NW
I4	20190216	Sunny	Light	Mid-Flood	B	10	13:39	10.06	8.23	30.49	23.6	3.66	<2	113	0.48	NW
I4	20190216	Sunny	Light	Mid-Flood	B	10	13:40	10.19	8.15	30.83	23.7	3.66	2	113	0.5	NW
I4	20190216	Sunny	Light	Mid-Flood	M	5.5	13:40	10.15	8.31	30.78	23.5	3.05	<2	114	0.34	NW
I4	20190216	Sunny	Light	Mid-Flood	M	5.5	13:41	10.09	8.11	30.36	23.5	3.06	<2	113	0.35	NW
I4	20190216	Sunny	Light	Mid-Flood	S	1	13:41	10.06	8.15	30.74	23.5	2.71	<2	114	0.3	NW
I4	20190216	Sunny	Light	Mid-Flood	S	1	13:42	10.11	8.28	30.41	23.5	2.61	<2	113	0.29	NW
I5	20190216	Sunny	Light	Mid-Flood	B	11	13:46	10.28	8.33	30.8	23.6	3.73	<2	114	0.4	NW
I5	20190216	Sunny	Light	Mid-Flood	B	11	13:47	10.13	8.1	30.79	23.5	3.83	<2	113	0.4	NW
I5	20190216	Sunny	Light	Mid-Flood	M	6	13:47	9.95	8.2	30.93	23.7	3.41	<2	112	0.35	NW
I5	20190216	Sunny	Light	Mid-Flood	M	6	13:48	10.08	8.35	30.68	23.7	3.51	<2	113	0.33	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I5	20190216	Sunny	Light	Mid-Flood	S	1	13:48	10.13	8.28	30.51	23.5	2.86	<2	112	0.27	NW
I5	20190216	Sunny	Light	Mid-Flood	S	1	13:49	10.11	8.28	30.75	23.5	2.78	<2	113	0.26	NW
I6	20190216	Sunny	Light	Mid-Flood	B	9	13:38	10.49	8.09	30.5	23.7	3.61	4	113	0.45	NW
I6	20190216	Sunny	Light	Mid-Flood	B	9	13:39	10.39	8.23	30.51	23.6	3.69	4	112	0.46	NW
I6	20190216	Sunny	Light	Mid-Flood	M	5	13:39	10.28	8.25	30.12	23.7	3.32	4	113	0.32	NW
I6	20190216	Sunny	Light	Mid-Flood	M	5	13:40	10.2	8.17	30.44	23.7	3.27	4	112	0.3	NW
I6	20190216	Sunny	Light	Mid-Flood	S	1	13:40	10.11	8.33	30.21	23.5	2.55	5	113	0.24	NW
I6	20190216	Sunny	Light	Mid-Flood	S	1	13:41	10.04	8.08	30.19	23.7	2.55	5	113	0.23	NW
I7	20190216	Sunny	Light	Mid-Flood	B	10.4	13:13	9.69	8.06	30.51	23.7	3.5	4	113	0.49	NW
I7	20190216	Sunny	Light	Mid-Flood	B	10.4	13:13	9.53	8.43	30.4	23.6	3.57	5	113	0.51	NW
I7	20190216	Sunny	Light	Mid-Flood	M	5.7	13:14	9.52	8.28	30.99	23.6	3.44	3	114	0.32	NW
I7	20190216	Sunny	Light	Mid-Flood	M	5.7	13:14	9.56	8.13	30.59	23.7	3.44	4	114	0.3	NW
I7	20190216	Sunny	Light	Mid-Flood	S	1	13:15	9.43	8.45	30.89	23.5	2.91	4	113	0.28	NW
I7	20190216	Sunny	Light	Mid-Flood	S	1	13:15	9.44	8.39	30.41	23.5	2.88	4	113	0.3	NW
I8	20190216	Sunny	Light	Mid-Flood	B	10.7	14:07	9.69	8.31	30.86	23.5	3.82	3	113	0.47	NW
I8	20190216	Sunny	Light	Mid-Flood	B	10.7	14:07	9.74	8.41	30.17	23.7	3.89	3	114	0.46	NW
I8	20190216	Sunny	Light	Mid-Flood	M	5.9	14:08	9.66	8.35	30.53	23.7	3.28	3	115	0.31	NW
I8	20190216	Sunny	Light	Mid-Flood	M	5.9	14:08	9.86	8.05	30.78	23.5	3.3	3	114	0.32	NW
I8	20190216	Sunny	Light	Mid-Flood	S	1	14:09	10.01	8.28	30.92	23.6	2.84	3	113	0.27	NW
I8	20190216	Sunny	Light	Mid-Flood	S	1	14:09	9.92	8.34	30.78	23.7	2.83	3	114	0.27	NW
I9	20190216	Sunny	Light	Mid-Flood	B	10.3	14:00	9.85	8.17	30.8	23.5	3.51	6	114	0.42	NW
I9	20190216	Sunny	Light	Mid-Flood	B	10.3	14:00	9.93	8.27	30.78	23.5	3.45	4	113	0.4	NW
I9	20190216	Sunny	Light	Mid-Flood	M	5.7	14:01	9.78	8.1	30.48	23.6	3.32	5	114	0.32	NW
I9	20190216	Sunny	Light	Mid-Flood	M	5.7	14:01	9.72	8.02	30.89	23.7	3.38	4	114	0.32	NW
I9	20190216	Sunny	Light	Mid-Flood	S	1	14:02	9.68	8.42	31	23.6	2.55	2	115	0.29	NW
I9	20190216	Sunny	Light	Mid-Flood	S	1	14:02	9.87	8.32	30.25	23.6	2.54	<2	115	0.31	NW
I10	20190216	Sunny	Light	Mid-Flood	B	10.3	13:53	10.47	8.28	30.71	23.7	3.64	<2	114	0.42	NW
I10	20190216	Sunny	Light	Mid-Flood	B	10.3	13:53	10.29	8.34	30.82	23.6	3.58	2	114	0.42	NW
I10	20190216	Sunny	Light	Mid-Flood	M	5.7	13:54	10.14	8.02	30.97	23.5	3.06	<2	114	0.34	NW
I10	20190216	Sunny	Light	Mid-Flood	M	5.7	13:54	9.96	8.11	30.4	23.6	3.01	<2	114	0.36	NW
I10	20190216	Sunny	Light	Mid-Flood	S	1	13:55	10.01	8.44	30.86	23.6	2.84	<2	115	0.26	NW
I10	20190216	Sunny	Light	Mid-Flood	S	1	13:55	9.94	8.04	30.83	23.5	2.91	<2	114	0.25	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC1	20190217	Cloudy	Moderate	Mid-Ebb	B	9.7	10:38	9.99	8.12	30.4	22.7	3.5	3	113	0.49	SE
UC1	20190217	Cloudy	Moderate	Mid-Ebb	B	9.7	10:38	9.98	8.11	30.94	22.7	3.52	2	112	0.51	SE
UC1	20190217	Cloudy	Moderate	Mid-Ebb	M	5.4	10:39	10.14	8.13	30.02	22.6	3.28	3	112	0.35	SE
UC1	20190217	Cloudy	Moderate	Mid-Ebb	M	5.4	10:39	10	8.22	30.33	22.6	3.22	2	112	0.34	SE
UC1	20190217	Cloudy	Moderate	Mid-Ebb	S	1	10:40	9.87	8.42	30	22.6	2.65	3	112	0.31	SE
UC1	20190217	Cloudy	Moderate	Mid-Ebb	S	1	10:40	9.68	8.26	30.3	22.7	2.59	3	113	0.3	SE
UC2	20190217	Cloudy	Moderate	Mid-Ebb	B	9.5	10:43	9.93	8.09	30.17	22.8	3.65	3	113	0.45	SE
UC2	20190217	Cloudy	Moderate	Mid-Ebb	B	9.5	10:43	9.95	8.31	30.05	22.6	3.73	4	113	0.46	SE
UC2	20190217	Cloudy	Moderate	Mid-Ebb	M	5.3	10:44	9.94	8.5	30.25	22.7	3.47	2	113	0.42	SE
UC2	20190217	Cloudy	Moderate	Mid-Ebb	M	5.3	10:44	10	8.14	30.85	22.8	3.51	2	114	0.43	SE
UC2	20190217	Cloudy	Moderate	Mid-Ebb	S	1	10:45	9.86	8.44	30.68	22.7	2.79	2	112	0.25	SE
UC2	20190217	Cloudy	Moderate	Mid-Ebb	S	1	10:45	9.76	8.03	30.31	22.6	2.81	2	114	0.27	SE
I1	20190217	Cloudy	Moderate	Mid-Ebb	B	10.6	10:53	10.41	8.08	30.52	22.8	3.51	2	113	0.47	SE
I1	20190217	Cloudy	Moderate	Mid-Ebb	B	10.6	10:53	10.48	8.37	30.9	22.7	3.54	2	112	0.48	SE
I1	20190217	Cloudy	Moderate	Mid-Ebb	M	5.8	10:54	10.68	8.21	30.39	22.6	3.12	<2	113	0.45	SE
I1	20190217	Cloudy	Moderate	Mid-Ebb	M	5.8	10:54	10.68	8.05	30.9	22.6	3.19	3	113	0.47	SE
I1	20190217	Cloudy	Moderate	Mid-Ebb	S	1	10:55	10.53	8.06	30.25	22.6	2.95	3	112	0.29	SE
I1	20190217	Cloudy	Moderate	Mid-Ebb	S	1	10:55	10.73	8.29	30.9	22.7	3	2	113	0.31	SE
I2	20190217	Cloudy	Moderate	Mid-Ebb	B	9.2	11:00	10.42	8.03	30.42	22.8	3.99	<2	112	0.51	SE
I2	20190217	Cloudy	Moderate	Mid-Ebb	B	9.2	11:00	10.33	8.37	30.08	22.6	3.9	<2	112	0.53	SE
I2	20190217	Cloudy	Moderate	Mid-Ebb	M	5.1	11:01	10.28	8.33	30.89	22.6	3.05	3	111	0.41	SE
I2	20190217	Cloudy	Moderate	Mid-Ebb	M	5.1	11:01	10.32	8.06	30.34	22.6	3	<2	112	0.41	SE
I2	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:02	10.26	8.04	30.95	22.8	2.9	<2	111	0.25	SE
I2	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:02	10.4	8.14	30.16	22.7	2.89	2	113	0.23	SE
I3	20190217	Cloudy	Moderate	Mid-Ebb	B	9.4	11:05	9.63	8.14	30.72	22.6	3.67	5	113	0.49	SE
I3	20190217	Cloudy	Moderate	Mid-Ebb	B	9.4	11:05	9.8	8.3	30.82	22.8	3.72	4	112	0.49	SE
I3	20190217	Cloudy	Moderate	Mid-Ebb	M	5.2	11:06	9.77	8.01	30.4	22.8	3.1	2	112	0.45	SE
I3	20190217	Cloudy	Moderate	Mid-Ebb	M	5.2	11:06	9.61	8.36	30.85	22.8	3.14	<2	112	0.46	SE
I3	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:07	9.8	8.48	30.95	22.7	2.5	3	112	0.26	SE
I3	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:07	9.85	8.37	30.83	22.6	2.52	2	112	0.26	SE
I4	20190217	Cloudy	Moderate	Mid-Ebb	B	9.8	11:11	9.51	8.25	30.02	22.7	3.84	2	113	0.55	SE
I4	20190217	Cloudy	Moderate	Mid-Ebb	B	9.8	11:12	9.68	8.28	30.15	22.7	3.79	2	112	0.54	SE



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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I4	20190217	Cloudy	Moderate	Mid-Ebb	M	5.4	11:12	9.65	8.44	30.77	22.7	3.39	<2	112	0.42	SE
I4	20190217	Cloudy	Moderate	Mid-Ebb	M	5.4	11:13	9.45	8.24	30.33	22.8	3.43	<2	113	0.44	SE
I4	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:13	9.56	8.39	30.41	22.7	2.96	<2	112	0.32	SE
I4	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:14	9.7	8.4	30.9	22.8	2.99	<2	112	0.3	SE
I5	20190217	Cloudy	Moderate	Mid-Ebb	B	9.1	11:17	9.68	8.38	30.12	22.6	3.82	2	113	0.46	SE
I5	20190217	Cloudy	Moderate	Mid-Ebb	B	9.1	11:18	9.57	8.1	30.46	22.8	3.89	<2	113	0.47	SE
I5	20190217	Cloudy	Moderate	Mid-Ebb	M	5.1	11:18	9.55	8.41	30.83	22.7	3.32	<2	112	0.36	SE
I5	20190217	Cloudy	Moderate	Mid-Ebb	M	5.1	11:19	9.61	8.17	30.48	22.6	3.38	<2	112	0.34	SE
I5	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:19	9.7	8.1	30.04	22.8	2.91	<2	112	0.27	SE
I5	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:20	9.68	8.26	30.95	22.6	3	3	112	0.29	SE
I6	20190217	Cloudy	Moderate	Mid-Ebb	B	10.8	11:48	10.49	8.5	30.38	22.8	3.53	<2	113	0.49	SE
I6	20190217	Cloudy	Moderate	Mid-Ebb	B	10.8	11:49	10.59	8.18	30.41	22.7	3.62	<2	114	0.48	SE
I6	20190217	Cloudy	Moderate	Mid-Ebb	M	5.9	11:49	10.72	8.12	30.42	22.7	3.45	2	113	0.44	SE
I6	20190217	Cloudy	Moderate	Mid-Ebb	M	5.9	11:50	10.77	8.33	30.22	22.7	3.44	<2	113	0.44	SE
I6	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:50	10.76	8.03	30.95	22.6	2.86	<2	114	0.27	SE
I6	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:51	10.92	8.05	30.53	22.7	2.9	<2	112	0.27	SE
I7	20190217	Cloudy	Moderate	Mid-Ebb	B	9.6	11:41	10.21	8.41	30.88	22.7	3.51	2	114	0.54	SE
I7	20190217	Cloudy	Moderate	Mid-Ebb	B	9.6	11:42	10.11	8.41	30.45	22.6	3.42	3	113	0.55	SE
I7	20190217	Cloudy	Moderate	Mid-Ebb	M	5.3	11:42	10.17	8.19	30.32	22.8	3.21	<2	113	0.45	SE
I7	20190217	Cloudy	Moderate	Mid-Ebb	M	5.3	11:43	10.04	8.15	30.36	22.6	3.18	3	113	0.47	SE
I7	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:43	10.24	8.13	30.08	22.8	2.86	<2	112	0.35	SE
I7	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:44	10.37	8.41	30.95	22.8	2.95	3	113	0.33	SE
I8	20190217	Cloudy	Moderate	Mid-Ebb	B	9.7	11:35	9.8	8.08	30.7	22.7	3.93	3	112	0.47	SE
I8	20190217	Cloudy	Moderate	Mid-Ebb	B	9.7	11:36	9.77	8.03	30.99	22.7	3.97	3	113	0.48	SE
I8	20190217	Cloudy	Moderate	Mid-Ebb	M	5.4	11:36	9.69	8.25	30.44	22.6	3.29	<2	113	0.36	SE
I8	20190217	Cloudy	Moderate	Mid-Ebb	M	5.4	11:37	9.66	8.09	30.12	22.6	3.29	<2	113	0.35	SE
I8	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:37	9.66	8.4	30.67	22.7	2.57	<2	113	0.27	SE
I8	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:38	9.79	8.33	30.89	22.6	2.66	<2	112	0.29	SE
I9	20190217	Cloudy	Moderate	Mid-Ebb	B	9	11:29	9.76	8.08	30.67	22.8	3.9	3	113	0.5	SE
I9	20190217	Cloudy	Moderate	Mid-Ebb	B	9	11:29	9.65	8.17	30.94	22.8	3.9	2	112	0.49	SE
I9	20190217	Cloudy	Moderate	Mid-Ebb	M	5	11:30	9.54	8.41	30.17	22.7	3.5	2	112	0.43	SE
I9	20190217	Cloudy	Moderate	Mid-Ebb	M	5	11:30	9.7	8.17	30.44	22.7	3.5	2	113	0.43	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I9	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:31	9.66	8.34	30.17	22.8	2.87	<2	113	0.29	SE
I9	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:31	9.73	8.48	30.03	22.7	2.77	<2	114	0.3	SE
I10	20190217	Cloudy	Moderate	Mid-Ebb	B	9.6	11:22	10.43	8.12	30.82	22.8	3.56	<2	113	0.47	SE
I10	20190217	Cloudy	Moderate	Mid-Ebb	B	9.6	11:22	10.4	8.13	30.06	22.7	3.53	<2	113	0.48	SE
I10	20190217	Cloudy	Moderate	Mid-Ebb	M	5.3	11:23	10.41	8.04	30.82	22.8	3.13	2	113	0.44	SE
I10	20190217	Cloudy	Moderate	Mid-Ebb	M	5.3	11:23	10.49	8.48	30.31	22.6	3.03	<2	113	0.43	SE
I10	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:24	10.49	8.1	30.8	22.6	2.79	<2	113	0.34	SE
I10	20190217	Cloudy	Moderate	Mid-Ebb	S	1	11:24	10.45	8.45	30.18	22.6	2.78	<2	113	0.32	SE
UC1	20190217	Fine	Moderate	Mid-Flood	B	10.2	14:12	9.97	8.07	30.28	22.6	3.76	<2	113	0.55	NW
UC1	20190217	Fine	Moderate	Mid-Flood	B	10.2	14:12	10.17	8.27	30.35	22.8	3.71	2	112	0.53	NW
UC1	20190217	Fine	Moderate	Mid-Flood	M	5.6	14:13	10.01	8.33	30.13	22.7	3.46	<2	113	0.38	NW
UC1	20190217	Fine	Moderate	Mid-Flood	M	5.6	14:13	9.99	8.45	30.46	22.8	3.52	<2	113	0.39	NW
UC1	20190217	Fine	Moderate	Mid-Flood	S	1	14:14	10.13	8.14	30.84	22.8	2.6	2	112	0.3	NW
UC1	20190217	Fine	Moderate	Mid-Flood	S	1	14:14	9.95	8.37	30.54	22.6	2.56	<2	112	0.28	NW
UC2	20190217	Fine	Moderate	Mid-Flood	B	9.5	14:19	9.59	8.23	30.01	22.7	3.65	<2	112	0.46	NW
UC2	20190217	Fine	Moderate	Mid-Flood	B	9.5	14:19	9.76	8.23	31	22.7	3.73	<2	112	0.45	NW
UC2	20190217	Fine	Moderate	Mid-Flood	M	5.3	14:20	9.92	8.02	30.57	22.6	3.33	<2	113	0.35	NW
UC2	20190217	Fine	Moderate	Mid-Flood	M	5.3	14:20	9.93	8.08	30.04	22.6	3.39	<2	114	0.37	NW
UC2	20190217	Fine	Moderate	Mid-Flood	S	1	14:21	10.07	8.47	30.48	22.8	2.74	<2	113	0.31	NW
UC2	20190217	Fine	Moderate	Mid-Flood	S	1	14:21	10.08	8.03	30.06	22.7	2.82	2	114	0.32	NW
I1	20190217	Fine	Moderate	Mid-Flood	B	10.3	14:24	9.89	8.36	30.22	22.6	4	<2	112	0.47	NW
I1	20190217	Fine	Moderate	Mid-Flood	B	10.3	14:24	10.04	8.1	30.76	22.7	3.97	<2	114	0.49	NW
I1	20190217	Fine	Moderate	Mid-Flood	M	5.7	14:25	9.9	8.07	30.77	22.6	3.47	<2	113	0.4	NW
I1	20190217	Fine	Moderate	Mid-Flood	M	5.7	14:25	9.98	8.38	30.3	22.6	3.39	<2	112	0.41	NW
I1	20190217	Fine	Moderate	Mid-Flood	S	1	14:26	10.04	8.27	30.8	22.8	2.52	<2	112	0.34	NW
I1	20190217	Fine	Moderate	Mid-Flood	S	1	14:26	10.11	8.03	30.58	22.8	2.61	<2	113	0.34	NW
I2	20190217	Fine	Moderate	Mid-Flood	B	9.7	14:30	9.52	8.32	30.76	22.7	3.99	<2	113	0.53	NW
I2	20190217	Fine	Moderate	Mid-Flood	B	9.7	14:31	9.51	8.13	30.06	22.6	3.89	2	112	0.51	NW
I2	20190217	Fine	Moderate	Mid-Flood	M	5.4	14:31	9.32	8.04	30.97	22.7	3.01	<2	112	0.39	NW
I2	20190217	Fine	Moderate	Mid-Flood	M	5.4	14:32	9.37	8.16	30.35	22.6	3.01	<2	113	0.38	NW
I2	20190217	Fine	Moderate	Mid-Flood	S	1	14:32	9.31	8.07	30.76	22.7	2.57	<2	113	0.28	NW
I2	20190217	Fine	Moderate	Mid-Flood	S	1	14:33	9.25	8.19	30.43	22.7	2.5	<2	114	0.29	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I3	20190217	Fine	Moderate	Mid-Flood	B	10.1	14:36	10.32	8.07	30.35	22.7	3.52	5	112	0.48	NW
I3	20190217	Fine	Moderate	Mid-Flood	B	10.1	14:37	10.17	8.38	30.93	22.8	3.51	4	111	0.5	NW
I3	20190217	Fine	Moderate	Mid-Flood	M	5.6	14:37	10.24	8.14	30.65	22.8	3.01	2	111	0.43	NW
I3	20190217	Fine	Moderate	Mid-Flood	M	5.6	14:38	10.1	8.34	30.47	22.7	2.96	3	113	0.41	NW
I3	20190217	Fine	Moderate	Mid-Flood	S	1	14:38	10.01	8.48	30.78	22.7	2.88	<2	113	0.33	NW
I3	20190217	Fine	Moderate	Mid-Flood	S	1	14:39	9.85	8.36	30.29	22.7	2.8	3	114	0.35	NW
I4	20190217	Fine	Moderate	Mid-Flood	B	11	14:42	10.18	8.27	30.52	22.8	3.76	3	114	0.45	NW
I4	20190217	Fine	Moderate	Mid-Flood	B	11	14:43	10.09	8.49	30.11	22.8	3.76	4	113	0.44	NW
I4	20190217	Fine	Moderate	Mid-Flood	M	6	14:43	9.9	8.43	31	22.6	3.32	3	113	0.42	NW
I4	20190217	Fine	Moderate	Mid-Flood	M	6	14:44	9.84	8.11	30.22	22.6	3.29	<2	112	0.4	NW
I4	20190217	Fine	Moderate	Mid-Flood	S	1	14:44	9.74	8.18	30.53	22.8	2.93	2	112	0.28	NW
I4	20190217	Fine	Moderate	Mid-Flood	S	1	14:45	9.83	8.37	30.57	22.7	3	<2	112	0.3	NW
I5	20190217	Fine	Moderate	Mid-Flood	B	10.6	14:48	10.5	8.35	30.27	22.6	3.51	3	113	0.5	NW
I5	20190217	Fine	Moderate	Mid-Flood	B	10.6	14:49	10.51	8.03	30.04	22.8	3.47	3	113	0.51	NW
I5	20190217	Fine	Moderate	Mid-Flood	M	5.8	14:49	10.53	8.45	30.53	22.7	3.14	4	113	0.35	NW
I5	20190217	Fine	Moderate	Mid-Flood	M	5.8	14:50	10.55	8.07	30.03	22.6	3.21	3	112	0.37	NW
I5	20190217	Fine	Moderate	Mid-Flood	S	1	14:50	10.51	8.47	30.85	22.8	2.8	4	112	0.29	NW
I5	20190217	Fine	Moderate	Mid-Flood	S	1	14:51	10.53	8.24	30.66	22.8	2.89	4	112	0.27	NW
I6	20190217	Fine	Moderate	Mid-Flood	B	10.4	15:18	10.31	8.16	30.01	22.6	3.71	3	113	0.53	NW
I6	20190217	Fine	Moderate	Mid-Flood	B	10.4	15:19	10.34	8.08	30.4	22.8	3.81	3	112	0.52	NW
I6	20190217	Fine	Moderate	Mid-Flood	M	5.7	15:19	10.38	8.39	30.39	22.8	3.17	3	112	0.36	NW
I6	20190217	Fine	Moderate	Mid-Flood	M	5.7	15:20	10.48	8.19	30.38	22.7	3.14	4	112	0.34	NW
I6	20190217	Fine	Moderate	Mid-Flood	S	1	15:20	10.63	8.49	30.53	22.7	2.54	2	113	0.33	NW
I6	20190217	Fine	Moderate	Mid-Flood	S	1	15:21	10.61	8.41	30.86	22.6	2.61	4	113	0.34	NW
I7	20190217	Fine	Moderate	Mid-Flood	B	9.9	15:12	10.44	8.34	30.37	22.8	3.66	4	112	0.54	NW
I7	20190217	Fine	Moderate	Mid-Flood	B	9.9	15:12	10.58	8.16	30.14	22.8	3.56	3	112	0.54	NW
I7	20190217	Fine	Moderate	Mid-Flood	M	5.5	15:13	10.48	8.41	30.17	22.8	3.11	3	113	0.38	NW
I7	20190217	Fine	Moderate	Mid-Flood	M	5.5	15:13	10.61	8.14	30.69	22.8	3.17	2	112	0.39	NW
I7	20190217	Fine	Moderate	Mid-Flood	S	1	15:14	10.65	8.04	31	22.8	2.87	3	112	0.31	NW
I7	20190217	Fine	Moderate	Mid-Flood	S	1	15:14	10.74	8.49	30.42	22.7	2.89	3	112	0.33	NW
I8	20190217	Fine	Moderate	Mid-Flood	B	9.2	15:06	10.21	8.13	30.05	22.8	3.62	4	113	0.45	NW
I8	20190217	Fine	Moderate	Mid-Flood	B	9.2	15:06	10.24	8.1	30.6	22.8	3.67	2	112	0.45	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I8	20190217	Fine	Moderate	Mid-Flood	M	5.1	15:07	10.05	8.49	30.36	22.8	3.3	2	112	0.37	NW
I8	20190217	Fine	Moderate	Mid-Flood	M	5.1	15:07	10.01	8.11	30.49	22.7	3.22	3	113	0.39	NW
I8	20190217	Fine	Moderate	Mid-Flood	S	1	15:08	9.97	8.21	30.01	22.7	2.58	3	113	0.25	NW
I8	20190217	Fine	Moderate	Mid-Flood	S	1	15:08	10.1	8.23	30.16	22.6	2.61	3	113	0.24	NW
I9	20190217	Fine	Moderate	Mid-Flood	B	9.5	15:00	9.52	8.31	30.11	22.6	3.61	<2	112	0.46	NW
I9	20190217	Fine	Moderate	Mid-Flood	B	9.5	15:00	9.67	8.34	30.32	22.8	3.67	2	113	0.47	NW
I9	20190217	Fine	Moderate	Mid-Flood	M	5.3	15:01	9.7	8.3	30.42	22.8	3.44	4	114	0.4	NW
I9	20190217	Fine	Moderate	Mid-Flood	M	5.3	15:01	9.73	8.21	30.33	22.8	3.53	4	114	0.42	NW
I9	20190217	Fine	Moderate	Mid-Flood	S	1	15:02	9.59	8.12	30.99	22.7	2.68	3	113	0.26	NW
I9	20190217	Fine	Moderate	Mid-Flood	S	1	15:02	9.52	8.21	30.08	22.6	2.6	4	113	0.28	NW
I10	20190217	Fine	Moderate	Mid-Flood	B	9.8	14:54	9.94	8.24	30.73	22.7	3.74	2	113	0.49	NW
I10	20190217	Fine	Moderate	Mid-Flood	B	9.8	14:54	9.92	8.4	30.94	22.6	3.75	<2	113	0.49	NW
I10	20190217	Fine	Moderate	Mid-Flood	M	5.4	14:55	9.91	8.32	30.34	22.7	3.5	2	112	0.35	NW
I10	20190217	Fine	Moderate	Mid-Flood	M	5.4	14:55	10.1	8.35	30.11	22.7	3.43	3	113	0.33	NW
I10	20190217	Fine	Moderate	Mid-Flood	S	1	14:56	10.11	8.05	30.22	22.7	2.7	3	114	0.35	NW
I10	20190217	Fine	Moderate	Mid-Flood	S	1	14:56	10.29	8.21	30.63	22.7	2.72	3	112	0.35	NW
UC1	20190218	Cloudy	Moderate	Mid-Ebb	B	10.6	10:56	9.84	8.44	31	20	4.43	4	112	0.21	SE
UC1	20190218	Cloudy	Moderate	Mid-Ebb	B	10.6	10:56	9.75	8.01	30.22	19.8	4.45	3	111	0.22	SE
UC1	20190218	Cloudy	Moderate	Mid-Ebb	M	5.8	10:56	9.75	8.41	30	20	3.87	5	113	0.4	SE
UC1	20190218	Cloudy	Moderate	Mid-Ebb	M	5.8	10:57	9.83	8.27	30.1	19.8	3.93	4	113	0.42	SE
UC1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	10:57	9.68	8.06	30.82	20	3.06	3	112	0.4	SE
UC1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	10:57	9.64	8.13	31	20	3.16	4	112	0.38	SE
UC2	20190218	Cloudy	Moderate	Mid-Ebb	B	10.7	11:01	9.82	8.29	30.79	19.8	4.24	4	111	0.21	SE
UC2	20190218	Cloudy	Moderate	Mid-Ebb	B	10.7	11:01	10.02	8.01	30.45	20	4.16	5	111	0.2	SE
UC2	20190218	Cloudy	Moderate	Mid-Ebb	M	5.9	11:02	10.14	8.25	30.41	19.8	3.65	3	112	0.31	SE
UC2	20190218	Cloudy	Moderate	Mid-Ebb	M	5.9	11:02	10.03	8.26	30.73	20	3.74	3	111	0.32	SE
UC2	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:02	10.22	8.32	30.67	19.8	3.01	4	112	0.42	SE
UC2	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:03	10.12	8.13	30.22	20	3.11	3	111	0.44	SE
I1	20190218	Cloudy	Moderate	Mid-Ebb	B	9.4	11:07	10.21	8.1	30.65	20	4.31	4	112	0.28	SE
I1	20190218	Cloudy	Moderate	Mid-Ebb	B	9.4	11:07	10.2	8.33	30.1	19.9	4.22	3	111	0.3	SE
I1	20190218	Cloudy	Moderate	Mid-Ebb	M	5.2	11:08	10.08	8.36	30.71	19.8	3.89	4	112	0.32	SE
I1	20190218	Cloudy	Moderate	Mid-Ebb	M	5.2	11:08	10.18	8.18	30.27	19.8	3.79	3	111	0.33	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:09	10.01	8.5	30.54	20	3.32	5	112	0.42	SE
I1	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:09	10.21	8.27	30.17	19.8	3.31	4	113	0.41	SE
I2	20190218	Cloudy	Moderate	Mid-Ebb	B	10.4	11:10	10.02	8.49	30.05	19.9	4.19	2	113	0.26	SE
I2	20190218	Cloudy	Moderate	Mid-Ebb	B	10.4	11:11	10.04	8.37	30.09	20	4.27	4	111	0.24	SE
I2	20190218	Cloudy	Moderate	Mid-Ebb	M	5.7	11:11	9.99	8.23	30.05	19.9	3.87	2	110	0.4	SE
I2	20190218	Cloudy	Moderate	Mid-Ebb	M	5.7	11:12	10.02	8.1	30.48	19.9	3.94	3	110	0.39	SE
I2	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:12	10.12	8.14	30.49	19.8	3.27	3	112	0.48	SE
I2	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:12	10.1	8.14	30.63	19.8	3.3	4	112	0.46	SE
I3	20190218	Cloudy	Moderate	Mid-Ebb	B	11	11:14	9.86	8.06	30.7	19.9	4.23	4	111	0.29	SE
I3	20190218	Cloudy	Moderate	Mid-Ebb	B	11	11:14	9.82	8.5	30.86	20	4.16	5	112	0.29	SE
I3	20190218	Cloudy	Moderate	Mid-Ebb	M	6	11:14	9.66	8.46	30.96	19.8	3.56	5	112	0.3	SE
I3	20190218	Cloudy	Moderate	Mid-Ebb	M	6	11:15	9.75	8.22	30.77	19.8	3.56	5	111	0.28	SE
I3	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:15	9.73	8.21	30.88	19.9	3.28	5	112	0.4	SE
I3	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:16	9.64	8.08	30.66	19.8	3.28	6	110	0.38	SE
I4	20190218	Cloudy	Moderate	Mid-Ebb	B	9.2	11:20	10.62	8.07	30.88	19.9	4.29	7	112	0.25	SE
I4	20190218	Cloudy	Moderate	Mid-Ebb	B	9.2	11:20	10.58	8.25	30.61	19.9	4.33	8	112	0.24	SE
I4	20190218	Cloudy	Moderate	Mid-Ebb	M	5.1	11:21	10.5	8.47	30.69	19.9	3.84	6	112	0.4	SE
I4	20190218	Cloudy	Moderate	Mid-Ebb	M	5.1	11:21	10.7	8.25	30.1	20	3.85	5	111	0.41	SE
I4	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:22	10.81	8.45	30.47	19.8	3.41	7	112	0.41	SE
I4	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:22	10.96	8.5	30.62	19.8	3.43	6	112	0.39	SE
I5	20190218	Cloudy	Moderate	Mid-Ebb	B	9	11:24	10.7	8.03	30.4	20	4.45	8	112	0.28	SE
I5	20190218	Cloudy	Moderate	Mid-Ebb	B	9	11:25	10.57	8.08	30.4	19.9	4.5	7	112	0.28	SE
I5	20190218	Cloudy	Moderate	Mid-Ebb	M	5	11:25	10.54	8.49	30.65	20	3.53	6	111	0.31	SE
I5	20190218	Cloudy	Moderate	Mid-Ebb	M	5	11:25	10.39	8.01	30.92	19.8	3.5	7	112	0.33	SE
I5	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:26	10.53	8.3	30.57	19.9	3.41	8	112	0.4	SE
I5	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:26	10.35	8.03	30.86	19.9	3.4	8	113	0.38	SE
I6	20190218	Cloudy	Moderate	Mid-Ebb	B	10.8	11:46	10.55	8.43	30.93	19.8	4.12	4	111	0.29	SE
I6	20190218	Cloudy	Moderate	Mid-Ebb	B	10.8	11:46	10.41	8	30.34	19.8	4.09	4	112	0.31	SE
I6	20190218	Cloudy	Moderate	Mid-Ebb	M	5.9	11:46	10.26	8.44	30.38	19.8	3.8	6	112	0.38	SE
I6	20190218	Cloudy	Moderate	Mid-Ebb	M	5.9	11:47	10.22	8.11	30.59	20	3.8	6	111	0.39	SE
I6	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:47	10.11	8.07	30.65	20	3.04	6	111	0.41	SE
I6	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:48	10.19	8.17	30.99	19.8	3.11	7	112	0.41	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I7	20190218	Cloudy	Moderate	Mid-Ebb	B	9.8	11:41	10.39	8.2	30.29	20	4.27	5	112	0.21	SE
I7	20190218	Cloudy	Moderate	Mid-Ebb	B	9.8	11:41	10.39	8.2	30.59	20	4.35	4	112	0.23	SE
I7	20190218	Cloudy	Moderate	Mid-Ebb	M	5.4	11:42	10.45	8.35	30.12	19.9	3.94	6	112	0.39	SE
I7	20190218	Cloudy	Moderate	Mid-Ebb	M	5.4	11:42	10.42	8.23	30.3	20	3.84	5	112	0.39	SE
I7	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:42	10.36	8.5	30.43	19.9	3.06	6	112	0.44	SE
I7	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:43	10.24	8.36	30.36	20	3.03	6	112	0.44	SE
I8	20190218	Cloudy	Moderate	Mid-Ebb	B	9	11:36	10.17	8.23	30.21	19.8	4.39	3	112	0.2	SE
I8	20190218	Cloudy	Moderate	Mid-Ebb	B	9	11:37	10.06	8.09	30.41	19.9	4.38	4	111	0.19	SE
I8	20190218	Cloudy	Moderate	Mid-Ebb	M	5	11:37	10.02	8.24	30.33	19.9	3.55	3	111	0.34	SE
I8	20190218	Cloudy	Moderate	Mid-Ebb	M	5	11:37	9.96	8.47	30.88	19.8	3.56	4	112	0.34	SE
I8	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:38	9.89	8.49	30.6	19.8	3.34	4	112	0.4	SE
I8	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:38	9.69	8.37	30.85	19.8	3.26	3	112	0.4	SE
I9	20190218	Cloudy	Moderate	Mid-Ebb	B	9.9	11:32	10.77	8.29	30.82	19.9	4.4	4	112	0.2	SE
I9	20190218	Cloudy	Moderate	Mid-Ebb	B	9.9	11:32	10.91	8.4	30.22	19.9	4.31	3	112	0.22	SE
I9	20190218	Cloudy	Moderate	Mid-Ebb	M	5.5	11:32	10.78	8.39	30.05	19.8	3.56	4	111	0.32	SE
I9	20190218	Cloudy	Moderate	Mid-Ebb	M	5.5	11:33	10.86	8.26	30.54	20	3.5	3	113	0.3	SE
I9	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:33	10.9	8.07	30.95	19.9	3.05	5	113	0.43	SE
I9	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:33	11.02	8.33	30.37	20	3.05	5	113	0.44	SE
I10	20190218	Cloudy	Moderate	Mid-Ebb	B	9.5	11:28	10.66	8.17	30.95	19.9	4.09	4	112	0.24	SE
I10	20190218	Cloudy	Moderate	Mid-Ebb	B	9.5	11:28	10.84	8.22	30.94	19.8	4.16	4	112	0.26	SE
I10	20190218	Cloudy	Moderate	Mid-Ebb	M	5.3	11:29	11	8.23	30.97	19.9	3.74	3	113	0.32	SE
I10	20190218	Cloudy	Moderate	Mid-Ebb	M	5.3	11:29	11.14	8.27	30.01	20	3.65	4	113	0.32	SE
I10	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:29	10.95	8.34	30.37	19.8	3.4	4	113	0.5	SE
I10	20190218	Cloudy	Moderate	Mid-Ebb	S	1	11:30	10.95	8.49	30.98	20	3.5	3	113	0.49	SE
UC1	20190218	Drizzle	Moderate	Mid-Flood	B	9.1	15:39	9.82	8.48	30.43	19.9	4.36	6	113	0.28	NW
UC1	20190218	Drizzle	Moderate	Mid-Flood	B	9.1	15:39	9.9	8.49	30.36	20	4.27	6	113	0.28	NW
UC1	20190218	Drizzle	Moderate	Mid-Flood	M	5.1	15:40	9.83	8.14	30.33	19.9	3.58	6	114	0.39	NW
UC1	20190218	Drizzle	Moderate	Mid-Flood	M	5.1	15:40	9.92	8.37	30.58	20	3.63	7	113	0.38	NW
UC1	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:41	9.73	8.2	30.17	20	3.36	6	113	0.47	NW
UC1	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:41	9.81	8.39	30.17	19.9	3.43	7	114	0.48	NW
UC2	20190218	Drizzle	Moderate	Mid-Flood	B	10	15:44	10.21	8.11	30.1	19.9	4.46	4	112	0.23	NW
UC2	20190218	Drizzle	Moderate	Mid-Flood	B	10	15:45	10.22	8.05	30.54	19.8	4.52	4	112	0.25	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC2	20190218	Drizzle	Moderate	Mid-Flood	M	5.5	15:45	10.04	8.01	30.21	19.9	3.61	5	114	0.4	NW
UC2	20190218	Drizzle	Moderate	Mid-Flood	M	5.5	15:46	9.88	8.05	30.38	19.9	3.58	5	113	0.39	NW
UC2	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:46	10.06	8.4	30.24	19.8	3.19	5	114	0.49	NW
UC2	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:46	9.99	8.11	30.24	19.9	3.28	6	112	0.49	NW
I1	20190218	Drizzle	Moderate	Mid-Flood	B	10.6	15:49	10.59	8.27	30.47	19.9	4.25	3	112	0.22	NW
I1	20190218	Drizzle	Moderate	Mid-Flood	B	10.6	15:49	10.51	8.26	30.56	19.9	4.15	4	113	0.22	NW
I1	20190218	Drizzle	Moderate	Mid-Flood	M	5.8	15:49	10.49	8.5	30.92	20	3.72	4	112	0.37	NW
I1	20190218	Drizzle	Moderate	Mid-Flood	M	5.8	15:50	10.32	8.46	30.44	20	3.69	4	112	0.35	NW
I1	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:50	10.26	8.26	30.82	19.9	3.37	4	113	0.42	NW
I1	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:51	10.28	8.42	30.29	19.8	3.3	3	112	0.42	NW
I2	20190218	Drizzle	Moderate	Mid-Flood	B	9.4	15:55	10.56	8.23	30.82	19.8	4.44	4	113	0.3	NW
I2	20190218	Drizzle	Moderate	Mid-Flood	B	9.4	15:55	10.53	8.22	30.51	19.9	4.48	3	112	0.31	NW
I2	20190218	Drizzle	Moderate	Mid-Flood	M	5.2	15:56	10.44	8.21	30.92	19.9	3.63	4	113	0.34	NW
I2	20190218	Drizzle	Moderate	Mid-Flood	M	5.2	15:56	10.27	8.19	30.46	19.9	3.63	3	112	0.34	NW
I2	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:57	10.36	8.46	30.58	20	3.04	2	113	0.45	NW
I2	20190218	Drizzle	Moderate	Mid-Flood	S	1	15:57	10.48	8	30.09	19.9	3.02	3	114	0.47	NW
I3	20190218	Drizzle	Moderate	Mid-Flood	B	9.5	15:58	9.92	8.1	30.09	19.9	4.33	3	113	0.28	NW
I3	20190218	Drizzle	Moderate	Mid-Flood	B	9.5	15:59	9.78	8.05	30.63	19.8	4.26	4	112	0.29	NW
I3	20190218	Drizzle	Moderate	Mid-Flood	M	5.3	15:59	9.66	8.29	30.57	19.8	3.86	4	112	0.31	NW
I3	20190218	Drizzle	Moderate	Mid-Flood	M	5.3	15:59	9.61	8.4	30.65	19.8	3.82	3	112	0.33	NW
I3	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:00	9.71	8.1	30.76	19.9	3.46	5	112	0.45	NW
I3	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:00	9.63	8.01	30.49	20	3.47	4	112	0.44	NW
I4	20190218	Drizzle	Moderate	Mid-Flood	B	10.2	16:04	9.87	8.13	30.38	20	4.46	5	112	0.27	NW
I4	20190218	Drizzle	Moderate	Mid-Flood	B	10.2	16:04	9.9	8.04	30.43	19.8	4.4	4	112	0.27	NW
I4	20190218	Drizzle	Moderate	Mid-Flood	M	5.6	16:04	9.99	8.35	30.07	20	3.94	4	114	0.4	NW
I4	20190218	Drizzle	Moderate	Mid-Flood	M	5.6	16:05	10.1	8.29	30.43	19.9	3.9	5	112	0.39	NW
I4	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:05	9.93	8.1	30.59	19.9	3.17	3	112	0.47	NW
I4	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:06	9.83	8.3	30.81	19.9	3.23	4	113	0.45	NW
I5	20190218	Drizzle	Moderate	Mid-Flood	B	9.1	16:08	10.66	8.14	30.32	20	4.21	6	112	0.2	NW
I5	20190218	Drizzle	Moderate	Mid-Flood	B	9.1	16:08	10.74	8.22	30.6	19.9	4.26	6	112	0.21	NW
I5	20190218	Drizzle	Moderate	Mid-Flood	M	5.1	16:09	10.9	8.36	30.89	19.8	3.65	5	114	0.33	NW
I5	20190218	Drizzle	Moderate	Mid-Flood	M	5.1	16:09	10.97	8.09	30.14	19.9	3.68	6	112	0.33	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I5	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:09	11.01	8.2	30.53	20	3.3	5	114	0.48	NW
I5	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:10	11.03	8.17	30.99	19.9	3.4	4	111	0.49	NW
I6	20190218	Drizzle	Moderate	Mid-Flood	B	9	16:30	10.77	8.2	30.85	19.9	4.17	7	113	0.21	NW
I6	20190218	Drizzle	Moderate	Mid-Flood	B	9	16:31	10.88	8.08	30.91	19.8	4.13	6	113	0.21	NW
I6	20190218	Drizzle	Moderate	Mid-Flood	M	5	16:31	10.97	8.35	30.88	20	3.87	7	112	0.34	NW
I6	20190218	Drizzle	Moderate	Mid-Flood	M	5	16:31	11.06	8.02	30.45	19.8	3.91	6	113	0.36	NW
I6	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:32	11	8.42	30.81	19.8	3.37	6	113	0.47	NW
I6	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:32	10.86	8.18	30.21	19.9	3.45	6	113	0.46	NW
I7	20190218	Drizzle	Moderate	Mid-Flood	B	10.3	16:25	10.78	8.23	30.84	19.8	4.49	6	113	0.22	NW
I7	20190218	Drizzle	Moderate	Mid-Flood	B	10.3	16:25	10.75	8	30.92	20	4.54	5	112	0.2	NW
I7	20190218	Drizzle	Moderate	Mid-Flood	M	5.7	16:25	10.66	8.04	30.76	19.8	3.72	5	113	0.37	NW
I7	20190218	Drizzle	Moderate	Mid-Flood	M	5.7	16:26	10.55	8.42	30.08	19.8	3.65	5	113	0.39	NW
I7	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:26	10.51	8.12	30.64	20	3.13	6	111	0.5	NW
I7	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:26	10.34	8.18	30.65	19.8	3.2	6	112	0.48	NW
I8	20190218	Drizzle	Moderate	Mid-Flood	B	10.4	16:21	10.54	8.01	30.56	19.9	4.2	4	113	0.2	NW
I8	20190218	Drizzle	Moderate	Mid-Flood	B	10.4	16:21	10.39	8.32	30.52	19.9	4.17	5	111	0.19	NW
I8	20190218	Drizzle	Moderate	Mid-Flood	M	5.7	16:22	10.44	8.25	31	20	3.77	4	110	0.39	NW
I8	20190218	Drizzle	Moderate	Mid-Flood	M	5.7	16:22	10.58	8.49	30.11	19.8	3.81	5	112	0.37	NW
I8	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:22	10.68	8.42	30.95	19.9	3.41	5	113	0.4	NW
I8	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:23	10.79	8.28	31	19.8	3.38	5	113	0.39	NW
I9	20190218	Drizzle	Moderate	Mid-Flood	B	9.9	16:17	10	8	30.85	20	4.1	4	113	0.2	NW
I9	20190218	Drizzle	Moderate	Mid-Flood	B	9.9	16:17	9.92	8.25	30.39	20	4	5	112	0.22	NW
I9	20190218	Drizzle	Moderate	Mid-Flood	M	5.5	16:18	9.8	8.04	30	20	3.6	4	112	0.4	NW
I9	20190218	Drizzle	Moderate	Mid-Flood	M	5.5	16:18	10	8.27	30	20	3.67	5	113	0.41	NW
I9	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:19	9.93	8.23	30.7	19.9	3.2	4	113	0.45	NW
I9	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:19	10.05	8.26	30.58	19.9	3.3	5	113	0.43	NW
I10	20190218	Drizzle	Moderate	Mid-Flood	B	10.3	16:12	10.6	8	30.02	19.9	4	5	112	0.27	NW
I10	20190218	Drizzle	Moderate	Mid-Flood	B	10.3	16:13	10.48	8	30.67	19.9	4.05	4	112	0.28	NW
I10	20190218	Drizzle	Moderate	Mid-Flood	M	5.7	16:13	10.37	8.03	30.55	20	3.6	6	112	0.37	NW
I10	20190218	Drizzle	Moderate	Mid-Flood	M	5.7	16:14	10.57	8.1	30.92	19.9	3.58	5	113	0.36	NW
I10	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:14	10.64	8.05	30.8	20	3.14	6	113	0.49	NW
I10	20190218	Drizzle	Moderate	Mid-Flood	S	1	16:14	10.59	8.16	30.86	20	3.17	5	112	0.49	NW



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

Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC1	20190219	Cloudy	Calm	Mid-Ebb	B	9.8	12:03	10.53	8.31	30.43	19.3	4.58	7	112	0.35	SE
UC1	20190219	Cloudy	Calm	Mid-Ebb	B	9.8	12:03	10.59	8.05	30.16	19.5	4.57	7	111	0.34	SE
UC1	20190219	Cloudy	Calm	Mid-Ebb	M	5.4	12:03	10.69	8.01	30.7	19.3	4.5	6	112	0.48	SE
UC1	20190219	Cloudy	Calm	Mid-Ebb	M	5.4	12:04	10.77	8.16	30.32	19.4	4.51	7	110	0.47	SE
UC1	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:04	10.74	8.43	30.61	19.5	3.99	6	111	0.54	SE
UC1	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:04	10.81	8.04	30.16	19.4	3.93	7	112	0.56	SE
UC2	20190219	Cloudy	Calm	Mid-Ebb	B	9.7	12:09	10.19	8.38	30.03	19.3	4.65	9	111	0.3	SE
UC2	20190219	Cloudy	Calm	Mid-Ebb	B	9.7	12:09	10.09	8.47	30.36	19.3	4.59	8	111	0.32	SE
UC2	20190219	Cloudy	Calm	Mid-Ebb	M	5.4	12:10	10.1	8.25	30.44	19.5	4.35	6	111	0.46	SE
UC2	20190219	Cloudy	Calm	Mid-Ebb	M	5.4	12:10	10.2	8.24	30.72	19.3	4.28	7	112	0.44	SE
UC2	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:10	10.15	8.29	31	19.4	3.86	8	113	0.5	SE
UC2	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:11	10.17	8.16	30.18	19.5	3.82	9	112	0.49	SE
I1	20190219	Cloudy	Calm	Mid-Ebb	B	9.9	12:16	10.57	8.17	30.13	19.5	4.69	7	110	0.33	SE
I1	20190219	Cloudy	Calm	Mid-Ebb	B	9.9	12:16	10.5	8.25	30.43	19.4	4.69	7	110	0.34	SE
I1	20190219	Cloudy	Calm	Mid-Ebb	M	5.5	12:17	10.44	8.25	30.83	19.3	4.27	7	110	0.4	SE
I1	20190219	Cloudy	Calm	Mid-Ebb	M	5.5	12:17	10.35	8.27	30.26	19.4	4.22	7	111	0.42	SE
I1	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:18	10.4	8.16	30.8	19.5	3.61	7	112	0.59	SE
I1	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:18	10.47	8.02	30.67	19.3	3.61	6	112	0.59	SE
I2	20190219	Cloudy	Calm	Mid-Ebb	B	9.3	12:21	10.27	8.19	30.71	19.4	4.56	8	112	0.33	SE
I2	20190219	Cloudy	Calm	Mid-Ebb	B	9.3	12:22	10.28	8.35	30.68	19.4	4.52	9	110	0.33	SE
I2	20190219	Cloudy	Calm	Mid-Ebb	M	5.2	12:22	10.28	8.36	30.68	19.3	4.33	9	111	0.43	SE
I2	20190219	Cloudy	Calm	Mid-Ebb	M	5.2	12:23	10.21	8.39	30.78	19.3	4.29	10	111	0.44	SE
I2	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:23	10.24	8.32	30.29	19.5	3.92	10	111	0.56	SE
I2	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:23	10.32	8.24	30.56	19.4	3.83	11	111	0.54	SE
I3	20190219	Cloudy	Calm	Mid-Ebb	B	10.4	12:27	9.91	8.36	30.77	19.4	4.59	10	112	0.35	SE
I3	20190219	Cloudy	Calm	Mid-Ebb	B	10.4	12:27	9.97	8.32	30.6	19.4	4.54	9	111	0.35	SE
I3	20190219	Cloudy	Calm	Mid-Ebb	M	5.7	12:27	9.88	8.1	30.31	19.4	4.45	9	112	0.45	SE
I3	20190219	Cloudy	Calm	Mid-Ebb	M	5.7	12:28	9.87	8.37	30.46	19.3	4.46	10	112	0.46	SE
I3	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:28	9.95	8.12	30.47	19.5	3.75	9	110	0.57	SE
I3	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:29	10	8.44	30.55	19.3	3.82	9	111	0.55	SE
I4	20190219	Cloudy	Calm	Mid-Ebb	B	10.4	12:31	9.88	8.2	30.96	19.4	4.98	7	110	0.3	SE
I4	20190219	Cloudy	Calm	Mid-Ebb	B	10.4	12:31	9.81	8.27	30.6	19.5	5	6	112	0.31	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I4	20190219	Cloudy	Calm	Mid-Ebb	M	5.7	12:32	9.77	8.47	30.48	19.3	4.16	8	111	0.45	SE
I4	20190219	Cloudy	Calm	Mid-Ebb	M	5.7	12:32	9.82	8.24	30.17	19.4	4.2	8	111	0.46	SE
I4	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:33	9.89	8.15	30.14	19.3	3.61	8	110	0.55	SE
I4	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:33	9.8	8.28	30.74	19.5	3.62	7	111	0.57	SE
I5	20190219	Cloudy	Calm	Mid-Ebb	B	9.5	12:37	10.6	8.08	30.97	19.5	4.66	10	112	0.38	SE
I5	20190219	Cloudy	Calm	Mid-Ebb	B	9.5	12:38	10.63	8.01	30.21	19.3	4.69	10	112	0.37	SE
I5	20190219	Cloudy	Calm	Mid-Ebb	M	5.3	12:38	10.73	8.04	30.53	19.5	4.45	10	110	0.48	SE
I5	20190219	Cloudy	Calm	Mid-Ebb	M	5.3	12:38	10.83	8.48	30.59	19.4	4.37	10	111	0.46	SE
I5	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:39	10.75	8.45	30.52	19.4	3.92	8	110	0.54	SE
I5	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:39	10.73	8.21	30.63	19.5	3.88	8	110	0.54	SE
I6	20190219	Cloudy	Calm	Mid-Ebb	B	10	12:59	9.67	8.27	30.81	19.4	4.7	10	112	0.37	SE
I6	20190219	Cloudy	Calm	Mid-Ebb	B	10	12:59	9.58	8.13	30.46	19.5	4.79	10	111	0.38	SE
I6	20190219	Cloudy	Calm	Mid-Ebb	M	5.5	12:59	9.54	8.16	30.27	19.3	4.45	8	112	0.47	SE
I6	20190219	Cloudy	Calm	Mid-Ebb	M	5.5	13:00	9.62	8.38	30.82	19.5	4.5	9	111	0.46	SE
I6	20190219	Cloudy	Calm	Mid-Ebb	S	1	13:00	9.54	8.4	30.22	19.4	3.75	9	112	0.55	SE
I6	20190219	Cloudy	Calm	Mid-Ebb	S	1	13:01	9.62	8.3	30.29	19.4	3.71	9	112	0.56	SE
I7	20190219	Cloudy	Calm	Mid-Ebb	B	9.3	12:55	9.93	8.06	30.63	19.5	4.6	8	111	0.34	SE
I7	20190219	Cloudy	Calm	Mid-Ebb	B	9.3	12:55	9.99	8.24	30.95	19.3	4.62	9	111	0.35	SE
I7	20190219	Cloudy	Calm	Mid-Ebb	M	5.2	12:56	10.04	8.31	30.84	19.4	4.23	7	111	0.41	SE
I7	20190219	Cloudy	Calm	Mid-Ebb	M	5.2	12:56	10.02	8.43	30.18	19.3	4.16	8	111	0.39	SE
I7	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:56	9.93	8.25	30.42	19.5	3.89	10	111	0.54	SE
I7	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:57	9.95	8.37	30.97	19.5	3.87	10	111	0.54	SE
I8	20190219	Cloudy	Calm	Mid-Ebb	B	10	12:50	9.82	8.09	30.21	19.5	4.52	9	111	0.4	SE
I8	20190219	Cloudy	Calm	Mid-Ebb	B	10	12:51	9.82	8.11	30.01	19.4	4.56	8	111	0.38	SE
I8	20190219	Cloudy	Calm	Mid-Ebb	M	5.5	12:51	9.8	8.22	30.23	19.3	4.49	8	111	0.47	SE
I8	20190219	Cloudy	Calm	Mid-Ebb	M	5.5	12:51	9.88	8.19	30.49	19.4	4.59	8	111	0.49	SE
I8	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:52	9.85	8.18	30.08	19.3	3.84	8	112	0.51	SE
I8	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:52	9.89	8.22	30.88	19.5	3.84	8	110	0.51	SE
I9	20190219	Cloudy	Calm	Mid-Ebb	B	9.1	12:46	10.19	8.2	30.28	19.4	4.78	6	111	0.4	SE
I9	20190219	Cloudy	Calm	Mid-Ebb	B	9.1	12:46	10.18	8.24	30.6	19.4	4.72	7	111	0.38	SE
I9	20190219	Cloudy	Calm	Mid-Ebb	M	5.1	12:46	10.18	8.49	30.3	19.3	4.46	8	112	0.44	SE
I9	20190219	Cloudy	Calm	Mid-Ebb	M	5.1	12:47	10.08	8.41	30.68	19.4	4.41	9	111	0.44	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I9	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:47	10.04	8.36	30.33	19.3	3.55	7	111	0.52	SE
I9	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:47	10.02	8.01	30.96	19.5	3.49	7	111	0.53	SE
I10	20190219	Cloudy	Calm	Mid-Ebb	B	9.3	12:42	9.88	8.22	30.15	19.3	4.61	9	93	0.37	SE
I10	20190219	Cloudy	Calm	Mid-Ebb	B	9.3	12:42	9.82	8.44	30.69	19.3	4.51	9	107	0.36	SE
I10	20190219	Cloudy	Calm	Mid-Ebb	M	5.2	12:43	9.88	8.11	30.39	19.5	4.06	9	79	0.43	SE
I10	20190219	Cloudy	Calm	Mid-Ebb	M	5.2	12:43	9.84	8.04	30.85	19.4	4.07	9	78	0.44	SE
I10	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:43	9.92	8.19	30.03	19.5	3.97	8	112	0.56	SE
I10	20190219	Cloudy	Calm	Mid-Ebb	S	1	12:44	9.89	8.21	30.99	19.3	3.98	8	112	0.56	SE
UC1	20190219	Cloudy	Light	Mid-Flood	B	10.8	14:54	9.6	8.28	30.34	19.4	4.75	5	110	0.39	NW
UC1	20190219	Cloudy	Light	Mid-Flood	B	10.8	14:54	9.66	8.25	30.55	19.4	4.85	5	109	0.38	NW
UC1	20190219	Cloudy	Light	Mid-Flood	M	5.9	14:55	9.57	8.05	30.34	19.4	4.14	4	111	0.48	NW
UC1	20190219	Cloudy	Light	Mid-Flood	M	5.9	14:55	9.65	8.27	30.65	19.5	4.09	5	111	0.49	NW
UC1	20190219	Cloudy	Light	Mid-Flood	S	1	14:56	9.7	8.06	30.6	19.4	3.52	6	111	0.57	NW
UC1	20190219	Cloudy	Light	Mid-Flood	S	1	14:56	9.8	8.41	30.7	19.5	3.52	6	109	0.57	NW
UC2	20190219	Cloudy	Light	Mid-Flood	B	9.6	14:59	10.2	8.49	30.91	19.4	4.84	7	109	0.3	NW
UC2	20190219	Cloudy	Light	Mid-Flood	B	9.6	15:00	10.15	8.11	30.26	19.5	4.76	7	110	0.32	NW
UC2	20190219	Cloudy	Light	Mid-Flood	M	5.3	15:00	10.25	8.27	30.23	19.3	4.15	7	111	0.5	NW
UC2	20190219	Cloudy	Light	Mid-Flood	M	5.3	15:01	10.28	8.35	30	19.3	4.25	7	109	0.48	NW
UC2	20190219	Cloudy	Light	Mid-Flood	S	1	15:01	10.37	8.15	30.88	19.4	3.59	6	110	0.54	NW
UC2	20190219	Cloudy	Light	Mid-Flood	S	1	15:01	10.44	8	30.07	19.4	3.56	6	110	0.52	NW
I1	20190219	Cloudy	Light	Mid-Flood	B	9.6	15:05	10.52	8.02	30.95	19.3	4.74	8	111	0.38	NW
I1	20190219	Cloudy	Light	Mid-Flood	B	9.6	15:05	10.58	8.36	30.77	19.4	4.72	9	110	0.39	NW
I1	20190219	Cloudy	Light	Mid-Flood	M	5.3	15:05	10.67	8.19	30.97	19.4	4.12	9	111	0.49	NW
I1	20190219	Cloudy	Light	Mid-Flood	M	5.3	15:06	10.6	8.34	30.15	19.3	4.11	9	110	0.48	NW
I1	20190219	Cloudy	Light	Mid-Flood	S	1	15:06	10.65	8.08	30.34	19.4	3.73	10	110	0.6	NW
I1	20190219	Cloudy	Light	Mid-Flood	S	1	15:07	10.75	8.09	30.65	19.4	3.65	10	108	0.58	NW
I2	20190219	Cloudy	Light	Mid-Flood	B	9.4	15:09	9.97	8.24	30.3	19.4	4.97	8	112	0.3	NW
I2	20190219	Cloudy	Light	Mid-Flood	B	9.4	15:09	9.88	8.04	30.18	19.4	4.99	8	111	0.32	NW
I2	20190219	Cloudy	Light	Mid-Flood	M	5.2	15:10	9.87	8.28	30.7	19.4	4.17	7	112	0.47	NW
I2	20190219	Cloudy	Light	Mid-Flood	M	5.2	15:10	9.78	8.38	30.41	19.3	4.07	7	110	0.49	NW
I2	20190219	Cloudy	Light	Mid-Flood	S	1	15:11	9.84	8.41	30.85	19.4	3.81	10	110	0.57	NW
I2	20190219	Cloudy	Light	Mid-Flood	S	1	15:11	9.88	8.45	30.37	19.3	3.79	9	112	0.59	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I3	20190219	Cloudy	Light	Mid-Flood	B	11	15:14	10.05	8.26	30.81	19.5	4.74	10	112	0.38	NW
I3	20190219	Cloudy	Light	Mid-Flood	B	11	15:15	10.07	8.02	30.47	19.4	4.77	9	111	0.36	NW
I3	20190219	Cloudy	Light	Mid-Flood	M	6	15:15	10.1	8	30.59	19.3	4.46	9	111	0.5	NW
I3	20190219	Cloudy	Light	Mid-Flood	M	6	15:15	10.04	8.33	30.87	19.3	4.38	9	112	0.51	NW
I3	20190219	Cloudy	Light	Mid-Flood	S	1	15:16	10.04	8.25	30.05	19.4	3.97	8	111	0.53	NW
I3	20190219	Cloudy	Light	Mid-Flood	S	1	15:16	9.95	8.15	30.49	19.4	3.99	9	111	0.52	NW
I4	20190219	Cloudy	Light	Mid-Flood	B	9.2	15:18	10.39	8.35	30.78	19.3	4.7	8	112	0.37	NW
I4	20190219	Cloudy	Light	Mid-Flood	B	9.2	15:18	10.37	8.37	30.94	19.4	4.66	8	111	0.35	NW
I4	20190219	Cloudy	Light	Mid-Flood	M	5.1	15:18	10.38	8.32	30.84	19.5	4.01	9	112	0.47	NW
I4	20190219	Cloudy	Light	Mid-Flood	M	5.1	15:19	10.29	8.48	30.15	19.4	3.97	9	112	0.49	NW
I4	20190219	Cloudy	Light	Mid-Flood	S	1	15:19	10.2	8.07	30.11	19.5	3.71	9	112	0.6	NW
I4	20190219	Cloudy	Light	Mid-Flood	S	1	15:20	10.1	8.25	30.81	19.5	3.72	9	111	0.58	NW
I5	20190219	Cloudy	Light	Mid-Flood	B	9.7	15:22	10.36	8.22	30.62	19.3	4.69	7	111	0.3	NW
I5	20190219	Cloudy	Light	Mid-Flood	B	9.7	15:22	10.4	8	30.41	19.4	4.63	7	112	0.3	NW
I5	20190219	Cloudy	Light	Mid-Flood	M	5.4	15:23	10.35	8.41	30.98	19.4	4.47	6	111	0.44	NW
I5	20190219	Cloudy	Light	Mid-Flood	M	5.4	15:23	10.33	8.22	30.85	19.3	4.37	6	111	0.42	NW
I5	20190219	Cloudy	Light	Mid-Flood	S	1	15:23	10.27	8.16	30.71	19.4	3.79	6	111	0.51	NW
I5	20190219	Cloudy	Light	Mid-Flood	S	1	15:24	10.31	8.41	30.91	19.3	3.77	7	111	0.49	NW
I6	20190219	Cloudy	Light	Mid-Flood	B	9.2	15:46	9.67	8.3	30.21	19.3	4.71	6	111	0.34	NW
I6	20190219	Cloudy	Light	Mid-Flood	B	9.2	15:47	9.69	8.27	30	19.5	4.81	5	111	0.34	NW
I6	20190219	Cloudy	Light	Mid-Flood	M	5.1	15:47	9.71	8.38	30.56	19.3	4.3	7	112	0.5	NW
I6	20190219	Cloudy	Light	Mid-Flood	M	5.1	15:47	9.65	8.35	30.08	19.3	4.2	6	111	0.48	NW
I6	20190219	Cloudy	Light	Mid-Flood	S	1	15:48	9.75	8.39	30.74	19.3	3.75	4	111	0.59	NW
I6	20190219	Cloudy	Light	Mid-Flood	S	1	15:48	9.7	8.32	30.23	19.5	3.8	5	112	0.58	NW
I7	20190219	Cloudy	Light	Mid-Flood	B	9	15:42	9.86	8.43	30.6	19.3	4.61	7	112	0.4	NW
I7	20190219	Cloudy	Light	Mid-Flood	B	9	15:42	9.93	8.29	30.6	19.5	4.61	6	111	0.41	NW
I7	20190219	Cloudy	Light	Mid-Flood	M	5	15:42	9.88	8.41	30.61	19.4	4.13	5	112	0.49	NW
I7	20190219	Cloudy	Light	Mid-Flood	M	5	15:43	9.97	8.01	30.37	19.5	4.18	6	112	0.49	NW
I7	20190219	Cloudy	Light	Mid-Flood	S	1	15:43	10.01	8.25	30.39	19.4	3.9	5	111	0.6	NW
I7	20190219	Cloudy	Light	Mid-Flood	S	1	15:43	9.98	8.27	30.02	19.3	3.81	5	111	0.59	NW
I8	20190219	Cloudy	Light	Mid-Flood	B	9	15:35	10.29	8.23	30.58	19.4	4.96	6	112	0.38	NW
I8	20190219	Cloudy	Light	Mid-Flood	B	9	15:35	10.2	8.38	30.45	19.5	5	4	111	0.38	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I8	20190219	Cloudy	Light	Mid-Flood	M	5	15:36	10.19	8.36	30.86	19.4	4.32	5	111	0.43	NW
I8	20190219	Cloudy	Light	Mid-Flood	M	5	15:36	10.17	8.37	30.32	19.4	4.41	6	111	0.45	NW
I8	20190219	Cloudy	Light	Mid-Flood	S	1	15:36	10.21	8.3	30.73	19.5	3.5	6	111	0.51	NW
I8	20190219	Cloudy	Light	Mid-Flood	S	1	15:37	10.27	8.16	30.35	19.3	3.58	7	111	0.49	NW
I9	20190219	Cloudy	Light	Mid-Flood	B	9.9	15:31	10.15	8.05	30.91	19.3	4.66	9	111	0.4	NW
I9	20190219	Cloudy	Light	Mid-Flood	B	9.9	15:31	10.12	8.36	30.59	19.5	4.73	10	112	0.41	NW
I9	20190219	Cloudy	Light	Mid-Flood	M	5.5	15:32	10.17	8.04	30.01	19.3	4.3	8	112	0.43	NW
I9	20190219	Cloudy	Light	Mid-Flood	M	5.5	15:32	10.11	8.08	30.17	19.3	4.27	9	112	0.42	NW
I9	20190219	Cloudy	Light	Mid-Flood	S	1	15:33	10.1	8.09	30.02	19.5	3.78	6	111	0.52	NW
I9	20190219	Cloudy	Light	Mid-Flood	S	1	15:33	10.13	8.21	30.77	19.4	3.78	6	110	0.52	NW
I10	20190219	Cloudy	Light	Mid-Flood	B	9.1	15:36	10.28	8.28	30.62	19.5	4.58	4	110	0.35	NW
I10	20190219	Cloudy	Light	Mid-Flood	B	9.1	15:37	10.28	8.19	30.15	19.3	4.51	5	111	0.35	NW
I10	20190219	Cloudy	Light	Mid-Flood	M	5.1	15:37	10.22	8.44	30.51	19.5	4.05	8	112	0.5	NW
I10	20190219	Cloudy	Light	Mid-Flood	M	5.1	15:38	10.16	8.03	30.34	19.4	4.12	8	112	0.51	NW
I10	20190219	Cloudy	Light	Mid-Flood	S	1	15:38	10.23	8.3	30.41	19.3	3.93	7	110	0.57	NW
I10	20190219	Cloudy	Light	Mid-Flood	S	1	15:38	10.33	8.39	30.73	19.3	3.92	8	112	0.55	NW
UC1	20190220	Cloudy	Light	Mid-Ebb	B	10.3	14:03	10.65	8.62	30.93	20.4	4.13	8	115	0.21	SE
UC1	20190220	Cloudy	Light	Mid-Ebb	B	10.3	14:03	10.56	8.75	30.65	20.5	4.17	7	113	0.22	SE
UC1	20190220	Cloudy	Light	Mid-Ebb	M	5.7	14:04	10.52	8.38	30.01	20.5	3.51	7	114	0.34	SE
UC1	20190220	Cloudy	Light	Mid-Ebb	M	5.7	14:04	10.65	8.32	30.77	20.4	3.49	8	114	0.32	SE
UC1	20190220	Cloudy	Light	Mid-Ebb	S	1	14:05	10.57	8.65	30.81	20.4	3	6	114	0.45	SE
UC1	20190220	Cloudy	Light	Mid-Ebb	S	1	14:05	10.71	8.73	30.27	20.6	3.06	6	114	0.43	SE
UC2	20190220	Cloudy	Light	Mid-Ebb	B	11	14:08	10.85	8.32	30.62	20.5	4.13	6	114	0.16	SE
UC2	20190220	Cloudy	Light	Mid-Ebb	B	11	14:08	10.81	8.51	30.32	20.4	4.08	6	114	0.16	SE
UC2	20190220	Cloudy	Light	Mid-Ebb	M	6	14:09	10.75	8.7	30.67	20.6	3.87	7	113	0.27	SE
UC2	20190220	Cloudy	Light	Mid-Ebb	M	6	14:09	10.71	8.47	31.38	20.4	3.79	8	114	0.29	SE
UC2	20190220	Cloudy	Light	Mid-Ebb	S	1	14:10	10.68	8.33	30.82	20.6	3.5	7	114	0.37	SE
UC2	20190220	Cloudy	Light	Mid-Ebb	S	1	14:10	10.77	8.31	30.97	20.5	3.59	6	114	0.37	SE
I1	20190220	Cloudy	Light	Mid-Ebb	B	10.6	14:15	11.24	8.58	30	20.5	4.06	6	113	0.22	SE
I1	20190220	Cloudy	Light	Mid-Ebb	B	10.6	14:15	11.1	8.6	30.75	20.5	4.12	6	113	0.22	SE
I1	20190220	Cloudy	Light	Mid-Ebb	M	5.8	14:16	11.28	8.74	30.56	20.5	3.88	9	112	0.34	SE
I1	20190220	Cloudy	Light	Mid-Ebb	M	5.8	14:16	11.08	8.61	31.28	20.5	3.9	8	113	0.35	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I1	20190220	Cloudy	Light	Mid-Ebb	S	1	14:17	11.21	8.48	30.98	20.6	3.5	8	113	0.38	SE
I1	20190220	Cloudy	Light	Mid-Ebb	S	1	14:17	11.16	8.3	31.2	20.6	3.57	8	114	0.38	SE
I2	20190220	Cloudy	Light	Mid-Ebb	B	10.8	14:19	11.08	8.37	30.18	20.6	4.33	7	113	0.15	SE
I2	20190220	Cloudy	Light	Mid-Ebb	B	10.8	14:19	11.09	8.69	31.16	20.6	4.3	6	113	0.13	SE
I2	20190220	Cloudy	Light	Mid-Ebb	M	5.9	14:20	11.28	8.78	30.72	20.6	3.74	9	113	0.31	SE
I2	20190220	Cloudy	Light	Mid-Ebb	M	5.9	14:20	11.16	8.44	30.21	20.6	3.81	8	113	0.32	SE
I2	20190220	Cloudy	Light	Mid-Ebb	S	1	14:21	11.11	8.61	30.89	20.5	3.49	8	113	0.42	SE
I2	20190220	Cloudy	Light	Mid-Ebb	S	1	14:21	10.94	8.49	30.5	20.5	3.5	8	113	0.44	SE
I3	20190220	Cloudy	Light	Mid-Ebb	B	9.5	14:23	10.85	8.34	31.12	20.5	4.2	6	113	0.21	SE
I3	20190220	Cloudy	Light	Mid-Ebb	B	9.5	14:23	10.99	8.58	30.52	20.5	4.23	6	113	0.2	SE
I3	20190220	Cloudy	Light	Mid-Ebb	M	5.3	14:24	10.88	8.59	31.4	20.5	3.65	6	114	0.3	SE
I3	20190220	Cloudy	Light	Mid-Ebb	M	5.3	14:24	11.04	8.46	30.57	20.6	3.61	5	113	0.29	SE
I3	20190220	Cloudy	Light	Mid-Ebb	S	1	14:25	10.89	8.45	30.32	20.6	3.18	8	112	0.37	SE
I3	20190220	Cloudy	Light	Mid-Ebb	S	1	14:25	10.96	8.44	30.75	20.4	3.22	7	113	0.39	SE
I4	20190220	Cloudy	Light	Mid-Ebb	B	10.4	14:28	11.48	8.31	31.33	20.6	4.43	4	113	0.21	SE
I4	20190220	Cloudy	Light	Mid-Ebb	B	10.4	14:29	11.6	8.64	31.19	20.5	4.42	3	113	0.22	SE
I4	20190220	Cloudy	Light	Mid-Ebb	M	5.7	14:29	11.55	8.42	30.98	20.5	3.61	6	114	0.3	SE
I4	20190220	Cloudy	Light	Mid-Ebb	M	5.7	14:30	11.62	8.64	31	20.6	3.59	5	112	0.3	SE
I4	20190220	Cloudy	Light	Mid-Ebb	S	1	14:30	11.68	8.44	30.51	20.6	3.07	5	112	0.45	SE
I4	20190220	Cloudy	Light	Mid-Ebb	S	1	14:31	11.72	8.5	30.74	20.5	3.17	6	113	0.47	SE
I5	20190220	Cloudy	Light	Mid-Ebb	B	9.7	14:32	10.66	8.39	30.55	20.5	4.15	6	113	0.21	SE
I5	20190220	Cloudy	Light	Mid-Ebb	B	9.7	14:33	10.51	8.31	31	20.4	4.21	6	113	0.21	SE
I5	20190220	Cloudy	Light	Mid-Ebb	M	5.4	14:33	10.38	8.48	30.68	20.6	3.82	6	114	0.28	SE
I5	20190220	Cloudy	Light	Mid-Ebb	M	5.4	14:34	10.28	8.73	30.78	20.4	3.89	7	113	0.27	SE
I5	20190220	Cloudy	Light	Mid-Ebb	S	1	14:34	10.21	8.42	30.58	20.6	3.22	7	113	0.41	SE
I5	20190220	Cloudy	Light	Mid-Ebb	S	1	14:35	10.02	8.43	30.81	20.5	3.3	6	113	0.39	SE
I6	20190220	Cloudy	Light	Mid-Ebb	B	9.5	14:52	10.91	8.35	30.52	20.5	4.37	5	113	0.25	SE
I6	20190220	Cloudy	Light	Mid-Ebb	B	9.5	14:53	10.79	8.38	30.34	20.5	4.27	6	112	0.26	SE
I6	20190220	Cloudy	Light	Mid-Ebb	M	5.3	14:53	10.59	8.74	30.23	20.4	3.8	6	113	0.31	SE
I6	20190220	Cloudy	Light	Mid-Ebb	M	5.3	14:54	10.74	8.5	30.96	20.4	3.7	5	114	0.3	SE
I6	20190220	Cloudy	Light	Mid-Ebb	S	1	14:54	10.83	8.51	30.76	20.5	3.37	7	113	0.4	SE
I6	20190220	Cloudy	Light	Mid-Ebb	S	1	14:55	10.87	8.58	30.95	20.6	3.44	8	112	0.41	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I7	20190220	Cloudy	Light	Mid-Ebb	B	10.4	14:48	11.34	8.53	31.14	20.6	4.07	8	112	0.2	SE
I7	20190220	Cloudy	Light	Mid-Ebb	B	10.4	14:49	11.17	8.67	31.12	20.5	4.07	8	113	0.19	SE
I7	20190220	Cloudy	Light	Mid-Ebb	M	5.7	14:49	11.37	8.3	30.99	20.6	3.63	7	112	0.34	SE
I7	20190220	Cloudy	Light	Mid-Ebb	M	5.7	14:50	11.18	8.4	31.34	20.4	3.68	8	112	0.33	SE
I7	20190220	Cloudy	Light	Mid-Ebb	S	1	14:50	11.11	8.38	30.7	20.5	3.23	7	114	0.36	SE
I7	20190220	Cloudy	Light	Mid-Ebb	S	1	14:51	11.14	8.75	30.3	20.5	3.32	7	113	0.37	SE
I8	20190220	Cloudy	Light	Mid-Ebb	B	11	14:44	10.72	8.32	30.27	20.5	4.18	8	114	0.18	SE
I8	20190220	Cloudy	Light	Mid-Ebb	B	11	14:45	10.66	8.78	30	20.5	4.21	8	114	0.2	SE
I8	20190220	Cloudy	Light	Mid-Ebb	M	6	14:45	10.83	8.71	30.04	20.6	3.58	8	113	0.3	SE
I8	20190220	Cloudy	Light	Mid-Ebb	M	6	14:46	10.72	8.65	30.98	20.5	3.6	7	114	0.28	SE
I8	20190220	Cloudy	Light	Mid-Ebb	S	1	14:46	10.8	8.55	30.17	20.6	3.18	8	114	0.41	SE
I8	20190220	Cloudy	Light	Mid-Ebb	S	1	14:47	10.64	8.8	30.79	20.4	3.19	8	113	0.39	SE
I9	20190220	Cloudy	Light	Mid-Ebb	B	9.7	14:40	10.69	8.51	30.2	20.6	4.34	10	113	0.24	SE
I9	20190220	Cloudy	Light	Mid-Ebb	B	9.7	14:40	10.76	8.71	30.66	20.6	4.39	10	114	0.23	SE
I9	20190220	Cloudy	Light	Mid-Ebb	M	5.4	14:41	10.72	8.43	30.52	20.6	3.69	9	114	0.31	SE
I9	20190220	Cloudy	Light	Mid-Ebb	M	5.4	14:41	10.9	8.39	30.01	20.4	3.73	10	113	0.33	SE
I9	20190220	Cloudy	Light	Mid-Ebb	S	1	14:42	10.71	8.71	30.72	20.4	3.31	9	114	0.41	SE
I9	20190220	Cloudy	Light	Mid-Ebb	S	1	14:42	10.86	8.43	30.07	20.4	3.34	9	114	0.4	SE
I10	20190220	Cloudy	Light	Mid-Ebb	B	10.4	14:36	10.98	8.56	30.76	20.6	4.24	8	114	0.15	SE
I10	20190220	Cloudy	Light	Mid-Ebb	B	10.4	14:36	10.87	8.79	30.81	20.6	4.15	8	114	0.16	SE
I10	20190220	Cloudy	Light	Mid-Ebb	M	5.7	14:37	10.9	8.76	30.38	20.5	3.65	7	114	0.33	SE
I10	20190220	Cloudy	Light	Mid-Ebb	M	5.7	14:37	10.72	8.57	30.4	20.6	3.61	8	114	0.35	SE
I10	20190220	Cloudy	Light	Mid-Ebb	S	1	14:38	10.69	8.47	30.54	20.5	3.06	8	115	0.43	SE
I10	20190220	Cloudy	Light	Mid-Ebb	S	1	14:38	10.53	8.66	30.85	20.4	3.06	7	115	0.42	SE
UC1	20190220	Sunny	Moderate	Mid-Flood	B	10.8	16:20	11.25	8.3	31	20.6	4.46	7	113	0.25	NW
UC1	20190220	Sunny	Moderate	Mid-Flood	B	10.8	16:20	11.23	8.62	31.04	20.4	4.53	7	113	0.23	NW
UC1	20190220	Sunny	Moderate	Mid-Flood	M	5.9	16:21	11.2	8.58	31.37	20.5	3.88	6	113	0.35	NW
UC1	20190220	Sunny	Moderate	Mid-Flood	M	5.9	16:21	11.15	8.63	30.81	20.5	3.98	5	113	0.34	NW
UC1	20190220	Sunny	Moderate	Mid-Flood	S	1	16:22	11	8.77	31.4	20.5	3.43	5	114	0.35	NW
UC1	20190220	Sunny	Moderate	Mid-Flood	S	1	16:22	10.92	8.7	30.09	20.4	3.48	5	114	0.35	NW
UC2	20190220	Sunny	Moderate	Mid-Flood	B	10.8	16:25	11.06	8.68	30.83	20.4	4.12	6	114	0.25	NW
UC2	20190220	Sunny	Moderate	Mid-Flood	B	10.8	16:25	11.05	8.48	31.25	20.6	4.16	5	114	0.23	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC2	20190220	Sunny	Moderate	Mid-Flood	M	5.9	16:26	11	8.41	30.1	20.4	3.84	6	114	0.29	NW
UC2	20190220	Sunny	Moderate	Mid-Flood	M	5.9	16:26	11.16	8.32	30.72	20.4	3.76	7	115	0.27	NW
UC2	20190220	Sunny	Moderate	Mid-Flood	S	1	16:27	11.31	8.8	30.72	20.5	3.41	5	113	0.38	NW
UC2	20190220	Sunny	Moderate	Mid-Flood	S	1	16:27	11.19	8.49	31.39	20.4	3.51	6	113	0.36	NW
I1	20190220	Sunny	Moderate	Mid-Flood	B	10	16:31	10.82	8.68	30.32	20.5	4.24	8	114	0.23	NW
I1	20190220	Sunny	Moderate	Mid-Flood	B	10	16:31	10.67	8.41	31.01	20.5	4.27	9	114	0.25	NW
I1	20190220	Sunny	Moderate	Mid-Flood	M	5.5	16:32	10.49	8.68	30.8	20.6	3.54	4	114	0.27	NW
I1	20190220	Sunny	Moderate	Mid-Flood	M	5.5	16:32	10.29	8.7	30.35	20.4	3.54	5	114	0.26	NW
I1	20190220	Sunny	Moderate	Mid-Flood	S	1	16:33	10.42	8.33	30.46	20.4	3.49	5	114	0.37	NW
I1	20190220	Sunny	Moderate	Mid-Flood	S	1	16:33	10.59	8.74	30.46	20.5	3.55	4	114	0.35	NW
I2	20190220	Sunny	Moderate	Mid-Flood	B	10.2	16:35	11.25	8.7	30.94	20.5	4.23	7	114	0.22	NW
I2	20190220	Sunny	Moderate	Mid-Flood	B	10.2	16:36	11.36	8.31	30.06	20.4	4.26	6	113	0.23	NW
I2	20190220	Sunny	Moderate	Mid-Flood	M	5.6	16:36	11.48	8.55	31.36	20.6	3.88	6	113	0.33	NW
I2	20190220	Sunny	Moderate	Mid-Flood	M	5.6	16:37	11.6	8.52	30.9	20.6	3.93	6	115	0.32	NW
I2	20190220	Sunny	Moderate	Mid-Flood	S	1	16:37	11.72	8.67	30.19	20.6	3.25	5	114	0.43	NW
I2	20190220	Sunny	Moderate	Mid-Flood	S	1	16:38	11.61	8.7	30.18	20.6	3.33	4	115	0.42	NW
I3	20190220	Sunny	Moderate	Mid-Flood	B	10.3	16:39	10.68	8.46	31.21	20.5	4.19	8	114	0.25	NW
I3	20190220	Sunny	Moderate	Mid-Flood	B	10.3	16:40	10.62	8.74	31.1	20.6	4.24	7	113	0.27	NW
I3	20190220	Sunny	Moderate	Mid-Flood	M	5.7	16:40	10.7	8.51	30.57	20.6	3.77	4	114	0.29	NW
I3	20190220	Sunny	Moderate	Mid-Flood	M	5.7	16:41	10.75	8.71	31.16	20.5	3.74	5	114	0.29	NW
I3	20190220	Sunny	Moderate	Mid-Flood	S	1	16:41	10.81	8.76	31.22	20.6	3.43	7	114	0.36	NW
I3	20190220	Sunny	Moderate	Mid-Flood	S	1	16:42	10.93	8.61	30.66	20.5	3.5	6	114	0.38	NW
I4	20190220	Sunny	Moderate	Mid-Flood	B	9.8	16:44	11.58	8.32	31.08	20.6	4.44	7	114	0.22	NW
I4	20190220	Sunny	Moderate	Mid-Flood	B	9.8	16:45	11.76	8.37	31.32	20.6	4.4	8	114	0.22	NW
I4	20190220	Sunny	Moderate	Mid-Flood	M	5.4	16:45	11.95	8.55	30.87	20.4	3.5	8	113	0.27	NW
I4	20190220	Sunny	Moderate	Mid-Flood	M	5.4	16:46	11.94	8.55	31.35	20.4	3.5	7	114	0.28	NW
I4	20190220	Sunny	Moderate	Mid-Flood	S	1	16:46	12.05	8.43	30.9	20.6	3.07	8	113	0.4	NW
I4	20190220	Sunny	Moderate	Mid-Flood	S	1	16:47	11.94	8.39	30.04	20.6	3.14	8	114	0.39	NW
I5	20190220	Sunny	Moderate	Mid-Flood	B	10.5	16:48	10.9	8.56	31.24	20.4	4.13	6	115	0.24	NW
I5	20190220	Sunny	Moderate	Mid-Flood	B	10.5	16:49	10.89	8.68	30.82	20.6	4.23	6	115	0.26	NW
I5	20190220	Sunny	Moderate	Mid-Flood	M	5.8	16:49	10.74	8.41	31.37	20.5	3.84	7	114	0.35	NW
I5	20190220	Sunny	Moderate	Mid-Flood	M	5.8	16:50	10.75	8.35	31.38	20.5	3.91	8	115	0.35	NW



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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I5	20190220	Sunny	Moderate	Mid-Flood	S	1	16:50	10.55	8.68	31.2	20.4	3.1	6	114	0.36	NW
I5	20190220	Sunny	Moderate	Mid-Flood	S	1	16:51	10.74	8.52	31.24	20.6	3.02	7	114	0.36	NW
I6	20190220	Sunny	Moderate	Mid-Flood	B	10	17:08	11.13	8.75	31.35	20.5	4.3	4	115	0.18	NW
I6	20190220	Sunny	Moderate	Mid-Flood	B	10	17:09	11.09	8.5	30.26	20.5	4.39	4	114	0.17	NW
I6	20190220	Sunny	Moderate	Mid-Flood	M	5.5	17:09	11.1	8.34	30.76	20.5	3.54	5	114	0.26	NW
I6	20190220	Sunny	Moderate	Mid-Flood	M	5.5	17:10	11.15	8.63	30.67	20.5	3.59	5	115	0.26	NW
I6	20190220	Sunny	Moderate	Mid-Flood	S	1	17:10	11.2	8.78	30.61	20.4	3.18	6	114	0.36	NW
I6	20190220	Sunny	Moderate	Mid-Flood	S	1	17:11	11.1	8.78	31.24	20.6	3.23	Note 3	114	0.38	NW
I7	20190220	Sunny	Moderate	Mid-Flood	B	10.8	17:04	10.85	8.49	30.63	20.6	4.43	7	114	0.2	NW
I7	20190220	Sunny	Moderate	Mid-Flood	B	10.8	17:04	10.74	8.72	30.01	20.6	4.38	7	115	0.18	NW
I7	20190220	Sunny	Moderate	Mid-Flood	M	5.9	17:05	10.74	8.59	30.55	20.4	3.74	7	114	0.33	NW
I7	20190220	Sunny	Moderate	Mid-Flood	M	5.9	17:05	10.89	8.34	30.69	20.4	3.8	8	114	0.34	NW
I7	20190220	Sunny	Moderate	Mid-Flood	S	1	17:06	11.03	8.78	31.24	20.5	3.24	7	115	0.4	NW
I7	20190220	Sunny	Moderate	Mid-Flood	S	1	17:06	11.17	8.44	30.63	20.6	3.15	8	114	0.42	NW
I8	20190220	Sunny	Moderate	Mid-Flood	B	10.7	17:00	11.52	8.53	30.77	20.4	4.24	7	114	0.22	NW
I8	20190220	Sunny	Moderate	Mid-Flood	B	10.7	17:00	11.46	8.72	31.08	20.5	4.16	8	114	0.21	NW
I8	20190220	Sunny	Moderate	Mid-Flood	M	5.9	17:01	11.58	8.62	30.96	20.4	3.98	6	115	0.3	NW
I8	20190220	Sunny	Moderate	Mid-Flood	M	5.9	17:01	11.54	8.6	31.22	20.6	3.97	6	115	0.3	NW
I8	20190220	Sunny	Moderate	Mid-Flood	S	1	17:02	11.42	8.78	30.34	20.5	3.05	4	114	0.37	NW
I8	20190220	Sunny	Moderate	Mid-Flood	S	1	17:02	11.44	8.8	30.62	20.5	2.98	5	114	0.37	NW
I9	20190220	Sunny	Moderate	Mid-Flood	B	10.2	16:56	11.16	8.55	30.98	20.5	4.01	6	114	0.17	NW
I9	20190220	Sunny	Moderate	Mid-Flood	B	10.2	16:56	11.08	8.62	30.89	20.5	4.1	7	116	0.16	NW
I9	20190220	Sunny	Moderate	Mid-Flood	M	5.6	16:57	11.06	8.4	30.46	20.6	3.52	6	114	0.31	NW
I9	20190220	Sunny	Moderate	Mid-Flood	M	5.6	16:57	10.92	8.38	31.1	20.4	3.54	5	114	0.31	NW
I9	20190220	Sunny	Moderate	Mid-Flood	S	1	16:58	10.81	8.7	30.58	20.5	3.22	5	114	0.41	NW
I9	20190220	Sunny	Moderate	Mid-Flood	S	1	16:58	10.71	8.37	30.02	20.4	3.19	5	114	0.39	NW
I10	20190220	Sunny	Moderate	Mid-Flood	B	10.9	16:52	10.85	8.62	31.23	20.6	4.41	4	115	0.22	NW
I10	20190220	Sunny	Moderate	Mid-Flood	B	10.9	16:52	10.97	8.73	31.06	20.4	4.37	6	114	0.22	NW
I10	20190220	Sunny	Moderate	Mid-Flood	M	6	16:53	10.8	8.39	30.8	20.4	3.89	6	114	0.32	NW
I10	20190220	Sunny	Moderate	Mid-Flood	M	6	16:53	10.85	8.66	30.21	20.5	3.94	5	114	0.31	NW
I10	20190220	Sunny	Moderate	Mid-Flood	S	1	16:54	10.85	8.76	30.61	20.5	3.5	6	115	0.42	NW
I10	20190220	Sunny	Moderate	Mid-Flood	S	1	16:54	10.86	8.45	30.82	20.4	3.45	5	115	0.42	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC1	20190221	Sunny	Light	Mid-Flood	B	8.9	9:02	11.97	9.02	32.94	22.7	3.5	3	114	0.28	SE
UC1	20190221	Sunny	Light	Mid-Flood	B	8.9	9:02	12.1	9.06	32.74	23.2	3.59	2	112	0.29	SE
UC1	20190221	Sunny	Light	Mid-Flood	M	5	9:03	11.9	9.06	32.44	23.2	2.55	2	113	0.3	SE
UC1	20190221	Sunny	Light	Mid-Flood	M	5	9:03	11.9	9.06	32.73	23.1	2.46	2	114	0.3	SE
UC1	20190221	Sunny	Light	Mid-Flood	S	1	9:04	11.73	9.01	31.33	22.5	2.43	3	113	0.43	SE
UC1	20190221	Sunny	Light	Mid-Flood	S	1	9:04	11.68	9.06	32.11	22.7	2.36	3	114	0.42	SE
UC2	20190221	Sunny	Light	Mid-Flood	B	9.1	9:07	11.72	9.07	32.19	22.8	3.21	7	114	0.3	SE
UC2	20190221	Sunny	Light	Mid-Flood	B	9.1	9:07	12.12	8.99	31.44	23.1	3.27	7	115	0.28	SE
UC2	20190221	Sunny	Light	Mid-Flood	M	5.1	9:08	12.23	9.04	29.59	22.6	2.95	6	114	0.36	SE
UC2	20190221	Sunny	Light	Mid-Flood	M	5.1	9:08	12.15	9.03	30.61	22.9	2.86	6	114	0.38	SE
UC2	20190221	Sunny	Light	Mid-Flood	S	1	9:09	12.14	9.06	32.76	22.8	2.4	6	115	0.48	SE
UC2	20190221	Sunny	Light	Mid-Flood	S	1	9:09	12.01	9.03	29.3	23	2.3	7	114	0.46	SE
I1	20190221	Sunny	Light	Mid-Flood	B	9.9	9:12	11.84	9.01	31.09	22.6	3.5	8	112	0.25	SE
I1	20190221	Sunny	Light	Mid-Flood	B	9.9	9:12	11.65	9.06	30.32	23	3.47	8	113	0.23	SE
I1	20190221	Sunny	Light	Mid-Flood	M	5.5	9:13	12.24	9	32.79	23	2.57	6	113	0.4	SE
I1	20190221	Sunny	Light	Mid-Flood	M	5.5	9:13	12.09	9	32.14	22.8	2.52	5	113	0.4	SE
I1	20190221	Sunny	Light	Mid-Flood	S	1	9:14	12	9.02	31.58	22.9	2.16	6	114	0.41	SE
I1	20190221	Sunny	Light	Mid-Flood	S	1	9:14	12.08	9.05	30.36	22.7	2.07	6	115	0.39	SE
I2	20190221	Sunny	Light	Mid-Flood	B	10.8	9:17	11.93	9.05	31.88	23.2	3.01	4	113	0.24	SE
I2	20190221	Sunny	Light	Mid-Flood	B	10.8	9:17	11.84	9.07	29.32	22.6	3.09	4	113	0.23	SE
I2	20190221	Sunny	Light	Mid-Flood	M	5.9	9:18	11.94	9.06	29.38	22.8	2.51	4	113	0.36	SE
I2	20190221	Sunny	Light	Mid-Flood	M	5.9	9:18	11.49	8.99	30.95	22.8	2.47	3	113	0.34	SE
I2	20190221	Sunny	Light	Mid-Flood	S	1	9:19	11.41	9.05	30.02	23.2	2.18	4	113	0.5	SE
I2	20190221	Sunny	Light	Mid-Flood	S	1	9:19	11.22	9	30.99	22.6	2.16	4	114	0.5	SE
I3	20190221	Sunny	Light	Mid-Flood	B	9	9:21	11.14	8.98	29.75	22.8	3.47	4	112	0.28	SE
I3	20190221	Sunny	Light	Mid-Flood	B	9	9:21	11.29	8.99	32.58	22.5	3.37	4	113	0.27	SE
I3	20190221	Sunny	Light	Mid-Flood	M	5	9:22	11.2	9.01	31.15	22.9	2.7	6	113	0.32	SE
I3	20190221	Sunny	Light	Mid-Flood	M	5	9:22	11.13	8.98	32.51	22.9	2.77	5	114	0.34	SE
I3	20190221	Sunny	Light	Mid-Flood	S	1	9:23	12.25	9.02	30.17	22.5	2.12	8	114	0.47	SE
I3	20190221	Sunny	Light	Mid-Flood	S	1	9:23	12.2	8.99	32.17	22.5	2.11	6	113	0.46	SE
I4	20190221	Sunny	Light	Mid-Flood	B	10.4	9:25	12.28	9.04	31.78	22.5	3.38	6	113	0.26	SE
I4	20190221	Sunny	Light	Mid-Flood	B	10.4	9:25	12.28	9.03	30.96	23.2	3.44	7	113	0.27	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I4	20190221	Sunny	Light	Mid-Flood	M	5.7	9:26	12.48	9.02	30.17	23	2.64	6	113	0.31	SE
I4	20190221	Sunny	Light	Mid-Flood	M	5.7	9:26	12.49	9.01	32.06	22.6	2.57	5	113	0.3	SE
I4	20190221	Sunny	Light	Mid-Flood	S	1	9:27	12.54	9.04	30.82	22.6	2.44	7	113	0.47	SE
I4	20190221	Sunny	Light	Mid-Flood	S	1	9:27	12.26	9.07	30.85	23.1	2.45	6	114	0.46	SE
I5	20190221	Sunny	Light	Mid-Flood	B	10.5	9:29	12.26	9.04	30.19	23.1	3.47	4	113	0.3	SE
I5	20190221	Sunny	Light	Mid-Flood	B	10.5	9:29	12.32	9.02	30.06	22.5	3.48	5	112	0.3	SE
I5	20190221	Sunny	Light	Mid-Flood	M	5.8	9:30	12.34	9	31.49	23.1	2.85	4	114	0.31	SE
I5	20190221	Sunny	Light	Mid-Flood	M	5.8	9:30	12.4	9.06	30.04	23.1	2.88	3	114	0.31	SE
I5	20190221	Sunny	Light	Mid-Flood	S	1	9:31	12.28	9.07	30.05	23.1	2.37	3	114	0.41	SE
I5	20190221	Sunny	Light	Mid-Flood	S	1	9:31	12.32	9	29.39	22.7	2.32	3	113	0.43	SE
I6	20190221	Sunny	Light	Mid-Flood	B	10.8	9:54	11.41	9	33.01	23.2	3.23	3	114	0.22	SE
I6	20190221	Sunny	Light	Mid-Flood	B	10.8	9:54	11.33	9.06	30.98	22.7	3.24	4	113	0.24	SE
I6	20190221	Sunny	Light	Mid-Flood	M	5.9	9:55	11.3	9.03	29.95	22.9	2.89	3	113	0.37	SE
I6	20190221	Sunny	Light	Mid-Flood	M	5.9	9:55	11.33	9.07	33.05	23	2.94	4	112	0.38	SE
I6	20190221	Sunny	Light	Mid-Flood	S	1	9:56	11.31	9.07	30.57	23.2	2	3	113	0.49	SE
I6	20190221	Sunny	Light	Mid-Flood	S	1	9:56	11.22	9.06	32.56	22.5	2.07	2	112	0.48	SE
I7	20190221	Sunny	Light	Mid-Flood	B	9.2	9:49	11.24	9.02	29.54	22.5	3.35	6	114	0.25	SE
I7	20190221	Sunny	Light	Mid-Flood	B	9.2	9:49	11.85	9.06	29.78	22.7	3.37	6	113	0.26	SE
I7	20190221	Sunny	Light	Mid-Flood	M	5.1	9:50	11.8	9.03	31.68	22.5	2.8	6	113	0.32	SE
I7	20190221	Sunny	Light	Mid-Flood	M	5.1	9:50	11.88	8.98	31.1	23	2.74	7	113	0.3	SE
I7	20190221	Sunny	Light	Mid-Flood	S	1	9:51	11.75	9.06	31.83	23	2.01	5	113	0.45	SE
I7	20190221	Sunny	Light	Mid-Flood	S	1	9:51	11.93	8.99	30.18	22.6	2.09	4	113	0.45	SE
I8	20190221	Sunny	Light	Mid-Flood	B	9	9:43	11.77	9.06	31.94	23.2	3.07	5	114	0.22	SE
I8	20190221	Sunny	Light	Mid-Flood	B	9	9:43	11.88	9.01	30.48	23.1	3.04	4	113	0.24	SE
I8	20190221	Sunny	Light	Mid-Flood	M	5	9:44	12.24	9.01	31.69	22.5	2.77	6	113	0.37	SE
I8	20190221	Sunny	Light	Mid-Flood	M	5	9:44	12.25	9.06	31.16	23	2.72	7	113	0.38	SE
I8	20190221	Sunny	Light	Mid-Flood	S	1	9:45	12.13	9.07	30.28	22.8	2.33	4	114	0.45	SE
I8	20190221	Sunny	Light	Mid-Flood	S	1	9:45	12.03	9.01	32.84	23.2	2.32	5	113	0.45	SE
I9	20190221	Sunny	Light	Mid-Flood	B	9.6	9:39	11.87	9.04	31.04	22.8	3.09	4	112	0.21	SE
I9	20190221	Sunny	Light	Mid-Flood	B	9.6	9:39	11.77	9.07	29.4	22.9	3.17	4	112	0.2	SE
I9	20190221	Sunny	Light	Mid-Flood	M	5.3	9:40	11.71	9.05	31.08	22.5	2.79	5	113	0.33	SE
I9	20190221	Sunny	Light	Mid-Flood	M	5.3	9:40	11.93	9.06	29.08	23	2.8	5	112	0.34	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I9	20190221	Sunny	Light	Mid-Flood	S	1	9:41	12	9.03	31.73	22.6	2.17	3	114	0.41	SE
I9	20190221	Sunny	Light	Mid-Flood	S	1	9:41	11.94	9.02	32.27	22.7	2.09	3	113	0.39	SE
I10	20190221	Sunny	Light	Mid-Flood	B	9.6	9:34	12.06	9.05	32.89	22.5	3.05	4	112	0.23	SE
I10	20190221	Sunny	Light	Mid-Flood	B	9.6	9:34	12.13	9.07	29.54	22.6	2.97	3	114	0.23	SE
I10	20190221	Sunny	Light	Mid-Flood	M	5.3	9:35	12.18	9.01	31.47	22.6	2.69	7	113	0.38	SE
I10	20190221	Sunny	Light	Mid-Flood	M	5.3	9:35	12.16	9.01	30.55	23.1	2.69	7	113	0.4	SE
I10	20190221	Sunny	Light	Mid-Flood	S	1	9:36	11.75	9.03	33.09	23.1	2.22	6	113	0.44	SE
I10	20190221	Sunny	Light	Mid-Flood	S	1	9:36	11.63	9.03	30.27	23	2.31	7	112	0.46	SE
UC1	20190221	Sunny	Light	Mid-Ebb	B	9.3	12:04	11.45	9.02	29.17	22.9	3.38	6	113	0.2	NW
UC1	20190221	Sunny	Light	Mid-Ebb	B	9.3	12:04	11.48	9.03	32.94	22.6	3.36	5	113	0.21	NW
UC1	20190221	Sunny	Light	Mid-Ebb	M	5.2	12:05	11.67	9	29.76	22.6	2.72	6	113	0.3	NW
UC1	20190221	Sunny	Light	Mid-Ebb	M	5.2	12:05	11.72	9.06	32.51	22.9	2.68	5	112	0.31	NW
UC1	20190221	Sunny	Light	Mid-Ebb	S	1	12:06	11.88	9.07	30.72	23.2	2.26	6	112	0.5	NW
UC1	20190221	Sunny	Light	Mid-Ebb	S	1	12:06	11.61	9.04	30.66	22.7	2.34	5	112	0.49	NW
UC2	20190221	Sunny	Light	Mid-Ebb	B	8.4	12:09	11.71	9.05	30.79	23.1	3.28	7	113	0.3	NW
UC2	20190221	Sunny	Light	Mid-Ebb	B	8.4	12:09	11.81	9.07	29.37	23	3.21	7	113	0.32	NW
UC2	20190221	Sunny	Light	Mid-Ebb	M	4.7	12:10	11.84	9.03	32.84	22.5	2.61	8	113	0.34	NW
UC2	20190221	Sunny	Light	Mid-Ebb	M	4.7	12:10	11.72	8.98	29.43	22.7	2.54	7	112	0.32	NW
UC2	20190221	Sunny	Light	Mid-Ebb	S	1	12:11	11.71	9	31.57	22.6	2.48	5	113	0.49	NW
UC2	20190221	Sunny	Light	Mid-Ebb	S	1	12:11	11.86	9.02	32.63	22.5	2.46	5	113	0.48	NW
I1	20190221	Sunny	Light	Mid-Ebb	B	8.7	12:15	11.55	9.05	32.55	22.7	3.21	4	113	0.26	NW
I1	20190221	Sunny	Light	Mid-Ebb	B	8.7	12:15	11.71	9.07	29.65	22.6	3.15	4	113	0.24	NW
I1	20190221	Sunny	Light	Mid-Ebb	M	4.9	12:16	11.65	8.98	31.41	22.6	2.79	6	112	0.3	NW
I1	20190221	Sunny	Light	Mid-Ebb	M	4.9	12:16	11.79	9.04	31.07	22.5	2.79	6	113	0.29	NW
I1	20190221	Sunny	Light	Mid-Ebb	S	1	12:17	11.68	8.98	29.59	22.9	2.12	7	113	0.45	NW
I1	20190221	Sunny	Light	Mid-Ebb	S	1	12:17	11.6	9.07	29.94	23.1	2.22	6	113	0.47	NW
I2	20190221	Sunny	Light	Mid-Ebb	B	9.2	12:19	11.59	9.01	30.44	22.8	3.4	5	112	0.29	NW
I2	20190221	Sunny	Light	Mid-Ebb	B	9.2	12:19	12.07	9.03	33.12	22.7	3.44	6	112	0.29	NW
I2	20190221	Sunny	Light	Mid-Ebb	M	5.1	12:20	12.08	9.05	32.91	22.8	2.65	5	113	0.33	NW
I2	20190221	Sunny	Light	Mid-Ebb	M	5.1	12:20	11.95	9.03	32.36	23.1	2.74	5	113	0.35	NW
I2	20190221	Sunny	Light	Mid-Ebb	S	1	12:21	11.89	9.01	32.99	22.6	2.02	6	113	0.43	NW
I2	20190221	Sunny	Light	Mid-Ebb	S	1	12:21	12.01	9.03	31.87	22.7	2.11	4	113	0.45	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I3	20190221	Sunny	Light	Mid-Ebb	B	9.7	12:23	11.85	9.07	32.13	22.5	3.04	4	112	0.23	NW
I3	20190221	Sunny	Light	Mid-Ebb	B	9.7	12:23	11.67	9.01	32.32	23.2	3.14	5	112	0.25	NW
I3	20190221	Sunny	Light	Mid-Ebb	M	5.4	12:24	11.82	9.06	32.43	22.6	2.74	4	112	0.34	NW
I3	20190221	Sunny	Light	Mid-Ebb	M	5.4	12:24	11.66	9.06	29.97	23	2.75	6	113	0.34	NW
I3	20190221	Sunny	Light	Mid-Ebb	S	1	12:25	11.64	9.06	29.72	23.2	2	4	113	0.46	NW
I3	20190221	Sunny	Light	Mid-Ebb	S	1	12:25	11.69	9.05	29.59	22.8	2.1	6	113	0.47	NW
I4	20190221	Sunny	Light	Mid-Ebb	B	8.5	12:27	11.7	9.06	29.7	22.5	3.47	6	113	0.26	NW
I4	20190221	Sunny	Light	Mid-Ebb	B	8.5	12:27	11.62	8.99	31.91	23	3.4	5	114	0.24	NW
I4	20190221	Sunny	Light	Mid-Ebb	M	4.8	12:28	11.76	9.01	31.99	22.9	2.53	4	114	0.36	NW
I4	20190221	Sunny	Light	Mid-Ebb	M	4.8	12:28	11.42	9.01	30.89	22.8	2.5	4	114	0.34	NW
I4	20190221	Sunny	Light	Mid-Ebb	S	1	12:29	11.4	9	30.9	23.1	2.41	3	112	0.47	NW
I4	20190221	Sunny	Light	Mid-Ebb	S	1	12:29	11.26	9.06	30.23	22.5	2.5	4	113	0.48	NW
I5	20190221	Sunny	Light	Mid-Ebb	B	10	12:31	11.32	9.05	29.29	23	3.27	5	113	0.28	NW
I5	20190221	Sunny	Light	Mid-Ebb	B	10	12:31	11.24	9.07	31.87	23.1	3.21	6	113	0.26	NW
I5	20190221	Sunny	Light	Mid-Ebb	M	5.5	12:32	11.11	9.02	30.53	23	3	5	112	0.33	NW
I5	20190221	Sunny	Light	Mid-Ebb	M	5.5	12:32	11.2	8.98	30.48	22.5	3.06	4	113	0.32	NW
I5	20190221	Sunny	Light	Mid-Ebb	S	1	12:33	12.15	9.04	30.64	23	2.33	5	113	0.4	NW
I5	20190221	Sunny	Light	Mid-Ebb	S	1	12:33	12.23	9.07	30.65	23	2.39	5	112	0.38	NW
I6	20190221	Sunny	Light	Mid-Ebb	B	9.3	12:53	12.32	9.07	29.21	23	3.42	5	112	0.27	NW
I6	20190221	Sunny	Light	Mid-Ebb	B	9.3	12:53	12.3	9.03	29.12	23.1	3.37	5	114	0.28	NW
I6	20190221	Sunny	Light	Mid-Ebb	M	5.2	12:54	12.33	9.06	32.49	22.7	2.58	5	113	0.35	NW
I6	20190221	Sunny	Light	Mid-Ebb	M	5.2	12:54	12.53	9.07	29.84	22.7	2.68	4	112	0.37	NW
I6	20190221	Sunny	Light	Mid-Ebb	S	1	12:55	12.68	9.03	31.91	22.7	2.11	5	114	0.45	NW
I6	20190221	Sunny	Light	Mid-Ebb	S	1	12:55	11.36	8.99	30.59	22.9	2.2	5	113	0.47	NW
I7	20190221	Sunny	Light	Mid-Ebb	B	9.1	12:48	11.41	9.01	30.9	22.7	3.26	4	112	0.24	NW
I7	20190221	Sunny	Light	Mid-Ebb	B	9.1	12:48	11.23	8.98	29.78	22.6	3.22	3	112	0.22	NW
I7	20190221	Sunny	Light	Mid-Ebb	M	5.1	12:49	11.15	8.99	32.83	22.9	2.86	5	113	0.37	NW
I7	20190221	Sunny	Light	Mid-Ebb	M	5.1	12:49	11.17	8.98	29.23	22.8	2.92	4	112	0.37	NW
I7	20190221	Sunny	Light	Mid-Ebb	S	1	12:50	11.01	9.05	32.95	23.1	2.5	6	112	0.47	NW
I7	20190221	Sunny	Light	Mid-Ebb	S	1	12:50	10.94	9.05	33.09	23	2.56	5	112	0.48	NW
I8	20190221	Sunny	Light	Mid-Ebb	B	9.3	12:44	12.3	9.06	30.84	23.2	3.31	4	113	0.29	NW
I8	20190221	Sunny	Light	Mid-Ebb	B	9.3	12:44	12.33	9.05	30.11	22.5	3.41	4	112	0.27	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I8	20190221	Sunny	Light	Mid-Ebb	M	5.2	12:45	12.33	8.99	32.27	22.6	2.98	3	113	0.36	NW
I8	20190221	Sunny	Light	Mid-Ebb	M	5.2	12:45	12.27	9.02	29.65	22.9	2.88	3	113	0.36	NW
I8	20190221	Sunny	Light	Mid-Ebb	S	1	12:46	12.34	9.06	29.36	23	2.2	3	113	0.48	NW
I8	20190221	Sunny	Light	Mid-Ebb	S	1	12:46	12.44	9.07	32.98	23.2	2.25	4	112	0.46	NW
I9	20190221	Sunny	Light	Mid-Ebb	B	9.5	12:40	12.27	9.02	31.59	23.2	3.08	3	113	0.2	NW
I9	20190221	Sunny	Light	Mid-Ebb	B	9.5	12:40	11.68	9.05	31.68	23.2	3.06	4	113	0.22	NW
I9	20190221	Sunny	Light	Mid-Ebb	M	5.3	12:41	11.53	8.98	33	22.6	2.54	4	113	0.32	NW
I9	20190221	Sunny	Light	Mid-Ebb	M	5.3	12:41	11.53	9.04	32.39	22.8	2.51	4	113	0.33	NW
I9	20190221	Sunny	Light	Mid-Ebb	S	1	12:42	11.45	9.01	32.26	23.2	2.27	4	113	0.41	NW
I9	20190221	Sunny	Light	Mid-Ebb	S	1	12:42	11.29	9	30.4	22.5	2.31	3	112	0.4	NW
I10	20190221	Sunny	Light	Mid-Ebb	B	8.7	12:35	11.41	8.99	29.43	22.6	3.42	6	113	0.27	NW
I10	20190221	Sunny	Light	Mid-Ebb	B	8.7	12:35	11.58	9.03	32.01	22.8	3.46	7	113	0.29	NW
I10	20190221	Sunny	Light	Mid-Ebb	M	4.9	12:36	11.79	8.98	31.65	23.2	2.79	4	113	0.36	NW
I10	20190221	Sunny	Light	Mid-Ebb	M	4.9	12:36	11.95	9.05	31.53	22.6	2.75	4	113	0.36	NW
I10	20190221	Sunny	Light	Mid-Ebb	S	1	12:37	11.8	9.07	32.79	23	2.25	5	112	0.48	NW
I10	20190221	Sunny	Light	Mid-Ebb	S	1	12:37	11.93	9.01	29.58	22.5	2.33	4	113	0.46	NW
UC1	20190222	Cloudy	Light	Mid-Flood	B	10.4	8:58	12.96	8.97	29.28	21.2	4.88	<2	113	0.28	NW
UC1	20190222	Cloudy	Light	Mid-Flood	B	10.4	8:58	12.92	8.83	30.13	20.6	4.87	<2	113	0.28	NW
UC1	20190222	Cloudy	Light	Mid-Flood	M	5.7	8:59	13.09	8.89	31.6	20.9	4.11	<2	112	0.31	NW
UC1	20190222	Cloudy	Light	Mid-Flood	M	5.7	8:59	13.15	8.97	31.11	20.7	4.06	<2	114	0.31	NW
UC1	20190222	Cloudy	Light	Mid-Flood	S	1	9:00	13.07	8.85	31.55	20.8	3.57	3	113	0.42	NW
UC1	20190222	Cloudy	Light	Mid-Flood	S	1	9:00	13.24	8.89	31.83	21.1	3.55	3	113	0.4	NW
UC2	20190222	Cloudy	Light	Mid-Flood	B	9.9	9:03	12.1	8.97	31.54	21.1	4.5	<2	113	0.22	NW
UC2	20190222	Cloudy	Light	Mid-Flood	B	9.9	9:03	12.12	8.93	30.8	21.1	4.49	<2	112	0.24	NW
UC2	20190222	Cloudy	Light	Mid-Flood	M	5.5	9:04	12.31	8.89	31.36	21.2	4.15	<2	112	0.32	NW
UC2	20190222	Cloudy	Light	Mid-Flood	M	5.5	9:04	12.41	8.97	29.15	20.9	4.13	<2	113	0.34	NW
UC2	20190222	Cloudy	Light	Mid-Flood	S	1	9:05	12.35	8.89	29.85	20.9	3.68	<2	113	0.44	NW
UC2	20190222	Cloudy	Light	Mid-Flood	S	1	9:05	12.29	8.93	30.16	21	3.74	2	112	0.43	NW
I1	20190222	Cloudy	Light	Mid-Flood	B	10.9	9:09	12.92	8.9	30.79	20.7	4.58	4	113	0.23	NW
I1	20190222	Cloudy	Light	Mid-Flood	B	10.9	9:09	12.73	8.87	30.11	20.9	4.65	3	112	0.21	NW
I1	20190222	Cloudy	Light	Mid-Flood	M	6	9:10	12.65	8.89	29.23	20.7	4.23	2	112	0.31	NW
I1	20190222	Cloudy	Light	Mid-Flood	M	6	9:10	12.69	8.95	30.5	20.6	4.15	3	112	0.33	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I1	20190222	Cloudy	Light	Mid-Flood	S	1	9:11	12.89	8.89	29.93	21.2	3.87	<2	113	0.44	NW
I1	20190222	Cloudy	Light	Mid-Flood	S	1	9:11	13.08	8.87	31.95	20.7	3.93	2	113	0.42	NW
I2	20190222	Cloudy	Light	Mid-Flood	B	10.2	9:13	12.2	8.85	32.86	21.2	4.91	2	114	0.29	NW
I2	20190222	Cloudy	Light	Mid-Flood	B	10.2	9:13	12.29	8.94	29.42	20.6	4.92	<2	112	0.29	NW
I2	20190222	Cloudy	Light	Mid-Flood	M	5.6	9:14	12.12	8.95	32.74	21.2	4.18	<2	112	0.35	NW
I2	20190222	Cloudy	Light	Mid-Flood	M	5.6	9:14	12.32	8.89	32.03	20.7	4.18	2	114	0.35	NW
I2	20190222	Cloudy	Light	Mid-Flood	S	1	9:15	12.43	8.83	31.92	21	3.67	<2	112	0.5	NW
I2	20190222	Cloudy	Light	Mid-Flood	S	1	9:15	12.26	8.87	29.31	20.7	3.57	<2	113	0.52	NW
I3	20190222	Cloudy	Light	Mid-Flood	B	10.5	9:17	12.01	8.91	30.3	21.1	4.68	5	111	0.2	NW
I3	20190222	Cloudy	Light	Mid-Flood	B	10.5	9:17	12.21	8.96	30.14	20.9	4.62	4	112	0.2	NW
I3	20190222	Cloudy	Light	Mid-Flood	M	5.8	9:18	12.15	8.9	31.28	20.8	4.28	5	112	0.32	NW
I3	20190222	Cloudy	Light	Mid-Flood	M	5.8	9:18	12.19	8.88	32.84	20.6	4.22	6	112	0.33	NW
I3	20190222	Cloudy	Light	Mid-Flood	S	1	9:19	12.3	8.83	30.14	20.6	3.98	<2	113	0.47	NW
I3	20190222	Cloudy	Light	Mid-Flood	S	1	9:19	12.39	8.97	32.84	20.6	3.89	3	113	0.46	NW
I4	20190222	Cloudy	Light	Mid-Flood	B	9	9:21	12.99	8.88	32.68	20.6	4.54	2	112	0.21	NW
I4	20190222	Cloudy	Light	Mid-Flood	B	9	9:21	13.13	8.84	29.51	21	4.49	3	113	0.22	NW
I4	20190222	Cloudy	Light	Mid-Flood	M	5	9:22	12.99	8.9	29.79	21.1	4.18	4	113	0.32	NW
I4	20190222	Cloudy	Light	Mid-Flood	M	5	9:22	12.99	8.95	29.61	21	4.22	4	112	0.31	NW
I4	20190222	Cloudy	Light	Mid-Flood	S	1	9:23	12.96	8.91	32.23	20.6	3.69	3	112	0.43	NW
I4	20190222	Cloudy	Light	Mid-Flood	S	1	9:23	12.99	8.83	29.65	21	3.77	2	112	0.44	NW
I5	20190222	Cloudy	Light	Mid-Flood	B	9.9	9:25	12.76	8.82	32.13	20.8	4.9	<2	113	0.28	NW
I5	20190222	Cloudy	Light	Mid-Flood	B	9.9	9:25	12.7	8.95	30.52	21	4.86	<2	112	0.26	NW
I5	20190222	Cloudy	Light	Mid-Flood	M	5.5	9:26	12.59	8.83	30.32	21	4.22	3	112	0.3	NW
I5	20190222	Cloudy	Light	Mid-Flood	M	5.5	9:26	12.44	8.96	31.98	20.8	4.23	3	113	0.31	NW
I5	20190222	Cloudy	Light	Mid-Flood	S	1	9:27	12.47	8.93	32.68	20.7	3.57	2	113	0.46	NW
I5	20190222	Cloudy	Light	Mid-Flood	S	1	9:27	12.64	8.86	30.28	20.8	3.65	2	112	0.46	NW
I6	20190222	Cloudy	Light	Mid-Flood	B	9.2	9:52	12.27	8.92	29.77	21.2	4.73	4	111	0.3	NW
I6	20190222	Cloudy	Light	Mid-Flood	B	9.2	9:52	12.29	8.97	30.45	20.7	4.71	3	112	0.3	NW
I6	20190222	Cloudy	Light	Mid-Flood	M	5.1	9:53	12.49	8.89	30.14	21	4.15	2	112	0.32	NW
I6	20190222	Cloudy	Light	Mid-Flood	M	5.1	9:53	12.42	8.95	32.54	21.1	4.17	<2	113	0.34	NW
I6	20190222	Cloudy	Light	Mid-Flood	S	1	9:54	12.46	8.89	29.93	20.7	3.99	<2	113	0.5	NW
I6	20190222	Cloudy	Light	Mid-Flood	S	1	9:54	12.26	8.97	30.03	20.8	4.01	2	112	0.5	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I7	20190222	Cloudy	Light	Mid-Flood	B	10.8	9:47	12.46	8.96	32.26	20.6	4.86	2	113	0.27	NW
I7	20190222	Cloudy	Light	Mid-Flood	B	10.8	9:47	12.54	8.88	32.1	20.8	4.9	<2	112	0.25	NW
I7	20190222	Cloudy	Light	Mid-Flood	M	5.9	9:48	12.5	8.89	31.59	20.8	4.26	3	112	0.4	NW
I7	20190222	Cloudy	Light	Mid-Flood	M	5.9	9:48	12.62	8.87	32.82	20.8	4.34	3	112	0.39	NW
I7	20190222	Cloudy	Light	Mid-Flood	S	1	9:49	12.73	8.9	30.2	20.6	3.76	3	112	0.42	NW
I7	20190222	Cloudy	Light	Mid-Flood	S	1	9:49	12.79	8.88	31.77	20.9	3.81	2	114	0.42	NW
I8	20190222	Cloudy	Light	Mid-Flood	B	9	9:42	12.61	8.89	32.65	21	4.63	2	113	0.22	NW
I8	20190222	Cloudy	Light	Mid-Flood	B	9	9:42	12.41	8.83	32.21	20.8	4.73	<2	112	0.24	NW
I8	20190222	Cloudy	Light	Mid-Flood	M	5	9:43	12.5	8.97	31.79	20.8	4.45	3	114	0.36	NW
I8	20190222	Cloudy	Light	Mid-Flood	M	5	9:43	12.66	8.97	31.39	20.7	4.5	3	113	0.38	NW
I8	20190222	Cloudy	Light	Mid-Flood	S	1	9:44	12.59	8.88	32.54	21.2	3.8	2	112	0.45	NW
I8	20190222	Cloudy	Light	Mid-Flood	S	1	9:44	12.76	8.92	29.99	21	3.77	3	113	0.43	NW
I9	20190222	Cloudy	Light	Mid-Flood	B	10.1	9:37	12.56	8.82	30.56	21.2	4.52	<2	112	0.21	NW
I9	20190222	Cloudy	Light	Mid-Flood	B	10.1	9:37	12.69	8.9	30.66	20.6	4.47	<2	112	0.19	NW
I9	20190222	Cloudy	Light	Mid-Flood	M	5.6	9:38	12.69	8.88	32.9	20.8	4.47	3	112	0.36	NW
I9	20190222	Cloudy	Light	Mid-Flood	M	5.6	9:38	12.69	8.95	29.11	20.6	4.43	2	112	0.35	NW
I9	20190222	Cloudy	Light	Mid-Flood	S	1	9:39	12.79	8.85	31.64	21	3.69	<2	112	0.47	NW
I9	20190222	Cloudy	Light	Mid-Flood	S	1	9:39	12.97	8.91	29.91	20.8	3.59	2	112	0.45	NW
I10	20190222	Cloudy	Light	Mid-Flood	B	9.9	9:30	12.21	8.94	30.9	20.6	4.58	2	112	0.2	NW
I10	20190222	Cloudy	Light	Mid-Flood	B	9.9	9:30	12.07	8.9	30.32	20.8	4.55	2	112	0.2	NW
I10	20190222	Cloudy	Light	Mid-Flood	M	5.5	9:31	11.87	8.94	29.11	21.2	4.31	2	112	0.35	NW
I10	20190222	Cloudy	Light	Mid-Flood	M	5.5	9:31	11.99	8.88	30.84	20.6	4.23	2	112	0.34	NW
I10	20190222	Cloudy	Light	Mid-Flood	S	1	9:32	11.85	8.92	30.6	21.1	3.52	<2	112	0.45	NW
I10	20190222	Cloudy	Light	Mid-Flood	S	1	9:32	11.89	8.83	31.34	21	3.47	<2	112	0.44	NW
UC1	20190222	Cloudy	Light	Mid-Ebb	B	8.8	13:42	12.53	8.84	31.77	20.6	4.93	2	113	0.25	SE
UC1	20190222	Cloudy	Light	Mid-Ebb	B	8.8	13:42	12.52	8.83	31.75	21.1	4.88	<2	113	0.23	SE
UC1	20190222	Cloudy	Light	Mid-Ebb	M	4.9	13:43	12.55	8.84	32.7	21.2	4.48	3	114	0.36	SE
UC1	20190222	Cloudy	Light	Mid-Ebb	M	4.9	13:43	12.52	8.82	31.54	21	4.42	2	114	0.38	SE
UC1	20190222	Cloudy	Light	Mid-Ebb	S	1	13:44	12.45	8.94	32.61	21	3.55	2	114	0.47	SE
UC1	20190222	Cloudy	Light	Mid-Ebb	S	1	13:44	12.36	8.94	30.06	21.1	3.65	3	114	0.49	SE
UC2	20190222	Cloudy	Light	Mid-Ebb	B	9.1	13:49	12.82	8.92	30.9	20.6	4.55	<2	114	0.3	SE
UC2	20190222	Cloudy	Light	Mid-Ebb	B	9.1	13:49	12.87	8.94	32.18	21.1	4.62	<2	114	0.3	SE



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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC2	20190222	Cloudy	Light	Mid-Ebb	M	5.1	13:50	12.86	8.91	31.19	21.1	4.43	<2	113	0.4	SE
UC2	20190222	Cloudy	Light	Mid-Ebb	M	5.1	13:50	13.04	8.87	29.84	21.2	4.48	2	114	0.38	SE
UC2	20190222	Cloudy	Light	Mid-Ebb	S	1	13:51	12.86	8.86	30.94	20.8	3.72	3	113	0.4	SE
UC2	20190222	Cloudy	Light	Mid-Ebb	S	1	13:51	12.9	8.84	32.5	21.1	3.68	<2	113	0.41	SE
I1	20190222	Cloudy	Light	Mid-Ebb	B	9.6	13:55	12.65	8.92	32.74	21.1	4.51	2	113	0.29	SE
I1	20190222	Cloudy	Light	Mid-Ebb	B	9.6	13:55	12.84	8.97	29.95	20.6	4.58	3	113	0.3	SE
I1	20190222	Cloudy	Light	Mid-Ebb	M	5.3	13:56	12.78	8.82	31.86	20.6	4.46	2	112	0.37	SE
I1	20190222	Cloudy	Light	Mid-Ebb	M	5.3	13:56	12.68	8.88	30.5	20.8	4.43	<2	114	0.35	SE
I1	20190222	Cloudy	Light	Mid-Ebb	S	1	13:57	12.67	8.84	30.68	21.2	3.89	<2	112	0.48	SE
I1	20190222	Cloudy	Light	Mid-Ebb	S	1	13:57	12.82	8.87	29.41	21	3.81	2	114	0.49	SE
I2	20190222	Cloudy	Light	Mid-Ebb	B	8.8	14:01	12.03	8.89	29.21	21	4.61	3	112	0.29	SE
I2	20190222	Cloudy	Light	Mid-Ebb	B	8.8	14:01	12.05	8.88	32.52	20.7	4.63	2	114	0.3	SE
I2	20190222	Cloudy	Light	Mid-Ebb	M	4.9	14:02	11.94	8.87	29.47	20.9	4.33	<2	113	0.39	SE
I2	20190222	Cloudy	Light	Mid-Ebb	M	4.9	14:02	12.11	8.82	30.6	20.6	4.29	<2	112	0.41	SE
I2	20190222	Cloudy	Light	Mid-Ebb	S	1	14:03	11.92	8.93	29.52	20.7	3.76	<2	112	0.49	SE
I2	20190222	Cloudy	Light	Mid-Ebb	S	1	14:03	12.1	8.91	32.87	21	3.77	2	113	0.5	SE
I3	20190222	Cloudy	Light	Mid-Ebb	B	10.2	14:07	12.44	8.84	32.47	20.9	4.73	3	113	0.2	SE
I3	20190222	Cloudy	Light	Mid-Ebb	B	10.2	14:07	12.25	8.89	31.42	21	4.81	<2	113	0.19	SE
I3	20190222	Cloudy	Light	Mid-Ebb	M	5.6	14:08	12.08	8.97	30.85	21	4.06	2	112	0.36	SE
I3	20190222	Cloudy	Light	Mid-Ebb	M	5.6	14:08	12.07	8.96	30.8	20.9	3.96	3	113	0.35	SE
I3	20190222	Cloudy	Light	Mid-Ebb	S	1	14:09	12.11	8.88	30.61	21.1	3.55	<2	114	0.4	SE
I3	20190222	Cloudy	Light	Mid-Ebb	S	1	14:09	12.18	8.93	30.27	20.7	3.6	<2	113	0.4	SE
I4	20190222	Cloudy	Light	Mid-Ebb	B	8.7	14:13	12.34	8.85	29.74	20.7	4.76	<2	113	0.21	SE
I4	20190222	Cloudy	Light	Mid-Ebb	B	8.7	14:13	12.52	8.88	32.26	20.6	4.73	3	114	0.19	SE
I4	20190222	Cloudy	Light	Mid-Ebb	M	4.9	14:14	12.63	8.92	32.71	20.8	4.14	<2	113	0.31	SE
I4	20190222	Cloudy	Light	Mid-Ebb	M	4.9	14:14	12.7	8.9	29.19	20.9	4.09	<2	113	0.3	SE
I4	20190222	Cloudy	Light	Mid-Ebb	S	1	14:15	12.82	8.87	29.48	21.1	3.63	<2	113	0.45	SE
I4	20190222	Cloudy	Light	Mid-Ebb	S	1	14:15	12.76	8.83	30.18	20.9	3.55	<2	113	0.45	SE
I5	20190222	Cloudy	Light	Mid-Ebb	B	10	14:19	12.74	8.95	29.58	20.6	4.6	3	113	0.23	SE
I5	20190222	Cloudy	Light	Mid-Ebb	B	10	14:19	12.8	8.82	32.21	20.8	4.51	2	114	0.25	SE
I5	20190222	Cloudy	Light	Mid-Ebb	M	5.5	14:20	12.98	8.91	32.79	20.7	4.07	<2	114	0.37	SE
I5	20190222	Cloudy	Light	Mid-Ebb	M	5.5	14:20	12.89	8.96	32.52	21.1	3.98	2	114	0.39	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I5	20190222	Cloudy	Light	Mid-Ebb	S	1	14:21	13.05	8.85	29.28	20.6	3.95	<2	113	0.43	SE
I5	20190222	Cloudy	Light	Mid-Ebb	S	1	14:21	13.08	8.91	31.4	21.1	3.88	2	114	0.42	SE
I6	20190222	Cloudy	Light	Mid-Ebb	B	9.2	14:57	12.65	8.91	30.01	20.7	4.96	2	112	0.26	SE
I6	20190222	Cloudy	Light	Mid-Ebb	B	9.2	14:57	12.63	8.85	31.36	20.8	4.95	3	114	0.25	SE
I6	20190222	Cloudy	Light	Mid-Ebb	M	5.1	14:58	12.8	8.85	32.72	20.9	4.11	<2	114	0.3	SE
I6	20190222	Cloudy	Light	Mid-Ebb	M	5.1	14:58	12.98	8.82	29.2	20.7	4.21	3	113	0.29	SE
I6	20190222	Cloudy	Light	Mid-Ebb	S	1	14:59	13.15	8.95	29.96	20.8	3.97	3	113	0.43	SE
I6	20190222	Cloudy	Light	Mid-Ebb	S	1	14:59	13.31	8.94	32.85	20.7	4.04	3	113	0.43	SE
I7	20190222	Cloudy	Light	Mid-Ebb	B	8.7	14:48	12.25	8.97	29.93	21.2	4.82	<2	114	0.29	SE
I7	20190222	Cloudy	Light	Mid-Ebb	B	8.7	14:48	12.08	8.9	29.34	20.7	4.72	<2	113	0.27	SE
I7	20190222	Cloudy	Light	Mid-Ebb	M	4.9	14:49	11.98	8.92	30.2	21	4.21	<2	113	0.35	SE
I7	20190222	Cloudy	Light	Mid-Ebb	M	4.9	14:49	11.98	8.87	29.72	20.6	4.28	<2	114	0.36	SE
I7	20190222	Cloudy	Light	Mid-Ebb	S	1	14:50	11.96	8.96	30.3	21	3.98	<2	114	0.48	SE
I7	20190222	Cloudy	Light	Mid-Ebb	S	1	14:50	11.93	8.83	30.46	21	4.03	<2	112	0.47	SE
I8	20190222	Cloudy	Light	Mid-Ebb	B	10.1	14:40	12.2	8.93	29.27	20.7	4.58	2	113	0.27	SE
I8	20190222	Cloudy	Light	Mid-Ebb	B	10.1	14:40	12.28	8.94	32.87	20.9	4.63	<2	113	0.26	SE
I8	20190222	Cloudy	Light	Mid-Ebb	M	5.6	14:41	12.23	8.82	30.49	20.6	4.08	<2	113	0.37	SE
I8	20190222	Cloudy	Light	Mid-Ebb	M	5.6	14:41	12.18	8.84	31.15	21.2	4.11	<2	113	0.37	SE
I8	20190222	Cloudy	Light	Mid-Ebb	S	1	14:42	12.34	8.89	31.31	20.9	3.7	<2	113	0.45	SE
I8	20190222	Cloudy	Light	Mid-Ebb	S	1	14:42	12.22	8.94	29.43	21.2	3.71	<2	113	0.43	SE
I9	20190222	Cloudy	Light	Mid-Ebb	B	9.4	14:33	12.86	8.97	31.51	21.2	4.57	3	114	0.25	SE
I9	20190222	Cloudy	Light	Mid-Ebb	B	9.4	14:33	12.83	8.86	29.38	20.6	4.48	3	113	0.26	SE
I9	20190222	Cloudy	Light	Mid-Ebb	M	5.2	14:34	12.88	8.88	31.97	20.6	4.21	2	113	0.39	SE
I9	20190222	Cloudy	Light	Mid-Ebb	M	5.2	14:34	12.93	8.83	32.28	21.1	4.15	<2	113	0.38	SE
I9	20190222	Cloudy	Light	Mid-Ebb	S	1	14:35	12.89	8.9	31.52	20.7	3.98	<2	114	0.47	SE
I9	20190222	Cloudy	Light	Mid-Ebb	S	1	14:35	12.91	8.97	29.85	21	3.93	2	113	0.46	SE
I10	20190222	Cloudy	Light	Mid-Ebb	B	8.9	14:25	12.69	8.9	30.79	20.6	4.93	<2	113	0.25	SE
I10	20190222	Cloudy	Light	Mid-Ebb	B	8.9	14:25	12.49	8.9	30.23	20.7	4.95	2	113	0.25	SE
I10	20190222	Cloudy	Light	Mid-Ebb	M	5	14:26	12.36	8.88	32.48	21.1	4	2	113	0.38	SE
I10	20190222	Cloudy	Light	Mid-Ebb	M	5	14:26	12.31	8.93	32.12	20.6	4.1	2	112	0.37	SE
I10	20190222	Cloudy	Light	Mid-Ebb	S	1	14:27	12.13	8.85	29.45	20.7	3.89	2	114	0.43	SE
I10	20190222	Cloudy	Light	Mid-Ebb	S	1	14:27	12.26	8.9	31.47	20.8	3.97	<2	113	0.42	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC1	20190223	Cloudy	Light	Mid-Flood	B	10.7	9:36	9.88	8.67	30.37	19.3	3.57	3	113	0.22	NW
UC1	20190223	Cloudy	Light	Mid-Flood	B	10.7	9:36	10.03	8.61	30.74	19.5	3.47	4	112	0.24	NW
UC1	20190223	Cloudy	Light	Mid-Flood	M	5.9	9:37	10.05	8.63	31.11	19.9	3.5	2	112	0.33	NW
UC1	20190223	Cloudy	Light	Mid-Flood	M	5.9	9:37	10.24	8.59	31.7	20	3.53	2	112	0.34	NW
UC1	20190223	Cloudy	Light	Mid-Flood	S	1	9:38	10.08	8.63	30.05	19.8	2.7	2	113	0.35	NW
UC1	20190223	Cloudy	Light	Mid-Flood	S	1	9:38	10.11	8.58	30.51	19.8	2.69	2	112	0.33	NW
UC2	20190223	Cloudy	Light	Mid-Flood	B	8.9	9:43	9.06	8.59	30.48	19.3	3.7	5	113	0.2	NW
UC2	20190223	Cloudy	Light	Mid-Flood	B	8.9	9:43	9.2	8.67	31.04	19.3	3.79	5	112	0.21	NW
UC2	20190223	Cloudy	Light	Mid-Flood	M	5	9:44	9.32	8.66	30.85	20.1	3.07	6	112	0.25	NW
UC2	20190223	Cloudy	Light	Mid-Flood	M	5	9:44	9.13	8.65	30.05	19.5	3.03	6	113	0.26	NW
UC2	20190223	Cloudy	Light	Mid-Flood	S	1	9:45	9.11	8.67	30.96	19.4	2.5	6	113	0.45	NW
UC2	20190223	Cloudy	Light	Mid-Flood	S	1	9:45	8.94	8.6	32.06	19.6	2.41	6	112	0.44	NW
I1	20190223	Cloudy	Light	Mid-Flood	B	8.8	9:50	9.5	8.58	31.95	19.8	3.84	4	112	0.22	NW
I1	20190223	Cloudy	Light	Mid-Flood	B	8.8	9:50	9.44	8.61	30.9	19.4	3.77	5	112	0.23	NW
I1	20190223	Cloudy	Light	Mid-Flood	M	4.9	9:51	9.25	8.66	30.36	19.5	3.28	4	113	0.35	NW
I1	20190223	Cloudy	Light	Mid-Flood	M	4.9	9:51	9.37	8.59	30.86	19.2	3.3	3	113	0.35	NW
I1	20190223	Cloudy	Light	Mid-Flood	S	1	9:52	9.28	8.67	32.1	19.8	2.82	4	112	0.35	NW
I1	20190223	Cloudy	Light	Mid-Flood	S	1	9:52	9.41	8.63	30.24	20.1	2.78	4	113	0.33	NW
I2	20190223	Cloudy	Light	Mid-Flood	B	9.2	9:57	9.02	8.64	31.63	19.6	3.57	2	112	0.19	NW
I2	20190223	Cloudy	Light	Mid-Flood	B	9.2	9:57	8.88	8.66	31.27	19.5	3.58	4	111	0.21	NW
I2	20190223	Cloudy	Light	Mid-Flood	M	5.1	9:58	9.07	8.6	30.92	20.2	3.38	3	112	0.32	NW
I2	20190223	Cloudy	Light	Mid-Flood	M	5.1	9:58	8.98	8.6	30.44	19.4	3.47	4	112	0.34	NW
I2	20190223	Cloudy	Light	Mid-Flood	S	1	9:59	9.16	8.58	30.09	19.2	2.79	4	112	0.35	NW
I2	20190223	Cloudy	Light	Mid-Flood	S	1	9:59	9.25	8.63	30.28	20.1	2.84	3	112	0.33	NW
I3	20190223	Cloudy	Light	Mid-Flood	B	8.8	10:04	9.51	8.6	31.61	19.7	3.52	5	112	0.21	NW
I3	20190223	Cloudy	Light	Mid-Flood	B	8.8	10:04	9.71	8.64	31.22	19.5	3.53	4	112	0.19	NW
I3	20190223	Cloudy	Light	Mid-Flood	M	4.9	10:05	9.57	8.61	31.37	20	3.05	3	112	0.27	NW
I3	20190223	Cloudy	Light	Mid-Flood	M	4.9	10:05	9.73	8.62	31.7	19.3	3.07	4	112	0.29	NW
I3	20190223	Cloudy	Light	Mid-Flood	S	1	10:06	9.64	8.61	31.71	19.3	2.79	5	112	0.43	NW
I3	20190223	Cloudy	Light	Mid-Flood	S	1	10:06	9.45	8.64	30.71	19.7	2.73	5	112	0.45	NW
I4	20190223	Cloudy	Light	Mid-Flood	B	10.4	10:11	9.04	8.67	31.6	20.1	3.98	4	112	0.18	NW
I4	20190223	Cloudy	Light	Mid-Flood	B	10.4	10:11	8.98	8.67	31.22	19.7	4.05	3	112	0.18	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I4	20190223	Cloudy	Light	Mid-Flood	M	5.7	10:12	8.86	8.67	30.16	19.4	3.48	4	112	0.28	NW
I4	20190223	Cloudy	Light	Mid-Flood	M	5.7	10:12	8.78	8.64	30.15	20	3.38	4	112	0.3	NW
I4	20190223	Cloudy	Light	Mid-Flood	S	1	10:13	8.72	8.63	32.08	20.1	3	4	112	0.39	NW
I4	20190223	Cloudy	Light	Mid-Flood	S	1	10:13	8.64	8.63	31.12	19.7	2.93	4	112	0.38	NW
I5	20190223	Cloudy	Light	Mid-Flood	B	9.7	10:18	9.21	8.63	31.95	19.5	3.98	3	113	0.17	NW
I5	20190223	Cloudy	Light	Mid-Flood	B	9.7	10:18	9.1	8.61	30.83	19.9	3.89	4	112	0.17	NW
I5	20190223	Cloudy	Light	Mid-Flood	M	5.4	10:19	9.16	8.65	31.98	19.3	3.27	4	112	0.33	NW
I5	20190223	Cloudy	Light	Mid-Flood	M	5.4	10:19	9.11	8.63	32.03	19.6	3.31	4	112	0.34	NW
I5	20190223	Cloudy	Light	Mid-Flood	S	1	10:20	9.04	8.67	31.76	19.3	2.72	4	112	0.43	NW
I5	20190223	Cloudy	Light	Mid-Flood	S	1	10:20	8.98	8.59	30.71	19.2	2.77	5	112	0.41	NW
I6	20190223	Cloudy	Light	Mid-Flood	B	10	10:57	9.85	8.62	31.04	19.3	3.66	4	112	0.17	NW
I6	20190223	Cloudy	Light	Mid-Flood	B	10	10:57	9.77	8.59	30.57	19.4	3.66	5	112	0.18	NW
I6	20190223	Cloudy	Light	Mid-Flood	M	5.5	10:58	9.74	8.65	31.23	20.1	3.04	3	112	0.34	NW
I6	20190223	Cloudy	Light	Mid-Flood	M	5.5	10:58	9.72	8.67	30.95	20.2	3.03	4	112	0.34	NW
I6	20190223	Cloudy	Light	Mid-Flood	S	1	10:59	9.61	8.64	30.55	19.6	2.54	3	113	0.36	NW
I6	20190223	Cloudy	Light	Mid-Flood	S	1	10:59	9.7	8.6	32.08	19.8	2.51	4	112	0.34	NW
I7	20190223	Cloudy	Light	Mid-Flood	B	9.8	10:50	9.04	8.62	30.79	19.2	4	5	112	0.19	NW
I7	20190223	Cloudy	Light	Mid-Flood	B	9.8	10:50	9.22	8.62	31.55	19.2	3.93	5	112	0.21	NW
I7	20190223	Cloudy	Light	Mid-Flood	M	5.4	10:51	9.17	8.58	30.92	19.9	3.34	3	113	0.28	NW
I7	20190223	Cloudy	Light	Mid-Flood	M	5.4	10:51	8.99	8.58	30.51	19.5	3.31	4	111	0.3	NW
I7	20190223	Cloudy	Light	Mid-Flood	S	1	10:52	8.94	8.59	30.03	19.2	2.7	5	112	0.4	NW
I7	20190223	Cloudy	Light	Mid-Flood	S	1	10:52	8.81	8.62	30.64	19.7	2.65	4	112	0.39	NW
I8	20190223	Cloudy	Light	Mid-Flood	B	9.4	10:39	9.93	8.62	31.58	19.6	3.83	4	112	0.18	NW
I8	20190223	Cloudy	Light	Mid-Flood	B	9.4	10:39	9.78	8.6	31.48	19.9	3.8	5	111	0.17	NW
I8	20190223	Cloudy	Light	Mid-Flood	M	5.2	10:40	9.63	8.63	30.1	19.7	3.07	5	113	0.34	NW
I8	20190223	Cloudy	Light	Mid-Flood	M	5.2	10:40	9.65	8.61	31.08	19.8	3.17	4	111	0.33	NW
I8	20190223	Cloudy	Light	Mid-Flood	S	1	10:41	9.76	8.6	31.93	19.7	2.52	4	112	0.37	NW
I8	20190223	Cloudy	Light	Mid-Flood	S	1	10:41	9.84	8.67	30.15	19.2	2.58	4	112	0.38	NW
I9	20190223	Cloudy	Light	Mid-Flood	B	8.9	10:32	9.8	8.63	30.99	19.4	3.92	4	112	0.16	NW
I9	20190223	Cloudy	Light	Mid-Flood	B	8.9	10:32	9.75	8.62	30.8	19.8	3.87	4	112	0.14	NW
I9	20190223	Cloudy	Light	Mid-Flood	M	5	10:33	9.64	8.64	31.33	19.8	3.33	5	112	0.27	NW
I9	20190223	Cloudy	Light	Mid-Flood	M	5	10:33	9.58	8.66	30.02	20.2	3.34	4	113	0.28	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I9	20190223	Cloudy	Light	Mid-Flood	S	1	10:34	9.49	8.67	31.47	19.5	2.65	4	112	0.42	NW
I9	20190223	Cloudy	Light	Mid-Flood	S	1	10:34	9.34	8.59	31.65	20.1	2.61	5	112	0.41	NW
I10	20190223	Cloudy	Light	Mid-Flood	B	9.7	10:25	9.11	8.6	31.68	19.7	3.84	3	112	0.19	NW
I10	20190223	Cloudy	Light	Mid-Flood	B	9.7	10:25	9.24	8.6	30.08	20.1	3.92	4	113	0.2	NW
I10	20190223	Cloudy	Light	Mid-Flood	M	5.4	10:26	9.2	8.61	31.03	20.2	3.07	4	113	0.33	NW
I10	20190223	Cloudy	Light	Mid-Flood	M	5.4	10:26	9.26	8.63	30.78	20.1	3.16	3	113	0.31	NW
I10	20190223	Cloudy	Light	Mid-Flood	S	1	10:27	9.43	8.58	30.67	19.2	2.57	3	112	0.44	NW
I10	20190223	Cloudy	Light	Mid-Flood	S	1	10:27	9.51	8.59	30.13	19.6	2.56	3	112	0.43	NW
UC1	20190223	Cloudy	Light	Mid-Ebb	B	9.8	13:25	9.23	8.6	30.61	20.2	3.69	4	111	0.22	SE
UC1	20190223	Cloudy	Light	Mid-Ebb	B	9.8	13:25	9.32	8.67	31.41	19.8	3.76	3	112	0.2	SE
UC1	20190223	Cloudy	Light	Mid-Ebb	M	5.4	13:26	9.49	8.61	31.88	19.8	3.04	4	113	0.35	SE
UC1	20190223	Cloudy	Light	Mid-Ebb	M	5.4	13:26	9.34	8.66	32.04	19.6	3.09	3	111	0.33	SE
UC1	20190223	Cloudy	Light	Mid-Ebb	S	1	13:27	9.21	8.6	31.48	19.8	2.58	4	112	0.43	SE
UC1	20190223	Cloudy	Light	Mid-Ebb	S	1	13:27	9.25	8.65	30.23	20	2.57	3	112	0.45	SE
UC2	20190223	Cloudy	Light	Mid-Ebb	B	10.3	13:31	9.46	8.61	30.87	19.2	3.9	3	112	0.17	SE
UC2	20190223	Cloudy	Light	Mid-Ebb	B	10.3	13:31	9.57	8.65	30.41	19.8	3.89	3	113	0.19	SE
UC2	20190223	Cloudy	Light	Mid-Ebb	M	5.7	13:32	9.46	8.65	31.27	20.2	3.5	4	112	0.3	SE
UC2	20190223	Cloudy	Light	Mid-Ebb	M	5.7	13:32	9.53	8.63	31.26	20	3.45	4	113	0.3	SE
UC2	20190223	Cloudy	Light	Mid-Ebb	S	1	13:33	9.64	8.64	30.38	20.1	2.98	4	112	0.4	SE
UC2	20190223	Cloudy	Light	Mid-Ebb	S	1	13:33	9.8	8.67	31.26	19.2	3.03	4	112	0.39	SE
I1	20190223	Cloudy	Light	Mid-Ebb	B	9.3	13:37	9.53	8.59	31.92	19.9	3.93	4	112	0.25	SE
I1	20190223	Cloudy	Light	Mid-Ebb	B	9.3	13:37	9.34	8.63	30.69	19.9	4.03	3	113	0.24	SE
I1	20190223	Cloudy	Light	Mid-Ebb	M	5.2	13:38	9.19	8.62	30.83	19.4	3.09	3	112	0.29	SE
I1	20190223	Cloudy	Light	Mid-Ebb	M	5.2	13:38	9.16	8.61	30.13	20.1	3.17	3	113	0.28	SE
I1	20190223	Cloudy	Light	Mid-Ebb	S	1	13:39	9.01	8.6	31.33	20.1	2.63	4	113	0.37	SE
I1	20190223	Cloudy	Light	Mid-Ebb	S	1	13:39	9.06	8.58	31.17	19.4	2.57	3	112	0.36	SE
I2	20190223	Cloudy	Light	Mid-Ebb	B	8.4	13:43	9.55	8.65	31.87	19.9	3.85	3	112	0.16	SE
I2	20190223	Cloudy	Light	Mid-Ebb	B	8.4	13:43	9.47	8.64	30.52	19.8	3.94	3	112	0.16	SE
I2	20190223	Cloudy	Light	Mid-Ebb	M	4.7	13:44	9.59	8.65	31.72	19.2	3.09	3	113	0.29	SE
I2	20190223	Cloudy	Light	Mid-Ebb	M	4.7	13:44	9.45	8.64	31.33	19.6	3.19	4	112	0.3	SE
I2	20190223	Cloudy	Light	Mid-Ebb	S	1	13:45	9.65	8.65	31.34	20.1	3	3	112	0.39	SE
I2	20190223	Cloudy	Light	Mid-Ebb	S	1	13:45	9.47	8.67	30.62	19.8	2.95	4	112	0.41	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I3	20190223	Cloudy	Light	Mid-Ebb	B	10	13:50	9.1	8.63	30.39	19.2	3.52	3	112	0.15	SE
I3	20190223	Cloudy	Light	Mid-Ebb	B	10	13:50	8.93	8.67	30.83	19.3	3.58	4	112	0.17	SE
I3	20190223	Cloudy	Light	Mid-Ebb	M	5.5	13:51	8.91	8.59	31.9	19.7	3.39	3	112	0.27	SE
I3	20190223	Cloudy	Light	Mid-Ebb	M	5.5	13:51	9.08	8.61	31.86	19.9	3.42	3	113	0.29	SE
I3	20190223	Cloudy	Light	Mid-Ebb	S	1	13:52	9.23	8.64	30.69	19.2	2.95	4	112	0.39	SE
I3	20190223	Cloudy	Light	Mid-Ebb	S	1	13:52	9.38	8.67	32.02	19.6	2.95	4	112	0.38	SE
I4	20190223	Cloudy	Light	Mid-Ebb	B	9	13:56	9.98	8.65	30.59	20.2	3.55	4	111	0.22	SE
I4	20190223	Cloudy	Light	Mid-Ebb	B	9	13:56	10.07	8.63	30.59	19.2	3.48	3	112	0.23	SE
I4	20190223	Cloudy	Light	Mid-Ebb	M	5	13:57	10.17	8.59	31.11	19.9	3.5	3	112	0.3	SE
I4	20190223	Cloudy	Light	Mid-Ebb	M	5	13:57	10.24	8.67	30.68	19.6	3.54	4	112	0.28	SE
I4	20190223	Cloudy	Light	Mid-Ebb	S	1	13:58	10.33	8.63	31.1	20	2.61	4	112	0.4	SE
I4	20190223	Cloudy	Light	Mid-Ebb	S	1	13:58	10.22	8.58	30.89	20	2.7	4	112	0.4	SE
I5	20190223	Cloudy	Light	Mid-Ebb	B	10	14:02	9.87	8.61	30.3	20.2	3.61	4	112	0.25	SE
I5	20190223	Cloudy	Light	Mid-Ebb	B	10	14:02	9.92	8.67	32.11	19.2	3.57	5	112	0.27	SE
I5	20190223	Cloudy	Light	Mid-Ebb	M	5.5	14:03	9.92	8.6	30.74	19.2	3.17	3	112	0.34	SE
I5	20190223	Cloudy	Light	Mid-Ebb	M	5.5	14:03	9.94	8.58	30.62	20	3.15	4	112	0.33	SE
I5	20190223	Cloudy	Light	Mid-Ebb	S	1	14:04	9.86	8.62	30.73	20.2	2.61	3	112	0.44	SE
I5	20190223	Cloudy	Light	Mid-Ebb	S	1	14:04	9.74	8.59	30.84	19.3	2.55	4	112	0.42	SE
I6	20190223	Cloudy	Light	Mid-Ebb	B	8.6	14:32	9.88	8.63	30.85	19.9	3.64	5	111	0.15	SE
I6	20190223	Cloudy	Light	Mid-Ebb	B	8.6	14:32	9.95	8.62	29.97	20.1	3.67	4	113	0.16	SE
I6	20190223	Cloudy	Light	Mid-Ebb	M	4.8	14:33	9.96	8.58	31.36	20.1	3.37	4	112	0.29	SE
I6	20190223	Cloudy	Light	Mid-Ebb	M	4.8	14:33	9.98	8.61	30.79	19.5	3.37	4	112	0.3	SE
I6	20190223	Cloudy	Light	Mid-Ebb	S	1	14:34	9.96	8.64	30.96	19.4	3	4	112	0.44	SE
I6	20190223	Cloudy	Light	Mid-Ebb	S	1	14:34	9.8	8.67	31.97	19.2	2.93	4	112	0.43	SE
I7	20190223	Cloudy	Light	Mid-Ebb	B	8.5	14:26	9.39	8.59	30.43	19.9	3.87	5	112	0.17	SE
I7	20190223	Cloudy	Light	Mid-Ebb	B	8.5	14:26	9.46	8.65	31.73	19.5	3.92	5	112	0.17	SE
I7	20190223	Cloudy	Light	Mid-Ebb	M	4.8	14:27	9.29	8.61	31.33	19.5	3.04	5	112	0.34	SE
I7	20190223	Cloudy	Light	Mid-Ebb	M	4.8	14:27	9.42	8.66	30.95	20.1	3.03	4	112	0.35	SE
I7	20190223	Cloudy	Light	Mid-Ebb	S	1	14:28	9.48	8.6	32.1	19.7	2.64	4	112	0.41	SE
I7	20190223	Cloudy	Light	Mid-Ebb	S	1	14:28	9.58	8.61	31.91	19.2	2.65	5	112	0.4	SE
I8	20190223	Cloudy	Light	Mid-Ebb	B	8.9	14:20	9.22	8.63	30.73	19.5	3.86	3	112	0.24	SE
I8	20190223	Cloudy	Light	Mid-Ebb	B	8.9	14:20	9.2	8.65	30.24	19.6	3.87	4	112	0.24	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I8	20190223	Cloudy	Light	Mid-Ebb	M	5	14:21	9.2	8.67	30.01	19.4	3.35	4	112	0.31	SE
I8	20190223	Cloudy	Light	Mid-Ebb	M	5	14:21	9.21	8.61	31.38	19.6	3.4	4	113	0.3	SE
I8	20190223	Cloudy	Light	Mid-Ebb	S	1	14:22	9.14	8.61	32.08	19.2	2.79	4	112	0.37	SE
I8	20190223	Cloudy	Light	Mid-Ebb	S	1	14:22	9.08	8.61	31.85	19.2	2.81	5	112	0.37	SE
I9	20190223	Cloudy	Light	Mid-Ebb	B	8.5	14:14	9.51	8.64	31.76	19.9	3.62	5	112	0.24	SE
I9	20190223	Cloudy	Light	Mid-Ebb	B	8.5	14:14	9.64	8.65	30.6	20	3.67	5	112	0.25	SE
I9	20190223	Cloudy	Light	Mid-Ebb	M	4.8	14:15	9.74	8.58	30.91	19.8	3.3	4	112	0.27	SE
I9	20190223	Cloudy	Light	Mid-Ebb	M	4.8	14:15	9.57	8.62	31.53	20.2	3.37	4	113	0.27	SE
I9	20190223	Cloudy	Light	Mid-Ebb	S	1	14:16	9.67	8.58	31.92	19.9	2.61	4	113	0.4	SE
I9	20190223	Cloudy	Light	Mid-Ebb	S	1	14:16	9.83	8.67	32.1	19.9	2.68	5	112	0.38	SE
I10	20190223	Cloudy	Light	Mid-Ebb	B	8.9	14:08	9.48	8.64	30.37	19.8	3.67	3	112	0.23	SE
I10	20190223	Cloudy	Light	Mid-Ebb	B	8.9	14:08	9.59	8.63	31.93	20.1	3.76	3	113	0.23	SE
I10	20190223	Cloudy	Light	Mid-Ebb	M	5	14:09	9.45	8.66	30.89	20.1	3.14	3	113	0.25	SE
I10	20190223	Cloudy	Light	Mid-Ebb	M	5	14:09	9.47	8.59	31.63	19.4	3.07	4	112	0.25	SE
I10	20190223	Cloudy	Light	Mid-Ebb	S	1	14:10	9.41	8.67	30.61	20.2	2.91	4	113	0.41	SE
I10	20190223	Cloudy	Light	Mid-Ebb	S	1	14:10	9.54	8.66	30.37	19.8	3.01	4	113	0.43	SE
UC1	20190224	Cloudy	Light	Mid-Flood	B	10.1	9:41	12.52	8.59	31.92	17.5	4.61	6	112	0.33	NW
UC1	20190224	Cloudy	Light	Mid-Flood	B	10.1	9:41	12.41	8.92	30.89	17.4	4.59	6	112	0.33	NW
UC1	20190224	Cloudy	Light	Mid-Flood	M	5.6	9:42	12.46	8.83	32.29	17.8	4.45	4	113	0.4	NW
UC1	20190224	Cloudy	Light	Mid-Flood	M	5.6	9:42	12.32	8.51	31.83	17.5	4.43	5	111	0.41	NW
UC1	20190224	Cloudy	Light	Mid-Flood	S	1	9:43	12.5	8.5	32.76	17.4	3.78	4	113	0.53	NW
UC1	20190224	Cloudy	Light	Mid-Flood	S	1	9:43	12.68	8.71	32.98	17.3	3.72	4	112	0.51	NW
UC2	20190224	Cloudy	Light	Mid-Flood	B	10.5	9:47	12.43	8.86	31.28	17.5	4.84	6	112	0.35	NW
UC2	20190224	Cloudy	Light	Mid-Flood	B	10.5	9:47	12.34	8.94	32.84	17.3	4.79	6	113	0.37	NW
UC2	20190224	Cloudy	Light	Mid-Flood	M	5.8	9:48	12.34	8.86	31.59	17.6	4.1	5	113	0.47	NW
UC2	20190224	Cloudy	Light	Mid-Flood	M	5.8	9:48	12.32	8.7	29.86	17.5	4.12	4	112	0.48	NW
UC2	20190224	Cloudy	Light	Mid-Flood	S	1	9:49	12.25	8.99	31.28	17.5	3.8	4	113	0.55	NW
UC2	20190224	Cloudy	Light	Mid-Flood	S	1	9:49	12.11	8.8	30	17.1	3.82	4	113	0.54	NW
I1	20190224	Cloudy	Light	Mid-Flood	B	10.9	9:53	12.25	8.56	31.03	17.2	4.59	6	112	0.34	NW
I1	20190224	Cloudy	Light	Mid-Flood	B	10.9	9:53	12.08	8.89	30.82	17.4	4.6	6	112	0.33	NW
I1	20190224	Cloudy	Light	Mid-Flood	M	6	9:54	12.19	8.52	30.36	17.6	4.1	4	113	0.41	NW
I1	20190224	Cloudy	Light	Mid-Flood	M	6	9:54	12.12	8.74	31.15	17.5	4.11	5	113	0.39	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I1	20190224	Cloudy	Light	Mid-Flood	S	1	9:55	11.98	8.72	31.87	17.6	3.84	4	112	0.53	NW
I1	20190224	Cloudy	Light	Mid-Flood	S	1	9:55	12.15	8.67	31.61	17.5	3.91	4	113	0.55	NW
I2	20190224	Cloudy	Light	Mid-Flood	B	9.9	9:59	12.83	8.61	29.26	17.5	4.97	4	112	0.31	NW
I2	20190224	Cloudy	Light	Mid-Flood	B	9.9	9:59	13.03	8.61	29.5	17.8	5.04	5	112	0.29	NW
I2	20190224	Cloudy	Light	Mid-Flood	M	5.5	10:00	13.08	8.98	30.25	17.6	4.28	4	113	0.46	NW
I2	20190224	Cloudy	Light	Mid-Flood	M	5.5	10:00	12.92	8.87	31.36	17.7	4.26	3	112	0.45	NW
I2	20190224	Cloudy	Light	Mid-Flood	S	1	10:01	12.78	8.8	31.97	17.4	3.57	5	112	0.54	NW
I2	20190224	Cloudy	Light	Mid-Flood	S	1	10:01	12.95	8.9	30.94	17.5	3.66	4	112	0.53	NW
I3	20190224	Cloudy	Light	Mid-Flood	B	10.1	10:05	12	8.78	29.9	17.7	4.69	6	113	0.34	NW
I3	20190224	Cloudy	Light	Mid-Flood	B	10.1	10:05	12.19	8.72	29.75	17.8	4.77	5	113	0.33	NW
I3	20190224	Cloudy	Light	Mid-Flood	M	5.6	10:06	11.99	8.76	32.67	17.1	4.26	4	113	0.46	NW
I3	20190224	Cloudy	Light	Mid-Flood	M	5.6	10:06	12.05	9	30.76	17.8	4.2	3	112	0.45	NW
I3	20190224	Cloudy	Light	Mid-Flood	S	1	10:07	12	8.94	30.43	17.3	3.86	3	113	0.58	NW
I3	20190224	Cloudy	Light	Mid-Flood	S	1	10:07	12.09	8.84	29.09	17.7	3.78	4	113	0.59	NW
I4	20190224	Cloudy	Light	Mid-Flood	B	9.1	10:11	12.72	8.78	32.31	17.4	4.63	8	112	0.32	NW
I4	20190224	Cloudy	Light	Mid-Flood	B	9.1	10:11	12.66	8.66	31.45	17.3	4.55	7	112	0.34	NW
I4	20190224	Cloudy	Light	Mid-Flood	M	5.1	10:12	12.79	8.86	32.41	17.8	4.24	6	112	0.48	NW
I4	20190224	Cloudy	Light	Mid-Flood	M	5.1	10:12	12.81	9	31.73	17.4	4.3	7	114	0.5	NW
I4	20190224	Cloudy	Light	Mid-Flood	S	1	10:13	12.95	8.73	32.3	17.6	3.92	5	113	0.55	NW
I4	20190224	Cloudy	Light	Mid-Flood	S	1	10:13	12.77	8.96	31.64	17.3	3.93	5	114	0.55	NW
I5	20190224	Cloudy	Light	Mid-Flood	B	9.6	10:18	12.21	8.6	29.45	17.1	4.82	4	112	0.35	NW
I5	20190224	Cloudy	Light	Mid-Flood	B	9.6	10:18	12.09	8.57	32.99	17.2	4.82	4	113	0.37	NW
I5	20190224	Cloudy	Light	Mid-Flood	M	5.3	10:19	12.25	8.66	31.25	17.8	4.16	6	114	0.45	NW
I5	20190224	Cloudy	Light	Mid-Flood	M	5.3	10:19	12.16	8.91	29.9	17.4	4.26	6	113	0.46	NW
I5	20190224	Cloudy	Light	Mid-Flood	S	1	10:20	12.05	9	32.58	17.3	3.91	8	113	0.56	NW
I5	20190224	Cloudy	Light	Mid-Flood	S	1	10:20	12.08	8.84	31.07	17.1	3.98	6	114	0.54	NW
I6	20190224	Cloudy	Light	Mid-Flood	B	9.3	10:48	12.51	8.6	31.84	17.6	4.67	7	112	0.4	NW
I6	20190224	Cloudy	Light	Mid-Flood	B	9.3	10:48	12.32	8.8	29.73	17.6	4.61	6	113	0.39	NW
I6	20190224	Cloudy	Light	Mid-Flood	M	5.2	10:49	12.24	8.93	29.97	17.4	4.38	6	112	0.42	NW
I6	20190224	Cloudy	Light	Mid-Flood	M	5.2	10:49	12.1	8.87	32.96	17.7	4.46	5	114	0.41	NW
I6	20190224	Cloudy	Light	Mid-Flood	S	1	10:50	11.94	8.59	30.77	17.7	3.95	5	113	0.52	NW
I6	20190224	Cloudy	Light	Mid-Flood	S	1	10:50	12.1	8.52	30.98	17.7	4.02	4	113	0.53	NW



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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I7	20190224	Cloudy	Light	Mid-Flood	B	10	10:42	12.45	8.69	30.55	17.5	4.86	7	114	0.38	NW
I7	20190224	Cloudy	Light	Mid-Flood	B	10	10:42	12.47	8.98	31.12	17.5	4.78	6	113	0.37	NW
I7	20190224	Cloudy	Light	Mid-Flood	M	5.5	10:43	12.66	8.65	32.5	17.5	4.26	7	113	0.46	NW
I7	20190224	Cloudy	Light	Mid-Flood	M	5.5	10:43	12.75	8.82	32.91	17.6	4.34	7	115	0.45	NW
I7	20190224	Cloudy	Light	Mid-Flood	S	1	10:44	12.75	8.7	32.8	17.1	3.65	6	111	0.55	NW
I7	20190224	Cloudy	Light	Mid-Flood	S	1	10:44	12.77	8.91	30.28	17.1	3.63	6	112	0.55	NW
I8	20190224	Cloudy	Light	Mid-Flood	B	9	10:36	12.91	8.82	29.5	17.7	4.92	4	114	0.37	NW
I8	20190224	Cloudy	Light	Mid-Flood	B	9	10:36	12.81	8.94	30.12	17.6	4.86	5	113	0.38	NW
I8	20190224	Cloudy	Light	Mid-Flood	M	5	10:37	12.76	8.63	31.58	17.3	4.14	5	114	0.48	NW
I8	20190224	Cloudy	Light	Mid-Flood	M	5	10:37	12.8	8.52	30.03	17.8	4.19	6	114	0.49	NW
I8	20190224	Cloudy	Light	Mid-Flood	S	1	10:38	12.82	8.95	31.84	17.8	3.63	6	114	0.52	NW
I8	20190224	Cloudy	Light	Mid-Flood	S	1	10:38	12.74	8.85	32.7	17.2	3.7	6	113	0.53	NW
I9	20190224	Cloudy	Light	Mid-Flood	B	9.2	10:30	12.54	8.64	30.1	17.3	4.88	5	113	0.36	NW
I9	20190224	Cloudy	Light	Mid-Flood	B	9.2	10:30	12.54	8.92	32.4	17.5	4.81	4	113	0.34	NW
I9	20190224	Cloudy	Light	Mid-Flood	M	5.1	10:31	12.48	8.78	29.51	17.8	4.22	4	114	0.44	NW
I9	20190224	Cloudy	Light	Mid-Flood	M	5.1	10:31	12.55	8.54	30.76	17.5	4.27	5	112	0.46	NW
I9	20190224	Cloudy	Light	Mid-Flood	S	1	10:32	12.73	8.7	29.51	17.8	3.77	5	113	0.6	NW
I9	20190224	Cloudy	Light	Mid-Flood	S	1	10:32	12.67	8.74	31.31	17.8	3.77	5	114	0.61	NW
I10	20190224	Cloudy	Light	Mid-Flood	B	10.9	10:24	12.66	8.99	31.61	17.4	4.99	5	112	0.34	NW
I10	20190224	Cloudy	Light	Mid-Flood	B	10.9	10:24	12.84	8.82	31.07	17.1	4.9	5	113	0.35	NW
I10	20190224	Cloudy	Light	Mid-Flood	M	6	10:25	13	8.52	32.45	17.7	4.26	4	113	0.44	NW
I10	20190224	Cloudy	Light	Mid-Flood	M	6	10:25	13.02	8.75	31.4	17.3	4.3	5	113	0.46	NW
I10	20190224	Cloudy	Light	Mid-Flood	S	1	10:26	12.85	8.99	31.36	17.1	3.78	3	114	0.59	NW
I10	20190224	Cloudy	Light	Mid-Flood	S	1	10:26	12.87	8.99	30.69	17.2	3.76	4	114	0.57	NW
UC1	20190224	Cloudy	Light	Mid-Ebb	B	8.5	14:12	12.78	8.63	30.13	17.2	4.76	5	114	0.37	SE
UC1	20190224	Cloudy	Light	Mid-Ebb	B	8.5	14:12	12.68	8.81	30.46	17.3	4.77	6	114	0.37	SE
UC1	20190224	Cloudy	Light	Mid-Ebb	M	4.8	14:13	12.54	8.59	29.73	17.7	4.22	5	114	0.48	SE
UC1	20190224	Cloudy	Light	Mid-Ebb	M	4.8	14:13	12.47	8.54	32.32	17.1	4.28	6	114	0.5	SE
UC1	20190224	Cloudy	Light	Mid-Ebb	S	1	14:14	12.67	8.57	30.16	17.6	3.58	6	114	0.56	SE
UC1	20190224	Cloudy	Light	Mid-Ebb	S	1	14:14	12.87	8.81	30.63	17.6	3.63	6	114	0.57	SE
UC2	20190224	Cloudy	Light	Mid-Ebb	B	9.8	14:18	12.78	8.83	29.82	17.7	4.97	4	113	0.36	SE
UC2	20190224	Cloudy	Light	Mid-Ebb	B	9.8	14:18	12.87	8.85	30.86	17.6	4.97	4	113	0.37	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC2	20190224	Cloudy	Light	Mid-Ebb	M	5.4	14:19	12.78	8.57	30.49	17.8	4.3	5	113	0.46	SE
UC2	20190224	Cloudy	Light	Mid-Ebb	M	5.4	14:19	12.68	8.78	32.43	17.6	4.35	4	113	0.46	SE
UC2	20190224	Cloudy	Light	Mid-Ebb	S	1	14:20	12.59	8.95	32.17	17.2	3.54	5	113	0.5	SE
UC2	20190224	Cloudy	Light	Mid-Ebb	S	1	14:20	12.72	8.89	32.14	17.6	3.52	5	114	0.52	SE
I1	20190224	Cloudy	Light	Mid-Ebb	B	8.9	14:39	12.82	9	29.47	17.7	4.96	5	112	0.37	SE
I1	20190224	Cloudy	Light	Mid-Ebb	B	8.9	14:39	12.62	8.52	31.86	17.3	5.03	6	114	0.37	SE
I1	20190224	Cloudy	Light	Mid-Ebb	M	5	14:40	12.56	8.61	31.66	17.3	4.18	5	113	0.45	SE
I1	20190224	Cloudy	Light	Mid-Ebb	M	5	14:40	12.7	8.92	32.73	17.1	4.1	4	112	0.47	SE
I1	20190224	Cloudy	Light	Mid-Ebb	S	1	14:41	12.8	8.83	29.55	17.8	3.83	5	113	0.58	SE
I1	20190224	Cloudy	Light	Mid-Ebb	S	1	14:41	12.99	8.98	31.33	17.1	3.82	6	113	0.59	SE
I2	20190224	Cloudy	Light	Mid-Ebb	B	10.2	14:45	12.13	8.59	31.46	17.2	5	11	113	0.35	SE
I2	20190224	Cloudy	Light	Mid-Ebb	B	10.2	14:45	11.99	8.64	29.75	17.6	4.98	10	114	0.37	SE
I2	20190224	Cloudy	Light	Mid-Ebb	M	5.6	14:46	11.84	9	32.78	17.3	4.22	9	113	0.41	SE
I2	20190224	Cloudy	Light	Mid-Ebb	M	5.6	14:46	11.92	9	29.29	17.4	4.22	10	112	0.43	SE
I2	20190224	Cloudy	Light	Mid-Ebb	S	1	14:47	11.98	8.53	30.77	17.1	3.73	6	113	0.5	SE
I2	20190224	Cloudy	Light	Mid-Ebb	S	1	14:47	11.96	8.96	31.72	17.2	3.65	7	112	0.49	SE
I3	20190224	Cloudy	Light	Mid-Ebb	B	9.5	14:51	12.96	8.56	29.48	17.6	4.75	7	114	0.32	SE
I3	20190224	Cloudy	Light	Mid-Ebb	B	9.5	14:51	13.02	8.79	29.5	17.8	4.84	7	114	0.3	SE
I3	20190224	Cloudy	Light	Mid-Ebb	M	5.3	14:52	13.11	8.69	32.99	17.7	4.23	5	113	0.46	SE
I3	20190224	Cloudy	Light	Mid-Ebb	M	5.3	14:52	13.3	8.87	30.84	17.5	4.16	4	112	0.45	SE
I3	20190224	Cloudy	Light	Mid-Ebb	S	1	14:53	13.22	8.7	29.61	17.3	3.86	5	112	0.52	SE
I3	20190224	Cloudy	Light	Mid-Ebb	S	1	14:53	13.11	8.62	30.85	17.5	3.95	4	113	0.54	SE
I4	20190224	Cloudy	Light	Mid-Ebb	B	8.6	14:57	12.33	8.77	30.67	17.7	4.68	5	112	0.38	SE
I4	20190224	Cloudy	Light	Mid-Ebb	B	8.6	14:57	12.5	8.86	29.67	17.2	4.74	6	112	0.38	SE
I4	20190224	Cloudy	Light	Mid-Ebb	M	4.8	14:58	12.48	8.9	32.66	17.4	4.25	4	114	0.46	SE
I4	20190224	Cloudy	Light	Mid-Ebb	M	4.8	14:58	12.5	8.84	32.55	17.4	4.21	4	113	0.45	SE
I4	20190224	Cloudy	Light	Mid-Ebb	S	1	14:59	12.67	8.85	30.3	17.7	3.9	5	113	0.55	SE
I4	20190224	Cloudy	Light	Mid-Ebb	S	1	14:59	12.51	8.92	31.99	17.1	3.87	6	113	0.55	SE
I5	20190224	Cloudy	Light	Mid-Ebb	B	10.1	15:03	12.68	8.66	30.52	17.1	5	4	114	0.3	SE
I5	20190224	Cloudy	Light	Mid-Ebb	B	10.1	15:03	12.56	8.95	32.87	17.4	5.06	3	114	0.32	SE
I5	20190224	Cloudy	Light	Mid-Ebb	M	5.6	15:04	12.38	8.75	30.92	17.7	4.25	4	114	0.5	SE
I5	20190224	Cloudy	Light	Mid-Ebb	M	5.6	15:04	12.54	8.62	33.07	17.7	4.27	5	113	0.5	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I5	20190224	Cloudy	Light	Mid-Ebb	S	1	15:05	12.72	8.86	29.91	17.8	3.7	5	113	0.57	SE
I5	20190224	Cloudy	Light	Mid-Ebb	S	1	15:05	12.61	8.71	31.91	17.2	3.63	5	114	0.58	SE
I6	20190224	Cloudy	Light	Mid-Ebb	B	10	15:33	12.95	8.67	30.59	17.6	4.89	5	114	0.34	SE
I6	20190224	Cloudy	Light	Mid-Ebb	B	10	15:33	12.83	8.78	30.83	17.8	4.99	6	114	0.35	SE
I6	20190224	Cloudy	Light	Mid-Ebb	M	5.5	15:34	12.72	8.84	30.7	17.2	4.38	4	114	0.41	SE
I6	20190224	Cloudy	Light	Mid-Ebb	M	5.5	15:34	12.78	8.71	30.1	17.4	4.46	5	114	0.4	SE
I6	20190224	Cloudy	Light	Mid-Ebb	S	1	15:35	12.95	8.83	29.41	17.7	3.65	3	113	0.57	SE
I6	20190224	Cloudy	Light	Mid-Ebb	S	1	15:35	12.81	8.98	31.98	17.4	3.75	3	112	0.59	SE
I7	20190224	Cloudy	Light	Mid-Ebb	B	9.6	15:27	12.93	9	32.98	17.2	4.59	4	113	0.4	SE
I7	20190224	Cloudy	Light	Mid-Ebb	B	9.6	15:27	12.83	8.96	31.62	17.7	4.65	4	114	0.41	SE
I7	20190224	Cloudy	Light	Mid-Ebb	M	5.3	15:28	13.01	8.59	31.63	17.5	4.43	6	113	0.45	SE
I7	20190224	Cloudy	Light	Mid-Ebb	M	5.3	15:28	12.83	8.54	30.05	17.8	4.46	6	114	0.44	SE
I7	20190224	Cloudy	Light	Mid-Ebb	S	1	15:29	12.68	8.8	31.76	17.7	3.77	7	113	0.5	SE
I7	20190224	Cloudy	Light	Mid-Ebb	S	1	15:29	12.86	8.76	31.07	17.3	3.75	7	113	0.51	SE
I8	20190224	Cloudy	Light	Mid-Ebb	B	10.2	15:21	12.95	8.91	33.04	17.3	4.84	4	113	0.35	SE
I8	20190224	Cloudy	Light	Mid-Ebb	B	10.2	15:21	13.05	8.66	32.63	17.7	4.83	4	112	0.34	SE
I8	20190224	Cloudy	Light	Mid-Ebb	M	5.6	15:22	12.85	8.5	29.19	17.7	4.32	3	113	0.42	SE
I8	20190224	Cloudy	Light	Mid-Ebb	M	5.6	15:22	12.66	8.66	29.81	17.5	4.24	4	113	0.42	SE
I8	20190224	Cloudy	Light	Mid-Ebb	S	1	15:23	12.7	8.58	31.95	17.2	3.97	2	113	0.59	SE
I8	20190224	Cloudy	Light	Mid-Ebb	S	1	15:23	12.67	8.77	31.42	17.6	3.87	4	114	0.6	SE
I9	20190224	Cloudy	Light	Mid-Ebb	B	8.6	15:15	12.2	8.87	32.53	17.1	4.84	8	114	0.32	SE
I9	20190224	Cloudy	Light	Mid-Ebb	B	8.6	15:15	12.06	8.56	29.3	17.3	4.8	7	113	0.33	SE
I9	20190224	Cloudy	Light	Mid-Ebb	M	4.8	15:16	12.16	8.99	32.01	17.1	4.06	7	114	0.46	SE
I9	20190224	Cloudy	Light	Mid-Ebb	M	4.8	15:16	12.24	8.68	30.27	17.8	4.05	7	113	0.44	SE
I9	20190224	Cloudy	Light	Mid-Ebb	S	1	15:17	12.13	8.75	30.03	17.5	3.69	6	114	0.51	SE
I9	20190224	Cloudy	Light	Mid-Ebb	S	1	15:17	12.09	8.55	32.86	17.8	3.72	7	113	0.53	SE
I10	20190224	Cloudy	Light	Mid-Ebb	B	8.9	15:09	12.29	8.76	31.79	17.3	4.86	8	114	0.35	SE
I10	20190224	Cloudy	Light	Mid-Ebb	B	8.9	15:09	12.33	8.67	31.04	17.4	4.95	8	114	0.37	SE
I10	20190224	Cloudy	Light	Mid-Ebb	M	5	15:10	12.5	8.7	32.5	17.7	4.3	6	114	0.47	SE
I10	20190224	Cloudy	Light	Mid-Ebb	M	5	15:10	12.65	8.58	30.21	17.1	4.4	6	114	0.49	SE
I10	20190224	Cloudy	Light	Mid-Ebb	S	1	15:11	12.46	9	30.52	17.6	3.79	4	114	0.5	SE
I10	20190224	Cloudy	Light	Mid-Ebb	S	1	15:11	12.66	8.57	29.61	17.6	3.79	4	114	0.52	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
UC1	20190226	Cloudy	Light	Mid-Flood	B	9.8	10:32	9.88	9.03	29.3	20.8	3.94	7	112	0.44	NW
UC1	20190226	Cloudy	Light	Mid-Flood	B	9.8	10:32	9.84	8.97	29.8	21	4.03	6	114	0.46	NW
UC1	20190226	Cloudy	Light	Mid-Flood	M	5.4	10:33	9.93	9.06	29.15	20.2	3.16	5	112	0.59	NW
UC1	20190226	Cloudy	Light	Mid-Flood	M	5.4	10:33	10.13	9.05	31.47	20.8	3.15	4	112	0.59	NW
UC1	20190226	Cloudy	Light	Mid-Flood	S	1	10:34	10.16	8.98	29.71	20.5	2.54	3	112	0.66	NW
UC1	20190226	Cloudy	Light	Mid-Flood	S	1	10:34	10.07	9.06	30.55	20.9	2.49	4	112	0.65	NW
UC2	20190226	Cloudy	Light	Mid-Flood	B	8.8	10:36	9.86	8.9	30.04	20.8	3.89	6	112	0.49	NW
UC2	20190226	Cloudy	Light	Mid-Flood	B	8.8	10:36	9.93	8.97	29.65	21	3.97	7	112	0.47	NW
UC2	20190226	Cloudy	Light	Mid-Flood	M	4.9	10:37	10.02	9.05	29.33	20.4	3.48	7	112	0.58	NW
UC2	20190226	Cloudy	Light	Mid-Flood	M	4.9	10:37	9.98	9	29.2	20.5	3.38	6	112	0.58	NW
UC2	20190226	Cloudy	Light	Mid-Flood	S	1	10:38	10.14	9.07	30.29	20.2	2.53	7	112	0.64	NW
UC2	20190226	Cloudy	Light	Mid-Flood	S	1	10:38	9.94	9.02	30.74	20.7	2.47	7	112	0.66	NW
I1	20190226	Cloudy	Light	Mid-Flood	B	10.4	10:42	9.72	9.05	29.89	20.2	3.78	6	112	0.49	NW
I1	20190226	Cloudy	Light	Mid-Flood	B	10.4	10:42	9.91	9.01	31.33	20.6	3.83	6	112	0.47	NW
I1	20190226	Cloudy	Light	Mid-Flood	M	5.7	10:43	9.95	8.9	29.58	20.2	3.1	4	113	0.6	NW
I1	20190226	Cloudy	Light	Mid-Flood	M	5.7	10:43	10.05	9.01	29.85	20.9	3.15	5	112	0.62	NW
I1	20190226	Cloudy	Light	Mid-Flood	S	1	10:44	9.85	8.9	31.5	20.7	2.66	7	112	0.64	NW
I1	20190226	Cloudy	Light	Mid-Flood	S	1	10:44	9.7	8.9	29.36	20.8	2.73	7	112	0.62	NW
I2	20190226	Cloudy	Light	Mid-Flood	B	10.8	10:47	9.63	9	29.5	20.5	3.77	4	113	0.42	NW
I2	20190226	Cloudy	Light	Mid-Flood	B	10.8	10:47	9.43	8.96	29.84	20.6	3.82	5	113	0.41	NW
I2	20190226	Cloudy	Light	Mid-Flood	M	5.9	10:48	9.48	9.03	29.74	20.5	3.32	5	112	0.5	NW
I2	20190226	Cloudy	Light	Mid-Flood	M	5.9	10:48	9.46	8.9	29.37	20.8	3.37	4	113	0.48	NW
I2	20190226	Cloudy	Light	Mid-Flood	S	1	10:49	9.57	9.03	31.8	20.8	2.86	7	111	0.64	NW
I2	20190226	Cloudy	Light	Mid-Flood	S	1	10:49	9.53	8.89	31.04	20.5	2.79	7	112	0.62	NW
I3	20190226	Cloudy	Light	Mid-Flood	B	10.4	10:52	9.08	8.88	31.33	20.5	3.8	4	113	0.46	NW
I3	20190226	Cloudy	Light	Mid-Flood	B	10.4	10:52	9.28	9.01	31.02	20.8	3.81	3	113	0.44	NW
I3	20190226	Cloudy	Light	Mid-Flood	M	5.7	10:53	9.1	8.93	29.92	20.8	3.16	6	112	0.51	NW
I3	20190226	Cloudy	Light	Mid-Flood	M	5.7	10:53	9.01	9.05	29.25	20.9	3.14	5	113	0.49	NW
I3	20190226	Cloudy	Light	Mid-Flood	S	1	10:54	8.93	8.88	31.58	20.2	2.86	6	112	0.66	NW
I3	20190226	Cloudy	Light	Mid-Flood	S	1	10:54	8.76	8.99	30.13	20.7	2.96	6	113	0.64	NW
I4	20190226	Cloudy	Light	Mid-Flood	B	8.9	11:00	9.86	8.91	31.1	20.3	3.99	9	114	0.4	NW
I4	20190226	Cloudy	Light	Mid-Flood	B	8.9	11:00	9.98	9.07	30.96	20.6	4.03	9	112	0.4	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I4	20190226	Cloudy	Light	Mid-Flood	M	5	11:01	9.84	8.89	31.25	20.2	3.02	6	113	0.54	NW
I4	20190226	Cloudy	Light	Mid-Flood	M	5	11:01	9.67	8.95	29.16	21	3	7	113	0.55	NW
I4	20190226	Cloudy	Light	Mid-Flood	S	1	11:02	9.54	8.94	31.5	20.3	2.5	4	114	0.63	NW
I4	20190226	Cloudy	Light	Mid-Flood	S	1	11:02	9.6	8.97	29.47	20.8	2.56	3	112	0.61	NW
I5	20190226	Cloudy	Light	Mid-Flood	B	9.3	11:07	9.92	9.03	30.64	21	3.84	6	113	0.49	NW
I5	20190226	Cloudy	Light	Mid-Flood	B	9.3	11:07	9.74	8.93	31.17	20.9	3.87	6	112	0.48	NW
I5	20190226	Cloudy	Light	Mid-Flood	M	5.2	11:08	9.92	9	31.26	20.9	3.16	6	112	0.5	NW
I5	20190226	Cloudy	Light	Mid-Flood	M	5.2	11:08	9.88	8.94	31.39	20.3	3.2	7	112	0.48	NW
I5	20190226	Cloudy	Light	Mid-Flood	S	1	11:09	9.69	8.95	31.26	21	2.89	10	112	0.61	NW
I5	20190226	Cloudy	Light	Mid-Flood	S	1	11:09	9.57	9	29.57	20.2	2.95	9	113	0.62	NW
I6	20190226	Cloudy	Light	Mid-Flood	B	10.5	11:33	9.37	8.96	31.86	20.7	3.74	5	111	0.46	NW
I6	20190226	Cloudy	Light	Mid-Flood	B	10.5	11:33	9.55	9.05	29.82	20.8	3.79	5	112	0.48	NW
I6	20190226	Cloudy	Light	Mid-Flood	M	5.8	11:34	9.69	8.94	31.79	21	3.46	4	112	0.5	NW
I6	20190226	Cloudy	Light	Mid-Flood	M	5.8	11:34	9.76	8.98	29.96	20.4	3.54	5	111	0.48	NW
I6	20190226	Cloudy	Light	Mid-Flood	S	1	11:35	9.57	9.02	30.07	20.3	2.58	8	113	0.63	NW
I6	20190226	Cloudy	Light	Mid-Flood	S	1	11:35	9.62	8.9	30.99	20.2	2.67	7	113	0.62	NW
I7	20190226	Cloudy	Light	Mid-Flood	B	9.5	11:29	9.2	8.99	31.21	20.7	3.73	3	112	0.45	NW
I7	20190226	Cloudy	Light	Mid-Flood	B	9.5	11:29	9.36	9.02	30.49	20.3	3.76	3	112	0.43	NW
I7	20190226	Cloudy	Light	Mid-Flood	M	5.3	11:30	9.45	8.94	30.41	20.5	3.25	4	112	0.55	NW
I7	20190226	Cloudy	Light	Mid-Flood	M	5.3	11:30	9.61	8.96	30.4	20.4	3.2	4	112	0.54	NW
I7	20190226	Cloudy	Light	Mid-Flood	S	1	11:31	9.45	8.93	31.51	21	2.7	7	112	0.67	NW
I7	20190226	Cloudy	Light	Mid-Flood	S	1	11:31	9.48	9.02	30.63	21	2.8	7	112	0.67	NW
I8	20190226	Cloudy	Light	Mid-Flood	B	9.9	11:25	9.74	8.89	29.64	20.5	3.77	6	113	0.48	NW
I8	20190226	Cloudy	Light	Mid-Flood	B	9.9	11:25	9.78	9.04	31.23	20.9	3.76	6	111	0.46	NW
I8	20190226	Cloudy	Light	Mid-Flood	M	5.5	11:26	9.79	8.95	31.78	20.4	3.24	3	113	0.53	NW
I8	20190226	Cloudy	Light	Mid-Flood	M	5.5	11:26	9.67	8.97	31.26	20.2	3.18	4	112	0.51	NW
I8	20190226	Cloudy	Light	Mid-Flood	S	1	11:27	9.66	8.98	29.56	20.9	2.63	4	112	0.61	NW
I8	20190226	Cloudy	Light	Mid-Flood	S	1	11:27	9.75	8.89	31.47	20.9	2.54	5	112	0.63	NW
I9	20190226	Cloudy	Light	Mid-Flood	B	9.8	11:18	9.45	9.03	29.28	21	3.72	3	112	0.45	NW
I9	20190226	Cloudy	Light	Mid-Flood	B	9.8	11:18	9.52	8.9	30.43	20.4	3.68	2	112	0.46	NW
I9	20190226	Cloudy	Light	Mid-Flood	M	5.4	11:19	9.51	8.97	29.84	20.3	3.36	4	112	0.5	NW
I9	20190226	Cloudy	Light	Mid-Flood	M	5.4	11:19	9.46	8.91	30.03	20.2	3.43	3	112	0.52	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I9	20190226	Cloudy	Light	Mid-Flood	S	1	11:20	9.44	8.98	31.16	20.5	2.97	4	113	0.69	NW
I9	20190226	Cloudy	Light	Mid-Flood	S	1	11:20	9.48	9.06	29.84	20.7	2.91	3	112	0.71	NW
I10	20190226	Cloudy	Light	Mid-Flood	B	9.3	11:14	9.93	8.89	31.5	20.4	3.62	7	112	0.48	NW
I10	20190226	Cloudy	Light	Mid-Flood	B	9.3	11:14	9.85	8.95	31.54	20.9	3.63	8	113	0.49	NW
I10	20190226	Cloudy	Light	Mid-Flood	M	5.2	11:15	10.05	8.9	31.93	20.8	3.18	5	113	0.54	NW
I10	20190226	Cloudy	Light	Mid-Flood	M	5.2	11:15	9.88	8.9	29.74	20.6	3.28	4	113	0.56	NW
I10	20190226	Cloudy	Light	Mid-Flood	S	1	11:16	9.92	8.89	31.83	20.5	2.82	6	113	0.62	NW
I10	20190226	Cloudy	Light	Mid-Flood	S	1	11:16	9.81	8.92	30.13	20.6	2.74	6	113	0.63	NW
UC1	20190226	Cloudy	Light	Mid-Ebb	B	10.3	16:13	9.8	8.93	30.11	21	3.8	7	112	0.4	SE
UC1	20190226	Cloudy	Light	Mid-Ebb	B	10.3	16:13	9.8	9.07	29.25	20.2	3.82	7	112	0.38	SE
UC1	20190226	Cloudy	Light	Mid-Ebb	M	5.7	16:14	9.77	8.88	29.78	20.3	3.12	8	113	0.5	SE
UC1	20190226	Cloudy	Light	Mid-Ebb	M	5.7	16:14	9.79	9.02	30.63	20.8	3.12	8	112	0.5	SE
UC1	20190226	Cloudy	Light	Mid-Ebb	S	1	16:15	9.59	9.07	31.05	20.8	2.79	8	111	0.64	SE
UC1	20190226	Cloudy	Light	Mid-Ebb	S	1	16:15	9.44	8.93	29.82	20.5	2.81	8	113	0.63	SE
UC2	20190226	Cloudy	Light	Mid-Ebb	B	8.8	16:19	9.12	9.06	30.77	20.8	3.5	8	112	0.49	SE
UC2	20190226	Cloudy	Light	Mid-Ebb	B	8.8	16:19	9.3	8.93	30.83	21	3.51	8	113	0.49	SE
UC2	20190226	Cloudy	Light	Mid-Ebb	M	4.9	16:20	9.49	9.03	31.65	20.7	3.5	9	112	0.55	SE
UC2	20190226	Cloudy	Light	Mid-Ebb	M	4.9	16:20	9.38	9.02	30	20.5	3.52	9	112	0.53	SE
UC2	20190226	Cloudy	Light	Mid-Ebb	S	1	16:21	9.57	8.96	30.84	21	2.92	7	113	0.63	SE
UC2	20190226	Cloudy	Light	Mid-Ebb	S	1	16:21	9.65	9.02	31.13	20.2	2.97	7	113	0.63	SE
I1	20190226	Cloudy	Light	Mid-Ebb	B	10.3	16:24	9.63	9.03	29.15	21	3.83	7	113	0.5	SE
I1	20190226	Cloudy	Light	Mid-Ebb	B	10.3	16:24	9.46	8.9	31.2	20.2	3.88	6	112	0.5	SE
I1	20190226	Cloudy	Light	Mid-Ebb	M	5.7	16:25	9.27	9.02	31.26	20.3	3.26	6	112	0.56	SE
I1	20190226	Cloudy	Light	Mid-Ebb	M	5.7	16:25	9.43	8.97	30.93	20.9	3.36	6	112	0.54	SE
I1	20190226	Cloudy	Light	Mid-Ebb	S	1	16:26	9.54	9.02	31.25	20.7	2.78	7	112	0.7	SE
I1	20190226	Cloudy	Light	Mid-Ebb	S	1	16:26	9.61	9.03	30.87	20.3	2.81	7	112	0.71	SE
I2	20190226	Cloudy	Light	Mid-Ebb	B	9.9	16:28	9	8.9	29.25	20.2	3.95	10	113	0.42	SE
I2	20190226	Cloudy	Light	Mid-Ebb	B	9.9	16:28	9.03	9.05	30.03	20.5	3.86	10	113	0.42	SE
I2	20190226	Cloudy	Light	Mid-Ebb	M	5.5	16:29	9.17	9.02	30.76	20.5	3.19	14	113	0.55	SE
I2	20190226	Cloudy	Light	Mid-Ebb	M	5.5	16:29	9.21	8.93	30.85	20.6	3.14	13	113	0.57	SE
I2	20190226	Cloudy	Light	Mid-Ebb	S	1	16:30	9.01	8.94	29.71	21	2.99	13	112	0.62	SE
I2	20190226	Cloudy	Light	Mid-Ebb	S	1	16:30	9.05	9.07	30.59	20.2	3.04	14	113	0.61	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I3	20190226	Cloudy	Light	Mid-Ebb	B	8.5	16:33	9.94	8.92	30.56	20.5	3.5	15	113	0.44	SE
I3	20190226	Cloudy	Light	Mid-Ebb	B	8.5	16:33	10.11	8.88	29.42	20.3	3.5	16	113	0.43	SE
I3	20190226	Cloudy	Light	Mid-Ebb	M	4.8	16:34	9.94	8.88	31.31	20.4	3.32	15	113	0.52	SE
I3	20190226	Cloudy	Light	Mid-Ebb	M	4.8	16:34	9.93	9.01	29.17	20.5	3.4	15	113	0.5	SE
I3	20190226	Cloudy	Light	Mid-Ebb	S	1	16:35	9.84	8.93	30.02	21	2.89	15	113	0.61	SE
I3	20190226	Cloudy	Light	Mid-Ebb	S	1	16:35	10.02	9.02	29.65	20.9	2.86	14	114	0.61	SE
I4	20190226	Cloudy	Light	Mid-Ebb	B	10	16:38	9.14	8.96	29.61	20.3	3.6	7	113	0.43	SE
I4	20190226	Cloudy	Light	Mid-Ebb	B	10	16:38	9	8.99	29.34	20.8	3.6	7	113	0.45	SE
I4	20190226	Cloudy	Light	Mid-Ebb	M	5.5	16:39	9.13	8.95	31.62	20.5	3.38	8	113	0.59	SE
I4	20190226	Cloudy	Light	Mid-Ebb	M	5.5	16:39	9.15	8.96	29.53	20.3	3.41	9	113	0.61	SE
I4	20190226	Cloudy	Light	Mid-Ebb	S	1	16:40	9.28	8.9	30.42	20.3	2.74	6	114	0.67	SE
I4	20190226	Cloudy	Light	Mid-Ebb	S	1	16:40	9.16	8.88	31.57	20.3	2.77	7	114	0.69	SE
I5	20190226	Cloudy	Light	Mid-Ebb	B	8.5	16:42	9.41	8.95	30.08	20.4	3.89	8	114	0.42	SE
I5	20190226	Cloudy	Light	Mid-Ebb	B	8.5	16:42	9.32	9.02	29.7	20.3	3.9	7	113	0.44	SE
I5	20190226	Cloudy	Light	Mid-Ebb	M	4.8	16:43	9.34	8.97	31.42	20.4	3.49	9	113	0.51	SE
I5	20190226	Cloudy	Light	Mid-Ebb	M	4.8	16:43	9.26	9.02	29.88	20.7	3.45	8	113	0.53	SE
I5	20190226	Cloudy	Light	Mid-Ebb	S	1	16:44	9.1	8.98	29.59	21	2.98	10	113	0.68	SE
I5	20190226	Cloudy	Light	Mid-Ebb	S	1	16:44	8.96	8.97	29.27	20.4	3.02	10	113	0.69	SE
I6	20190226	Cloudy	Light	Mid-Ebb	B	9.8	17:05	9.41	8.88	29.56	20.7	3.95	12	113	0.47	SE
I6	20190226	Cloudy	Light	Mid-Ebb	B	9.8	17:05	9.32	9.05	31.86	20.7	3.92	10	112	0.49	SE
I6	20190226	Cloudy	Light	Mid-Ebb	M	5.4	17:06	9.14	9.02	31.07	20.9	3.21	12	113	0.51	SE
I6	20190226	Cloudy	Light	Mid-Ebb	M	5.4	17:06	9	9.02	31.81	20.8	3.12	10	112	0.52	SE
I6	20190226	Cloudy	Light	Mid-Ebb	S	1	17:07	8.83	8.96	29.07	20.5	2.84	10	113	0.65	SE
I6	20190226	Cloudy	Light	Mid-Ebb	S	1	17:07	8.75	8.88	30.34	20.2	2.76	11	112	0.66	SE
I7	20190226	Cloudy	Light	Mid-Ebb	B	8.8	17:01	9.68	9.04	29.46	20.7	3.59	9	113	0.45	SE
I7	20190226	Cloudy	Light	Mid-Ebb	B	8.8	17:01	9.55	9.06	30.76	20.7	3.62	10	114	0.46	SE
I7	20190226	Cloudy	Light	Mid-Ebb	M	4.9	17:02	9.58	8.94	31.76	20.5	3.08	8	113	0.59	SE
I7	20190226	Cloudy	Light	Mid-Ebb	M	4.9	17:02	9.58	8.97	31.23	20.3	3.05	9	114	0.59	SE
I7	20190226	Cloudy	Light	Mid-Ebb	S	1	17:03	9.77	8.93	29.11	20.7	2.69	9	113	0.7	SE
I7	20190226	Cloudy	Light	Mid-Ebb	S	1	17:03	9.65	9.05	31.38	20.7	2.67	9	113	0.71	SE
I8	20190226	Cloudy	Light	Mid-Ebb	B	9.7	16:56	9.47	9.06	30.35	20.3	3.53	7	113	0.44	SE
I8	20190226	Cloudy	Light	Mid-Ebb	B	9.7	16:56	9.41	8.9	30.99	20.6	3.57	6	113	0.43	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I8	20190226	Cloudy	Light	Mid-Ebb	M	5.4	16:57	9.33	8.99	29.96	20.3	3.19	9	113	0.52	SE
I8	20190226	Cloudy	Light	Mid-Ebb	M	5.4	16:57	9.18	8.99	31.71	20.2	3.23	10	113	0.5	SE
I8	20190226	Cloudy	Light	Mid-Ebb	S	1	16:58	9.35	9	30.6	20.7	2.53	10	113	0.65	SE
I8	20190226	Cloudy	Light	Mid-Ebb	S	1	16:58	9.24	9.01	29.52	20.3	2.6	10	114	0.66	SE
I9	20190226	Cloudy	Light	Mid-Ebb	B	8.6	16:52	9.47	8.98	30.3	20.2	3.97	7	113	0.44	SE
I9	20190226	Cloudy	Light	Mid-Ebb	B	8.6	16:52	9.53	8.91	30.54	20.4	3.92	7	113	0.46	SE
I9	20190226	Cloudy	Light	Mid-Ebb	M	4.8	16:53	9.51	9.01	31.6	20.8	3.19	6	114	0.52	SE
I9	20190226	Cloudy	Light	Mid-Ebb	M	4.8	16:53	9.68	9.07	30.58	20.2	3.2	7	113	0.54	SE
I9	20190226	Cloudy	Light	Mid-Ebb	S	1	16:54	9.7	8.95	31.32	20.9	2.97	5	113	0.7	SE
I9	20190226	Cloudy	Light	Mid-Ebb	S	1	16:54	9.89	9	29.4	21	2.91	6	114	0.7	SE
I10	20190226	Cloudy	Light	Mid-Ebb	B	9.2	16:47	9.14	8.88	30.2	21	3.67	10	114	0.5	SE
I10	20190226	Cloudy	Light	Mid-Ebb	B	9.2	16:47	9.2	9.01	31.57	20.4	3.6	10	113	0.48	SE
I10	20190226	Cloudy	Light	Mid-Ebb	M	5.1	16:48	9.01	8.91	31.22	20.6	3.15	12	114	0.54	SE
I10	20190226	Cloudy	Light	Mid-Ebb	M	5.1	16:48	8.98	9.06	31.56	20.7	3.23	12	113	0.53	SE
I10	20190226	Cloudy	Light	Mid-Ebb	S	1	16:49	9.13	9.03	29.38	20.3	2.86	5	113	0.7	SE
I10	20190226	Cloudy	Light	Mid-Ebb	S	1	16:49	9.11	8.93	30.48	20.8	2.82	5	113	0.68	SE
UC1	20190228	Cloudy	Light	Mid-Flood	B	10.8	12:10	9.27	8.2	31.09	20.1	4.73	2	113	0.42	NW
UC1	20190228	Cloudy	Light	Mid-Flood	B	10.8	12:10	9.09	8.26	31.54	20.2	4.42	2	113	0.4	NW
UC1	20190228	Cloudy	Light	Mid-Flood	M	5.9	12:11	9.12	8.3	30.93	20.2	3.58	2	112	0.35	NW
UC1	20190228	Cloudy	Light	Mid-Flood	M	5.9	12:11	9.07	8.43	30.88	20.1	3.45	2	114	0.34	NW
UC1	20190228	Cloudy	Light	Mid-Flood	S	1	12:12	9.1	8.14	30.34	20.1	3.03	4	113	0.45	NW
UC1	20190228	Cloudy	Light	Mid-Flood	S	1	12:12	9.05	8.34	31.83	20.2	2.91	4	112	0.45	NW
UC2	20190228	Cloudy	Light	Mid-Flood	B	9.9	12:20	9.12	8.27	30.41	20.2	4.4	4	112	0.37	NW
UC2	20190228	Cloudy	Light	Mid-Flood	B	9.9	12:20	9.15	8.32	31.27	20.2	4.24	4	114	0.38	NW
UC2	20190228	Cloudy	Light	Mid-Flood	M	5.5	12:21	9.27	8.24	31.52	20.1	3.77	5	113	0.45	NW
UC2	20190228	Cloudy	Light	Mid-Flood	M	5.5	12:21	9.26	8.13	30.51	20.2	3.31	5	113	0.46	NW
UC2	20190228	Cloudy	Light	Mid-Flood	S	1	12:22	9.21	8.39	30.93	20.1	3.02	4	113	0.39	NW
UC2	20190228	Cloudy	Light	Mid-Flood	S	1	12:22	9.12	8.53	31.42	20.2	2.75	4	113	0.4	NW
I1	20190228	Cloudy	Light	Mid-Flood	B	9.1	12:25	9.25	8.25	31.24	20.2	4.67	5	114	0.42	NW
I1	20190228	Cloudy	Light	Mid-Flood	B	9.1	12:25	9.12	8.35	31.16	20.1	4.33	5	113	0.44	NW
I1	20190228	Cloudy	Light	Mid-Flood	M	5.1	12:26	9.27	8.52	31.14	20.2	3.83	7	114	0.41	NW
I1	20190228	Cloudy	Light	Mid-Flood	M	5.1	12:26	9.24	8.13	31.41	20.2	3.72	6	113	0.41	NW



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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I1	20190228	Cloudy	Light	Mid-Flood	S	1	12:27	9.08	8.47	31.51	20.1	2.86	6	112	0.42	NW
I1	20190228	Cloudy	Light	Mid-Flood	S	1	12:27	9.09	8.15	31.3	20.2	2.79	6	113	0.4	NW
I2	20190228	Cloudy	Light	Mid-Flood	B	10.2	12:29	9.25	8.48	30.43	20.2	4.52	3	113	0.34	NW
I2	20190228	Cloudy	Light	Mid-Flood	B	10.2	12:29	9.25	8.18	31.64	20.1	4.26	4	112	0.36	NW
I2	20190228	Cloudy	Light	Mid-Flood	M	5.6	12:30	9.24	8.43	30.39	20.1	3.31	5	113	0.39	NW
I2	20190228	Cloudy	Light	Mid-Flood	M	5.6	12:30	9.13	8.27	30.79	20.1	3.3	4	113	0.38	NW
I2	20190228	Cloudy	Light	Mid-Flood	S	1	12:31	9.05	8.15	30.57	20.1	3.02	6	114	0.4	NW
I2	20190228	Cloudy	Light	Mid-Flood	S	1	12:31	9.02	8.27	30.5	20.2	2.96	6	114	0.4	NW
I3	20190228	Cloudy	Light	Mid-Flood	B	10.9	12:35	9.07	8.47	31.83	20.2	4.16	4	113	0.44	NW
I3	20190228	Cloudy	Light	Mid-Flood	B	10.9	12:35	9.11	8.49	31.06	20.2	4.15	3	112	0.42	NW
I3	20190228	Cloudy	Light	Mid-Flood	M	6	12:36	9.24	8.25	30.12	20.2	3.29	5	112	0.42	NW
I3	20190228	Cloudy	Light	Mid-Flood	M	6	12:36	9.03	8.42	31.74	20.2	3.63	4	112	0.44	NW
I3	20190228	Cloudy	Light	Mid-Flood	S	1	12:37	9.22	8.2	31.01	20.1	2.79	4	113	0.35	NW
I3	20190228	Cloudy	Light	Mid-Flood	S	1	12:37	9.05	8.37	31.03	20.2	2.74	5	112	0.33	NW
I4	20190228	Cloudy	Light	Mid-Flood	B	10.1	12:40	9.16	8.57	31.35	20.2	4.41	4	112	0.43	NW
I4	20190228	Cloudy	Light	Mid-Flood	B	10.1	12:40	9.16	8.49	31.41	20.1	4.24	4	112	0.44	NW
I4	20190228	Cloudy	Light	Mid-Flood	M	5.6	12:41	9.22	8.56	30.51	20.2	3.4	6	112	0.43	NW
I4	20190228	Cloudy	Light	Mid-Flood	M	5.6	12:41	9.02	8.13	31.61	20.2	3.48	6	112	0.42	NW
I4	20190228	Cloudy	Light	Mid-Flood	S	1	12:42	9.11	8.55	30.94	20.1	3.06	6	113	0.38	NW
I4	20190228	Cloudy	Light	Mid-Flood	S	1	12:42	9.26	8.19	31.61	20.1	3.05	7	113	0.4	NW
I5	20190228	Cloudy	Light	Mid-Flood	B	10	12:45	9.13	8.26	31.72	20.1	4.65	3	112	0.4	NW
I5	20190228	Cloudy	Light	Mid-Flood	B	10	12:45	9.07	8.29	31.91	20.1	4.33	2	113	0.4	NW
I5	20190228	Cloudy	Light	Mid-Flood	M	5.5	12:46	9.15	8.27	31.77	20.1	3.32	4	112	0.4	NW
I5	20190228	Cloudy	Light	Mid-Flood	M	5.5	12:46	9.02	8.24	30.69	20.1	3.45	3	113	0.41	NW
I5	20190228	Cloudy	Light	Mid-Flood	S	1	12:47	9.26	8.15	31.3	20.2	2.76	3	113	0.38	NW
I5	20190228	Cloudy	Light	Mid-Flood	S	1	12:47	9.07	8.41	31.84	20.1	3.01	4	112	0.38	NW
I6	20190228	Cloudy	Light	Mid-Flood	B	9.7	13:12	9.07	8.47	30.74	20.2	4.88	3	113	0.44	NW
I6	20190228	Cloudy	Light	Mid-Flood	B	9.7	13:12	9.15	8.24	31.57	20.2	4.28	2	113	0.43	NW
I6	20190228	Cloudy	Light	Mid-Flood	M	5.4	13:13	9.11	8.5	30.21	20.2	3.44	3	113	0.35	NW
I6	20190228	Cloudy	Light	Mid-Flood	M	5.4	13:13	9.25	8.54	31.24	20.2	3.34	3	114	0.33	NW
I6	20190228	Cloudy	Light	Mid-Flood	S	1	13:14	9.26	8.4	30.17	20.1	3.03	3	112	0.45	NW
I6	20190228	Cloudy	Light	Mid-Flood	S	1	13:14	9.14	8.47	30.84	20.1	2.81	2	113	0.46	NW

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I7	20190228	Cloudy	Light	Mid-Flood	B	10	13:05	9.16	8.54	30.74	20.2	4.67	4	113	0.37	NW
I7	20190228	Cloudy	Light	Mid-Flood	B	10	13:05	9.17	8.16	31.45	20.1	4.84	5	113	0.35	NW
I7	20190228	Cloudy	Light	Mid-Flood	M	5.5	13:06	9.1	8.49	31.08	20.2	3.28	6	113	0.39	NW
I7	20190228	Cloudy	Light	Mid-Flood	M	5.5	13:06	9.25	8.21	31.55	20.1	3.72	5	113	0.41	NW
I7	20190228	Cloudy	Light	Mid-Flood	S	1	13:07	9.05	8.18	31.42	20.2	2.9	4	113	0.43	NW
I7	20190228	Cloudy	Light	Mid-Flood	S	1	13:07	9.16	8.28	31.42	20.2	3	4	114	0.42	NW
I8	20190228	Cloudy	Light	Mid-Flood	B	10.3	13:00	9.1	8.31	30.23	20.1	4.52	4	112	0.35	NW
I8	20190228	Cloudy	Light	Mid-Flood	B	10.3	13:00	9.2	8.53	31.59	20.2	4.76	5	112	0.33	NW
I8	20190228	Cloudy	Light	Mid-Flood	M	5.7	13:01	9.03	8.33	30.08	20.1	3.56	2	113	0.42	NW
I8	20190228	Cloudy	Light	Mid-Flood	M	5.7	13:01	9.2	8.3	31.67	20.1	3.74	2	113	0.44	NW
I8	20190228	Cloudy	Light	Mid-Flood	S	1	13:02	9.19	8.49	30.61	20.1	2.89	2	112	0.36	NW
I8	20190228	Cloudy	Light	Mid-Flood	S	1	13:02	9.19	8.15	30.81	20.2	2.99	3	113	0.36	NW
I9	20190228	Cloudy	Light	Mid-Flood	B	10.6	12:55	9.02	8.24	31.89	20.2	4.93	4	112	0.44	NW
I9	20190228	Cloudy	Light	Mid-Flood	B	10.6	12:55	9.25	8.33	31.49	20.2	4.46	3	112	0.46	NW
I9	20190228	Cloudy	Light	Mid-Flood	M	5.8	12:56	9.08	8.41	31.63	20.1	3.61	4	112	0.35	NW
I9	20190228	Cloudy	Light	Mid-Flood	M	5.8	12:56	9.08	8.15	30.83	20.2	3.56	4	112	0.34	NW
I9	20190228	Cloudy	Light	Mid-Flood	S	1	12:57	9.16	8.42	30.13	20.2	2.97	2	112	0.38	NW
I9	20190228	Cloudy	Light	Mid-Flood	S	1	12:57	9.13	8.22	31.86	20.1	2.77	2	112	0.36	NW
I10	20190228	Cloudy	Light	Mid-Flood	B	9.6	12:50	9.27	8.16	30.5	20.1	4.47	4	113	0.41	NW
I10	20190228	Cloudy	Light	Mid-Flood	B	9.6	12:50	9.1	8.55	30.88	20.2	4.71	4	112	0.39	NW
I10	20190228	Cloudy	Light	Mid-Flood	M	5.3	12:51	9.21	8.16	30.15	20.2	3.86	5	112	0.43	NW
I10	20190228	Cloudy	Light	Mid-Flood	M	5.3	12:51	9.04	8.18	31.63	20.2	3.8	4	112	0.43	NW
I10	20190228	Cloudy	Light	Mid-Flood	S	1	12:52	9.04	8.5	30.33	20.1	2.84	5	112	0.39	NW
I10	20190228	Cloudy	Light	Mid-Flood	S	1	12:52	9.02	8.32	30.14	20.1	2.95	6	112	0.38	NW
UC1	20190228	Cloudy	Light	Mid-Ebb	B	8.8	16:55	9.09	8.31	30.9	20.2	4.78	7	112	0.39	SE
UC1	20190228	Cloudy	Light	Mid-Ebb	B	8.8	16:55	9.25	8.3	31.69	20.1	4.37	6	112	0.39	SE
UC1	20190228	Cloudy	Light	Mid-Ebb	M	4.9	16:56	9.12	8.49	30.36	20.2	3.58	6	112	0.43	SE
UC1	20190228	Cloudy	Light	Mid-Ebb	M	4.9	16:56	9.16	8.28	31.58	20.1	3.83	6	112	0.41	SE
UC1	20190228	Cloudy	Light	Mid-Ebb	S	1	16:57	9.1	8.37	30.67	20.1	2.89	3	112	0.36	SE
UC1	20190228	Cloudy	Light	Mid-Ebb	S	1	16:57	9.12	8.5	30.44	20.2	2.88	4	112	0.36	SE
UC2	20190228	Cloudy	Light	Mid-Ebb	B	9.2	17:02	9.07	8.27	31.89	20.1	4.38	2	112	0.42	SE
UC2	20190228	Cloudy	Light	Mid-Ebb	B	9.2	17:02	9.27	8.53	30.98	20.2	4.37	2	113	0.4	SE

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UC2	20190228	Cloudy	Light	Mid-Ebb	M	5.1	17:03	9.06	8.14	30.47	20.1	3.72	3	113	0.41	SE
UC2	20190228	Cloudy	Light	Mid-Ebb	M	5.1	17:03	9.04	8.43	30.56	20.2	3.3	3	112	0.39	SE
UC2	20190228	Cloudy	Light	Mid-Ebb	S	1	17:04	9.13	8.24	30.18	20.2	3.06	4	111	0.44	SE
UC2	20190228	Cloudy	Light	Mid-Ebb	S	1	17:04	9.13	8.3	30.87	20.2	3.04	3	112	0.45	SE
I1	20190228	Cloudy	Light	Mid-Ebb	B	9.4	17:10	9.19	8.14	30.42	20.2	4.22	2	113	0.39	SE
I1	20190228	Cloudy	Light	Mid-Ebb	B	9.4	17:10	9.26	8.44	31.19	20.2	4.69	3	113	0.39	SE
I1	20190228	Cloudy	Light	Mid-Ebb	M	5.2	17:11	9.27	8.42	31.73	20.1	3.75	3	112	0.4	SE
I1	20190228	Cloudy	Light	Mid-Ebb	M	5.2	17:11	9.03	8.3	30.9	20.2	3.48	3	112	0.38	SE
I1	20190228	Cloudy	Light	Mid-Ebb	S	1	17:12	9.23	8.38	30.42	20.2	2.81	4	112	0.42	SE
I1	20190228	Cloudy	Light	Mid-Ebb	S	1	17:12	9.15	8.15	30.86	20.1	2.79	3	113	0.44	SE
I2	20190228	Cloudy	Light	Mid-Ebb	B	8.9	17:16	9.09	8.57	30.43	20.2	4.29	4	112	0.42	SE
I2	20190228	Cloudy	Light	Mid-Ebb	B	8.9	17:16	9.25	8.43	31.89	20.1	4.22	4	112	0.44	SE
I2	20190228	Cloudy	Light	Mid-Ebb	M	5	17:17	9.16	8.55	30.35	20.2	3.63	3	112	0.43	SE
I2	20190228	Cloudy	Light	Mid-Ebb	M	5	17:17	9.23	8.43	31.43	20.1	3.42	2	113	0.41	SE
I2	20190228	Cloudy	Light	Mid-Ebb	S	1	17:18	9.25	8.29	30.84	20.2	2.83	2	112	0.39	SE
I2	20190228	Cloudy	Light	Mid-Ebb	S	1	17:18	9.18	8.13	30.57	20.2	2.82	2	112	0.4	SE
I3	20190228	Cloudy	Light	Mid-Ebb	B	8.4	17:20	9.26	8.21	31.15	20.2	4.9	3	113	0.42	SE
I3	20190228	Cloudy	Light	Mid-Ebb	B	8.4	17:20	9.06	8.53	30.88	20.1	4.74	2	112	0.4	SE
I3	20190228	Cloudy	Light	Mid-Ebb	M	4.7	17:21	9.26	8.52	31.93	20.1	3.46	3	113	0.36	SE
I3	20190228	Cloudy	Light	Mid-Ebb	M	4.7	17:21	9.14	8.32	31.21	20.2	3.5	3	112	0.36	SE
I3	20190228	Cloudy	Light	Mid-Ebb	S	1	17:22	9.07	8.45	31.53	20.2	2.81	2	112	0.41	SE
I3	20190228	Cloudy	Light	Mid-Ebb	S	1	17:22	9.18	8.24	30.44	20.1	2.92	2	113	0.4	SE
I4	20190228	Cloudy	Light	Mid-Ebb	B	9.8	17:25	9.17	8.56	31.82	20.2	4.48	3	113	0.45	SE
I4	20190228	Cloudy	Light	Mid-Ebb	B	9.8	17:25	9.22	8.36	30.35	20.1	4.24	2	112	0.43	SE
I4	20190228	Cloudy	Light	Mid-Ebb	M	5.4	17:26	9.14	8.56	30.24	20.1	3.72	3	113	0.45	SE
I4	20190228	Cloudy	Light	Mid-Ebb	M	5.4	17:26	9.22	8.15	30.61	20.2	3.36	4	112	0.45	SE
I4	20190228	Cloudy	Light	Mid-Ebb	S	1	17:27	9.19	8.3	31.62	20.1	3.04	4	112	0.41	SE
I4	20190228	Cloudy	Light	Mid-Ebb	S	1	17:27	9.1	8.26	31.64	20.2	2.94	4	113	0.39	SE
I5	20190228	Cloudy	Light	Mid-Ebb	B	8.8	17:30	9.2	8.49	30.13	20.1	4.44	5	112	0.44	SE
I5	20190228	Cloudy	Light	Mid-Ebb	B	8.8	17:30	9.09	8.17	31.86	20.1	4.89	5	113	0.46	SE
I5	20190228	Cloudy	Light	Mid-Ebb	M	4.9	17:31	9.12	8.23	31.83	20.2	3.79	5	112	0.42	SE
I5	20190228	Cloudy	Light	Mid-Ebb	M	4.9	17:31	9.23	8.36	31.6	20.2	3.62	4	112	0.41	SE

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Location	Date	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 2</small>	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
I5	20190228	Cloudy	Light	Mid-Ebb	S	1	17:32	9.06	8.49	31.36	20.1	2.84	5	113	0.35	SE
I5	20190228	Cloudy	Light	Mid-Ebb	S	1	17:32	9.03	8.18	31.33	20.1	2.93	5	113	0.35	SE
I6	20190228	Cloudy	Light	Mid-Ebb	B	9.5	18:00	9.22	8.5	31.4	20.1	4.32	3	112	0.39	SE
I6	20190228	Cloudy	Light	Mid-Ebb	B	9.5	18:00	9.25	8.42	30.51	20.2	4.92	3	112	0.4	SE
I6	20190228	Cloudy	Light	Mid-Ebb	M	5.3	18:01	9.08	8.15	31.21	20.2	3.55	4	112	0.45	SE
I6	20190228	Cloudy	Light	Mid-Ebb	M	5.3	18:01	9.18	8.36	30.82	20.1	3.8	4	112	0.45	SE
I6	20190228	Cloudy	Light	Mid-Ebb	S	1	18:02	9.18	8.42	31.46	20.2	2.75	5	112	0.44	SE
I6	20190228	Cloudy	Light	Mid-Ebb	S	1	18:02	9.22	8.52	31.15	20.2	2.82	4	112	0.44	SE
I7	20190228	Cloudy	Light	Mid-Ebb	B	9.5	17:55	9.13	8.43	31.37	20.2	4.89	5	113	0.37	SE
I7	20190228	Cloudy	Light	Mid-Ebb	B	9.5	17:55	9.02	8.18	30.66	20.2	4.43	5	112	0.37	SE
I7	20190228	Cloudy	Light	Mid-Ebb	M	5.3	17:56	9.19	8.44	30.93	20.2	3.78	3	112	0.45	SE
I7	20190228	Cloudy	Light	Mid-Ebb	M	5.3	17:56	9.09	8.28	30.51	20.2	3.67	2	112	0.44	SE
I7	20190228	Cloudy	Light	Mid-Ebb	S	1	17:57	9.09	8.16	31.51	20.1	2.76	4	113	0.41	SE
I7	20190228	Cloudy	Light	Mid-Ebb	S	1	17:57	9.27	8.5	31.76	20.1	2.98	2	112	0.43	SE
I8	20190228	Cloudy	Light	Mid-Ebb	B	9.9	17:50	9.21	8.54	30.24	20.2	4.16	7	112	0.42	SE
I8	20190228	Cloudy	Light	Mid-Ebb	B	9.9	17:50	9.04	8.46	30.84	20.2	4.74	8	113	0.41	SE
I8	20190228	Cloudy	Light	Mid-Ebb	M	5.5	17:51	9.06	8.39	30.26	20.1	3.78	5	112	0.4	SE
I8	20190228	Cloudy	Light	Mid-Ebb	M	5.5	17:51	9.1	8.36	30.24	20.1	3.79	5	112	0.42	SE
I8	20190228	Cloudy	Light	Mid-Ebb	S	1	17:52	9.08	8.19	31.01	20.2	2.74	6	113	0.44	SE
I8	20190228	Cloudy	Light	Mid-Ebb	S	1	17:52	9.05	8.37	30.56	20.1	2.92	6	112	0.43	SE
I9	20190228	Cloudy	Light	Mid-Ebb	B	9.1	17:40	9.07	8.54	31.82	20.1	4.78	2	112	0.42	SE
I9	20190228	Cloudy	Light	Mid-Ebb	B	9.1	17:40	9.25	8.57	31.51	20.1	4.19	3	112	0.42	SE
I9	20190228	Cloudy	Light	Mid-Ebb	M	5.1	17:41	9.26	8.43	31.71	20.2	3.54	5	112	0.4	SE
I9	20190228	Cloudy	Light	Mid-Ebb	M	5.1	17:41	9.2	8.15	30.88	20.2	3.69	4	112	0.41	SE
I9	20190228	Cloudy	Light	Mid-Ebb	S	1	17:42	9.24	8.29	30.48	20.1	2.99	5	113	0.35	SE
I9	20190228	Cloudy	Light	Mid-Ebb	S	1	17:42	9.21	8.14	30.88	20.1	2.88	4	111	0.33	SE
I10	20190228	Cloudy	Light	Mid-Ebb	B	9.3	17:35	9.27	8.45	31.29	20.2	4.29	7	112	0.45	SE
I10	20190228	Cloudy	Light	Mid-Ebb	B	9.3	17:35	9.13	8.37	31.54	20.2	4.41	7	112	0.43	SE
I10	20190228	Cloudy	Light	Mid-Ebb	M	5.2	17:36	9.09	8.16	30.58	20.1	3.45	4	112	0.41	SE
I10	20190228	Cloudy	Light	Mid-Ebb	M	5.2	17:36	9.2	8.28	30.83	20.1	3.59	4	113	0.43	SE
I10	20190228	Cloudy	Light	Mid-Ebb	S	1	17:37	9.14	8.3	31.39	20.2	2.81	4	113	0.34	SE
I10	20190228	Cloudy	Light	Mid-Ebb	S	1	17:37	9.19	8.45	30.68	20.1	2.85	4	112	0.36	SE

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**Remarks:**

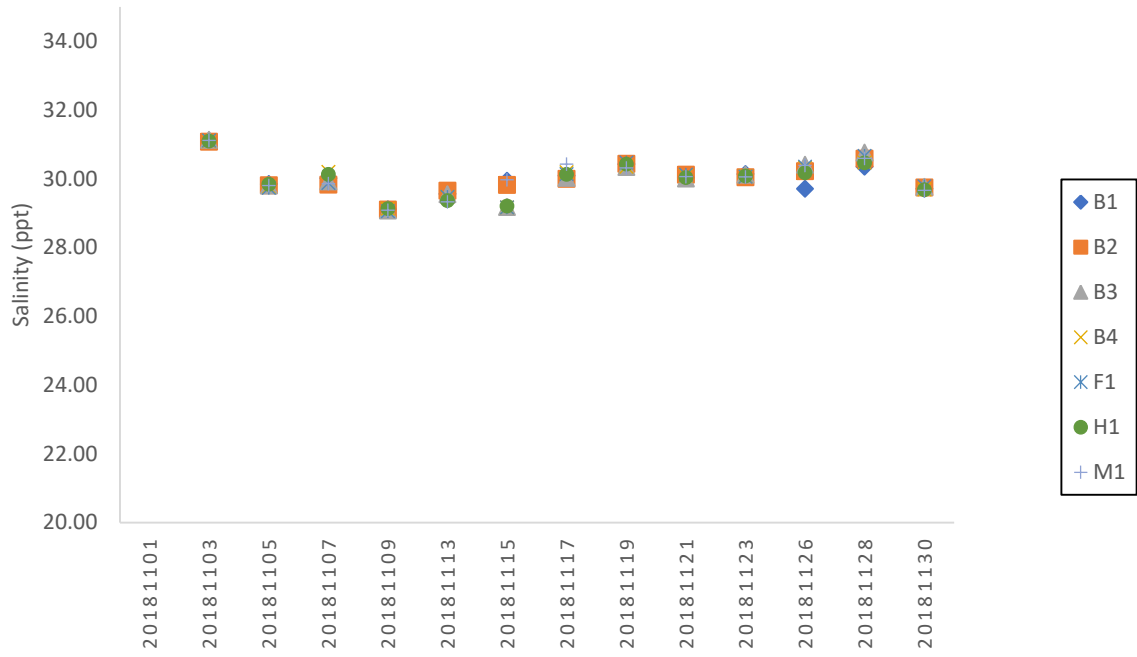
note 1: S – Surface M – Middle B – Bottom

note 2: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.

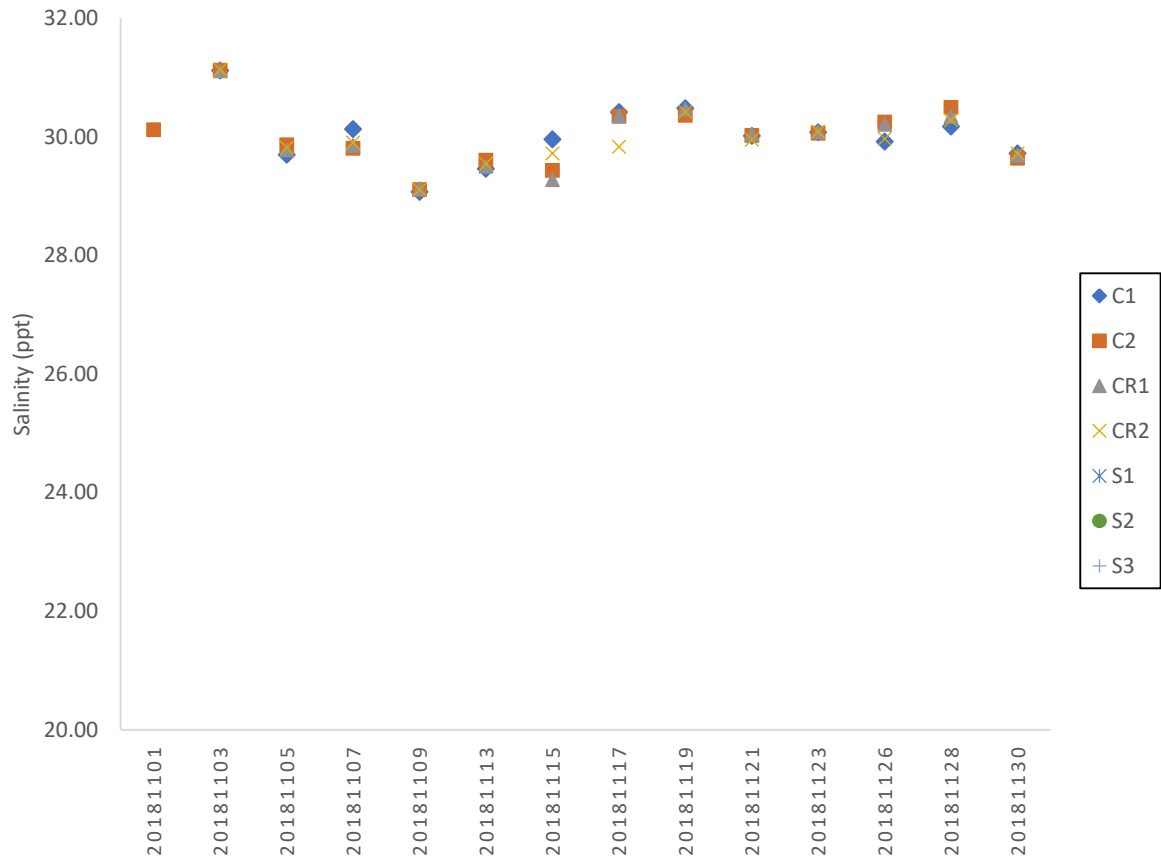
note 3: Cancelled due to leakage of container.

note 4: Cancelled due to mobile impact station positioning on land.

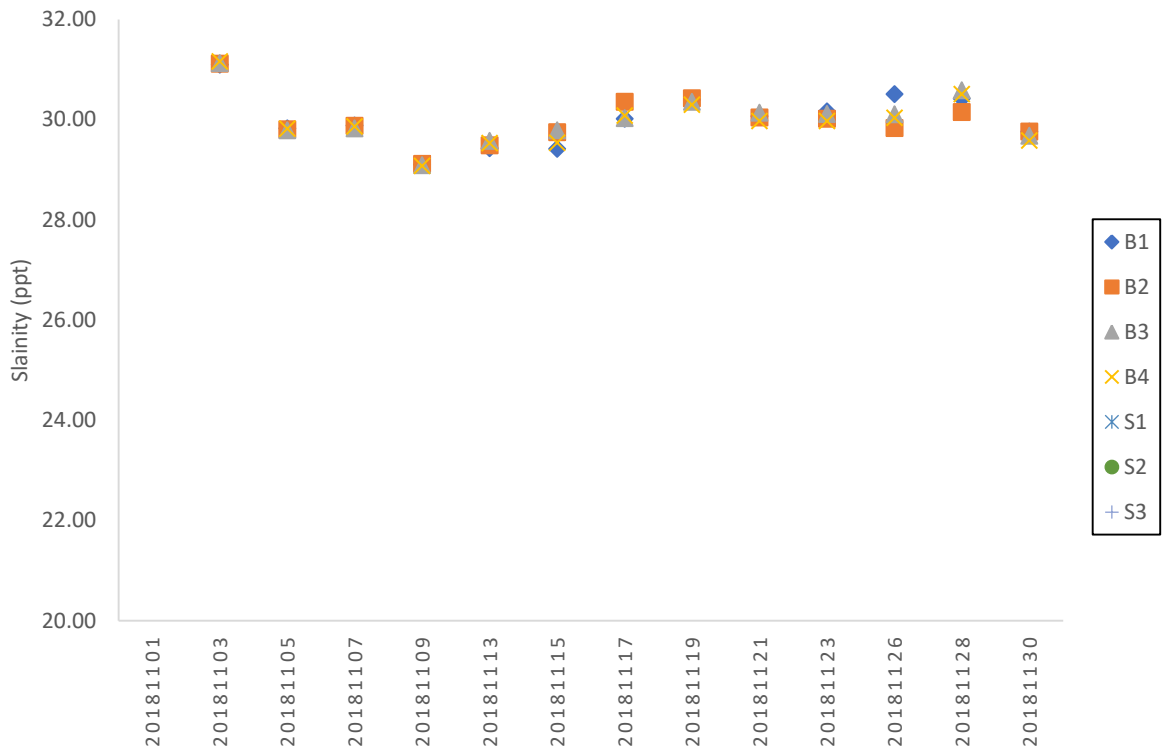
### Salinity (Depth-averaged) during Mid-Flood



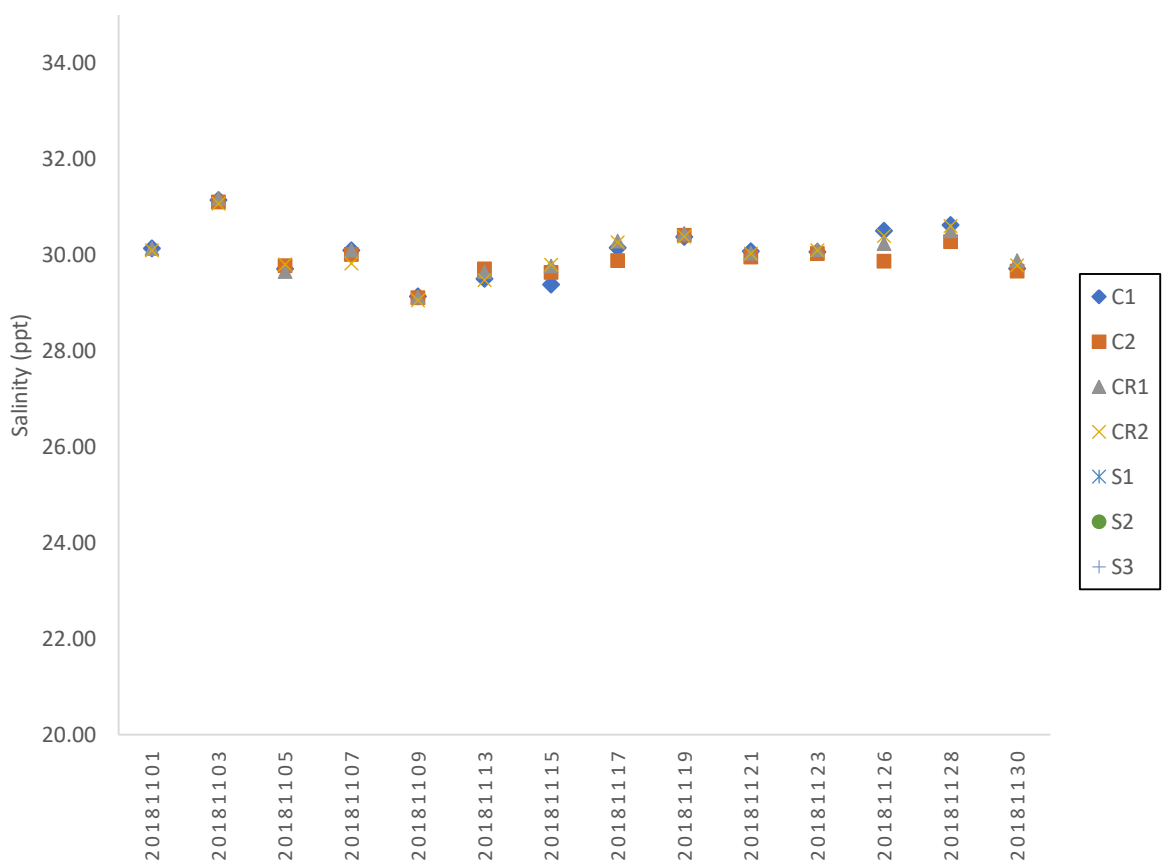
### Salinity (Depth-averaged) during Mid-Flood

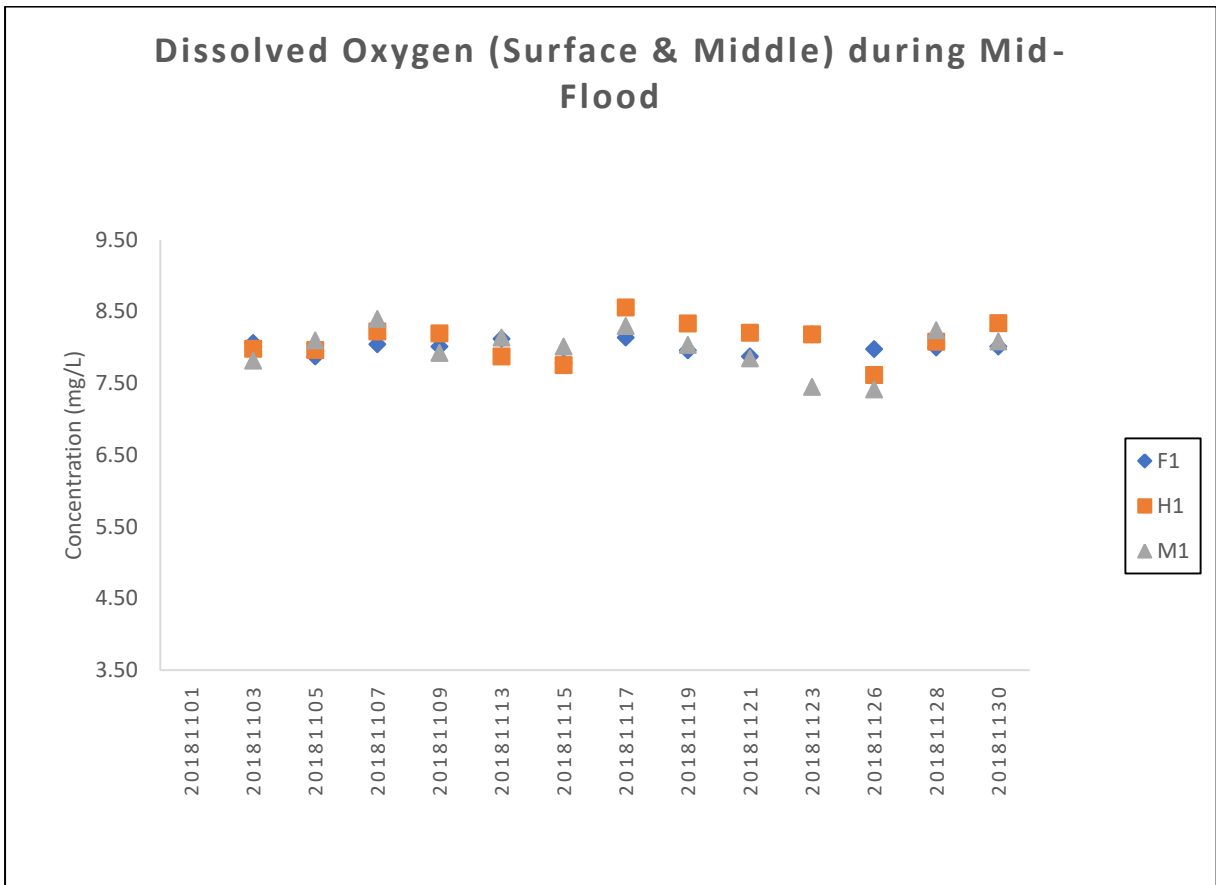
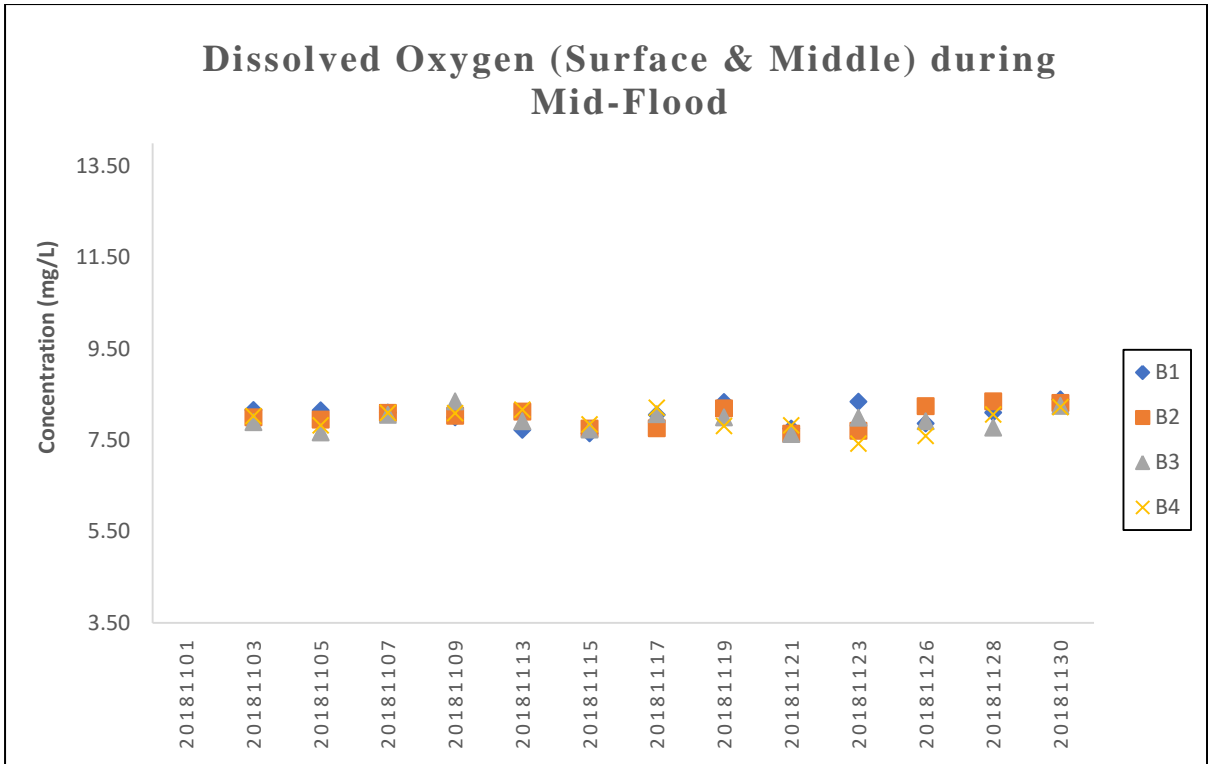


### Salinity (Depth-averaged) during Mid-Ebb



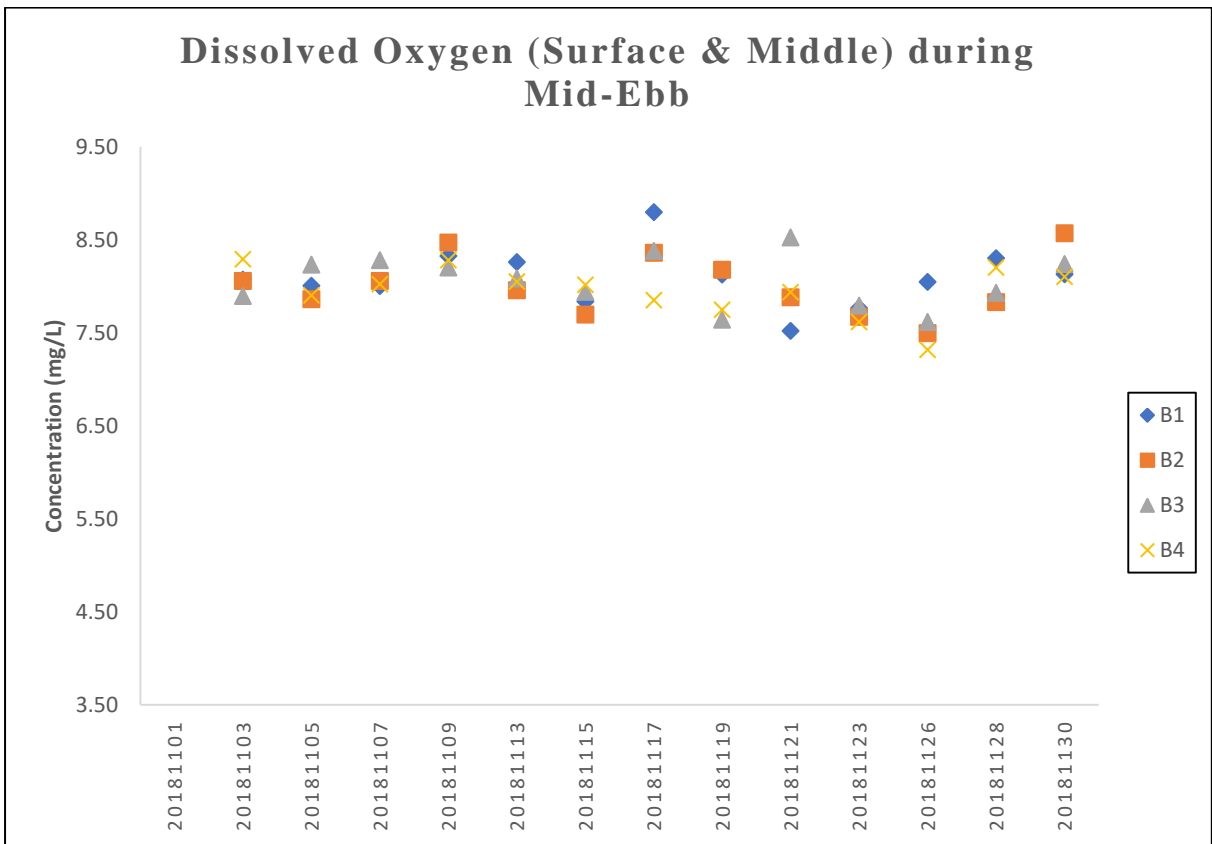
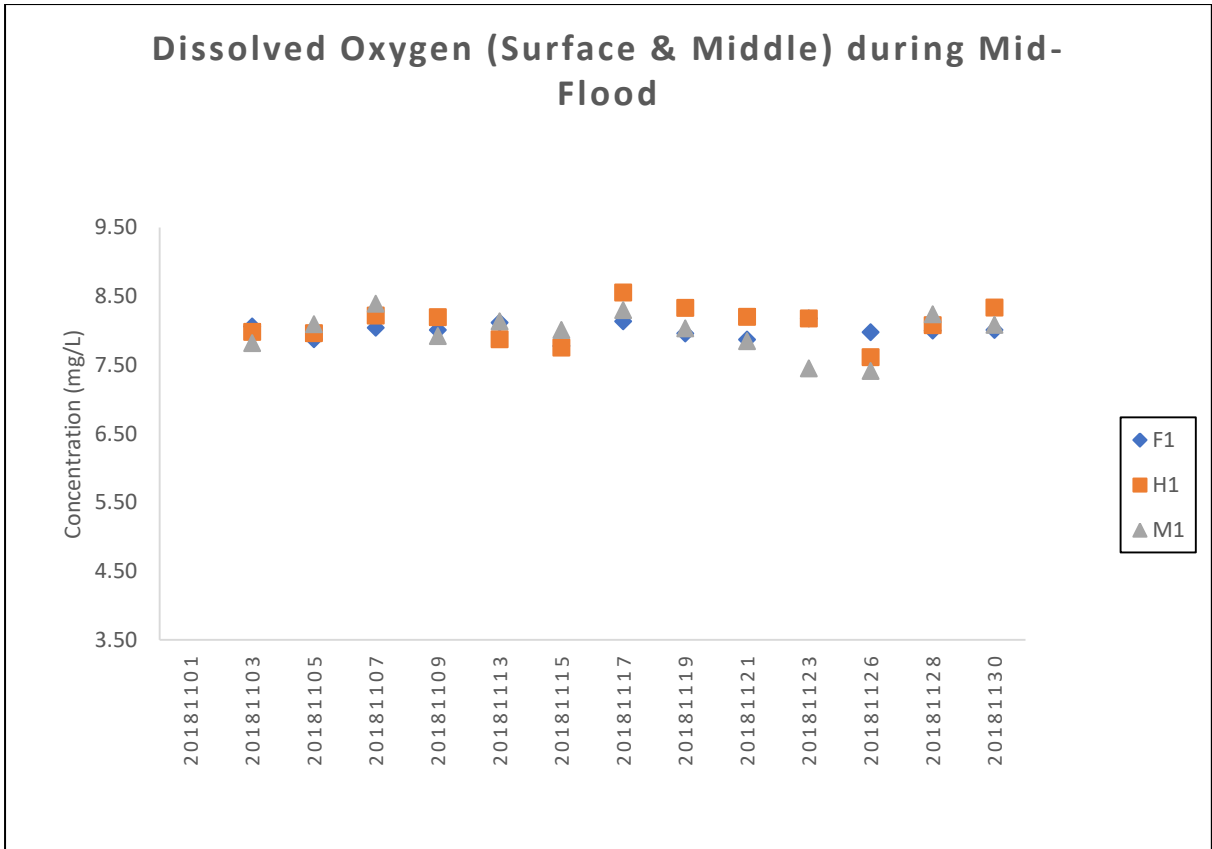
### Salinity (Depth-averaged) during Mid-Ebb



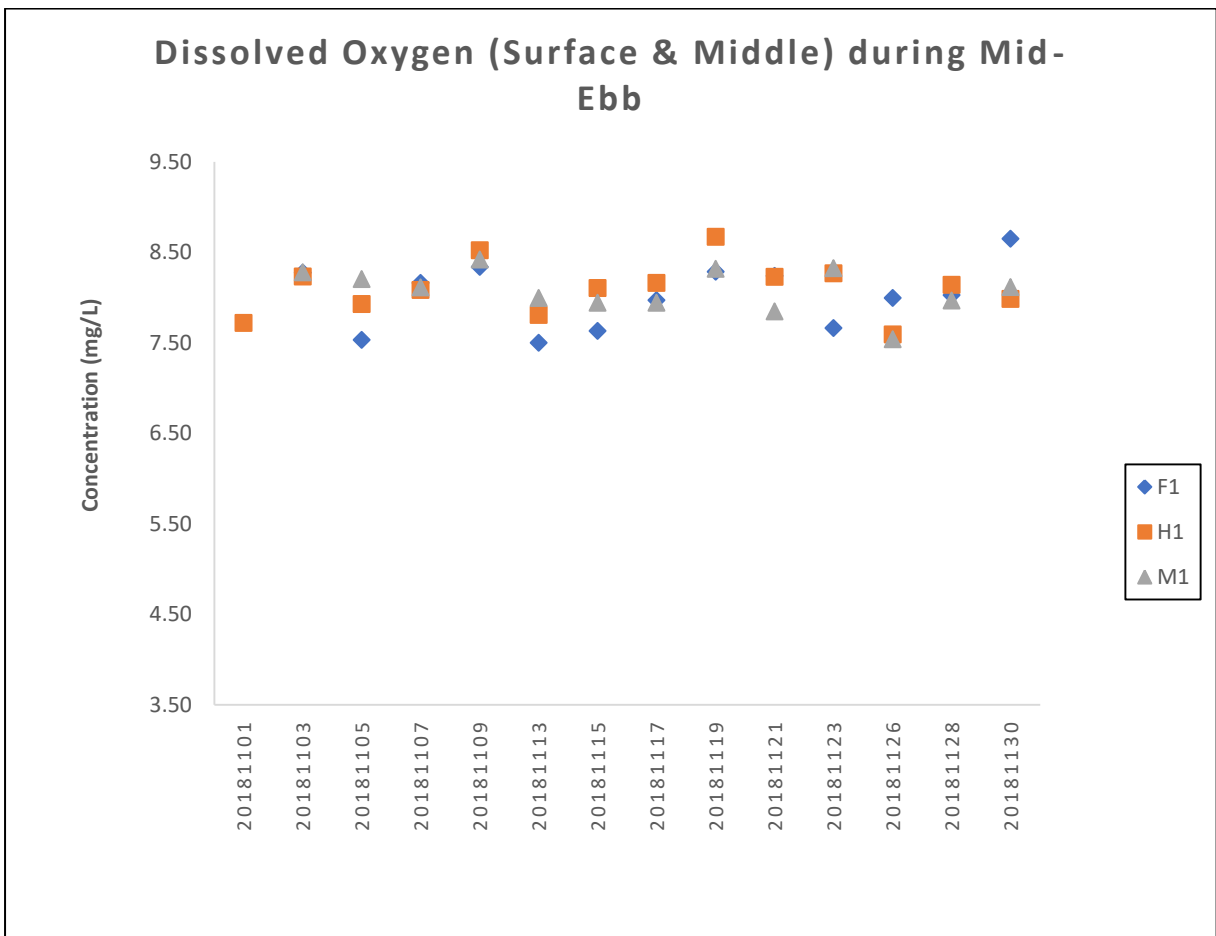
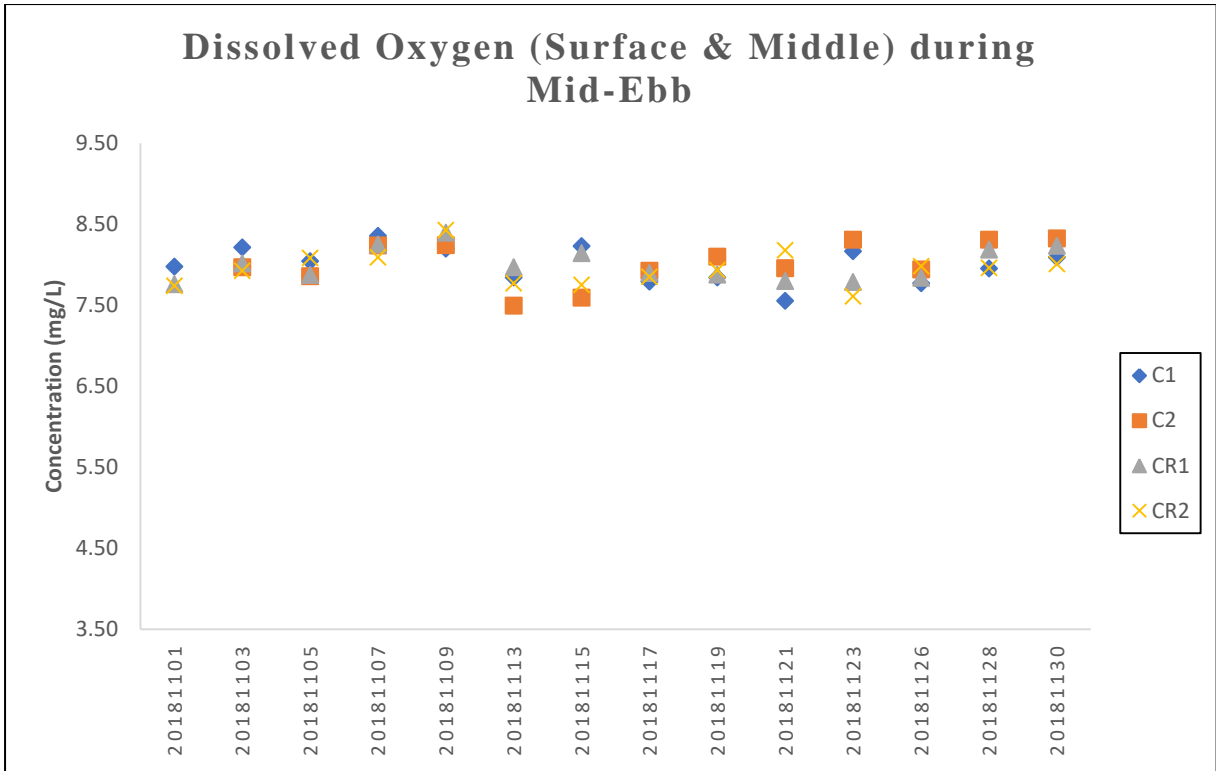


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

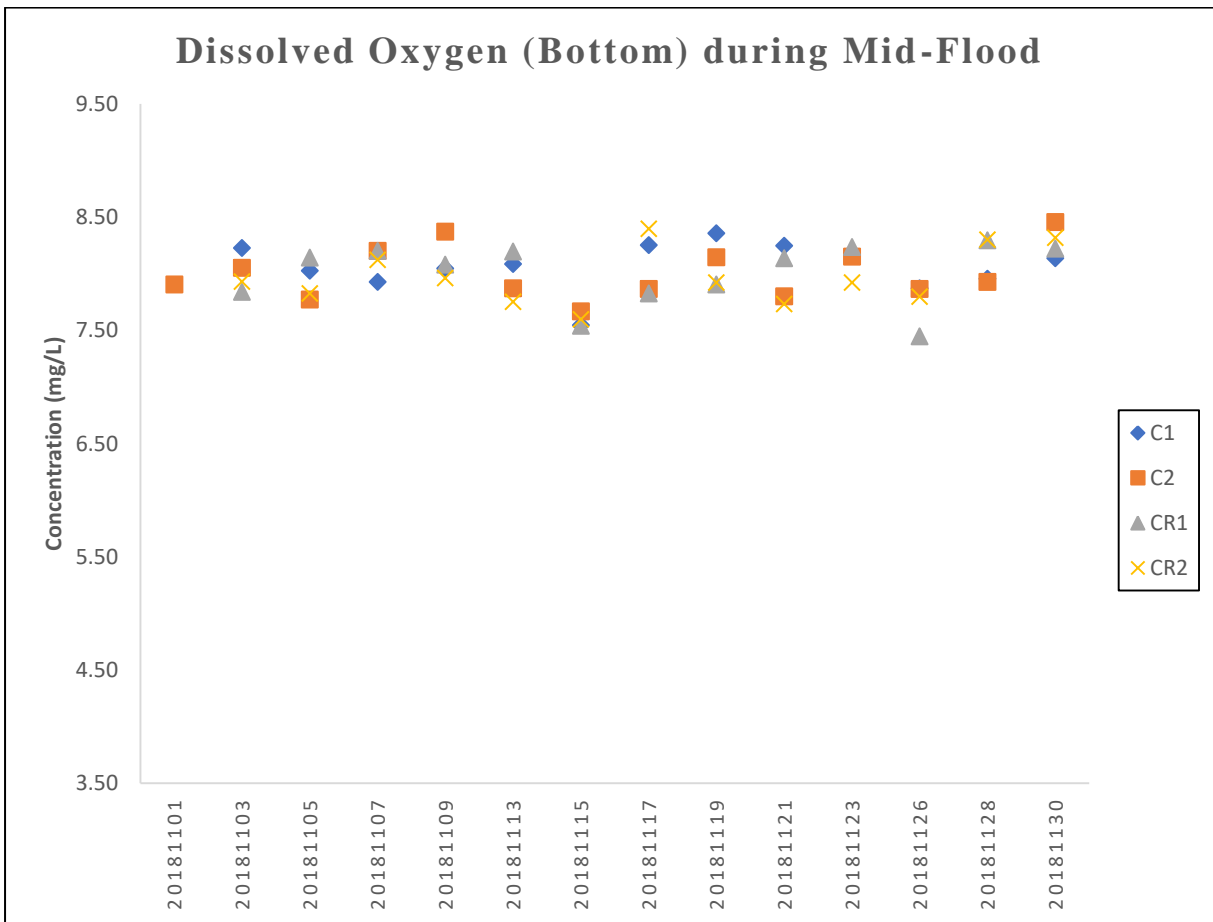
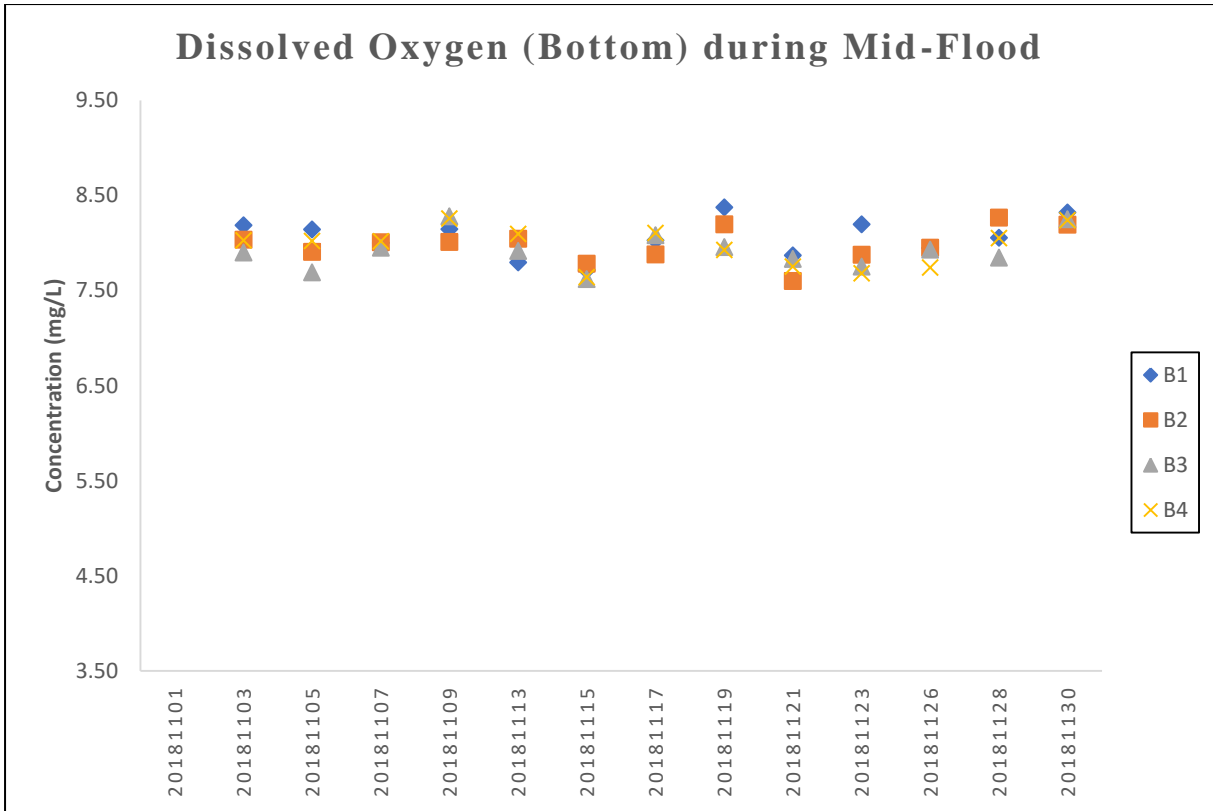




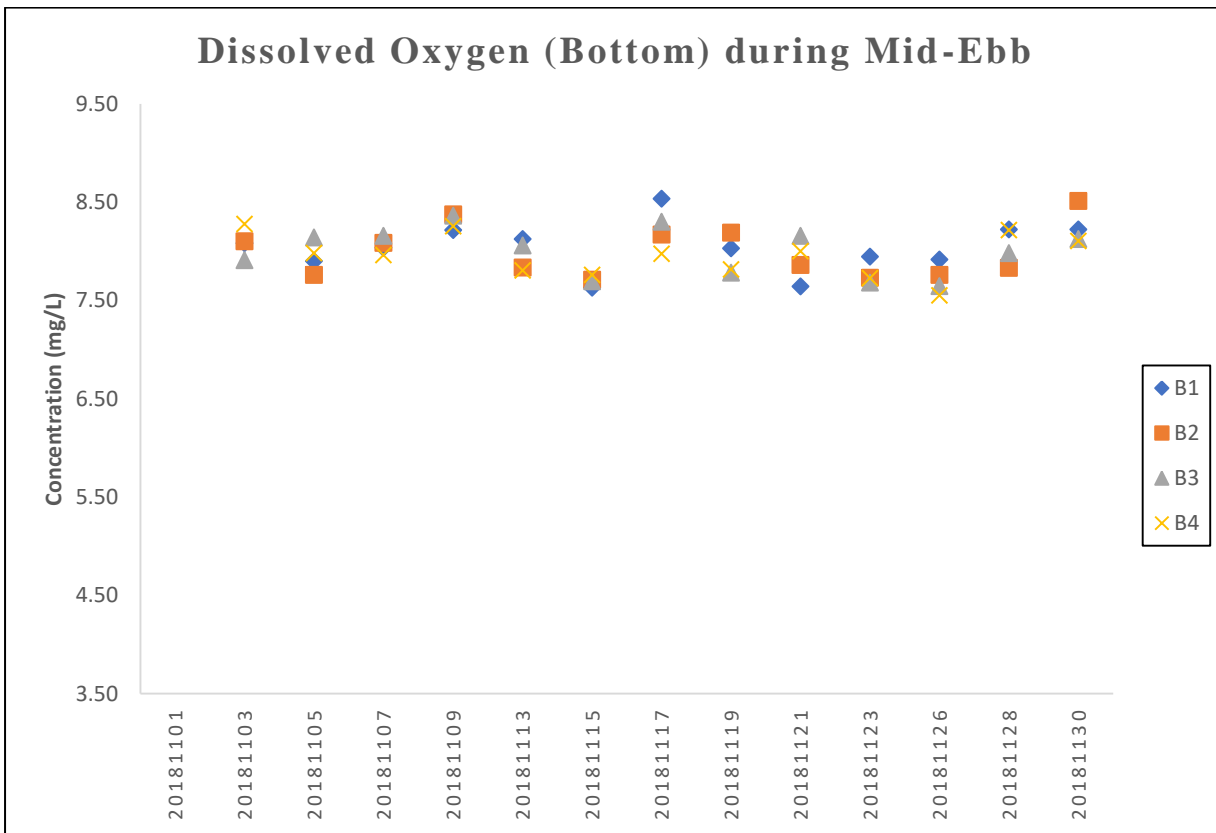
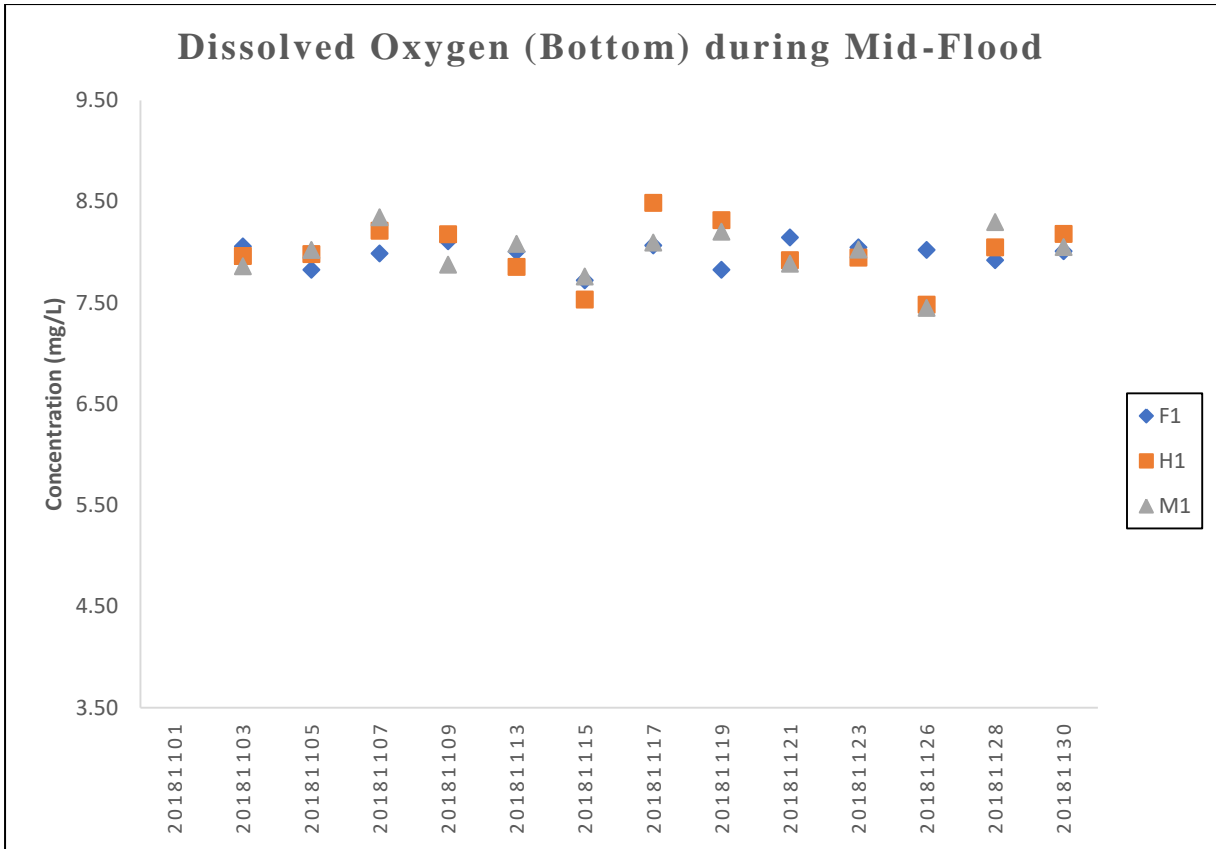
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



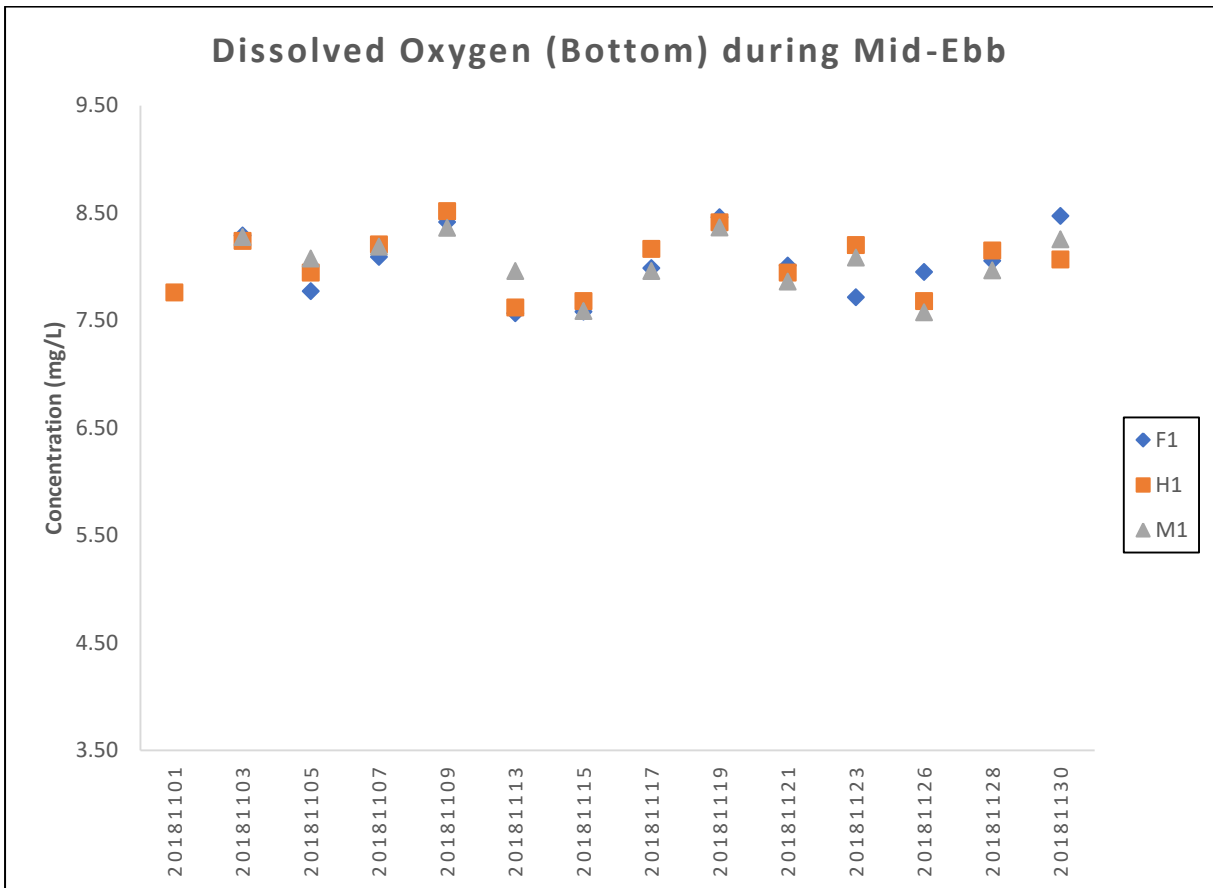
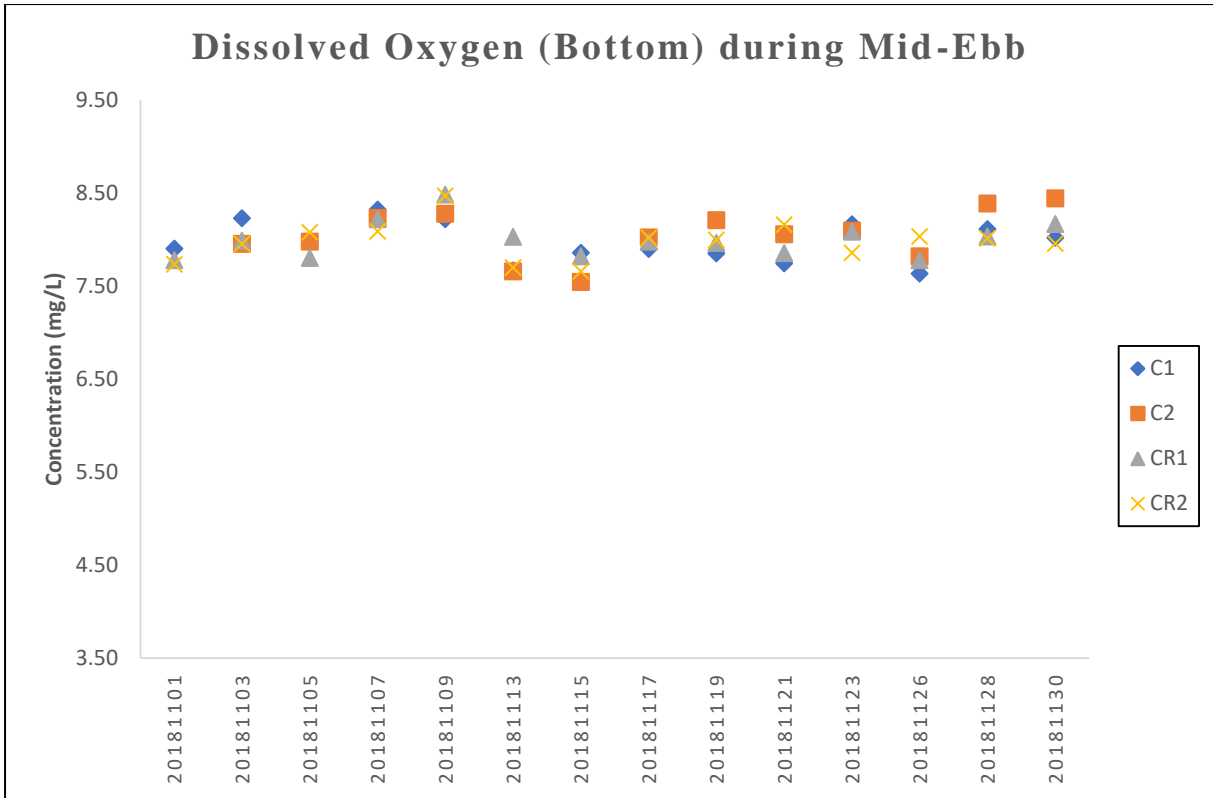
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



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

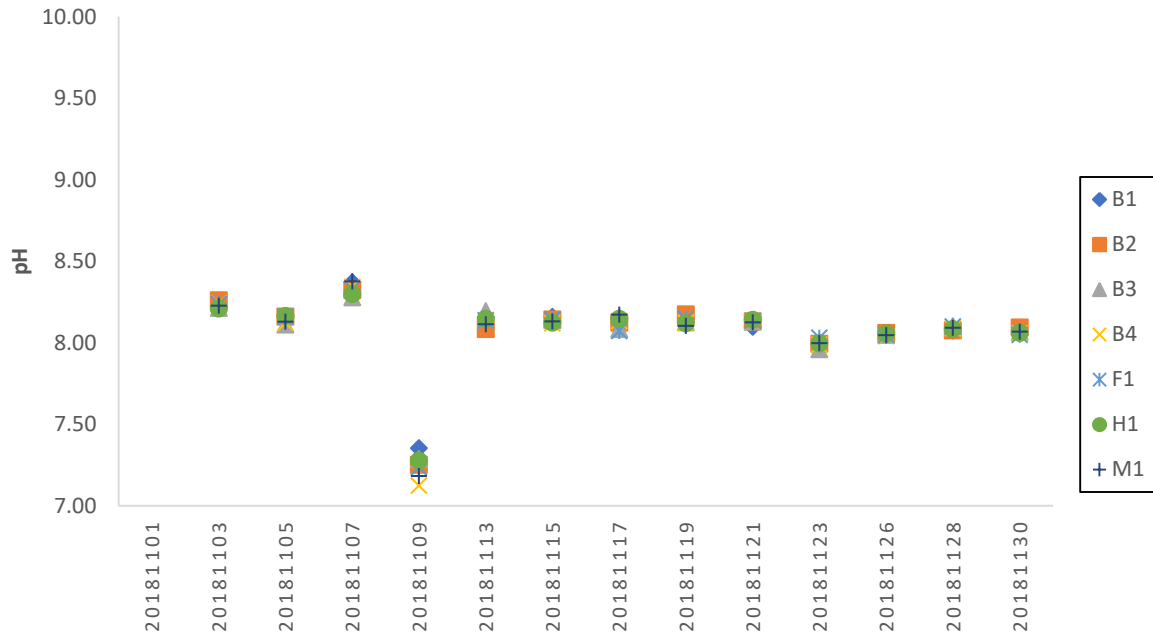


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

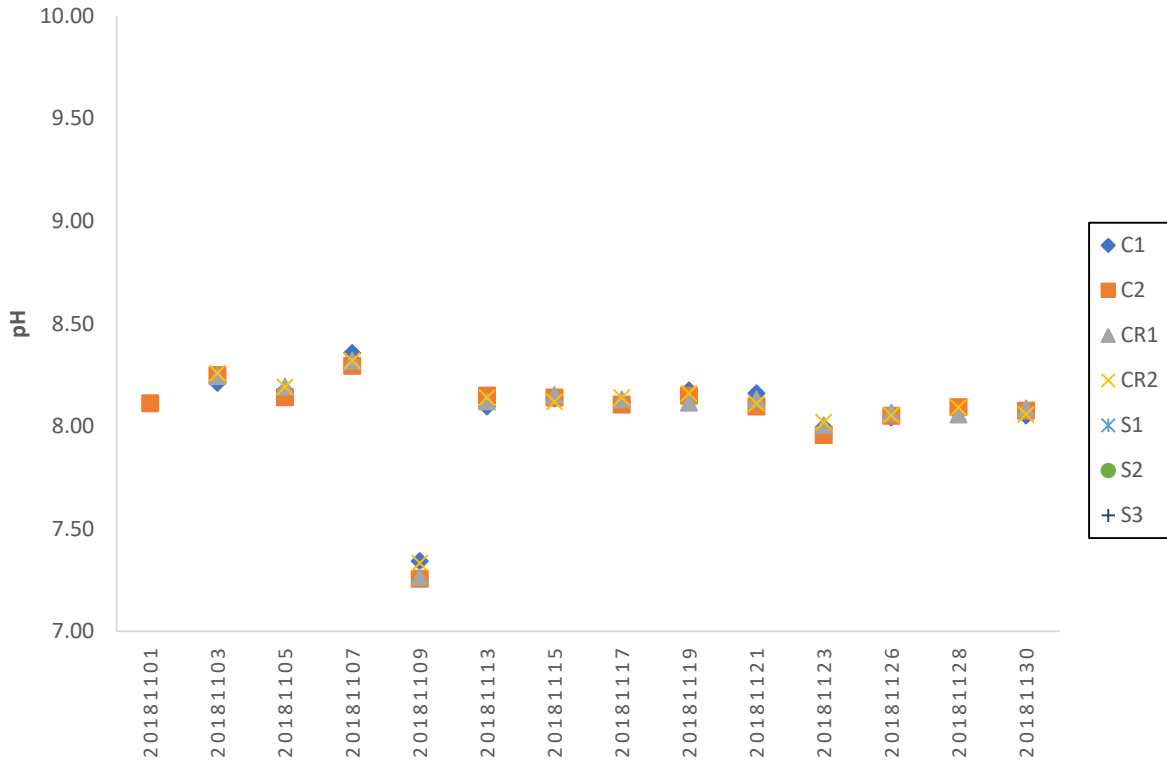


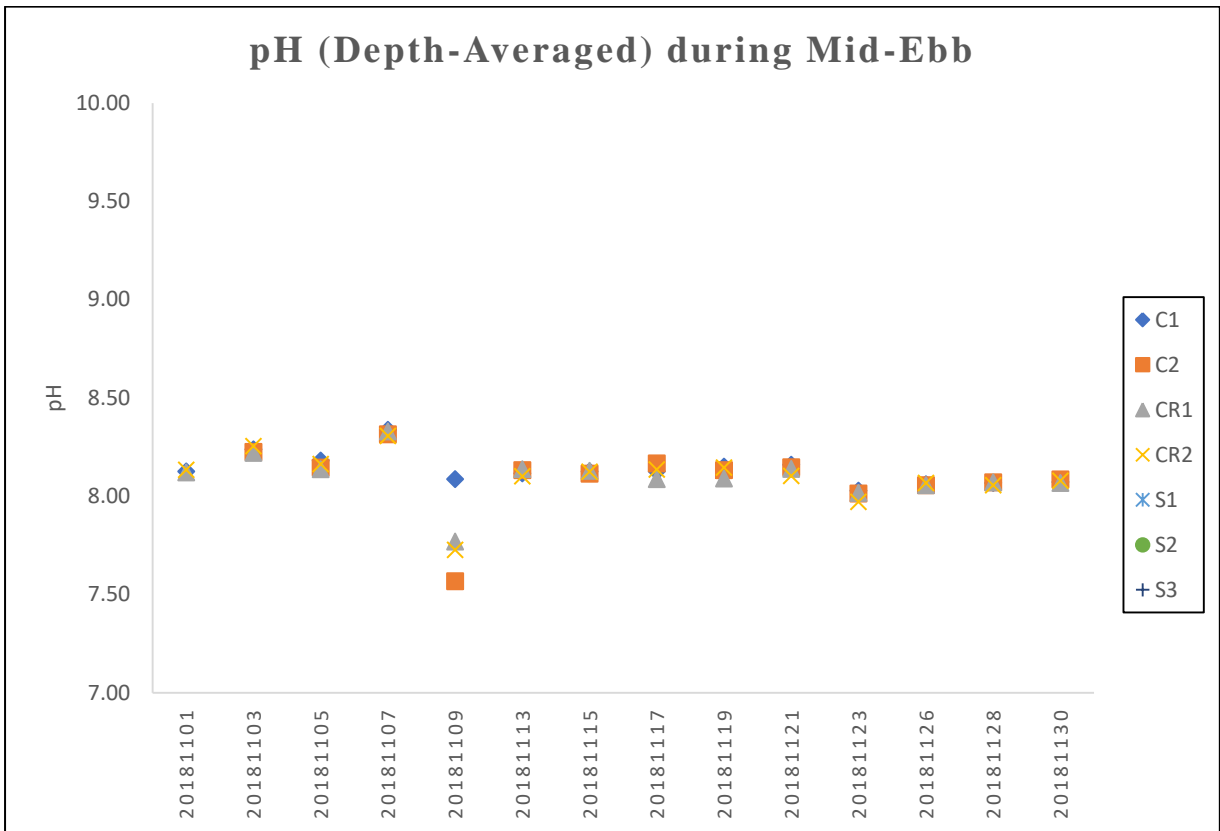
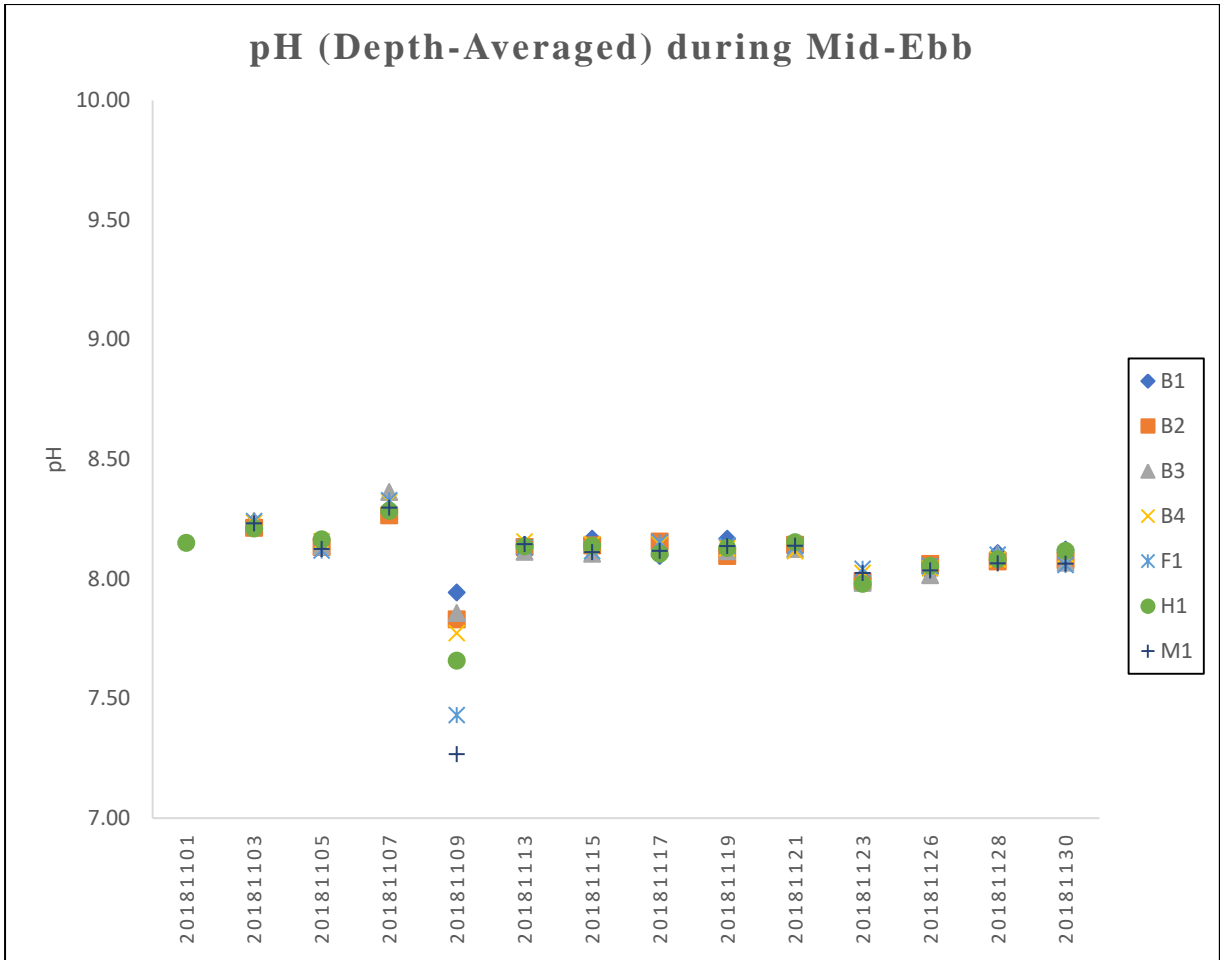
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

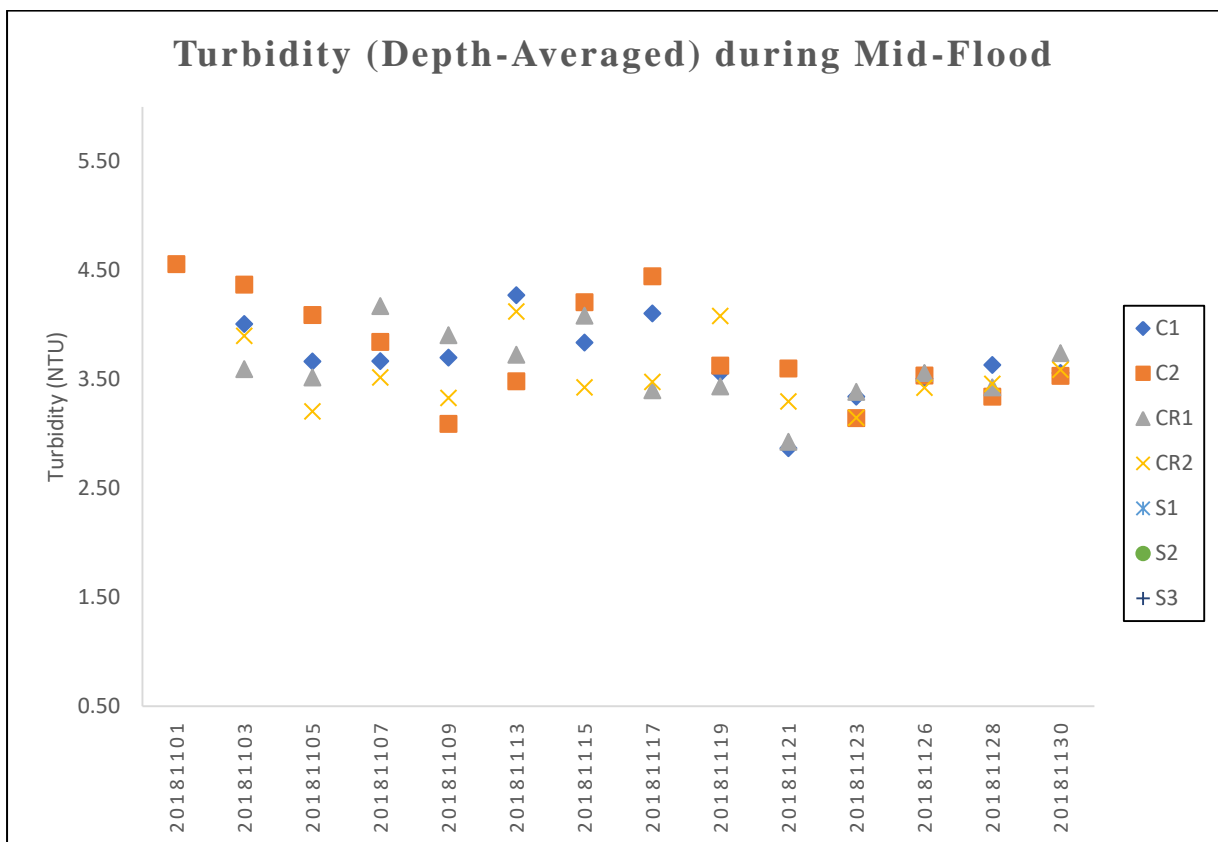
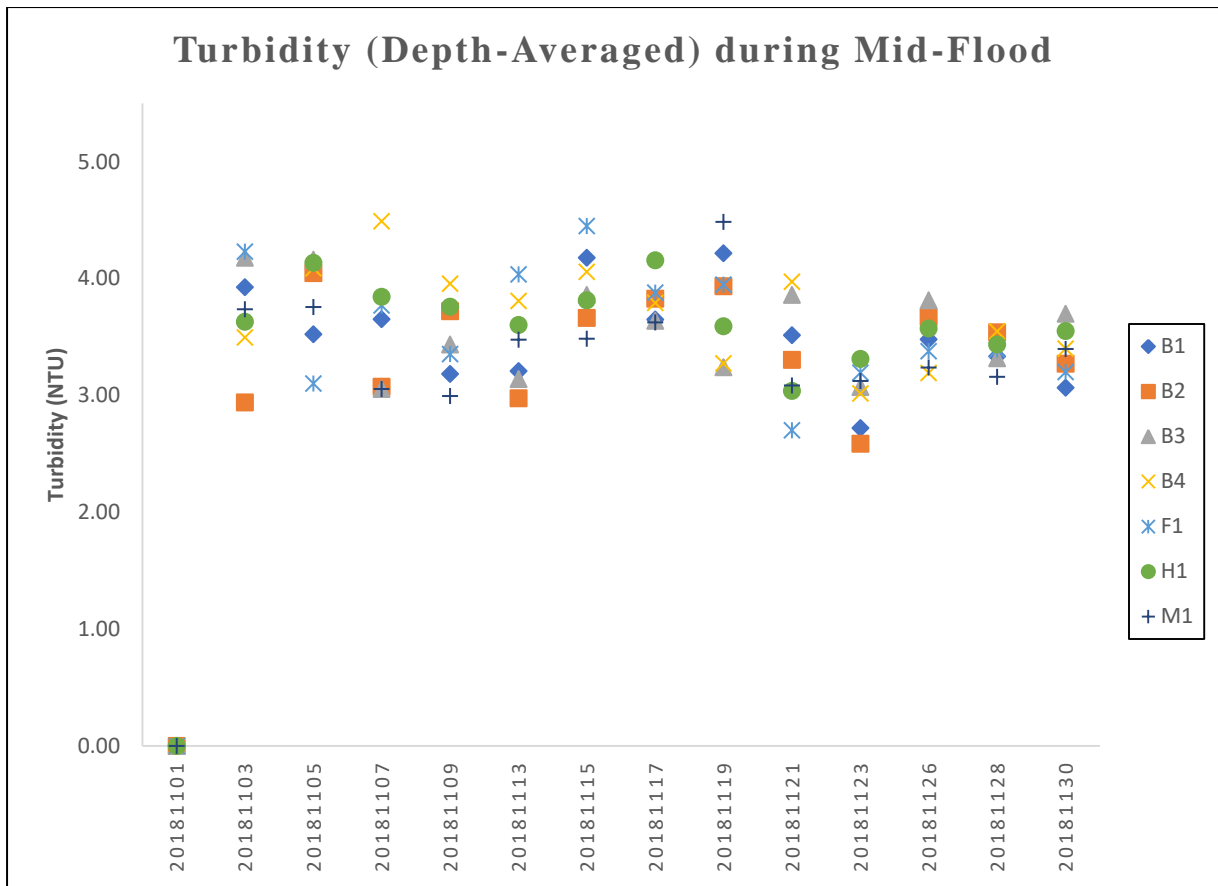
### pH (Depth-Averaged) during Mid-Flood



### pH (Depth-Averaged) during Mid-Flood



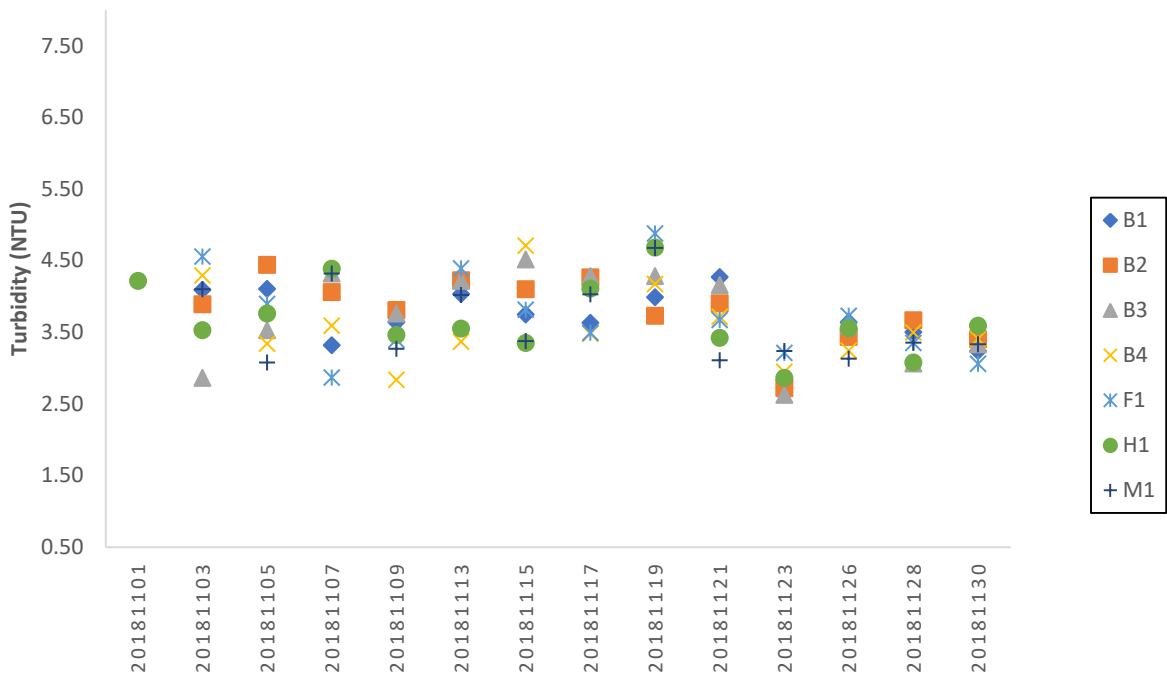




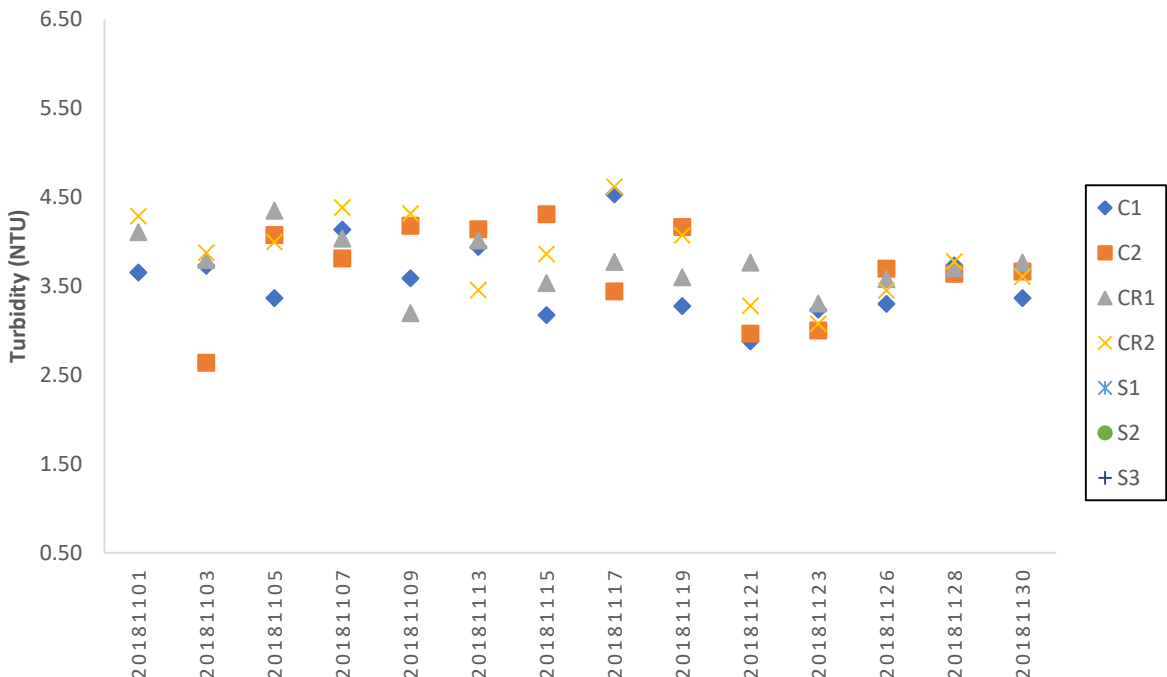
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



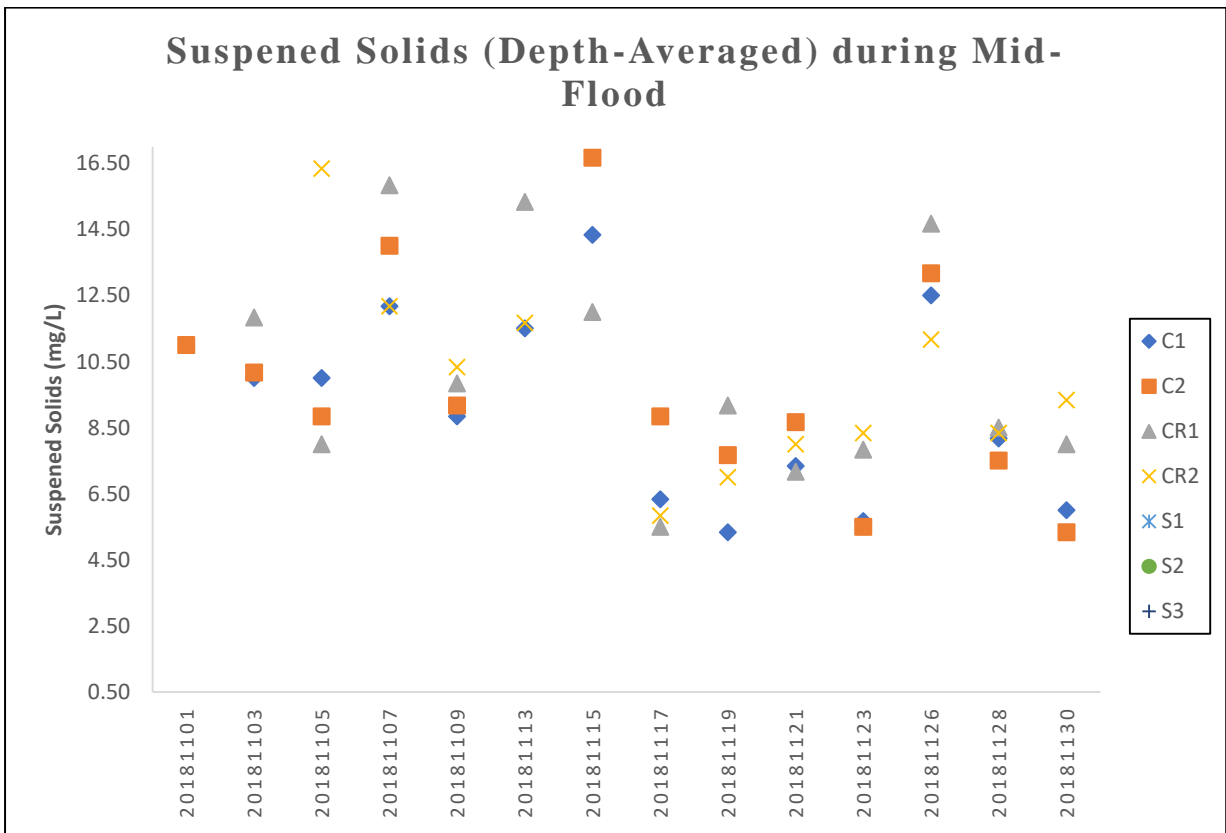
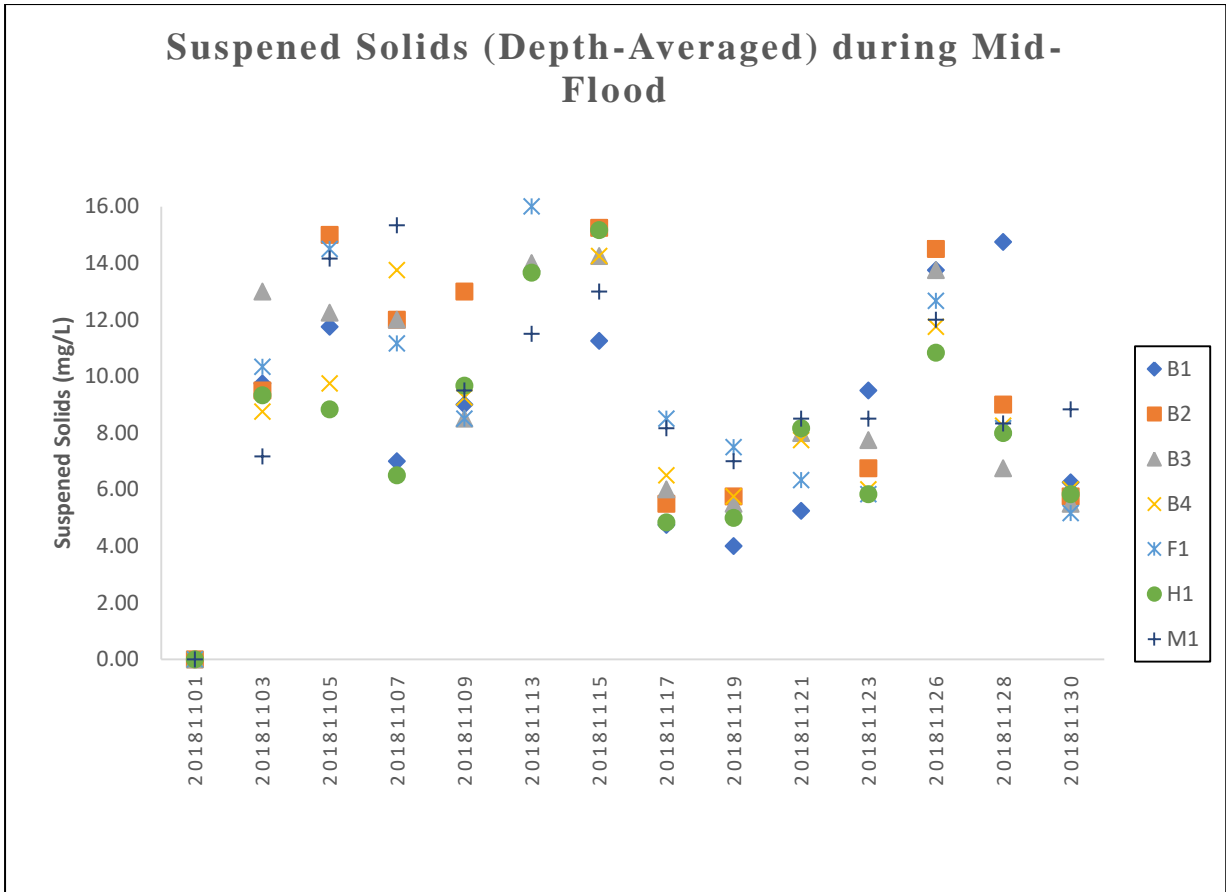
### Turbidity (Depth-Averaged) during Mib-Ebb



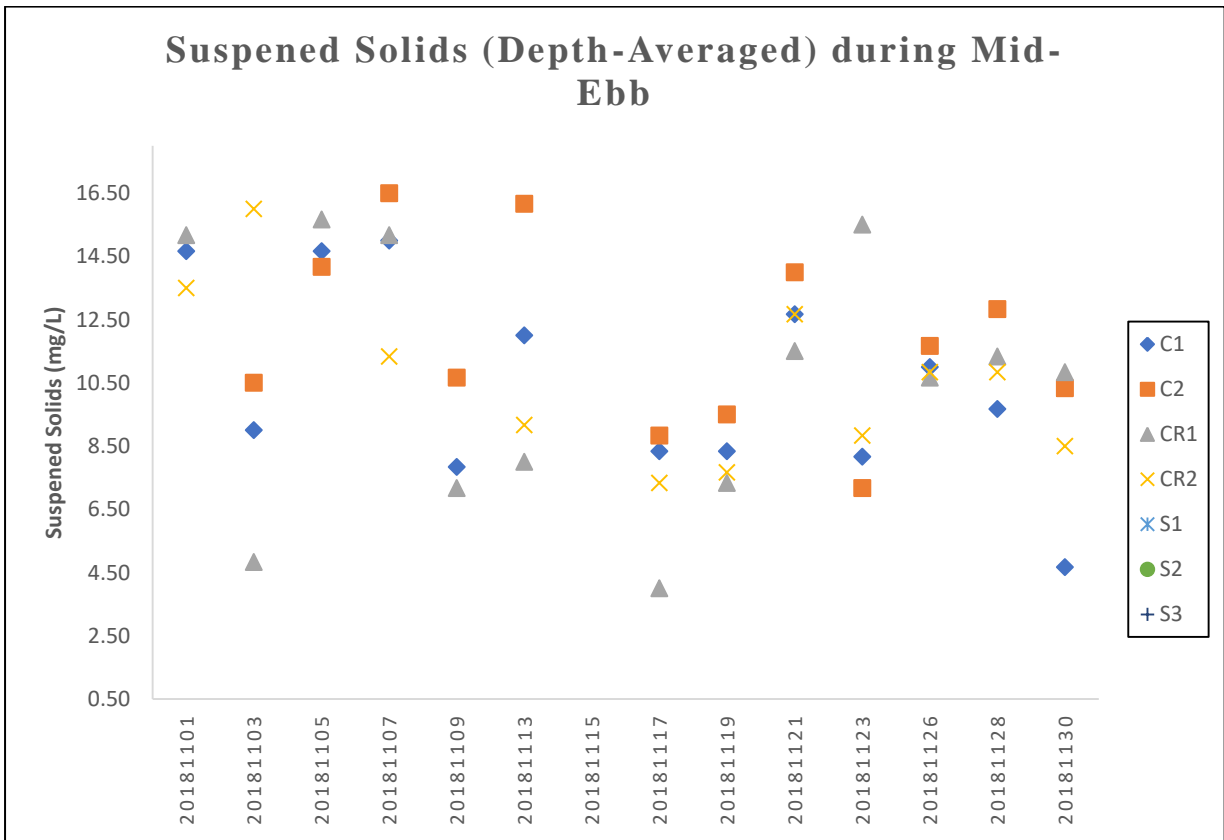
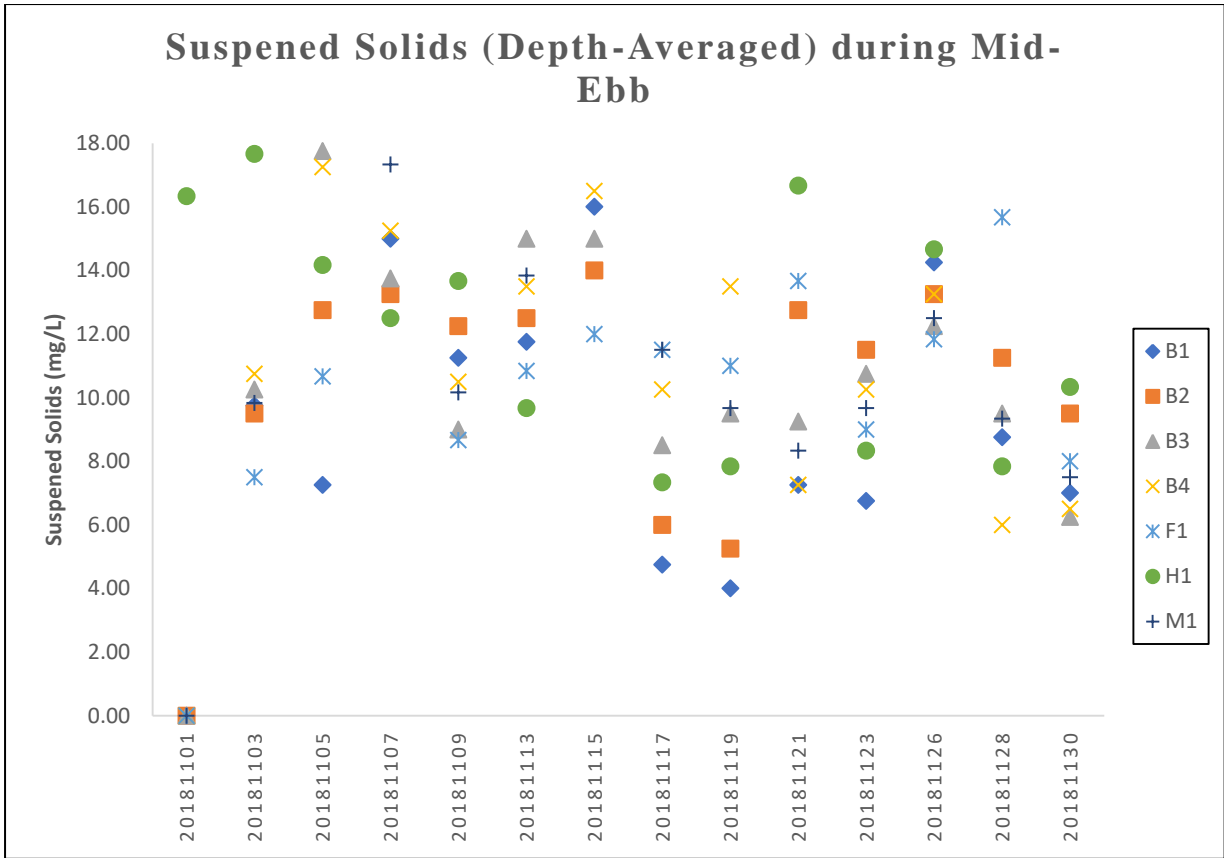
### Turbidity (Depth-Averaged) during Mid-Ebb



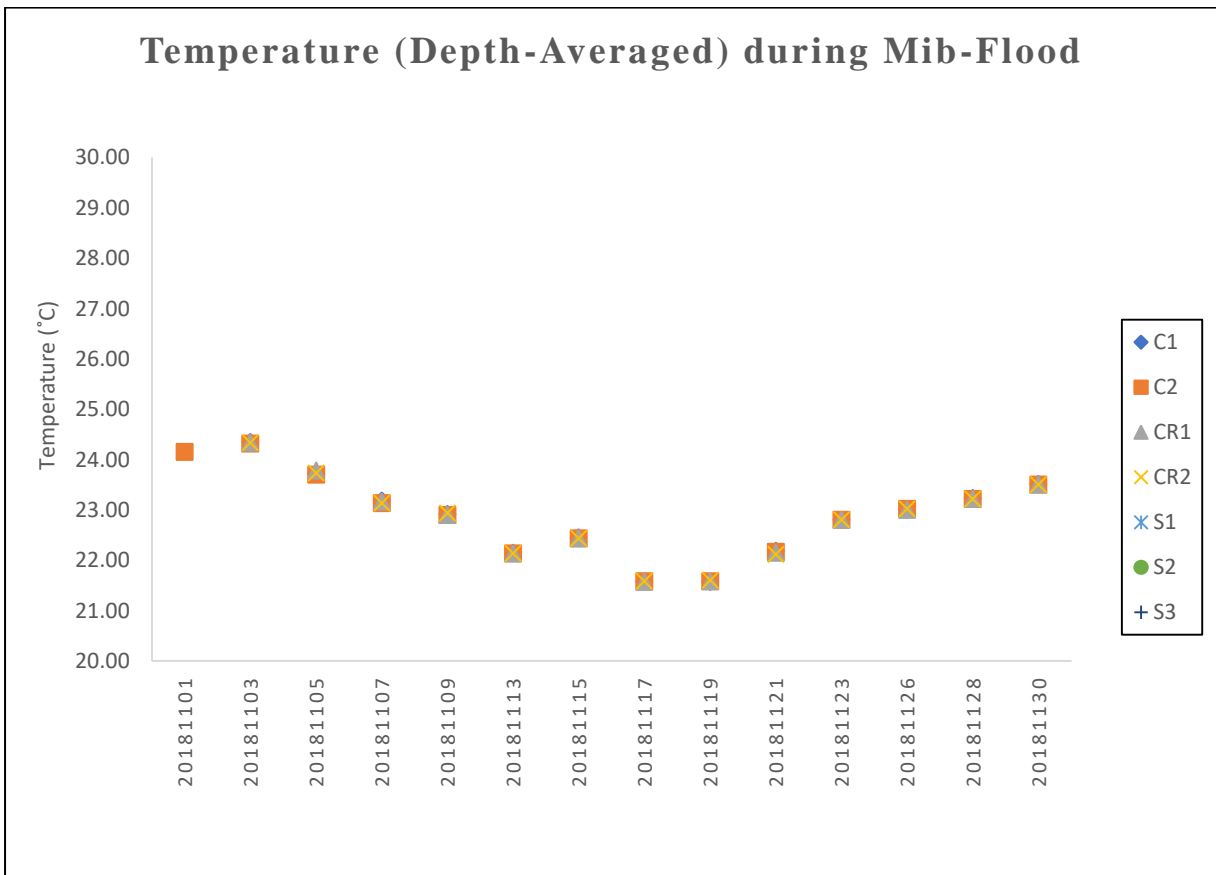
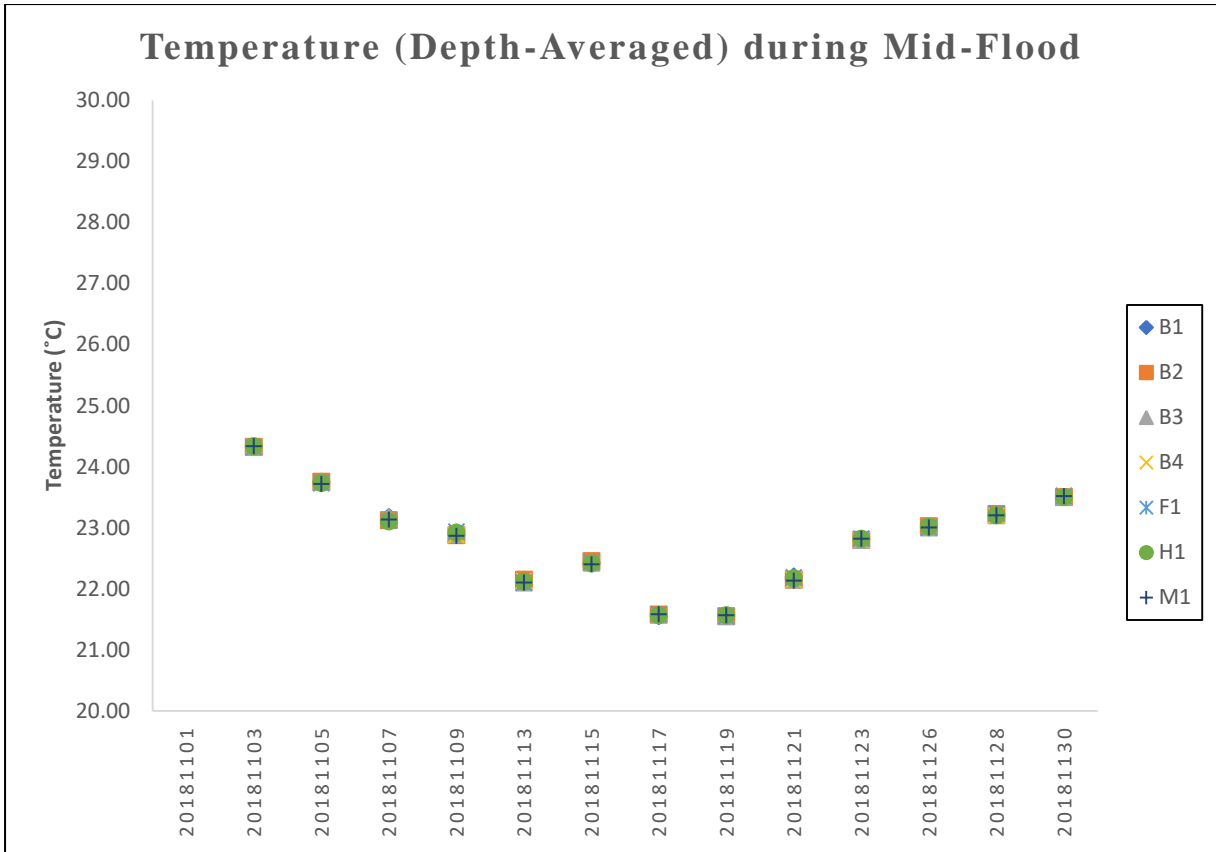
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



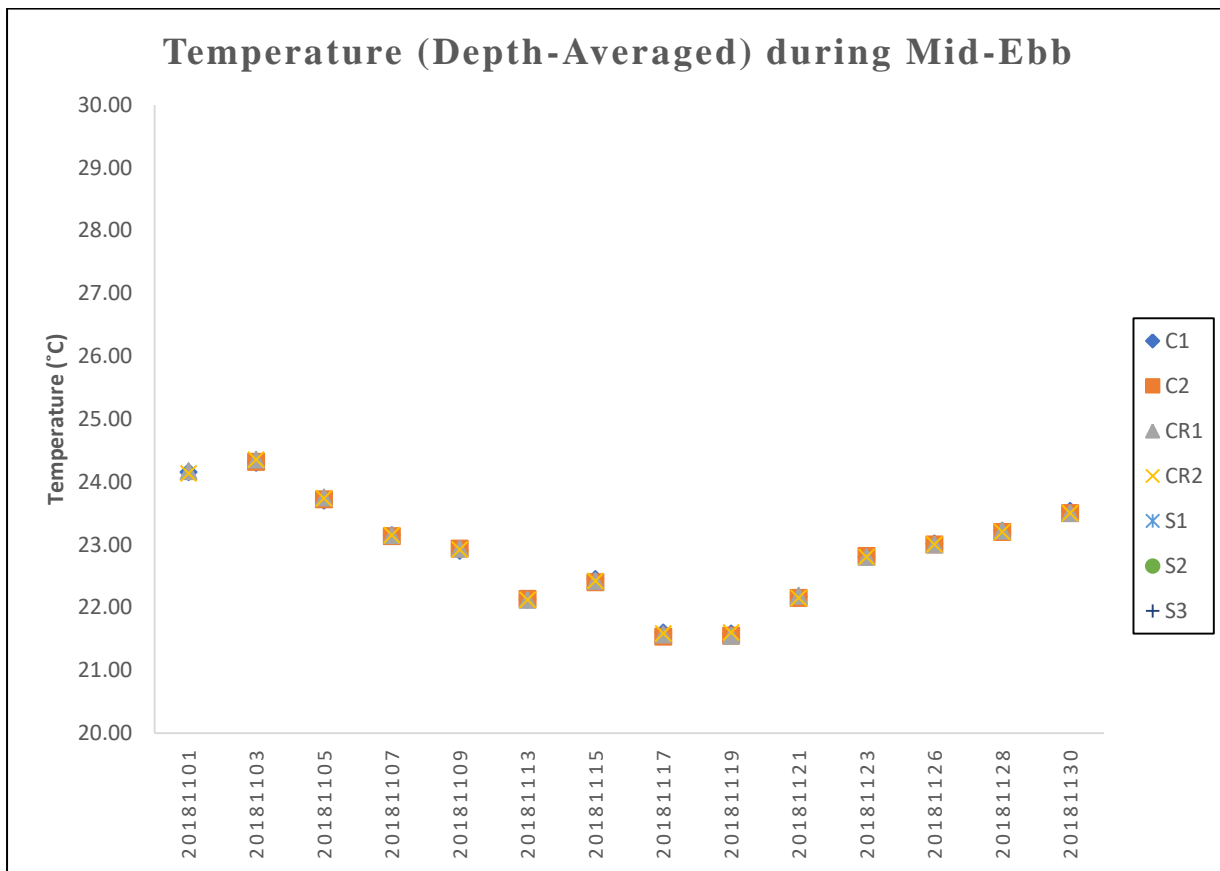
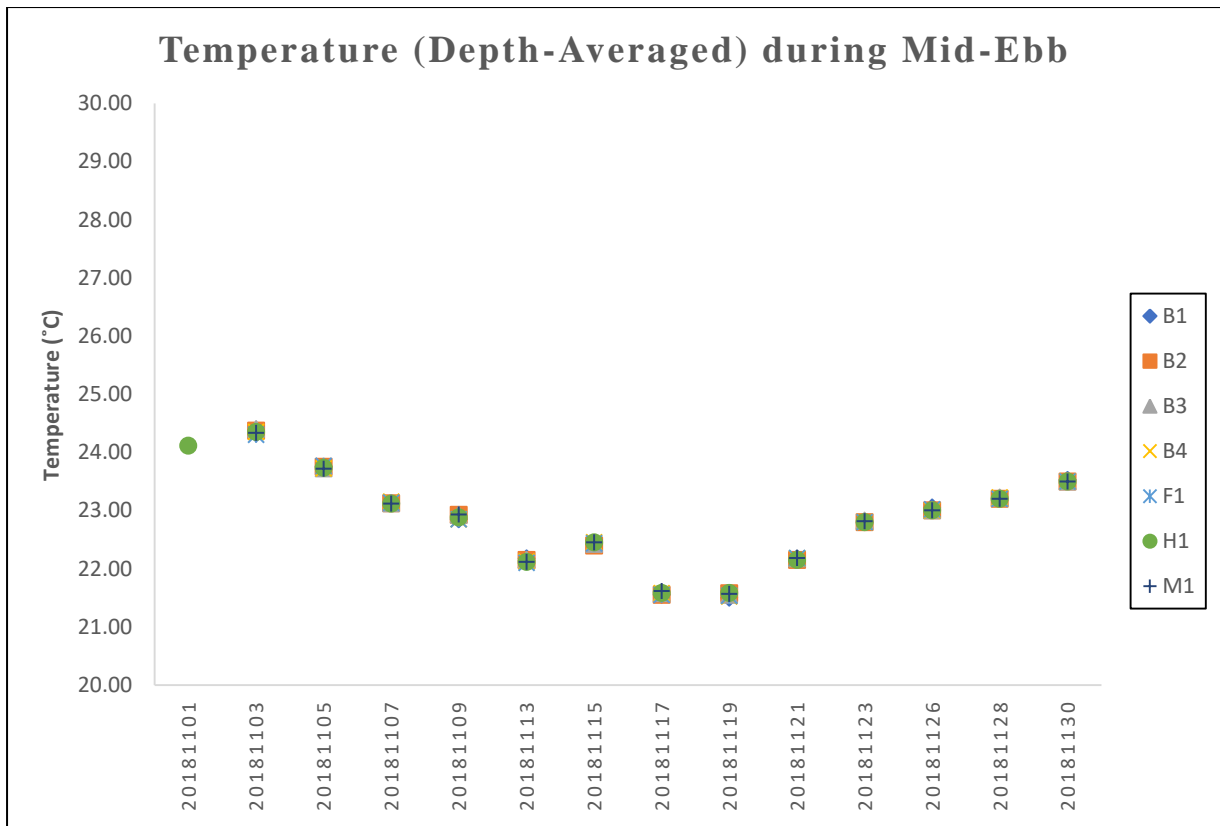
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



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

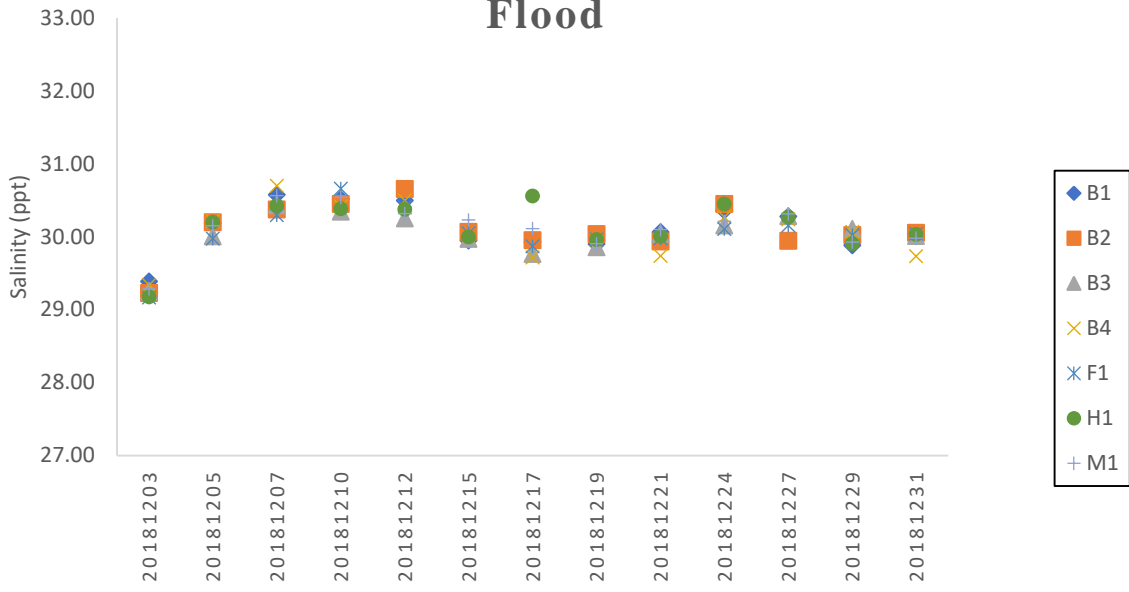


Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.

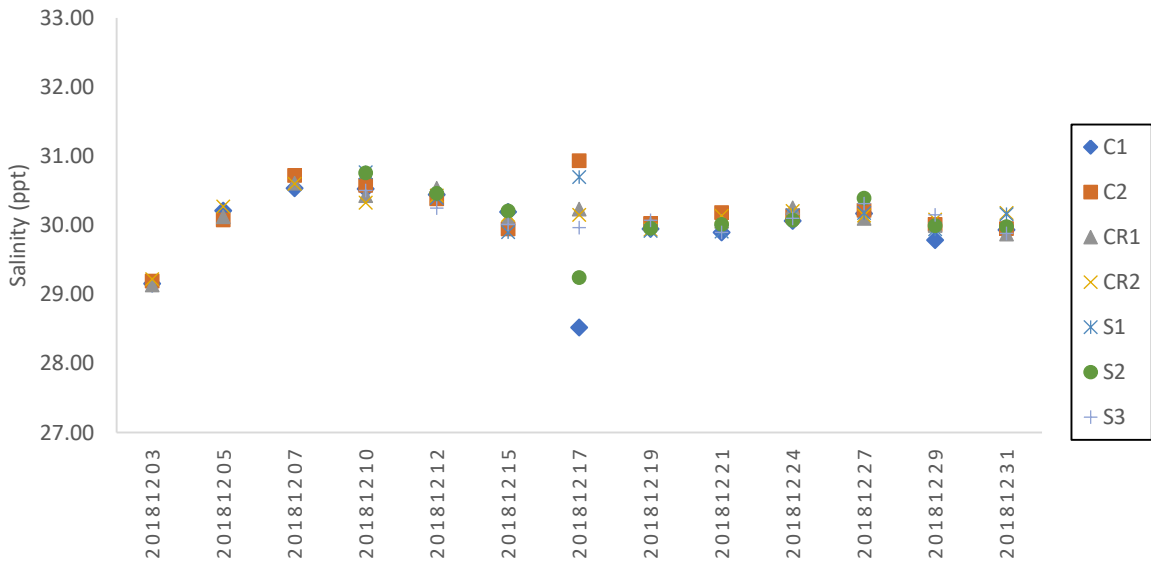


Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.

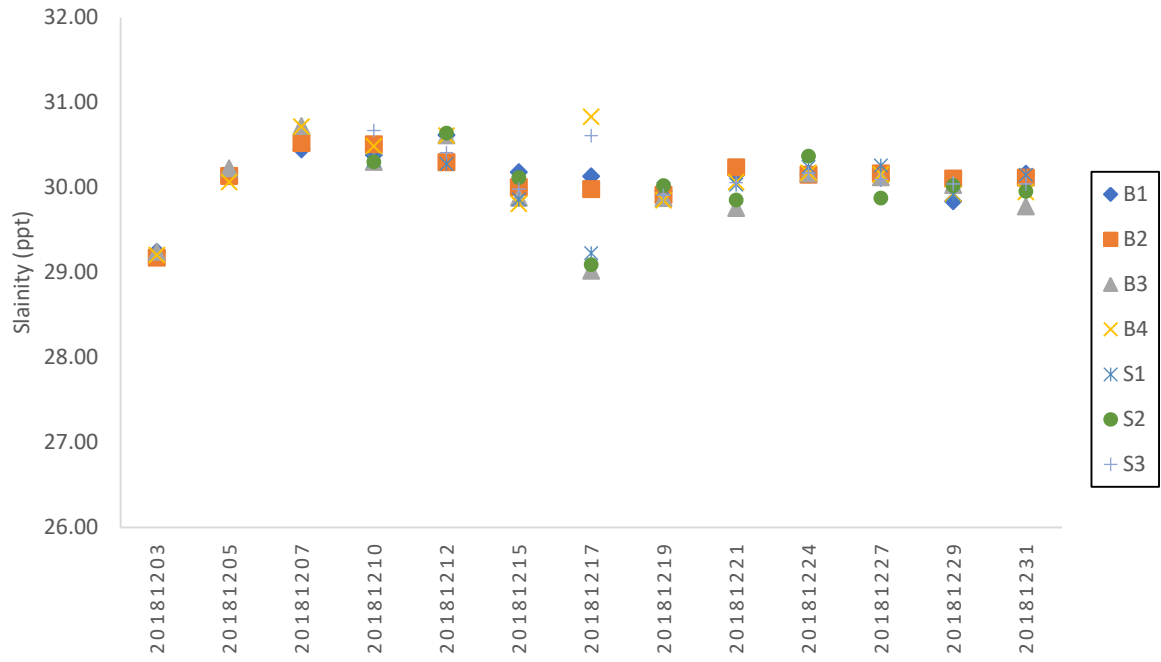
### Salinity (Depth-averaged) during Mid-Flood



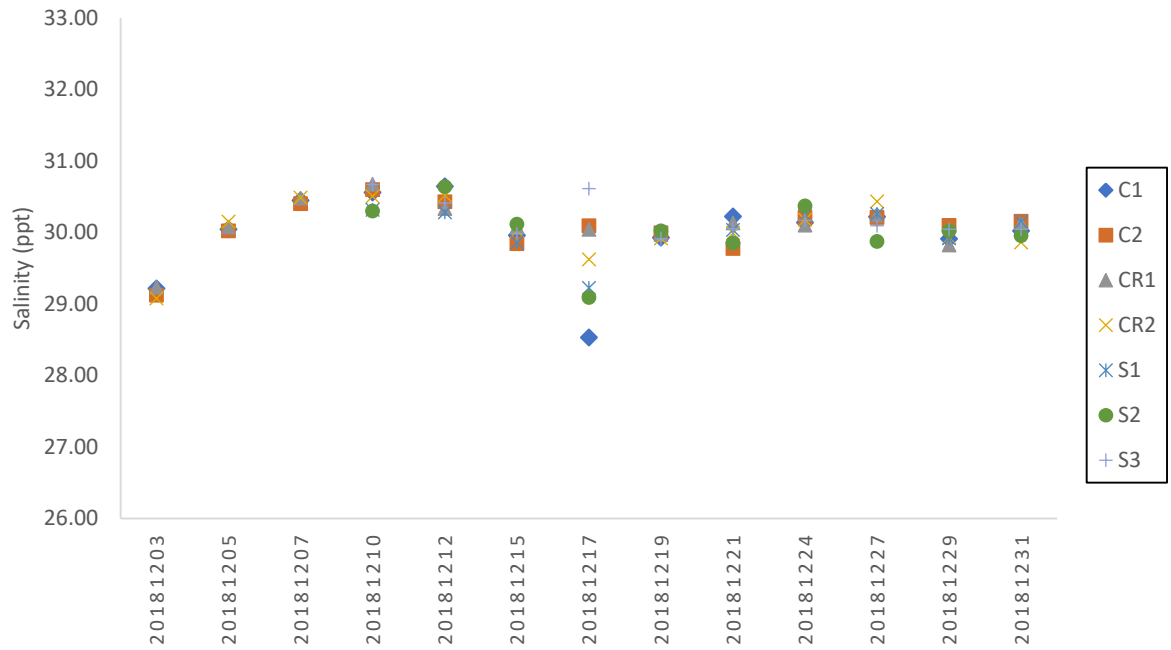
### Salinity (Depth-averaged) during Mid-Flood

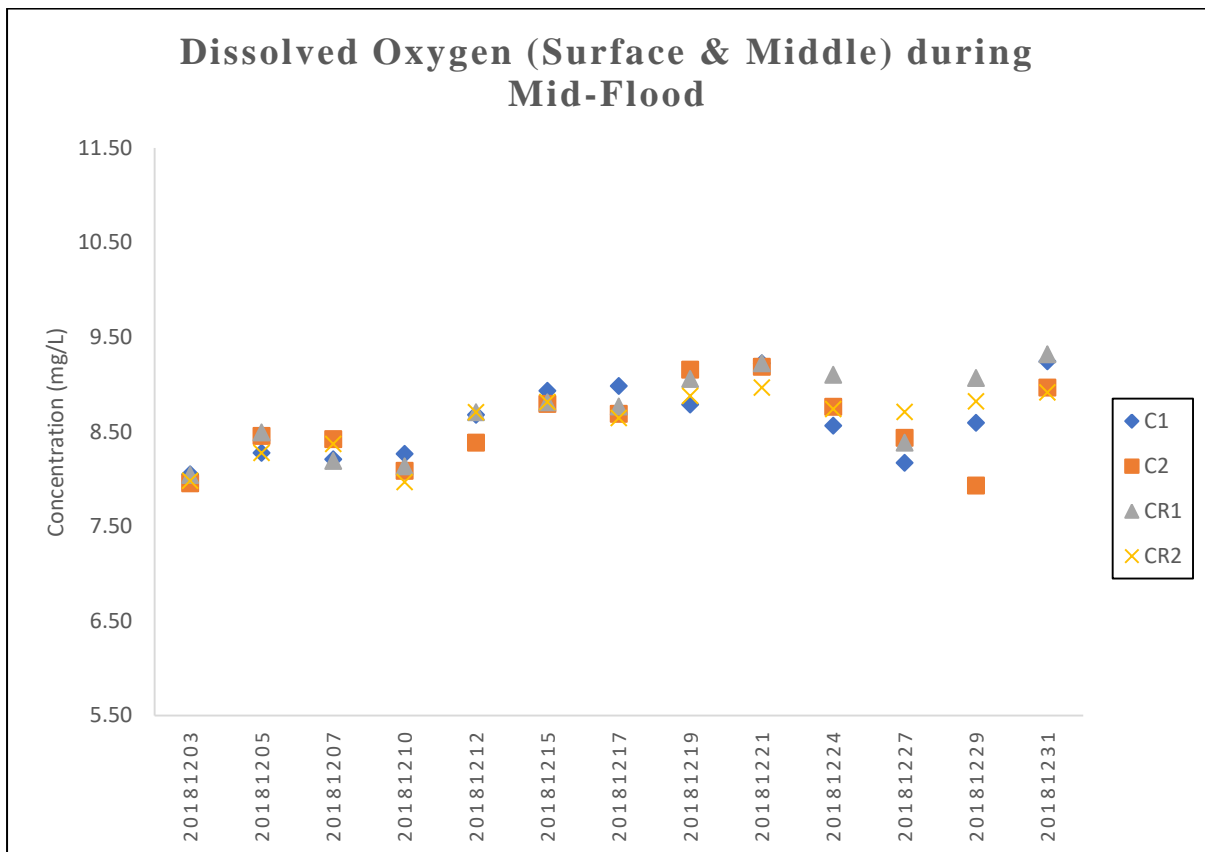
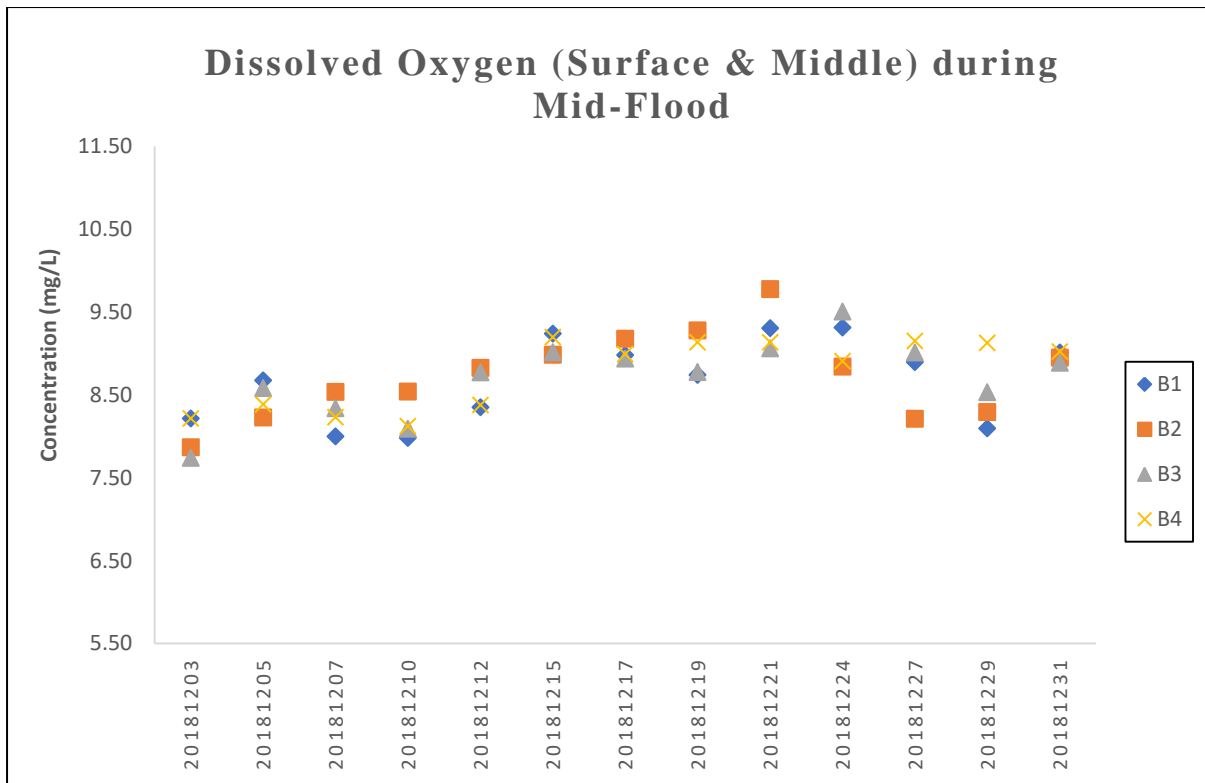


### Salinity (Depth-averaged) during Mid-Ebb



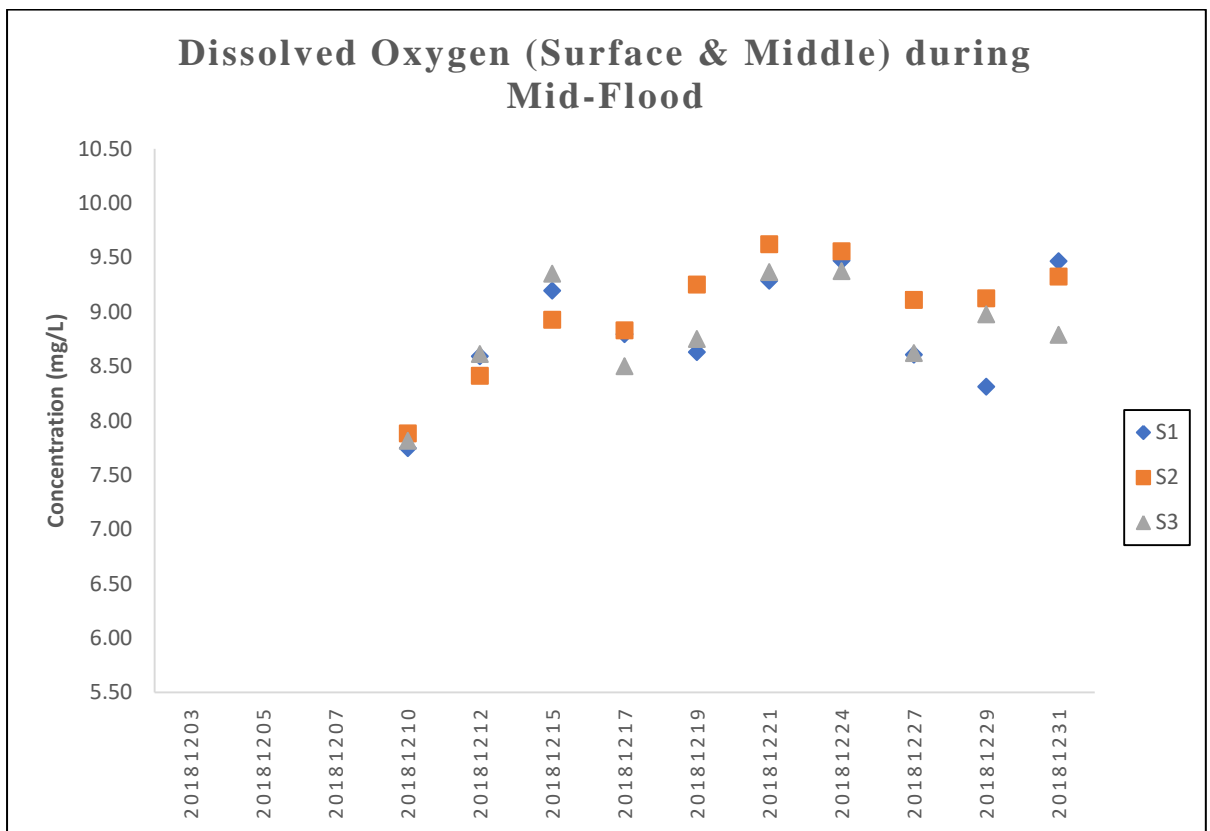
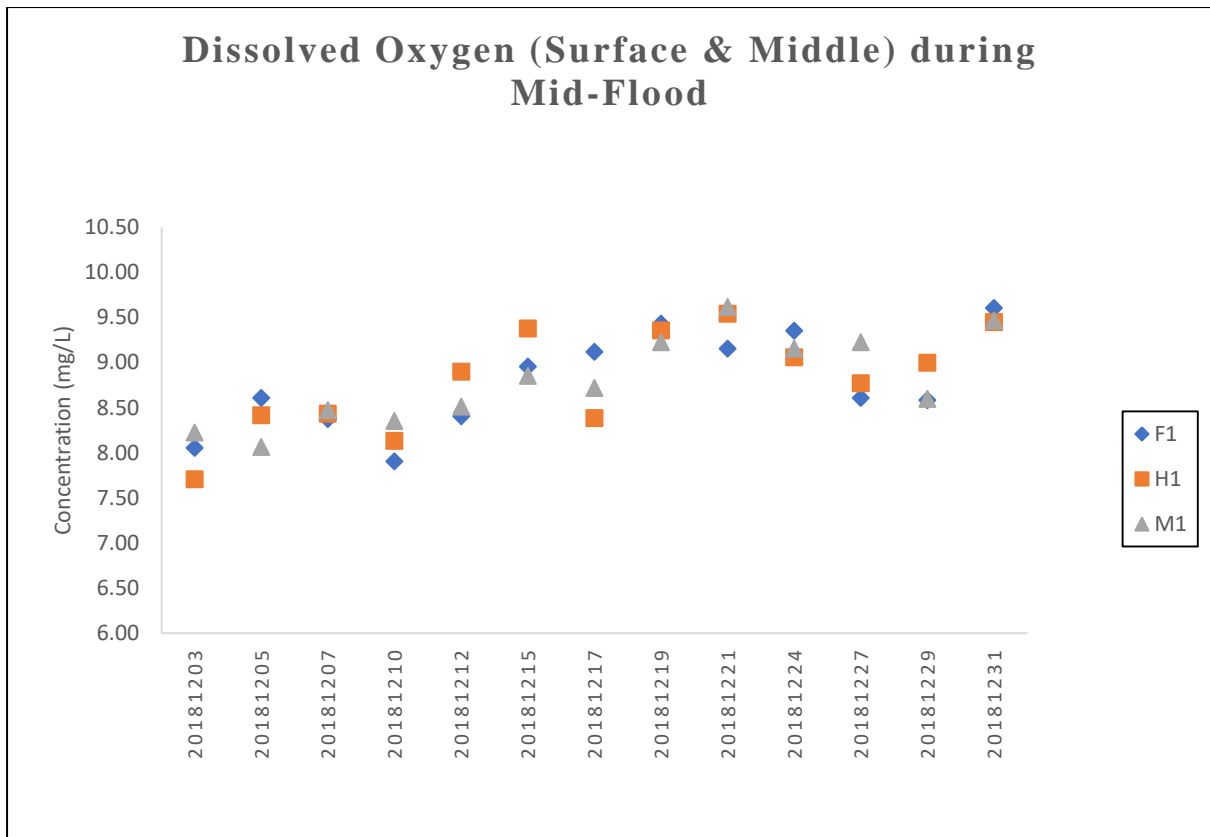
### Salinity (Depth-averaged) during Mid-Ebb



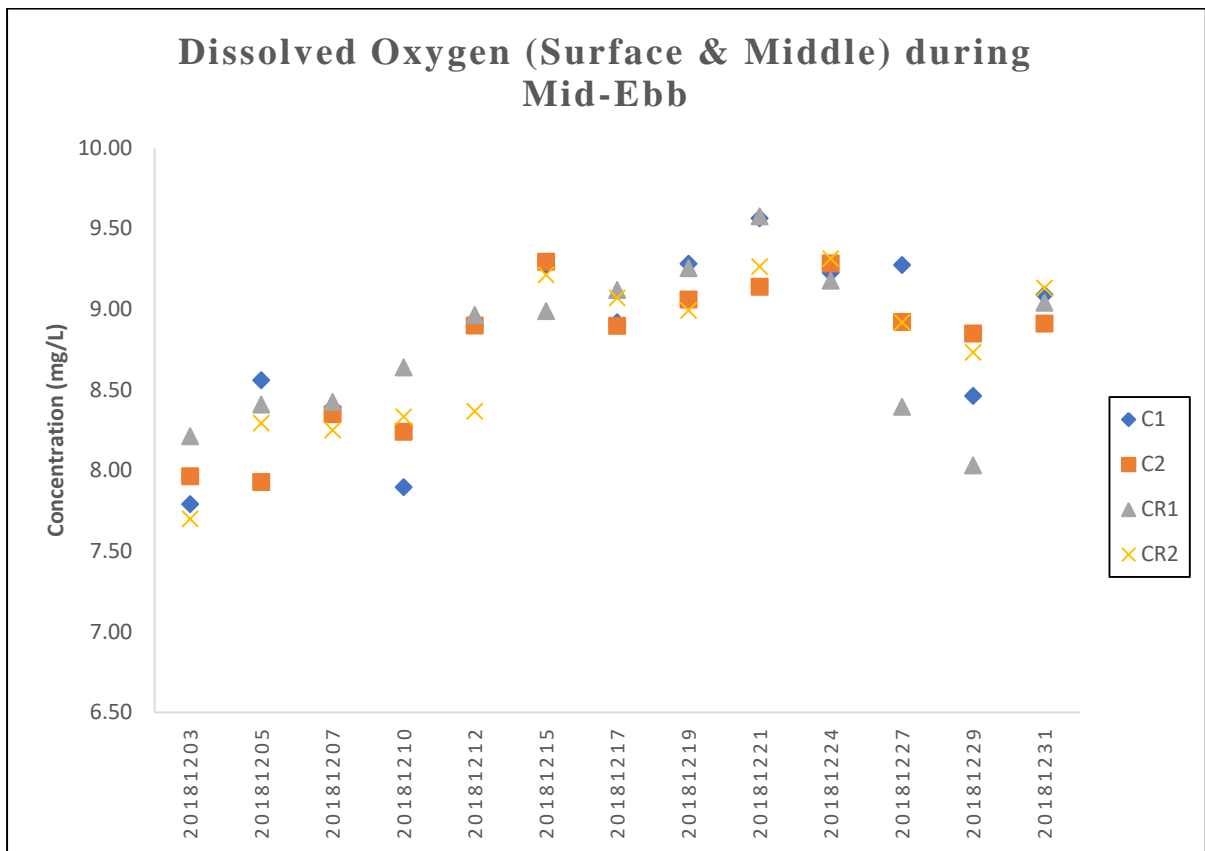
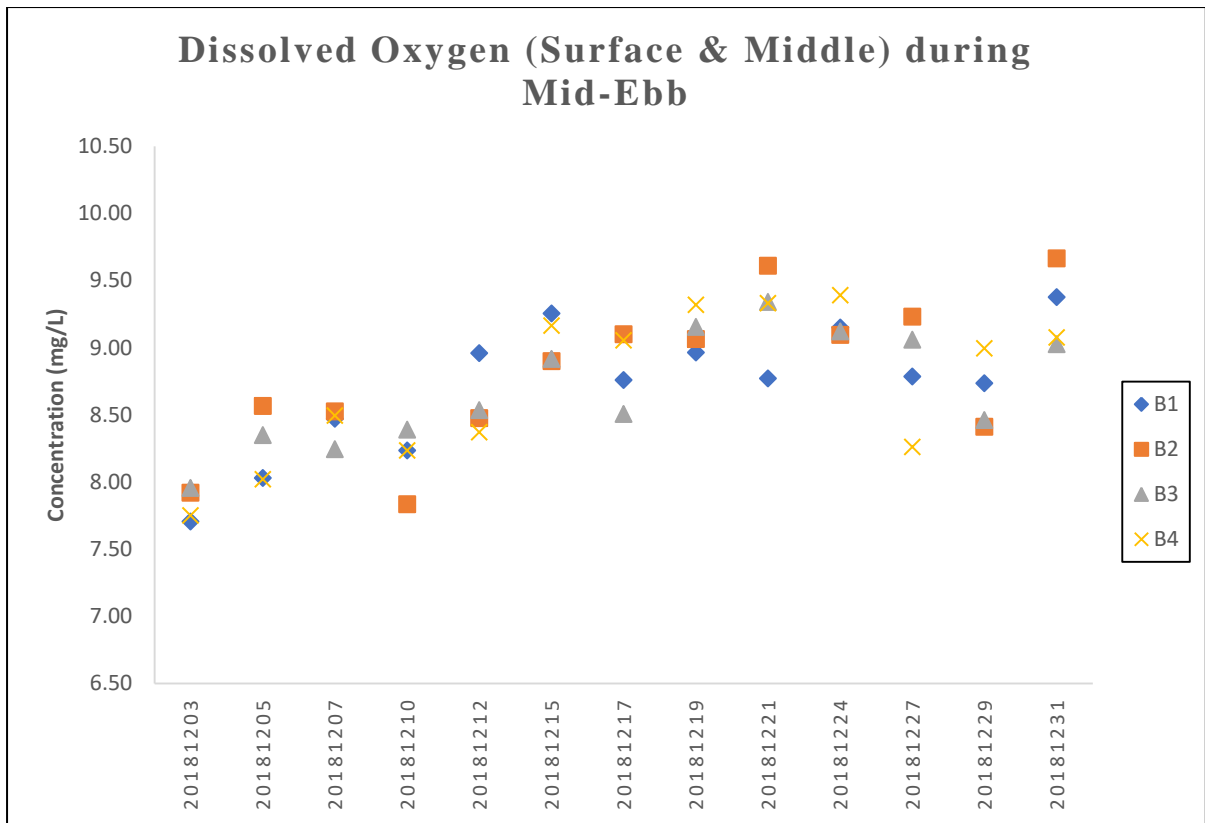


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

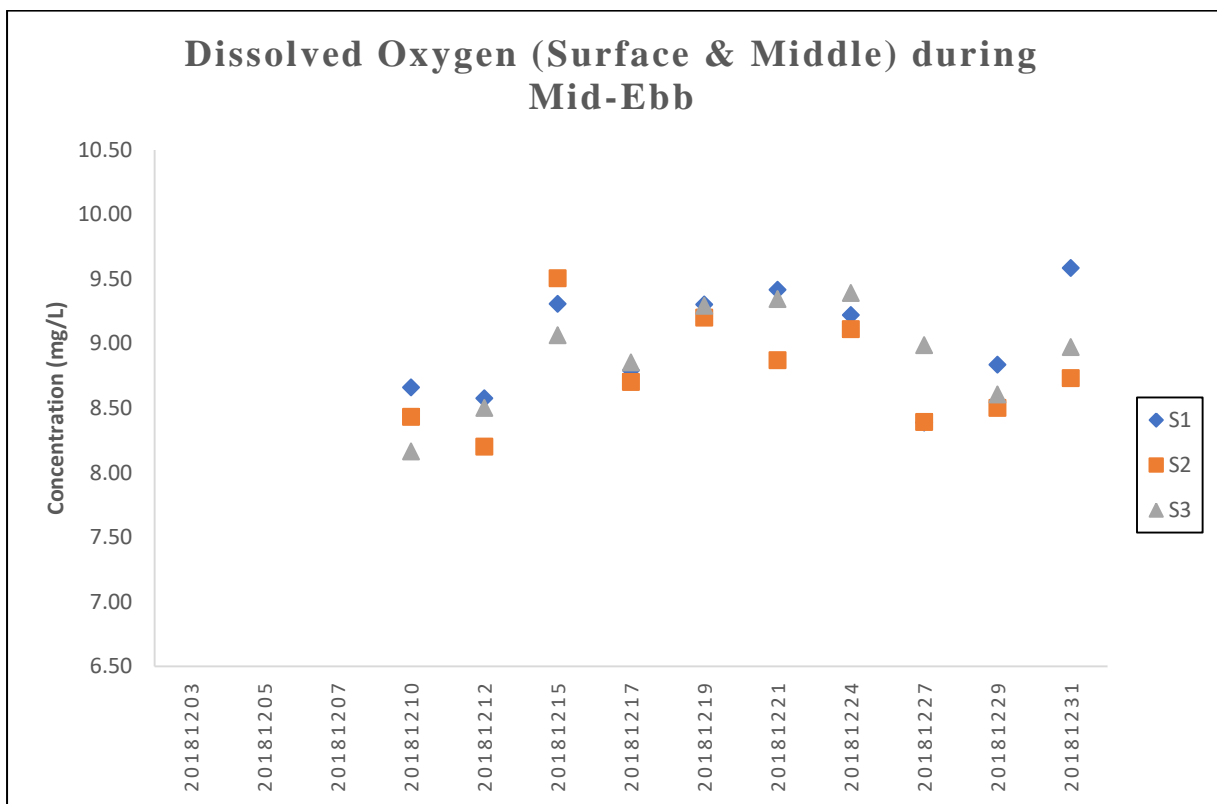
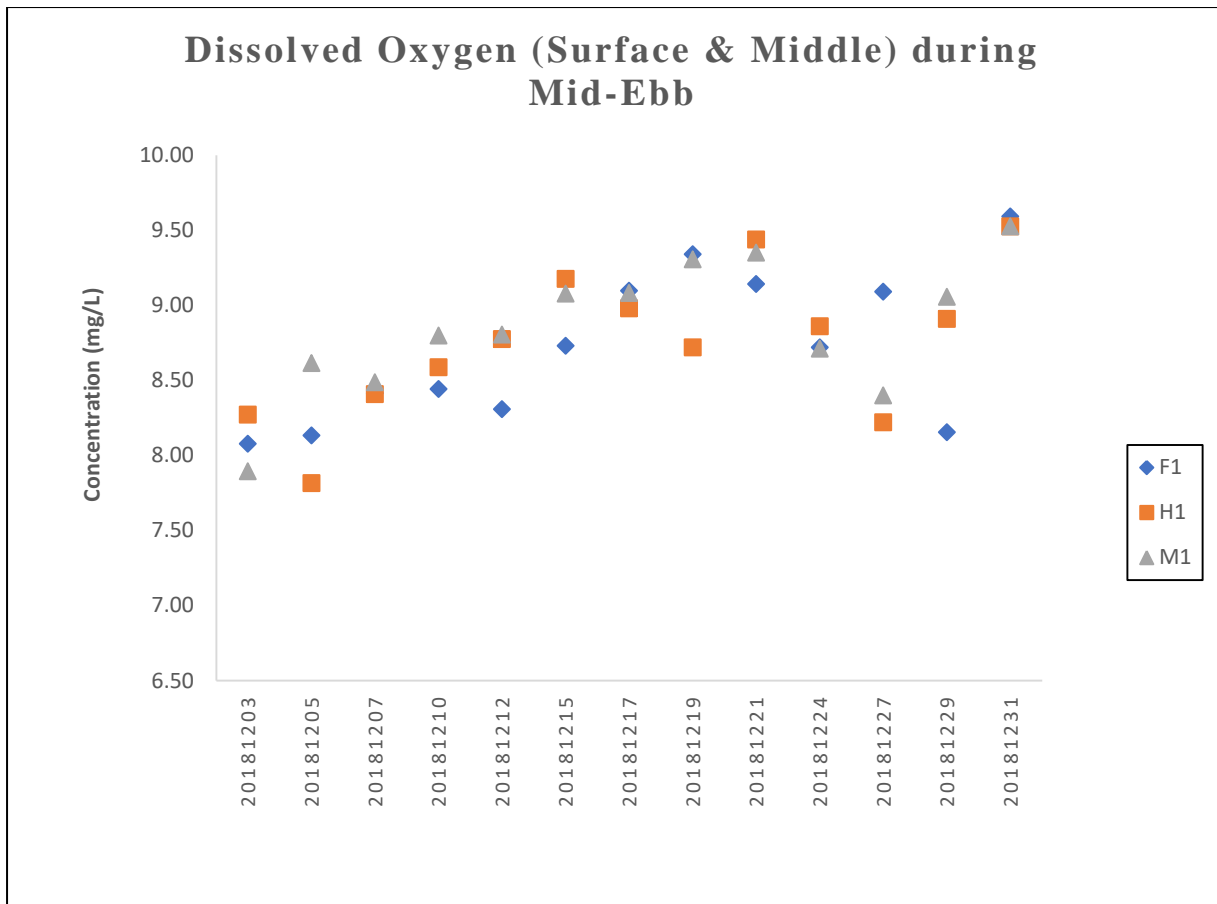




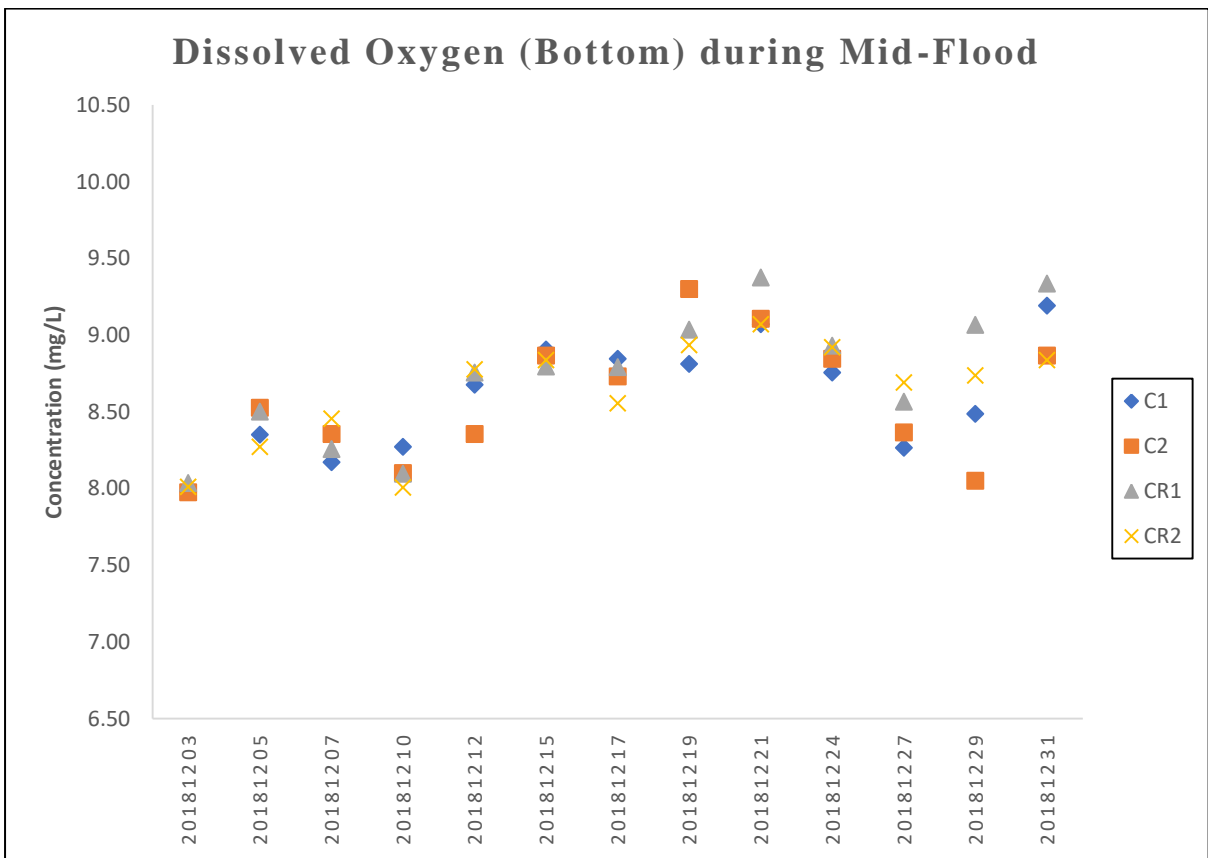
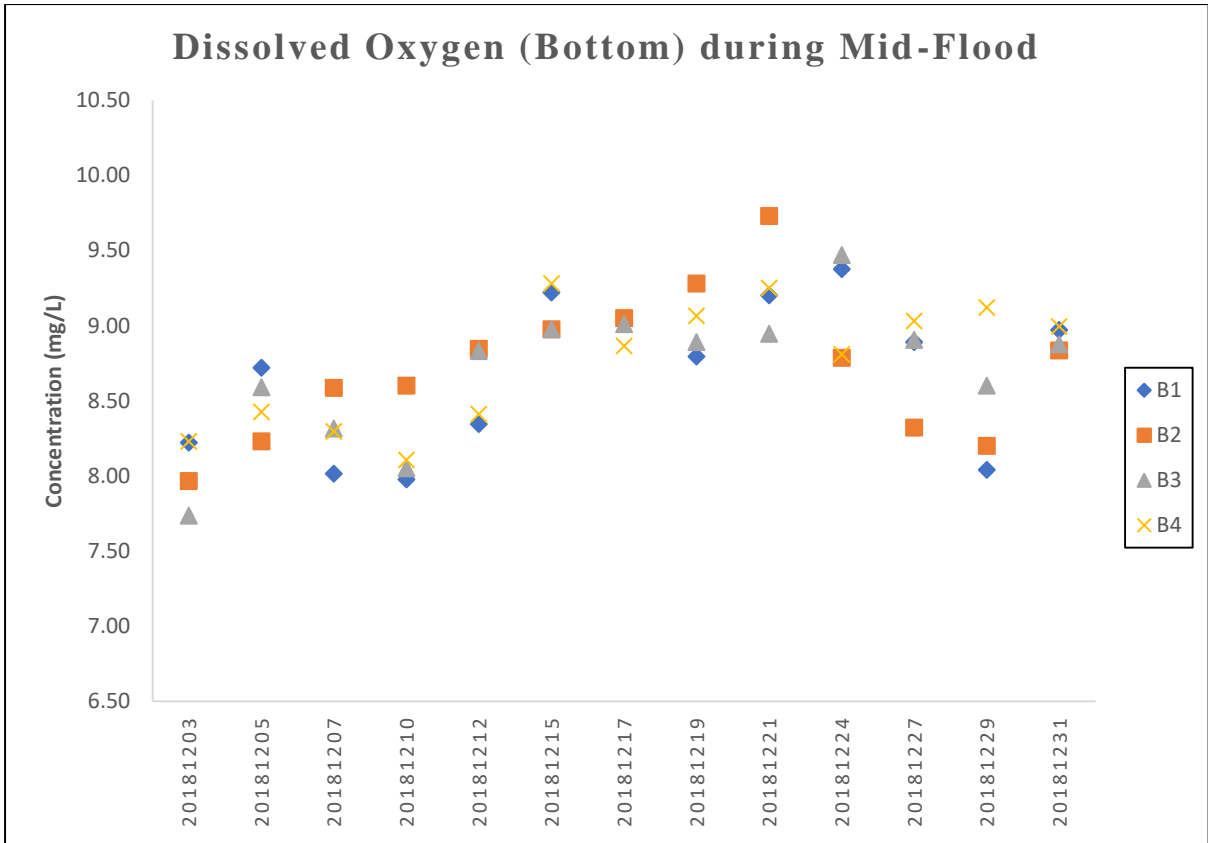
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



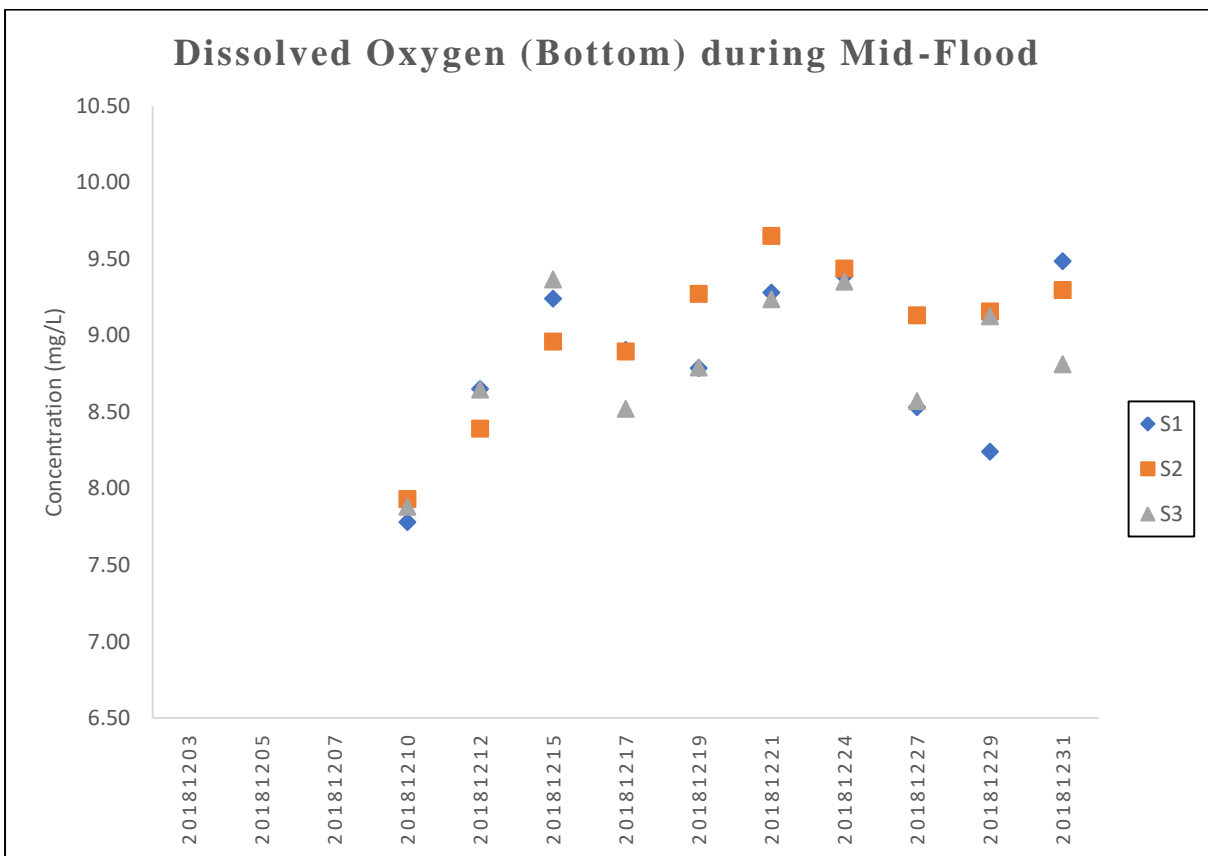
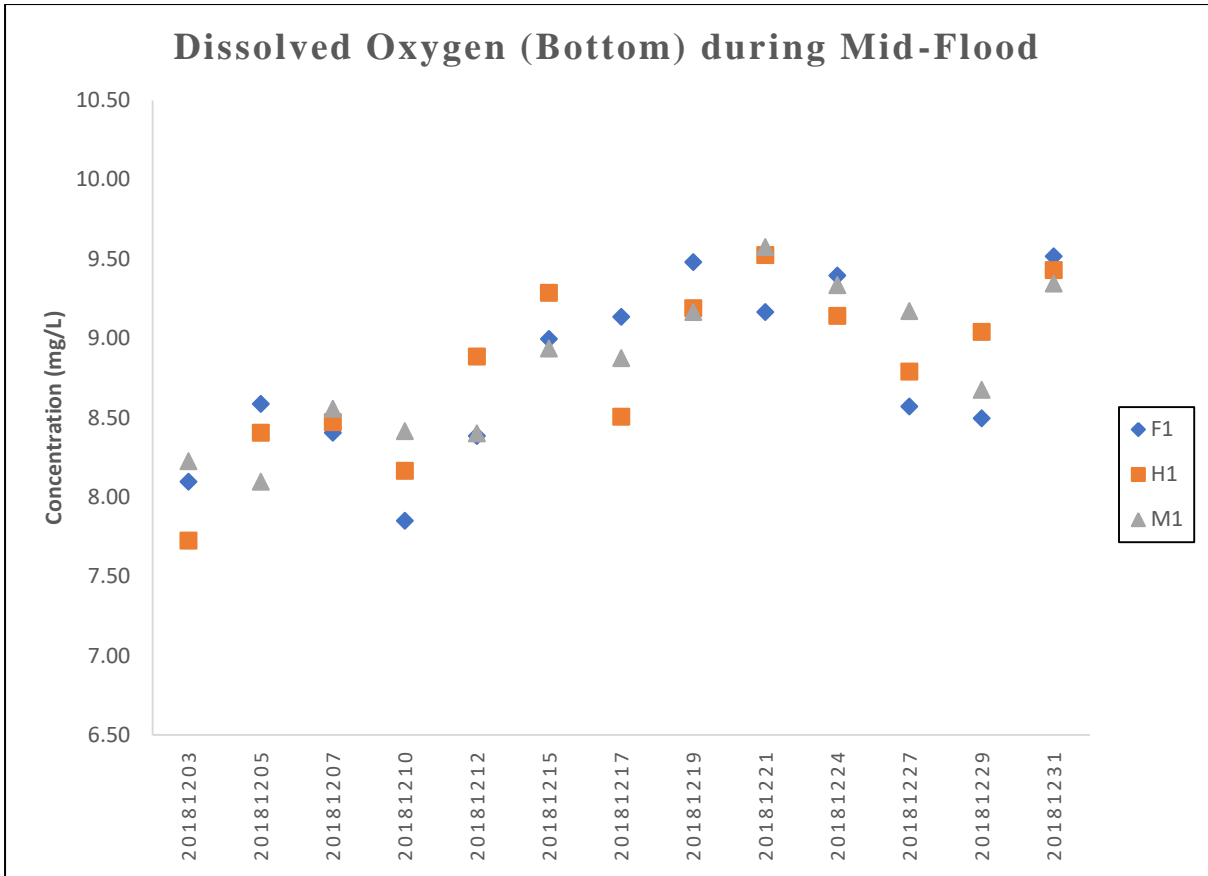
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



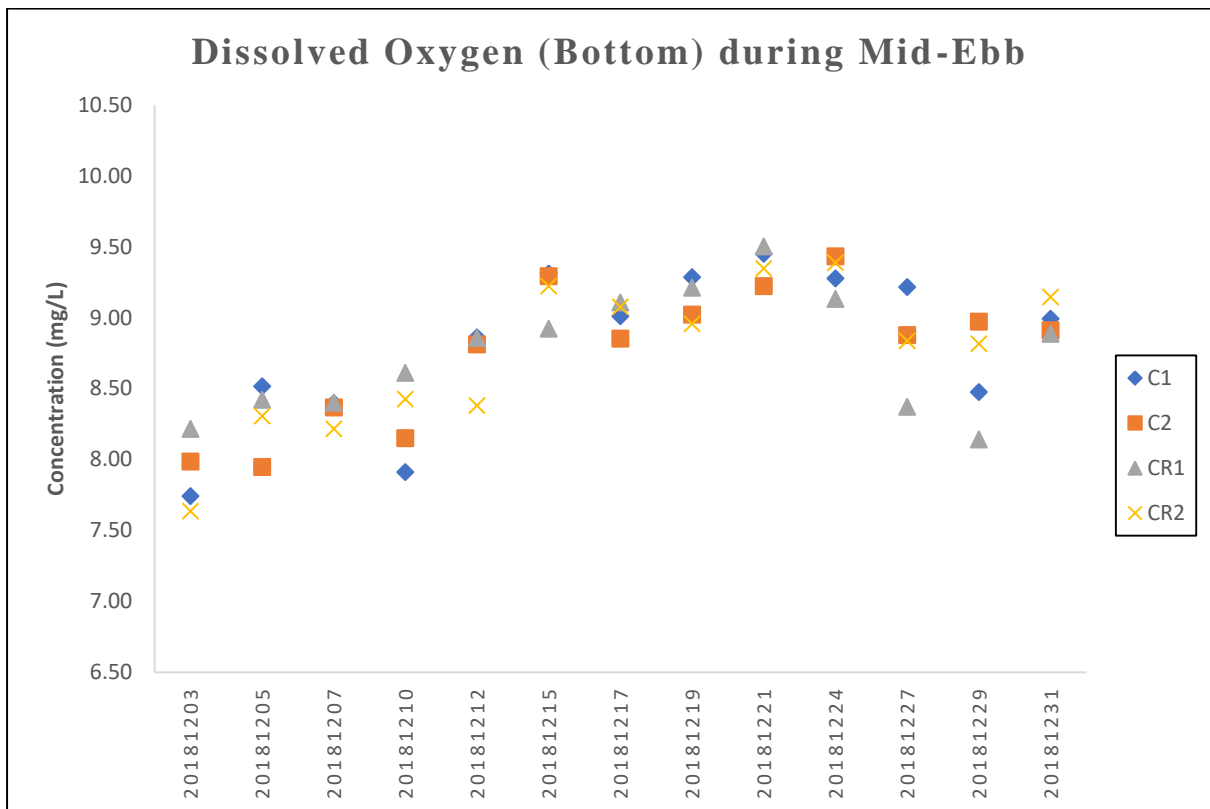
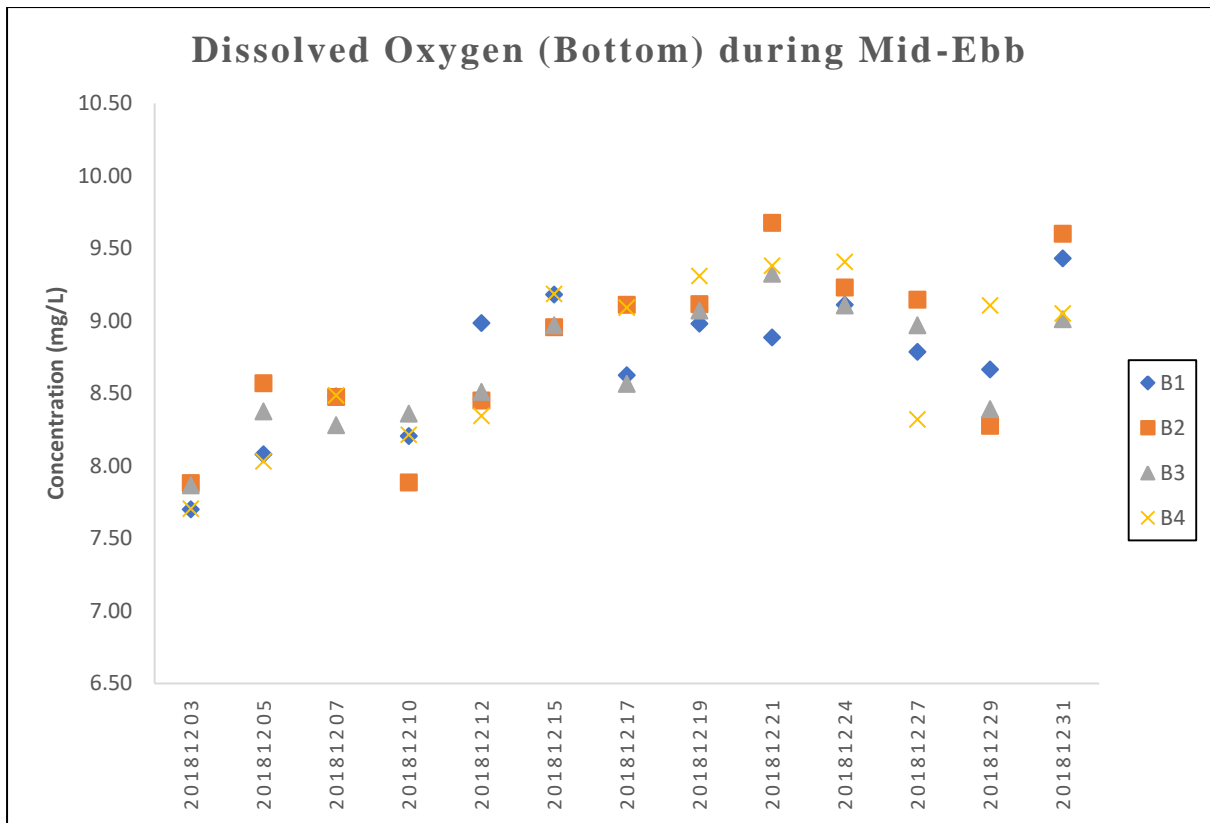
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



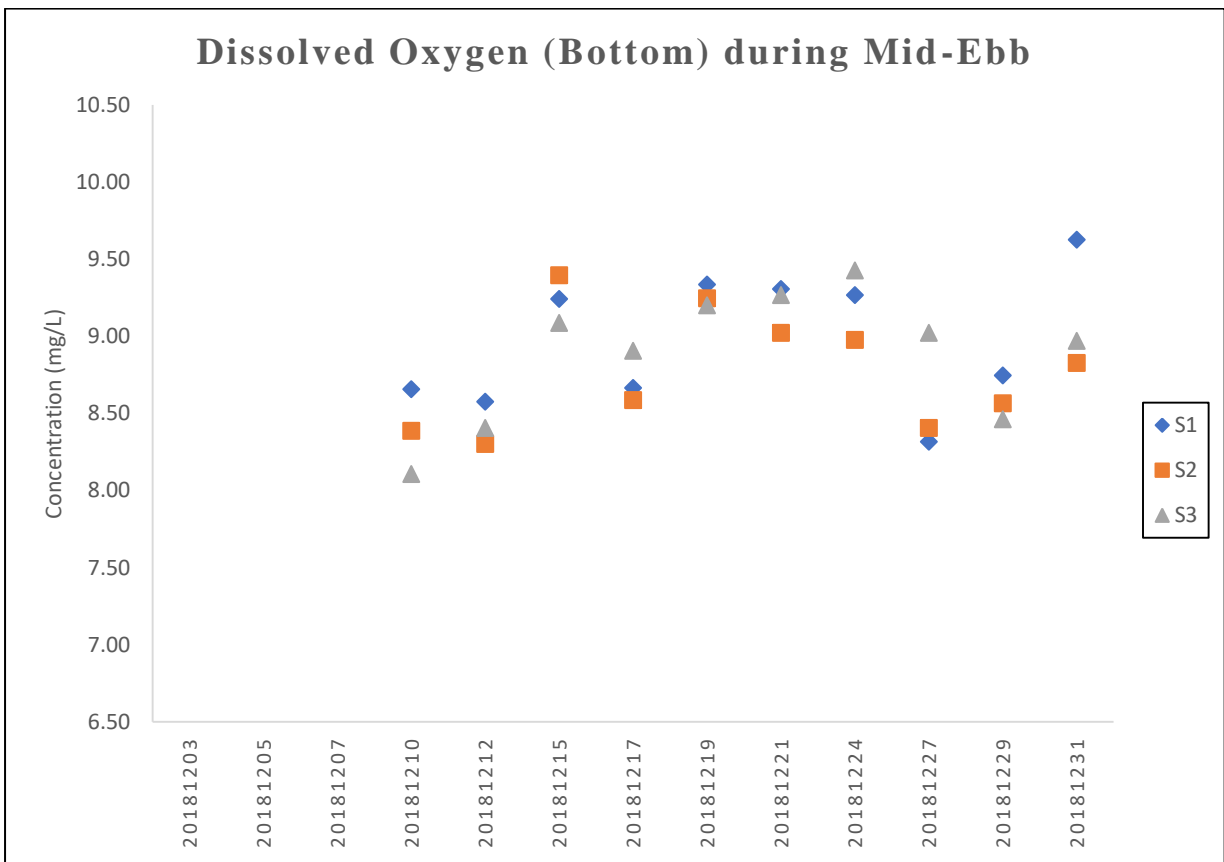
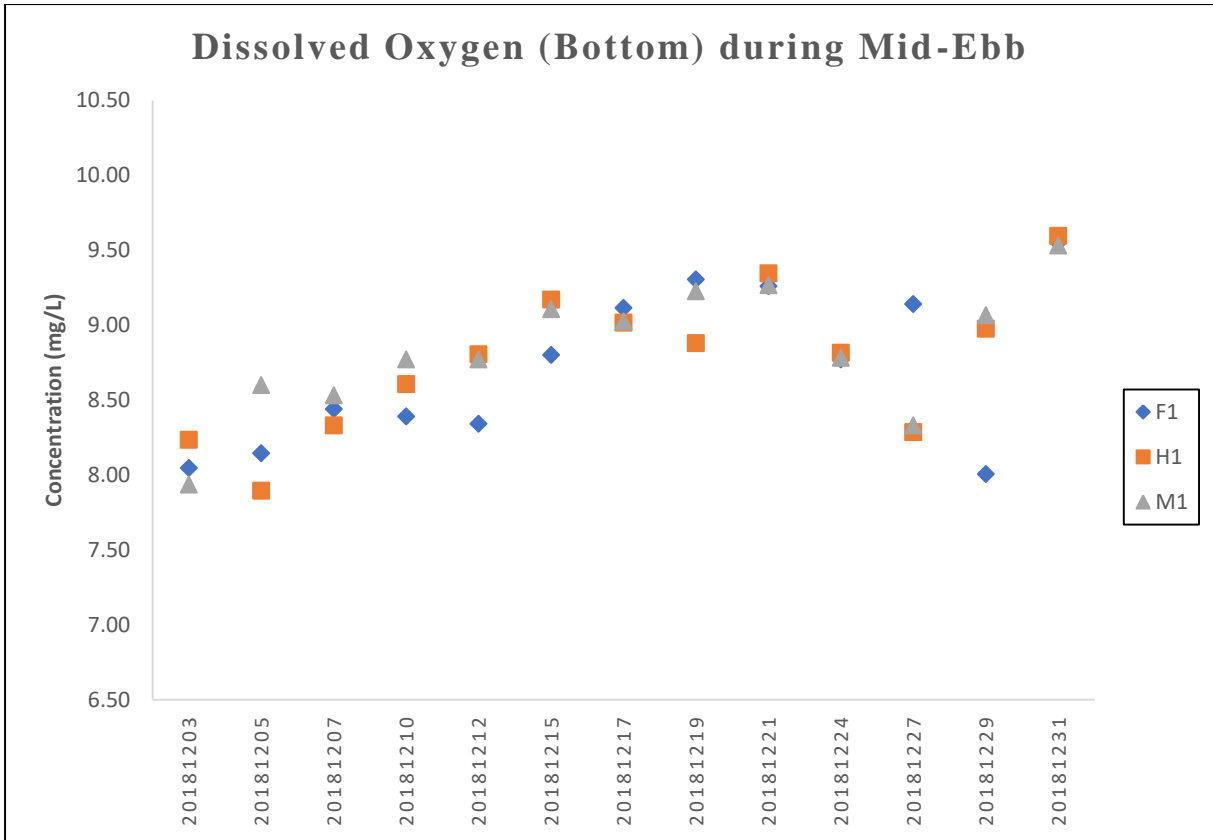
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



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

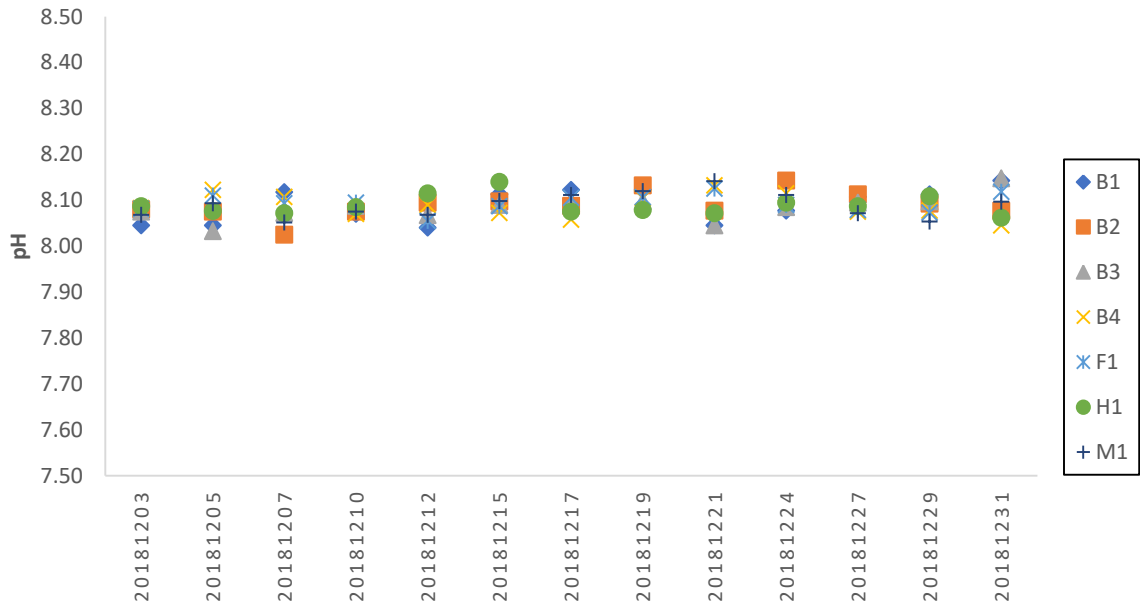


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

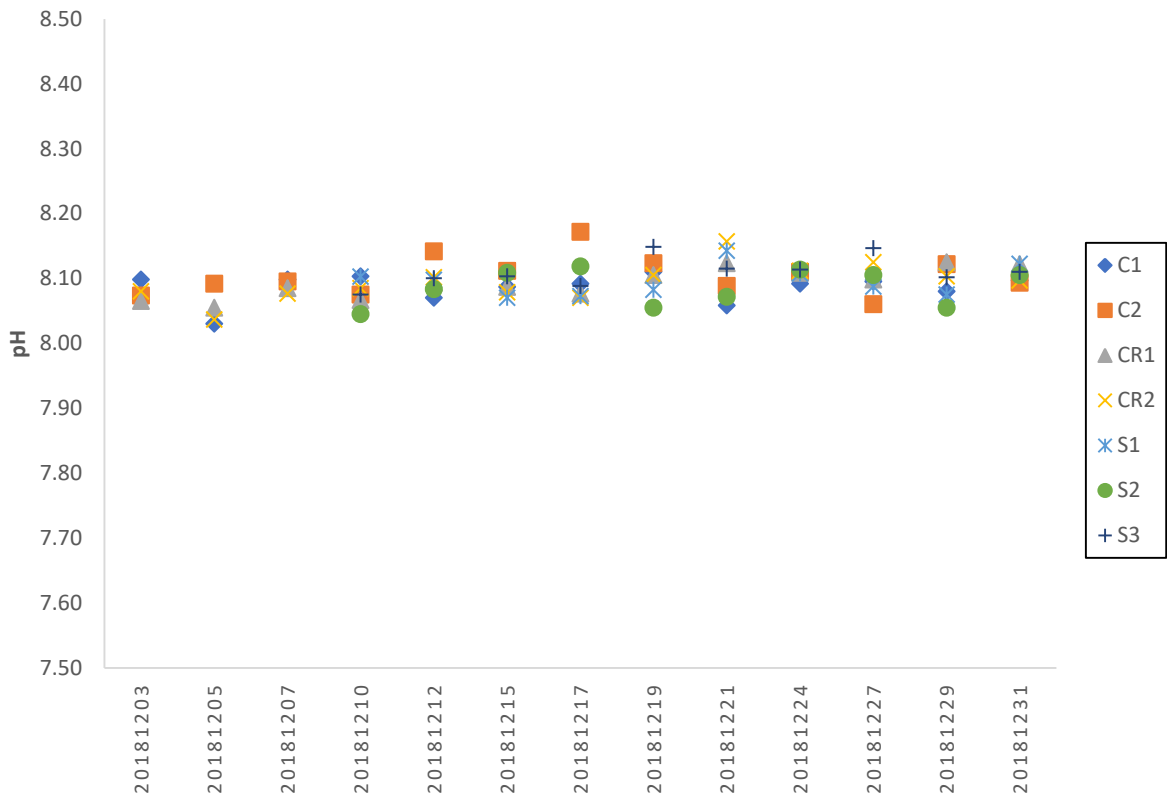


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

### pH (Depth-Averaged) during Mid-Flood

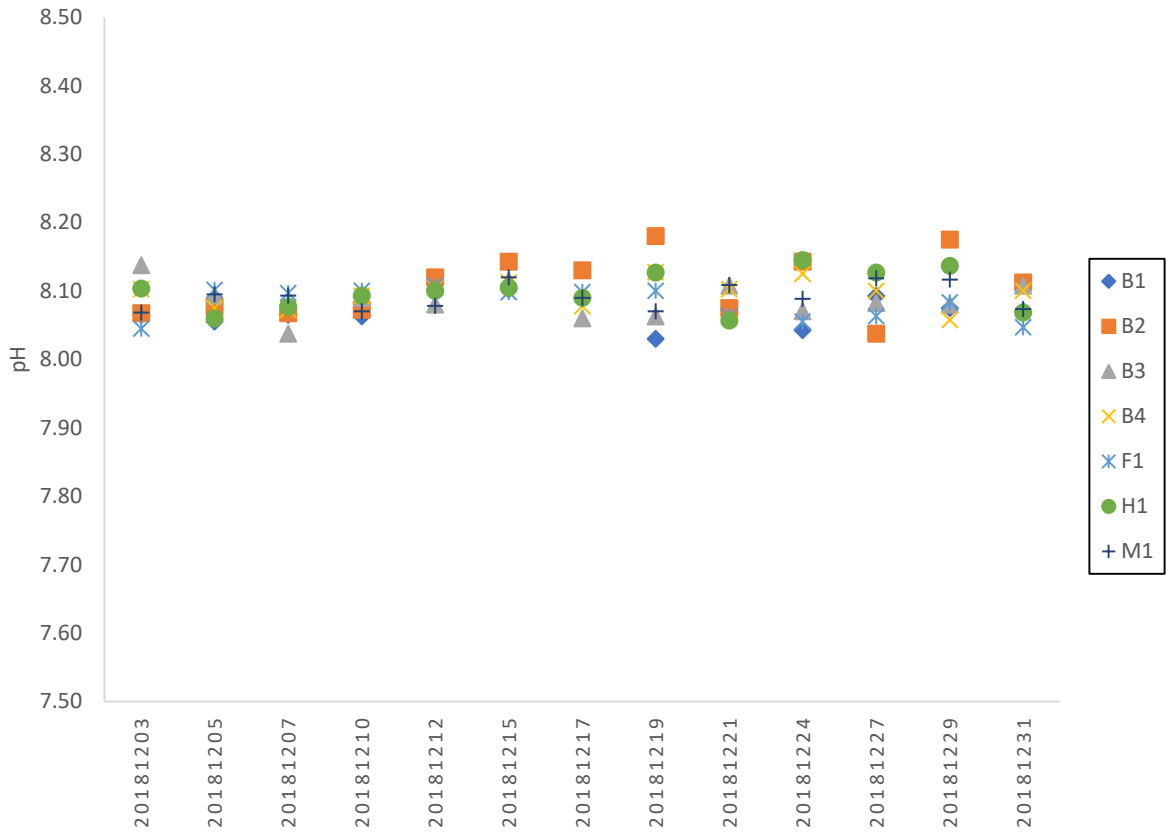


### pH (Depth-Averaged) during Mid-Flood

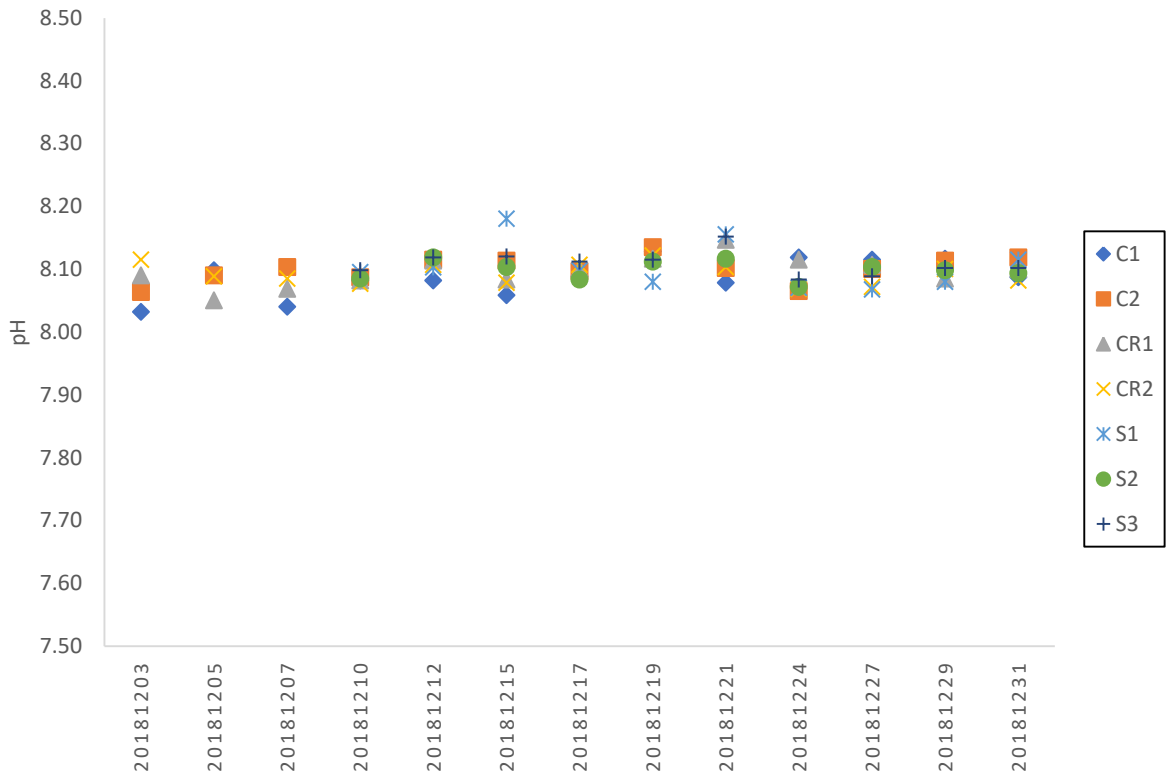


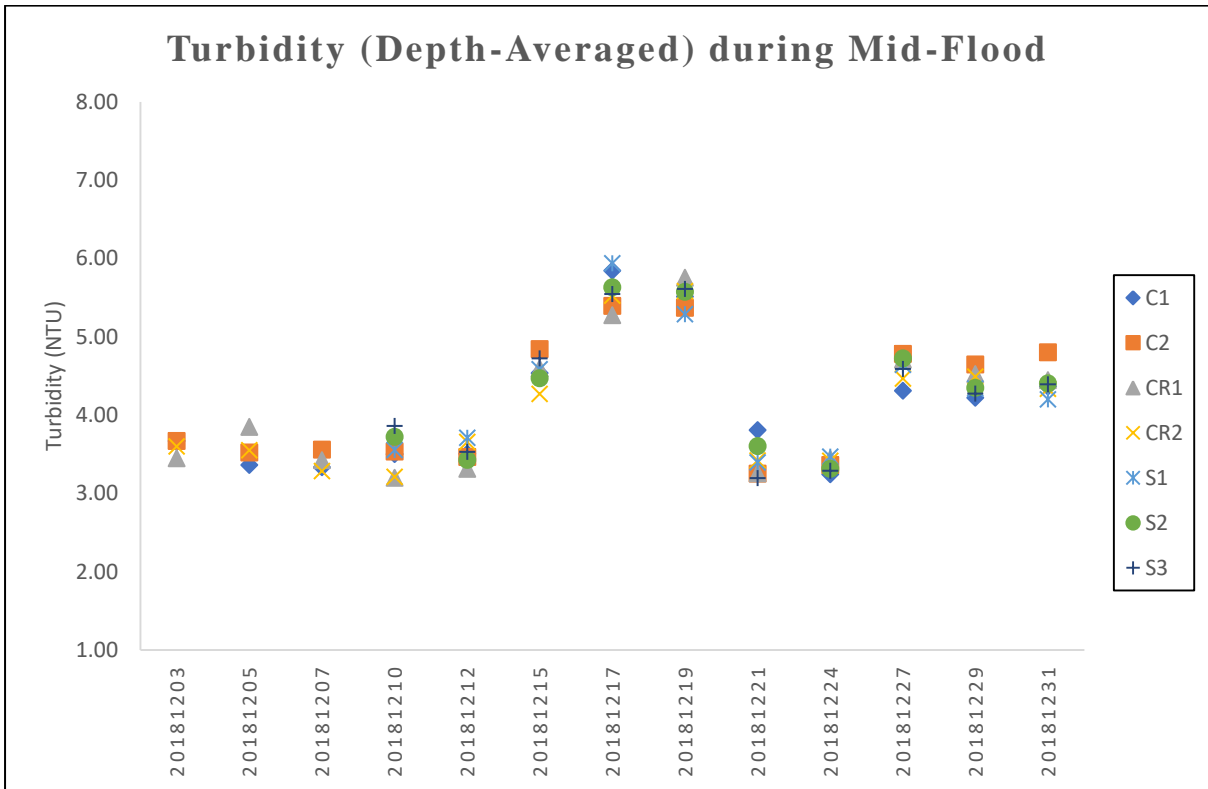
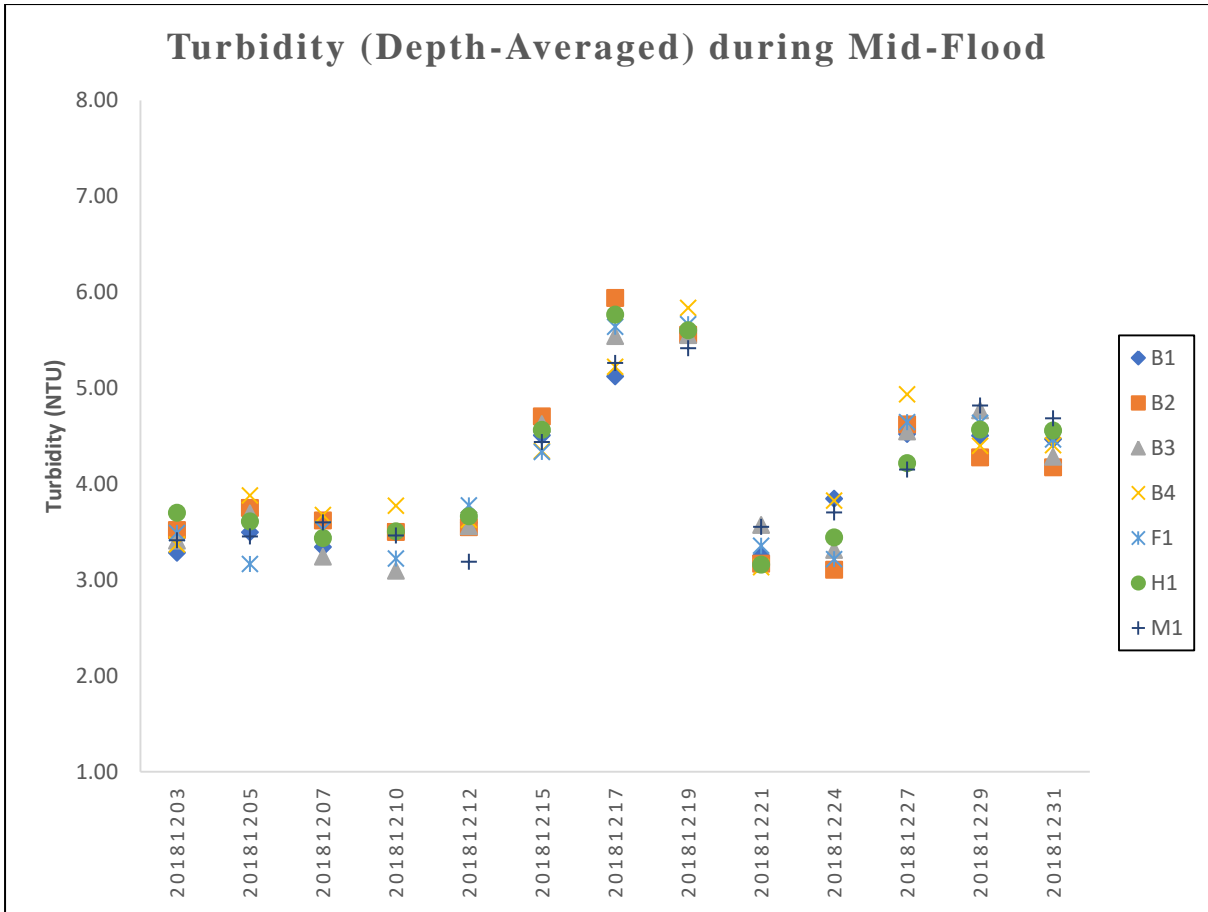


### pH (Depth-Averaged) during Mid-Ebb

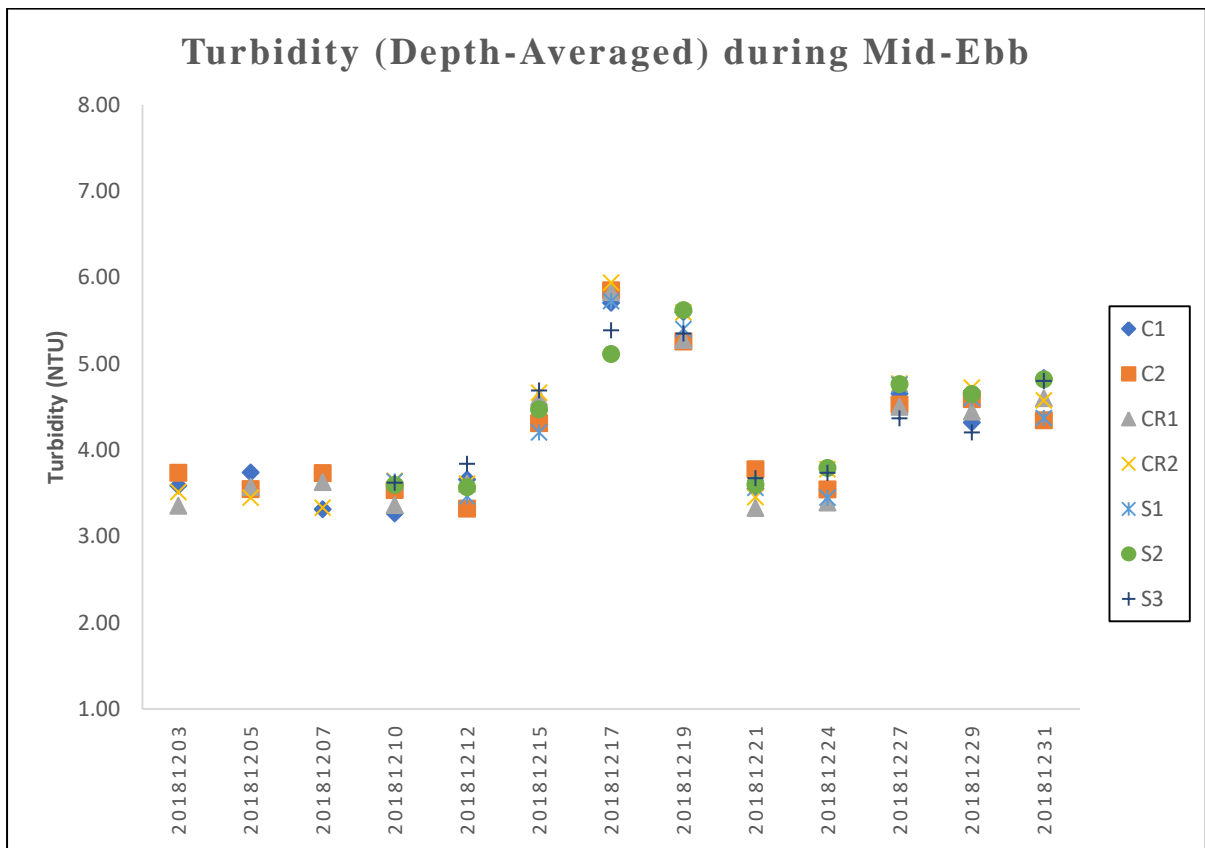
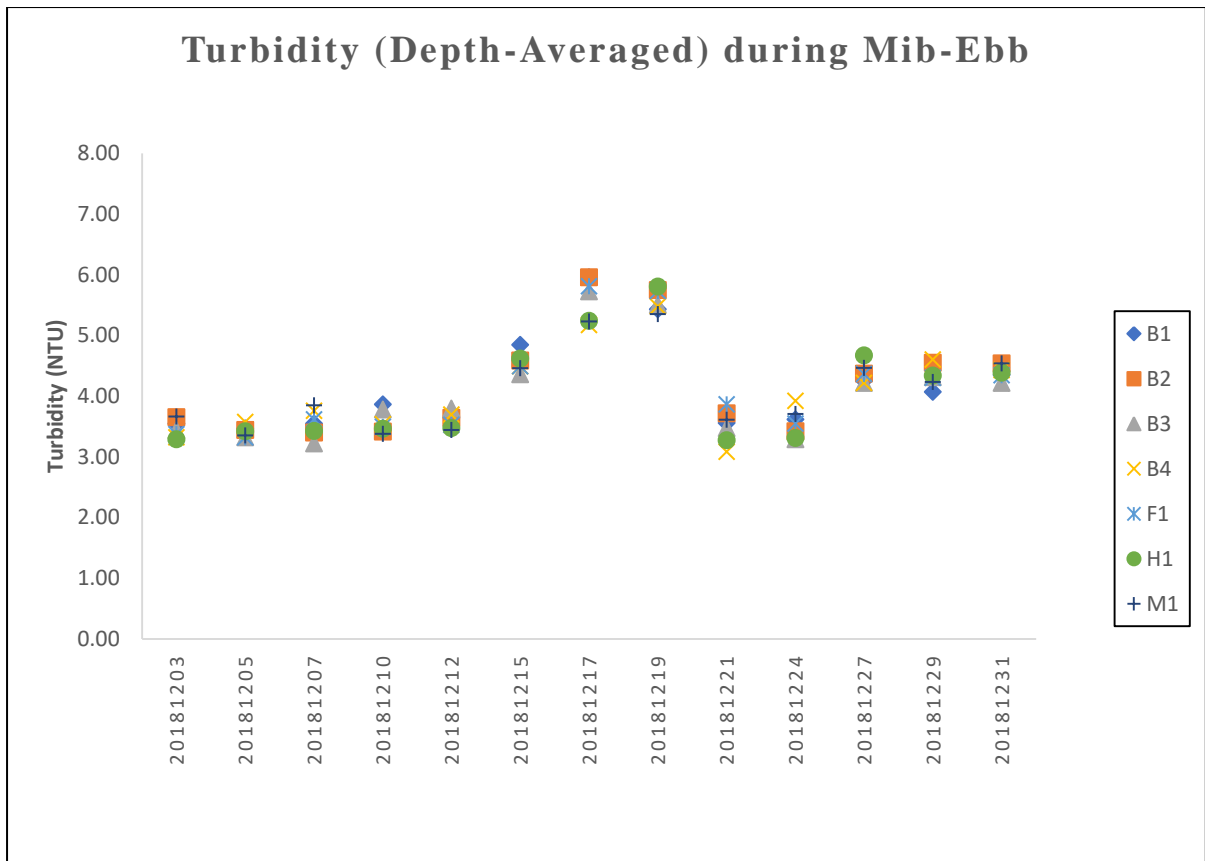


### pH (Depth-Averaged) during Mid-Ebb

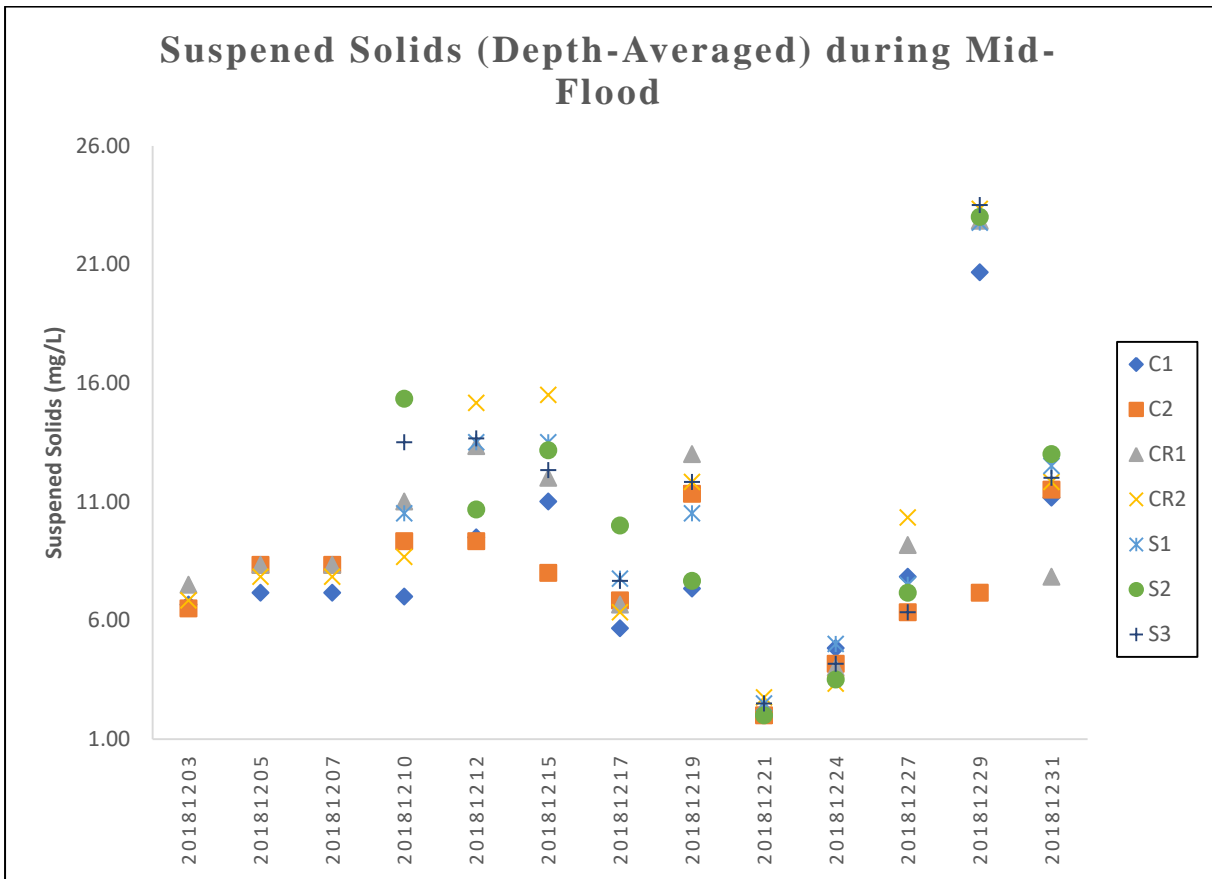
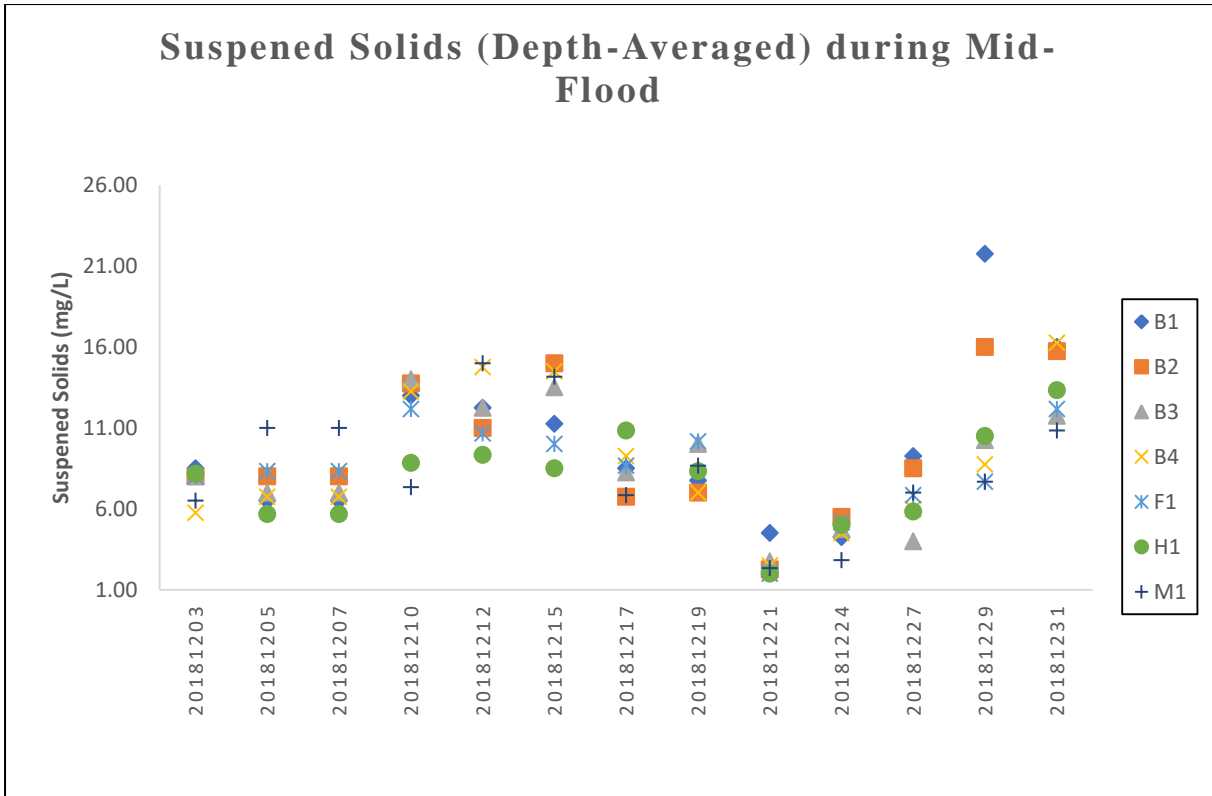




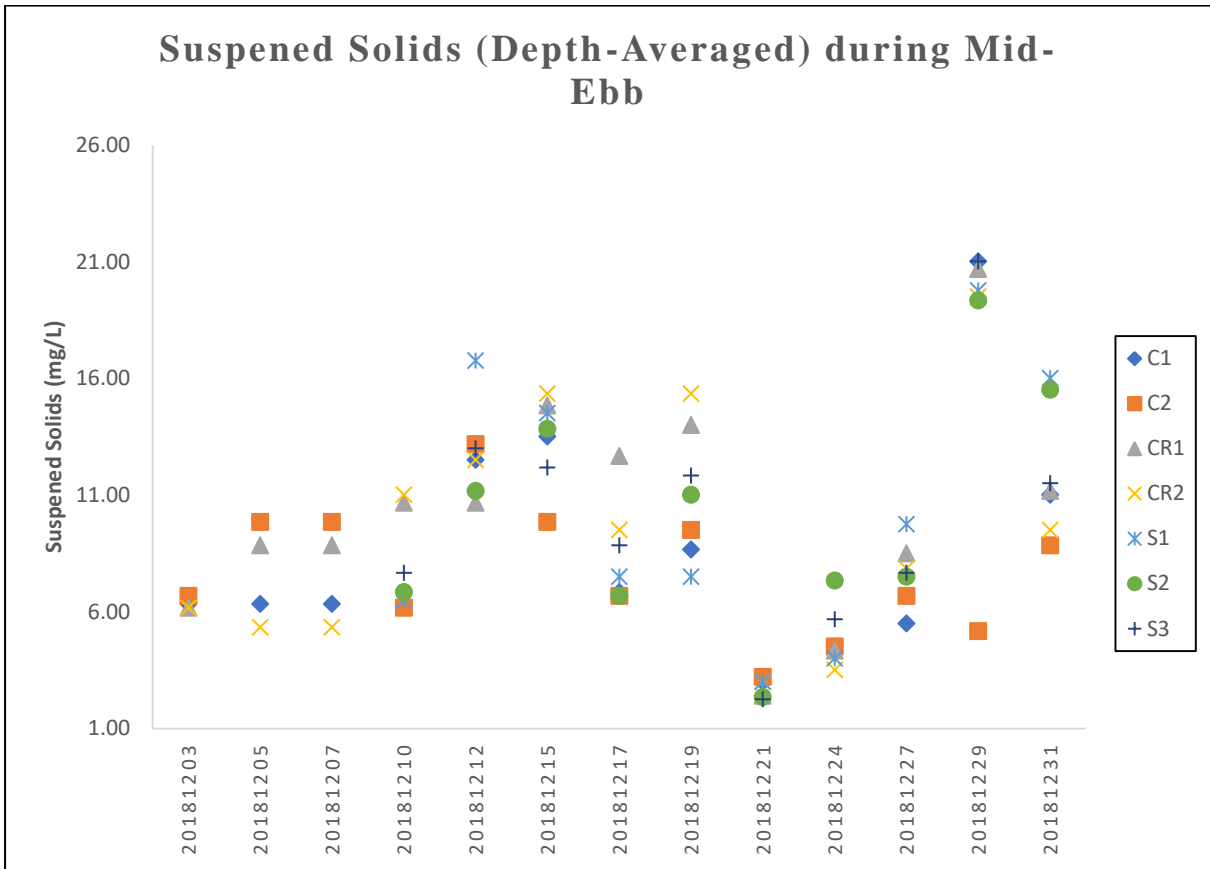
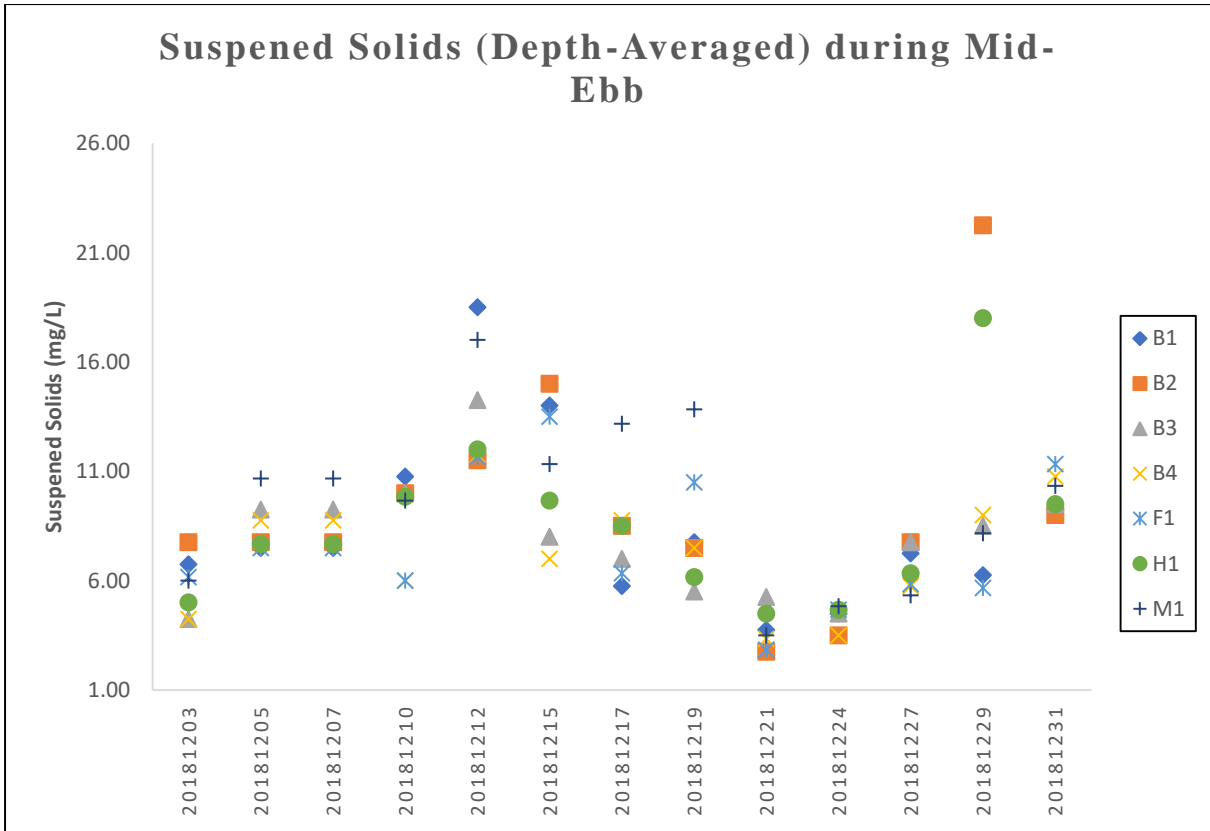
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



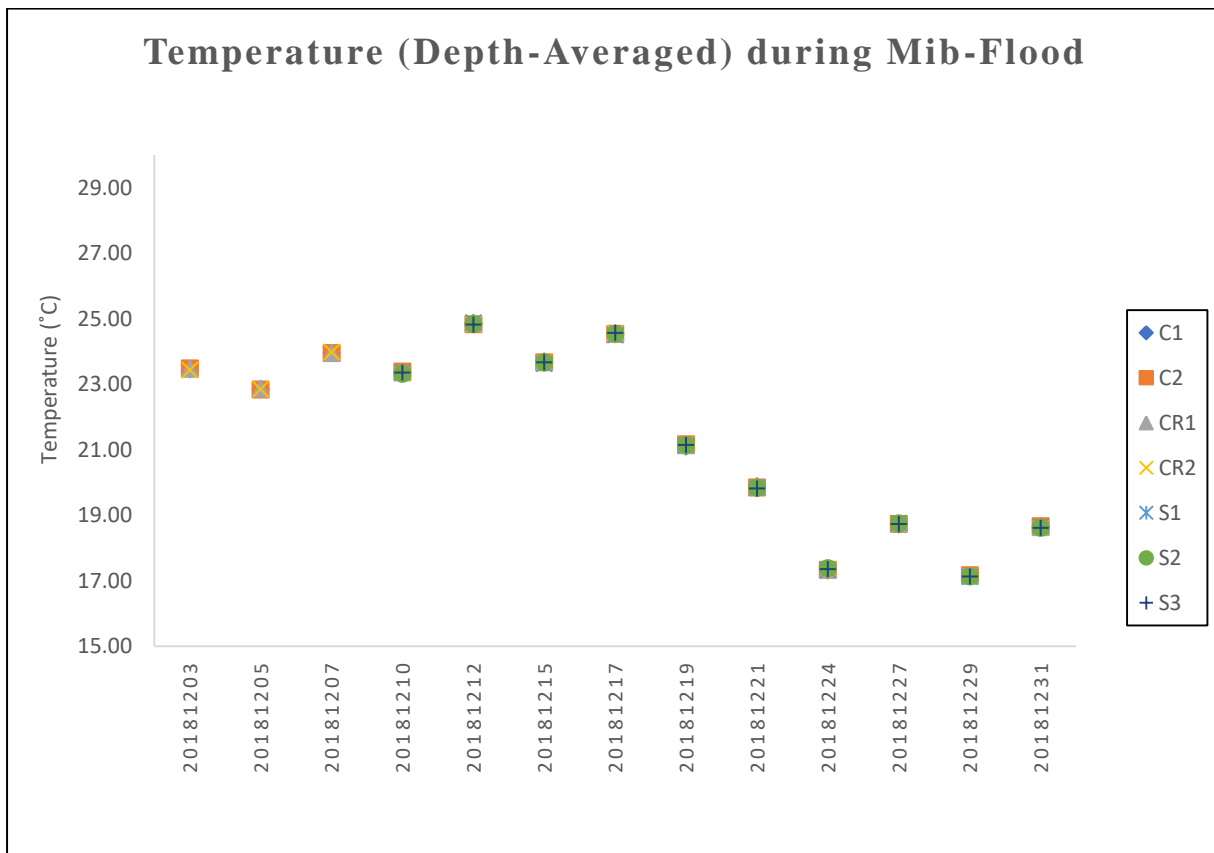
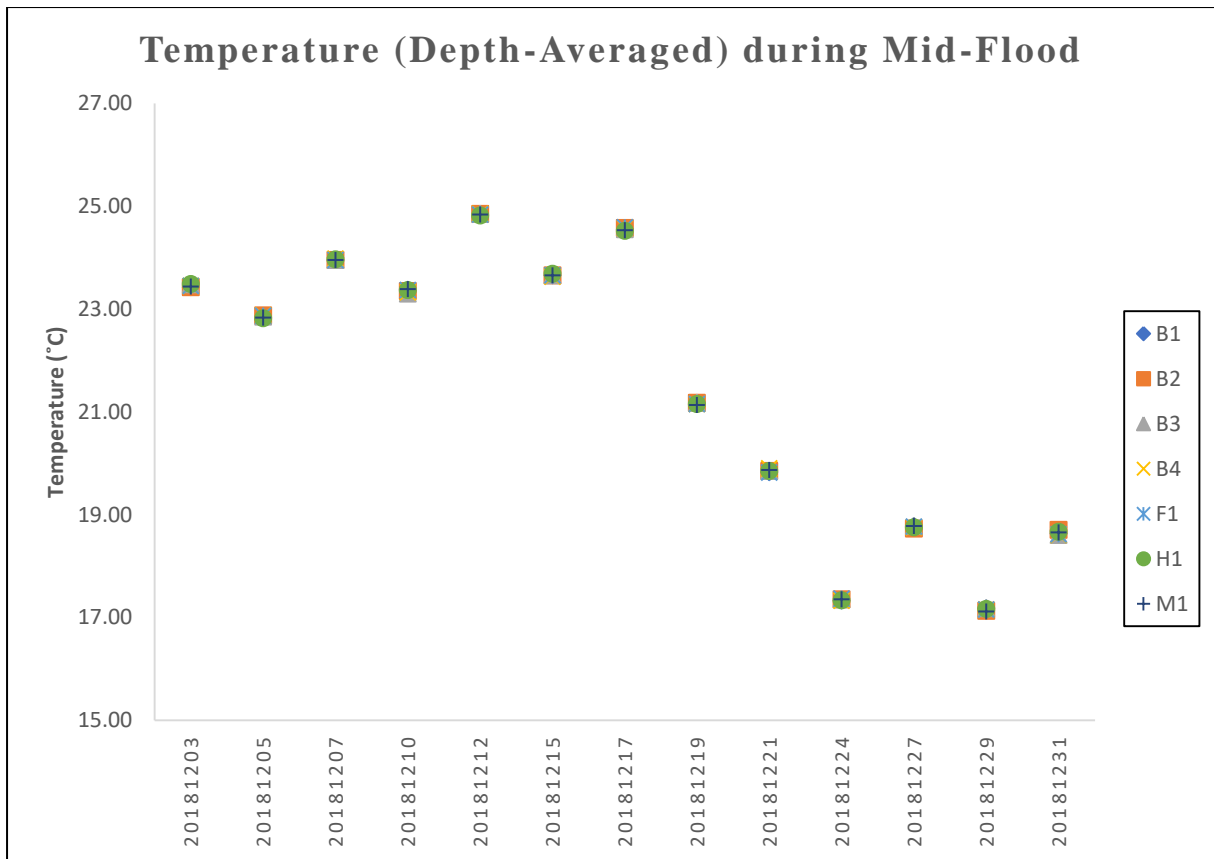
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



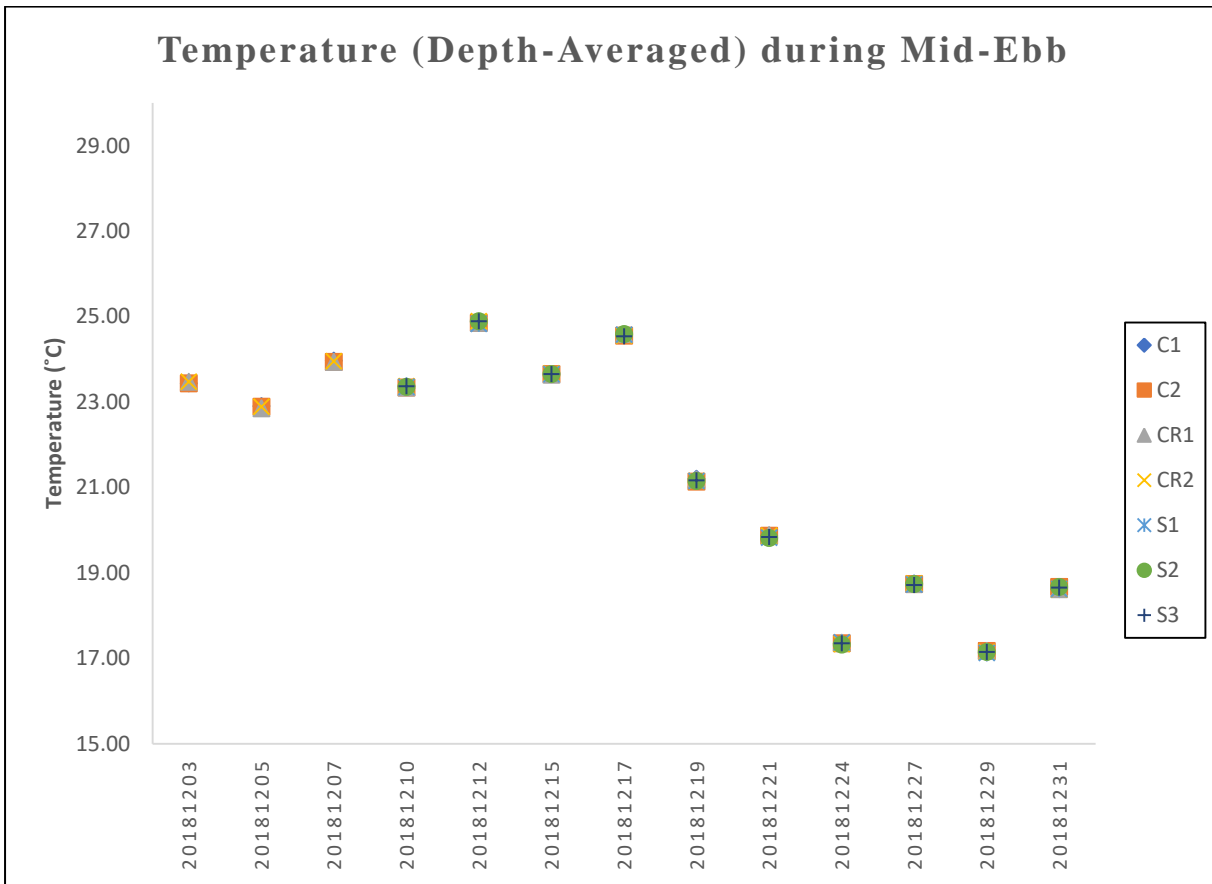
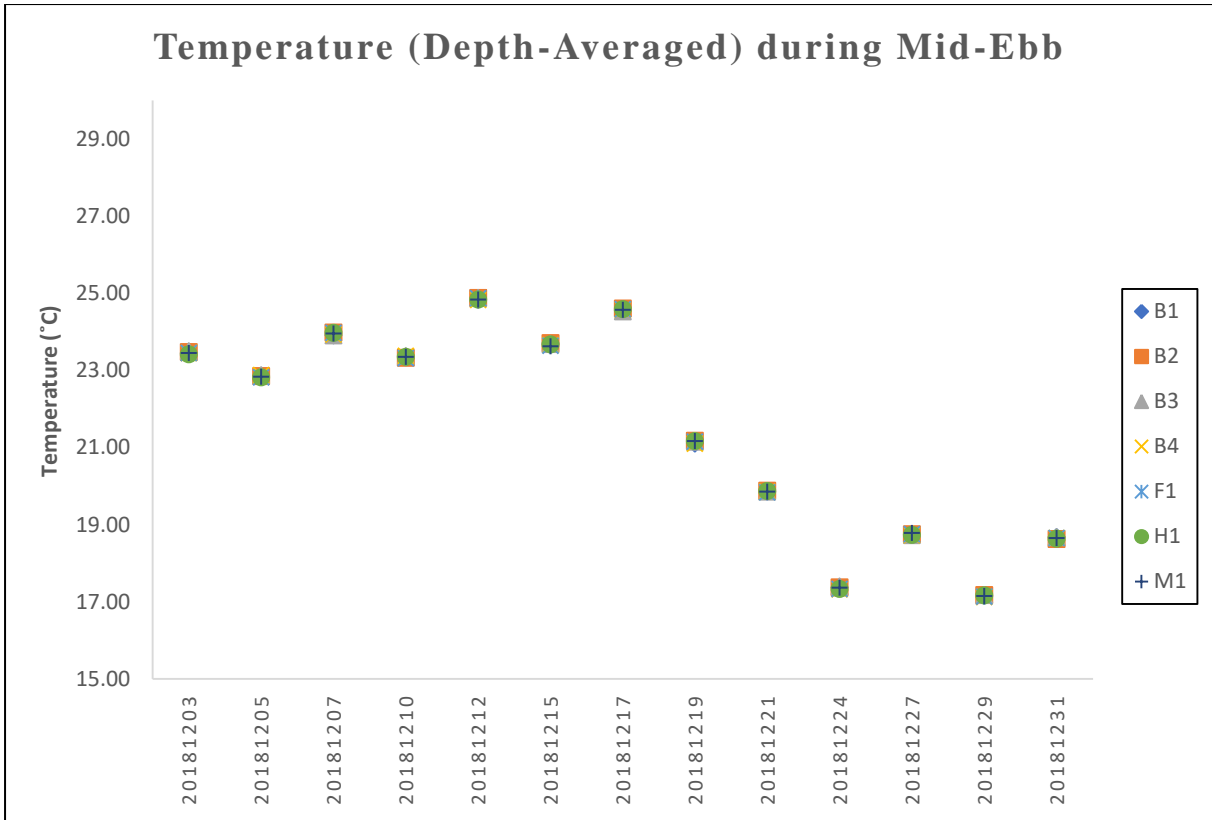
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



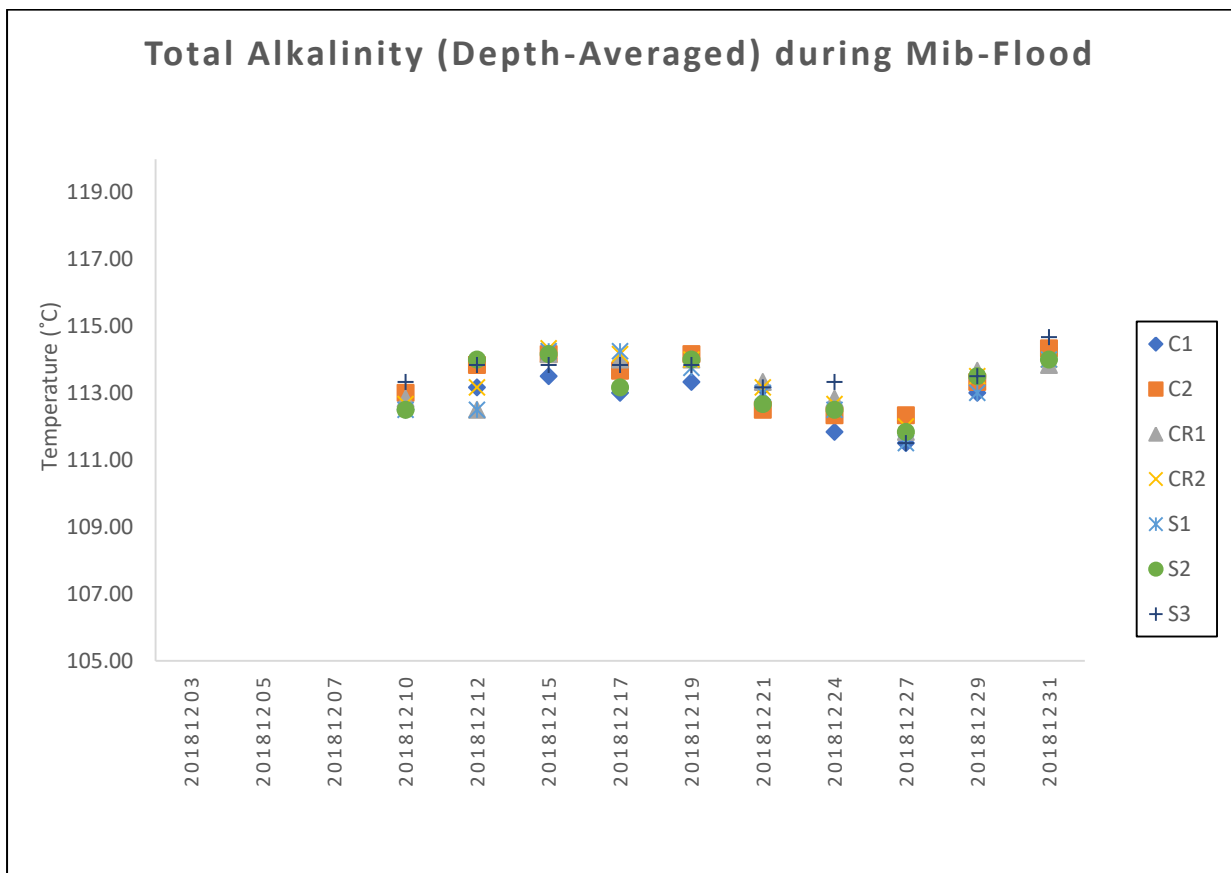
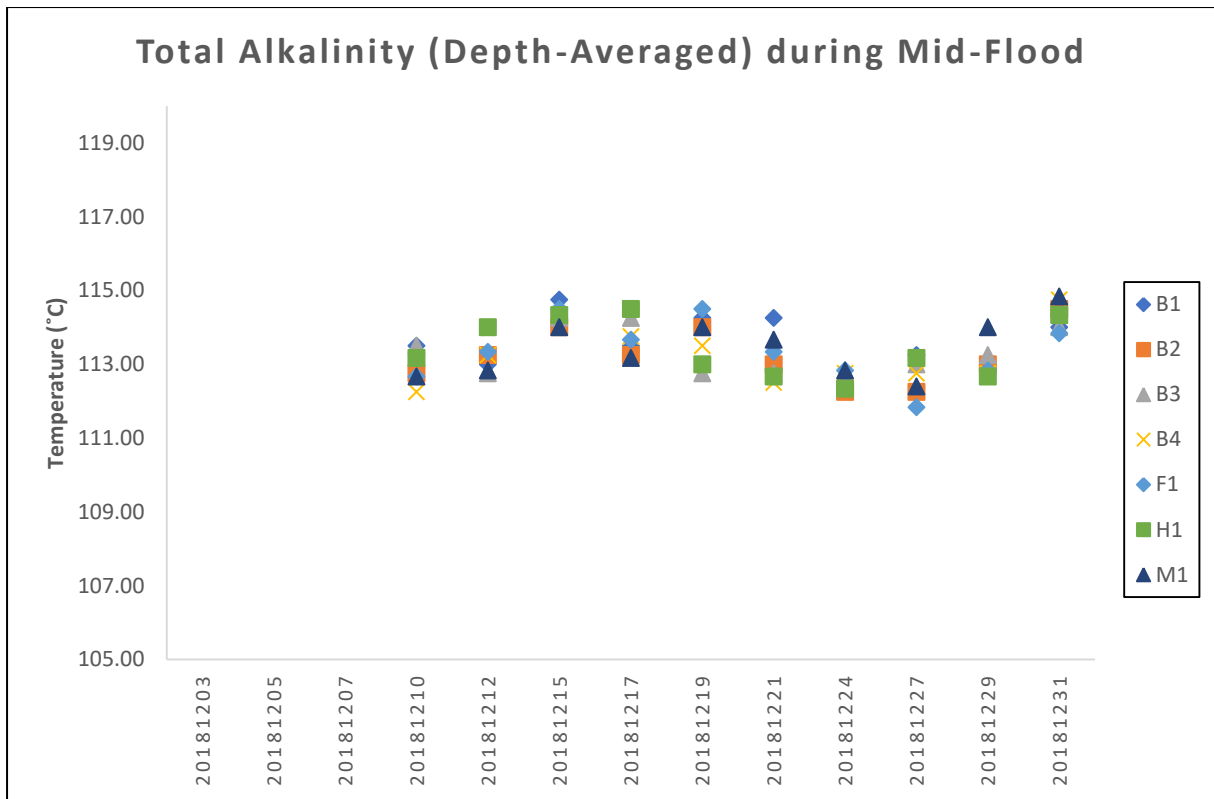
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



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

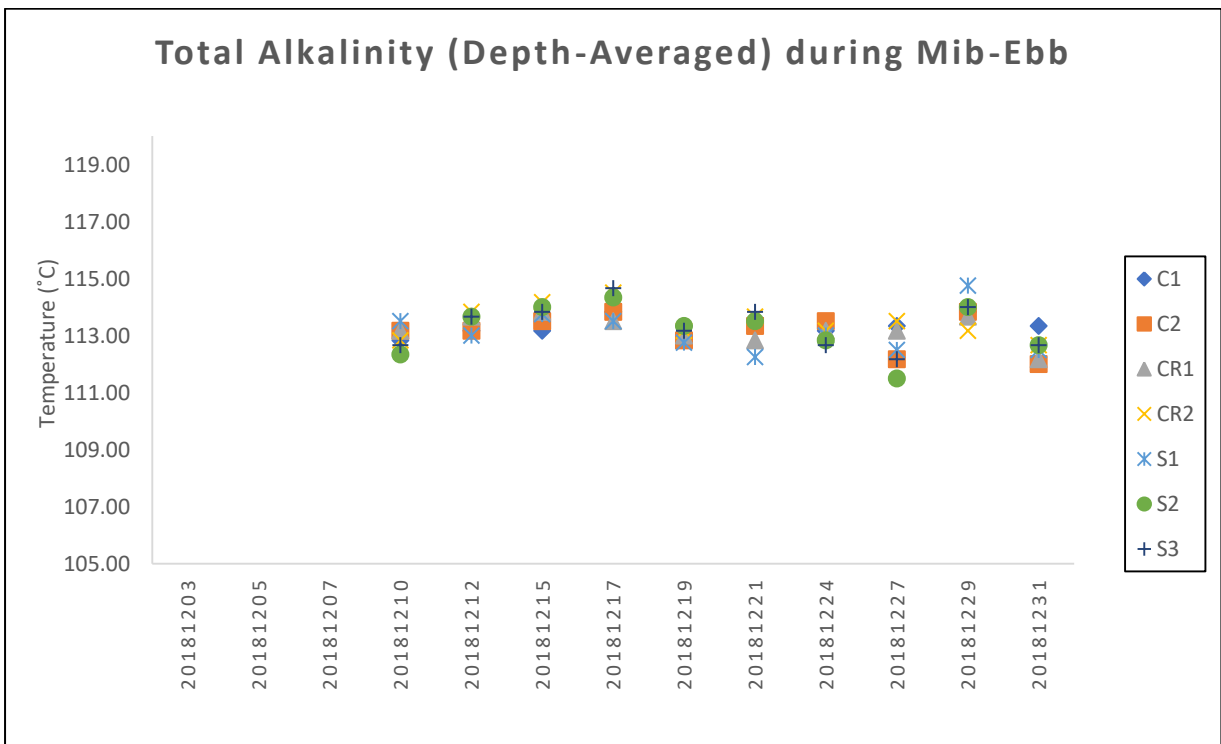
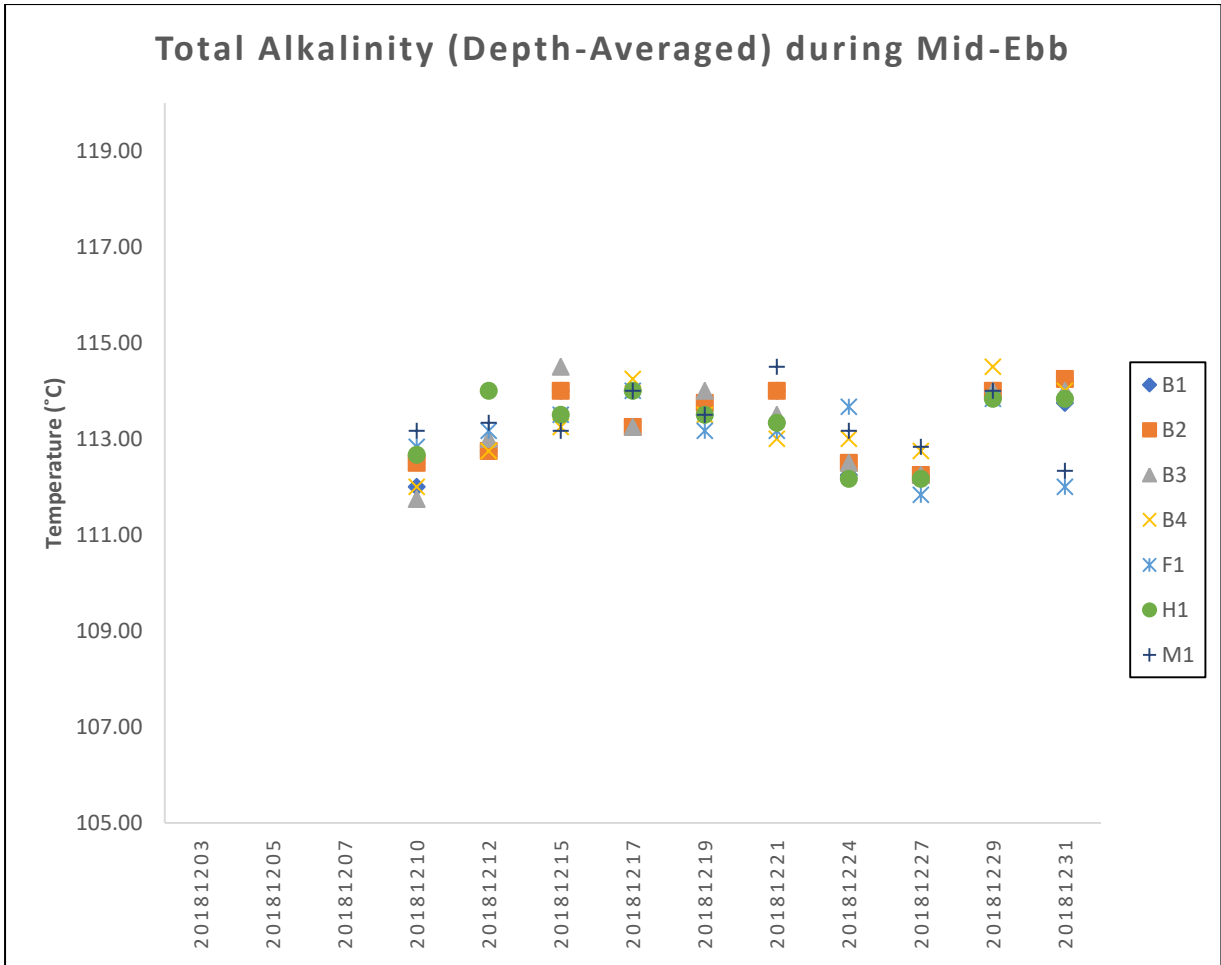


Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



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

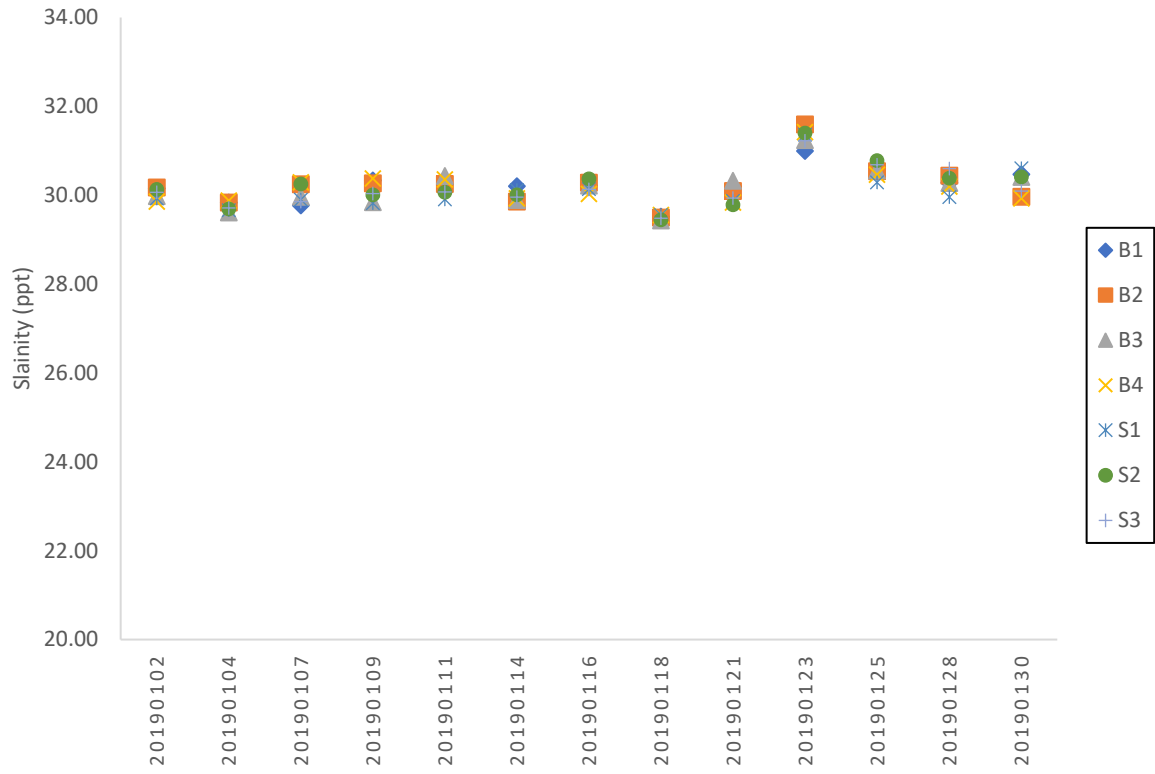




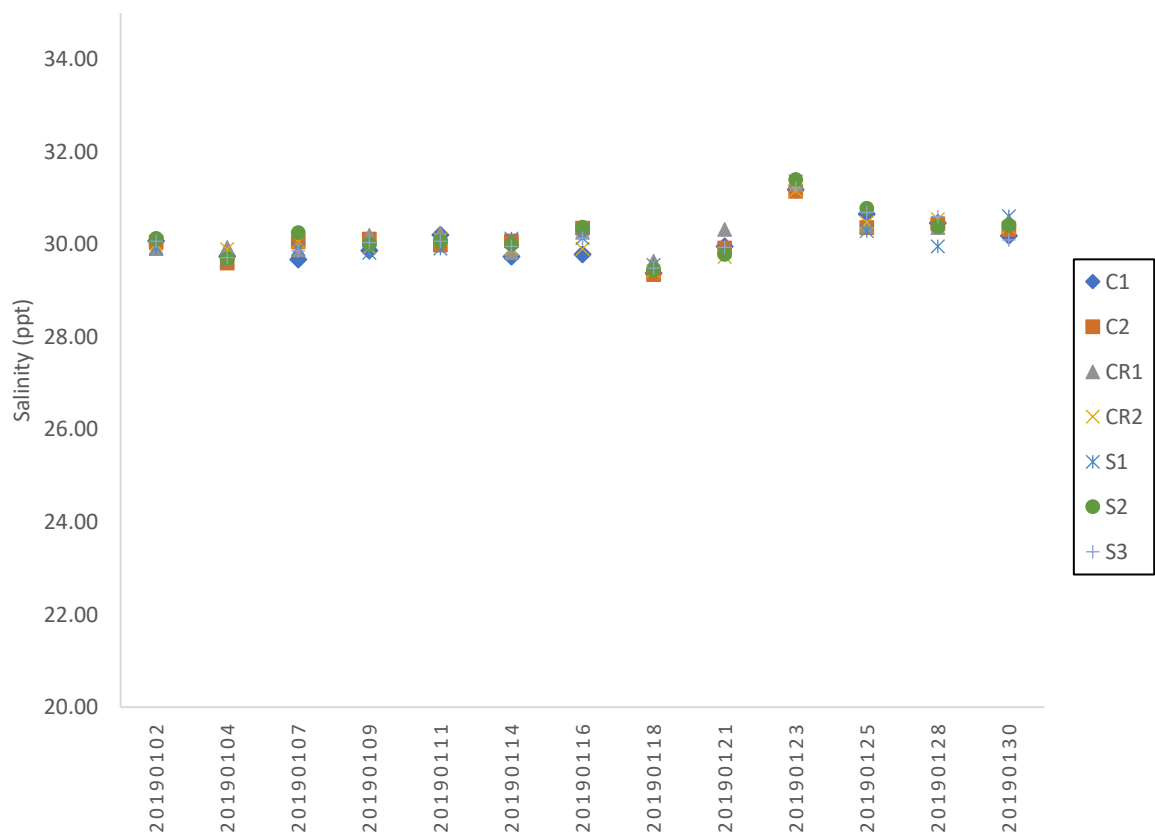
Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

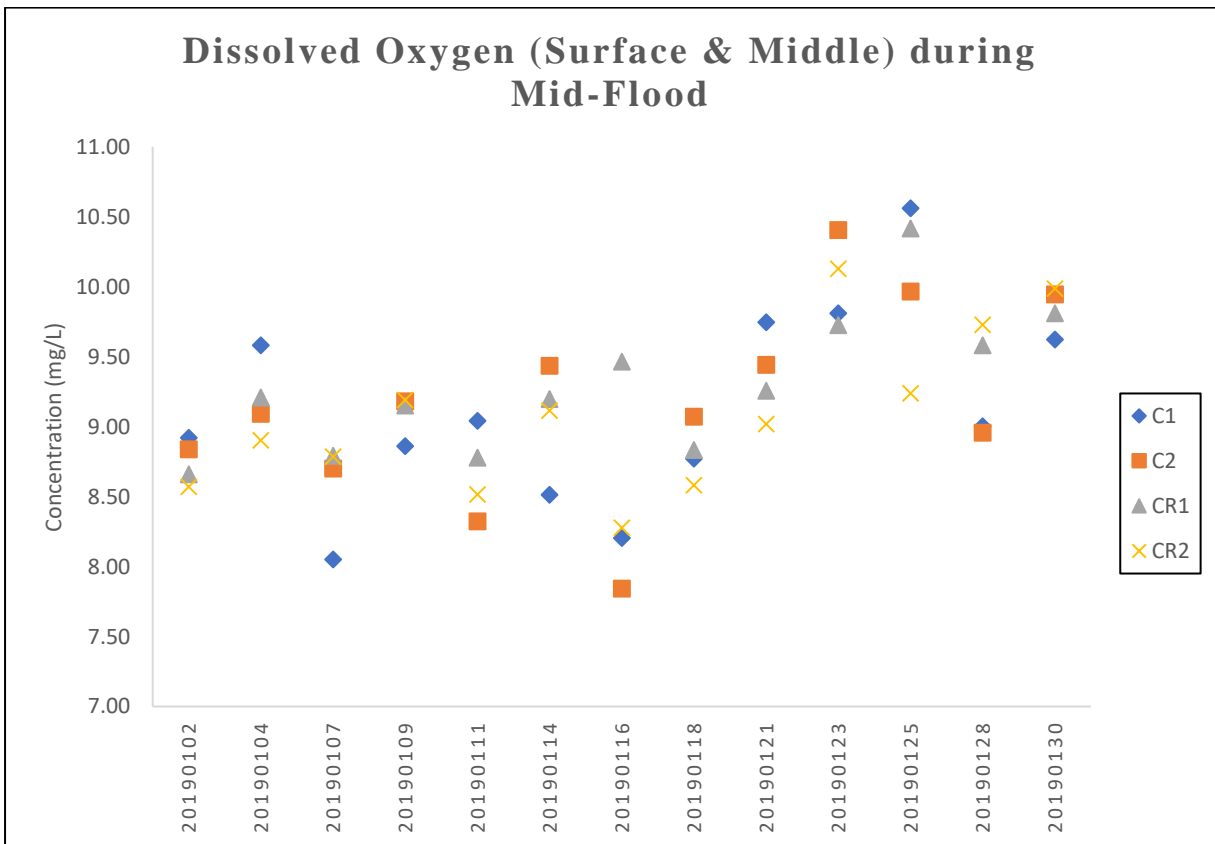
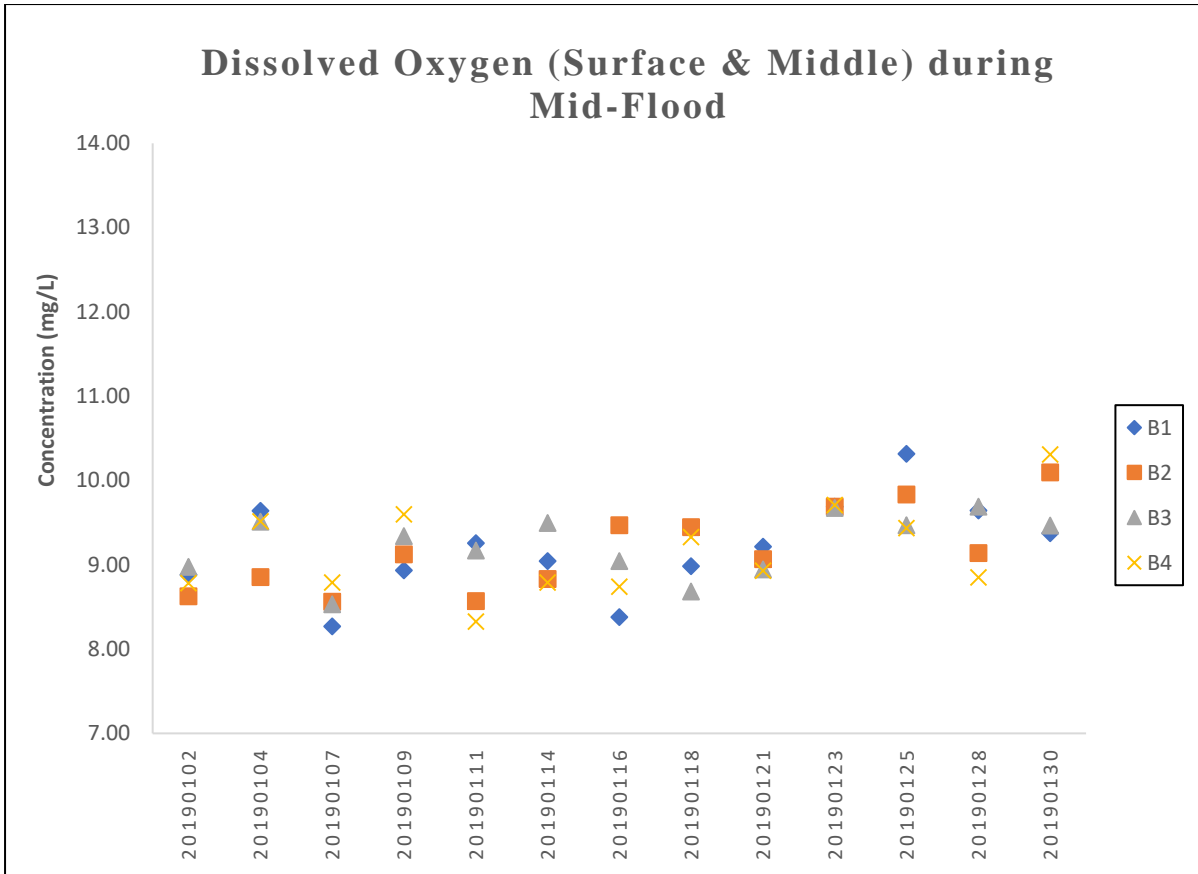


### Salinity (Depth-averaged) during Mid-Ebb

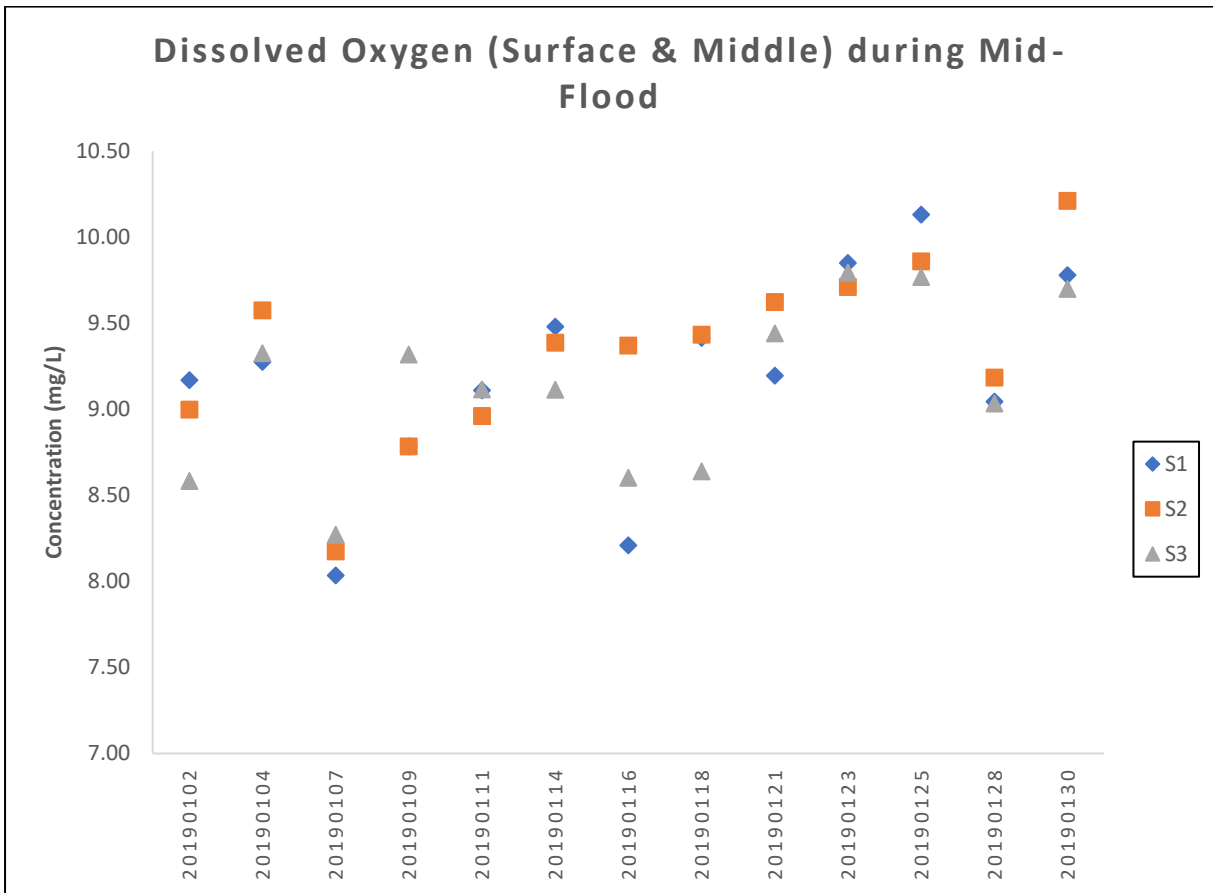
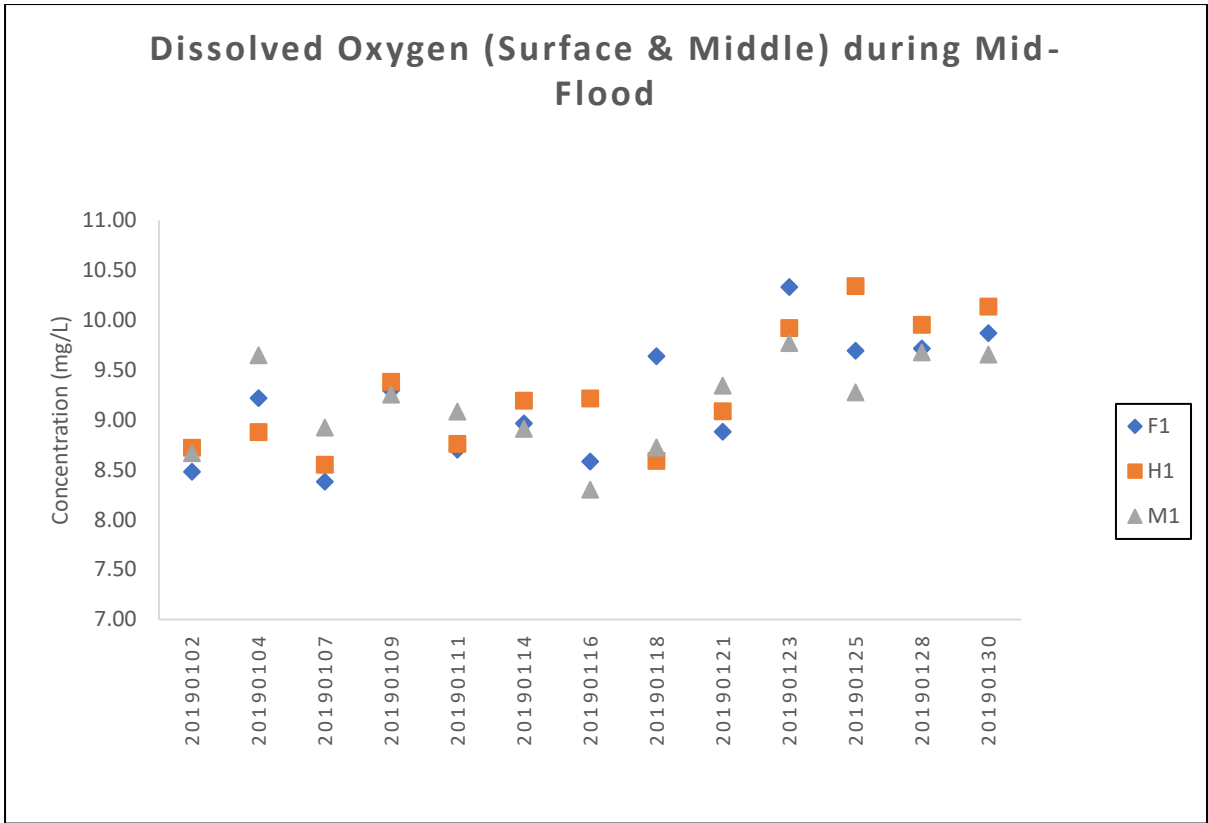


### Salinity (Depth-averaged) during Mid-Ebb

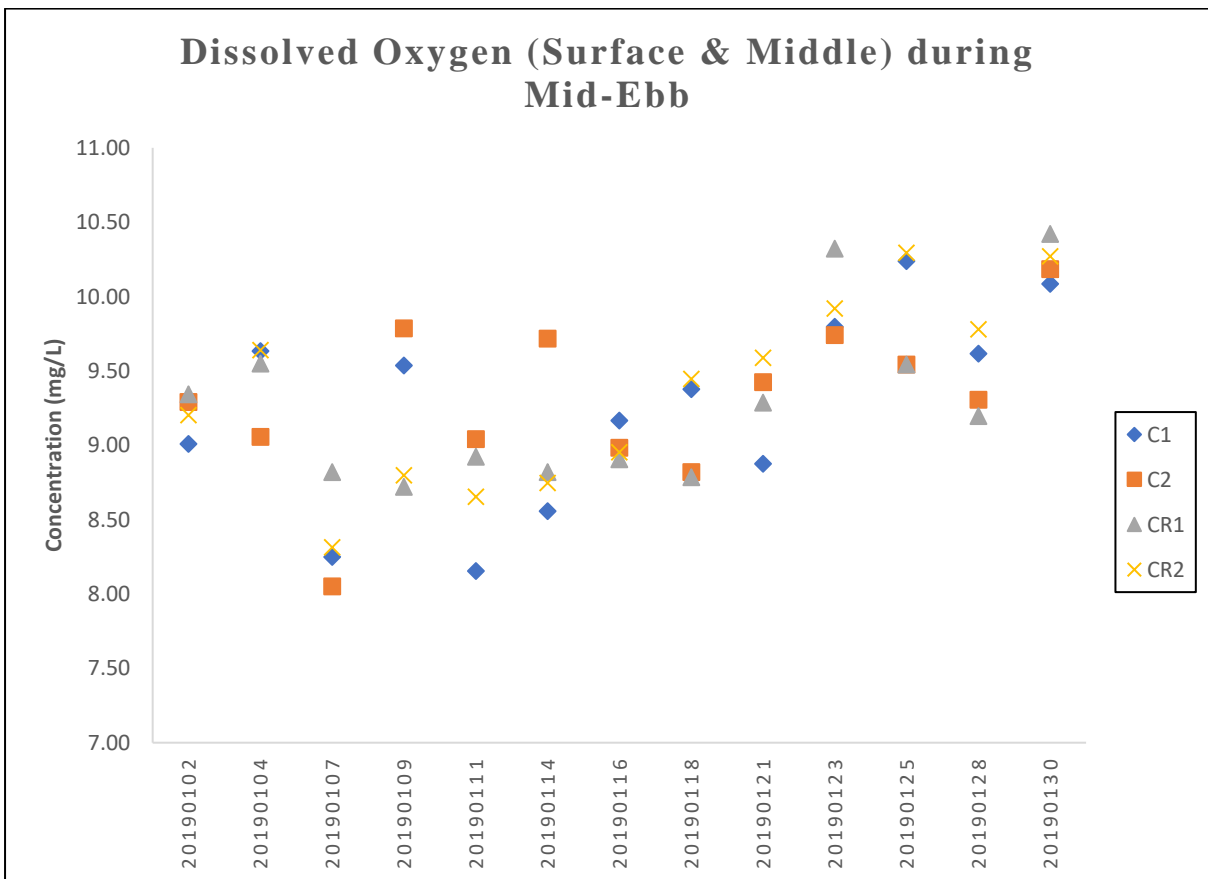
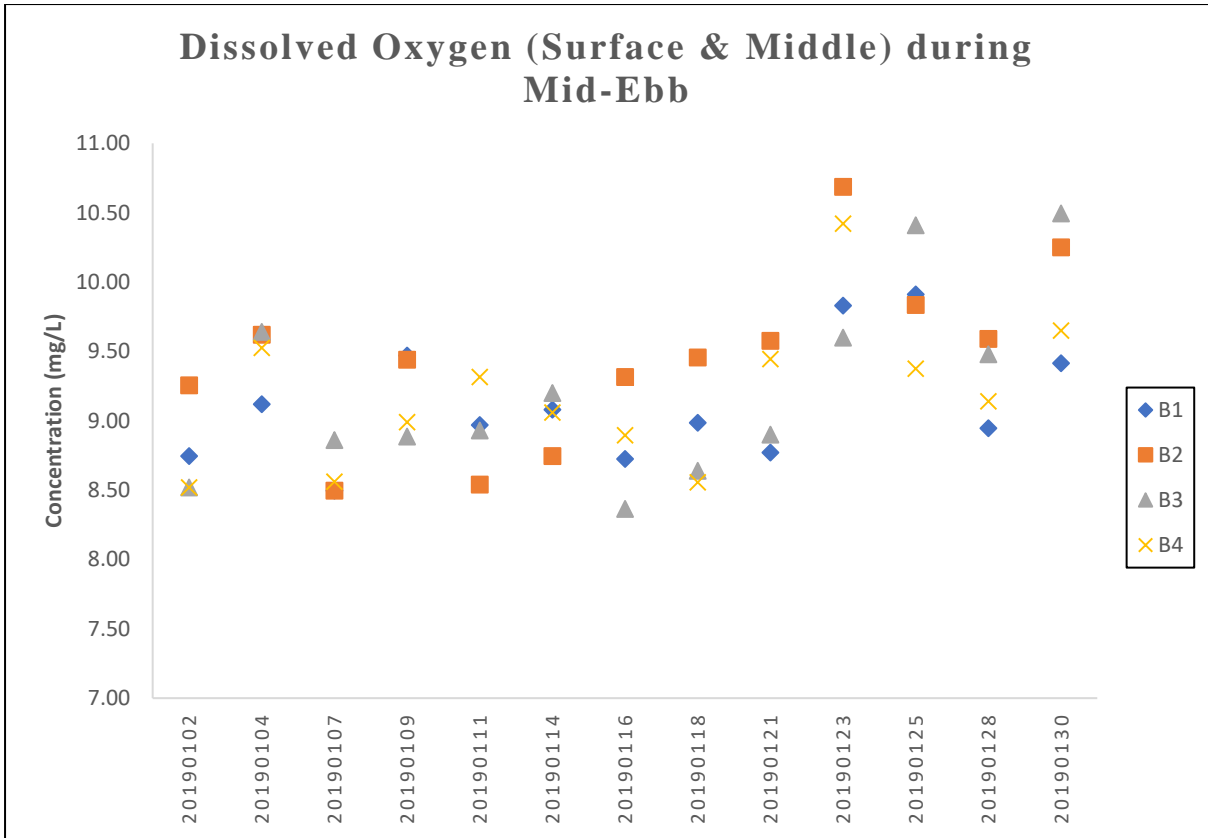




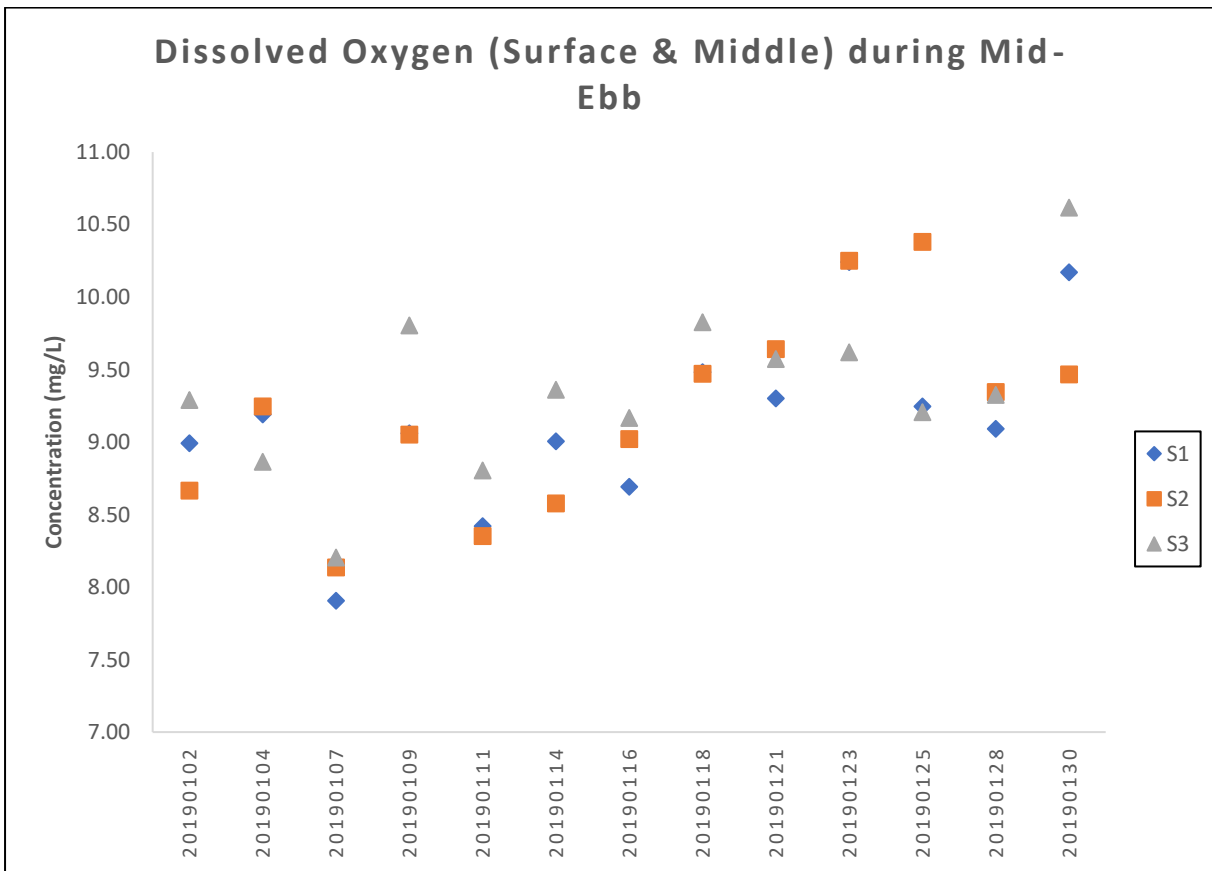
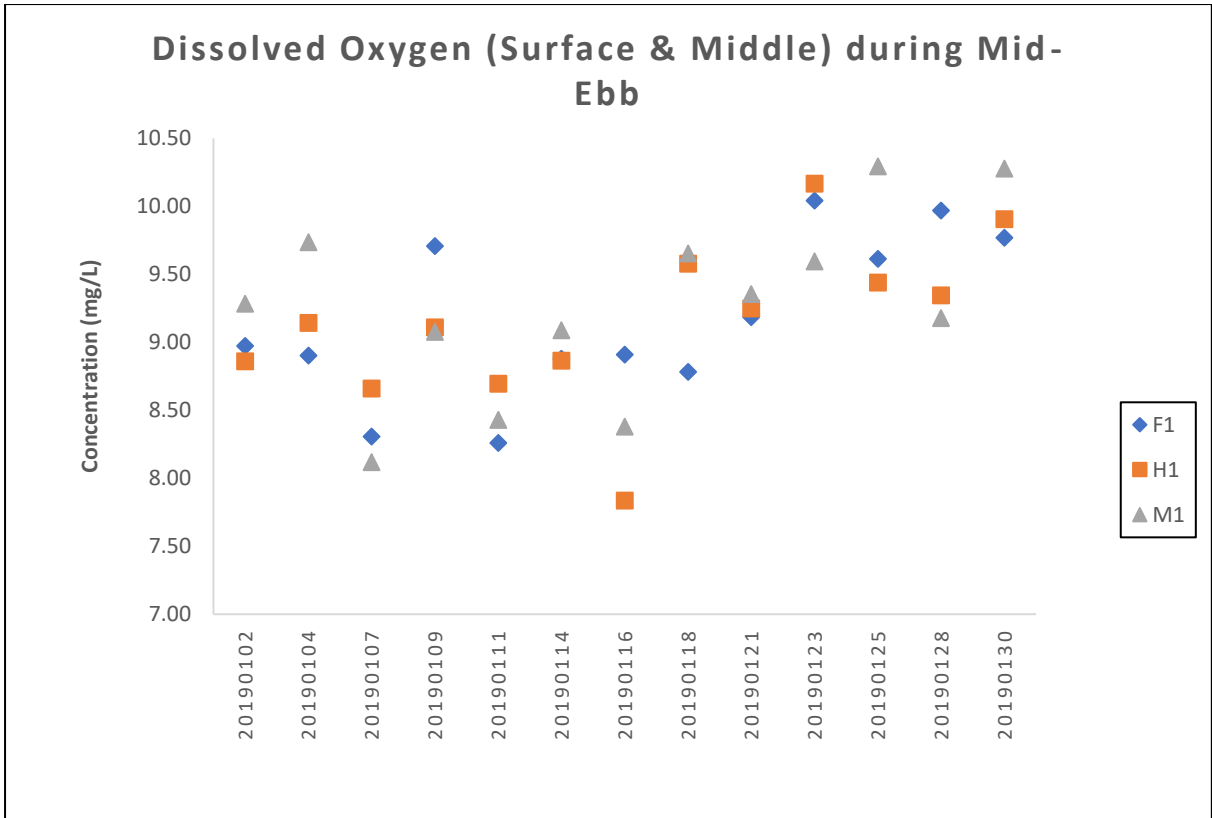
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



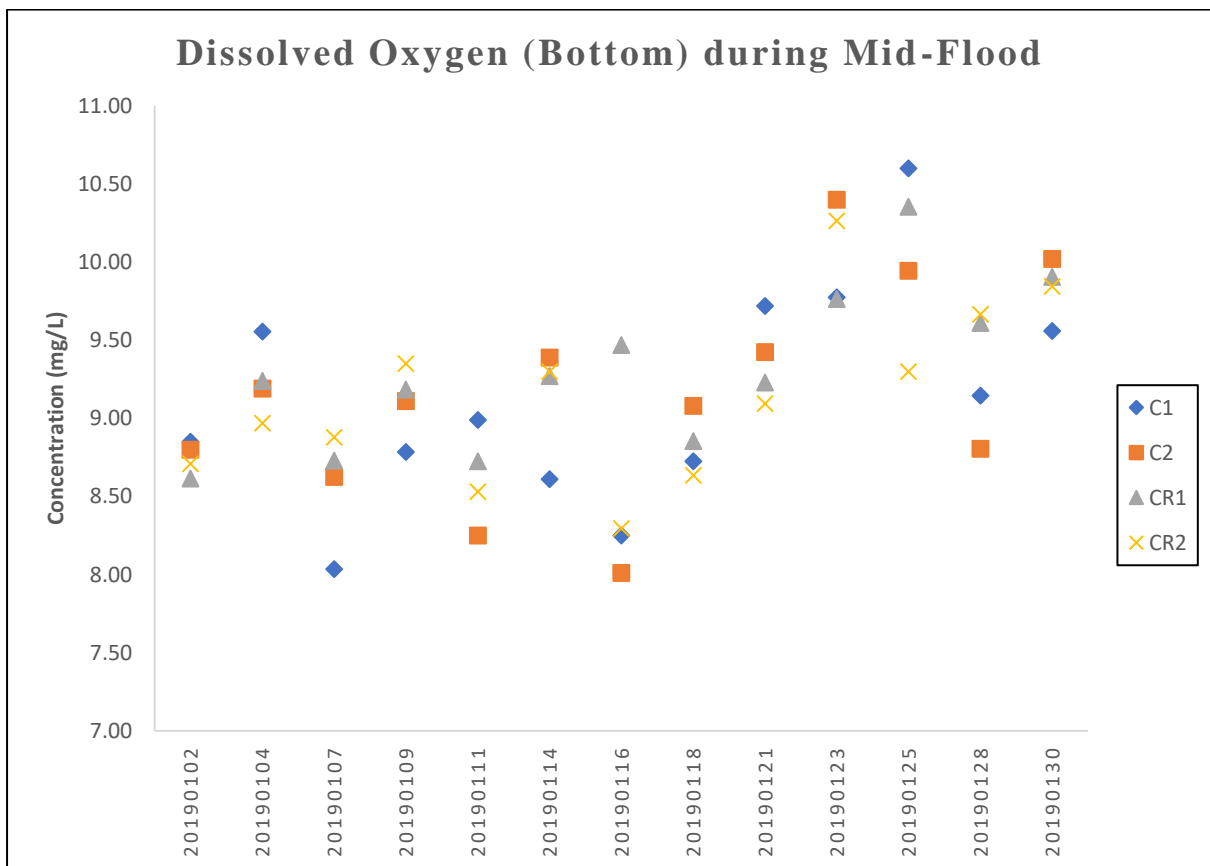
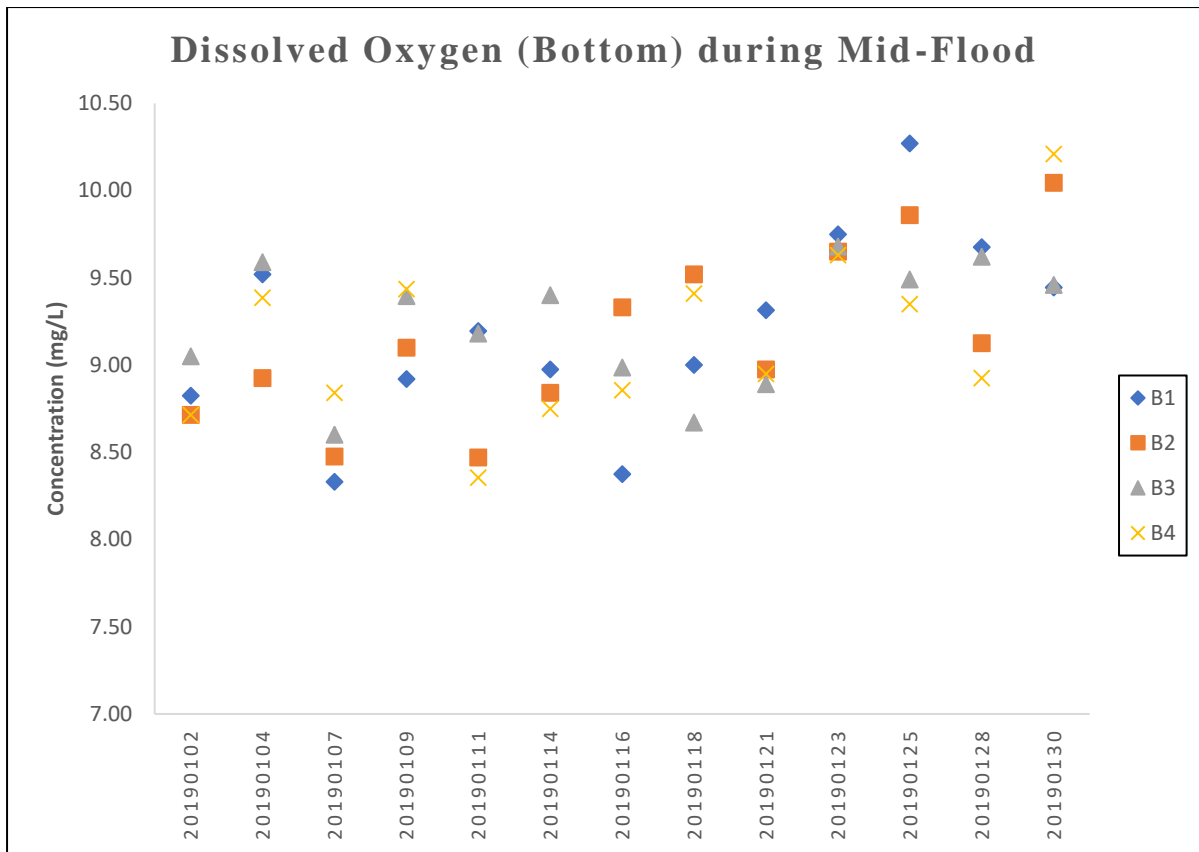
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



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

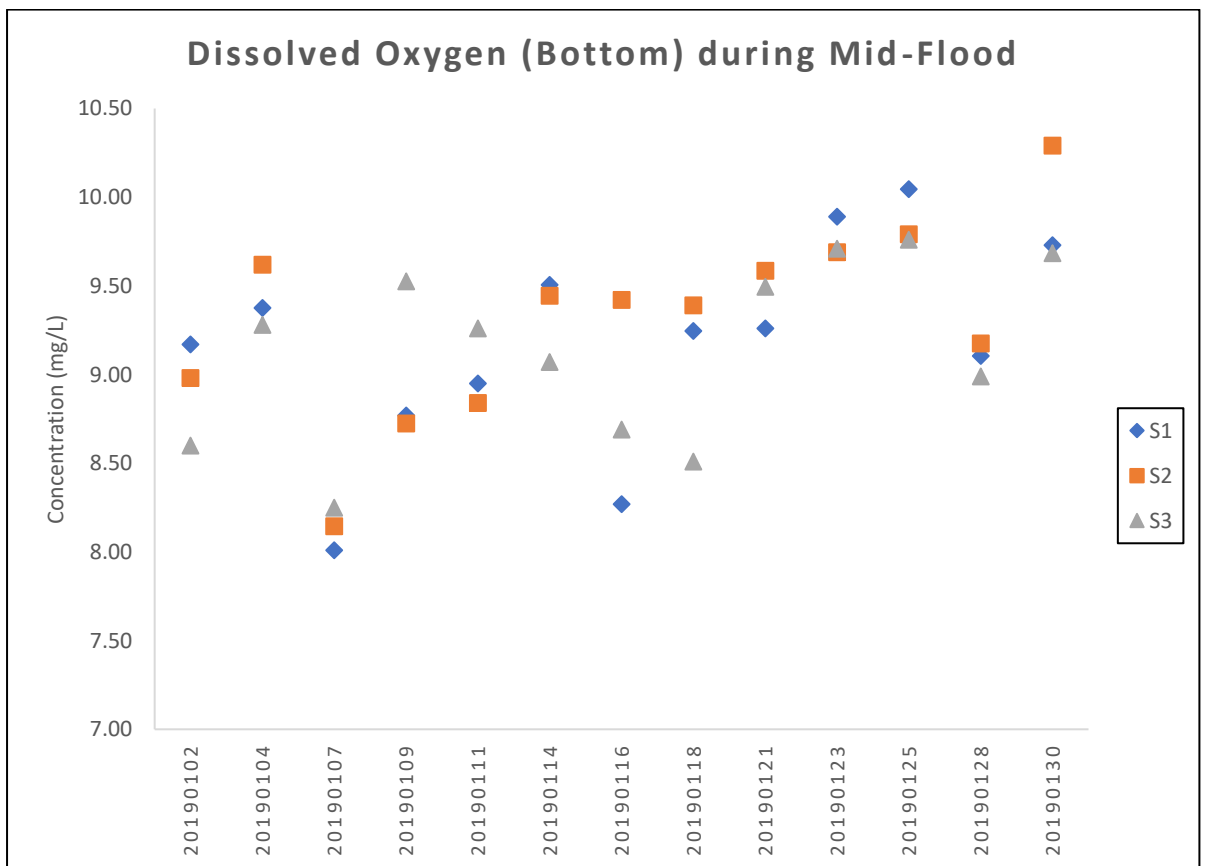
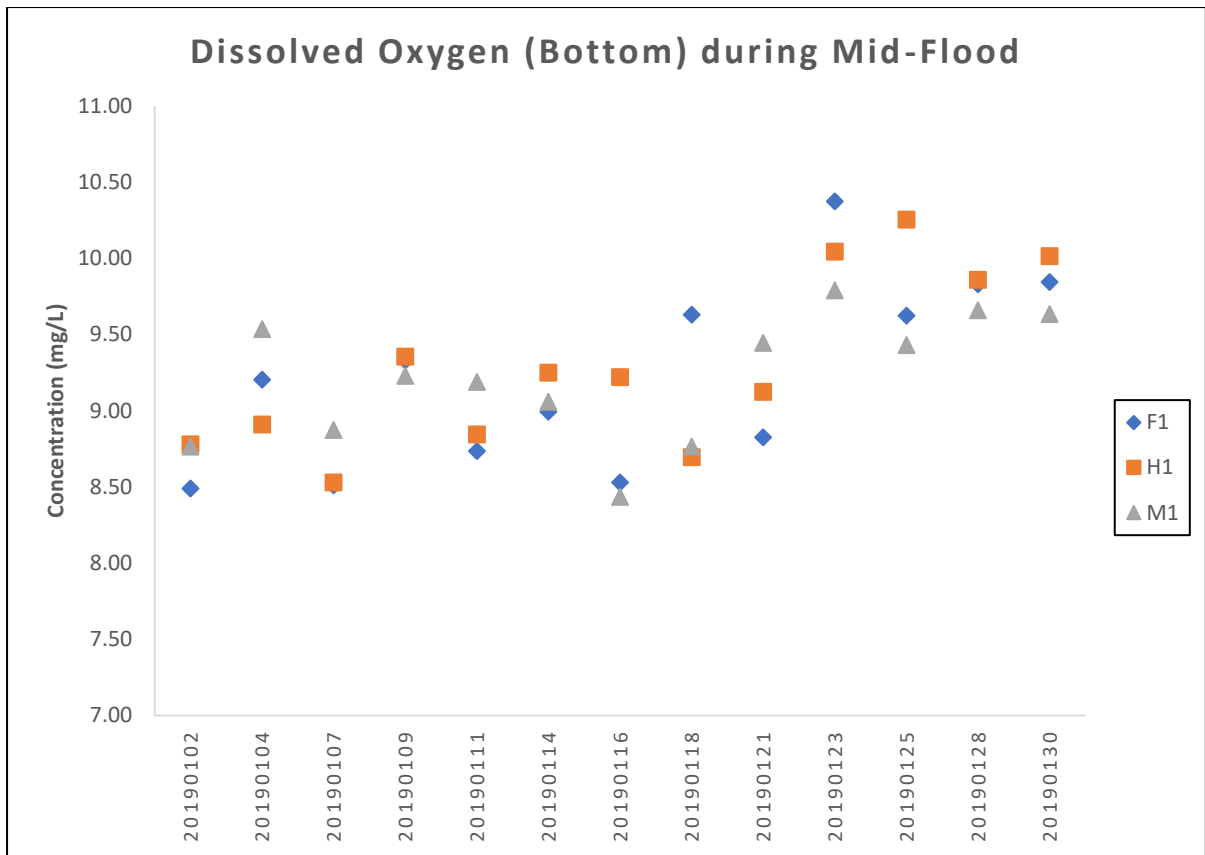


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

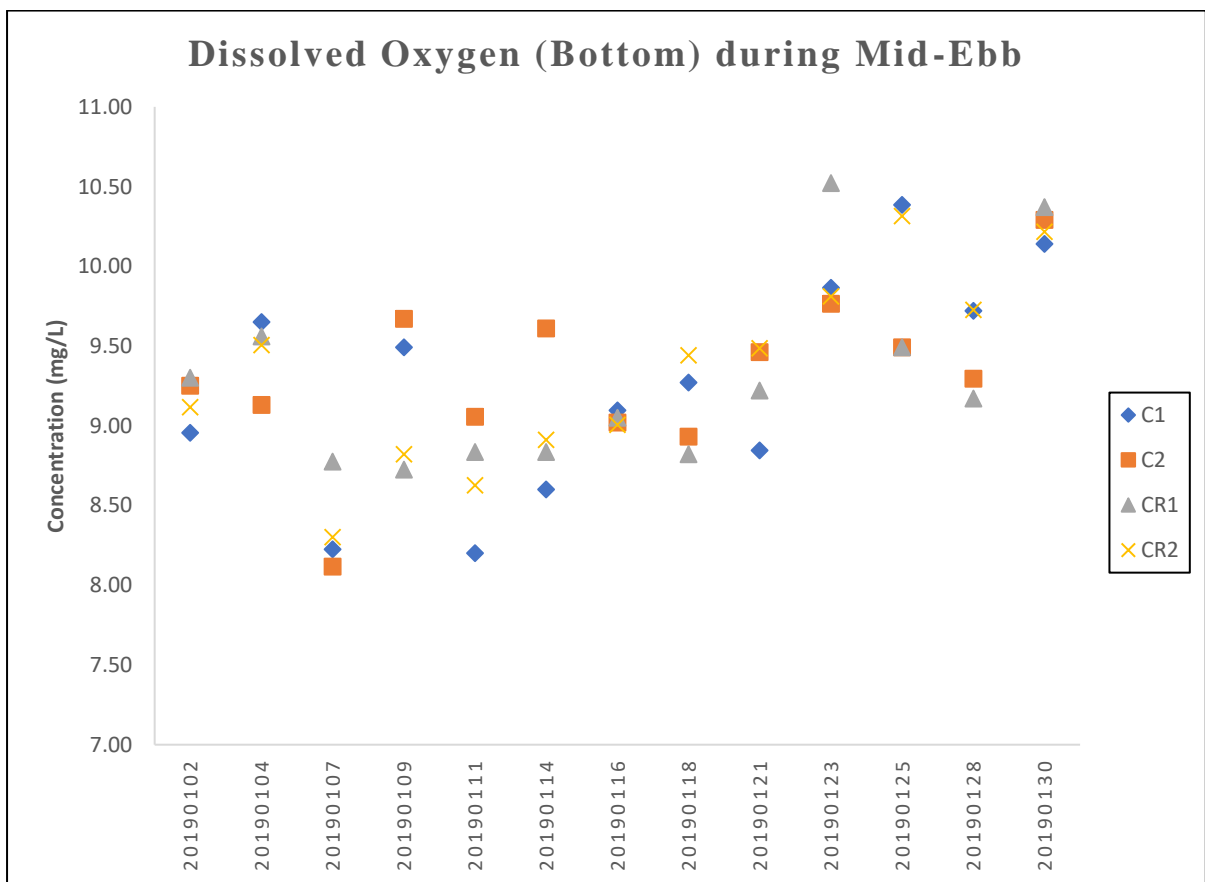
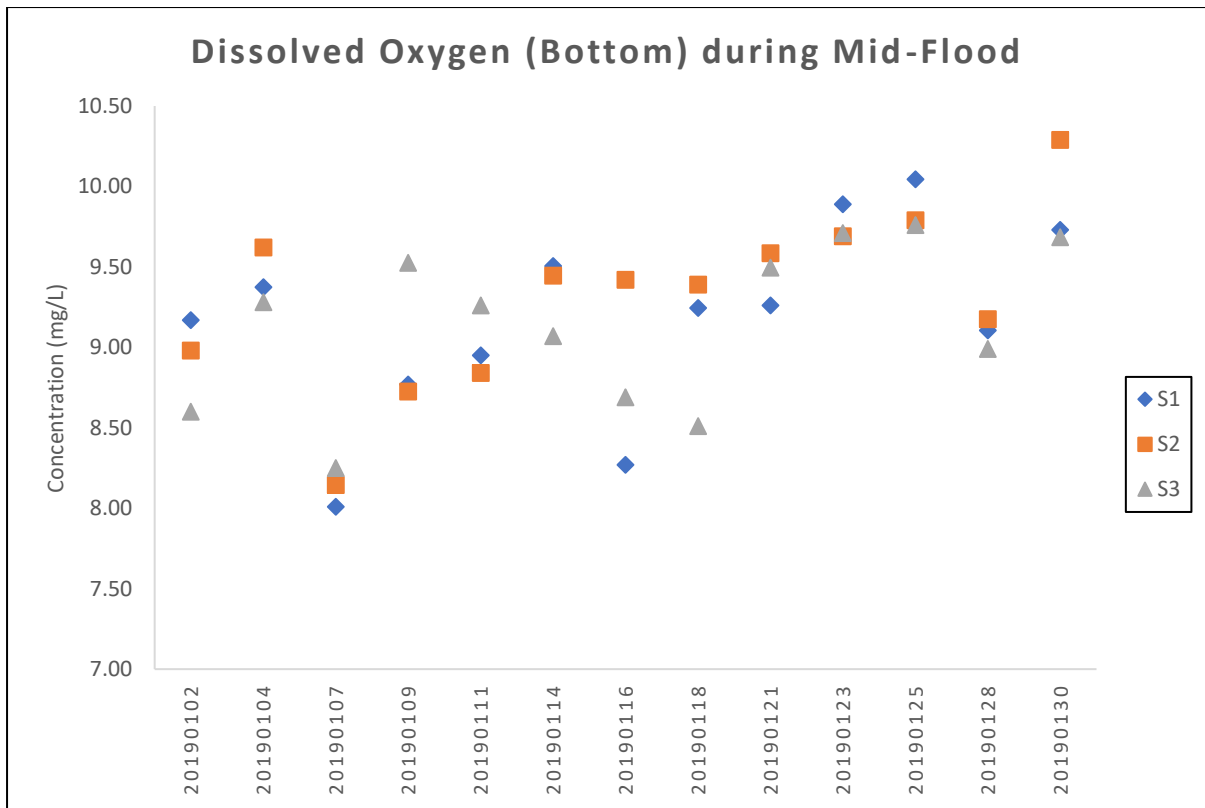


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

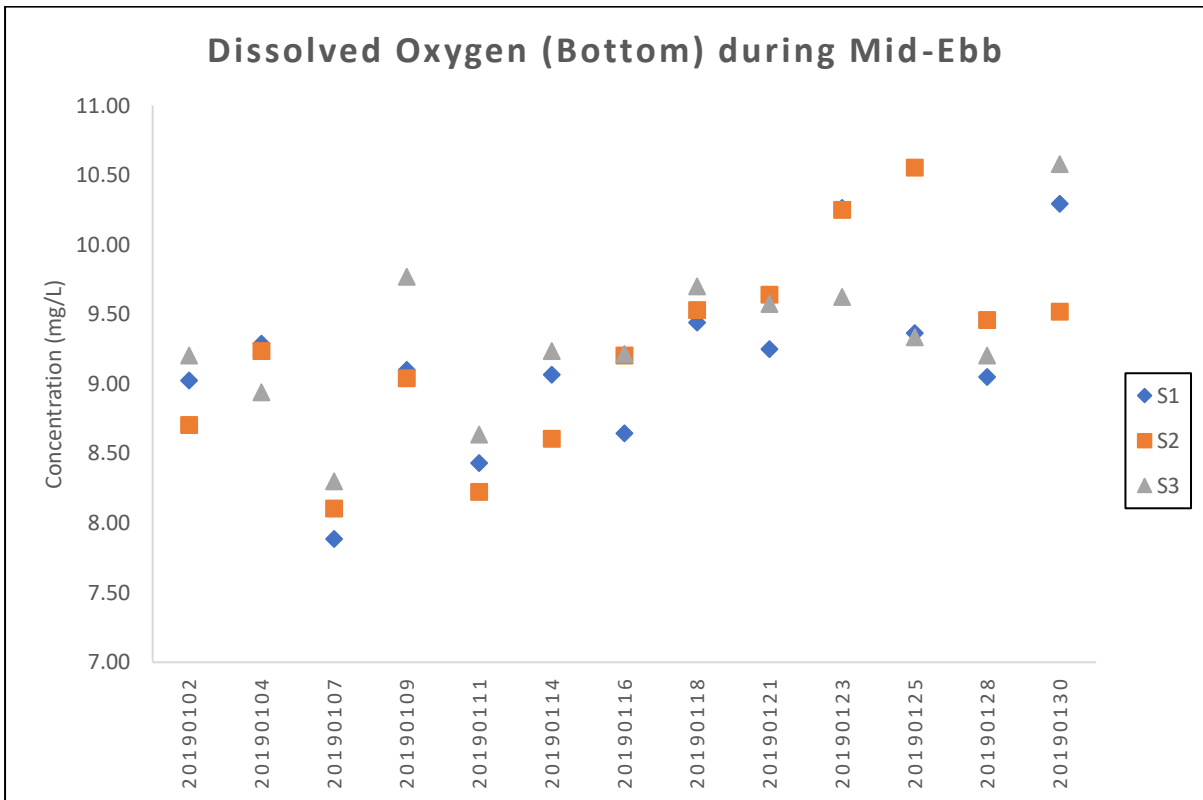
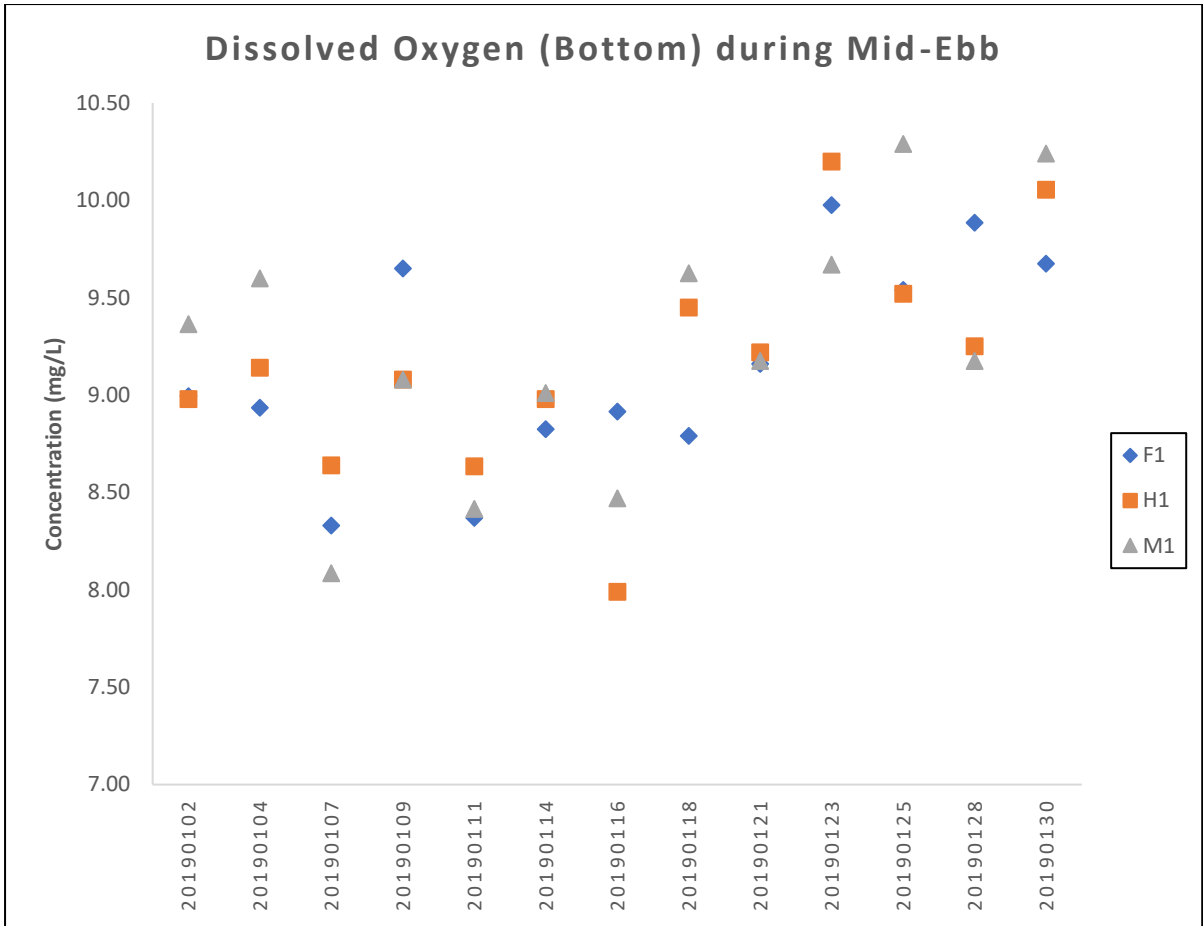




Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

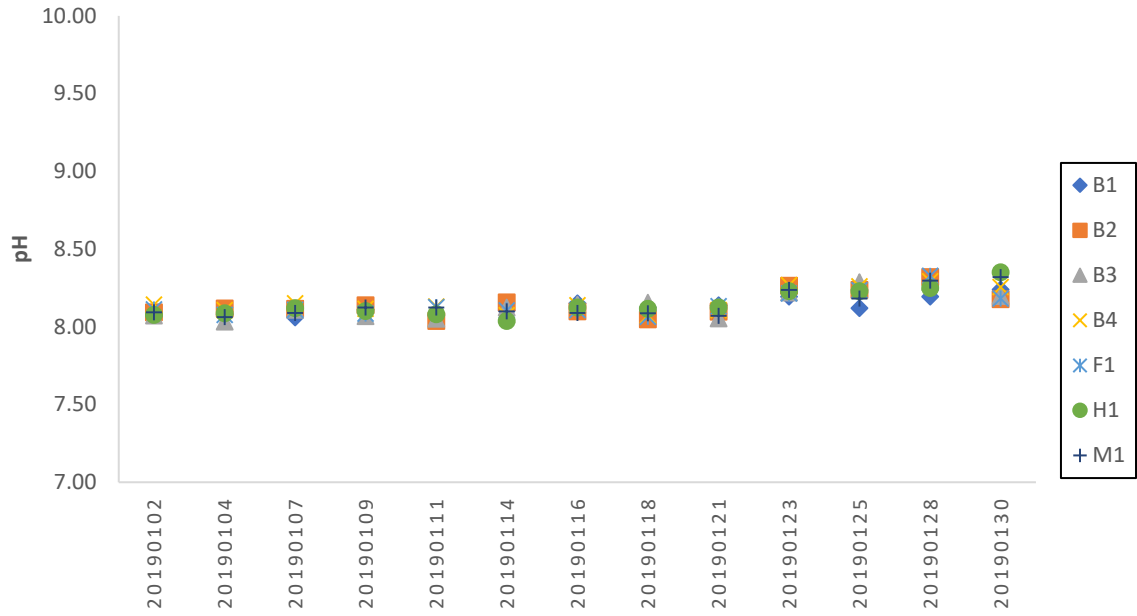


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

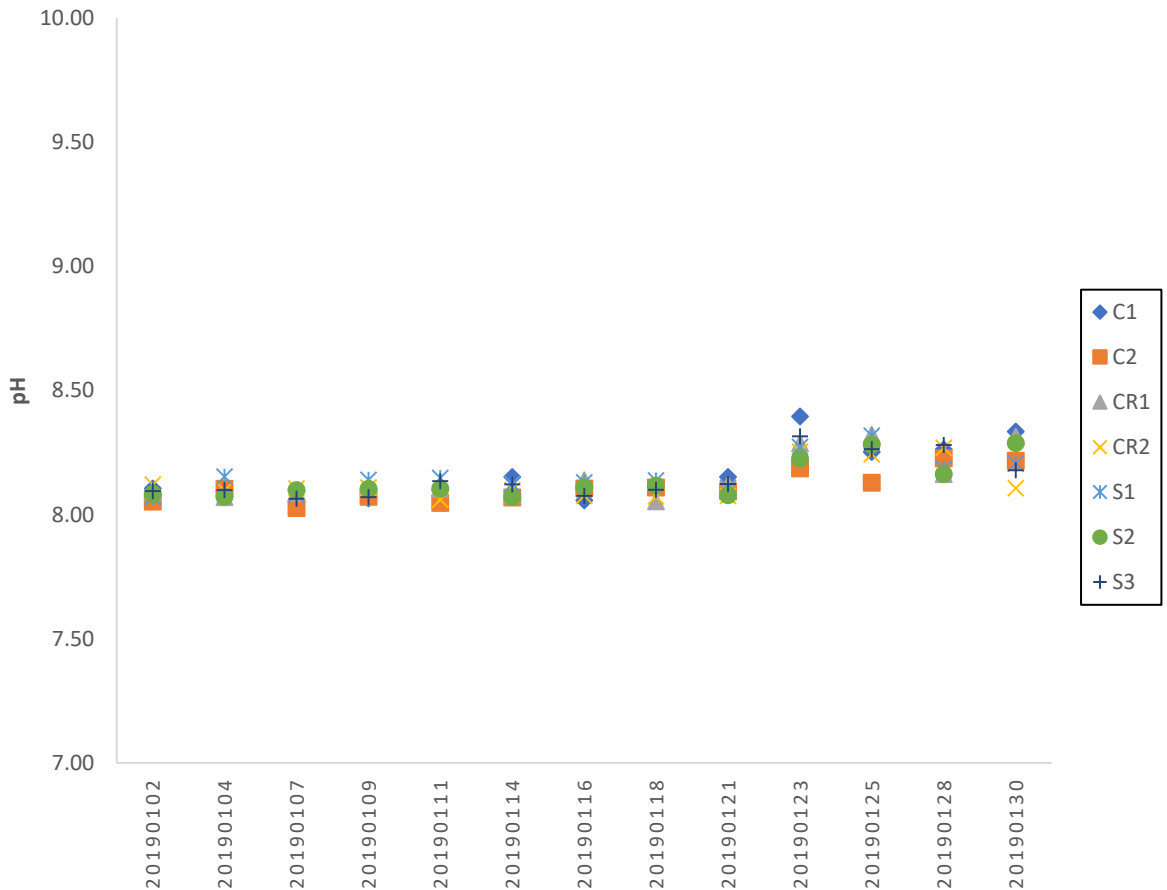


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

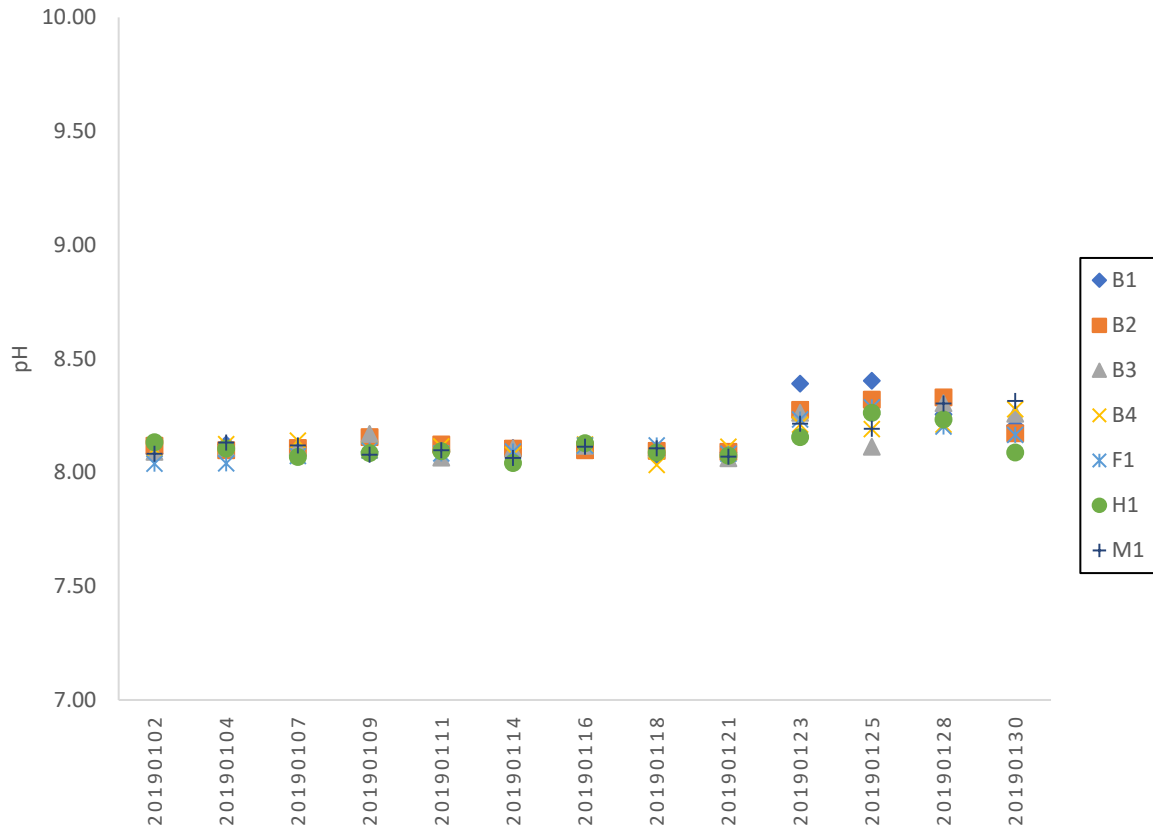
### pH (Depth-Averaged) during Mid-Flood



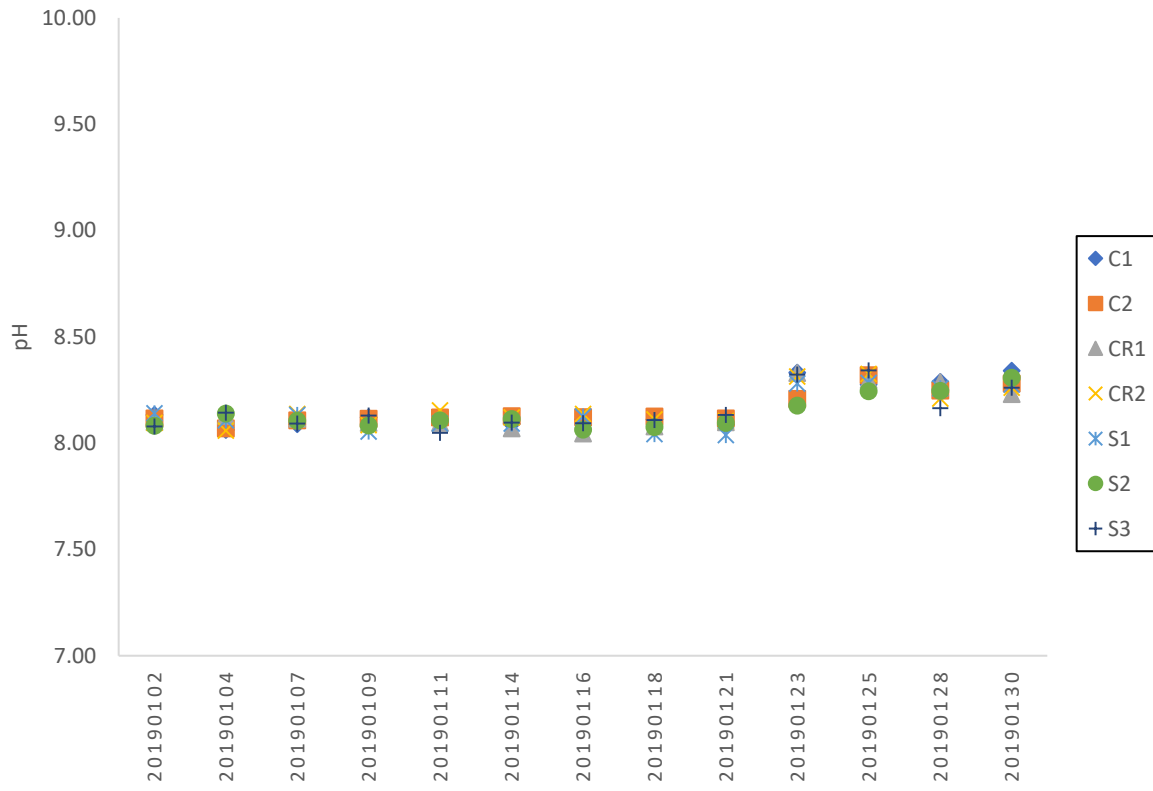
### pH (Depth-Averaged) during Mid-Flood

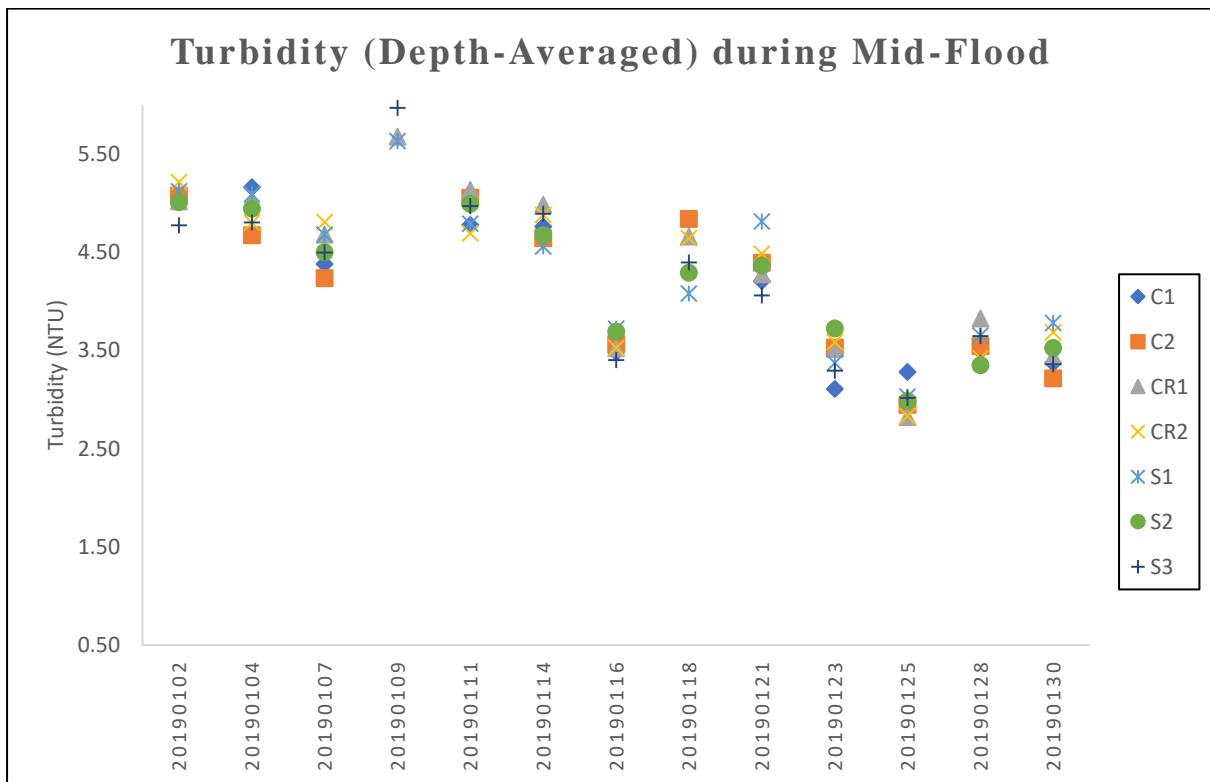
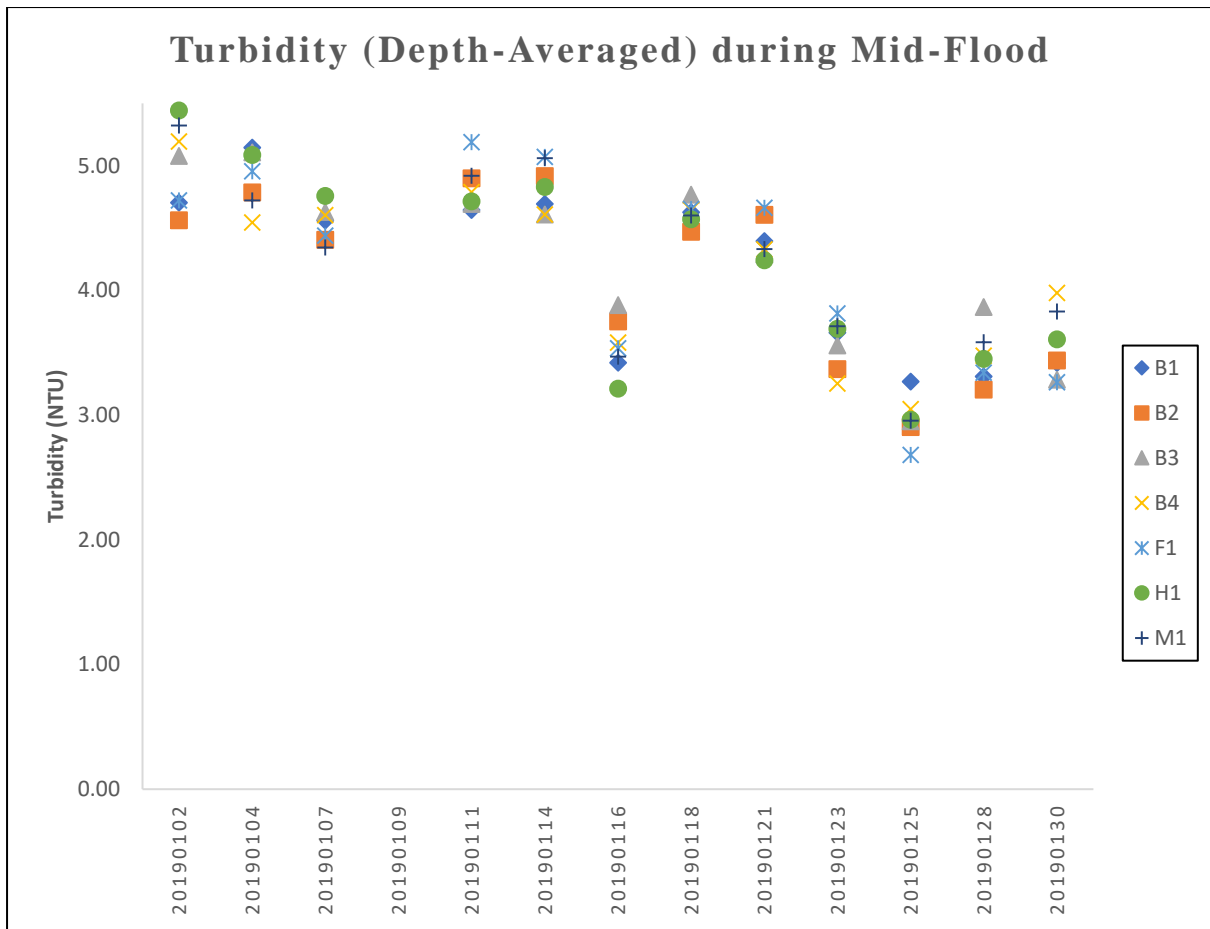


### pH (Depth-Averaged) during Mid-Ebb

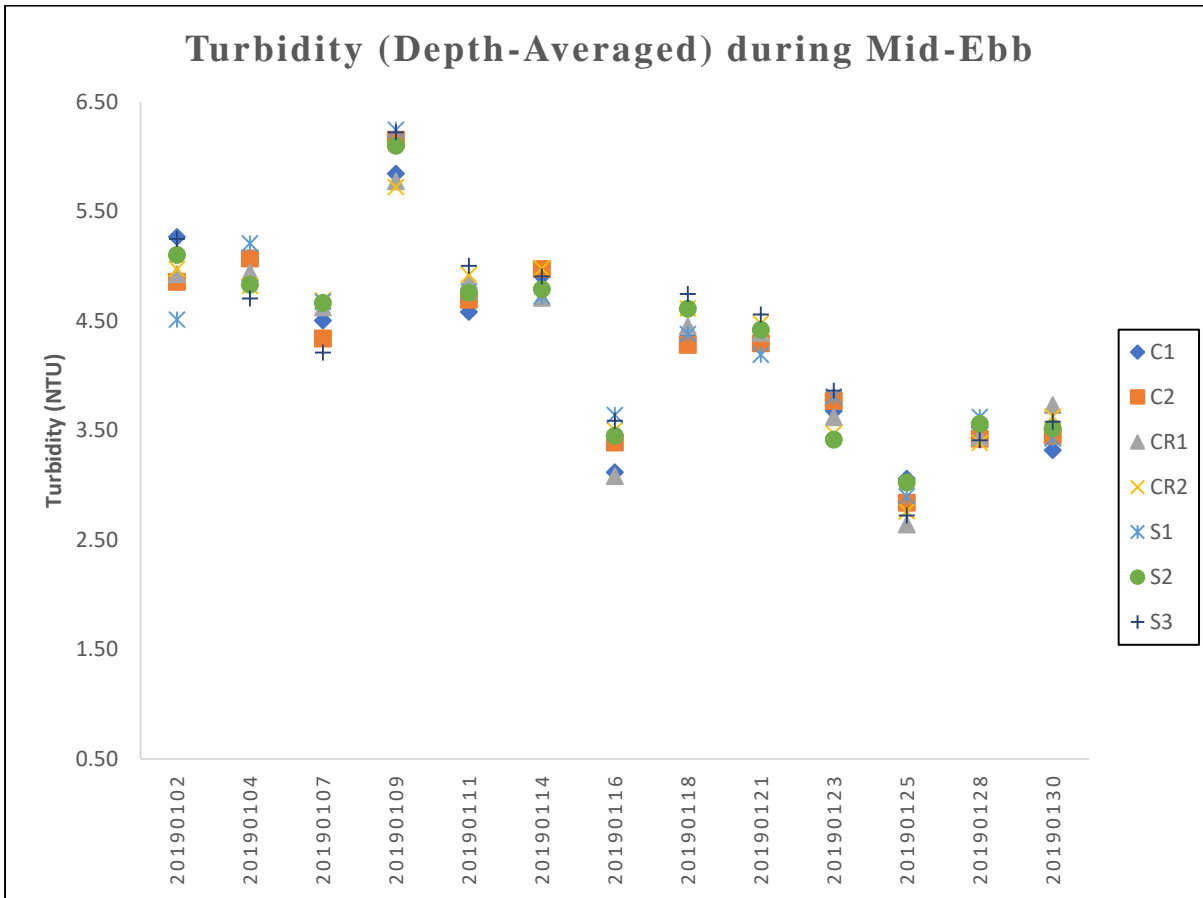
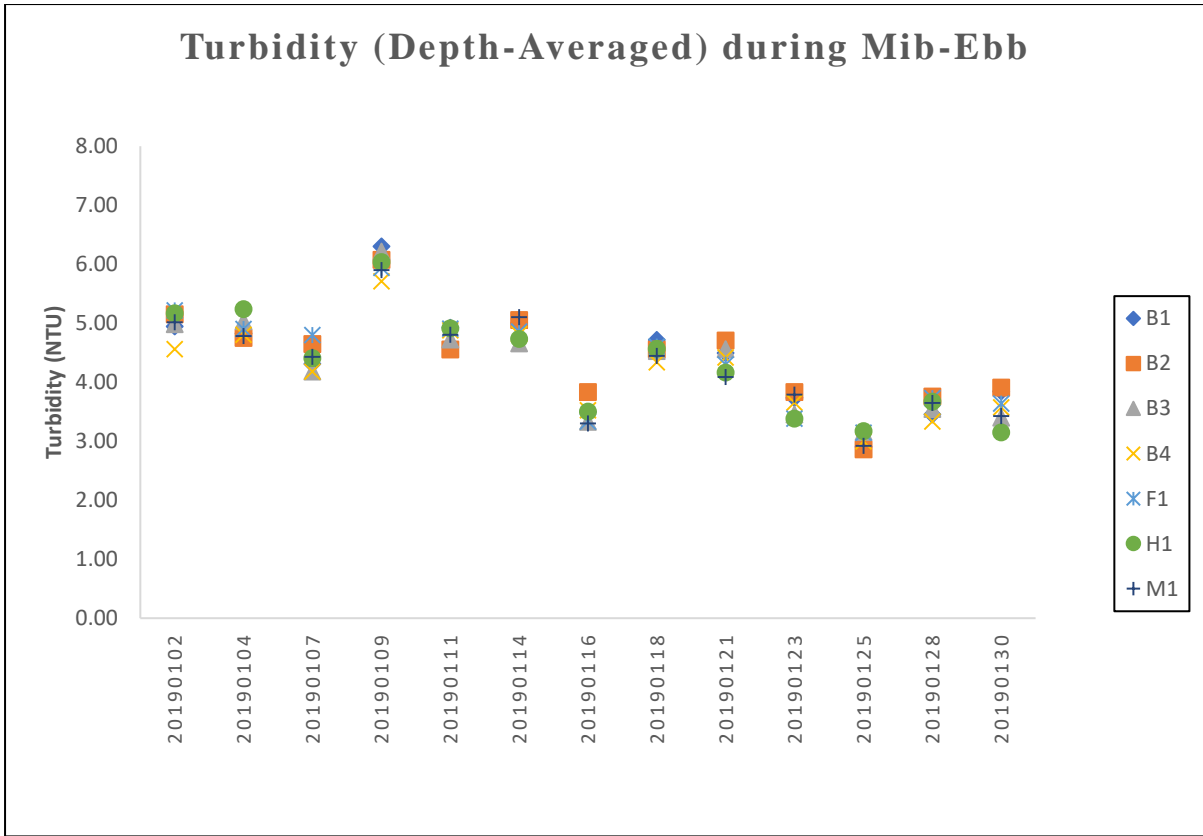


### pH (Depth-Averaged) during Mid-Ebb

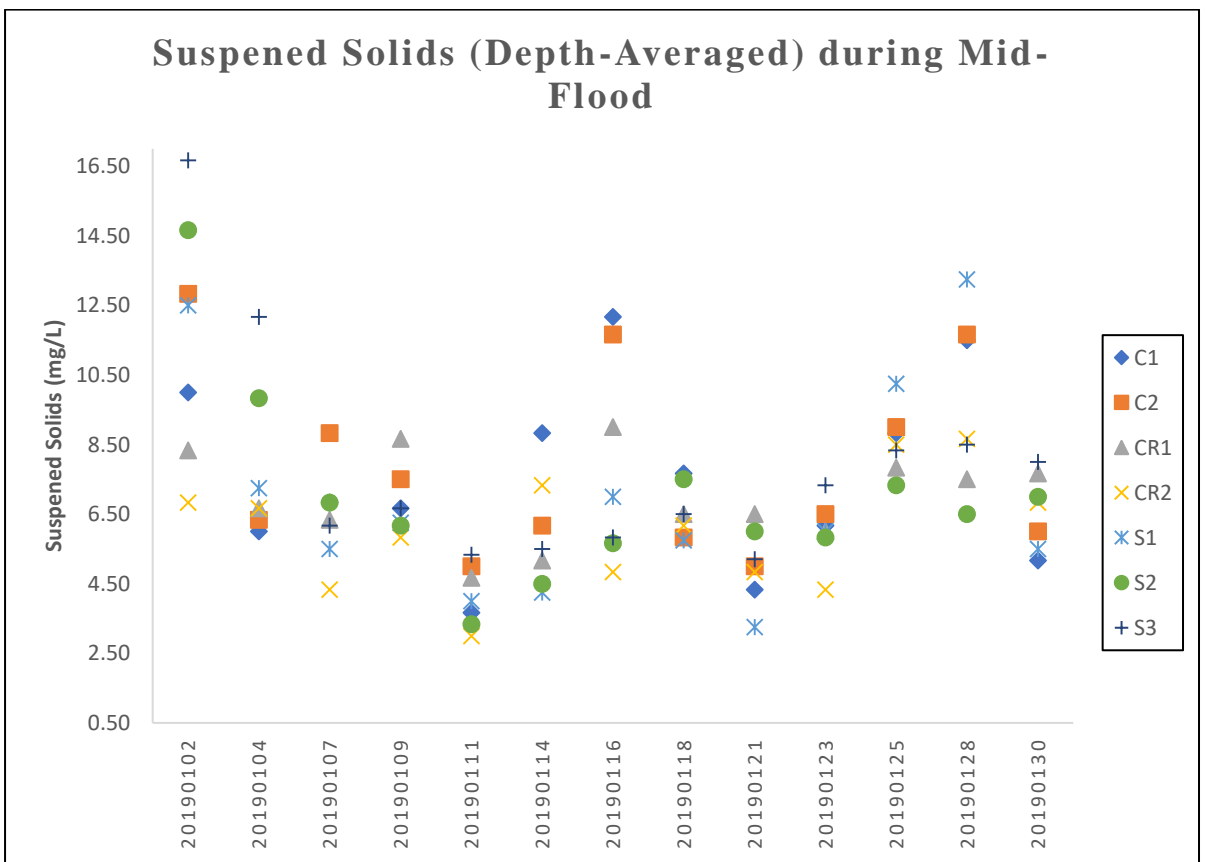
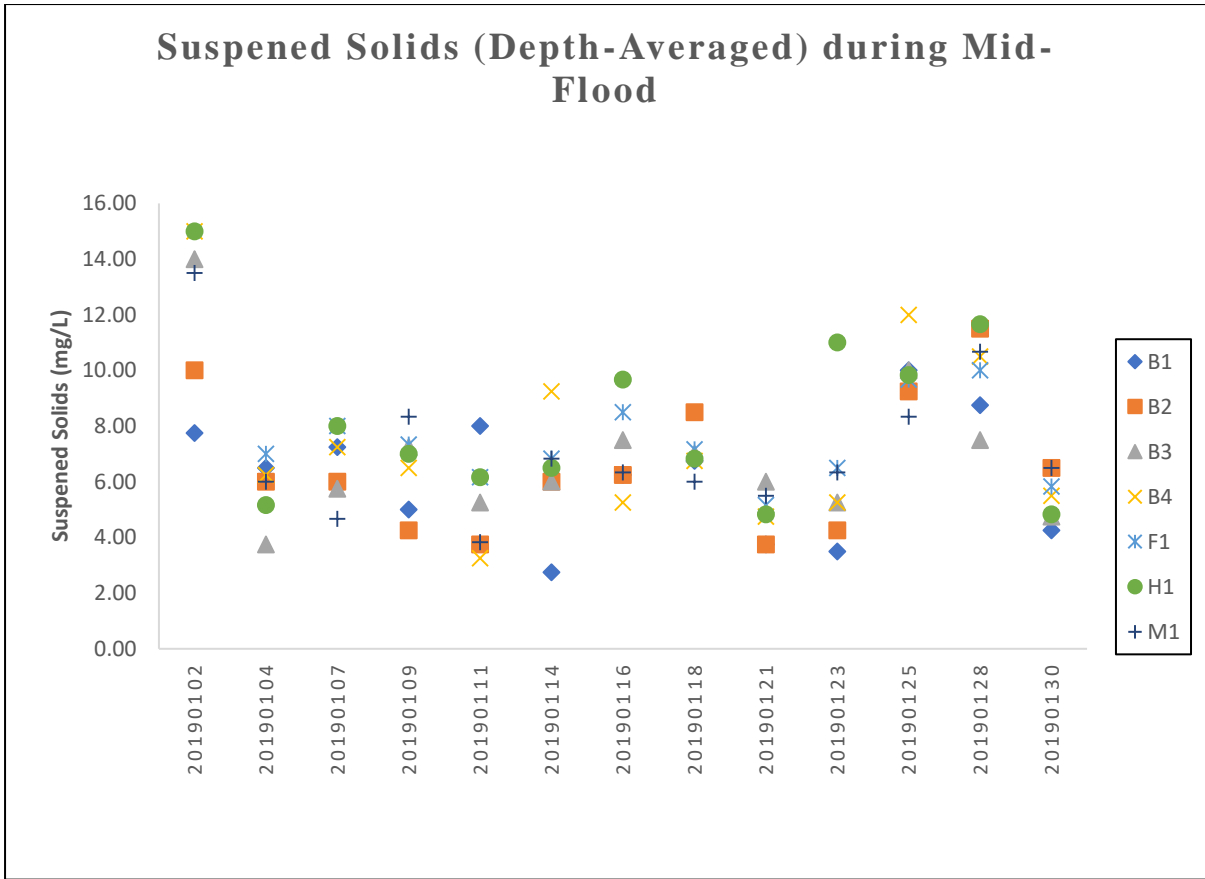




Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.

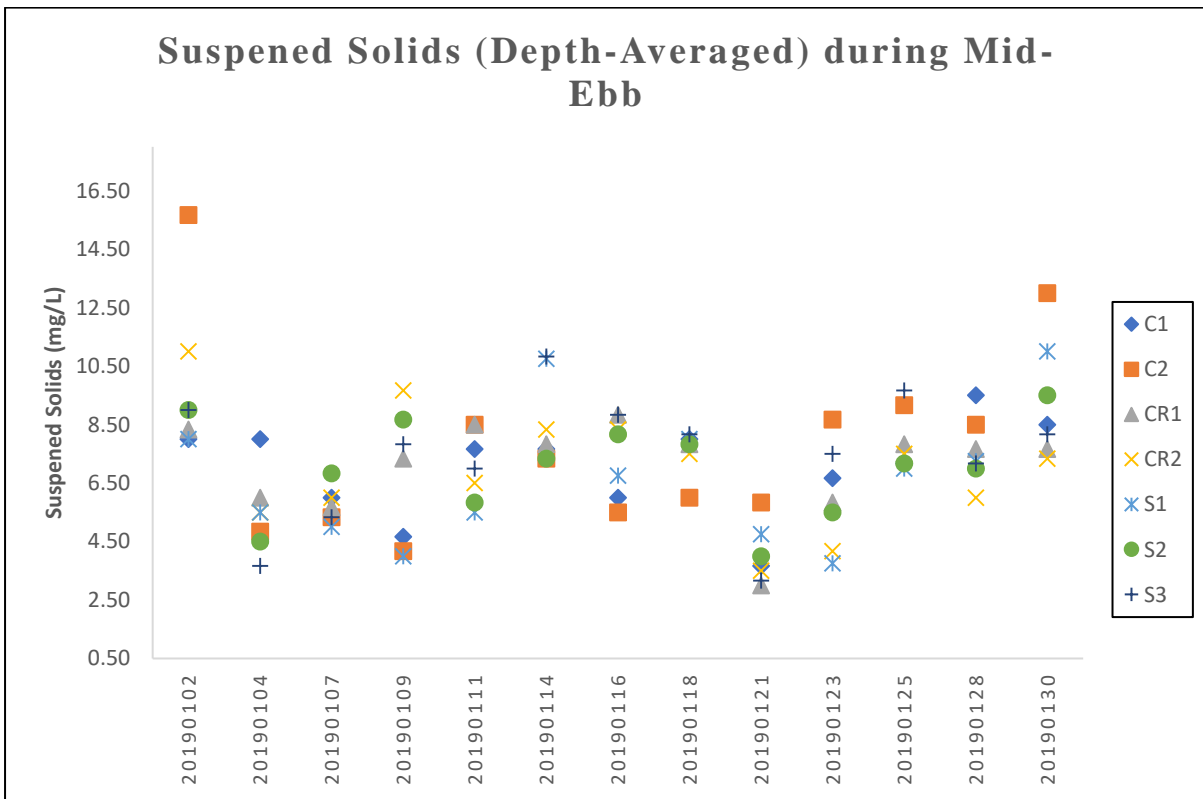
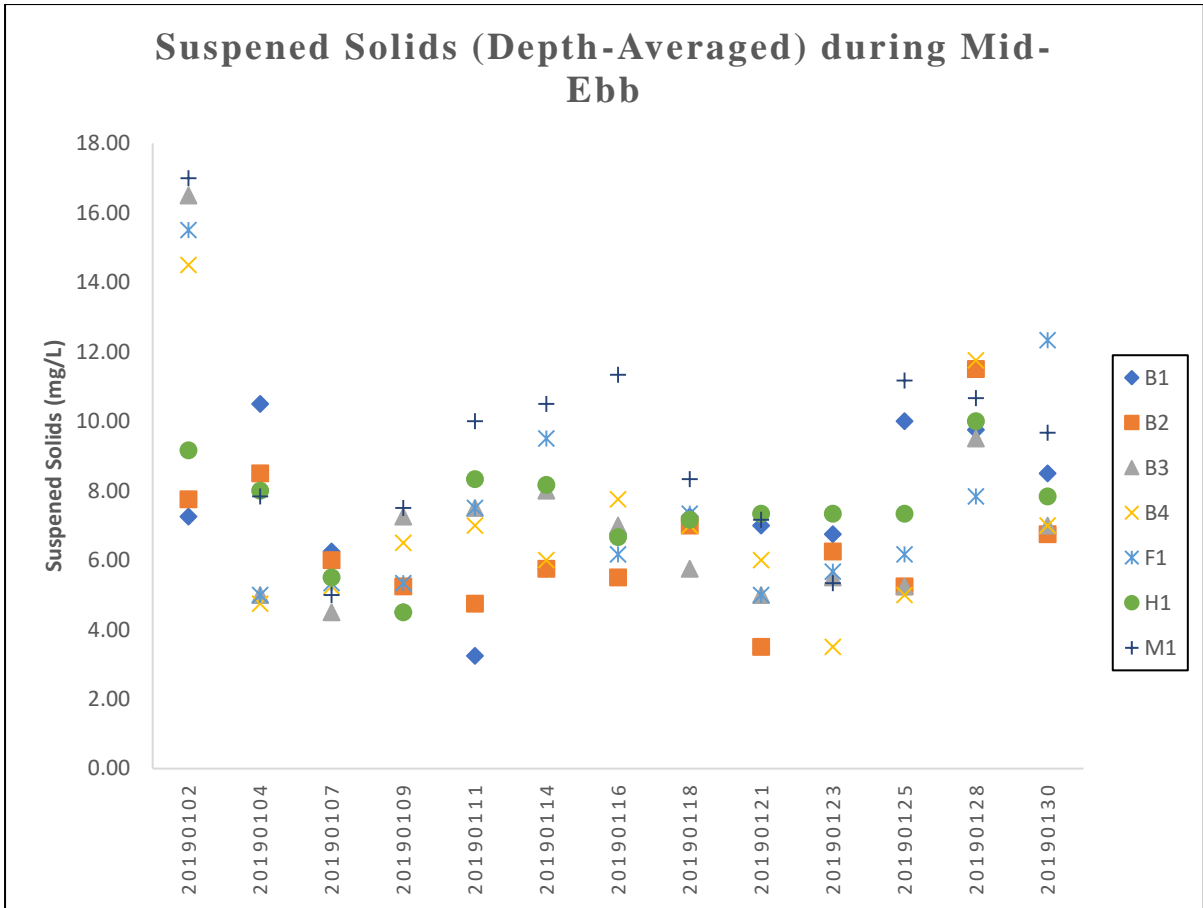


Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.

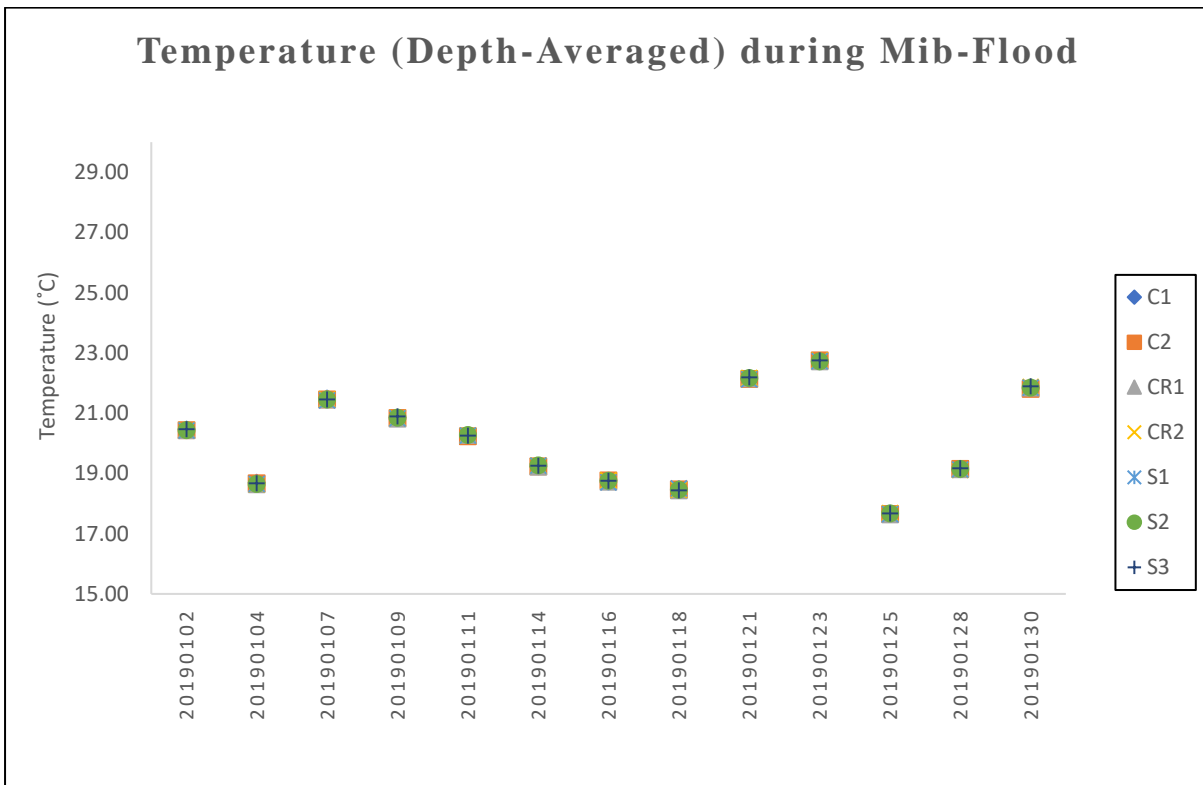
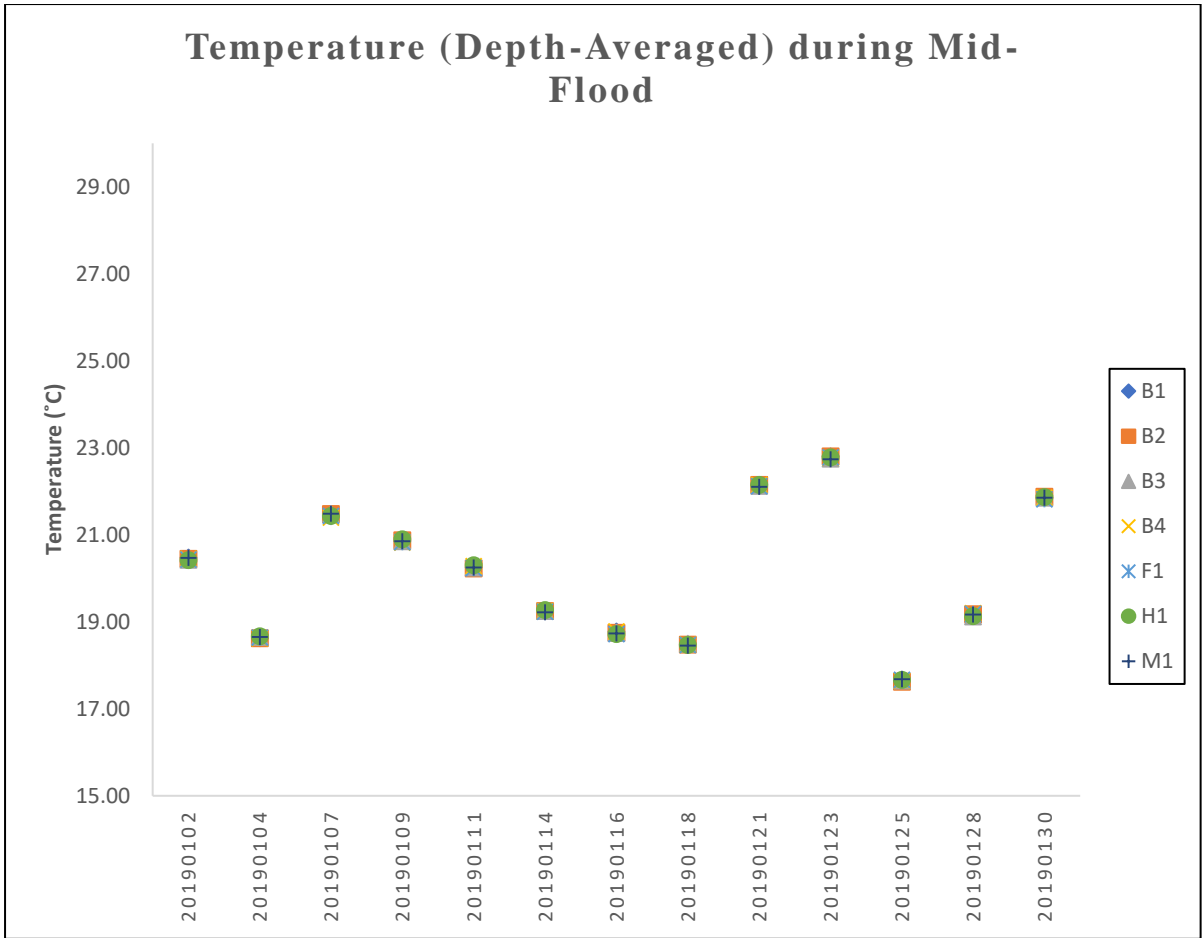


Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.

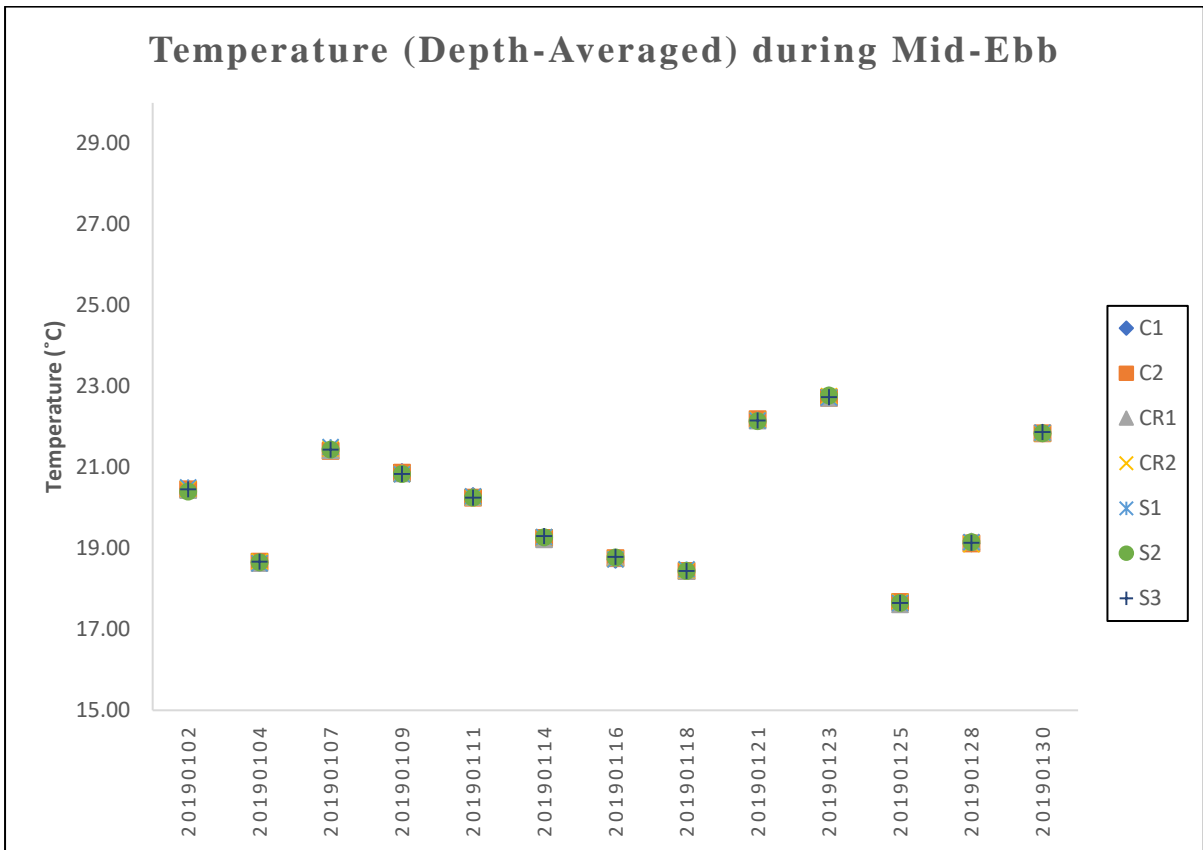
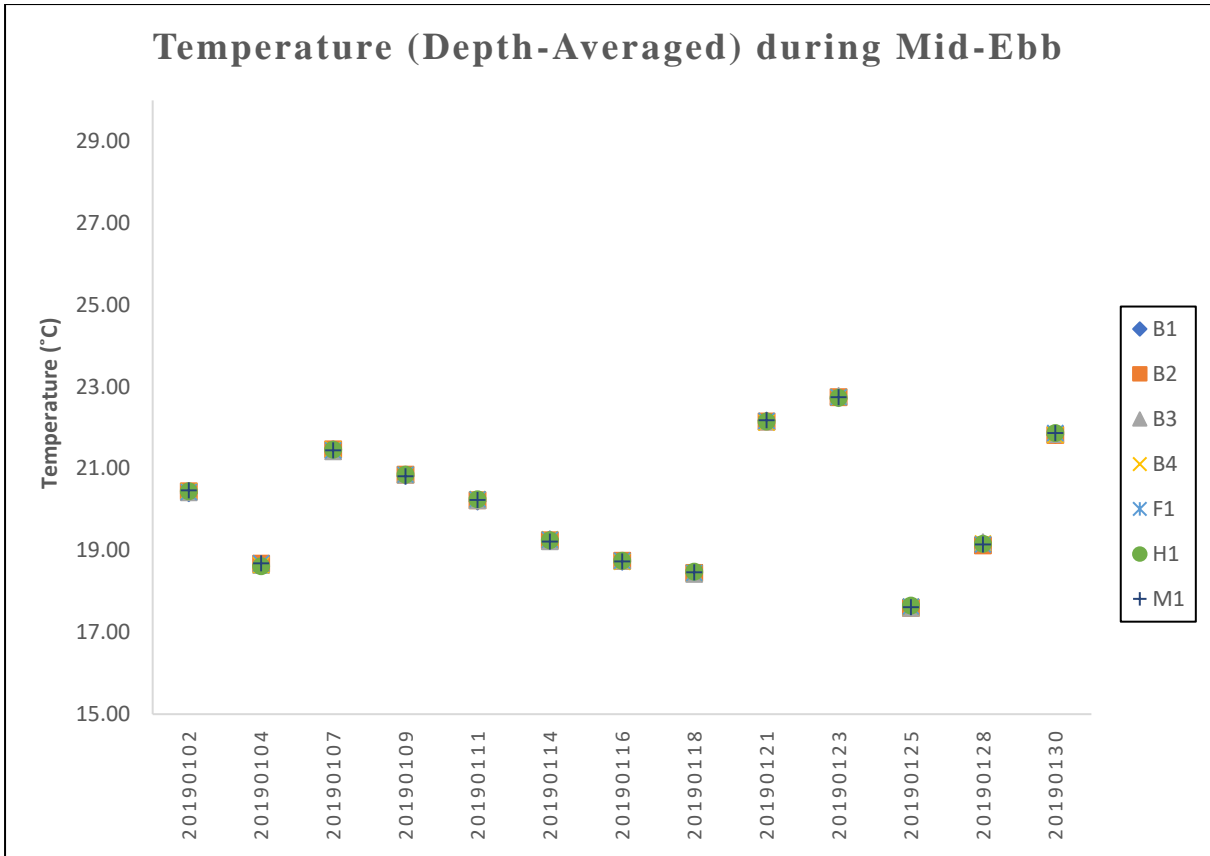




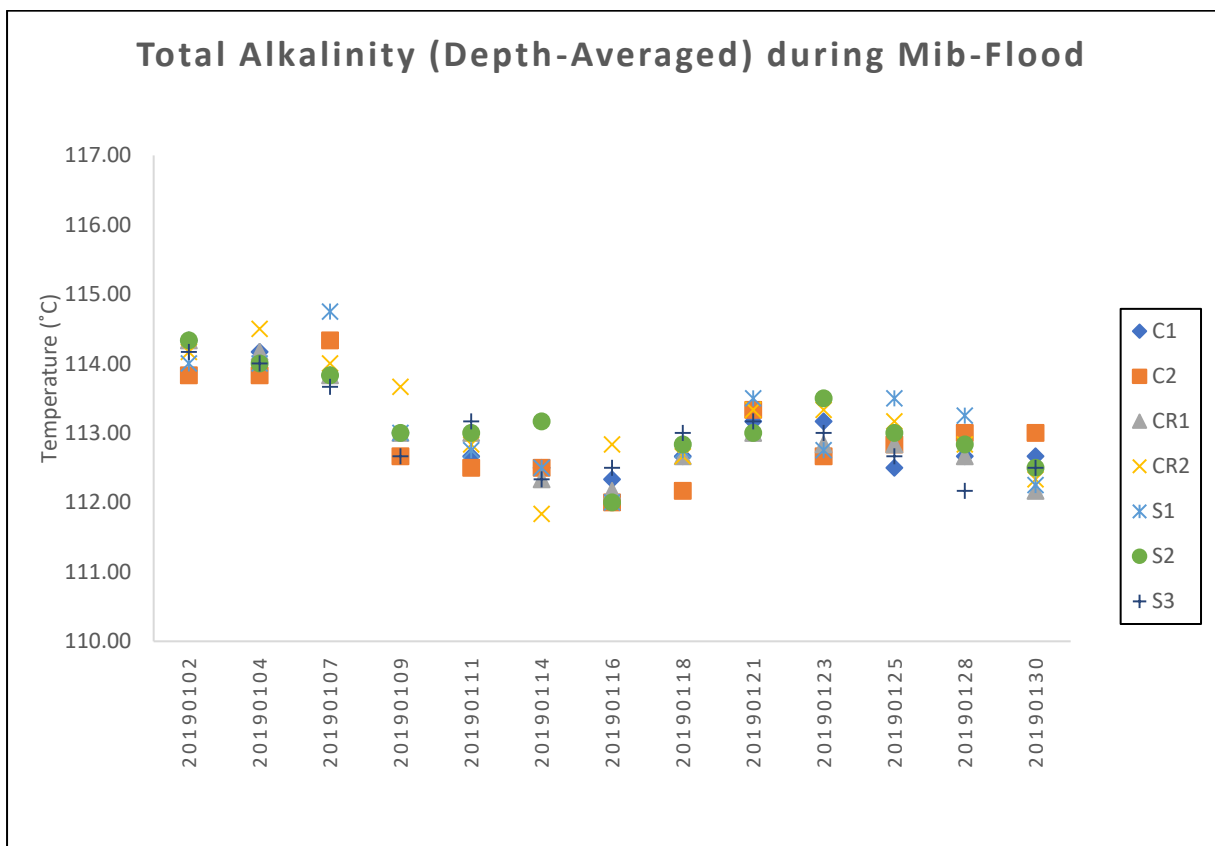
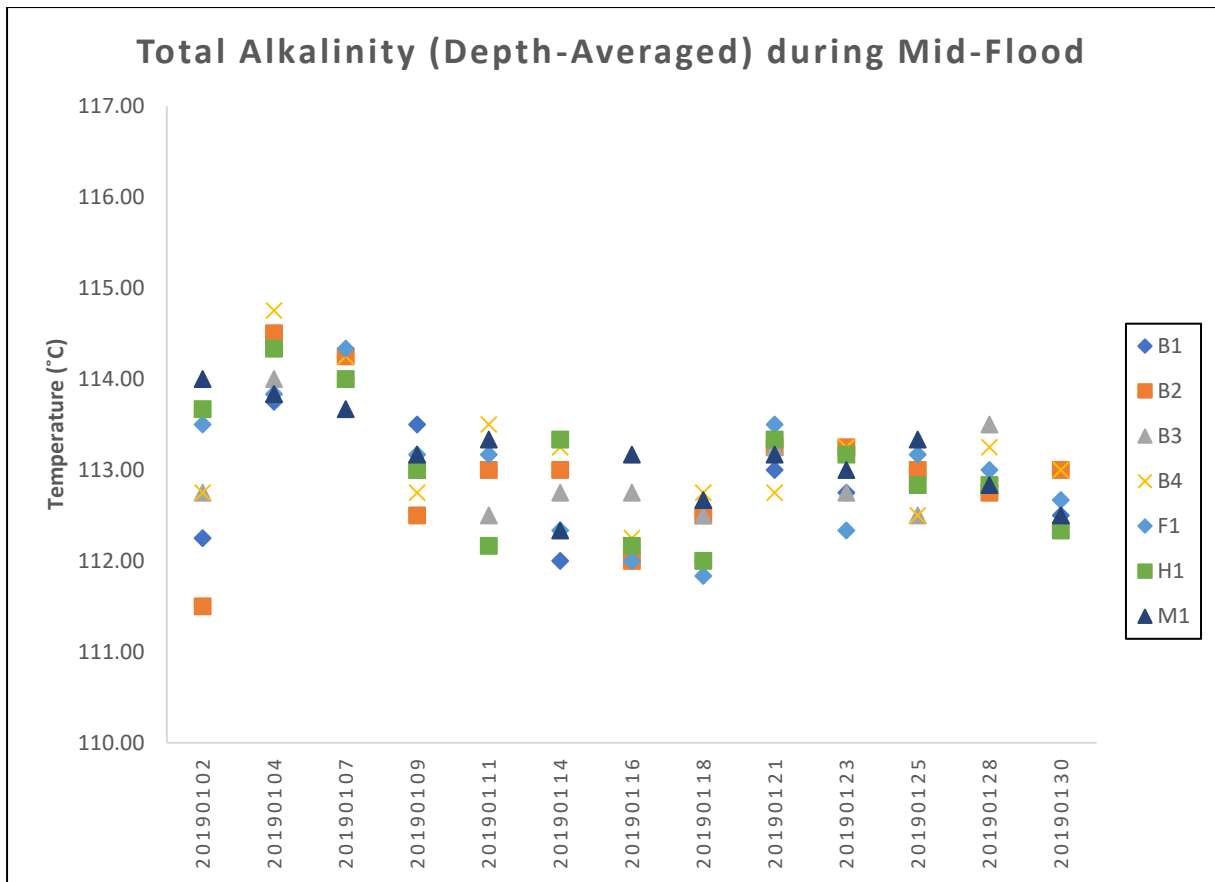
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



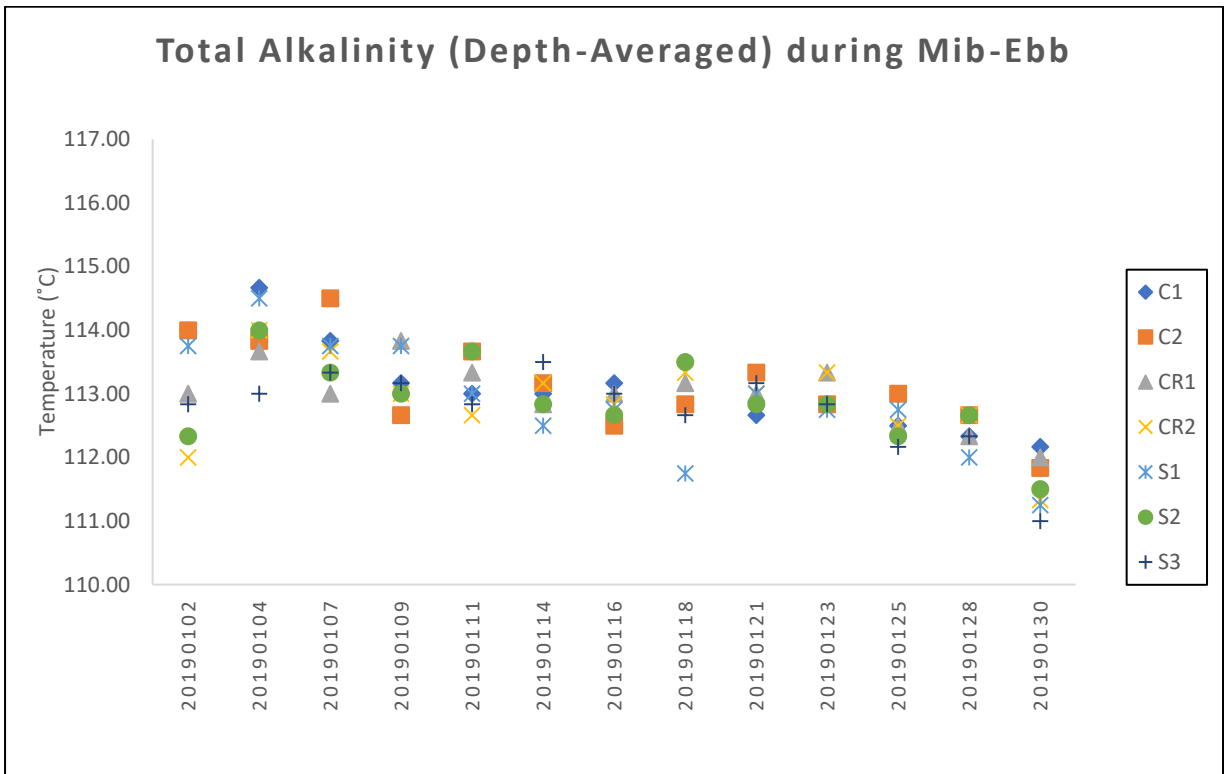
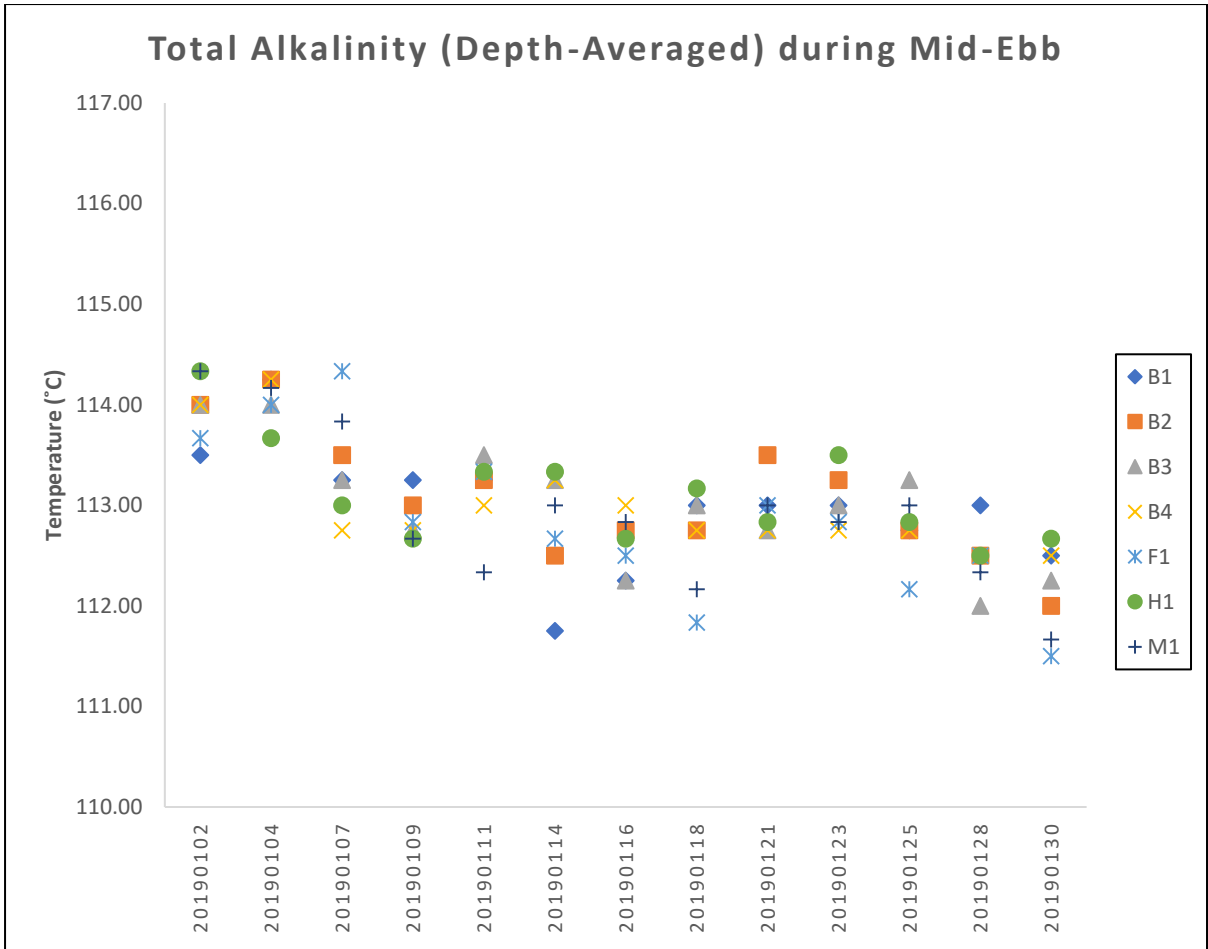
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



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



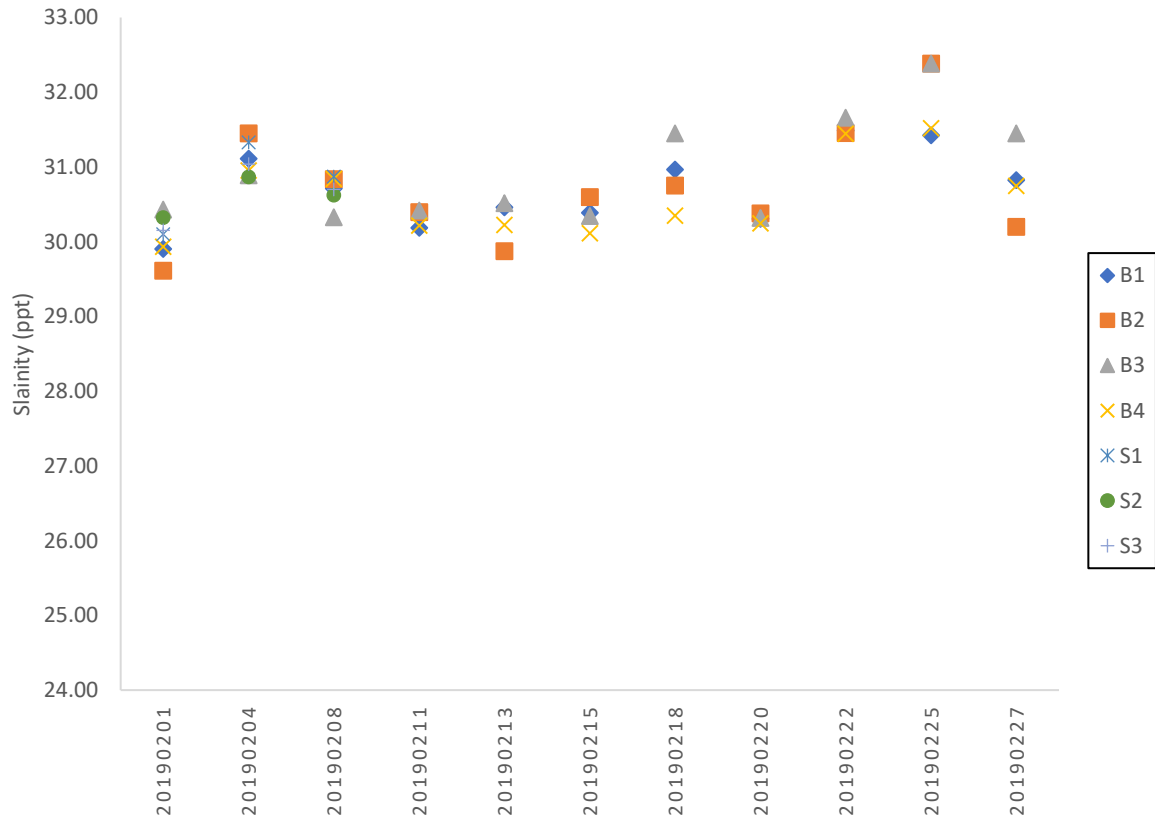
Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.



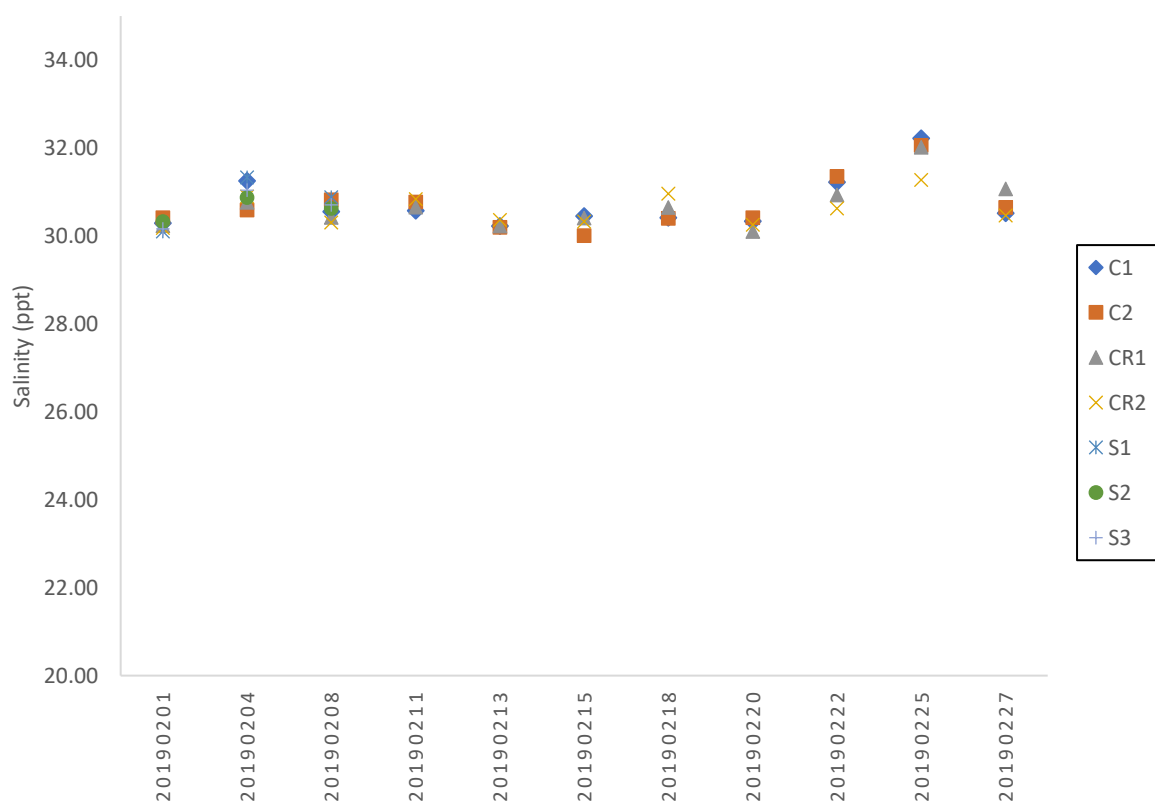
Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

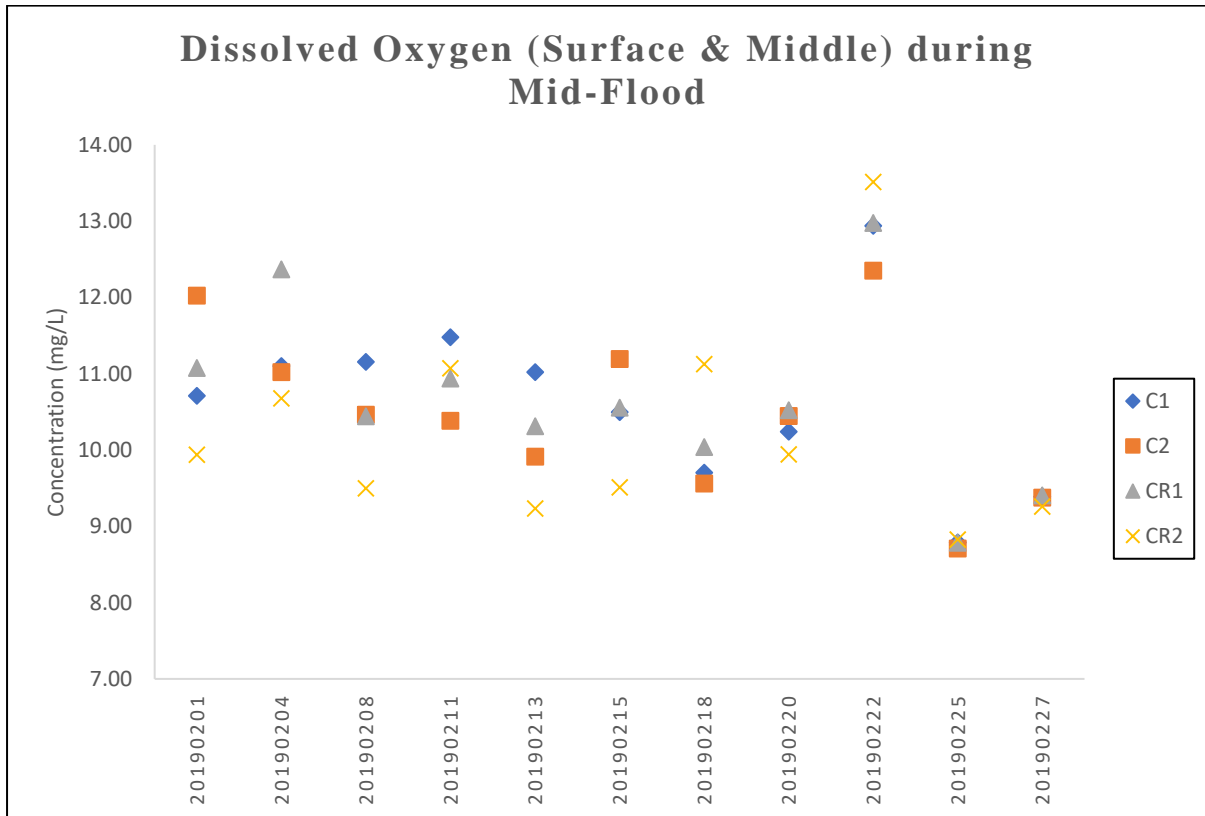
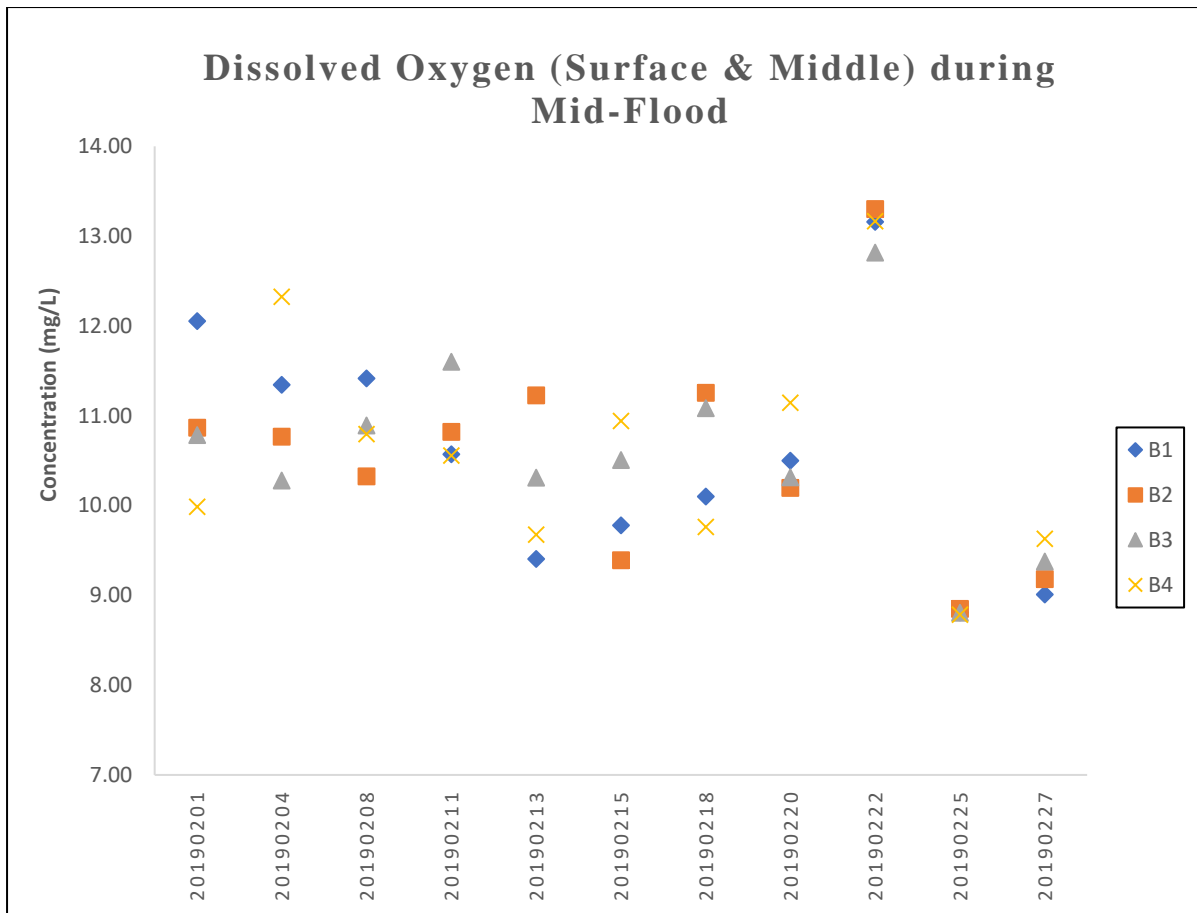


### Salinity (Depth-averaged) during Mid-Ebb



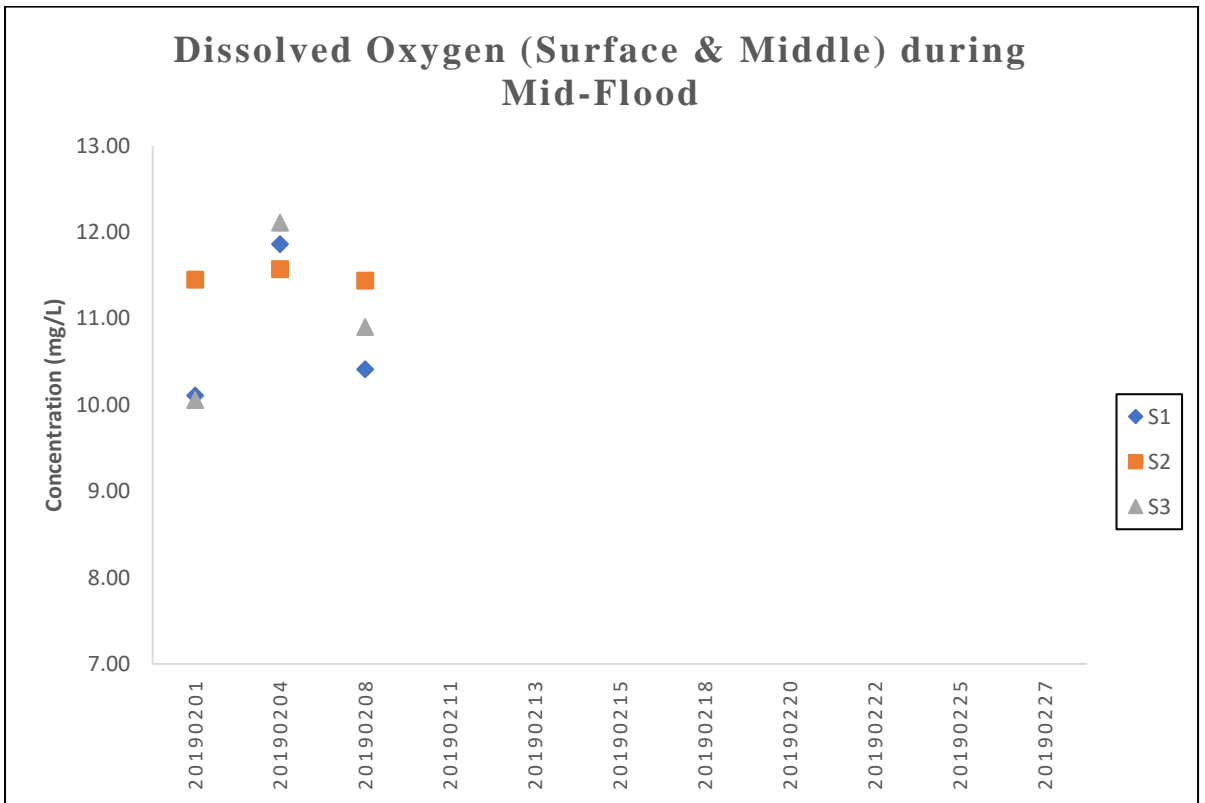
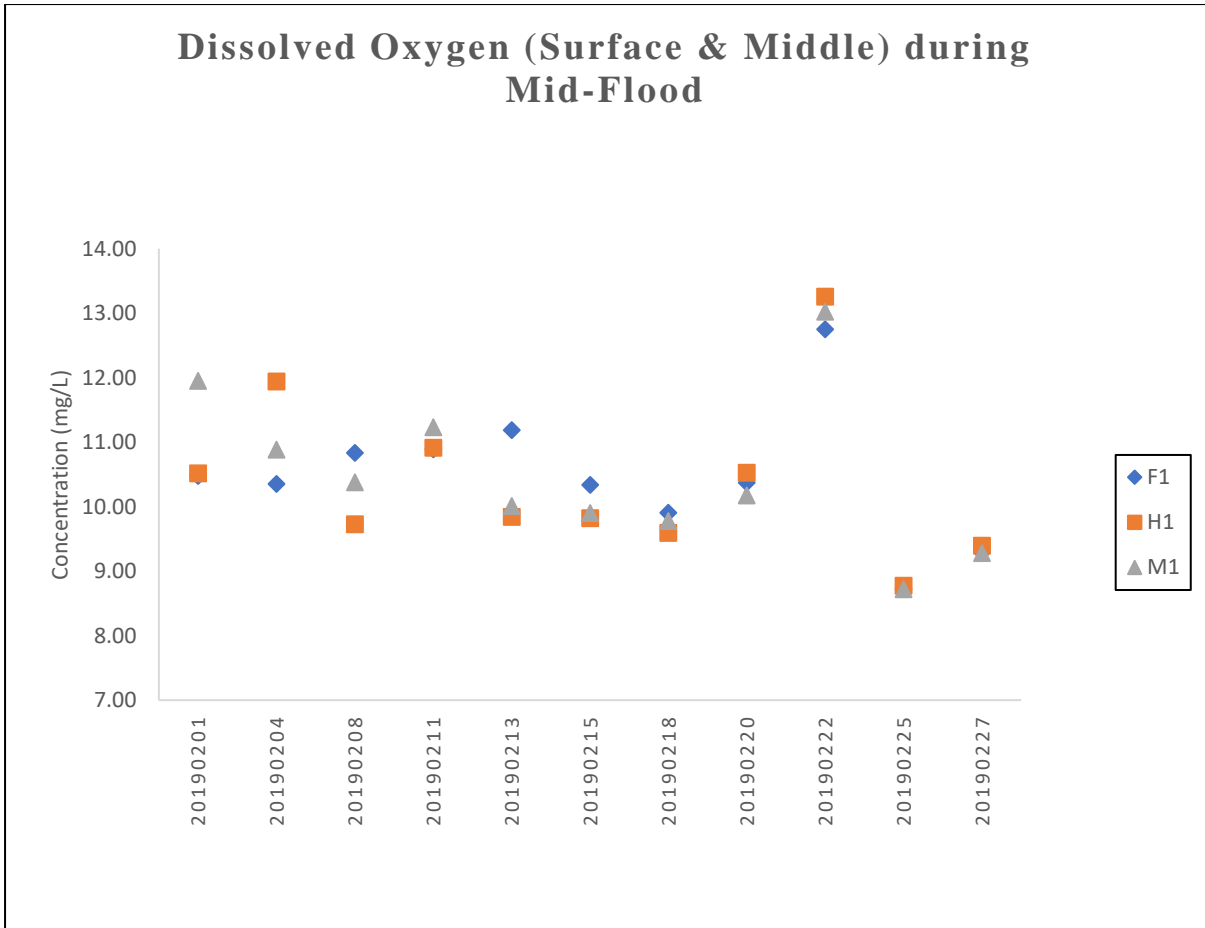
### Salinity (Depth-averaged) during Mid-Ebb



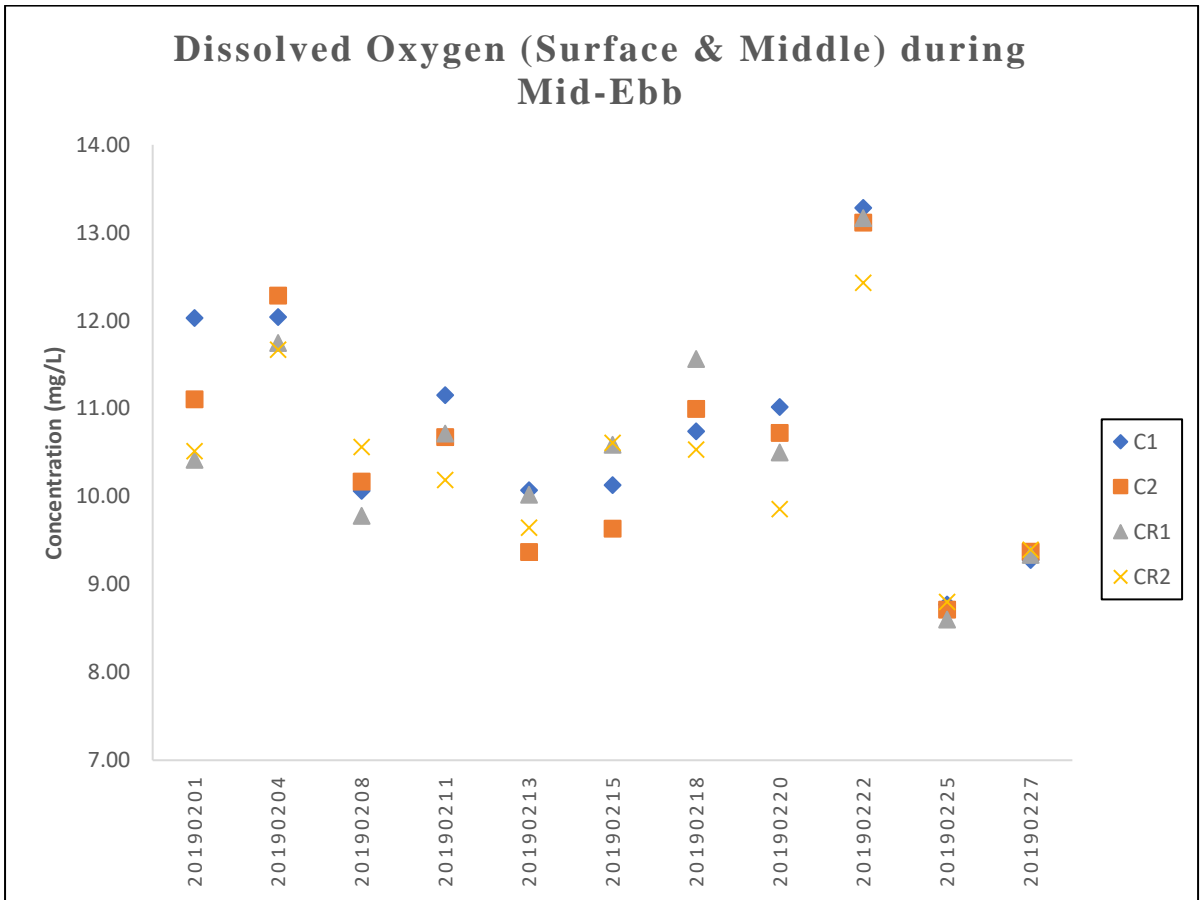
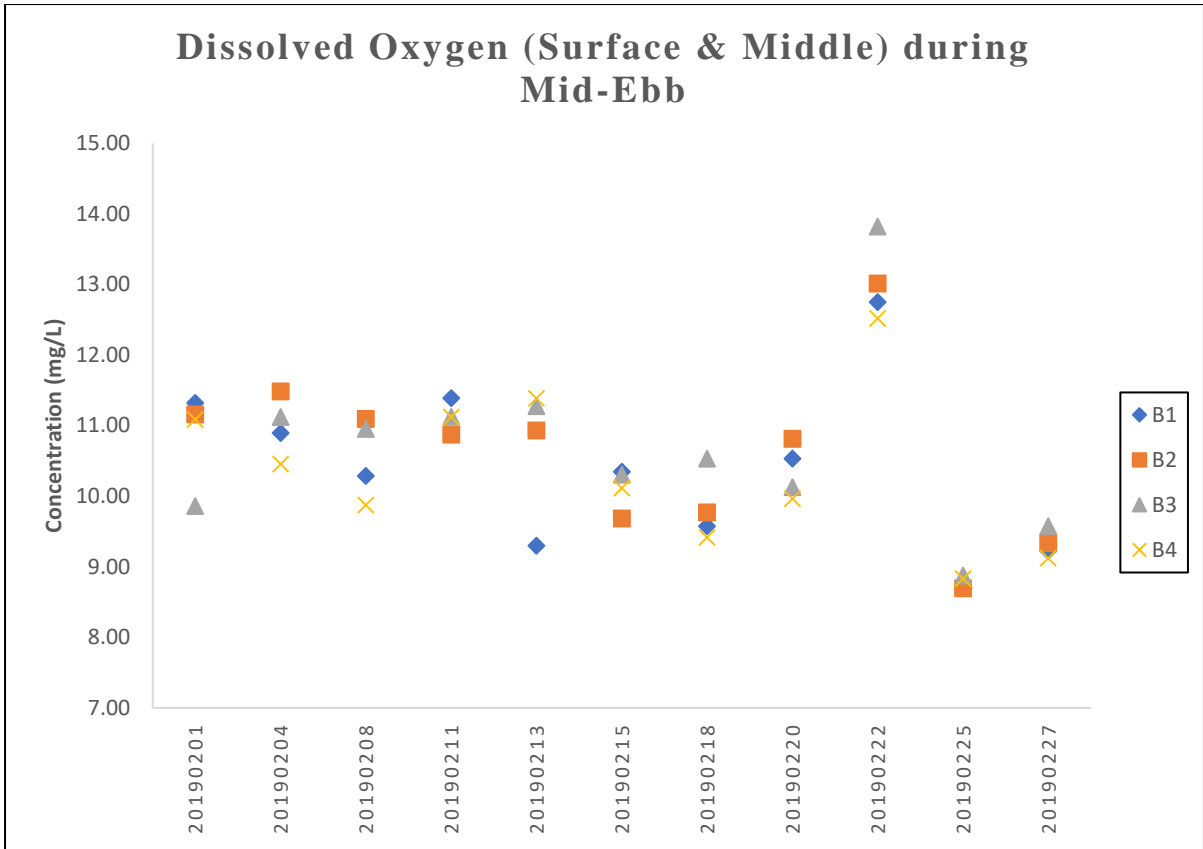


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

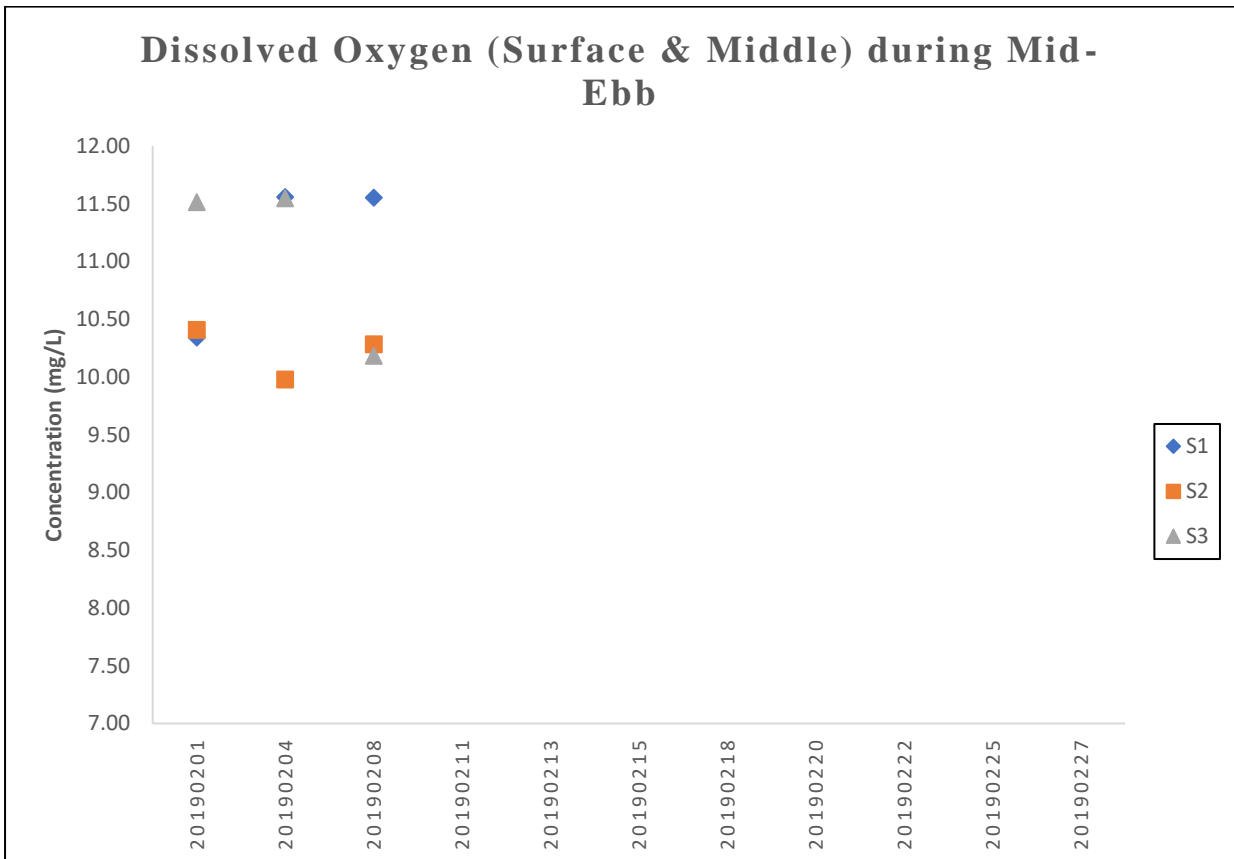
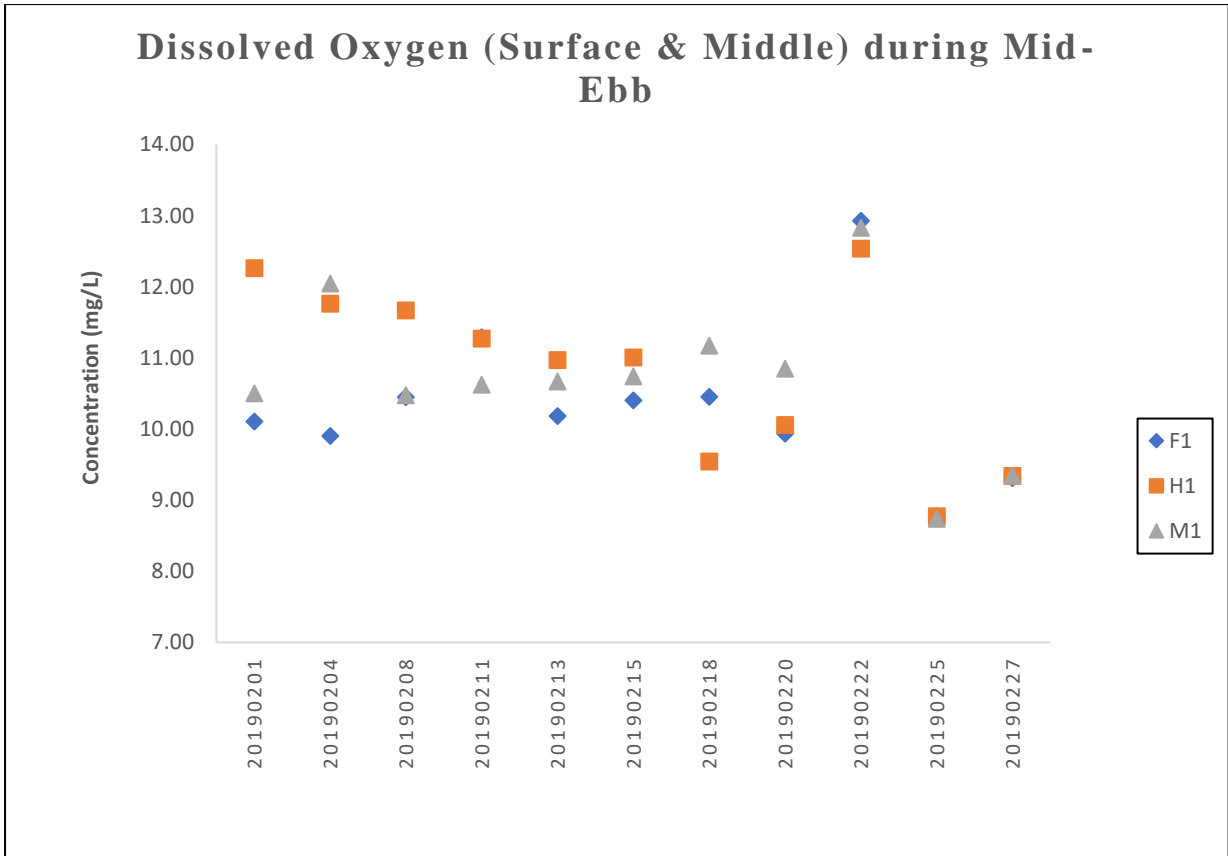




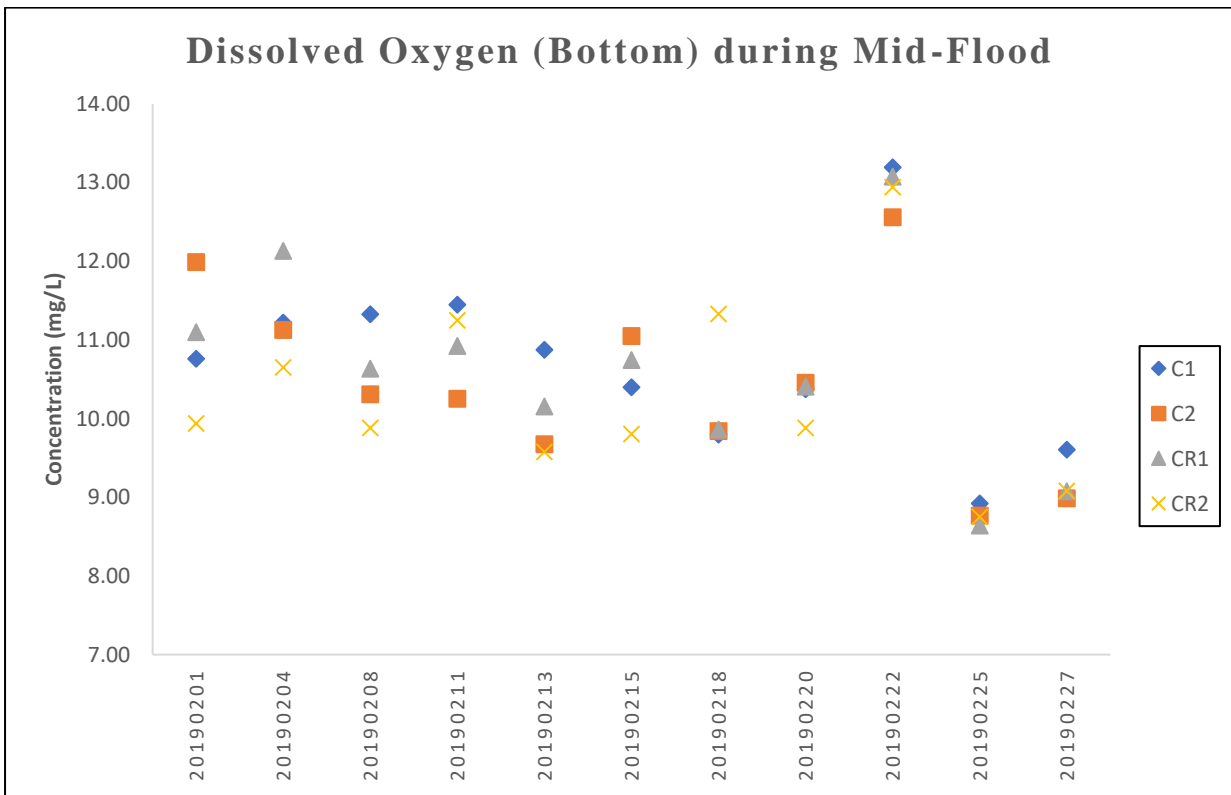
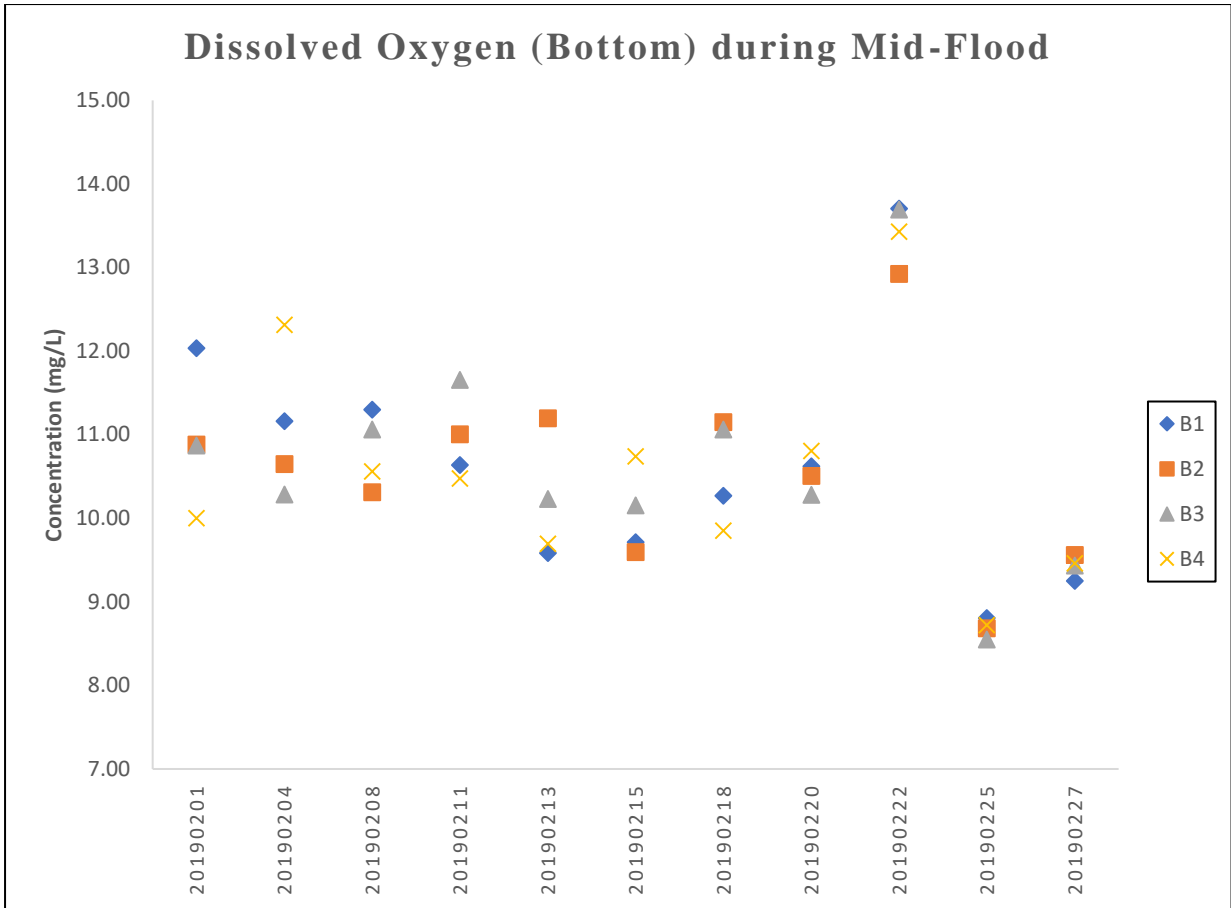
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



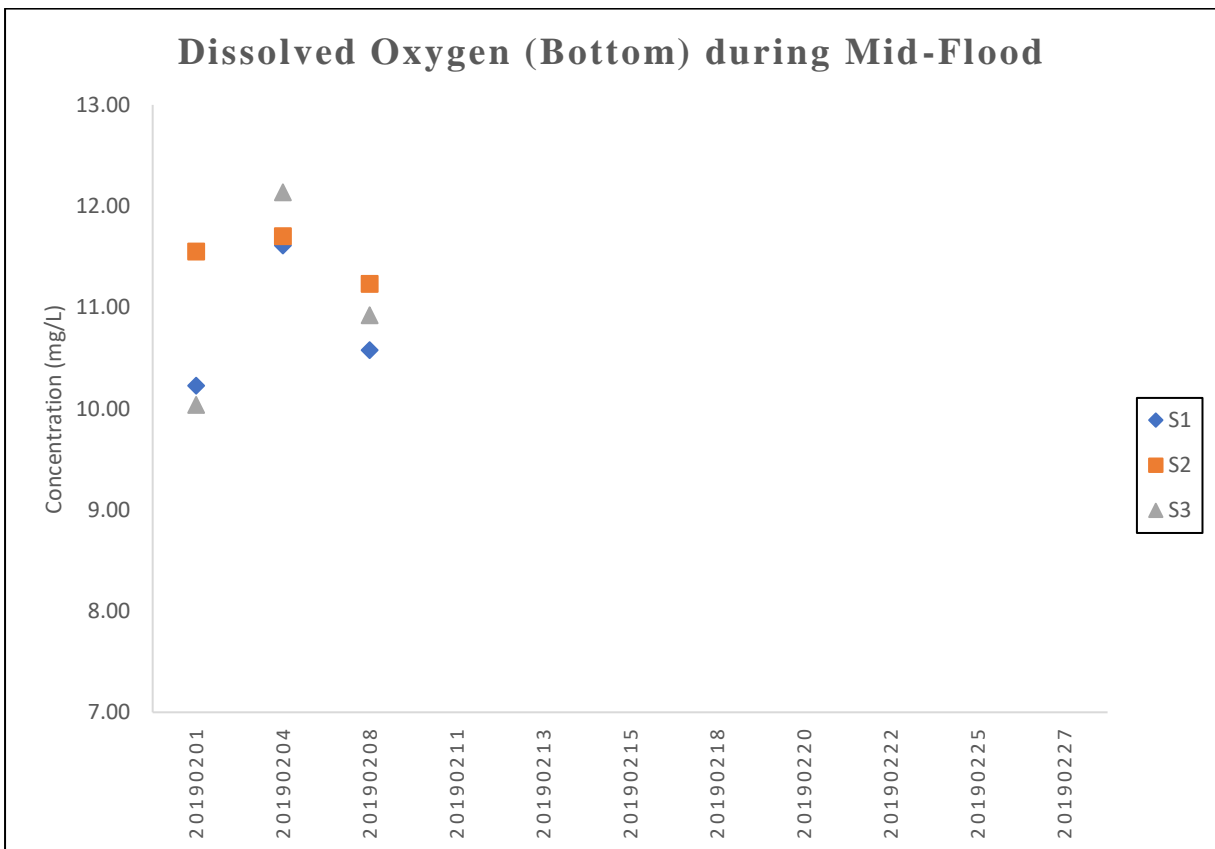
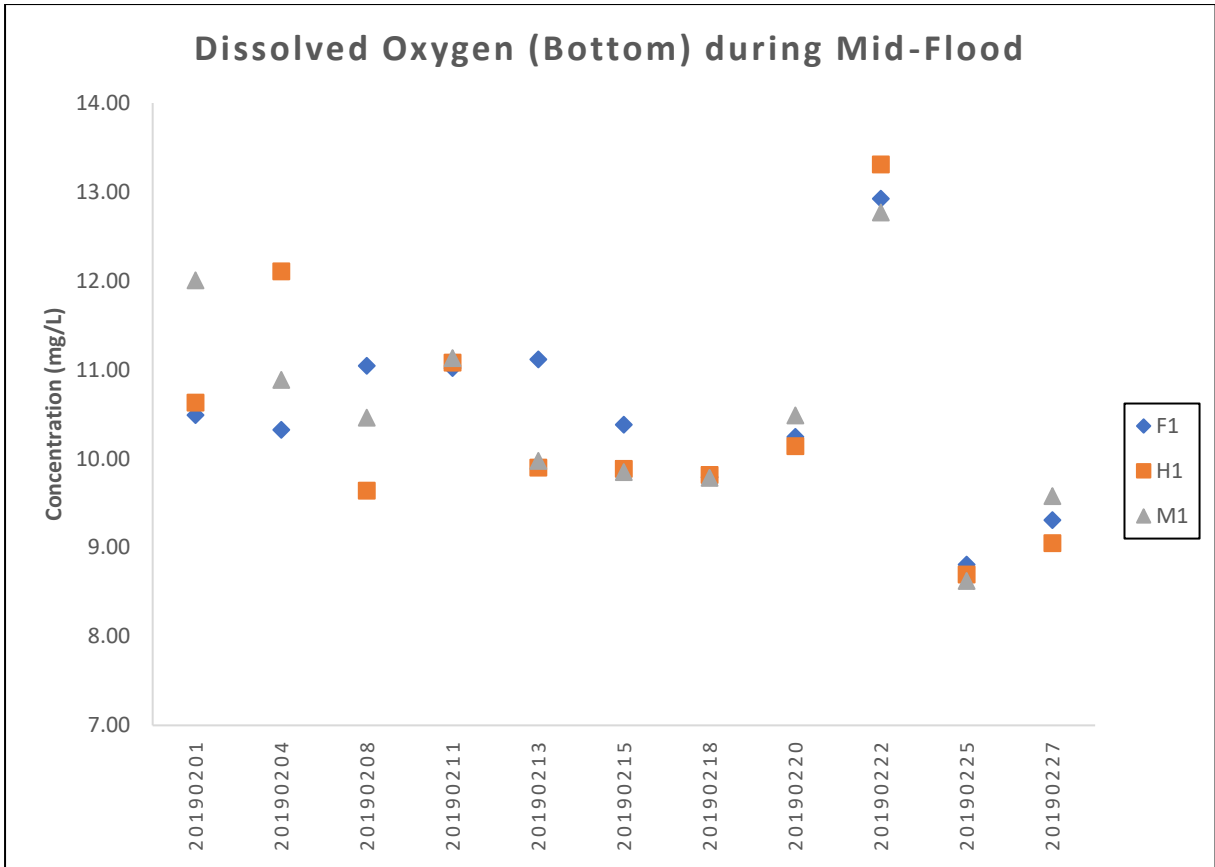
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



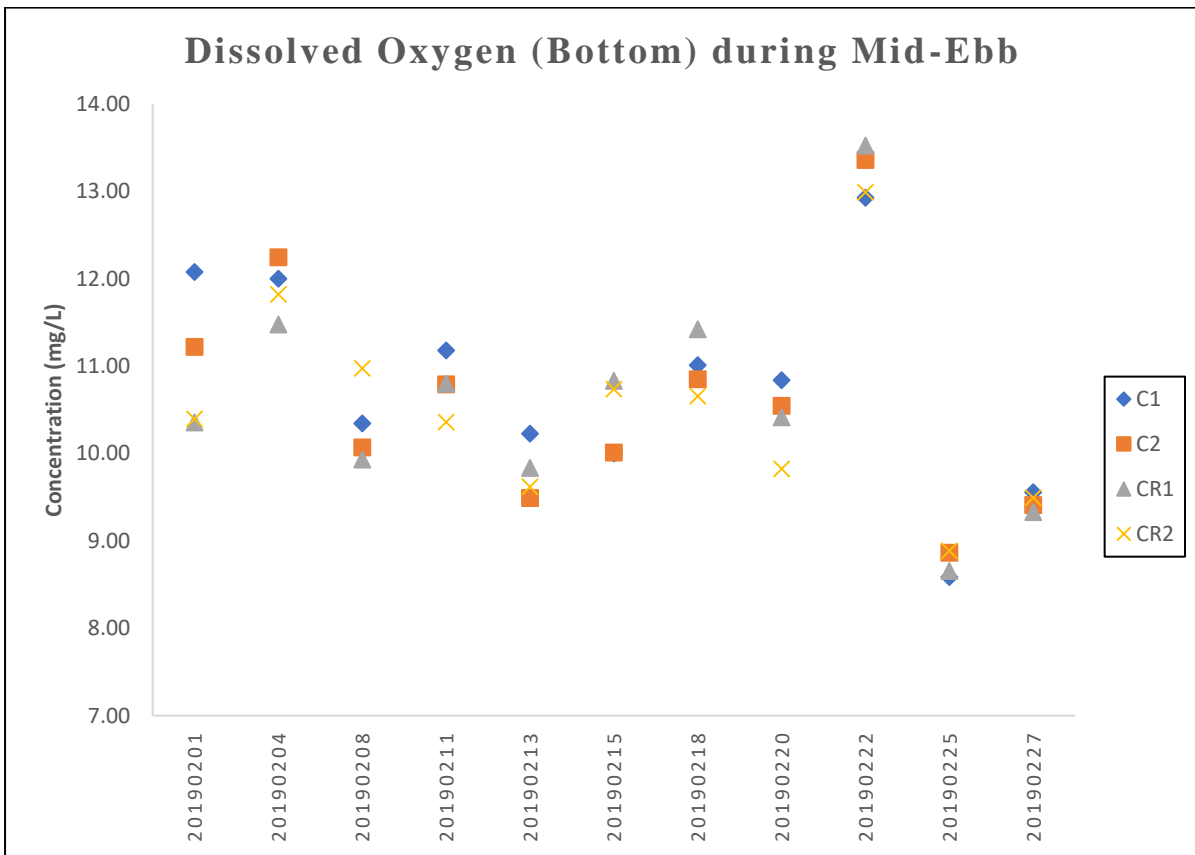
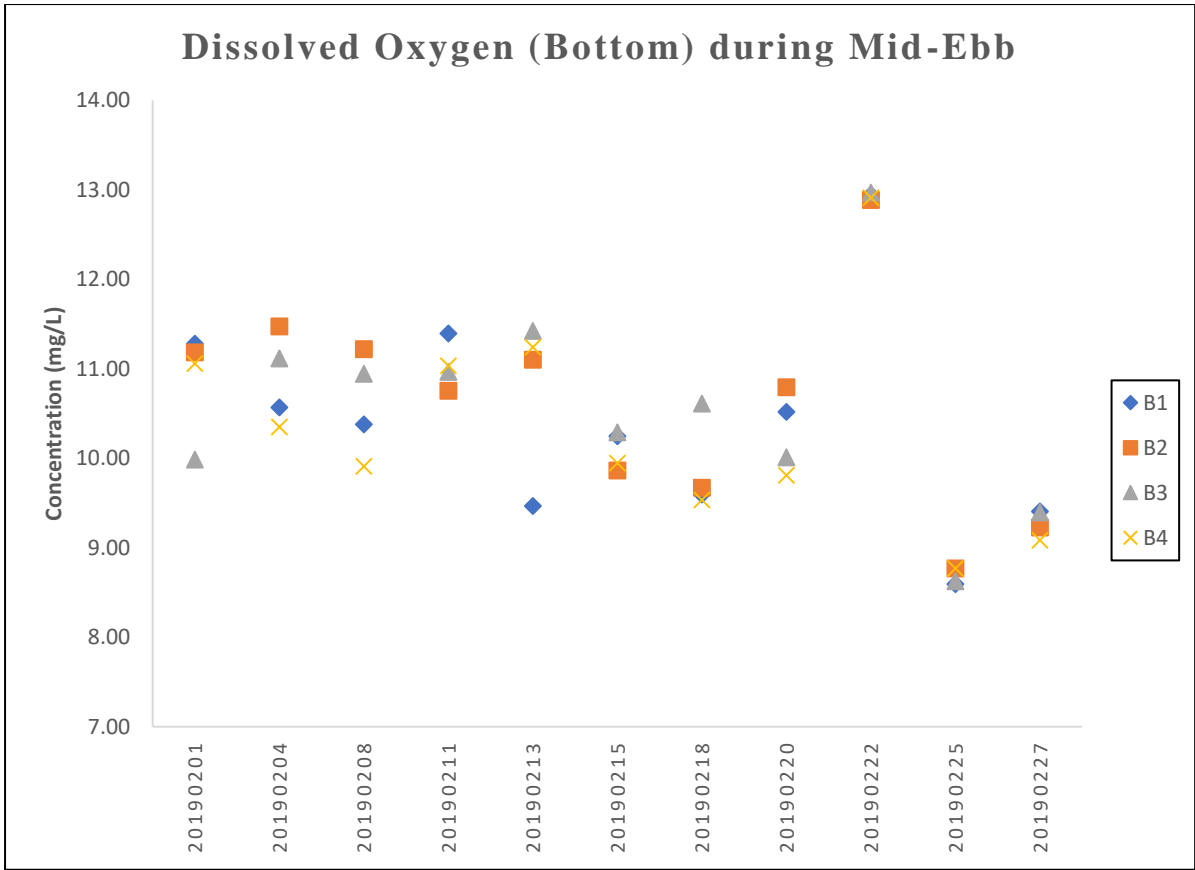
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



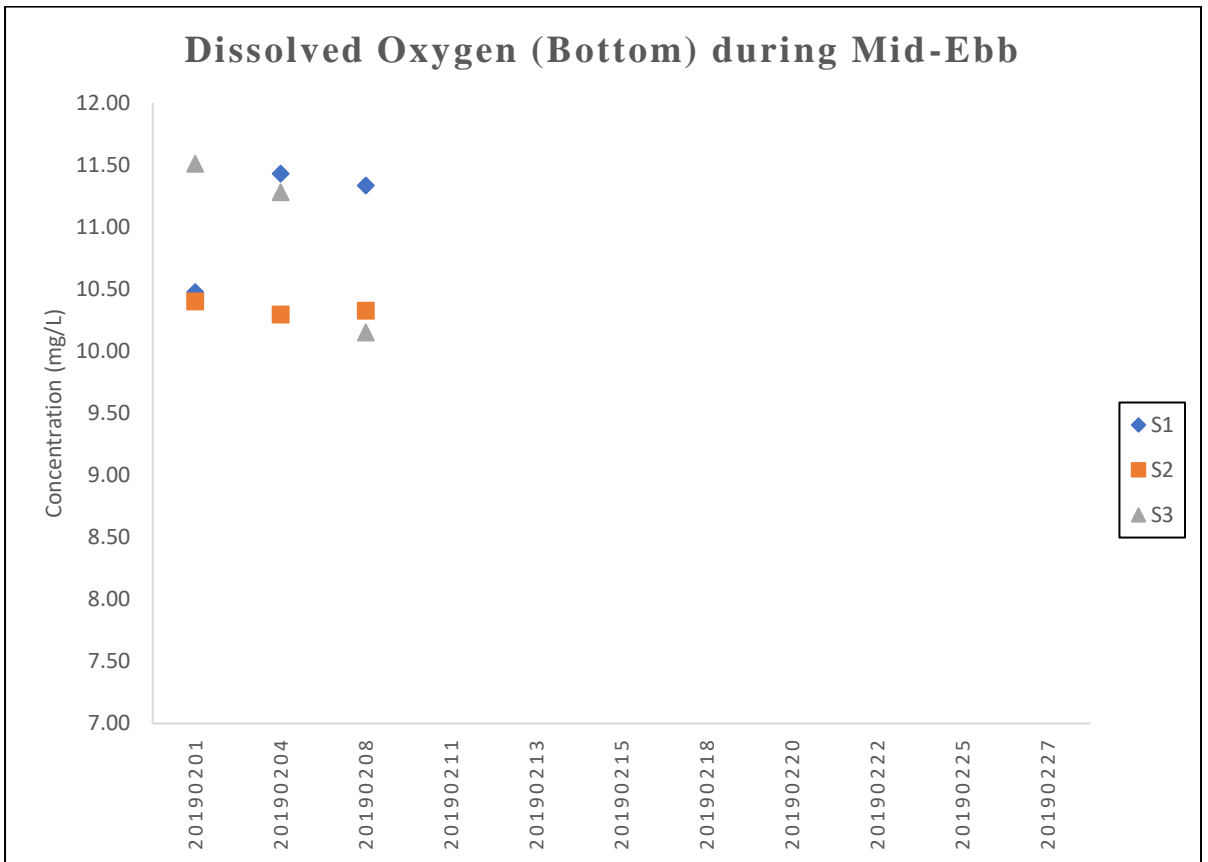
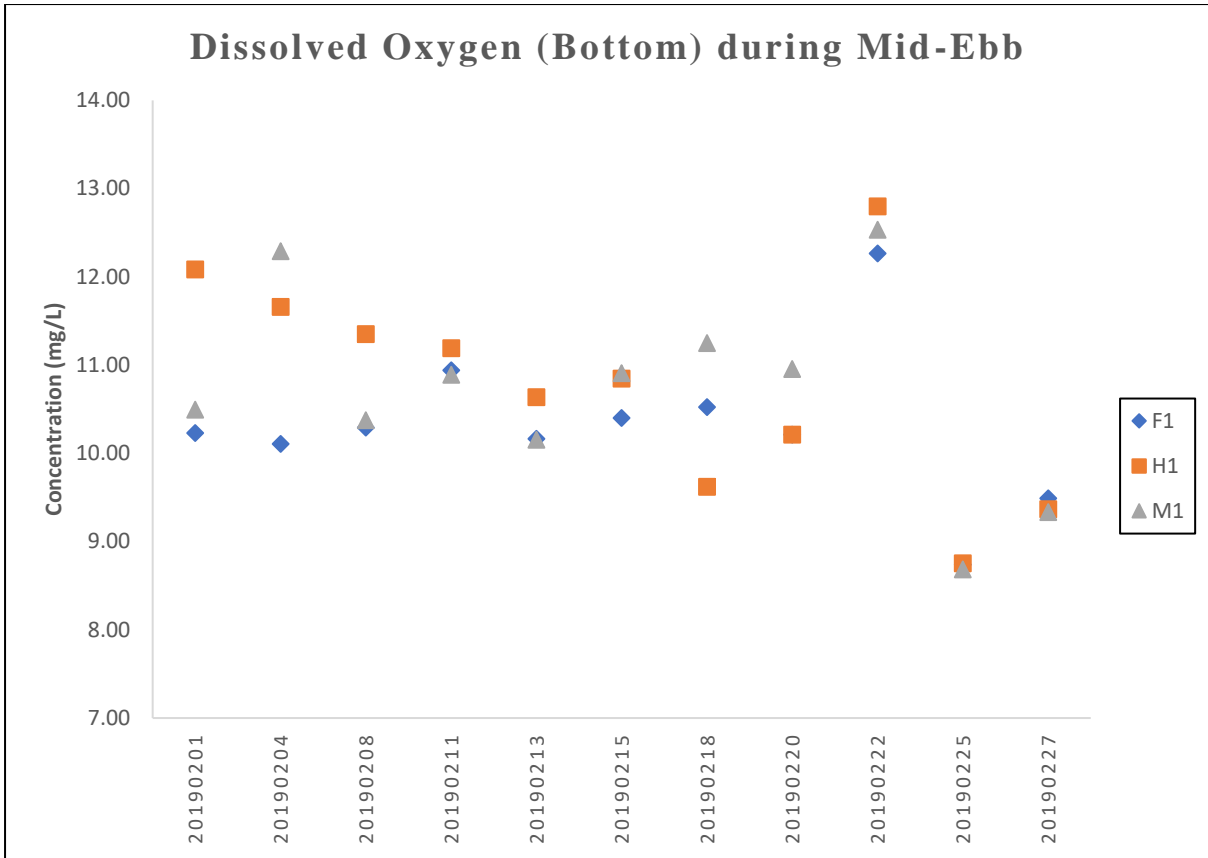
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.



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

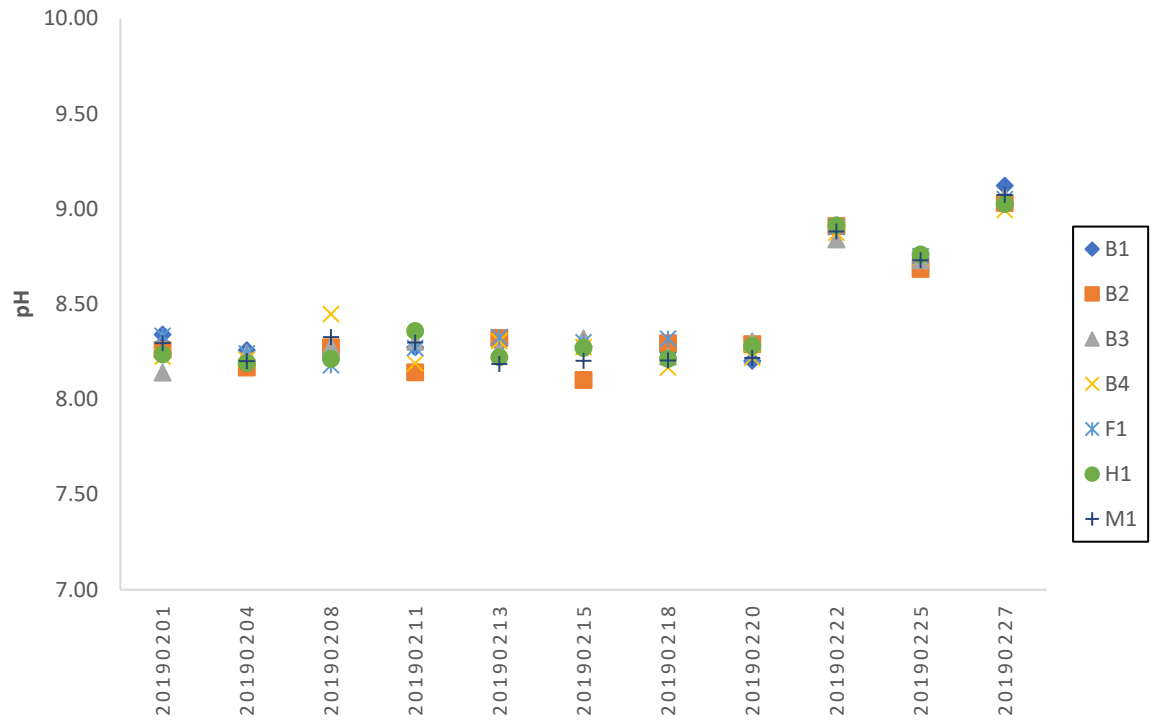


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

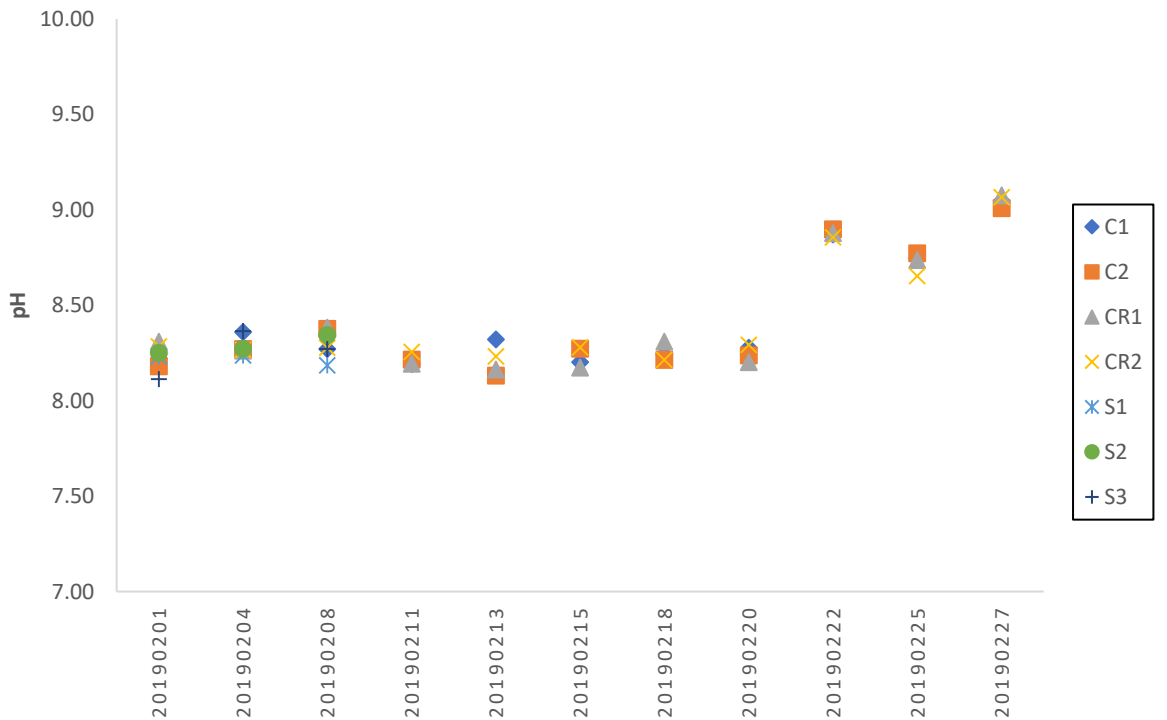


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM & A report.

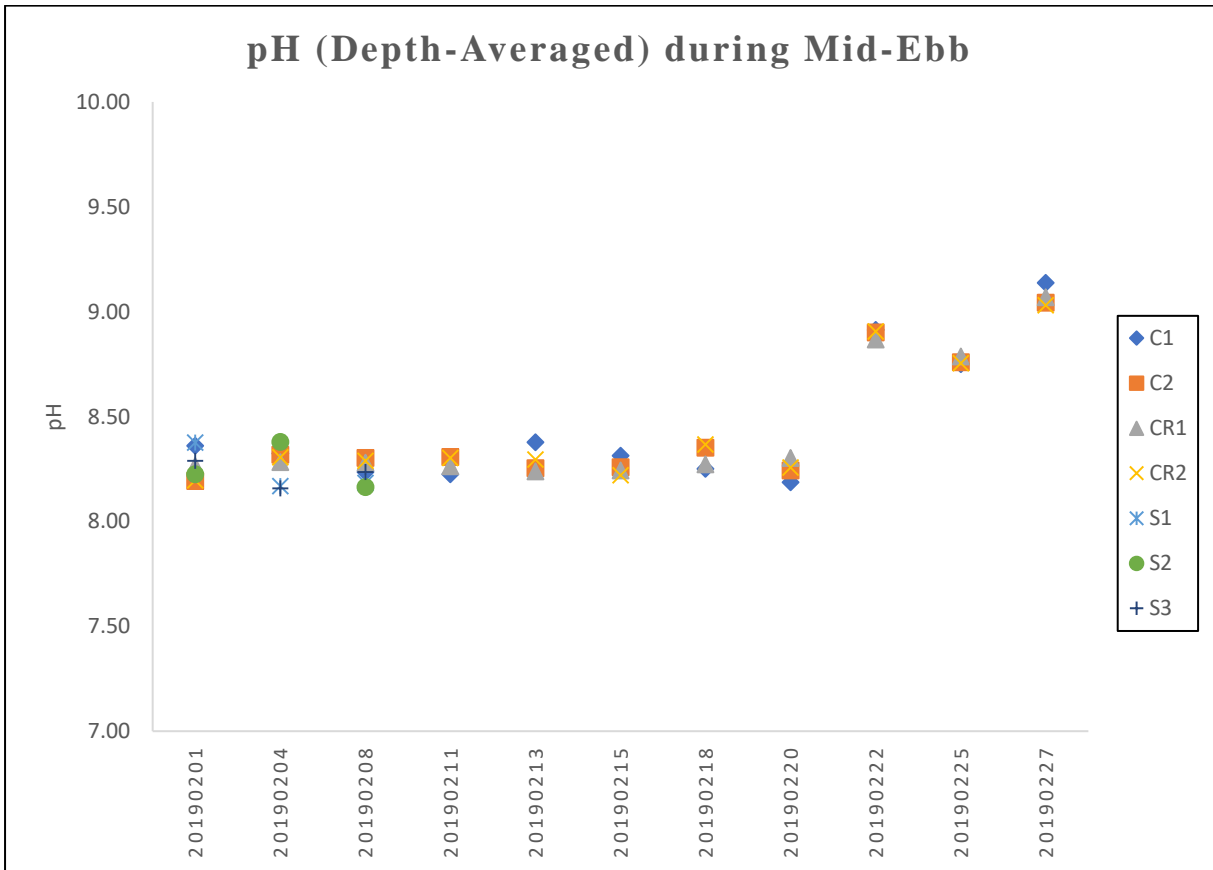
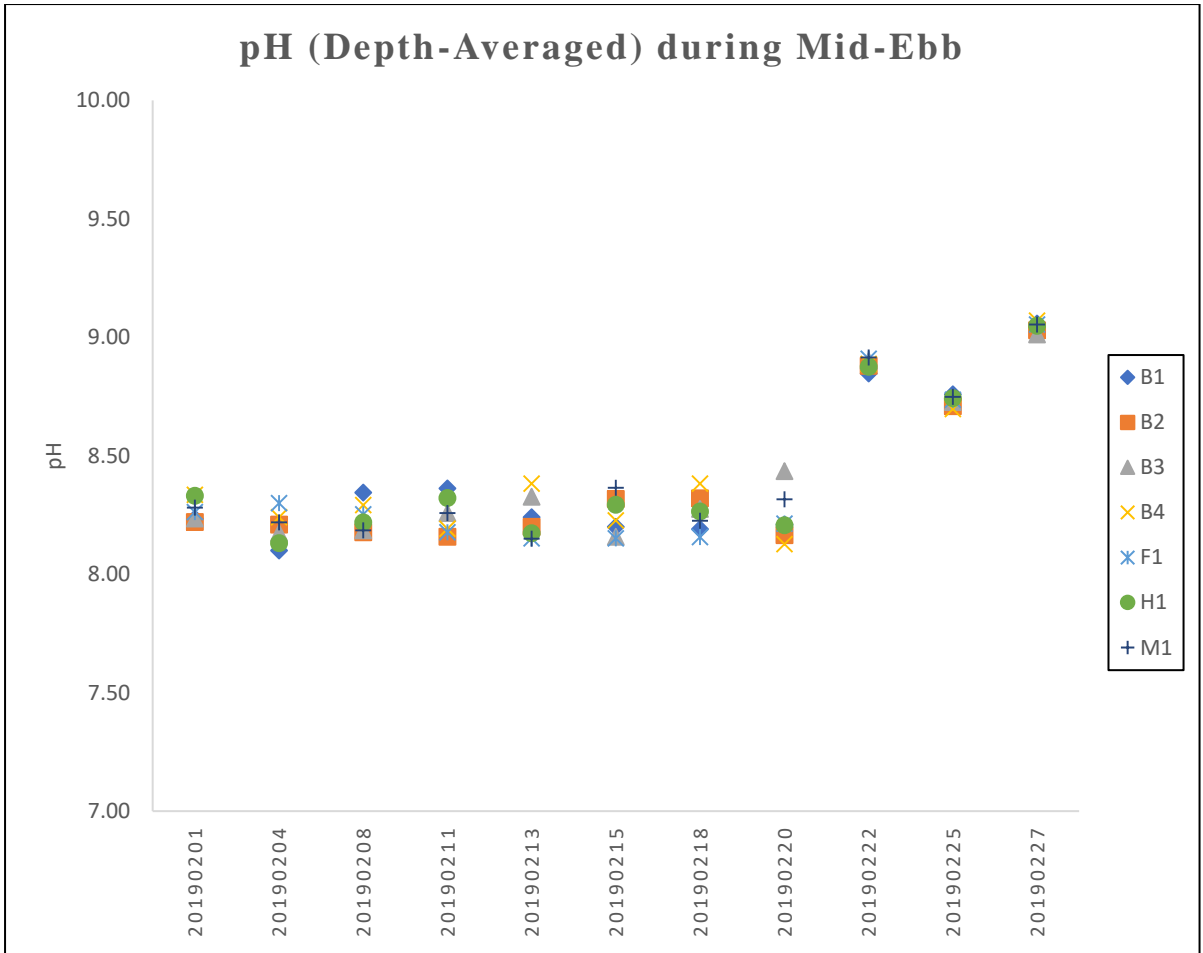
### pH (Depth-Averaged) during Mid-Flood

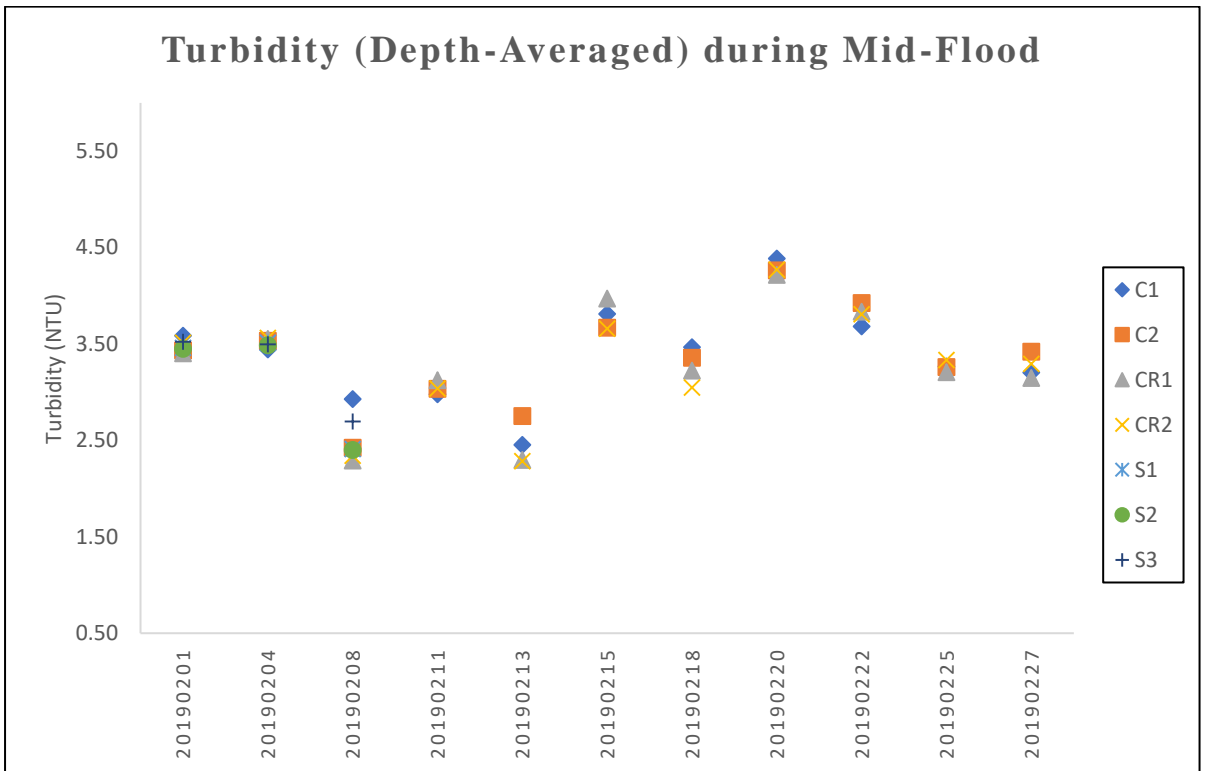
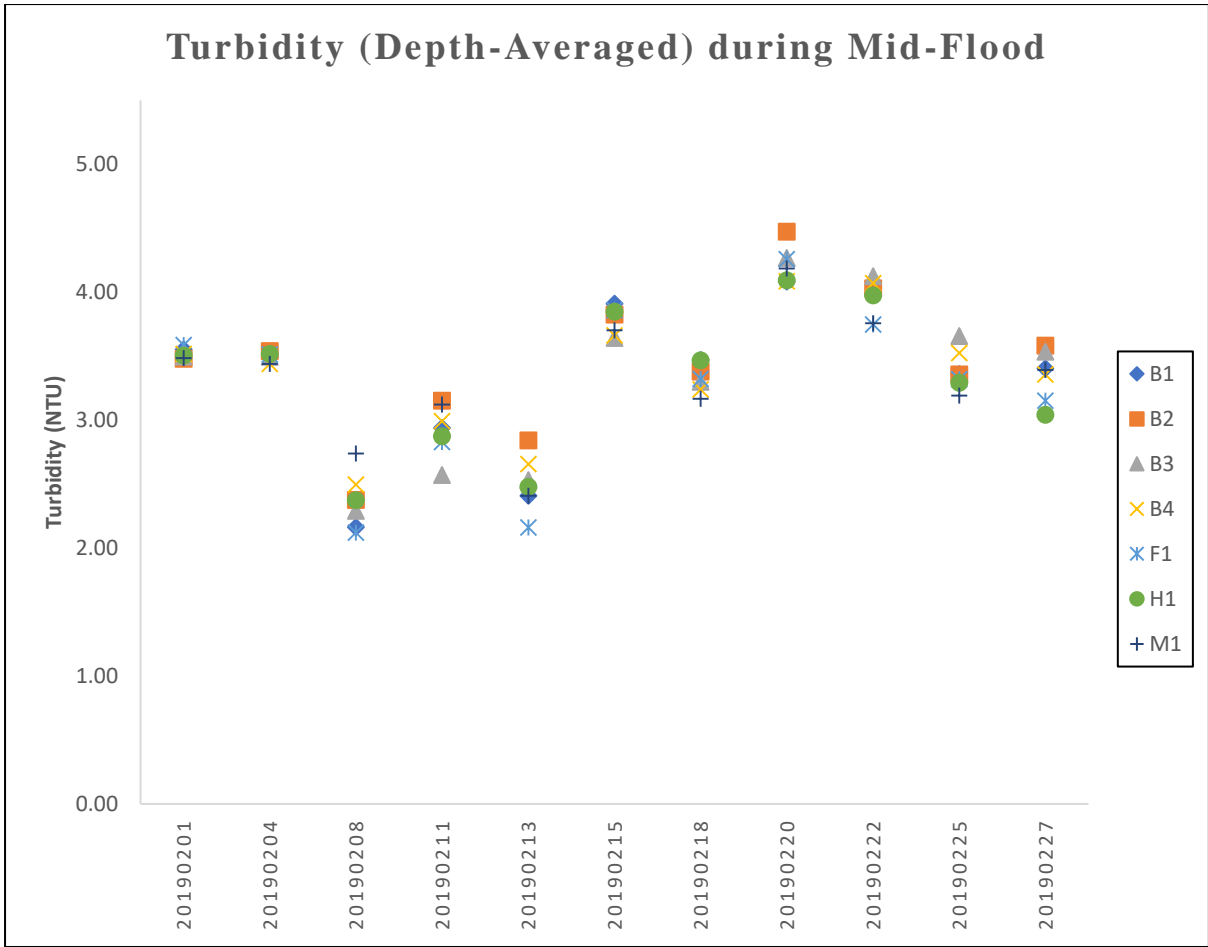


### pH (Depth-Averaged) during Mid-Flood

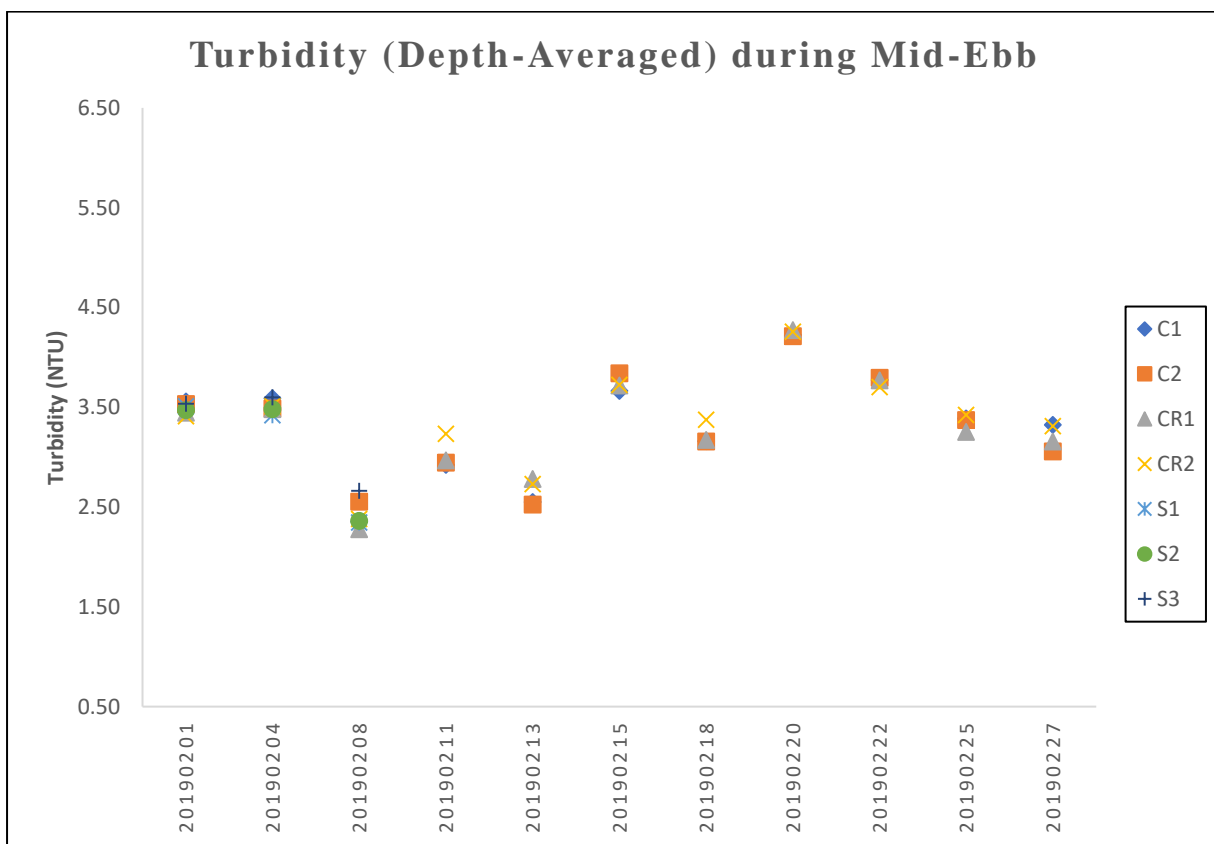
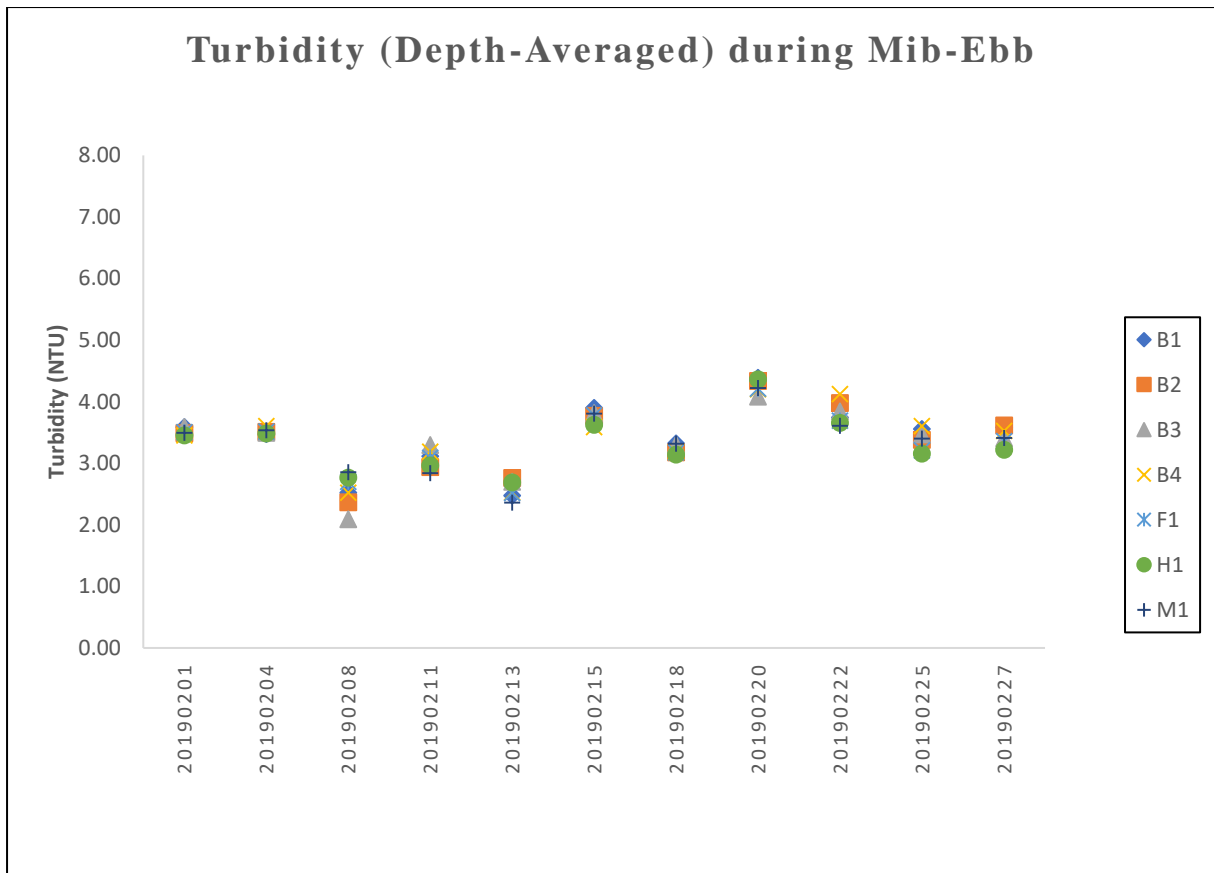




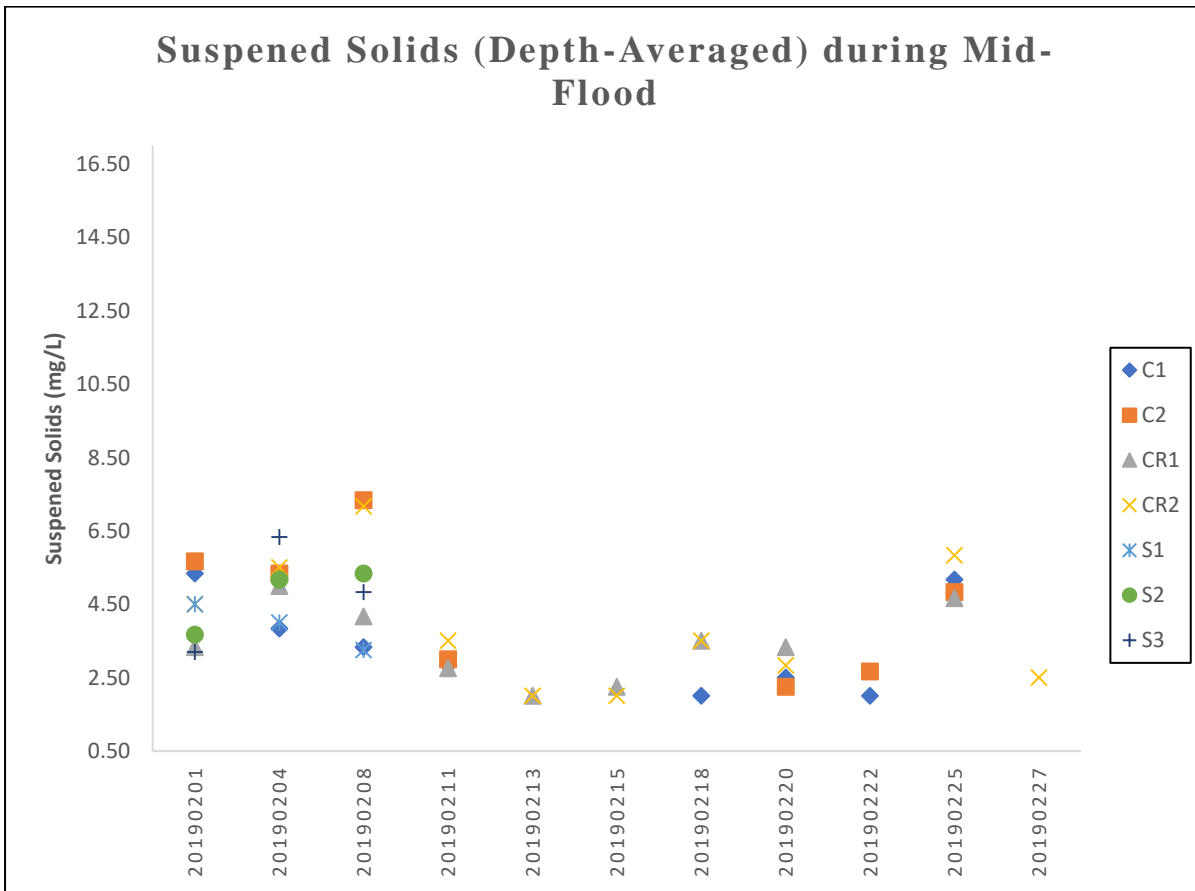
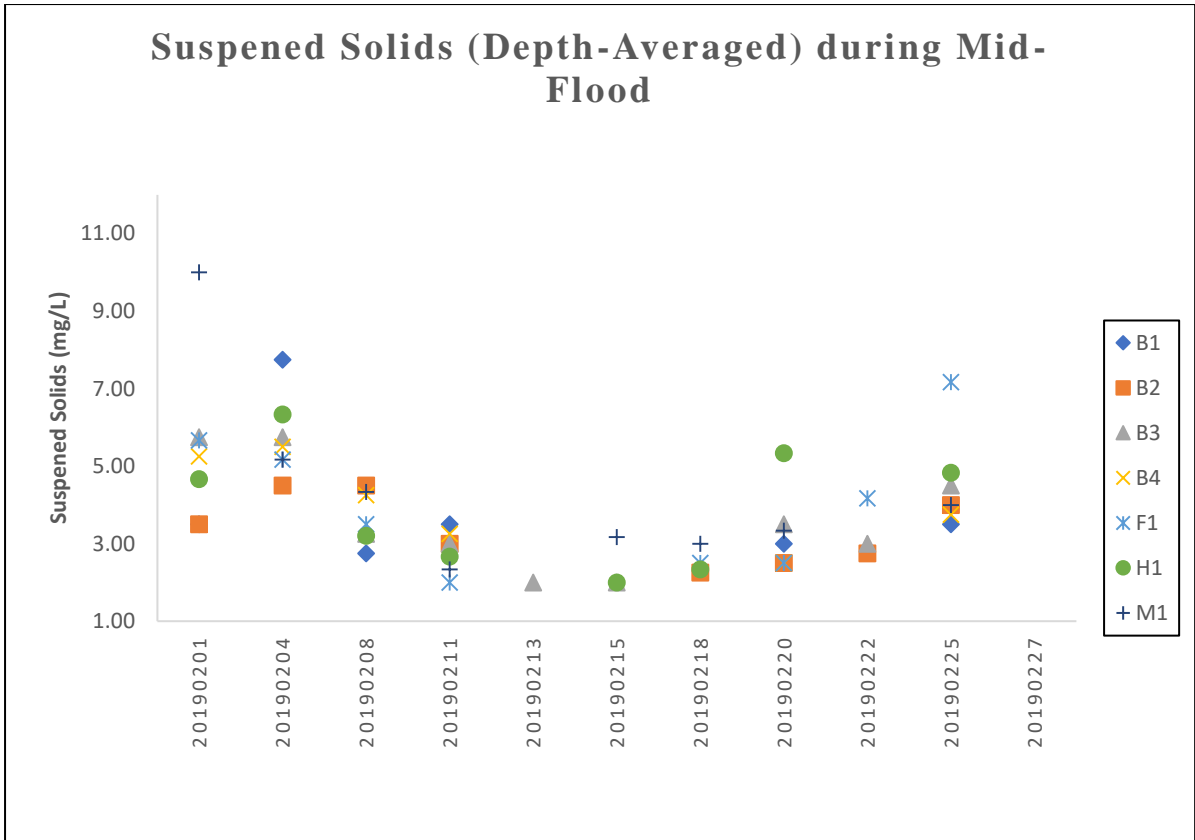




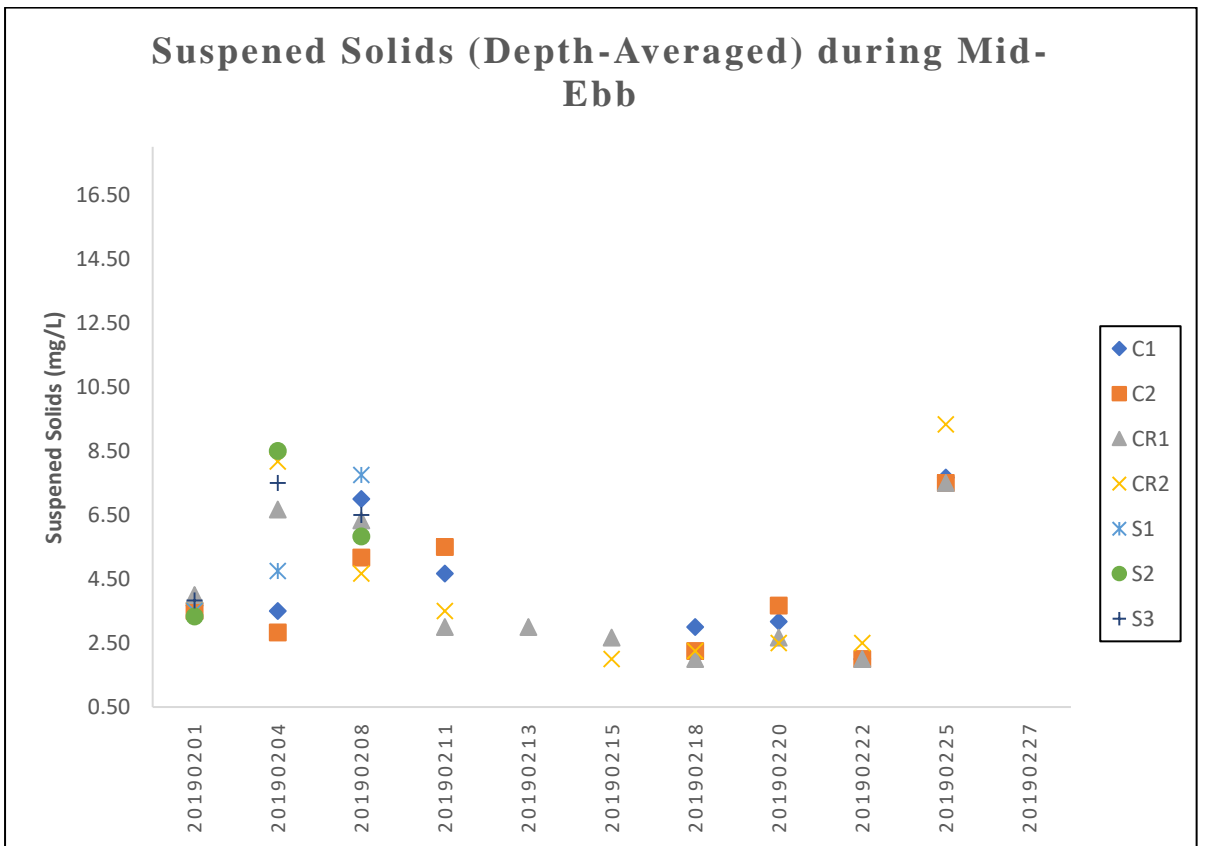
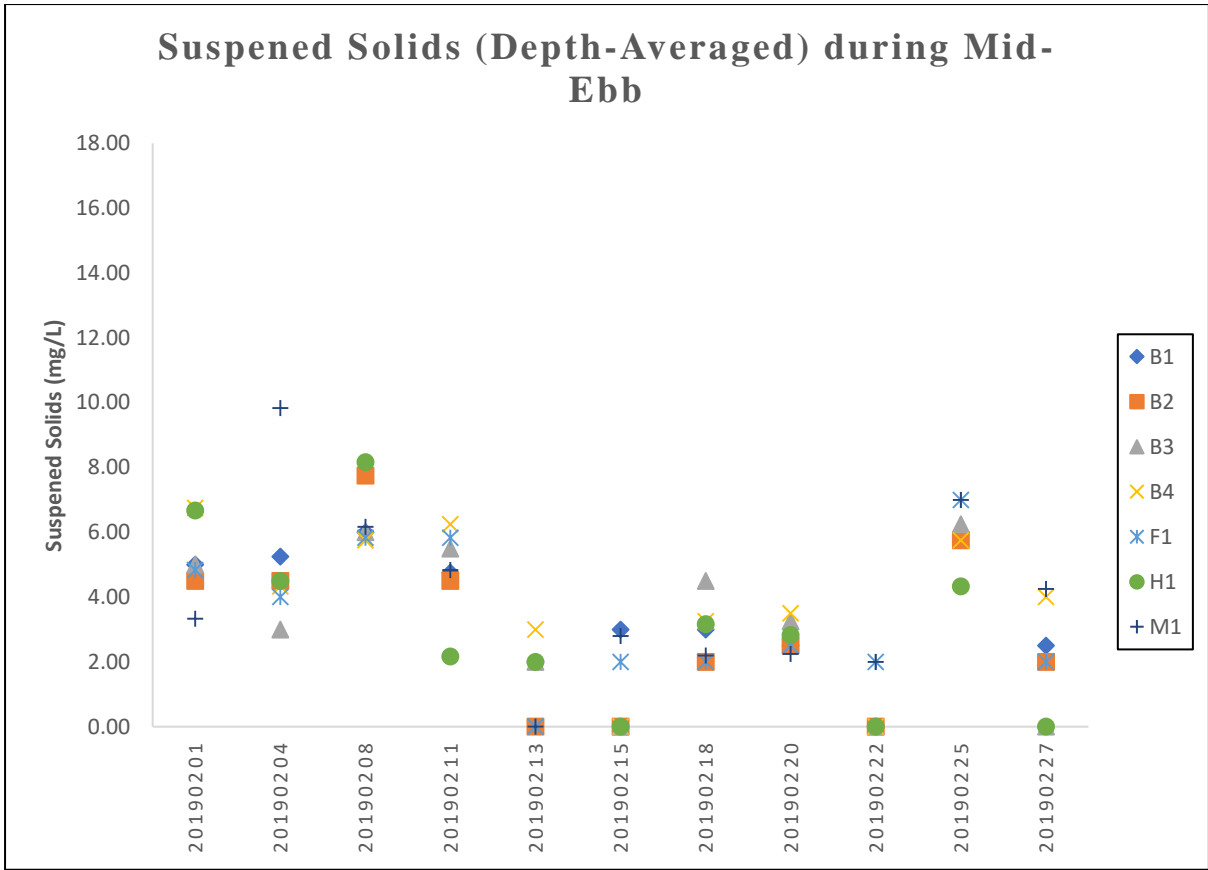
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



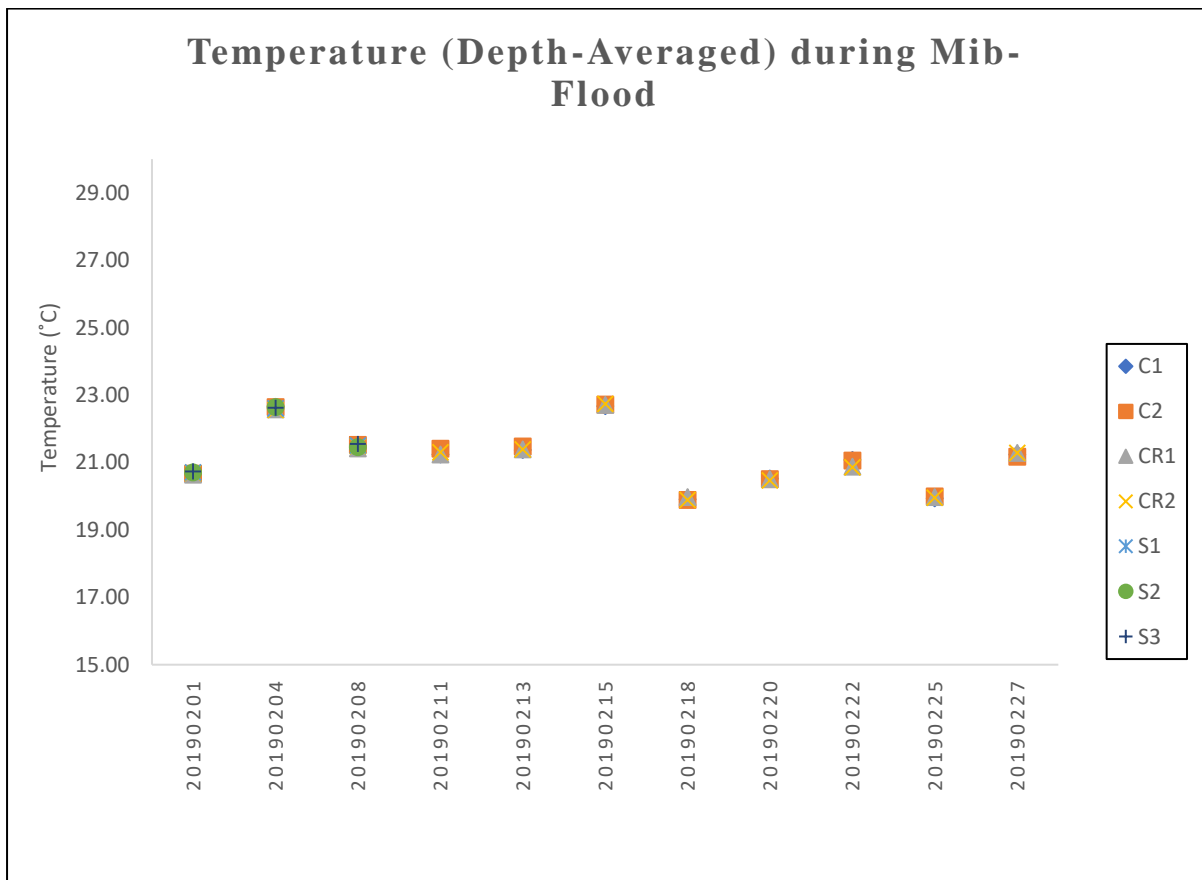
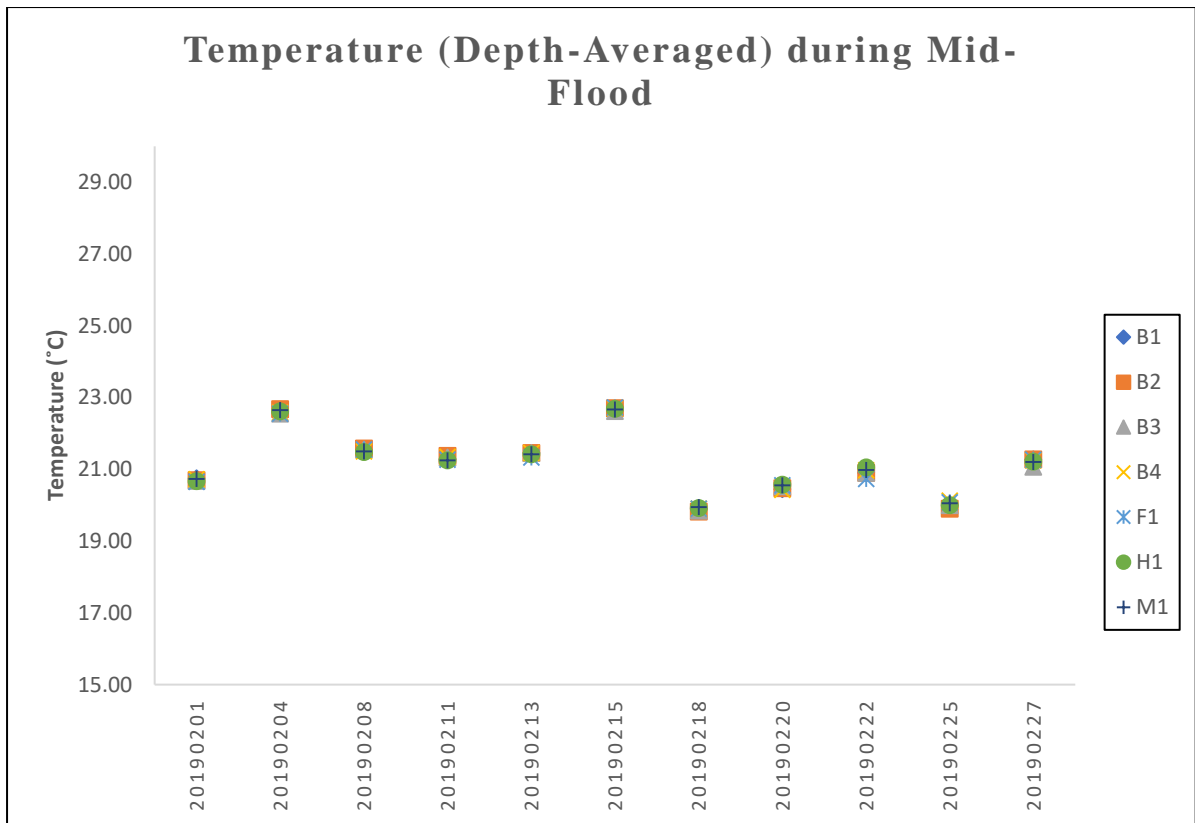
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM & A report.



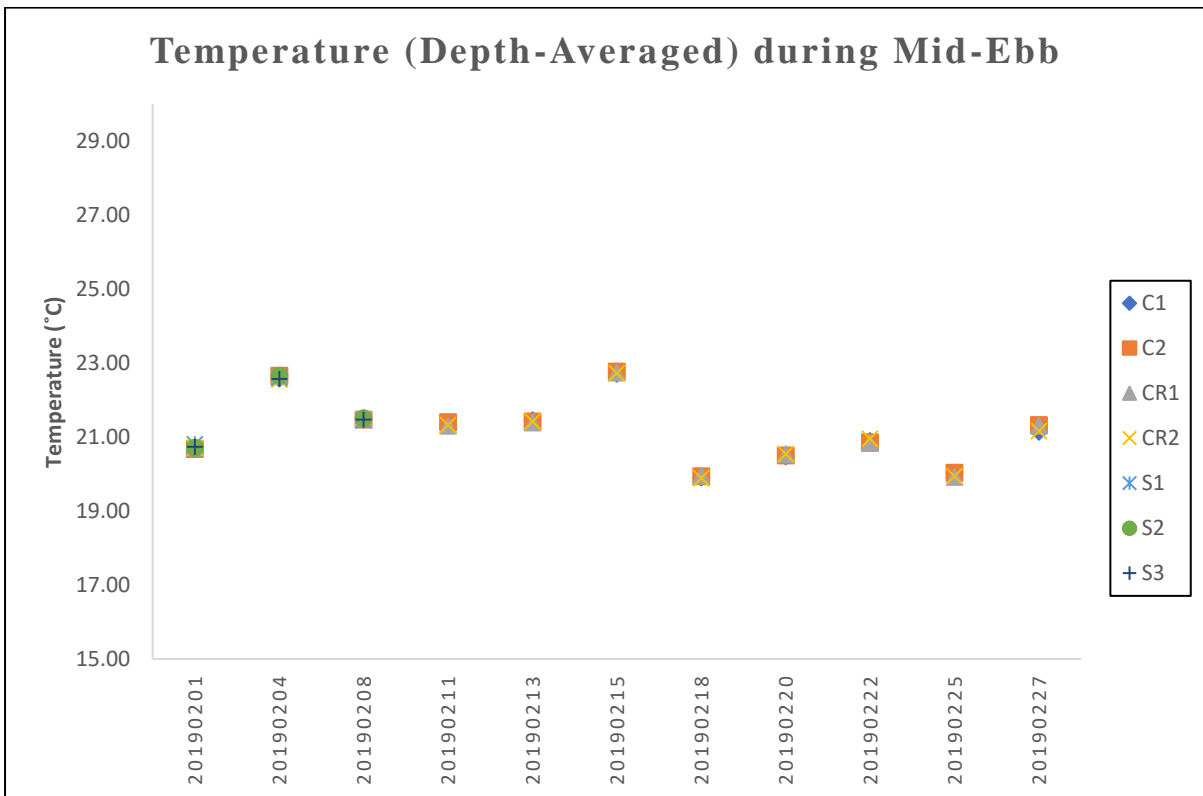
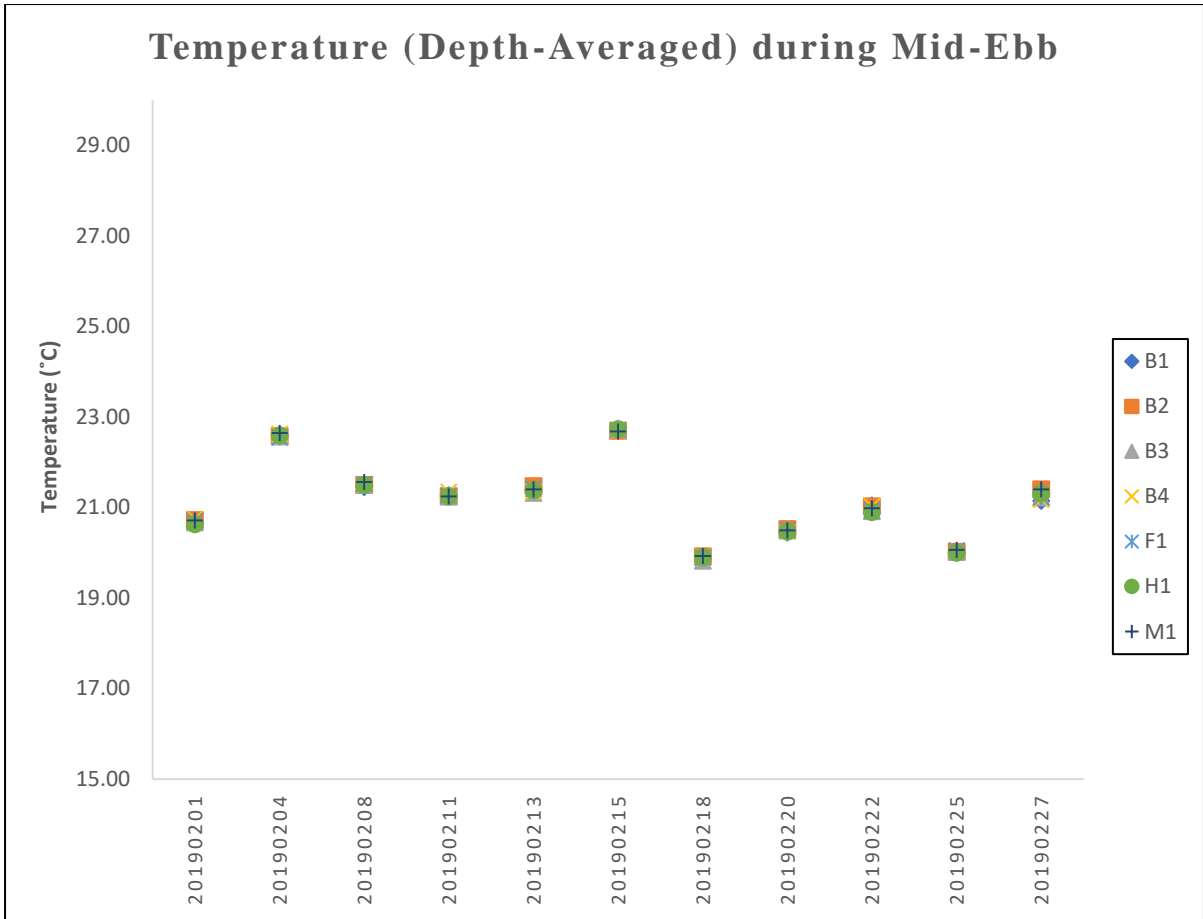
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



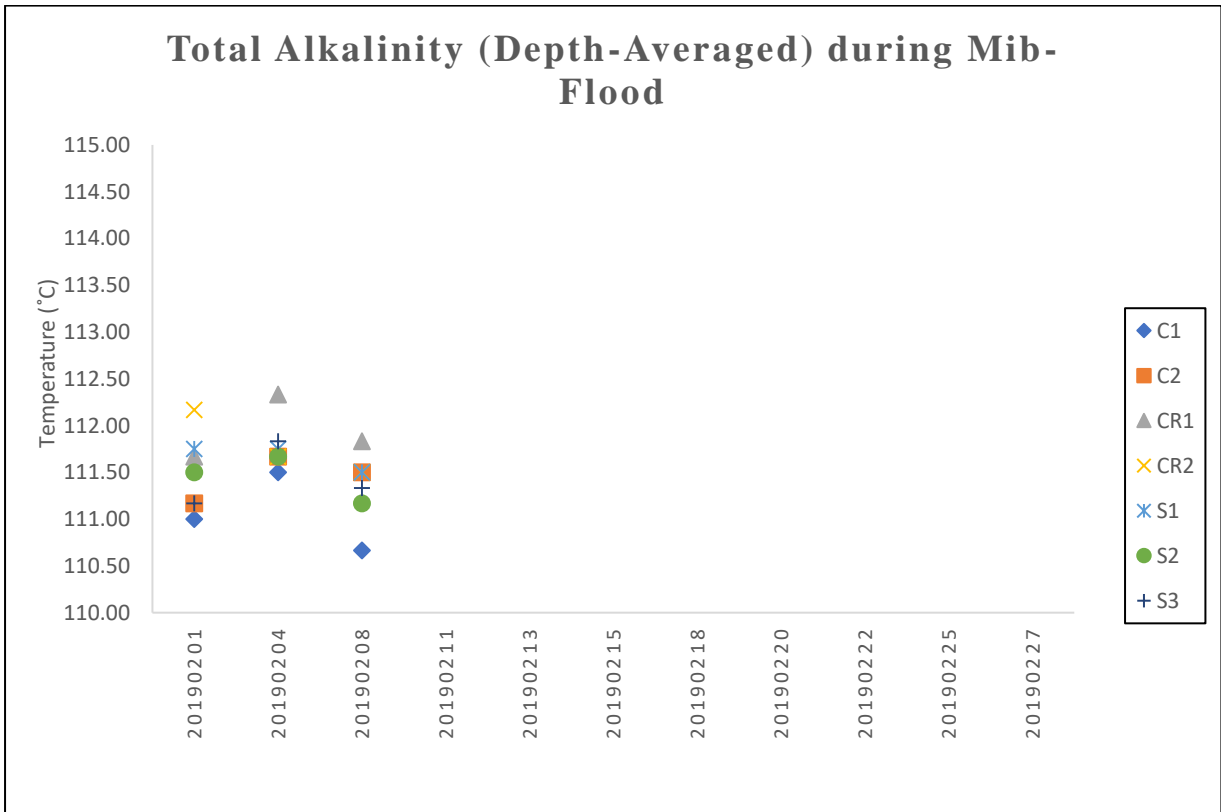
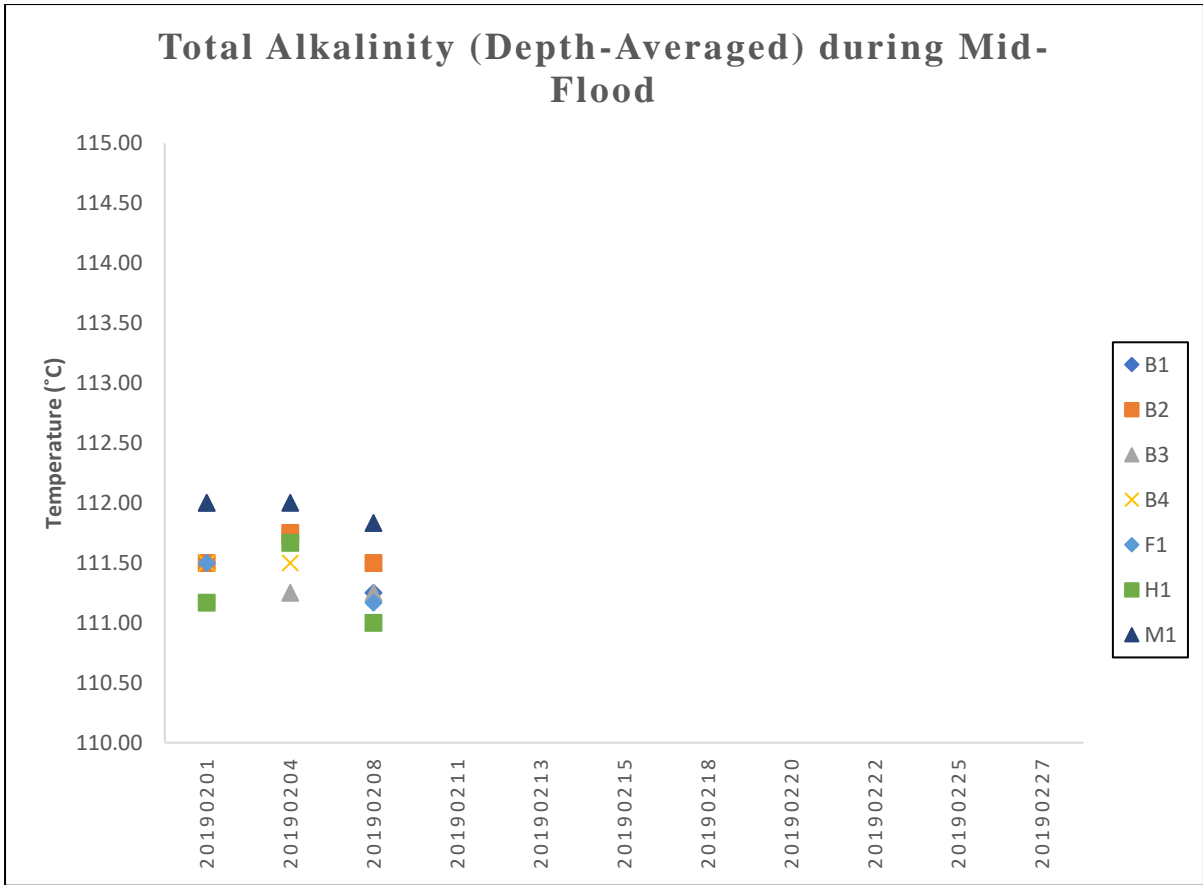
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM & A report.



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

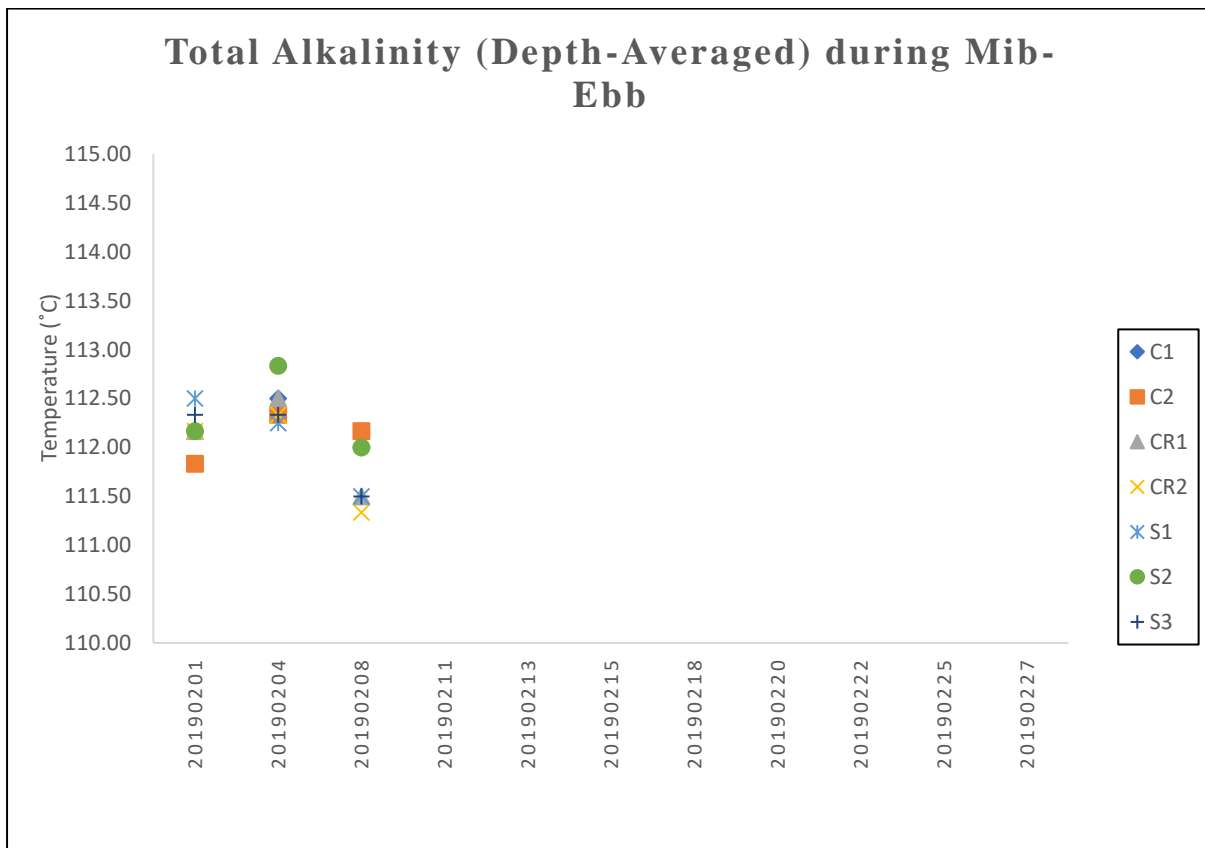
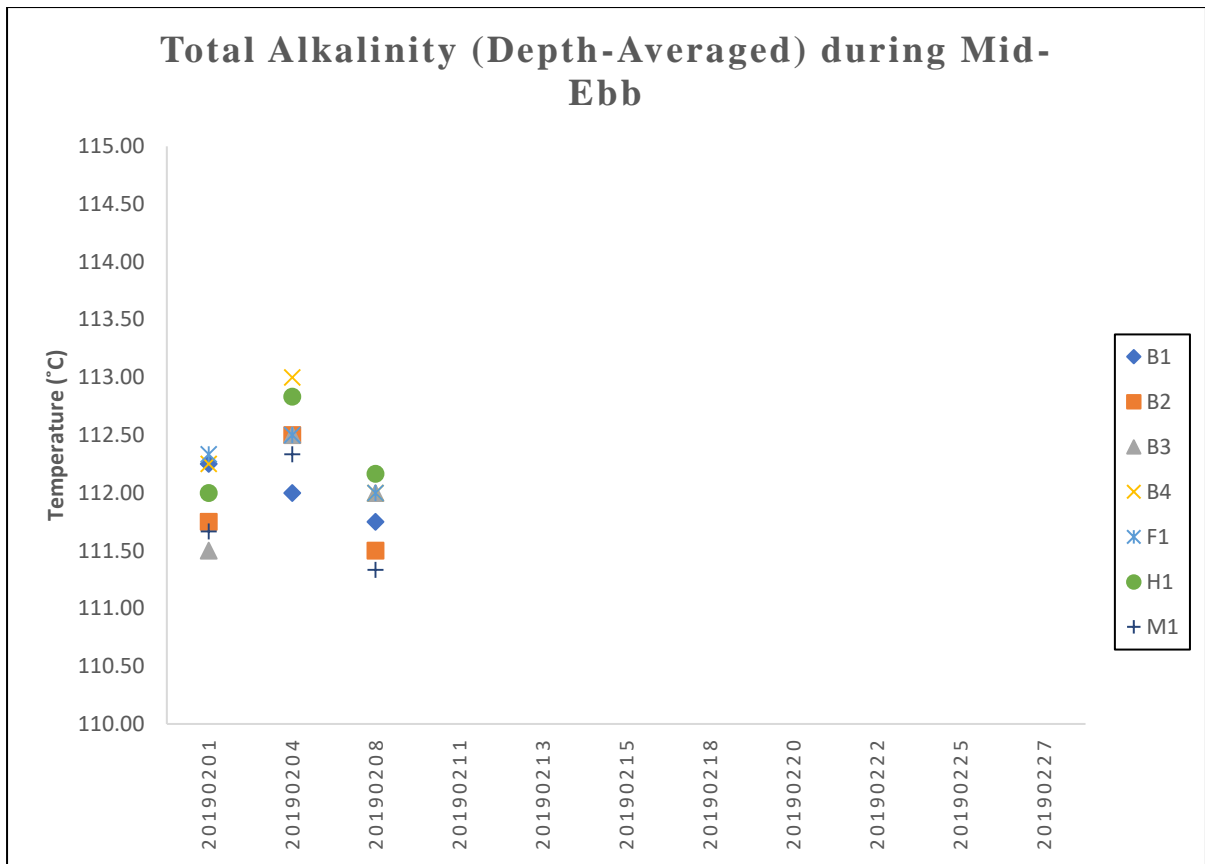


Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM & A report.



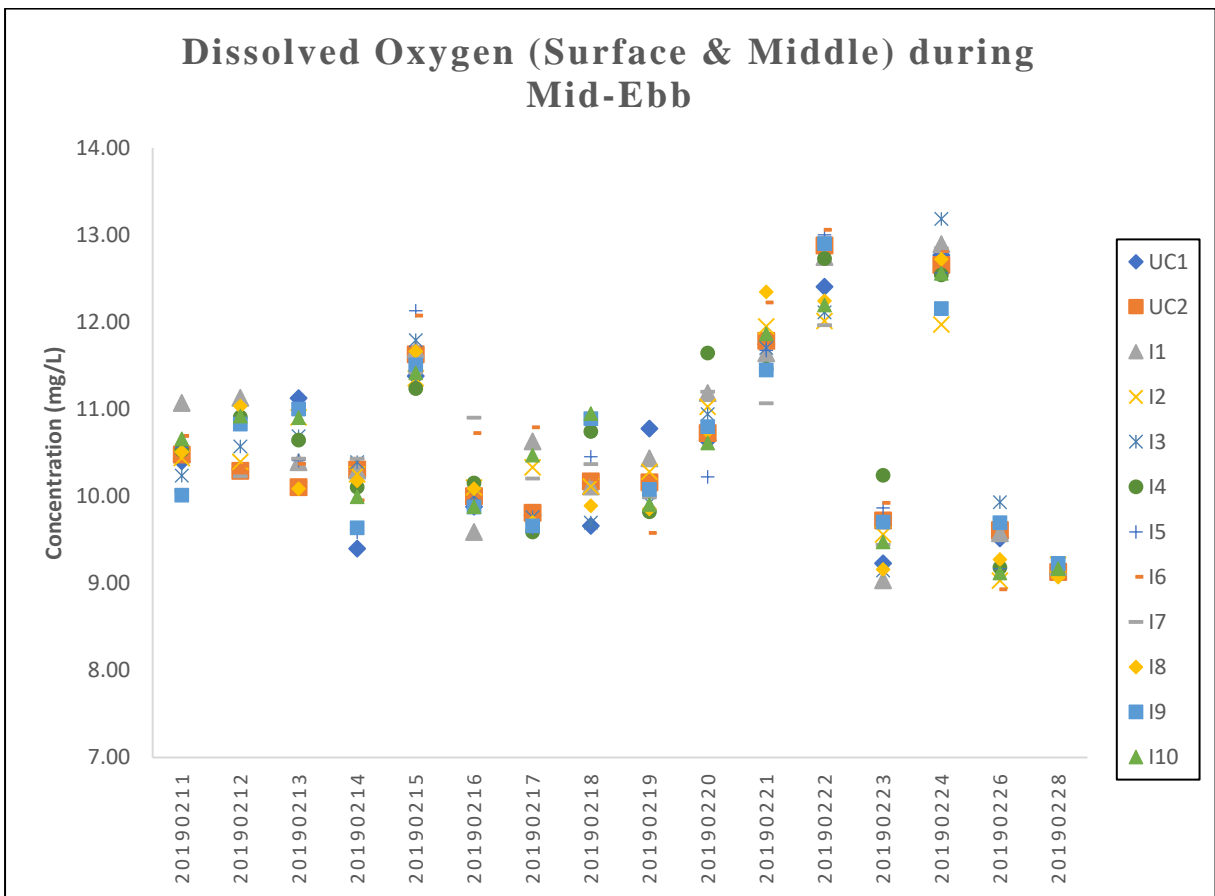
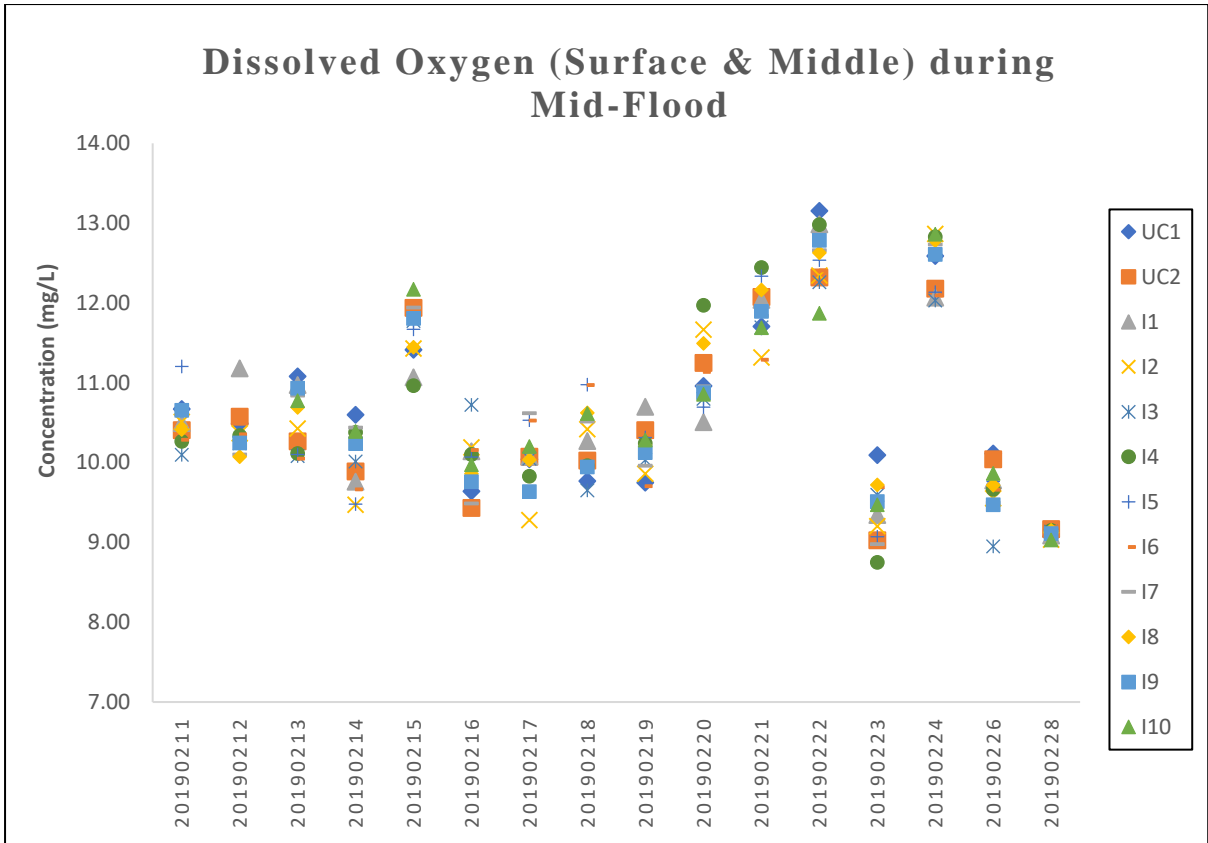
Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.



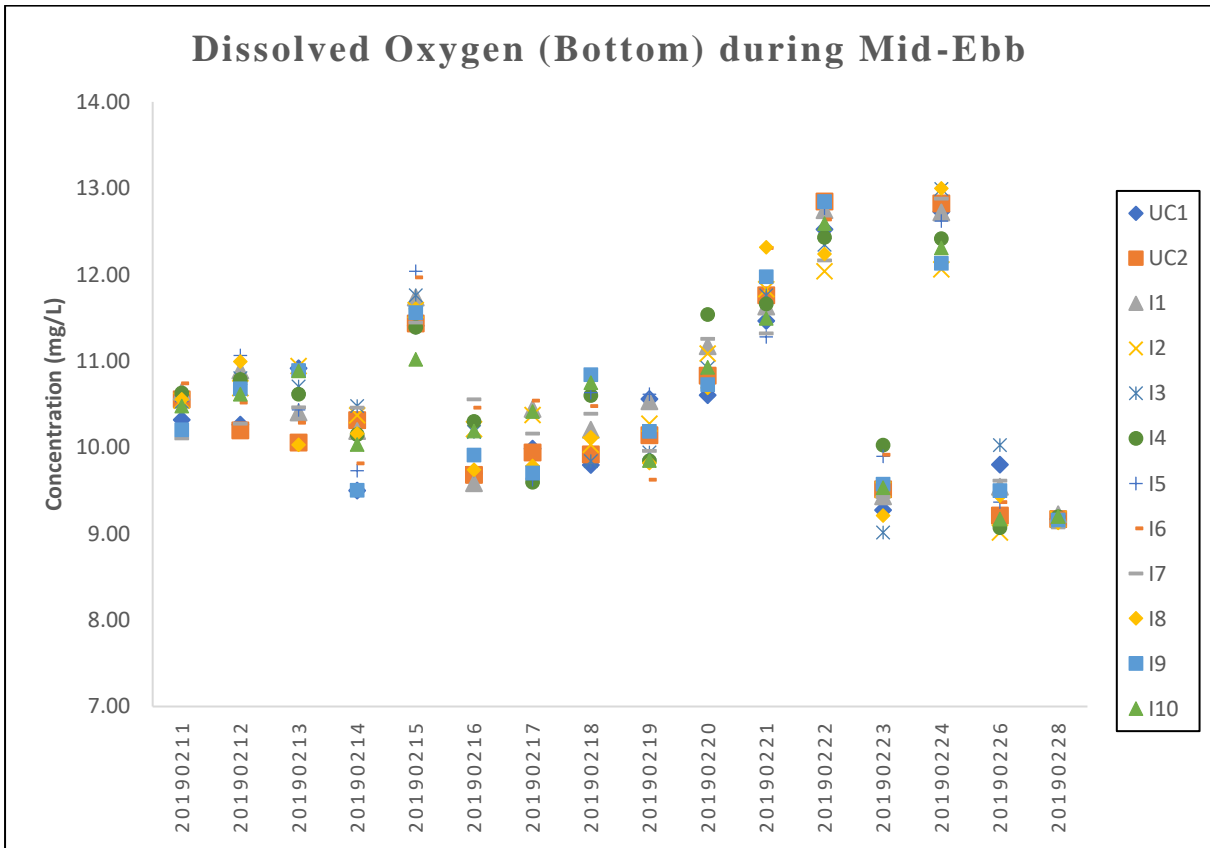
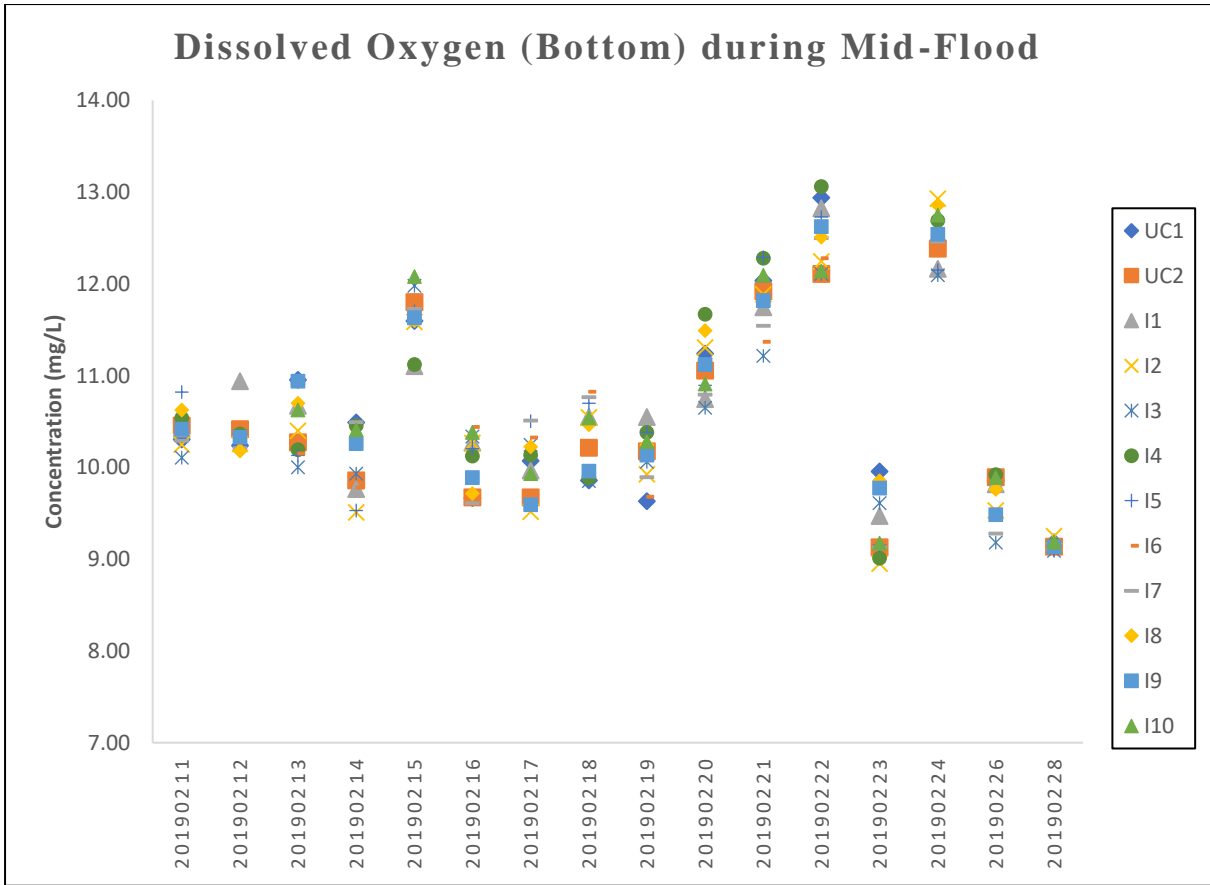


Note: The Action and Limit Level of total alkalinity can be referred to **Table 2.7** of the monthly EM & A report.

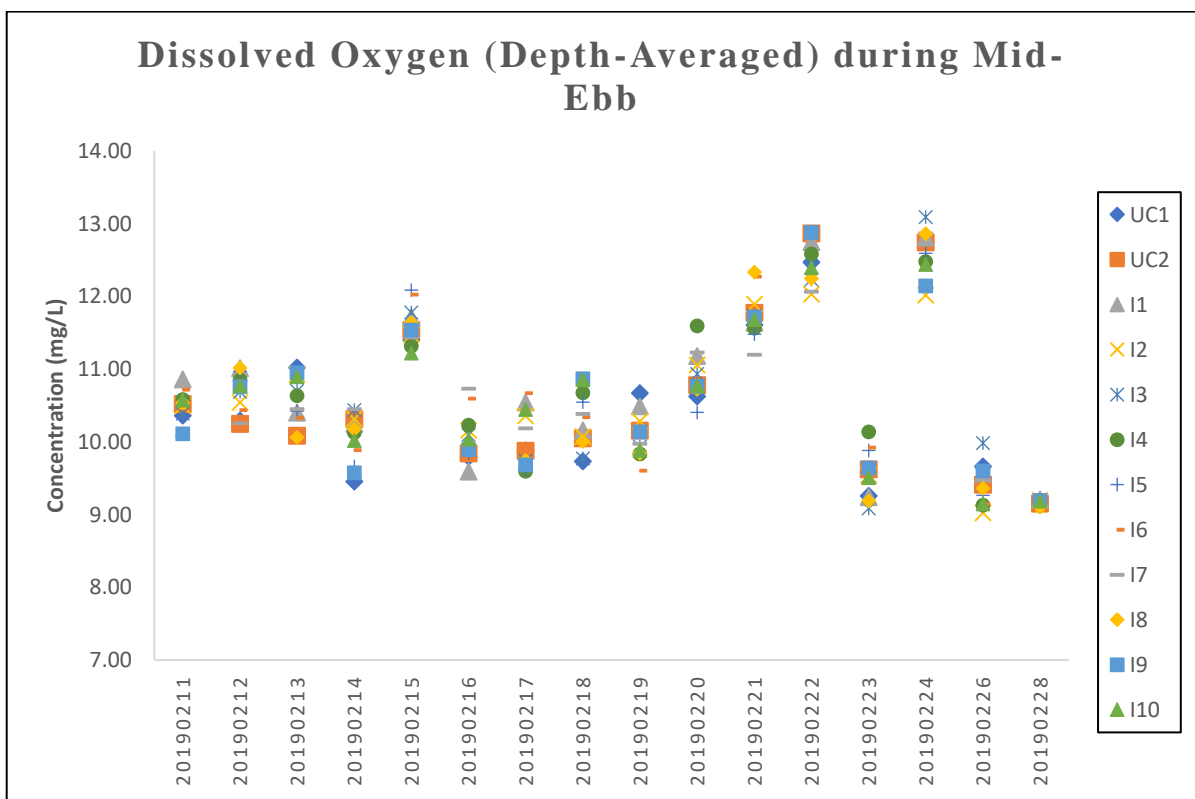
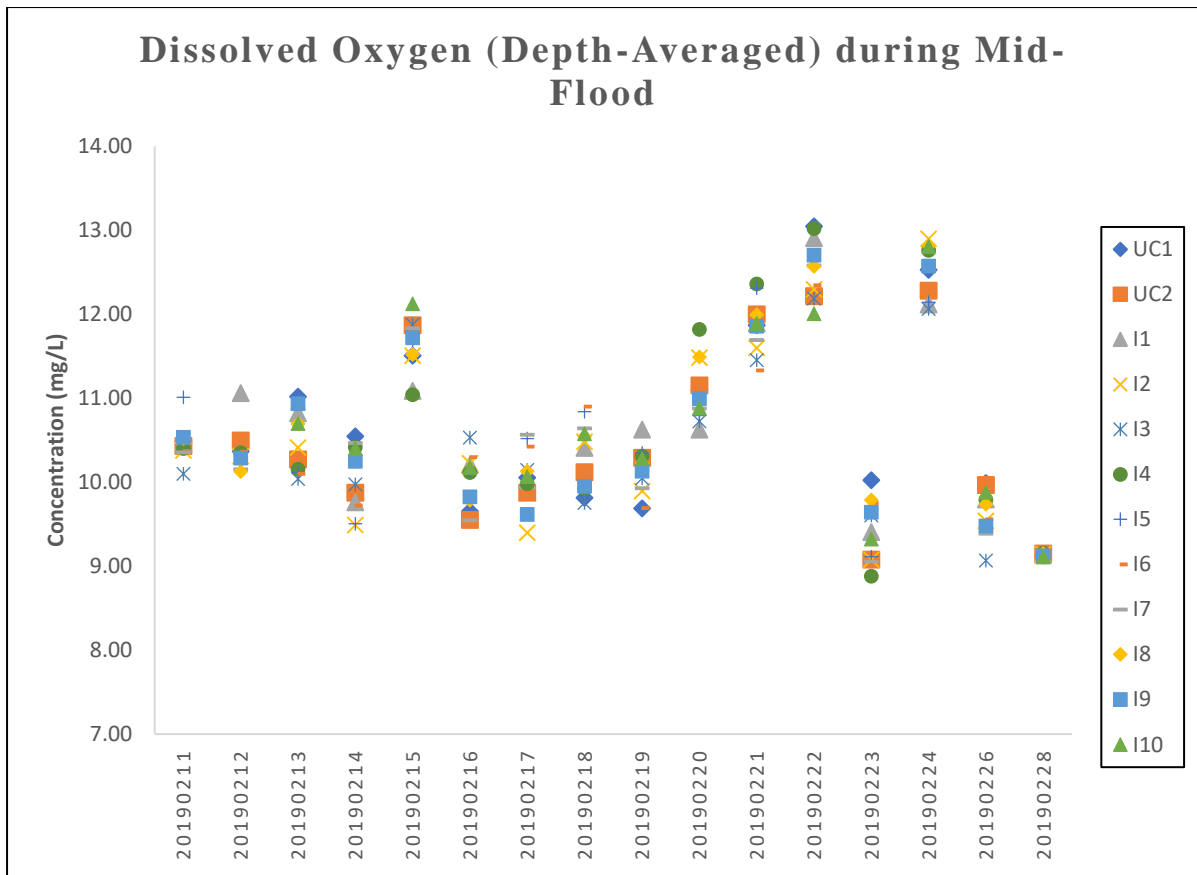




Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.10** of the monthly EM & A report.

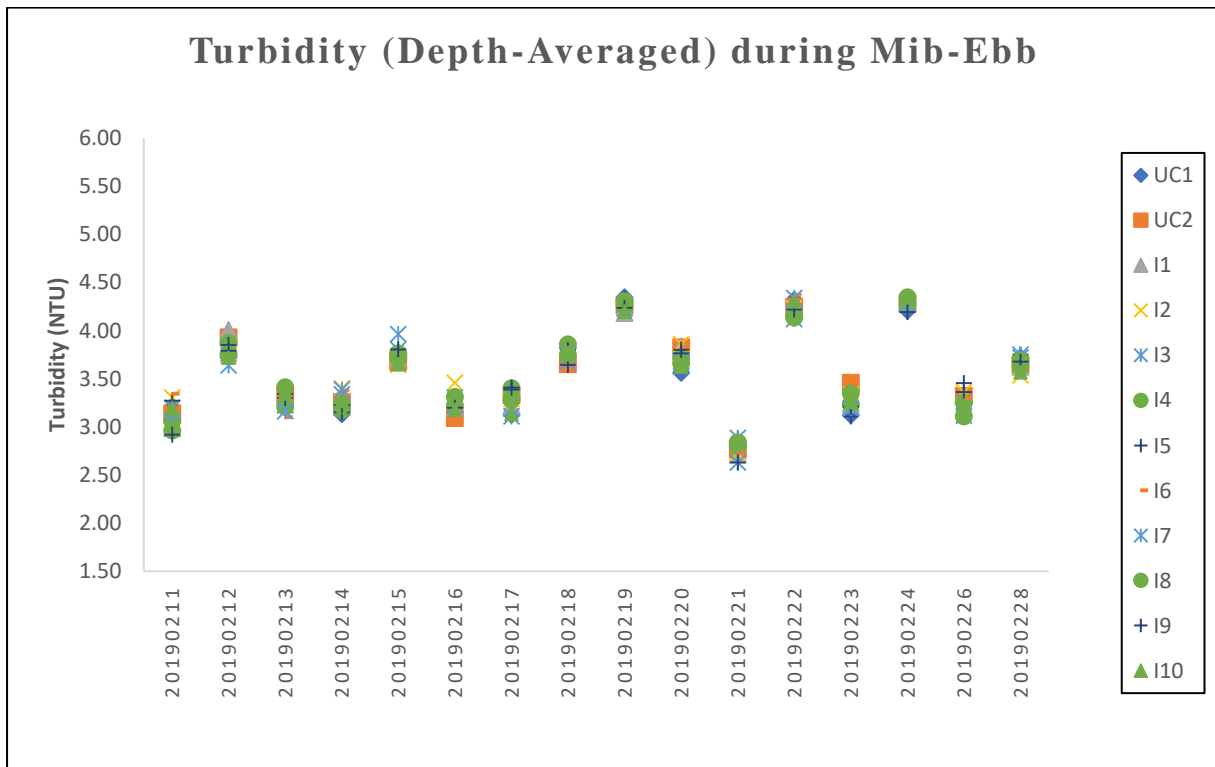
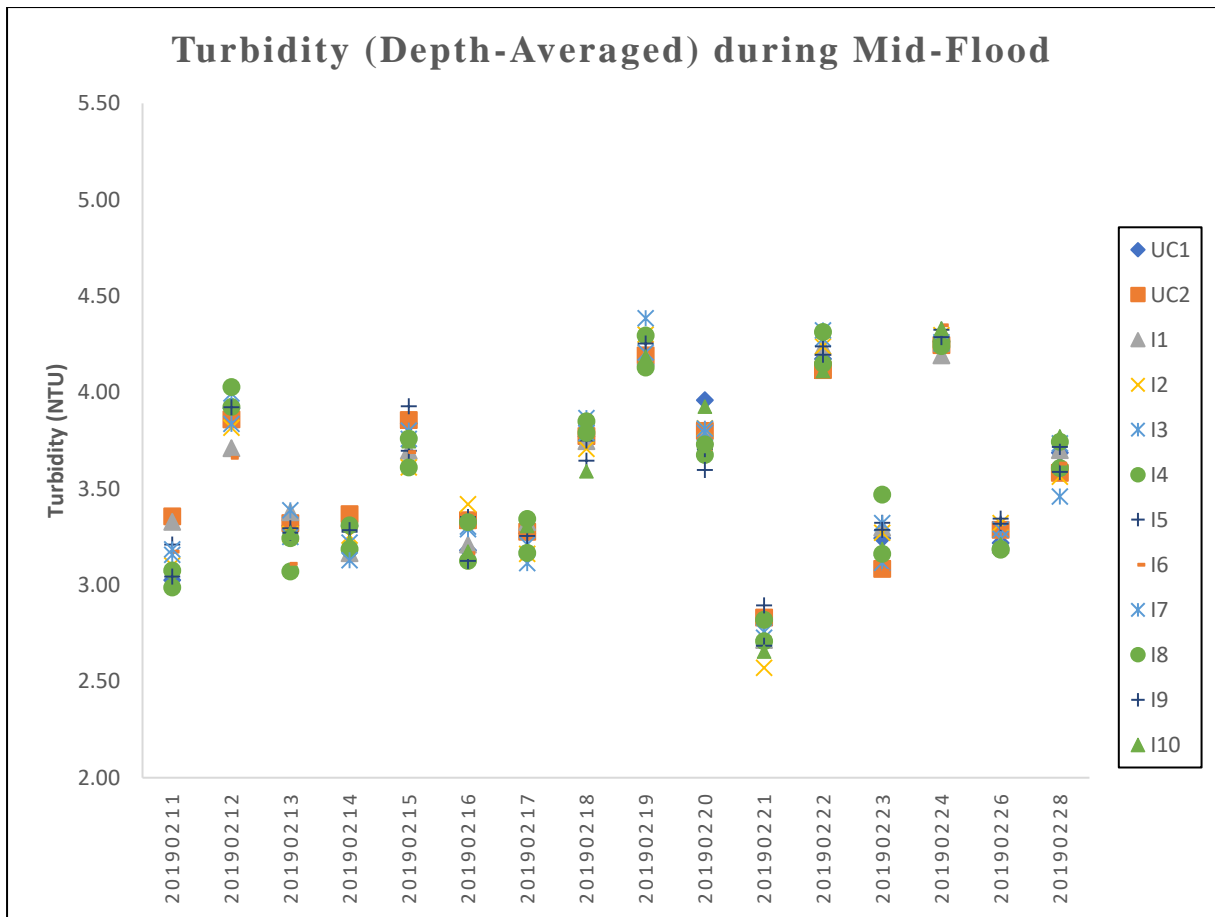


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.10** of the monthly EM & A report.

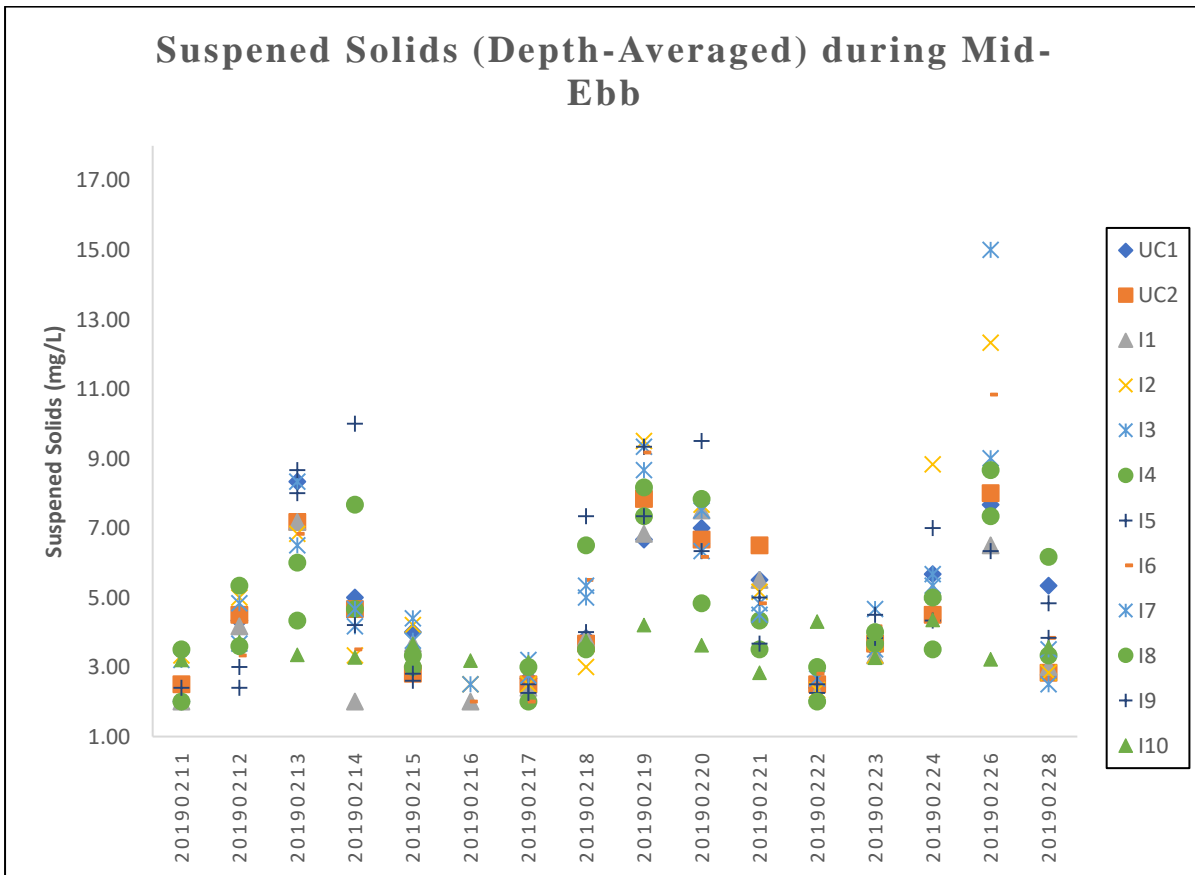
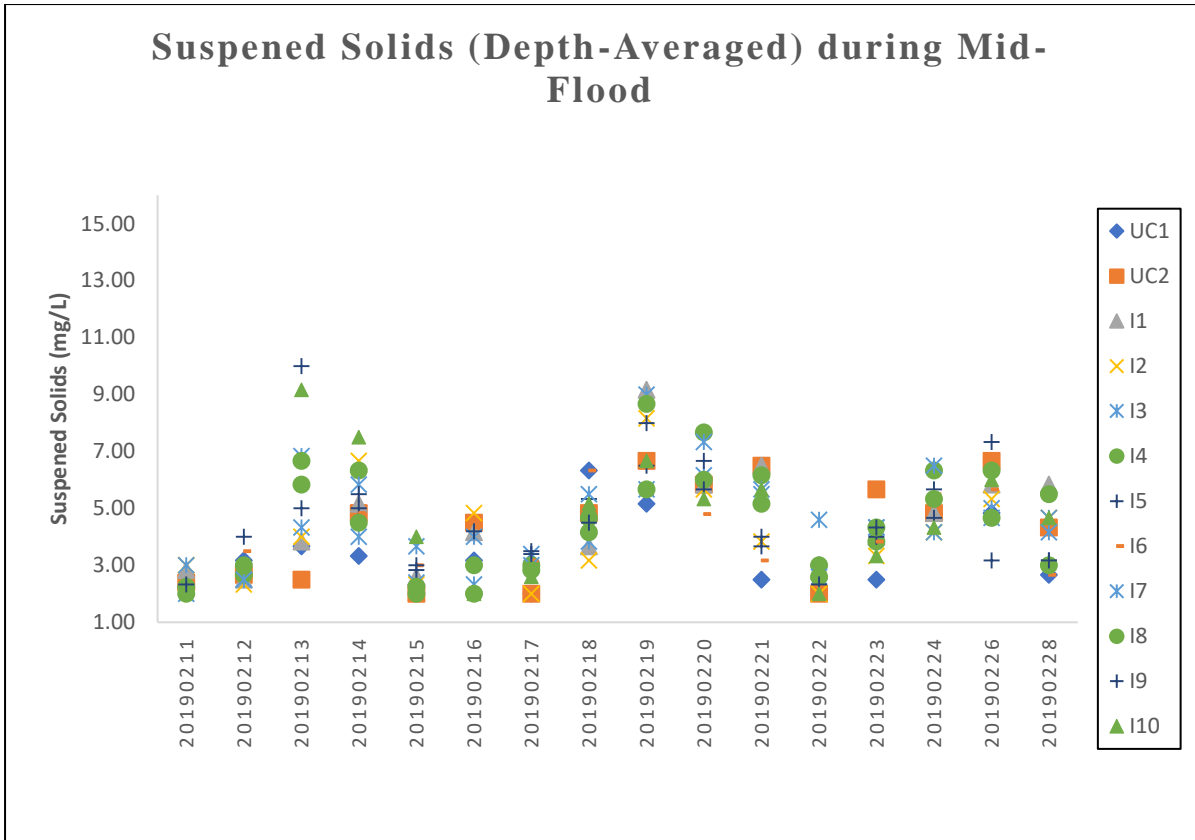


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.10** of the monthly EM & A report.



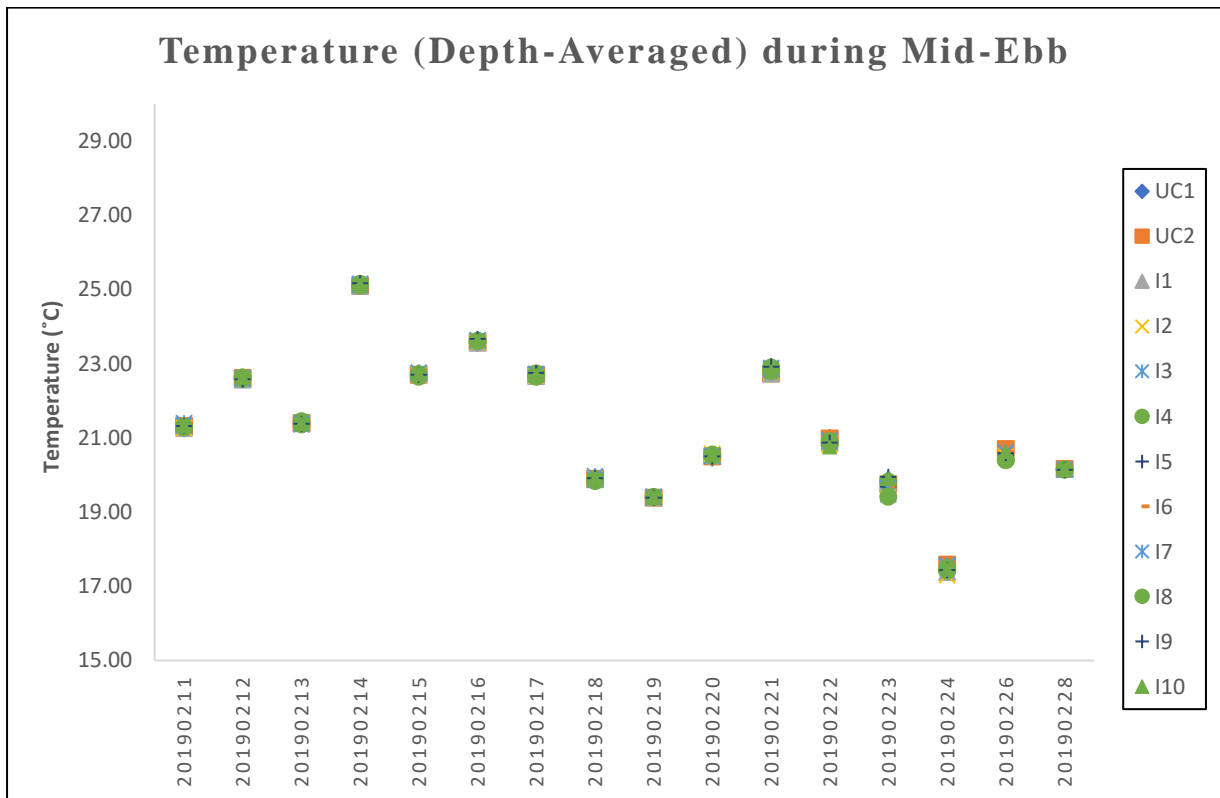
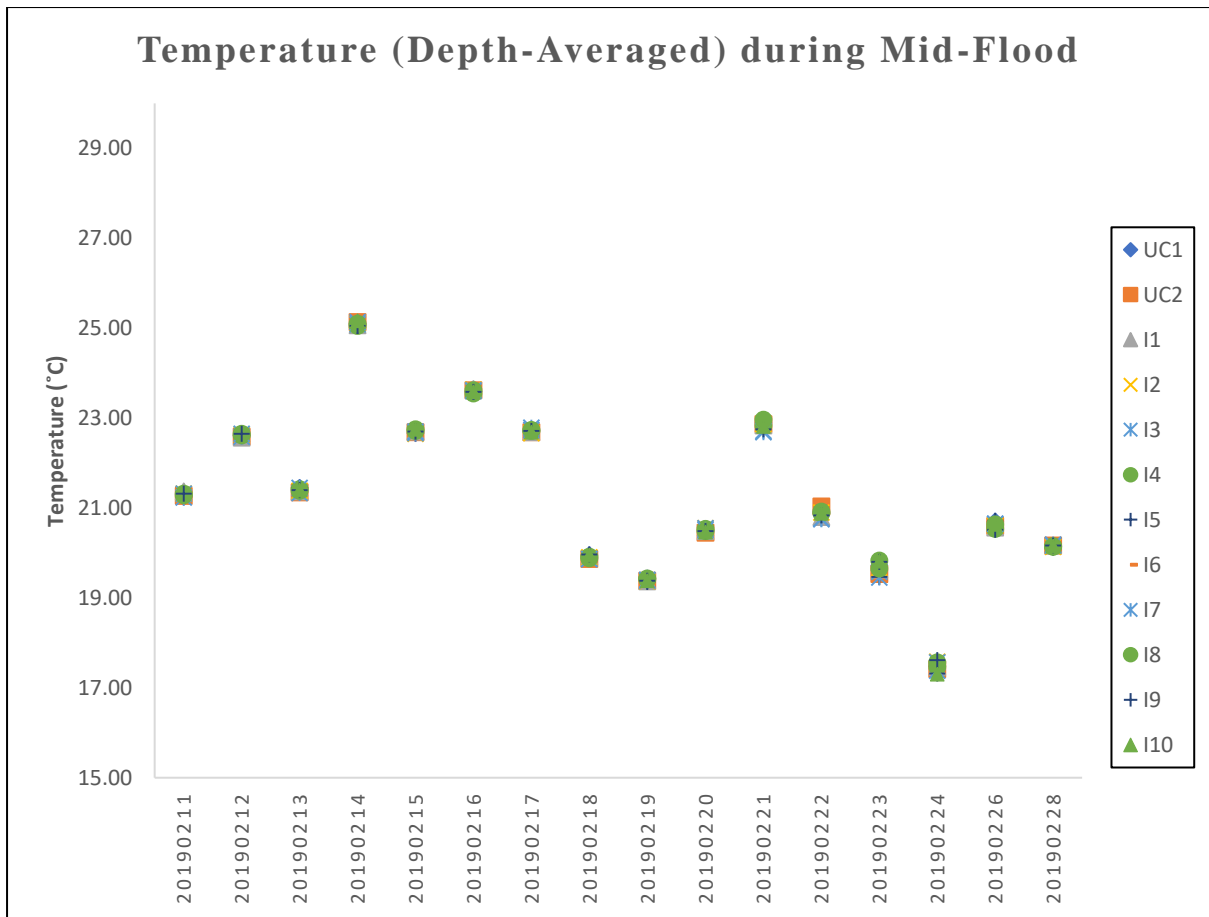


Note: The Action and Limit Level of turbidity can be referred to **Table 2.10** of the monthly EM & A report.

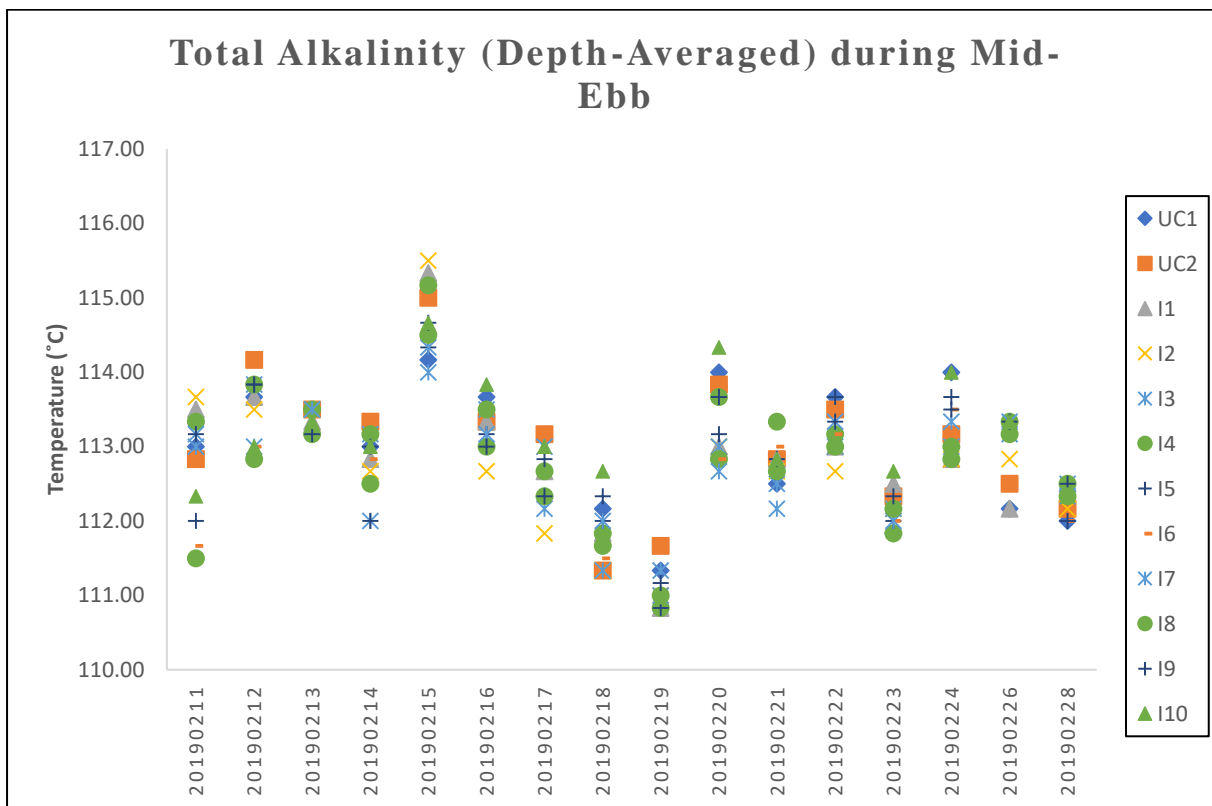
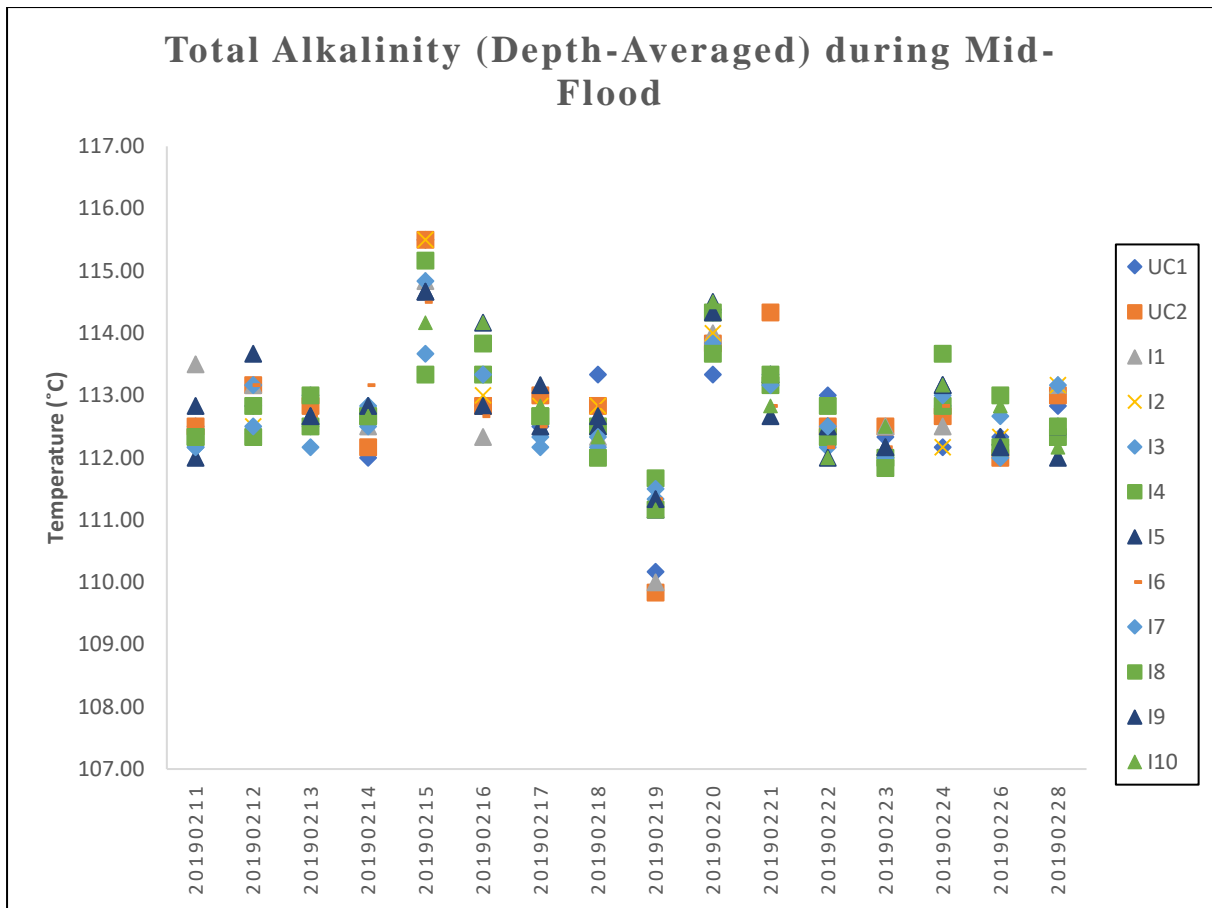


Note: The Action and Limit Level of suspended solids can be referred to **Table 2.10** of the monthly EM & A report.





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



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