

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 note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B1	20200702	Cloudy	Moderate	Mid-Ebb	B	4	12:09	7.39	8.4	31.99	29.51	2.71	5	99	0.224	SE
B1	20200702	Cloudy	Moderate	Mid-Ebb	B	4	12:09	8.34	8.66	32.05	29.24	2.98	4	99	0.207	SE
B1	20200702	Cloudy	Moderate	Mid-Ebb	S	1	12:10	7.31	8.3	32.15	29.31	2.32	4	99	0.227	E
B1	20200702	Cloudy	Moderate	Mid-Ebb	S	1	12:10	7.42	8.22	31.79	29.25	2.05	5	100	0.137	SE
B2	20200702	Cloudy	Moderate	Mid-Ebb	B	4.2	9:55	8.51	8.36	32.17	29	2.78	5	100	0.157	E
B2	20200702	Cloudy	Moderate	Mid-Ebb	B	4.2	9:55	7.23	8.31	31.85	28.9	3.04	4	98	0.225	SE
B2	20200702	Cloudy	Moderate	Mid-Ebb	S	1	9:56	7.82	8.48	32.11	28.77	2.49	5	99	0.197	SE
B2	20200702	Cloudy	Moderate	Mid-Ebb	S	1	9:56	7.37	8.33	31.92	28.78	2.47	5	99	0.223	SE
B3	20200702	Cloudy	Moderate	Mid-Ebb	B	3.4	11:32	7.56	8.26	31.96	29.33	3.05	6	99	0.192	SE
B3	20200702	Cloudy	Moderate	Mid-Ebb	B	3.4	11:32	8.23	8.27	32.09	29.46	2.9	5	100	0.199	E
B3	20200702	Cloudy	Moderate	Mid-Ebb	S	1	11:33	7.82	8.28	31.88	29.18	2.24	4	100	0.215	SE
B3	20200702	Cloudy	Moderate	Mid-Ebb	S	1	11:33	7.86	8.37	32.08	29.46	2.4	5	99	0.204	E
B4	20200702	Cloudy	Moderate	Mid-Ebb	B	3.7	11:23	7.95	8.45	31.82	29.04	2.89	4	100	0.171	E
B4	20200702	Cloudy	Moderate	Mid-Ebb	B	3.7	11:23	9.11	8.43	31.87	29.23	2.79	5	99	0.192	SE
B4	20200702	Cloudy	Moderate	Mid-Ebb	S	1	11:24	7.53	8.37	32.06	29.01	2.03	5	100	0.153	SE
B4	20200702	Cloudy	Moderate	Mid-Ebb	S	1	11:24	8.01	8.58	32.17	29.19	2.45	5	99	0.146	SE
C1A	20200702	Cloudy	Moderate	Mid-Ebb	B	9.2	9:54	8.82	8.4	32.1	28.86	3.07	3	100	0.191	SE
C1A	20200702	Cloudy	Moderate	Mid-Ebb	B	9.2	9:54	8.06	8.46	31.91	28.82	2.88	3	99	0.196	SE
C1A	20200702	Cloudy	Moderate	Mid-Ebb	M	5.1	9:55	8.82	8.38	32.02	28.85	2.23	3	99	0.179	SE
C1A	20200702	Cloudy	Moderate	Mid-Ebb	M	5.1	9:55	7.5	8.36	32.04	28.81	2.12	4	99	0.138	SE
C1A	20200702	Cloudy	Moderate	Mid-Ebb	S	1	9:56	7.95	8.48	32.18	28.98	2.33	4	100	0.141	E
C1A	20200702	Cloudy	Moderate	Mid-Ebb	S	1	9:56	8.1	8.32	32.04	28.91	2.47	4	100	0.152	SE
C2A	20200702	Cloudy	Moderate	Mid-Ebb	B	11.4	11:07	9	8.6	31.83	28.95	2.6	4	100	0.193	SE
C2A	20200702	Cloudy	Moderate	Mid-Ebb	B	11.4	11:07	8.88	8.39	31.87	29.17	2.88	4	99	0.194	SE
C2A	20200702	Cloudy	Moderate	Mid-Ebb	M	6.2	11:08	7.71	8.56	32.05	29.12	2.12	4	99	0.133	SE
C2A	20200702	Cloudy	Moderate	Mid-Ebb	M	6.2	11:08	8.31	8.35	31.79	29.02	2.44	3	99	0.164	SE
C2A	20200702	Cloudy	Moderate	Mid-Ebb	S	1	11:09	8.89	8.55	31.92	29.18	2.25	3	100	0.181	SE
C2A	20200702	Cloudy	Moderate	Mid-Ebb	S	1	11:09	9	8.65	31.91	29.03	2.18	3	99	0.198	SE

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CR1	20200702	Cloudy	Moderate	Mid-Ebb	B	11.8	10:50	7.29	8.3	32.04	29.16	3.12	2	99	0.163	SE
CR1	20200702	Cloudy	Moderate	Mid-Ebb	B	11.8	10:50	8.91	8.56	32.08	29.01	2.54	2	99	0.158	SE
CR1	20200702	Cloudy	Moderate	Mid-Ebb	M	6.4	10:51	8.49	8.24	32.17	28.97	2.39	3	99	0.131	SE
CR1	20200702	Cloudy	Moderate	Mid-Ebb	M	6.4	10:51	8.91	8.45	32.02	28.94	2.39	3	99	0.133	E
CR1	20200702	Cloudy	Moderate	Mid-Ebb	S	1	10:52	8.82	8.63	31.84	28.94	2.38	3	100	0.187	SE
CR1	20200702	Cloudy	Moderate	Mid-Ebb	S	1	10:52	8.3	8.39	31.77	29.12	2.05	3	100	0.142	E
CR2	20200702	Cloudy	Moderate	Mid-Ebb	B	10	10:28	8.7	8.6	32.02	28.84	2.93	2	100	0.143	E
CR2	20200702	Cloudy	Moderate	Mid-Ebb	B	10	10:28	8.89	8.23	31.9	28.89	2.98	3	99	0.155	E
CR2	20200702	Cloudy	Moderate	Mid-Ebb	M	5.5	10:29	7.39	8.66	32.15	28.93	2.32	3	101	0.156	SE
CR2	20200702	Cloudy	Moderate	Mid-Ebb	M	5.5	10:29	7.85	8.5	32	28.95	2.22	3	100	0.173	E
CR2	20200702	Cloudy	Moderate	Mid-Ebb	S	1	10:30	9.05	8.51	31.93	28.99	2.38	4	99	0.165	SE
CR2	20200702	Cloudy	Moderate	Mid-Ebb	S	1	10:30	9.1	8.49	32.1	29.14	2.43	3	99	0.176	E
F1A	20200702	Cloudy	Moderate	Mid-Ebb	B	8	12:36	8.53	8.27	32.1	29.58	2.89	4	99	0.153	SE
F1A	20200702	Cloudy	Moderate	Mid-Ebb	B	8	12:36	7.95	8.35	31.95	29.52	2.9	4	98	0.174	SE
F1A	20200702	Cloudy	Moderate	Mid-Ebb	M	4.5	12:37	8.99	8.61	32.12	29.34	2.07	4	99	0.153	SE
F1A	20200702	Cloudy	Moderate	Mid-Ebb	M	4.5	12:37	8.37	8.4	32.13	29.58	2.21	3	98	0.175	E
F1A	20200702	Cloudy	Moderate	Mid-Ebb	S	1	12:38	8.01	8.51	31.96	29.64	2.36	4	99	0.191	E
F1A	20200702	Cloudy	Moderate	Mid-Ebb	S	1	12:38	9.13	8.23	32.05	29.54	2.57	3	99	0.229	SE
H1	20200702	Cloudy	Moderate	Mid-Ebb	B	7.1	10:14	7.89	8.35	31.88	28.8	2.54	6	100	0.2	E
H1	20200702	Cloudy	Moderate	Mid-Ebb	B	7.1	10:14	9.09	8.37	32.08	29	2.97	5	99	0.15	SE
H1	20200702	Cloudy	Moderate	Mid-Ebb	M	4.05	10:15	8.78	8.37	32.1	28.76	2.43	6	99	0.161	SE
H1	20200702	Cloudy	Moderate	Mid-Ebb	M	4.05	10:15	8.92	8.25	32.13	28.83	2.59	5	100	0.229	E
H1	20200702	Cloudy	Moderate	Mid-Ebb	S	1	10:16	8.8	8.55	32.1	28.88	2.07	5	99	0.222	SE
H1	20200702	Cloudy	Moderate	Mid-Ebb	S	1	10:16	9.11	8.34	31.87	28.88	2.44	4	99	0.194	SE
M1	20200702	Cloudy	Moderate	Mid-Ebb	B	8.2	12:59	8.78	8.4	31.77	29.42	2.55	3	100	0.216	SE
M1	20200702	Cloudy	Moderate	Mid-Ebb	B	8.2	12:59	8.27	8.55	31.77	29.55	2.79	4	100	0.197	SE
M1	20200702	Cloudy	Moderate	Mid-Ebb	M	4.6	13:00	8.34	8.48	31.91	29.69	2.54	3	99	0.188	SE
M1	20200702	Cloudy	Moderate	Mid-Ebb	M	4.6	13:00	7.73	8.41	32.14	29.71	2.27	3	100	0.167	SE

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M1	20200702	Cloudy	Moderate	Mid-Ebb	S	1	13:01	8.06	8.64	31.91	29.68	2.22	3	99	0.205	SE
M1	20200702	Cloudy	Moderate	Mid-Ebb	S	1	13:01	8.65	8.38	31.8	29.45	2.38	3	99	0.161	E
S1	20200702	Cloudy	Moderate	Mid-Ebb	B	3.8	12:25	8.09	8.46	32.08	29.57	2.62	4	99	0.196	SE
S1	20200702	Cloudy	Moderate	Mid-Ebb	B	3.8	12:25	7.79	8.49	31.89	29.62	2.67	4	100	0.149	E
S1	20200702	Cloudy	Moderate	Mid-Ebb	S	1	12:26	8.78	8.38	31.93	29.32	2.49	3	99	0.228	E
S1	20200702	Cloudy	Moderate	Mid-Ebb	S	1	12:26	8.57	8.43	32.04	29.38	2.19	4	99	0.168	SE
S2A	20200702	Cloudy	Moderate	Mid-Ebb	B	8.2	11:51	8.7	8.45	32.04	29.32	3.04	4	99	0.187	SE
S2A	20200702	Cloudy	Moderate	Mid-Ebb	B	8.2	11:51	9.09	8.55	32.03	29.55	2.76	3	100	0.213	E
S2A	20200702	Cloudy	Moderate	Mid-Ebb	M	4.6	11:52	7.23	8.27	32.14	29.33	2.29	3	100	0.177	E
S2A	20200702	Cloudy	Moderate	Mid-Ebb	M	4.6	11:52	7.32	8.22	31.8	29.56	2.14	4	99	0.227	E
S2A	20200702	Cloudy	Moderate	Mid-Ebb	S	1	11:53	9.11	8.36	31.92	29.33	2.35	3	100	0.195	E
S2A	20200702	Cloudy	Moderate	Mid-Ebb	S	1	11:53	7.45	8.37	31.88	29.35	2.08	4	99	0.229	SE
S3	20200702	Cloudy	Moderate	Mid-Ebb	B	10.4	10:37	8.99	8.46	31.89	29.11	2.79	4	99	0.149	E
S3	20200702	Cloudy	Moderate	Mid-Ebb	B	10.4	10:37	8.39	8.25	31.91	28.92	3.13	4	99	0.175	SE
S3	20200702	Cloudy	Moderate	Mid-Ebb	M	5.7	10:38	8.34	8.61	31.87	29.13	2.3	4	99	0.191	SE
S3	20200702	Cloudy	Moderate	Mid-Ebb	M	5.7	10:38	8.69	8.38	31.93	28.94	2.39	4	99	0.133	SE
S3	20200702	Cloudy	Moderate	Mid-Ebb	S	1	10:39	8.9	8.57	31.84	28.92	2.32	4	100	0.186	SE
S3	20200702	Cloudy	Moderate	Mid-Ebb	S	1	10:39	8.82	8.31	31.93	28.89	2.37	4	100	0.142	E
B1	20200702	Cloudy	Moderate	Mid-Flood	B	4.4	16:34	8.32	8.26	32.13	29.94	2.54	4	95	0.245	W
B1	20200702	Cloudy	Moderate	Mid-Flood	B	4.4	16:34	8.83	8.44	31.88	30.14	2.6	5	95	0.23	W
B1	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:35	9.23	8.61	32.01	30.09	2.2	4	95	0.261	W
B1	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:35	7.6	8.29	31.81	29.96	2.25	5	95	0.194	W
B2	20200702	Cloudy	Moderate	Mid-Flood	B	4.1	15:16	7.48	8.51	31.95	30.33	2.87	5	95	0.247	W
B2	20200702	Cloudy	Moderate	Mid-Flood	B	4.1	15:16	8.7	8.6	32.15	30.18	2.53	5	96	0.196	NW
B2	20200702	Cloudy	Moderate	Mid-Flood	S	1	15:17	8.63	8.33	32.29	30.28	2.05	4	95	0.252	W
B2	20200702	Cloudy	Moderate	Mid-Flood	S	1	15:17	8.05	8.46	32.2	30.28	2.05	4	95	0.221	W
B3	20200702	Cloudy	Moderate	Mid-Flood	B	4.2	16:01	8.85	8.58	32.13	30.18	3.03	5	95	0.211	W
B3	20200702	Cloudy	Moderate	Mid-Flood	B	4.2	16:01	8.74	8.37	31.9	30.3	3.07	6	95	0.246	W

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B3	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:02	7.44	8.39	32.28	30.25	2.56	4	95	0.154	W
B3	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:02	9.22	8.4	32.2	30.31	2.03	5	95	0.183	W
B4	20200702	Cloudy	Moderate	Mid-Flood	B	4.3	16:09	8.18	8.55	31.91	30.06	2.64	4	95	0.261	NW
B4	20200702	Cloudy	Moderate	Mid-Flood	B	4.3	16:09	7.8	8.35	32.01	30.16	2.71	5	95	0.203	NW
B4	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:10	7.58	8.34	31.89	30.2	2.54	4	95	0.232	NW
B4	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:10	7.26	8.39	32.06	30.13	2.41	4	95	0.218	W
C1A	20200702	Cloudy	Moderate	Mid-Flood	B	10.3	16:17	7.72	8.32	31.87	30.05	2.66	4	94	0.188	W
C1A	20200702	Cloudy	Moderate	Mid-Flood	B	10.3	16:17	7.46	8.39	31.93	30.27	2.58	4	95	0.234	W
C1A	20200702	Cloudy	Moderate	Mid-Flood	M	5.65	16:18	8.93	8.46	32.05	30.07	2.69	4	95	0.215	W
C1A	20200702	Cloudy	Moderate	Mid-Flood	M	5.65	16:18	7.24	8.55	31.74	30.16	2.26	4	95	0.159	W
C1A	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:19	9.12	8.29	32.17	30.21	2.09	3	94	0.25	W
C1A	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:19	8.18	8.53	31.86	30.24	2.13	4	94	0.255	W
C2A	20200702	Cloudy	Moderate	Mid-Flood	B	10.7	15:15	7.91	8.41	31.73	30.23	2.71	4	95	0.219	W
C2A	20200702	Cloudy	Moderate	Mid-Flood	B	10.7	15:15	8.03	8.35	31.99	30.35	3	4	95	0.203	W
C2A	20200702	Cloudy	Moderate	Mid-Flood	M	5.85	15:16	8.74	8.32	31.73	30.22	2.56	3	95	0.152	W
C2A	20200702	Cloudy	Moderate	Mid-Flood	M	5.85	15:16	7.54	8.4	32.1	30.23	2.6	4	94	0.203	NW
C2A	20200702	Cloudy	Moderate	Mid-Flood	S	1	15:17	7.52	8.49	32.32	30.28	2.17	3	95	0.248	W
C2A	20200702	Cloudy	Moderate	Mid-Flood	S	1	15:17	8.13	8.25	31.78	30.27	2.47	4	95	0.229	W
CR1	20200702	Cloudy	Moderate	Mid-Flood	B	12.1	15:35	8.86	8.31	31.82	30.34	2.86	5	95	0.169	NW
CR1	20200702	Cloudy	Moderate	Mid-Flood	B	12.1	15:35	7.36	8.49	32.1	30.23	2.79	6	95	0.275	NW
CR1	20200702	Cloudy	Moderate	Mid-Flood	M	6.55	15:36	8.39	8.56	31.88	30.18	2.34	5	95	0.189	W
CR1	20200702	Cloudy	Moderate	Mid-Flood	M	6.55	15:36	8.38	8.59	31.9	30.09	2.68	6	96	0.256	W
CR1	20200702	Cloudy	Moderate	Mid-Flood	S	1	15:37	7.95	8.61	31.83	30.18	2.5	5	96	0.276	NW
CR1	20200702	Cloudy	Moderate	Mid-Flood	S	1	15:37	9	8.55	31.84	30.25	2	4	96	0.245	NW
CR2	20200702	Cloudy	Moderate	Mid-Flood	B	10.8	15:50	8.93	8.57	31.79	30.14	2.57	4	95	0.225	W
CR2	20200702	Cloudy	Moderate	Mid-Flood	B	10.8	15:50	8.45	8.59	32.19	30.14	2.51	4	96	0.208	W
CR2	20200702	Cloudy	Moderate	Mid-Flood	M	5.9	15:51	7.28	8.56	31.89	30.29	2.34	4	95	0.259	W
CR2	20200702	Cloudy	Moderate	Mid-Flood	M	5.9	15:51	8.86	8.47	32.08	30.21	2.56	4	95	0.257	NW

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CR2	20200702	Cloudy	Moderate	Mid-Flood	S	1	15:52	8.15	8.42	32.29	30.23	2.4	5	95	0.176	W
CR2	20200702	Cloudy	Moderate	Mid-Flood	S	1	15:52	8.18	8.38	31.88	30.12	2.19	5	95	0.237	NW
F1A	20200702	Cloudy	Moderate	Mid-Flood	B	7.7	16:27	8.41	8.33	32.26	30.08	2.76	6	94	0.266	W
F1A	20200702	Cloudy	Moderate	Mid-Flood	B	7.7	16:27	7.72	8.34	32.24	30.2	2.53	5	94	0.274	W
F1A	20200702	Cloudy	Moderate	Mid-Flood	M	4.35	16:28	8.45	8.51	31.7	30.18	2.32	5	95	0.252	W
F1A	20200702	Cloudy	Moderate	Mid-Flood	M	4.35	16:28	7.73	8.31	31.72	30.2	2.39	5	94	0.158	W
F1A	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:29	8.98	8.58	31.93	30.04	2.37	5	94	0.176	W
F1A	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:29	8.23	8.51	32.31	30.09	2.17	4	95	0.234	W
H1	20200702	Cloudy	Moderate	Mid-Flood	B	6.7	16:40	8.91	8.48	31.92	30.18	2.88	4	95	0.261	W
H1	20200702	Cloudy	Moderate	Mid-Flood	B	6.7	16:40	9.19	8.34	31.77	30.14	2.63	4	95	0.174	W
H1	20200702	Cloudy	Moderate	Mid-Flood	M	3.85	16:41	7.77	8.33	32.22	30.02	2.52	5	95	0.241	NW
H1	20200702	Cloudy	Moderate	Mid-Flood	M	3.85	16:41	8.2	8.29	32.32	30.09	2.61	5	95	0.241	W
H1	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:42	9.19	8.34	31.78	30.03	2.14	5	95	0.213	W
H1	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:42	7.99	8.44	31.66	30.18	2.14	6	94	0.178	NW
M1	20200702	Cloudy	Moderate	Mid-Flood	B	7.5	16:48	7.33	8.51	32.16	30.14	2.84	4	95	0.188	NW
M1	20200702	Cloudy	Moderate	Mid-Flood	B	7.5	16:48	7.42	8.5	31.91	29.88	2.48	4	95	0.181	NW
M1	20200702	Cloudy	Moderate	Mid-Flood	M	4.25	16:49	9.24	8.61	32.28	29.91	2.45	4	95	0.152	W
M1	20200702	Cloudy	Moderate	Mid-Flood	M	4.25	16:49	8.78	8.57	31.96	30.06	2.43	3	95	0.214	W
M1	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:50	7.46	8.26	31.77	30.07	2.42	3	95	0.186	W
M1	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:50	9.1	8.58	31.75	30.14	2.16	4	95	0.221	W
S1	20200702	Cloudy	Moderate	Mid-Flood	B	4.8	15:25	8.92	8.51	32.3	30.16	2.97	6	96	0.174	W
S1	20200702	Cloudy	Moderate	Mid-Flood	B	4.8	15:25	9.05	8.29	32.3	30.31	2.62	5	94	0.206	NW
S1	20200702	Cloudy	Moderate	Mid-Flood	S	1	15:26	8.37	8.43	31.83	30.11	1.94	3	94	0.185	NW
S1	20200702	Cloudy	Moderate	Mid-Flood	S	1	15:26	8.45	8.51	32.19	30.16	2.39	4	95	0.247	W
S2A	20200702	Cloudy	Moderate	Mid-Flood	B	8.2	15:47	7.43	8.45	32.03	30.11	2.6	6	95	0.252	W
S2A	20200702	Cloudy	Moderate	Mid-Flood	B	8.2	15:47	9.15	8.43	31.74	30.23	2.8	6	95	0.202	W
S2A	20200702	Cloudy	Moderate	Mid-Flood	M	4.6	15:48	7.85	8.26	32.08	30.13	2.42	4	94	0.271	NW
S2A	20200702	Cloudy	Moderate	Mid-Flood	M	4.6	15:48	8.86	8.4	31.88	30.19	2.28	5	95	0.25	W

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 note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20200702	Cloudy	Moderate	Mid-Flood	S	1	15:49	8.79	8.49	32.33	30.39	2.03	5	94	0.214	W
S2A	20200702	Cloudy	Moderate	Mid-Flood	S	1	15:49	7.31	8.29	31.98	30.29	2.43	4	95	0.152	W
S3	20200702	Cloudy	Moderate	Mid-Flood	B	8.4	15:59	8.52	8.43	32.26	30.2	2.97	6	94	0.193	W
S3	20200702	Cloudy	Moderate	Mid-Flood	B	8.4	15:59	7.81	8.6	31.98	30.12	2.67	7	95	0.185	W
S3	20200702	Cloudy	Moderate	Mid-Flood	M	4.7	16:00	7.79	8.58	31.72	30.11	2.37	7	94	0.188	W
S3	20200702	Cloudy	Moderate	Mid-Flood	M	4.7	16:00	8.77	8.36	32.29	30.15	2.68	6	95	0.185	W
S3	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:01	7.35	8.5	32.26	30.12	2.24	6	95	0.23	NW
S3	20200702	Cloudy	Moderate	Mid-Flood	S	1	16:01	8.62	8.45	31.78	30.04	2.15	6	95	0.167	W
B1	20200704	Cloudy	Moderate	Mid-Ebb	B	3.8	12:19	7.9	8.33	31.42	29.95	2.67	4	100	0.197	SE
B1	20200704	Cloudy	Moderate	Mid-Ebb	B	3.8	12:19	7.82	8.6	32.19	30.05	2.95	5	99	0.209	E
B1	20200704	Cloudy	Moderate	Mid-Ebb	S	1	12:20	6.99	8.29	31.85	29.7	2.14	3	99	0.206	SE
B1	20200704	Cloudy	Moderate	Mid-Ebb	S	1	12:20	7.37	8.61	32.05	29.89	2.46	4	99	0.193	E
B2	20200704	Cloudy	Moderate	Mid-Ebb	B	4.9	12:35	7.37	8.32	31.7	29.81	2.57	2	100	0.193	E
B2	20200704	Cloudy	Moderate	Mid-Ebb	B	4.9	12:35	6.89	8.61	31.62	29.94	2.67	2	100	0.205	SE
B2	20200704	Cloudy	Moderate	Mid-Ebb	S	1	12:36	7.6	8.66	31.65	30.03	2.25	3	100	0.178	SE
B2	20200704	Cloudy	Moderate	Mid-Ebb	S	1	12:36	8.04	8.64	31.59	29.88	2.13	2	100	0.192	E
B3	20200704	Cloudy	Moderate	Mid-Ebb	B	4.5	11:50	6.95	8.61	31.57	29.86	2.64	3	100	0.153	E
B3	20200704	Cloudy	Moderate	Mid-Ebb	B	4.5	11:50	7.61	8.45	31.87	29.74	3.17	3	100	0.181	SE
B3	20200704	Cloudy	Moderate	Mid-Ebb	S	1	11:51	7.61	8.52	31.87	29.81	2.02	3	101	0.185	E
B3	20200704	Cloudy	Moderate	Mid-Ebb	S	1	11:51	7.21	8.26	31.91	29.94	2.5	3	101	0.192	SE
B4	20200704	Cloudy	Moderate	Mid-Ebb	B	3.6	11:42	7.69	8.62	31.42	29.77	2.66	4	100	0.195	E
B4	20200704	Cloudy	Moderate	Mid-Ebb	B	3.6	11:42	7.86	8.32	32.12	29.74	2.96	4	101	0.168	SE
B4	20200704	Cloudy	Moderate	Mid-Ebb	S	1	11:43	7.36	8.61	32.07	30	2.01	3	100	0.157	SE
B4	20200704	Cloudy	Moderate	Mid-Ebb	S	1	11:43	7.51	8.56	32.26	29.7	2.36	3	100	0.209	SE
C1A	20200704	Cloudy	Moderate	Mid-Ebb	B	8.7	9:54	7.35	8.36	31.53	29.89	2.98	2	101	0.172	SE
C1A	20200704	Cloudy	Moderate	Mid-Ebb	B	8.7	9:54	7.61	8.33	32.22	29.74	3.06	2	101	0.174	E
C1A	20200704	Cloudy	Moderate	Mid-Ebb	M	4.85	9:55	7.45	8.35	32.02	29.72	2.22	3	100	0.204	SE
C1A	20200704	Cloudy	Moderate	Mid-Ebb	M	4.85	9:55	7.42	8.61	31.39	29.73	2.5	3	100	0.192	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20200704	Cloudy	Moderate	Mid-Ebb	S	1	9:56	6.99	8.54	32.31	29.81	2.11	3	101	0.212	E
C1A	20200704	Cloudy	Moderate	Mid-Ebb	S	1	9:56	7.23	8.33	31.95	29.82	2.09	3	100	0.161	SE
C2A	20200704	Cloudy	Moderate	Mid-Ebb	B	11.2	11:13	7.7	8.47	31.63	30.02	2.74	6	101	0.208	E
C2A	20200704	Cloudy	Moderate	Mid-Ebb	B	11.2	11:13	8.11	8.63	32.33	29.81	2.88	5	100	0.209	E
C2A	20200704	Cloudy	Moderate	Mid-Ebb	M	6.1	11:14	7.3	8.46	31.6	29.88	2.55	5	100	0.206	SE
C2A	20200704	Cloudy	Moderate	Mid-Ebb	M	6.1	11:14	7.91	8.51	31.44	29.93	2.37	4	100	0.146	E
C2A	20200704	Cloudy	Moderate	Mid-Ebb	S	1	11:15	8.11	8.27	32.31	29.86	2.28	3	100	0.154	SE
C2A	20200704	Cloudy	Moderate	Mid-Ebb	S	1	11:15	7.05	8.27	32.28	29.83	2.35	4	100	0.189	E
CR1	20200704	Cloudy	Moderate	Mid-Ebb	B	12.5	10:55	6.77	8.59	31.56	29.82	2.48	4	101	0.166	E
CR1	20200704	Cloudy	Moderate	Mid-Ebb	B	12.5	10:55	7.62	8.48	31.67	29.73	2.86	3	100	0.2	E
CR1	20200704	Cloudy	Moderate	Mid-Ebb	M	6.75	10:56	7.37	8.25	32.08	29.82	2.37	3	101	0.197	SE
CR1	20200704	Cloudy	Moderate	Mid-Ebb	M	6.75	10:56	6.81	8.5	31.63	29.73	1.96	3	101	0.149	SE
CR1	20200704	Cloudy	Moderate	Mid-Ebb	S	1	10:57	7.35	8.38	32.25	29.85	2.37	3	100	0.159	SE
CR1	20200704	Cloudy	Moderate	Mid-Ebb	S	1	10:57	6.92	8.29	32.24	29.73	2.45	3	100	0.18	SE
CR2	20200704	Cloudy	Moderate	Mid-Ebb	B	9.8	10:35	8.06	8.57	31.73	29.91	2.72	3	101	0.205	SE
CR2	20200704	Cloudy	Moderate	Mid-Ebb	B	9.8	10:35	7.97	8.31	31.44	29.86	2.68	3	101	0.176	SE
CR2	20200704	Cloudy	Moderate	Mid-Ebb	M	5.4	10:36	8.1	8.53	32.31	29.88	1.98	3	101	0.154	E
CR2	20200704	Cloudy	Moderate	Mid-Ebb	M	5.4	10:36	7.92	8.32	31.83	29.67	2.49	3	100	0.173	E
CR2	20200704	Cloudy	Moderate	Mid-Ebb	S	1	10:37	8	8.3	31.81	29.73	1.95	3	100	0.157	SE
CR2	20200704	Cloudy	Moderate	Mid-Ebb	S	1	10:37	7.56	8.66	31.88	29.89	2.32	4	100	0.193	E
F1A	20200704	Cloudy	Moderate	Mid-Ebb	B	6.9	11:20	7.79	8.27	31.46	29.91	2.72	2	101	0.172	E
F1A	20200704	Cloudy	Moderate	Mid-Ebb	B	6.9	11:20	7.81	8.29	31.89	29.94	2.57	3	100	0.202	SE
F1A	20200704	Cloudy	Moderate	Mid-Ebb	M	3.95	11:21	7.85	8.38	32.02	29.81	2.4	3	100	0.157	SE
F1A	20200704	Cloudy	Moderate	Mid-Ebb	M	3.95	11:21	7.54	8.52	32.02	29.84	2.47	4	100	0.206	SE
F1A	20200704	Cloudy	Moderate	Mid-Ebb	S	1	11:22	8	8.33	32.16	30.02	2.41	3	100	0.204	SE
F1A	20200704	Cloudy	Moderate	Mid-Ebb	S	1	11:22	7.86	8.48	31.59	29.98	2.48	4	100	0.189	E
H1	20200704	Cloudy	Moderate	Mid-Ebb	B	7.9	10:18	7.24	8.55	31.89	29.78	2.6	3	100	0.18	SE
H1	20200704	Cloudy	Moderate	Mid-Ebb	B	7.9	10:18	7.66	8.46	31.54	29.68	2.93	4	100	0.188	E

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 note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200704	Cloudy	Moderate	Mid-Ebb	M	4.45	10:19	7.95	8.26	31.62	29.92	2.19	3	100	0.146	E
H1	20200704	Cloudy	Moderate	Mid-Ebb	M	4.45	10:19	7.47	8.27	31.72	29.72	2.02	4	100	0.197	SE
H1	20200704	Cloudy	Moderate	Mid-Ebb	S	1	10:20	8.01	8.42	31.42	29.9	1.93	2	100	0.186	E
H1	20200704	Cloudy	Moderate	Mid-Ebb	S	1	10:20	7.63	8.6	32.02	29.73	2.48	3	100	0.148	E
M1	20200704	Cloudy	Moderate	Mid-Ebb	B	8.3	10:55	7.24	8.53	32.27	29.77	2.5	2	101	0.198	SE
M1	20200704	Cloudy	Moderate	Mid-Ebb	B	8.3	10:55	7.99	8.51	31.66	29.86	2.84	3	101	0.209	SE
M1	20200704	Cloudy	Moderate	Mid-Ebb	M	4.65	10:56	7.64	8.36	31.28	29.93	2.17	3	100	0.203	SE
M1	20200704	Cloudy	Moderate	Mid-Ebb	M	4.65	10:56	6.87	8.32	31.63	29.82	2.52	2	101	0.207	SE
M1	20200704	Cloudy	Moderate	Mid-Ebb	S	1	10:57	7.86	8.5	31.82	29.96	2.4	3	100	0.158	SE
M1	20200704	Cloudy	Moderate	Mid-Ebb	S	1	10:57	7.9	8.49	31.79	29.8	2.22	4	101	0.181	SE
S1	20200704	Cloudy	Moderate	Mid-Ebb	B	4.2	12:27	7.98	8.65	31.46	29.88	2.82	3	98	0.186	SE
S1	20200704	Cloudy	Moderate	Mid-Ebb	B	4.2	12:27	7.31	8.38	31.97	29.91	2.71	2	100	0.184	SE
S1	20200704	Cloudy	Moderate	Mid-Ebb	S	1	12:28	6.88	8.46	31.81	29.81	2.08	2	100	0.211	E
S1	20200704	Cloudy	Moderate	Mid-Ebb	S	1	12:28	7.42	8.55	31.5	29.7	2.49	2	101	0.192	SE
S2A	20200704	Cloudy	Moderate	Mid-Ebb	B	7.9	12:05	8.02	8.53	31.96	29.85	2.75	6	101	0.181	E
S2A	20200704	Cloudy	Moderate	Mid-Ebb	B	7.9	12:05	7.37	8.59	32.29	29.81	2.48	4	100	0.203	SE
S2A	20200704	Cloudy	Moderate	Mid-Ebb	M	4.45	12:06	6.96	8.45	31.94	30	2.42	2	101	0.202	SE
S2A	20200704	Cloudy	Moderate	Mid-Ebb	M	4.45	12:06	8.07	8.49	31.61	29.88	2.47	4	100	0.212	E
S2A	20200704	Cloudy	Moderate	Mid-Ebb	S	1	12:07	8.11	8.44	32.18	30.04	2.35	3	101	0.214	E
S2A	20200704	Cloudy	Moderate	Mid-Ebb	S	1	12:07	7.52	8.61	31.39	29.71	2.41	3	100	0.209	SE
S3	20200704	Cloudy	Moderate	Mid-Ebb	B	8.9	10:43	7.76	8.4	32.17	29.89	2.64	3	100	0.201	E
S3	20200704	Cloudy	Moderate	Mid-Ebb	B	8.9	10:43	7.36	8.57	31.37	29.85	2.78	3	101	0.171	SE
S3	20200704	Cloudy	Moderate	Mid-Ebb	M	4.95	10:44	7.81	8.47	31.81	29.85	2.14	3	101	0.156	E
S3	20200704	Cloudy	Moderate	Mid-Ebb	M	4.95	10:44	6.98	8.26	32.21	29.92	2.53	3	101	0.192	E
S3	20200704	Cloudy	Moderate	Mid-Ebb	S	1	10:45	6.98	8.31	31.41	29.81	2.59	3	100	0.194	E
S3	20200704	Cloudy	Moderate	Mid-Ebb	S	1	10:45	6.91	8.39	31.73	29.69	2.59	3	100	0.211	SE
B1	20200704	Cloudy	Moderate	Mid-Flood	B	3.6	15:46	7.42	8.29	31.41	31.04	3.37	4	99	0.174	W
B1	20200704	Cloudy	Moderate	Mid-Flood	B	3.6	15:46	7.97	8.52	32.1	30.99	3.28	4	100	0.183	W

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 note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B1	20200704	Cloudy	Moderate	Mid-Flood	S	1	15:47	7.6	8.24	31.84	30.96	2.92	2	99	0.224	W
B1	20200704	Cloudy	Moderate	Mid-Flood	S	1	15:47	7.91	8.61	31.95	31.02	2.86	3	100	0.229	W
B2	20200704	Cloudy	Moderate	Mid-Flood	B	3.5	15:31	8.01	8.46	31.46	31.05	3.19	3	99	0.206	NW
B2	20200704	Cloudy	Moderate	Mid-Flood	B	3.5	15:31	6.98	8.61	31.51	30.89	3.29	4	100	0.188	W
B2	20200704	Cloudy	Moderate	Mid-Flood	S	1	15:32	8.06	8.38	32.13	31.03	2.62	4	99	0.216	NW
B2	20200704	Cloudy	Moderate	Mid-Flood	S	1	15:32	6.89	8.6	31.62	30.95	2.54	5	99	0.168	NW
B3	20200704	Cloudy	Moderate	Mid-Flood	B	4.2	16:12	7.88	8.36	32.28	30.89	3.34	5	99	0.227	W
B3	20200704	Cloudy	Moderate	Mid-Flood	B	4.2	16:12	7.3	8.3	32.06	30.81	3.6	4	100	0.214	NW
B3	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:13	8	8.51	31.41	31	2.89	4	99	0.228	W
B3	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:13	7.05	8.6	32.08	30.85	2.72	3	99	0.171	W
B4	20200704	Cloudy	Moderate	Mid-Flood	B	3.5	16:20	6.93	8.59	32.05	30.8	3.63	4	100	0.196	W
B4	20200704	Cloudy	Moderate	Mid-Flood	B	3.5	16:20	7.68	8.37	32.02	30.89	3.34	4	100	0.199	W
B4	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:21	8.04	8.46	32.24	30.82	2.62	5	100	0.187	W
B4	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:21	7.3	8.35	31.7	30.73	2.66	4	100	0.207	W
C1A	20200704	Cloudy	Moderate	Mid-Flood	B	10.1	16:35	6.98	8.38	31.77	30.68	3.35	4	99	0.214	W
C1A	20200704	Cloudy	Moderate	Mid-Flood	B	10.1	16:35	7.72	8.29	31.72	30.88	3.26	4	100	0.215	NW
C1A	20200704	Cloudy	Moderate	Mid-Flood	M	5.55	16:36	7.79	8.51	32.26	30.65	3.08	4	100	0.169	W
C1A	20200704	Cloudy	Moderate	Mid-Flood	M	5.55	16:36	6.97	8.54	31.91	30.68	3.06	4	99	0.189	W
C1A	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:37	6.96	8.31	31.56	30.88	2.56	4	99	0.183	W
C1A	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:37	7.96	8.45	31.99	30.57	2.71	4	100	0.231	W
C2A	20200704	Cloudy	Moderate	Mid-Flood	B	10.9	15:30	7.27	8.54	31.52	31.12	3.23	5	100	0.203	W
C2A	20200704	Cloudy	Moderate	Mid-Flood	B	10.9	15:30	8.01	8.2	31.48	31.08	3.35	4	99	0.223	NW
C2A	20200704	Cloudy	Moderate	Mid-Flood	M	5.95	15:31	7.45	8.54	31.88	31.1	3.06	4	99	0.225	W
C2A	20200704	Cloudy	Moderate	Mid-Flood	M	5.95	15:31	6.86	8.46	32.23	31.13	3.04	5	100	0.229	W
C2A	20200704	Cloudy	Moderate	Mid-Flood	S	1	15:32	7.89	8.38	31.75	31.06	2.92	5	100	0.181	W
C2A	20200704	Cloudy	Moderate	Mid-Flood	S	1	15:32	8.11	8.26	32.19	30.89	2.36	4	100	0.219	NW
CR1	20200704	Cloudy	Moderate	Mid-Flood	B	11.2	15:51	7.93	8.5	31.73	31.02	2.95	4	100	0.188	W
CR1	20200704	Cloudy	Moderate	Mid-Flood	B	11.2	15:51	7.08	8.26	31.99	31.07	3.04	4	99	0.19	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20200704	Cloudy	Moderate	Mid-Flood	M	6.1	15:52	8.18	8.54	31.67	30.94	2.83	4	99	0.218	W
CR1	20200704	Cloudy	Moderate	Mid-Flood	M	6.1	15:52	6.87	8.26	31.54	31.08	2.88	5	99	0.223	NW
CR1	20200704	Cloudy	Moderate	Mid-Flood	S	1	15:53	7.67	8.44	32.25	30.93	2.61	4	98	0.224	W
CR1	20200704	Cloudy	Moderate	Mid-Flood	S	1	15:53	6.93	8.4	31.72	30.96	2.36	4	99	0.212	W
CR2	20200704	Cloudy	Moderate	Mid-Flood	B	10.1	16:06	7.59	8.5	31.63	30.88	3.34	5	99	0.174	W
CR2	20200704	Cloudy	Moderate	Mid-Flood	B	10.1	16:06	8.16	8.5	31.92	30.7	2.99	4	98	0.213	W
CR2	20200704	Cloudy	Moderate	Mid-Flood	M	5.55	16:07	7.64	8.54	32.26	30.68	2.59	4	97	0.216	W
CR2	20200704	Cloudy	Moderate	Mid-Flood	M	5.55	16:07	6.91	8.3	32.13	30.8	2.65	4	99	0.195	W
CR2	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:08	7.59	8.57	31.57	30.82	2.87	4	99	0.172	W
CR2	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:08	7.93	8.38	31.55	30.74	2.45	4	99	0.224	W
F1A	20200704	Cloudy	Moderate	Mid-Flood	B	7.4	16:39	8.05	8.5	31.64	30.7	3.16	4	100	0.222	W
F1A	20200704	Cloudy	Moderate	Mid-Flood	B	7.4	16:39	7.18	8.41	31.74	30.84	2.88	5	100	0.218	W
F1A	20200704	Cloudy	Moderate	Mid-Flood	M	4.2	16:40	8.18	8.38	31.91	30.63	2.95	4	100	0.207	W
F1A	20200704	Cloudy	Moderate	Mid-Flood	M	4.2	16:40	7.4	8.36	32.23	30.8	2.71	5	100	0.214	W
F1A	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:41	7.4	8.39	31.55	30.83	2.56	5	99	0.188	W
F1A	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:41	7.28	8.31	31.53	30.78	2.65	5	99	0.203	W
H1	20200704	Cloudy	Moderate	Mid-Flood	B	6.5	16:56	8	8.26	31.41	30.68	2.92	5	100	0.171	W
H1	20200704	Cloudy	Moderate	Mid-Flood	B	6.5	16:56	7.46	8.39	32.17	30.64	3.05	4	100	0.225	W
H1	20200704	Cloudy	Moderate	Mid-Flood	M	3.75	16:57	7.83	8.59	31.49	30.75	3.1	4	99	0.225	NW
H1	20200704	Cloudy	Moderate	Mid-Flood	M	3.75	16:57	7.62	8.31	31.85	30.6	3.1	3	100	0.227	W
H1	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:58	7.42	8.48	31.56	30.54	2.61	3	100	0.224	W
H1	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:58	6.86	8.43	31.87	30.78	2.59	4	99	0.228	W
M1	20200704	Cloudy	Moderate	Mid-Flood	B	6.6	17:00	7.87	8.29	31.89	30.78	3.09	4	99	0.22	W
M1	20200704	Cloudy	Moderate	Mid-Flood	B	6.6	17:00	7.67	8.23	31.96	30.62	3.4	5	99	0.172	NW
M1	20200704	Cloudy	Moderate	Mid-Flood	M	3.8	17:01	7.84	8.31	31.92	30.56	2.9	4	97	0.189	W
M1	20200704	Cloudy	Moderate	Mid-Flood	M	3.8	17:01	6.97	8.25	31.42	30.56	2.66	5	99	0.175	NW
M1	20200704	Cloudy	Moderate	Mid-Flood	S	1	17:02	7.52	8.54	32.15	30.81	2.79	6	99	0.189	W
M1	20200704	Cloudy	Moderate	Mid-Flood	S	1	17:02	7.57	8.35	31.96	30.71	2.47	5	99	0.177	W

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 note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S1	20200704	Cloudy	Moderate	Mid-Flood	B	4	15:38	6.93	8.37	31.51	30.99	2.94	4	99	0.177	NW
S1	20200704	Cloudy	Moderate	Mid-Flood	B	4	15:38	7.76	8.23	31.43	31.09	3.16	4	100	0.19	W
S1	20200704	Cloudy	Moderate	Mid-Flood	S	1	15:39	7.46	8.24	32.14	30.95	2.49	4	100	0.187	W
S1	20200704	Cloudy	Moderate	Mid-Flood	S	1	15:39	7.64	8.47	31.86	30.97	2.75	4	100	0.196	W
S2A	20200704	Cloudy	Moderate	Mid-Flood	B	8.9	15:58	8.02	8.36	31.79	30.95	2.99	4	100	0.198	W
S2A	20200704	Cloudy	Moderate	Mid-Flood	B	8.9	15:58	8.02	8.26	31.78	30.97	3.3	4	99	0.212	W
S2A	20200704	Cloudy	Moderate	Mid-Flood	M	4.95	15:59	6.92	8.5	31.42	30.86	2.62	4	99	0.169	W
S2A	20200704	Cloudy	Moderate	Mid-Flood	M	4.95	15:59	7.48	8.31	31.46	30.96	2.65	4	101	0.224	W
S2A	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:00	6.98	8.26	31.53	30.75	2.94	5	99	0.222	W
S2A	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:00	7.81	8.6	32.24	30.8	2.76	4	97	0.173	W
S3	20200704	Cloudy	Moderate	Mid-Flood	B	8.9	16:16	7.84	8.3	31.41	30.85	3.34	5	100	0.226	W
S3	20200704	Cloudy	Moderate	Mid-Flood	B	8.9	16:16	7.64	8.24	31.96	30.77	3.15	6	99	0.195	W
S3	20200704	Cloudy	Moderate	Mid-Flood	M	4.95	16:17	7.57	8.31	31.82	30.73	2.64	4	99	0.23	W
S3	20200704	Cloudy	Moderate	Mid-Flood	M	4.95	16:17	7.85	8.51	31.48	30.87	2.78	4	99	0.176	NW
S3	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:18	6.97	8.26	32.27	30.94	2.85	4	100	0.194	W
S3	20200704	Cloudy	Moderate	Mid-Flood	S	1	16:18	6.92	8.46	31.67	30.73	2.97	4	99	0.228	W
B1	20200706	Sunny	Moderate	Mid-Ebb	B	3.8	13:32	6.92	8.55	32.11	31.48	2.51	5	104	0.159	E
B1	20200706	Sunny	Moderate	Mid-Ebb	B	3.8	13:32	6.89	8.25	32.07	31.26	2.86	5	104	0.206	E
B1	20200706	Sunny	Moderate	Mid-Ebb	S	1	13:33	7.76	8.26	32.03	31.28	2.51	7	104	0.191	E
B1	20200706	Sunny	Moderate	Mid-Ebb	S	1	13:33	8.11	8.31	31.75	31.46	2.5	7	104	0.187	E
B2	20200706	Sunny	Moderate	Mid-Ebb	B	4.8	13:48	7.02	8.35	32.04	31.55	2.73	6	104	0.207	SE
B2	20200706	Sunny	Moderate	Mid-Ebb	B	4.8	13:48	8.21	8.54	31.47	31.53	2.93	6	103	0.167	SE
B2	20200706	Sunny	Moderate	Mid-Ebb	S	1	13:49	8.55	8.33	31.67	31.45	1.98	6	104	0.201	SE
B2	20200706	Sunny	Moderate	Mid-Ebb	S	1	13:49	8.13	8.51	31.95	31.25	2.02	6	104	0.148	SE
B3	20200706	Sunny	Moderate	Mid-Ebb	B	4.3	13:05	8.01	8.58	31.54	31.3	2.94	5	104	0.151	SE
B3	20200706	Sunny	Moderate	Mid-Ebb	B	4.3	13:05	8.03	8.25	31.46	31.31	3.09	5	104	0.18	SE
B3	20200706	Sunny	Moderate	Mid-Ebb	S	1	13:06	8.66	8.37	31.82	31.56	2.14	5	104	0.202	E
B3	20200706	Sunny	Moderate	Mid-Ebb	S	1	13:06	8.16	8.45	32.12	31.19	2.37	5	104	0.198	E

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 note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B4	20200706	Sunny	Moderate	Mid-Ebb	B	3.8	12:57	8.13	8.59	31.51	31.42	2.95	5	104	0.21	SE
B4	20200706	Sunny	Moderate	Mid-Ebb	B	3.8	12:57	7.15	8.56	31.83	31.3	2.8	5	104	0.159	SE
B4	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:58	8.5	8.33	31.92	31.44	2.27	5	104	0.195	SE
B4	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:58	7.45	8.46	31.69	31.18	2.07	5	104	0.208	SE
C1A	20200706	Sunny	Moderate	Mid-Ebb	B	8.4	11:43	7.55	8.48	31.59	31.32	2.66	5	104	0.189	SE
C1A	20200706	Sunny	Moderate	Mid-Ebb	B	8.4	11:43	7.97	8.23	31.86	31.34	2.93	5	104	0.156	SE
C1A	20200706	Sunny	Moderate	Mid-Ebb	M	4.7	11:44	7.91	8.32	31.84	31.29	2.57	5	104	0.179	E
C1A	20200706	Sunny	Moderate	Mid-Ebb	M	4.7	11:44	6.94	8.23	31.91	31.36	2.12	5	104	0.154	SE
C1A	20200706	Sunny	Moderate	Mid-Ebb	S	1	11:45	7.88	8.24	31.75	31.48	2.06	5	104	0.19	SE
C1A	20200706	Sunny	Moderate	Mid-Ebb	S	1	11:45	8.65	8.58	32.16	31.41	2.27	5	105	0.202	E
C2A	20200706	Sunny	Moderate	Mid-Ebb	B	10.7	13:01	7.24	8.55	31.51	31.48	2.78	7	104	0.207	E
C2A	20200706	Sunny	Moderate	Mid-Ebb	B	10.7	13:01	6.97	8.36	31.82	31.3	2.73	7	104	0.211	E
C2A	20200706	Sunny	Moderate	Mid-Ebb	M	5.85	13:02	7.85	8.6	31.67	31.22	2.1	6	104	0.176	E
C2A	20200706	Sunny	Moderate	Mid-Ebb	M	5.85	13:02	8	8.5	31.93	31.19	2.45	6	104	0.208	SE
C2A	20200706	Sunny	Moderate	Mid-Ebb	S	1	13:03	7.99	8.24	31.69	31.18	2.34	5	104	0.168	SE
C2A	20200706	Sunny	Moderate	Mid-Ebb	S	1	13:03	7.31	8.48	31.44	31.28	2.04	5	104	0.21	E
CR1	20200706	Sunny	Moderate	Mid-Ebb	B	11.7	12:41	7.5	8.27	31.78	31.2	2.98	6	99	0.178	SE
CR1	20200706	Sunny	Moderate	Mid-Ebb	B	11.7	12:41	8.64	8.51	31.78	31.23	2.58	6	100	0.208	SE
CR1	20200706	Sunny	Moderate	Mid-Ebb	M	6.35	12:42	8.08	8.3	31.48	31.27	2.26	5	101	0.15	SE
CR1	20200706	Sunny	Moderate	Mid-Ebb	M	6.35	12:42	8.03	8.54	31.84	31.28	2.16	5	101	0.147	E
CR1	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:43	7.05	8.25	32.15	31.44	2.28	5	102	0.147	E
CR1	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:43	6.97	8.36	31.96	31.32	2.33	5	101	0.212	SE
CR2	20200706	Sunny	Moderate	Mid-Ebb	B	9.9	12:21	7.44	8.36	31.67	31.2	2.83	6	103	0.176	SE
CR2	20200706	Sunny	Moderate	Mid-Ebb	B	9.9	12:21	7.65	8.46	32.16	31.45	2.53	6	100	0.176	E
CR2	20200706	Sunny	Moderate	Mid-Ebb	M	5.45	12:22	8.45	8.39	32.01	31.28	2.43	6	102	0.179	SE
CR2	20200706	Sunny	Moderate	Mid-Ebb	M	5.45	12:22	8.65	8.57	32.12	31.39	2.24	6	100	0.2	E
CR2	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:23	7.28	8.39	31.59	31.44	2.12	7	100	0.186	SE
CR2	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:23	8.25	8.31	32.01	31.36	2.19	7	102	0.187	E

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 note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20200706	Sunny	Moderate	Mid-Ebb	B	7	12:36	6.9	8.19	31.82	31.45	2.99	9	104	0.163	SE
F1A	20200706	Sunny	Moderate	Mid-Ebb	B	7	12:36	8.4	8.38	31.53	31.44	2.74	9	104	0.146	E
F1A	20200706	Sunny	Moderate	Mid-Ebb	M	4	12:37	8.52	8.6	31.76	31.23	2.44	8	104	0.167	SE
F1A	20200706	Sunny	Moderate	Mid-Ebb	M	4	12:37	7.54	8.48	31.44	31.22	2.13	8	103	0.188	E
F1A	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:38	7.27	8.45	31.56	31.25	2.26	5	104	0.181	SE
F1A	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:38	7.2	8.26	31.82	31.36	2.34	6	104	0.186	E
H1	20200706	Sunny	Moderate	Mid-Ebb	B	7.9	12:05	8.03	8.55	31.57	31.4	2.58	6	104	0.188	SE
H1	20200706	Sunny	Moderate	Mid-Ebb	B	7.9	12:05	7.87	8.38	31.96	31.26	2.8	7	104	0.213	SE
H1	20200706	Sunny	Moderate	Mid-Ebb	M	4.45	12:06	7.79	8.6	32.02	31.44	2.16	6	104	0.19	SE
H1	20200706	Sunny	Moderate	Mid-Ebb	M	4.45	12:06	8.62	8.4	31.68	31.33	2.14	6	103	0.162	SE
H1	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:07	8.3	8.25	32.1	31.32	2.39	5	104	0.197	E
H1	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:07	8.28	8.52	31.87	31.44	2.46	5	104	0.206	SE
M1	20200706	Sunny	Moderate	Mid-Ebb	B	8.4	12:13	7.74	8.59	31.63	31.4	3.1	6	100	0.209	SE
M1	20200706	Sunny	Moderate	Mid-Ebb	B	8.4	12:13	8.35	8.52	31.86	31.21	2.64	6	100	0.213	SE
M1	20200706	Sunny	Moderate	Mid-Ebb	M	4.7	12:14	8.46	8.19	31.82	31.39	2.16	7	103	0.176	E
M1	20200706	Sunny	Moderate	Mid-Ebb	M	4.7	12:14	8.67	8.43	31.59	31.48	2.56	7	101	0.198	SE
M1	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:15	7.88	8.21	31.89	31.22	2.21	7	100	0.158	E
M1	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:15	8.34	8.27	32.09	31.16	2.4	7	102	0.212	SE
S1	20200706	Sunny	Moderate	Mid-Ebb	B	3.8	13:40	7.53	8.36	31.9	31.57	3.02	5	104	0.2	SE
S1	20200706	Sunny	Moderate	Mid-Ebb	B	3.8	13:40	8.45	8.25	31.8	31.48	3.01	5	104	0.151	E
S1	20200706	Sunny	Moderate	Mid-Ebb	S	1	13:41	8.38	8.44	31.77	31.48	2.5	6	104	0.155	SE
S1	20200706	Sunny	Moderate	Mid-Ebb	S	1	13:41	7.98	8.44	31.67	31.51	2.14	6	104	0.171	SE
S2A	20200706	Sunny	Moderate	Mid-Ebb	B	8.5	13:19	7.02	8.56	32.08	31.34	2.53	4	102	0.179	SE
S2A	20200706	Sunny	Moderate	Mid-Ebb	B	8.5	13:19	7.38	8.25	31.5	31.41	3.04	4	103	0.209	SE
S2A	20200706	Sunny	Moderate	Mid-Ebb	M	4.75	13:20	7.04	8.19	31.92	31.39	2.16	6	103	0.172	SE
S2A	20200706	Sunny	Moderate	Mid-Ebb	M	4.75	13:20	7.33	8.6	32.17	31.24	2.32	6	104	0.183	E
S2A	20200706	Sunny	Moderate	Mid-Ebb	S	1	13:21	7.89	8.56	31.99	31.23	2.03	8	104	0.161	E
S2A	20200706	Sunny	Moderate	Mid-Ebb	S	1	13:21	7.44	8.35	31.95	31.5	2.46	8	104	0.176	E

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 note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20200706	Sunny	Moderate	Mid-Ebb	B	10.1	12:30	7.3	8.53	31.69	31.31	2.6	4	101	0.168	E
S3	20200706	Sunny	Moderate	Mid-Ebb	B	10.1	12:30	7.43	8.26	31.44	31.2	2.86	4	101	0.173	E
S3	20200706	Sunny	Moderate	Mid-Ebb	M	5.55	12:31	6.94	8.39	31.75	31.29	2.14	4	100	0.165	SE
S3	20200706	Sunny	Moderate	Mid-Ebb	M	5.55	12:31	7.68	8.32	31.89	31.31	2.27	4	100	0.203	SE
S3	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:32	8.5	8.56	31.44	31.43	2.63	5	101	0.167	SE
S3	20200706	Sunny	Moderate	Mid-Ebb	S	1	12:32	8.12	8.29	31.6	31.26	2.47	4	100	0.158	SE
B1	20200706	Sunny	Moderate	Mid-Flood	B	3.9	18:15	7.19	8.47	31.6	29.57	2.93	6	101	0.201	W
B1	20200706	Sunny	Moderate	Mid-Flood	B	3.9	18:15	7.06	8.47	32.23	29.66	2.5	6	101	0.203	W
B1	20200706	Sunny	Moderate	Mid-Flood	S	1	18:16	8.21	8.23	31.91	29.76	2.05	7	101	0.188	W
B1	20200706	Sunny	Moderate	Mid-Flood	S	1	18:16	7.75	8.48	32.13	29.77	2.36	8	101	0.167	NW
B2	20200706	Sunny	Moderate	Mid-Flood	B	4	18:39	7.91	8.27	31.65	29.67	2.84	5	101	0.18	W
B2	20200706	Sunny	Moderate	Mid-Flood	B	4	18:39	7.07	8.32	31.83	29.73	3.01	6	102	0.178	W
B2	20200706	Sunny	Moderate	Mid-Flood	S	1	18:40	8.33	8.49	32.12	29.77	2.46	6	102	0.185	NW
B2	20200706	Sunny	Moderate	Mid-Flood	S	1	18:40	7.27	8.58	32.12	29.81	2.34	6	101	0.179	NW
B3	20200706	Sunny	Moderate	Mid-Flood	B	3.5	17:19	7.12	8.53	31.59	29.79	2.99	6	102	0.214	W
B3	20200706	Sunny	Moderate	Mid-Flood	B	3.5	17:19	7.03	8.29	31.73	29.72	3.17	6	101	0.193	NW
B3	20200706	Sunny	Moderate	Mid-Flood	S	1	17:20	7.96	8.46	31.92	29.66	2.28	6	101	0.205	W
B3	20200706	Sunny	Moderate	Mid-Flood	S	1	17:20	7.21	8.57	32.06	29.81	2.55	7	102	0.193	W
B4	20200706	Sunny	Moderate	Mid-Flood	B	3.5	17:27	6.99	8.42	31.72	29.77	2.61	5	101	0.166	W
B4	20200706	Sunny	Moderate	Mid-Flood	B	3.5	17:27	7.95	8.5	31.99	29.74	2.63	5	102	0.2	W
B4	20200706	Sunny	Moderate	Mid-Flood	S	1	17:28	8.04	8.31	31.84	29.62	2.38	7	101	0.201	W
B4	20200706	Sunny	Moderate	Mid-Flood	S	1	17:28	7.02	8.52	31.7	29.84	2.15	6	102	0.211	NW
C1A	20200706	Sunny	Moderate	Mid-Flood	B	10.8	17:42	7.23	8.52	31.68	29.65	2.88	6	99	0.175	NW
C1A	20200706	Sunny	Moderate	Mid-Flood	B	10.8	17:42	8.38	8.5	31.7	29.77	2.45	7	99	0.191	NW
C1A	20200706	Sunny	Moderate	Mid-Flood	M	5.9	17:43	7.53	8.31	32.03	29.79	2.21	6	101	0.2	NW
C1A	20200706	Sunny	Moderate	Mid-Flood	M	5.9	17:43	7.67	8.31	31.74	29.71	2.57	6	102	0.148	W
C1A	20200706	Sunny	Moderate	Mid-Flood	S	1	17:44	8.34	8.37	31.87	29.86	2.19	6	102	0.162	W
C1A	20200706	Sunny	Moderate	Mid-Flood	S	1	17:44	7.6	8.3	31.96	29.64	2.42	5	102	0.177	W

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 note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20200706	Sunny	Moderate	Mid-Flood	B	10.9	17:00	7.65	8.29	31.8	29.74	2.5	7	98	0.212	W
C2A	20200706	Sunny	Moderate	Mid-Flood	B	10.9	17:00	8.35	8.43	31.87	29.83	2.44	8	98	0.177	W
C2A	20200706	Sunny	Moderate	Mid-Flood	M	5.95	17:01	8.1	8.48	32.01	29.8	2.63	6	99	0.155	W
C2A	20200706	Sunny	Moderate	Mid-Flood	M	5.95	17:01	7.14	8.27	31.92	29.82	2.44	6	98	0.196	W
C2A	20200706	Sunny	Moderate	Mid-Flood	S	1	17:02	7.25	8.52	31.59	29.72	2.2	6	98	0.161	W
C2A	20200706	Sunny	Moderate	Mid-Flood	S	1	17:02	8.23	8.21	31.61	29.73	2.03	6	99	0.188	W
CR1	20200706	Sunny	Moderate	Mid-Flood	B	11.3	17:00	7.34	8.61	32.09	29.76	2.78	7	99	0.214	W
CR1	20200706	Sunny	Moderate	Mid-Flood	B	11.3	17:00	7.83	8.36	32.25	29.92	2.71	7	98	0.166	NW
CR1	20200706	Sunny	Moderate	Mid-Flood	M	6.15	17:01	7.96	8.43	31.9	29.66	2.36	6	99	0.208	W
CR1	20200706	Sunny	Moderate	Mid-Flood	M	6.15	17:01	8.12	8.26	31.71	29.71	2.21	6	97	0.15	W
CR1	20200706	Sunny	Moderate	Mid-Flood	S	1	17:02	7.57	8.22	31.69	29.74	1.9	6	99	0.18	W
CR1	20200706	Sunny	Moderate	Mid-Flood	S	1	17:02	7.94	8.26	31.83	29.67	2.09	6	98	0.214	W
CR2	20200706	Sunny	Moderate	Mid-Flood	B	10	17:14	8.24	8.38	31.91	29.89	3.01	8	101	0.159	W
CR2	20200706	Sunny	Moderate	Mid-Flood	B	10	17:14	7.74	8.55	32.18	29.88	2.77	7	102	0.216	W
CR2	20200706	Sunny	Moderate	Mid-Flood	M	5.5	17:15	8.27	8.2	32.08	29.83	2.1	6	101	0.204	W
CR2	20200706	Sunny	Moderate	Mid-Flood	M	5.5	17:15	7.11	8.27	32.01	29.64	2.47	6	101	0.173	W
CR2	20200706	Sunny	Moderate	Mid-Flood	S	1	17:16	6.95	8.54	31.54	29.67	2.42	5	100	0.21	W
CR2	20200706	Sunny	Moderate	Mid-Flood	S	1	17:16	7.9	8.54	31.59	29.76	2.05	5	102	0.161	W
F1A	20200706	Sunny	Moderate	Mid-Flood	B	7.4	17:45	6.87	8.29	31.88	29.72	2.6	6	98	0.167	W
F1A	20200706	Sunny	Moderate	Mid-Flood	B	7.4	17:45	8.09	8.45	32.2	29.86	2.65	6	98	0.167	W
F1A	20200706	Sunny	Moderate	Mid-Flood	M	4.2	17:46	7.15	8.45	32.13	29.76	2.41	6	98	0.195	W
F1A	20200706	Sunny	Moderate	Mid-Flood	M	4.2	17:46	6.82	8.57	31.83	29.82	2.62	5	98	0.15	NW
F1A	20200706	Sunny	Moderate	Mid-Flood	S	1	17:47	7.87	8.49	32.08	29.62	2.15	5	99	0.167	W
F1A	20200706	Sunny	Moderate	Mid-Flood	S	1	17:47	7.65	8.55	31.82	29.82	2.03	5	99	0.149	W
H1	20200706	Sunny	Moderate	Mid-Flood	B	6.9	17:11	8.36	8.32	32.22	29.86	2.82	7	102	0.176	NW
H1	20200706	Sunny	Moderate	Mid-Flood	B	6.9	17:11	7.66	8.27	32.01	29.67	2.62	6	101	0.193	W
H1	20200706	Sunny	Moderate	Mid-Flood	M	3.95	17:12	8.05	8.61	32	29.66	2.34	6	102	0.156	NW
H1	20200706	Sunny	Moderate	Mid-Flood	M	3.95	17:12	8.09	8.25	31.87	29.78	2.36	6	101	0.177	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200706	Sunny	Moderate	Mid-Flood	S	1	17:13	7.57	8.26	31.75	29.72	2.15	6	102	0.159	W
H1	20200706	Sunny	Moderate	Mid-Flood	S	1	17:13	7.79	8.45	31.72	29.86	2.45	6	102	0.216	W
M1	20200706	Sunny	Moderate	Mid-Flood	B	6.9	18:02	8.26	8.39	31.89	29.81	2.71	5	101	0.207	W
M1	20200706	Sunny	Moderate	Mid-Flood	B	6.9	18:02	7.76	8.37	32.22	29.73	2.97	5	101	0.194	W
M1	20200706	Sunny	Moderate	Mid-Flood	M	3.95	18:03	7.35	8.39	31.91	29.69	2.29	6	102	0.214	NW
M1	20200706	Sunny	Moderate	Mid-Flood	M	3.95	18:03	7.06	8.24	31.68	29.72	2.62	6	101	0.197	W
M1	20200706	Sunny	Moderate	Mid-Flood	S	1	18:04	7.76	8.54	31.67	29.86	2.03	7	101	0.16	NW
M1	20200706	Sunny	Moderate	Mid-Flood	S	1	18:04	7.15	8.39	31.94	29.87	2	7	101	0.161	W
S1	20200706	Sunny	Moderate	Mid-Flood	B	4.7	18:30	7.84	8.51	31.56	29.56	2.87	5	98	0.207	W
S1	20200706	Sunny	Moderate	Mid-Flood	B	4.7	18:30	6.85	8.56	31.92	29.54	2.45	5	99	0.207	W
S1	20200706	Sunny	Moderate	Mid-Flood	S	1	18:31	6.84	8.55	31.53	29.65	2.08	5	101	0.203	W
S1	20200706	Sunny	Moderate	Mid-Flood	S	1	18:31	8	8.39	32.25	29.63	2.28	6	100	0.173	NW
S2A	20200706	Sunny	Moderate	Mid-Flood	B	8.2	19:00	7.43	8.52	32.07	29.71	2.44	6	99	0.207	W
S2A	20200706	Sunny	Moderate	Mid-Flood	B	8.2	19:00	8.25	8.32	31.58	29.66	2.97	6	97	0.168	W
S2A	20200706	Sunny	Moderate	Mid-Flood	M	4.6	19:01	7.79	8.2	31.95	29.78	2.49	6	98	0.183	NW
S2A	20200706	Sunny	Moderate	Mid-Flood	M	4.6	19:01	8.44	8.59	31.88	29.79	2.3	6	97	0.152	W
S2A	20200706	Sunny	Moderate	Mid-Flood	S	1	19:02	7.6	8.37	31.93	29.72	2.17	6	98	0.2	W
S2A	20200706	Sunny	Moderate	Mid-Flood	S	1	19:02	7.08	8.27	32.11	29.73	2.44	6	99	0.153	NW
S3	20200706	Sunny	Moderate	Mid-Flood	B	9.4	17:23	7.31	8.47	31.69	29.73	2.88	6	98	0.201	W
S3	20200706	Sunny	Moderate	Mid-Flood	B	9.4	17:23	7.44	8.29	31.74	29.89	2.6	6	99	0.157	W
S3	20200706	Sunny	Moderate	Mid-Flood	M	5.2	17:24	8.06	8.53	32.01	29.9	2.24	6	97	0.187	W
S3	20200706	Sunny	Moderate	Mid-Flood	M	5.2	17:24	7.43	8.34	31.82	29.64	2.61	6	96	0.168	W
S3	20200706	Sunny	Moderate	Mid-Flood	S	1	17:25	8.16	8.45	31.98	29.91	2.24	7	97	0.182	W
S3	20200706	Sunny	Moderate	Mid-Flood	S	1	17:25	7.81	8.3	32.1	29.92	2.52	7	97	0.189	W
B1	20200708	Cloudy	Moderate	Mid-Flood	B	3.8	10:31	8.18	8.48	31.98	28.76	3.15	6	100	0.256	NW
B1	20200708	Cloudy	Moderate	Mid-Flood	B	3.8	10:31	8.29	8.41	31.53	28.87	3.3	6	101	0.175	W
B1	20200708	Cloudy	Moderate	Mid-Flood	S	1	10:32	7.53	8.3	31.85	28.75	2.99	6	102	0.227	W
B1	20200708	Cloudy	Moderate	Mid-Flood	S	1	10:32	8.08	8.45	32.1	29.17	2.6	6	100	0.199	W

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20200708	Cloudy	Moderate	Mid-Flood	B	3.9	10:16	7.16	8.34	32.18	28.64	3.32	5	101	0.203	W
B2	20200708	Cloudy	Moderate	Mid-Flood	B	3.9	10:16	7.51	8.43	32.25	28.81	3.46	6	100	0.182	W
B2	20200708	Cloudy	Moderate	Mid-Flood	S	1	10:17	8.52	8.34	32.17	28.98	2.72	7	100	0.252	W
B2	20200708	Cloudy	Moderate	Mid-Flood	S	1	10:17	8.33	8.47	31.84	28.97	2.72	6	101	0.203	W
B3	20200708	Cloudy	Moderate	Mid-Flood	B	3.3	9:57	7.24	8.26	32.02	29.17	3.23	6	101	0.176	NW
B3	20200708	Cloudy	Moderate	Mid-Flood	B	3.3	9:57	7.19	8.3	32.06	28.82	3.23	6	101	0.232	W
B3	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:58	7.17	8.53	31.8	28.73	3.18	6	101	0.227	W
B3	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:58	7.34	8.47	32.13	28.85	2.81	7	100	0.19	W
B4	20200708	Cloudy	Moderate	Mid-Flood	B	4.6	9:48	8.37	8.38	31.94	29.05	3.5	7	100	0.224	W
B4	20200708	Cloudy	Moderate	Mid-Flood	B	4.6	9:48	7.8	8.31	31.98	28.95	3.42	6	98	0.228	W
B4	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:49	8.17	8.58	31.96	28.96	2.79	6	101	0.221	W
B4	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:49	7.36	8.57	32.29	29.17	2.81	5	101	0.255	W
C1A	20200708	Cloudy	Moderate	Mid-Flood	B	9.3	9:13	7.55	8.47	31.43	28.84	3.65	9	102	0.239	NW
C1A	20200708	Cloudy	Moderate	Mid-Flood	B	9.3	9:13	7.8	8.54	31.4	28.73	3.39	10	101	0.181	NW
C1A	20200708	Cloudy	Moderate	Mid-Flood	M	5.15	9:14	7.97	8.51	31.61	28.98	2.77	9	101	0.194	W
C1A	20200708	Cloudy	Moderate	Mid-Flood	M	5.15	9:14	7.86	8.47	31.77	28.84	2.95	9	102	0.243	NW
C1A	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:15	7.95	8.44	32.14	29.01	2.73	8	102	0.202	W
C1A	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:15	7.97	8.25	32.22	29.1	2.57	9	101	0.175	W
C2A	20200708	Cloudy	Moderate	Mid-Flood	B	10.2	8:00	7.69	8.58	32.04	28.86	3.44	8	101	0.21	W
C2A	20200708	Cloudy	Moderate	Mid-Flood	B	10.2	8:00	7.76	8.47	32.29	28.87	3.24	9	99	0.178	W
C2A	20200708	Cloudy	Moderate	Mid-Flood	M	5.6	8:01	8.41	8.58	31.92	28.82	2.81	9	99	0.177	W
C2A	20200708	Cloudy	Moderate	Mid-Flood	M	5.6	8:01	7.81	8.5	31.55	28.52	2.97	8	101	0.241	W
C2A	20200708	Cloudy	Moderate	Mid-Flood	S	1	8:02	7.09	8.56	31.86	28.95	2.72	7	101	0.224	W
C2A	20200708	Cloudy	Moderate	Mid-Flood	S	1	8:02	7.56	8.32	31.44	28.63	2.99	8	100	0.259	W
CR1	20200708	Cloudy	Moderate	Mid-Flood	B	12	8:22	8.11	8.55	31.95	28.77	3.12	8	104	0.18	NW
CR1	20200708	Cloudy	Moderate	Mid-Flood	B	12	8:22	7.16	8.32	32.17	28.71	3.45	8	103	0.213	W
CR1	20200708	Cloudy	Moderate	Mid-Flood	M	6.5	8:23	8.33	8.55	32	28.7	2.93	9	104	0.203	W
CR1	20200708	Cloudy	Moderate	Mid-Flood	M	6.5	8:23	7.49	8.25	31.95	28.58	3.09	9	103	0.173	NW

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20200708	Cloudy	Moderate	Mid-Flood	S	1	8:24	8.2	8.56	31.92	28.69	2.65	11	104	0.223	W
CR1	20200708	Cloudy	Moderate	Mid-Flood	S	1	8:24	8.25	8.27	31.88	28.75	2.75	12	104	0.249	W
CR2	20200708	Cloudy	Moderate	Mid-Flood	B	10.4	8:40	7.55	8.35	32.13	29.02	3.36	8	104	0.217	W
CR2	20200708	Cloudy	Moderate	Mid-Flood	B	10.4	8:40	7.31	8.48	32	28.72	3.41	8	104	0.17	W
CR2	20200708	Cloudy	Moderate	Mid-Flood	M	5.7	8:41	7.3	8.57	32.29	28.79	3.02	8	104	0.19	W
CR2	20200708	Cloudy	Moderate	Mid-Flood	M	5.7	8:41	7.88	8.57	31.61	28.84	3.28	8	104	0.239	W
CR2	20200708	Cloudy	Moderate	Mid-Flood	S	1	8:42	7.2	8.28	32.23	28.85	2.9	9	104	0.257	NW
CR2	20200708	Cloudy	Moderate	Mid-Flood	S	1	8:42	7.19	8.46	31.64	29.02	2.95	9	104	0.255	W
F1A	20200708	Cloudy	Moderate	Mid-Flood	B	7.2	9:26	7.96	8.53	31.67	28.74	3.38	6	102	0.169	W
F1A	20200708	Cloudy	Moderate	Mid-Flood	B	7.2	9:26	7.91	8.35	31.69	28.81	3.19	6	101	0.198	W
F1A	20200708	Cloudy	Moderate	Mid-Flood	M	4.1	9:27	8.02	8.47	31.86	28.96	3.11	7	100	0.257	NW
F1A	20200708	Cloudy	Moderate	Mid-Flood	M	4.1	9:27	7.56	8.27	31.96	29.16	2.93	7	100	0.258	NW
F1A	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:28	7.94	8.31	32.1	28.82	2.88	8	100	0.198	W
F1A	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:28	7.55	8.53	32.02	28.72	2.68	7	101	0.184	W
H1	20200708	Cloudy	Moderate	Mid-Flood	B	6.6	9:56	8.26	8.41	31.57	28.86	3.07	8	100	0.172	NW
H1	20200708	Cloudy	Moderate	Mid-Flood	B	6.6	9:56	8.27	8.39	31.94	29.08	3.52	9	100	0.189	NW
H1	20200708	Cloudy	Moderate	Mid-Flood	M	3.8	9:57	8.28	8.46	31.47	28.74	3	8	100	0.212	NW
H1	20200708	Cloudy	Moderate	Mid-Flood	M	3.8	9:57	7.66	8.51	31.4	29.1	2.93	9	100	0.178	W
H1	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:58	8.53	8.34	32.04	29.12	3.12	8	99	0.185	NW
H1	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:58	7.51	8.48	32.06	28.94	2.94	7	100	0.222	W
M1	20200708	Cloudy	Moderate	Mid-Flood	B	7.1	9:07	7.36	8.45	31.83	28.85	3.53	8	103	0.212	W
M1	20200708	Cloudy	Moderate	Mid-Flood	B	7.1	9:07	7.3	8.5	31.58	29.04	3.61	9	104	0.252	W
M1	20200708	Cloudy	Moderate	Mid-Flood	M	4.05	9:08	7.3	8.35	31.42	28.98	2.77	9	105	0.241	W
M1	20200708	Cloudy	Moderate	Mid-Flood	M	4.05	9:08	7.25	8.37	31.88	28.69	2.99	8	104	0.231	NW
M1	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:09	8.24	8.57	32.1	29.03	2.91	9	104	0.218	W
M1	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:09	7.26	8.42	31.73	28.98	2.69	8	103	0.189	W
S1	20200708	Cloudy	Moderate	Mid-Flood	B	4.3	10:24	7.43	8.58	32.19	28.58	3.26	9	102	0.226	W
S1	20200708	Cloudy	Moderate	Mid-Flood	B	4.3	10:24	8.29	8.27	32.27	29.14	3.47	8	100	0.205	W

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S1	20200708	Cloudy	Moderate	Mid-Flood	S	1	10:25	7.69	8.53	32.05	28.96	2.55	7	103	0.248	W
S1	20200708	Cloudy	Moderate	Mid-Flood	S	1	10:25	8.14	8.44	31.58	29.11	2.69	6	101	0.258	W
S2A	20200708	Cloudy	Moderate	Mid-Flood	B	8.5	9:38	8	8.55	32.02	29.22	3.18	6	100	0.209	W
S2A	20200708	Cloudy	Moderate	Mid-Flood	B	8.5	9:38	8.05	8.39	31.87	28.86	3.46	7	101	0.182	W
S2A	20200708	Cloudy	Moderate	Mid-Flood	M	4.75	9:39	7.86	8.29	32.26	28.96	3.3	7	99	0.257	W
S2A	20200708	Cloudy	Moderate	Mid-Flood	M	4.75	9:39	7.51	8.41	31.67	29.01	2.91	7	102	0.218	W
S2A	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:40	8.07	8.42	31.4	28.95	2.97	8	101	0.2	W
S2A	20200708	Cloudy	Moderate	Mid-Flood	S	1	9:40	8.45	8.27	31.69	29.13	2.58	6	100	0.244	W
S3	20200708	Cloudy	Moderate	Mid-Flood	B	8.4	8:53	8.11	8.42	32.02	28.96	3.29	9	100	0.214	W
S3	20200708	Cloudy	Moderate	Mid-Flood	B	8.4	8:53	7.59	8.49	31.45	28.92	3.38	8	100	0.248	W
S3	20200708	Cloudy	Moderate	Mid-Flood	M	4.7	8:54	7.41	8.47	32.27	28.87	3.18	7	101	0.174	W
S3	20200708	Cloudy	Moderate	Mid-Flood	M	4.7	8:54	7.24	8.4	32.06	28.79	3.03	7	101	0.206	W
S3	20200708	Cloudy	Moderate	Mid-Flood	S	1	8:55	8.03	8.51	32.09	28.85	2.62	6	101	0.19	NW
S3	20200708	Cloudy	Moderate	Mid-Flood	S	1	8:55	7.87	8.54	31.83	28.79	3.08	6	100	0.2	W
B1	20200708	Cloudy	Moderate	Mid-Ebb	B	3.7	13:05	7.96	8.37	31.56	30.19	3.39	4	104	0.203	SE
B1	20200708	Cloudy	Moderate	Mid-Ebb	B	3.7	13:05	7.46	8.46	31.89	30.36	3.22	4	105	0.216	SE
B1	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:06	7.55	8.32	32.04	30.27	3.12	4	104	0.205	SE
B1	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:06	8.02	8.25	31.82	30.18	2.94	5	105	0.15	SE
B2	20200708	Cloudy	Moderate	Mid-Ebb	B	4.3	12:46	7.38	8.35	31.48	30.32	3.45	6	105	0.193	SE
B2	20200708	Cloudy	Moderate	Mid-Ebb	B	4.3	12:46	8.03	8.25	31.53	30.35	3.32	5	104	0.203	SE
B2	20200708	Cloudy	Moderate	Mid-Ebb	S	1	12:47	7.34	8.52	31.62	30.53	2.56	6	105	0.207	SE
B2	20200708	Cloudy	Moderate	Mid-Ebb	S	1	12:47	8.69	8.42	32.06	30.31	2.75	6	104	0.221	SE
B3	20200708	Cloudy	Moderate	Mid-Ebb	B	4.4	13:29	8.56	8.24	31.94	30.35	3.21	7	105	0.178	SE
B3	20200708	Cloudy	Moderate	Mid-Ebb	B	4.4	13:29	8.07	8.46	31.55	30.5	3.5	6	104	0.148	E
B3	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:30	8.41	8.47	31.56	30.65	2.9	4	104	0.168	SE
B3	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:30	7.16	8.34	31.79	30.65	2.71	5	104	0.228	SE
B4	20200708	Cloudy	Moderate	Mid-Ebb	B	3.7	13:36	7.1	8.47	31.57	30.35	3.61	5	104	0.174	SE
B4	20200708	Cloudy	Moderate	Mid-Ebb	B	3.7	13:36	8.08	8.35	31.5	30.13	3.36	4	104	0.221	E

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B4	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:37	8.25	8.46	31.72	30.25	3.07	4	104	0.151	SE
B4	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:37	8.09	8.44	31.86	30.16	2.74	4	104	0.201	E
C1A	20200708	Cloudy	Moderate	Mid-Ebb	B	8.7	12:45	8.52	8.48	31.54	30.41	3.28	5	104	0.154	SE
C1A	20200708	Cloudy	Moderate	Mid-Ebb	B	8.7	12:45	7.48	8.22	31.69	30.55	3.4	6	104	0.171	SE
C1A	20200708	Cloudy	Moderate	Mid-Ebb	M	4.85	12:46	8.02	8.38	31.67	30.16	2.88	5	104	0.206	SE
C1A	20200708	Cloudy	Moderate	Mid-Ebb	M	4.85	12:46	7.44	8.39	31.84	30.39	2.77	6	104	0.164	E
C1A	20200708	Cloudy	Moderate	Mid-Ebb	S	1	12:47	7.42	8.34	31.96	30.18	3.09	6	104	0.159	SE
C1A	20200708	Cloudy	Moderate	Mid-Ebb	S	1	12:47	8.08	8.41	31.46	30.29	2.79	5	104	0.208	SE
C2A	20200708	Cloudy	Moderate	Mid-Ebb	B	10.3	14:04	7.12	8.46	31.52	30.51	3.22	6	104	0.215	SE
C2A	20200708	Cloudy	Moderate	Mid-Ebb	B	10.3	14:04	7.98	8.49	31.62	30.29	3.23	5	104	0.19	SE
C2A	20200708	Cloudy	Moderate	Mid-Ebb	M	5.65	14:05	7.36	8.23	31.61	30.32	2.99	5	104	0.158	SE
C2A	20200708	Cloudy	Moderate	Mid-Ebb	M	5.65	14:05	8.47	8.33	31.89	30.43	2.73	6	104	0.185	SE
C2A	20200708	Cloudy	Moderate	Mid-Ebb	S	1	14:06	7.68	8.22	32.1	30.54	2.72	5	104	0.196	SE
C2A	20200708	Cloudy	Moderate	Mid-Ebb	S	1	14:06	8.56	8.37	32.17	30.28	2.65	4	104	0.203	SE
CR1	20200708	Cloudy	Moderate	Mid-Ebb	B	12.6	13:43	7.03	8.38	31.48	30.63	3.23	3	104	0.169	E
CR1	20200708	Cloudy	Moderate	Mid-Ebb	B	12.6	13:43	7.31	8.18	32.09	30.43	3.52	4	105	0.186	SE
CR1	20200708	Cloudy	Moderate	Mid-Ebb	M	6.8	13:44	7.41	8.47	31.51	30.43	2.67	4	104	0.147	SE
CR1	20200708	Cloudy	Moderate	Mid-Ebb	M	6.8	13:44	7.76	8.24	31.86	30.32	2.69	4	104	0.181	SE
CR1	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:45	8.37	8.31	32.09	30.18	2.84	4	104	0.153	SE
CR1	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:45	7.99	8.33	32.04	30.24	2.84	4	104	0.16	E
CR2	20200708	Cloudy	Moderate	Mid-Ebb	B	10.6	13:22	7.35	8.39	32.11	30.31	3.57	6	104	0.159	E
CR2	20200708	Cloudy	Moderate	Mid-Ebb	B	10.6	13:22	7.39	8.45	32.16	30.2	3.47	6	104	0.183	SE
CR2	20200708	Cloudy	Moderate	Mid-Ebb	M	5.8	13:23	7.79	8.26	31.87	30.39	2.87	6	104	0.222	SE
CR2	20200708	Cloudy	Moderate	Mid-Ebb	M	5.8	13:23	7.16	8.22	31.76	30.32	2.63	5	104	0.228	SE
CR2	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:24	8.47	8.19	31.55	30.44	3	6	104	0.225	SE
CR2	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:24	8.45	8.28	31.86	30.44	2.67	5	104	0.199	SE
F1A	20200708	Cloudy	Moderate	Mid-Ebb	B	8.1	13:57	7.46	8.41	31.59	30.68	3.22	7	104	0.148	SE
F1A	20200708	Cloudy	Moderate	Mid-Ebb	B	8.1	13:57	7.38	8.21	31.5	30.37	3.3	6	104	0.193	E

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20200708	Cloudy	Moderate	Mid-Ebb	M	4.55	13:58	7.78	8.2	32.03	30.56	2.76	7	103	0.2	SE
F1A	20200708	Cloudy	Moderate	Mid-Ebb	M	4.55	13:58	8.13	8.52	32.17	30.65	2.78	6	105	0.16	SE
F1A	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:59	8.41	8.42	31.98	30.21	2.85	5	104	0.186	E
F1A	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:59	7.83	8.29	32.04	30.57	3.13	5	104	0.214	SE
H1	20200708	Cloudy	Moderate	Mid-Ebb	B	7.6	13:06	8.11	8.47	31.48	30.41	3.21	6	104	0.195	E
H1	20200708	Cloudy	Moderate	Mid-Ebb	B	7.6	13:06	7.46	8.33	31.74	30.35	3.34	7	104	0.204	SE
H1	20200708	Cloudy	Moderate	Mid-Ebb	M	4.3	13:07	8.33	8.34	32	30.34	3.16	6	105	0.16	E
H1	20200708	Cloudy	Moderate	Mid-Ebb	M	4.3	13:07	7.16	8.42	31.55	30.25	3.02	6	104	0.213	SE
H1	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:08	7.08	8.2	31.67	30.29	3.07	5	104	0.193	E
H1	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:08	8.47	8.5	31.94	30.23	2.68	4	105	0.169	SE
M1	20200708	Cloudy	Moderate	Mid-Ebb	B	8.6	14:15	8.48	8.31	31.93	30.68	3.22	7	104	0.202	SE
M1	20200708	Cloudy	Moderate	Mid-Ebb	B	8.6	14:15	8.35	8.39	31.89	30.48	3.46	6	105	0.148	E
M1	20200708	Cloudy	Moderate	Mid-Ebb	M	4.8	14:16	8.42	8.27	31.95	30.22	2.96	6	104	0.218	SE
M1	20200708	Cloudy	Moderate	Mid-Ebb	M	4.8	14:16	7.02	8.35	31.93	30.72	2.78	7	104	0.153	SE
M1	20200708	Cloudy	Moderate	Mid-Ebb	S	1	14:17	7.51	8.2	31.97	30.27	2.88	6	104	0.19	SE
M1	20200708	Cloudy	Moderate	Mid-Ebb	S	1	14:17	7.9	8.25	31.71	30.39	2.99	6	105	0.213	E
S1	20200708	Cloudy	Moderate	Mid-Ebb	B	3.8	12:55	8.33	8.5	31.57	30.19	3.32	8	104	0.211	SE
S1	20200708	Cloudy	Moderate	Mid-Ebb	B	3.8	12:55	7.46	8.2	31.97	30.4	3.45	8	104	0.174	SE
S1	20200708	Cloudy	Moderate	Mid-Ebb	S	1	12:56	7.45	8.24	31.52	30.32	2.59	7	104	0.147	SE
S1	20200708	Cloudy	Moderate	Mid-Ebb	S	1	12:56	7.53	8.51	31.79	30.11	3.14	7	104	0.208	SE
S2A	20200708	Cloudy	Moderate	Mid-Ebb	B	8.3	13:17	7.12	8.2	31.52	30.24	3.51	6	104	0.196	E
S2A	20200708	Cloudy	Moderate	Mid-Ebb	B	8.3	13:17	8.3	8.52	32.09	30.44	3.59	7	104	0.191	SE
S2A	20200708	Cloudy	Moderate	Mid-Ebb	M	4.65	13:18	7.62	8.22	31.46	30.13	3.18	5	104	0.173	SE
S2A	20200708	Cloudy	Moderate	Mid-Ebb	M	4.65	13:18	8.34	8.31	31.54	30.42	2.75	5	104	0.148	SE
S2A	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:19	8.12	8.21	32.19	30.4	2.61	4	104	0.188	SE
S2A	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:19	8.26	8.18	32.01	30.18	2.82	4	104	0.228	SE
S3	20200708	Cloudy	Moderate	Mid-Ebb	B	8.8	13:32	7.24	8.5	31.54	30.26	3.41	4	104	0.188	SE
S3	20200708	Cloudy	Moderate	Mid-Ebb	B	8.8	13:32	7.39	8.52	31.54	30.21	3.31	4	104	0.18	E

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 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20200708	Cloudy	Moderate	Mid-Ebb	M	4.9	13:33	7.23	8.38	32.17	30.51	2.91	6	104	0.177	E
S3	20200708	Cloudy	Moderate	Mid-Ebb	M	4.9	13:33	7.81	8.18	32.06	30.56	3.14	6	104	0.174	SE
S3	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:34	7.99	8.31	32.18	30.18	3.09	6	104	0.185	E
S3	20200708	Cloudy	Moderate	Mid-Ebb	S	1	13:34	7.49	8.19	31.61	30.16	2.99	6	104	0.2	SE
B1	20200710	Cloudy	Moderate	Mid-Flood	B	3.5	10:25	7.24	8.3	31.74	29.19	3.04	3	101	0.184	W
B1	20200710	Cloudy	Moderate	Mid-Flood	B	3.5	10:25	7.47	8.12	31.7	29.35	3.28	3	102	0.212	NW
B1	20200710	Cloudy	Moderate	Mid-Flood	S	1	10:26	7.57	8.45	31.55	29.08	1.91	4	103	0.178	W
B1	20200710	Cloudy	Moderate	Mid-Flood	S	1	10:26	7.16	8.16	31.88	29.16	2.11	4	102	0.184	W
B2	20200710	Cloudy	Moderate	Mid-Flood	B	3.4	10:40	7.32	8.42	31.25	29.47	3.02	4	102	0.205	NW
B2	20200710	Cloudy	Moderate	Mid-Flood	B	3.4	10:40	7.83	8.17	31.9	29.53	3.23	3	101	0.179	W
B2	20200710	Cloudy	Moderate	Mid-Flood	S	1	10:41	7.25	8.28	31.59	29.38	2.57	4	101	0.172	NW
B2	20200710	Cloudy	Moderate	Mid-Flood	S	1	10:41	8.39	8.26	31.25	29.53	2.48	4	102	0.211	W
B3	20200710	Cloudy	Moderate	Mid-Flood	B	4.1	10:00	7.08	8.21	31.74	29.34	2.97	4	102	0.202	W
B3	20200710	Cloudy	Moderate	Mid-Flood	B	4.1	10:00	7.06	8.26	31.27	29.26	3.08	3	101	0.184	W
B3	20200710	Cloudy	Moderate	Mid-Flood	S	1	10:01	7.14	8.47	31.8	29.24	2.5	4	101	0.209	W
B3	20200710	Cloudy	Moderate	Mid-Flood	S	1	10:01	7.8	8.48	31.78	29.41	2.14	5	101	0.214	W
B4	20200710	Cloudy	Moderate	Mid-Flood	B	4	9:52	7.56	8.26	31.49	29.15	2.79	4	102	0.181	NW
B4	20200710	Cloudy	Moderate	Mid-Flood	B	4	9:52	7.7	8.1	31.22	29.3	2.56	4	102	0.21	W
B4	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:53	7.96	8.36	31.98	29.03	3.04	3	101	0.181	NW
B4	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:53	7.02	8.31	31.75	29.08	2.86	4	102	0.212	W
C1A	20200710	Cloudy	Moderate	Mid-Flood	B	9.9	9:54	8	8.32	31.37	29.27	3.26	3	104	0.172	W
C1A	20200710	Cloudy	Moderate	Mid-Flood	B	9.9	9:54	8.18	8.48	31.86	29.17	3.38	3	102	0.188	W
C1A	20200710	Cloudy	Moderate	Mid-Flood	M	5.45	9:55	8.17	8.13	31.23	29.37	2.77	3	102	0.215	W
C1A	20200710	Cloudy	Moderate	Mid-Flood	M	5.45	9:55	7.09	8.48	31.28	29.14	2.23	2	101	0.204	W
C1A	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:56	7.46	8.27	31.73	29.25	2.59	3	102	0.188	W
C1A	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:56	8.42	8.19	31.78	29.22	2.92	2	101	0.185	W
C2A	20200710	Cloudy	Moderate	Mid-Flood	B	10.4	8:49	8.28	8.24	31.63	28.58	3.11	4	102	0.194	W
C2A	20200710	Cloudy	Moderate	Mid-Flood	B	10.4	8:49	7.06	8.29	31.94	28.53	2.67	5	102	0.183	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20200710	Cloudy	Moderate	Mid-Flood	M	5.7	8:50	7.37	8.49	31.94	28.71	2.51	4	101	0.168	W
C2A	20200710	Cloudy	Moderate	Mid-Flood	M	5.7	8:50	7.75	8.49	31.34	28.57	2.73	3	102	0.17	W
C2A	20200710	Cloudy	Moderate	Mid-Flood	S	1	8:51	7.81	8.17	31.47	28.83	1.97	3	102	0.205	W
C2A	20200710	Cloudy	Moderate	Mid-Flood	S	1	8:51	8.21	8.39	31.93	28.82	2.4	4	101	0.178	NW
CR1	20200710	Cloudy	Moderate	Mid-Flood	B	11.4	9:12	7.73	8.11	31.34	28.83	3.33	5	100	0.207	W
CR1	20200710	Cloudy	Moderate	Mid-Flood	B	11.4	9:12	6.96	8.2	31.82	29.07	2.8	6	101	0.196	NW
CR1	20200710	Cloudy	Moderate	Mid-Flood	M	6.2	9:13	7.45	8.11	31.63	28.99	2.47	7	102	0.194	W
CR1	20200710	Cloudy	Moderate	Mid-Flood	M	6.2	9:13	7.26	8.37	31.72	28.83	2.28	6	102	0.187	W
CR1	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:14	8.13	8.36	31.93	28.9	2.86	7	102	0.18	W
CR1	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:14	7.73	8.43	31.75	29.02	3.09	6	102	0.173	W
CR2	20200710	Cloudy	Moderate	Mid-Flood	B	9.7	9:28	7.75	8.19	31.57	29.21	2.79	5	100	0.182	W
CR2	20200710	Cloudy	Moderate	Mid-Flood	B	9.7	9:28	7.99	8.23	31.81	29.17	2.79	5	100	0.197	NW
CR2	20200710	Cloudy	Moderate	Mid-Flood	M	5.35	9:29	8.56	8.13	31.54	29.13	2.97	5	100	0.191	NW
CR2	20200710	Cloudy	Moderate	Mid-Flood	M	5.35	9:29	7.56	8.14	31.91	29.25	2.75	6	100	0.205	NW
CR2	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:30	7.97	8.43	31.43	29.22	2.92	4	101	0.216	W
CR2	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:30	7.51	8.41	31.68	29.12	2.36	6	101	0.198	W
F1A	20200710	Cloudy	Moderate	Mid-Flood	B	7.6	9:29	7.93	8.12	31.8	29.13	3.02	6	102	0.169	W
F1A	20200710	Cloudy	Moderate	Mid-Flood	B	7.6	9:29	8.04	8.48	31.51	28.99	3.27	6	102	0.215	NW
F1A	20200710	Cloudy	Moderate	Mid-Flood	M	4.3	9:30	7.53	8.17	31.4	29.03	3.24	5	101	0.213	W
F1A	20200710	Cloudy	Moderate	Mid-Flood	M	4.3	9:30	7.67	8.33	31.29	29.24	2.89	6	100	0.217	NW
F1A	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:31	7.59	8.48	31.36	28.9	1.96	5	103	0.177	NW
F1A	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:31	7.52	8.12	31.56	29.15	2.24	6	102	0.198	W
H1	20200710	Cloudy	Moderate	Mid-Flood	B	7.5	10:20	7.14	8.22	31.49	29.22	2.85	2	101	0.171	W
H1	20200710	Cloudy	Moderate	Mid-Flood	B	7.5	10:20	8.1	8.24	31.3	29.2	3.37	2	101	0.2	W
H1	20200710	Cloudy	Moderate	Mid-Flood	M	4.25	10:21	7.13	8.33	31.34	29.49	2.4	3	101	0.206	W
H1	20200710	Cloudy	Moderate	Mid-Flood	M	4.25	10:21	8.3	8.45	31.3	29.2	2.4	2	102	0.212	W
H1	20200710	Cloudy	Moderate	Mid-Flood	S	1	10:22	7.94	8.16	31.26	29.3	2.5	3	102	0.197	W
H1	20200710	Cloudy	Moderate	Mid-Flood	S	1	10:22	8.22	8.41	31.73	29.18	2.46	3	101	0.217	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20200710	Cloudy	Moderate	Mid-Flood	B	6.6	9:07	8.18	8.28	31.53	29.01	2.84	5	101	0.187	W
M1	20200710	Cloudy	Moderate	Mid-Flood	B	6.6	9:07	7.04	8.37	31.64	28.98	3.36	4	101	0.195	NW
M1	20200710	Cloudy	Moderate	Mid-Flood	M	3.8	9:08	7.7	8.14	31.7	28.88	2.24	4	102	0.195	W
M1	20200710	Cloudy	Moderate	Mid-Flood	M	3.8	9:08	7.43	8.46	31.49	28.93	2.31	4	100	0.173	W
M1	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:09	7.36	8.15	31.91	29.08	2.91	5	102	0.18	NW
M1	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:09	7.34	8.18	31.71	29.04	2.61	5	101	0.214	NW
S1	20200710	Cloudy	Moderate	Mid-Flood	B	4.5	10:33	8.15	8.45	31.64	29.17	3.05	4	101	0.187	W
S1	20200710	Cloudy	Moderate	Mid-Flood	B	4.5	10:33	7.29	8.37	31.82	29.41	3.45	6	102	0.206	W
S1	20200710	Cloudy	Moderate	Mid-Flood	S	1	10:34	7.49	8.1	31.57	29.3	2.44	4	103	0.181	W
S1	20200710	Cloudy	Moderate	Mid-Flood	S	1	10:34	8.38	8.13	31.66	29.53	2.62	5	103	0.197	NW
S2A	20200710	Cloudy	Moderate	Mid-Flood	B	8.4	10:13	7.07	8.25	31.34	29.21	3.4	7	100	0.207	W
S2A	20200710	Cloudy	Moderate	Mid-Flood	B	8.4	10:13	8.06	8.29	31.8	29.46	2.83	6	101	0.196	W
S2A	20200710	Cloudy	Moderate	Mid-Flood	M	4.7	10:14	8.41	8.47	31.83	29.37	2.74	6	102	0.199	NW
S2A	20200710	Cloudy	Moderate	Mid-Flood	M	4.7	10:14	7.26	8.43	31.41	29.42	3.04	7	101	0.211	W
S2A	20200710	Cloudy	Moderate	Mid-Flood	S	1	10:15	7.11	8.41	31.27	29.23	2.29	6	103	0.214	W
S2A	20200710	Cloudy	Moderate	Mid-Flood	S	1	10:15	7.96	8.22	31.55	29.11	2.17	7	103	0.216	W
S3	20200710	Cloudy	Moderate	Mid-Flood	B	9.8	9:37	7	8.26	31.28	29.15	3.26	6	101	0.174	W
S3	20200710	Cloudy	Moderate	Mid-Flood	B	9.8	9:37	8.11	8.21	31.82	29.09	3.01	5	103	0.202	W
S3	20200710	Cloudy	Moderate	Mid-Flood	M	5.4	9:38	7.02	8.47	31.52	28.95	2.51	6	101	0.204	NW
S3	20200710	Cloudy	Moderate	Mid-Flood	M	5.4	9:38	8.18	8.5	31.93	29.2	2.52	6	102	0.201	W
S3	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:39	7.75	8.37	31.28	29.14	2.33	6	102	0.17	NW
S3	20200710	Cloudy	Moderate	Mid-Flood	S	1	9:39	8.45	8.32	31.66	29.13	2.98	7	103	0.193	W
B1	20200710	Cloudy	Moderate	Mid-Ebb	B	3.6	14:17	7.73	8.34	31.92	30.14	2.55	7	100	0.175	SE
B1	20200710	Cloudy	Moderate	Mid-Ebb	B	3.6	14:17	7.27	8.49	31.75	30.41	3.17	8	102	0.168	SE
B1	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:18	6.92	8.27	31.53	30.34	2.47	3	100	0.215	E
B1	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:18	8.05	8.36	31.46	30.42	2.27	4	102	0.208	E
B2	20200710	Cloudy	Moderate	Mid-Ebb	B	4.5	13:58	7.75	8.31	31.48	30.13	2.8	4	101	0.156	SE
B2	20200710	Cloudy	Moderate	Mid-Ebb	B	4.5	13:58	6.97	8.27	31.66	30.46	2.74	5	103	0.201	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20200710	Cloudy	Moderate	Mid-Ebb	S	1	13:59	7.8	8.19	31.75	30.37	2.13	6	102	0.19	SE
B2	20200710	Cloudy	Moderate	Mid-Ebb	S	1	13:59	7.99	8.4	31.57	30.27	2.6	5	103	0.216	E
B3	20200710	Cloudy	Moderate	Mid-Ebb	B	3.4	14:42	8.18	8.45	31.58	30.53	2.87	4	106	0.167	E
B3	20200710	Cloudy	Moderate	Mid-Ebb	B	3.4	14:42	8.01	8.4	31.96	30.28	2.85	4	105	0.214	SE
B3	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:43	7.7	8.27	31.39	30.62	2.61	3	106	0.197	SE
B3	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:43	7.1	8.25	31.63	30.43	2.97	4	106	0.157	SE
B4	20200710	Cloudy	Moderate	Mid-Ebb	B	3.3	14:50	8.11	8.38	31.85	30.38	3.08	7	105	0.146	SE
B4	20200710	Cloudy	Moderate	Mid-Ebb	B	3.3	14:50	7.15	8.36	31.94	30.44	3.59	6	106	0.155	SE
B4	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:51	7.45	8.49	31.54	30.38	2.43	5	105	0.214	SE
B4	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:51	8.17	8.47	31.61	30.22	2.39	4	106	0.217	SE
C1A	20200710	Cloudy	Moderate	Mid-Ebb	B	10.1	15:16	7.7	8.3	31.73	30.17	3.2	4	103	0.199	E
C1A	20200710	Cloudy	Moderate	Mid-Ebb	B	10.1	15:16	8.27	8.24	31.59	30.37	2.94	4	102	0.209	E
C1A	20200710	Cloudy	Moderate	Mid-Ebb	M	5.55	15:17	8.02	8.24	31.43	30.47	2.46	4	102	0.2	SE
C1A	20200710	Cloudy	Moderate	Mid-Ebb	M	5.55	15:17	7.16	8.26	31.35	30.14	2.57	4	102	0.194	SE
C1A	20200710	Cloudy	Moderate	Mid-Ebb	S	1	15:18	7.38	8.34	31.55	30.1	2.45	6	106	0.177	E
C1A	20200710	Cloudy	Moderate	Mid-Ebb	S	1	15:18	7.87	8.34	31.7	30.34	2.65	5	106	0.209	E
C2A	20200710	Cloudy	Moderate	Mid-Ebb	B	10.7	13:52	7.52	8.23	31.39	30.08	3.58	5	103	0.167	SE
C2A	20200710	Cloudy	Moderate	Mid-Ebb	B	10.7	13:52	7.75	8.35	31.65	30.13	3.43	4	102	0.152	SE
C2A	20200710	Cloudy	Moderate	Mid-Ebb	M	5.85	13:53	7.91	8.47	31.94	30.32	2.59	4	102	0.152	E
C2A	20200710	Cloudy	Moderate	Mid-Ebb	M	5.85	13:53	8.29	8.21	31.81	30.08	3.06	3	101	0.157	SE
C2A	20200710	Cloudy	Moderate	Mid-Ebb	S	1	13:54	7.14	8.29	31.38	30.08	2.81	3	102	0.197	SE
C2A	20200710	Cloudy	Moderate	Mid-Ebb	S	1	13:54	7.33	8.48	31.57	30.43	2.25	2	103	0.192	E
CR1	20200710	Cloudy	Moderate	Mid-Ebb	B	11.8	14:54	8.12	8.43	31.6	30.41	3.46	3	102	0.199	SE
CR1	20200710	Cloudy	Moderate	Mid-Ebb	B	11.8	14:54	7.65	8.22	31.4	30.42	2.78	3	102	0.175	SE
CR1	20200710	Cloudy	Moderate	Mid-Ebb	M	6.4	14:55	7.9	8.43	31.45	30.26	2.68	3	101	0.155	SE
CR1	20200710	Cloudy	Moderate	Mid-Ebb	M	6.4	14:55	6.92	8.23	31.76	30.3	3.18	3	102	0.149	SE
CR1	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:56	8.11	8.3	31.75	30.31	2.23	4	100	0.217	SE
CR1	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:56	6.84	8.28	31.85	30.36	2.57	4	104	0.193	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20200710	Cloudy	Moderate	Mid-Ebb	B	11.3	14:32	8.16	8.47	31.86	30.52	3.08	3	103	0.193	E
CR2	20200710	Cloudy	Moderate	Mid-Ebb	B	11.3	14:32	7.3	8.21	31.41	30.51	3.11	4	102	0.156	SE
CR2	20200710	Cloudy	Moderate	Mid-Ebb	M	6.15	14:33	6.81	8.47	31.58	30.39	2.61	4	102	0.174	SE
CR2	20200710	Cloudy	Moderate	Mid-Ebb	M	6.15	14:33	6.54	8.27	31.58	30.21	3.13	4	103	0.152	SE
CR2	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:34	8.16	8.28	31.69	30.3	2.91	3	100	0.175	SE
CR2	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:34	7.78	8.21	31.83	30.29	3.01	3	102	0.179	E
F1A	20200710	Cloudy	Moderate	Mid-Ebb	B	7.5	15:10	7.63	8.4	31.71	30.42	3.07	2	103	0.205	E
F1A	20200710	Cloudy	Moderate	Mid-Ebb	B	7.5	15:10	7.63	8.32	31.35	30.41	3.59	4	102	0.179	SE
F1A	20200710	Cloudy	Moderate	Mid-Ebb	M	4.25	15:11	7.05	8.28	31.81	30.13	2.96	4	103	0.157	SE
F1A	20200710	Cloudy	Moderate	Mid-Ebb	M	4.25	15:11	7.99	8.29	31.79	30.36	3.04	5	101	0.154	E
F1A	20200710	Cloudy	Moderate	Mid-Ebb	S	1	15:12	6.56	8.25	31.61	30.47	2.76	5	102	0.162	SE
F1A	20200710	Cloudy	Moderate	Mid-Ebb	S	1	15:12	7.64	8.22	31.66	30.48	2.48	4	103	0.169	SE
H1	20200710	Cloudy	Moderate	Mid-Ebb	B	7.6	14:15	7.46	8.24	31.97	30.23	3.05	4	106	0.215	E
H1	20200710	Cloudy	Moderate	Mid-Ebb	B	7.6	14:15	6.9	8.38	31.45	30.33	2.82	3	106	0.151	E
H1	20200710	Cloudy	Moderate	Mid-Ebb	M	4.3	14:16	8.12	8.37	31.43	30.2	2.83	3	105	0.157	E
H1	20200710	Cloudy	Moderate	Mid-Ebb	M	4.3	14:16	7.72	8.24	31.78	30.41	2.41	4	105	0.154	E
H1	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:17	6.65	8.32	31.69	30.36	1.96	5	105	0.208	SE
H1	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:17	7.04	8.22	31.61	30.24	2.13	4	106	0.176	E
M1	20200710	Cloudy	Moderate	Mid-Ebb	B	8.9	15:30	7.63	8.25	31.93	30.18	3.24	4	102	0.216	SE
M1	20200710	Cloudy	Moderate	Mid-Ebb	B	8.9	15:30	7.01	8.43	31.5	30.41	2.63	5	102	0.188	SE
M1	20200710	Cloudy	Moderate	Mid-Ebb	M	4.95	15:31	8.1	8.36	31.65	30.52	3.22	3	101	0.183	SE
M1	20200710	Cloudy	Moderate	Mid-Ebb	M	4.95	15:31	7.64	8.28	31.39	30.46	2.61	4	102	0.156	SE
M1	20200710	Cloudy	Moderate	Mid-Ebb	S	1	15:32	6.92	8.42	31.8	30.1	2.02	3	100	0.163	E
M1	20200710	Cloudy	Moderate	Mid-Ebb	S	1	15:32	8.05	8.42	31.49	30.35	2.49	4	102	0.196	SE
S1	20200710	Cloudy	Moderate	Mid-Ebb	B	4	14:07	7.73	8.21	31.83	30.41	2.81	6	101	0.182	SE
S1	20200710	Cloudy	Moderate	Mid-Ebb	B	4	14:07	7.74	8.49	31.5	30.23	3	7	102	0.171	E
S1	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:08	7.09	8.22	31.43	30.16	2.78	3	102	0.189	E
S1	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:08	6.86	8.33	31.57	30.21	2.37	4	102	0.211	E

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20200710	Cloudy	Moderate	Mid-Ebb	B	7.8	14:30	8.25	8.4	31.56	30.47	2.89	4	101	0.166	E
S2A	20200710	Cloudy	Moderate	Mid-Ebb	B	7.8	14:30	8	8.25	31.92	30.35	3.56	4	102	0.149	E
S2A	20200710	Cloudy	Moderate	Mid-Ebb	M	4.4	14:31	7.57	8.35	31.72	30.46	2.41	4	102	0.197	SE
S2A	20200710	Cloudy	Moderate	Mid-Ebb	M	4.4	14:31	7.42	8.44	31.45	30.47	3.04	4	102	0.193	E
S2A	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:32	6.71	8.24	31.85	30.29	2.34	7	102	0.186	SE
S2A	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:32	6.97	8.45	31.92	30.39	2.51	6	102	0.173	SE
S3	20200710	Cloudy	Moderate	Mid-Ebb	B	8.9	14:42	7.16	8.19	31.43	30.52	3.14	4	102	0.181	SE
S3	20200710	Cloudy	Moderate	Mid-Ebb	B	8.9	14:42	8.02	8.26	31.88	30.58	3.13	3	102	0.156	SE
S3	20200710	Cloudy	Moderate	Mid-Ebb	M	4.95	14:43	7.89	8.23	31.5	30.54	2.43	4	103	0.163	SE
S3	20200710	Cloudy	Moderate	Mid-Ebb	M	4.95	14:43	7.3	8.2	31.61	30.51	2.83	4	101	0.172	SE
S3	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:44	6.87	8.43	31.53	30.53	2.01	4	103	0.174	SE
S3	20200710	Cloudy	Moderate	Mid-Ebb	S	1	14:44	6.93	8.28	31.4	30.38	2.09	4	102	0.147	SE
B1	20200713	Sunny	Moderate	Mid-Flood	B	3.4	11:53	7.15	8.2	32.11	30.67	3.38	5	103	0.217	W
B1	20200713	Sunny	Moderate	Mid-Flood	B	3.4	11:53	7.22	8.44	32.11	30.93	2.71	4	103	0.265	W
B1	20200713	Sunny	Moderate	Mid-Flood	S	1	11:54	7.11	8.25	32.09	31	2.79	5	103	0.196	W
B1	20200713	Sunny	Moderate	Mid-Flood	S	1	11:54	7.61	8.39	32.1	31.09	2.77	5	102	0.191	W
B2	20200713	Sunny	Moderate	Mid-Flood	B	3.9	12:09	6.91	8.35	32.08	30.72	2.67	4	103	0.21	W
B2	20200713	Sunny	Moderate	Mid-Flood	B	3.9	12:09	6.87	8.36	32.03	30.89	2.89	5	103	0.232	W
B2	20200713	Sunny	Moderate	Mid-Flood	S	1	12:10	6.81	8.32	32.14	31.13	2.9	4	103	0.248	W
B2	20200713	Sunny	Moderate	Mid-Flood	S	1	12:10	7.2	8.2	32.07	30.73	2.43	4	102	0.24	W
B3	20200713	Sunny	Moderate	Mid-Flood	B	3.6	11:27	7.23	8.47	32.14	30.87	3.33	5	102	0.257	NW
B3	20200713	Sunny	Moderate	Mid-Flood	B	3.6	11:27	7.52	8.2	32.11	30.57	2.84	4	102	0.257	W
B3	20200713	Sunny	Moderate	Mid-Flood	S	1	11:28	6.74	8.33	32.07	30.58	2.88	4	103	0.197	NW
B3	20200713	Sunny	Moderate	Mid-Flood	S	1	11:28	6.76	8.33	32.08	30.6	2.32	4	103	0.171	W
B4	20200713	Sunny	Moderate	Mid-Flood	B	3.6	11:19	6.81	8.47	32.15	30.85	2.56	4	102	0.229	W
B4	20200713	Sunny	Moderate	Mid-Flood	B	3.6	11:19	6.98	8.33	32.09	30.54	2.9	4	102	0.277	NW
B4	20200713	Sunny	Moderate	Mid-Flood	S	1	11:20	6.8	8.43	32.04	30.56	2.51	4	101	0.262	W
B4	20200713	Sunny	Moderate	Mid-Flood	S	1	11:20	6.97	8.24	32.04	30.56	2.93	5	103	0.209	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20200713	Sunny	Moderate	Mid-Flood	B	9	11:04	7.59	8.3	32.05	30.55	3.31	6	101	0.232	NW
C1A	20200713	Sunny	Moderate	Mid-Flood	B	9	11:04	7.55	8.3	32.11	30.79	3.4	6	102	0.172	W
C1A	20200713	Sunny	Moderate	Mid-Flood	M	5	11:05	7.39	8.31	32.07	30.74	2.42	5	102	0.226	W
C1A	20200713	Sunny	Moderate	Mid-Flood	M	5	11:05	7.32	8.27	32.15	30.7	2.44	6	101	0.175	W
C1A	20200713	Sunny	Moderate	Mid-Flood	S	1	11:06	7.37	8.34	32.15	30.62	2.24	4	101	0.272	W
C1A	20200713	Sunny	Moderate	Mid-Flood	S	1	11:06	7.27	8.48	32.09	30.94	2.69	4	102	0.185	W
C2A	20200713	Sunny	Moderate	Mid-Flood	B	10.5	9:57	6.76	8.22	32.09	30.64	2.7	4	101	0.251	W
C2A	20200713	Sunny	Moderate	Mid-Flood	B	10.5	9:57	7.15	8.36	32.05	30.47	3.19	4	100	0.192	W
C2A	20200713	Sunny	Moderate	Mid-Flood	M	5.75	9:58	6.66	8.48	32.07	30.43	2.98	4	102	0.262	NW
C2A	20200713	Sunny	Moderate	Mid-Flood	M	5.75	9:58	6.74	8.35	32.11	30.75	3.12	5	101	0.217	W
C2A	20200713	Sunny	Moderate	Mid-Flood	S	1	9:59	6.89	8.25	32.12	30.39	2.34	4	101	0.276	W
C2A	20200713	Sunny	Moderate	Mid-Flood	S	1	9:59	7.07	8.23	32.11	30.58	2.81	5	102	0.27	NW
CR1	20200713	Sunny	Moderate	Mid-Flood	B	12.1	10:20	7.35	8.28	32.15	30.64	2.97	4	106	0.244	W
CR1	20200713	Sunny	Moderate	Mid-Flood	B	12.1	10:20	7.07	8.28	32.08	30.71	3.46	4	106	0.236	NW
CR1	20200713	Sunny	Moderate	Mid-Flood	M	6.55	10:21	6.92	8.44	32.14	30.64	2.91	6	105	0.251	W
CR1	20200713	Sunny	Moderate	Mid-Flood	M	6.55	10:21	6.89	8.4	32.09	30.49	2.34	6	105	0.263	W
CR1	20200713	Sunny	Moderate	Mid-Flood	S	1	10:22	6.83	8.34	32.12	30.43	2.84	7	105	0.208	NW
CR1	20200713	Sunny	Moderate	Mid-Flood	S	1	10:22	7.43	8.39	32.12	30.53	2.39	6	106	0.183	NW
CR2	20200713	Sunny	Moderate	Mid-Flood	B	9.9	10:35	6.74	8.2	32.04	30.79	3.29	3	106	0.25	W
CR2	20200713	Sunny	Moderate	Mid-Flood	B	9.9	10:35	7.43	8.2	32.15	30.49	3.03	3	106	0.24	W
CR2	20200713	Sunny	Moderate	Mid-Flood	M	5.45	10:36	7.07	8.29	32.15	30.61	2.74	3	105	0.184	W
CR2	20200713	Sunny	Moderate	Mid-Flood	M	5.45	10:36	7.36	8.43	32.15	30.68	2.93	4	106	0.17	W
CR2	20200713	Sunny	Moderate	Mid-Flood	S	1	10:37	7.08	8.39	32.04	30.46	2.53	3	106	0.262	W
CR2	20200713	Sunny	Moderate	Mid-Flood	S	1	10:37	6.96	8.19	32.09	30.52	2.4	4	105	0.231	W
F1A	20200713	Sunny	Moderate	Mid-Flood	B	7.7	10:55	7.28	8.29	32.06	30.71	3	5	100	0.174	W
F1A	20200713	Sunny	Moderate	Mid-Flood	B	7.7	10:55	7.32	8.28	32.07	30.89	2.69	5	101	0.251	W
F1A	20200713	Sunny	Moderate	Mid-Flood	M	4.35	10:56	6.9	8.46	32.1	30.48	2.46	5	102	0.171	NW
F1A	20200713	Sunny	Moderate	Mid-Flood	M	4.35	10:56	7.04	8.38	32.03	30.49	2.2	4	102	0.168	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20200713	Sunny	Moderate	Mid-Flood	S	1	10:57	7.32	8.38	32.14	30.52	2.78	4	103	0.178	W
F1A	20200713	Sunny	Moderate	Mid-Flood	S	1	10:57	7.47	8.33	32.13	30.51	2.86	4	102	0.276	W
H1	20200713	Sunny	Moderate	Mid-Flood	B	7.2	11:31	7.39	8.2	32.07	30.58	3.19	4	103	0.21	W
H1	20200713	Sunny	Moderate	Mid-Flood	B	7.2	11:31	7.05	8.23	32.15	30.81	2.76	5	102	0.23	W
H1	20200713	Sunny	Moderate	Mid-Flood	M	4.1	11:32	7.29	8.39	32.1	30.69	2.23	5	102	0.211	W
H1	20200713	Sunny	Moderate	Mid-Flood	M	4.1	11:32	7.07	8.47	32.12	30.65	2.53	4	101	0.231	W
H1	20200713	Sunny	Moderate	Mid-Flood	S	1	11:33	7.38	8.37	32.07	30.64	2.45	4	102	0.193	NW
H1	20200713	Sunny	Moderate	Mid-Flood	S	1	11:33	6.98	8.32	32.06	30.7	2.69	4	103	0.277	NW
M1	20200713	Sunny	Moderate	Mid-Flood	B	6.8	10:33	6.77	8.29	32.03	30.58	3.37	5	102	0.215	W
M1	20200713	Sunny	Moderate	Mid-Flood	B	6.8	10:33	6.68	8.21	32.06	30.71	2.73	5	103	0.246	W
M1	20200713	Sunny	Moderate	Mid-Flood	M	3.9	10:34	6.82	8.3	32.08	30.59	2.63	4	101	0.261	W
M1	20200713	Sunny	Moderate	Mid-Flood	M	3.9	10:34	7.38	8.18	32.04	30.44	2.73	4	102	0.22	W
M1	20200713	Sunny	Moderate	Mid-Flood	S	1	10:35	6.71	8.31	32.06	30.57	2.15	3	103	0.28	NW
M1	20200713	Sunny	Moderate	Mid-Flood	S	1	10:35	6.82	8.3	32.06	30.54	2.19	4	102	0.176	W
S1	20200713	Sunny	Moderate	Mid-Flood	B	4	12:01	7.46	8.41	32.03	31.06	2.87	5	102	0.228	W
S1	20200713	Sunny	Moderate	Mid-Flood	B	4	12:01	6.85	8.3	32.08	30.69	3.43	6	101	0.233	W
S1	20200713	Sunny	Moderate	Mid-Flood	S	1	12:02	7.19	8.24	32.08	30.85	2.53	3	105	0.22	W
S1	20200713	Sunny	Moderate	Mid-Flood	S	1	12:02	7.01	8.19	32.06	31.14	2.19	4	102	0.175	W
S2A	20200713	Sunny	Moderate	Mid-Flood	B	8.8	11:41	7.12	8.26	32.03	30.79	3.08	5	106	0.198	W
S2A	20200713	Sunny	Moderate	Mid-Flood	B	8.8	11:41	7.09	8.27	32.06	31.16	3.26	5	105	0.262	W
S2A	20200713	Sunny	Moderate	Mid-Flood	M	4.9	11:42	7.4	8.4	32.12	30.74	2.47	7	106	0.231	W
S2A	20200713	Sunny	Moderate	Mid-Flood	M	4.9	11:42	7.17	8.42	32.05	30.85	3.04	6	106	0.234	W
S2A	20200713	Sunny	Moderate	Mid-Flood	S	1	11:43	7.09	8.23	32.05	30.73	2.9	7	105	0.205	W
S2A	20200713	Sunny	Moderate	Mid-Flood	S	1	11:43	7.46	8.36	32.04	30.83	2.7	6	105	0.247	W
S3	20200713	Sunny	Moderate	Mid-Flood	B	8.6	10:45	7.52	8.47	32.06	30.61	2.77	4	105	0.216	W
S3	20200713	Sunny	Moderate	Mid-Flood	B	8.6	10:45	6.98	8.25	32.03	30.87	3.15	5	105	0.177	W
S3	20200713	Sunny	Moderate	Mid-Flood	M	4.8	10:46	7.1	8.39	32.08	30.87	2.57	5	105	0.248	NW
S3	20200713	Sunny	Moderate	Mid-Flood	M	4.8	10:46	6.73	8.37	32.05	30.6	3.13	4	105	0.233	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20200713	Sunny	Moderate	Mid-Flood	S	1	10:47	6.86	8.44	32.04	30.48	1.86	4	106	0.241	W
S3	20200713	Sunny	Moderate	Mid-Flood	S	1	10:47	7.41	8.39	32.03	30.75	1.87	5	106	0.227	W
B1	20200713	Sunny	Moderate	Mid-Ebb	B	4.1	15:07	6.75	8.28	32.31	31.35	2.88	7	101	0.209	SE
B1	20200713	Sunny	Moderate	Mid-Ebb	B	4.1	15:07	7.38	8.25	32.67	31.22	2.39	8	100	0.157	SE
B1	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:08	7.43	8.26	32.32	31.06	1.85	5	100	0.171	E
B1	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:08	6.58	8.29	32.5	31.33	1.76	5	100	0.225	E
B2	20200713	Sunny	Moderate	Mid-Ebb	B	4.9	14:48	7.59	8.38	32.06	31.18	2.81	6	98	0.231	SE
B2	20200713	Sunny	Moderate	Mid-Ebb	B	4.9	14:48	6.54	8.37	32.25	30.92	2.35	6	101	0.248	SE
B2	20200713	Sunny	Moderate	Mid-Ebb	S	1	14:49	7.82	8.15	32.26	31.1	1.89	6	99	0.172	SE
B2	20200713	Sunny	Moderate	Mid-Ebb	S	1	14:49	7.82	8.4	32.51	31.28	2.23	5	100	0.186	SE
B3	20200713	Sunny	Moderate	Mid-Ebb	B	3.6	15:31	6.73	8.27	32.15	30.78	2.14	7	99	0.185	SE
B3	20200713	Sunny	Moderate	Mid-Ebb	B	3.6	15:31	7.65	8.2	32.36	30.76	2.14	8	99	0.181	SE
B3	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:32	6.89	8.38	32.21	30.91	2.38	5	100	0.199	SE
B3	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:32	7.32	8.25	32.55	30.87	2.76	4	101	0.163	SE
B4	20200713	Sunny	Moderate	Mid-Ebb	B	3.4	15:39	7.63	8.39	32.36	31.13	2.89	6	100	0.174	E
B4	20200713	Sunny	Moderate	Mid-Ebb	B	3.4	15:39	7.08	8.29	32.44	30.95	2.52	5	101	0.234	SE
B4	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:40	6.9	8.31	32.19	31.12	2.17	4	100	0.243	E
B4	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:40	7.6	8.42	32.41	30.69	2.5	5	99	0.195	SE
C1A	20200713	Sunny	Moderate	Mid-Ebb	B	9	14:47	6.62	8.23	32.29	31.31	2.33	3	100	0.188	SE
C1A	20200713	Sunny	Moderate	Mid-Ebb	B	9	14:47	6.93	8.41	32.6	31	2.86	4	100	0.21	SE
C1A	20200713	Sunny	Moderate	Mid-Ebb	M	5	14:48	6.79	8.46	32.45	31.33	2.31	4	100	0.176	E
C1A	20200713	Sunny	Moderate	Mid-Ebb	M	5	14:48	7.62	8.39	32.62	31.32	2.25	4	99	0.16	SE
C1A	20200713	Sunny	Moderate	Mid-Ebb	S	1	14:49	7.61	8.33	32.45	31.4	1.98	5	102	0.2	E
C1A	20200713	Sunny	Moderate	Mid-Ebb	S	1	14:49	7.49	8.47	32.48	31.42	2.03	4	101	0.175	E
C2A	20200713	Sunny	Moderate	Mid-Ebb	B	10.4	16:10	6.64	8.38	32.15	30.79	3.17	7	101	0.24	SE
C2A	20200713	Sunny	Moderate	Mid-Ebb	B	10.4	16:10	7.65	8.41	32.48	31.22	2.82	6	101	0.154	SE
C2A	20200713	Sunny	Moderate	Mid-Ebb	M	5.7	16:11	7.51	8.25	32.41	30.97	2.78	6	99	0.204	SE
C2A	20200713	Sunny	Moderate	Mid-Ebb	M	5.7	16:11	7.63	8.16	32.54	31.21	2.53	4	100	0.215	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20200713	Sunny	Moderate	Mid-Ebb	S	1	16:12	6.57	8.45	32.16	30.72	2.79	5	101	0.216	SE
C2A	20200713	Sunny	Moderate	Mid-Ebb	S	1	16:12	7.1	8.27	32.22	31.14	1.86	4	99	0.252	SE
CR1	20200713	Sunny	Moderate	Mid-Ebb	B	12.1	15:49	6.66	8.45	32.25	31.04	2.84	4	99	0.196	SE
CR1	20200713	Sunny	Moderate	Mid-Ebb	B	12.1	15:49	7.83	8.46	32.43	31.23	2.92	5	100	0.209	SE
CR1	20200713	Sunny	Moderate	Mid-Ebb	M	6.55	15:50	7.41	8.39	32.23	31.22	2.28	4	100	0.22	SE
CR1	20200713	Sunny	Moderate	Mid-Ebb	M	6.55	15:50	7.51	8.21	32.29	30.69	2.25	5	100	0.175	E
CR1	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:51	6.71	8.27	32.39	31.18	2.23	6	100	0.161	E
CR1	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:51	7.14	8.23	32.65	30.68	1.82	5	100	0.167	E
CR2	20200713	Sunny	Moderate	Mid-Ebb	B	10.5	15:28	7.11	8.23	32.22	31.36	2.38	5	99	0.202	SE
CR2	20200713	Sunny	Moderate	Mid-Ebb	B	10.5	15:28	7.55	8.42	32.43	31.33	3.28	5	100	0.159	E
CR2	20200713	Sunny	Moderate	Mid-Ebb	M	5.75	15:29	7.75	8.29	32.17	30.96	2.33	6	100	0.203	SE
CR2	20200713	Sunny	Moderate	Mid-Ebb	M	5.75	15:29	7.51	8.34	32.49	31.03	2.85	5	101	0.186	E
CR2	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:30	6.75	8.32	32.47	30.8	2.19	5	100	0.231	SE
CR2	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:30	6.67	8.3	32.57	31.24	2.59	6	101	0.234	SE
F1A	20200713	Sunny	Moderate	Mid-Ebb	B	7.3	15:57	7.58	8.35	32.34	30.93	2.57	7	99	0.231	SE
F1A	20200713	Sunny	Moderate	Mid-Ebb	B	7.3	15:57	7.26	8.16	32.51	31.08	2.61	6	100	0.225	SE
F1A	20200713	Sunny	Moderate	Mid-Ebb	M	4.15	15:58	7.53	8.21	32.15	31	2.07	6	99	0.175	SE
F1A	20200713	Sunny	Moderate	Mid-Ebb	M	4.15	15:58	7.81	8.38	32.21	31.26	2.39	7	100	0.169	E
F1A	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:59	7.53	8.39	32.19	30.83	2.47	5	101	0.147	SE
F1A	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:59	7.02	8.36	32.52	31.17	1.93	5	99	0.228	SE
H1	20200713	Sunny	Moderate	Mid-Ebb	B	7.5	15:11	7.13	8.17	32.29	30.99	2.58	8	100	0.201	SE
H1	20200713	Sunny	Moderate	Mid-Ebb	B	7.5	15:11	7.65	8.4	32.66	31.09	3.2	9	100	0.201	SE
H1	20200713	Sunny	Moderate	Mid-Ebb	M	4.25	15:12	6.91	8.38	32.21	31.47	2.56	4	100	0.23	E
H1	20200713	Sunny	Moderate	Mid-Ebb	M	4.25	15:12	6.55	8.41	32.26	30.95	2.85	5	101	0.191	E
H1	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:13	6.75	8.4	32.38	31.32	2.16	4	99	0.159	SE
H1	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:13	7.11	8.28	32.54	31.02	1.85	4	99	0.18	SE
M1	20200713	Sunny	Moderate	Mid-Ebb	B	8.7	16:16	6.77	8.31	32.33	30.74	3.28	6	101	0.197	SE
M1	20200713	Sunny	Moderate	Mid-Ebb	B	8.7	16:16	7.46	8.17	32.38	30.82	2.74	6	100	0.206	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20200713	Sunny	Moderate	Mid-Ebb	M	4.85	16:17	7.23	8.2	32.37	30.53	2.81	5	100	0.218	E
M1	20200713	Sunny	Moderate	Mid-Ebb	M	4.85	16:17	7.19	8.38	32.45	30.68	2.46	6	100	0.174	SE
M1	20200713	Sunny	Moderate	Mid-Ebb	S	1	16:18	6.77	8.17	32.24	30.53	2.37	5	100	0.212	SE
M1	20200713	Sunny	Moderate	Mid-Ebb	S	1	16:18	7.8	8.28	32.57	30.53	2.55	6	100	0.172	SE
S1	20200713	Sunny	Moderate	Mid-Ebb	B	4.2	14:58	6.69	8.45	32.21	31.27	3.13	6	99	0.232	SE
S1	20200713	Sunny	Moderate	Mid-Ebb	B	4.2	14:58	7.59	8.32	32.37	31.15	2.78	7	100	0.189	SE
S1	20200713	Sunny	Moderate	Mid-Ebb	S	1	14:59	6.54	8.28	32.12	31.47	1.85	5	100	0.208	SE
S1	20200713	Sunny	Moderate	Mid-Ebb	S	1	14:59	6.68	8.46	32.3	31.04	1.92	5	100	0.188	E
S2A	20200713	Sunny	Moderate	Mid-Ebb	B	8.4	15:18	7.69	8.48	32.33	31.29	2.99	7	100	0.192	SE
S2A	20200713	Sunny	Moderate	Mid-Ebb	B	8.4	15:18	6.75	8.24	32.6	31.41	2.56	6	101	0.204	SE
S2A	20200713	Sunny	Moderate	Mid-Ebb	M	4.7	15:19	7	8.35	32.35	31.4	2.88	6	100	0.2	SE
S2A	20200713	Sunny	Moderate	Mid-Ebb	M	4.7	15:19	6.52	8.28	32.52	31.3	2.38	5	100	0.221	SE
S2A	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:20	6.68	8.2	32.32	31.02	2.32	5	100	0.237	E
S2A	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:20	7.04	8.49	32.44	31.06	2.78	5	99	0.188	SE
S3	20200713	Sunny	Moderate	Mid-Ebb	B	8.8	15:37	7.48	8.31	32.6	31.25	2.62	7	101	0.168	SE
S3	20200713	Sunny	Moderate	Mid-Ebb	B	8.8	15:37	6.65	8.31	32.62	31.01	2.75	8	101	0.246	SE
S3	20200713	Sunny	Moderate	Mid-Ebb	M	4.9	15:38	6.92	8.43	32.17	30.83	2.67	7	99	0.189	E
S3	20200713	Sunny	Moderate	Mid-Ebb	M	4.9	15:38	7.46	8.27	32.19	31.16	2.35	6	100	0.205	E
S3	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:39	7.87	8.29	32.16	30.81	2.4	4	99	0.147	E
S3	20200713	Sunny	Moderate	Mid-Ebb	S	1	15:39	7.87	8.37	32.28	30.77	2.48	5	101	0.17	SE
B1	20200715	Cloudy	Moderate	Mid-Ebb	B	4.1	10:15	7.51	8.3	31.71	30.53	2.92	7	101	0.17	SE
B1	20200715	Cloudy	Moderate	Mid-Ebb	B	4.1	10:15	7.22	8.44	31.85	30.67	3.18	8	101	0.154	SE
B1	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:16	7.61	8.56	31.9	30.64	2.47	7	101	0.158	SE
B1	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:16	7.58	8.6	31.78	30.42	2.11	7	100	0.21	E
B2	20200715	Cloudy	Moderate	Mid-Ebb	B	4.8	10:32	7.54	8.5	31.64	30.25	2.91	7	102	0.182	SE
B2	20200715	Cloudy	Moderate	Mid-Ebb	B	4.8	10:32	7.51	8.4	31.91	30.65	2.75	6	100	0.173	SE
B2	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:33	7.84	8.62	31.96	30.49	2.31	7	101	0.176	SE
B2	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:33	8.16	8.3	31.71	30.8	2.12	6	100	0.194	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B3	20200715	Cloudy	Moderate	Mid-Ebb	B	3.8	9:52	7.27	8.32	31.72	30.5	2.53	6	101	0.19	E
B3	20200715	Cloudy	Moderate	Mid-Ebb	B	3.8	9:52	7.29	8.28	31.89	30.55	3.09	5	101	0.211	E
B3	20200715	Cloudy	Moderate	Mid-Ebb	S	1	9:53	8.24	8.32	31.77	30.46	2.79	7	101	0.157	SE
B3	20200715	Cloudy	Moderate	Mid-Ebb	S	1	9:53	7.61	8.48	31.62	30.42	2.88	7	100	0.212	E
B4	20200715	Cloudy	Moderate	Mid-Ebb	B	3.6	9:41	7.51	8.29	31.49	30.4	3.06	8	101	0.208	SE
B4	20200715	Cloudy	Moderate	Mid-Ebb	B	3.6	9:41	7.79	8.23	31.86	30.49	2.61	8	100	0.178	SE
B4	20200715	Cloudy	Moderate	Mid-Ebb	S	1	9:42	7.78	8.58	31.8	30.32	2.41	7	100	0.156	SE
B4	20200715	Cloudy	Moderate	Mid-Ebb	S	1	9:42	7.85	8.42	31.46	30.39	2.42	7	101	0.215	SE
C1A	20200715	Cloudy	Moderate	Mid-Ebb	B	9.8	9:41	7.55	8.41	31.61	30.36	3.07	6	101	0.191	E
C1A	20200715	Cloudy	Moderate	Mid-Ebb	B	9.8	9:41	8.11	8.24	31.98	30.57	2.9	6	101	0.153	SE
C1A	20200715	Cloudy	Moderate	Mid-Ebb	M	5.4	9:42	7.48	8.38	32.01	30.31	2.83	5	102	0.171	SE
C1A	20200715	Cloudy	Moderate	Mid-Ebb	M	5.4	9:42	8.02	8.37	31.47	30.59	2.35	6	101	0.156	E
C1A	20200715	Cloudy	Moderate	Mid-Ebb	S	1	9:43	7.75	8.41	31.85	30.53	2.5	5	101	0.215	SE
C1A	20200715	Cloudy	Moderate	Mid-Ebb	S	1	9:43	7.96	8.27	31.59	30.24	2.96	5	103	0.208	E
C2A	20200715	Cloudy	Moderate	Mid-Ebb	B	10.4	10:59	8.02	8.43	31.5	30.99	3.33	7	102	0.186	SE
C2A	20200715	Cloudy	Moderate	Mid-Ebb	B	10.4	10:59	8.24	8.42	31.92	31.04	3.46	8	102	0.165	SE
C2A	20200715	Cloudy	Moderate	Mid-Ebb	M	5.7	11:00	7.27	8.49	31.86	30.97	3.06	6	101	0.213	SE
C2A	20200715	Cloudy	Moderate	Mid-Ebb	M	5.7	11:00	7.34	8.32	31.56	30.83	2.8	6	100	0.194	SE
C2A	20200715	Cloudy	Moderate	Mid-Ebb	S	1	11:01	7.89	8.3	31.62	30.58	2.57	6	102	0.164	E
C2A	20200715	Cloudy	Moderate	Mid-Ebb	S	1	11:01	8.24	8.61	31.91	30.46	2.11	4	101	0.213	E
CR1	20200715	Cloudy	Moderate	Mid-Ebb	B	11.4	10:40	8.02	8.25	31.76	30.4	2.83	8	101	0.184	SE
CR1	20200715	Cloudy	Moderate	Mid-Ebb	B	11.4	10:40	7.9	8.52	31.71	30.37	3.21	8	101	0.172	SE
CR1	20200715	Cloudy	Moderate	Mid-Ebb	M	6.2	10:41	7.34	8.26	31.46	30.88	2.48	6	101	0.174	E
CR1	20200715	Cloudy	Moderate	Mid-Ebb	M	6.2	10:41	7.82	8.41	31.99	30.49	3.08	6	100	0.211	E
CR1	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:42	7.26	8.32	31.77	30.76	2.95	5	100	0.168	SE
CR1	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:42	7.55	8.28	31.56	30.5	2.65	6	102	0.206	SE
CR2	20200715	Cloudy	Moderate	Mid-Ebb	B	11.2	10:22	7.46	8.27	31.99	30.29	2.59	6	102	0.171	SE
CR2	20200715	Cloudy	Moderate	Mid-Ebb	B	11.2	10:22	7.71	8.6	31.54	30.52	2.8	5	101	0.195	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20200715	Cloudy	Moderate	Mid-Ebb	M	6.1	10:23	8.01	8.43	31.75	30.49	2.72	6	101	0.181	E
CR2	20200715	Cloudy	Moderate	Mid-Ebb	M	6.1	10:23	7.33	8.43	31.94	30.52	2.83	5	101	0.158	E
CR2	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:24	7.54	8.56	31.48	30.33	2.69	6	101	0.2	SE
CR2	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:24	7.58	8.43	31.79	30.49	2.77	6	102	0.153	E
F1A	20200715	Cloudy	Moderate	Mid-Ebb	B	7.6	11:09	7.51	8.47	31.47	30.66	3.04	8	102	0.201	SE
F1A	20200715	Cloudy	Moderate	Mid-Ebb	B	7.6	11:09	7.89	8.62	31.5	31.02	2.87	9	101	0.201	SE
F1A	20200715	Cloudy	Moderate	Mid-Ebb	M	4.3	11:10	7.92	8.54	31.59	30.87	2.25	7	101	0.181	SE
F1A	20200715	Cloudy	Moderate	Mid-Ebb	M	4.3	11:10	7.56	8.21	31.97	30.65	2.8	8	101	0.19	E
F1A	20200715	Cloudy	Moderate	Mid-Ebb	S	1	11:11	7.23	8.39	31.8	30.43	2.89	6	101	0.206	E
F1A	20200715	Cloudy	Moderate	Mid-Ebb	S	1	11:11	7.98	8.55	31.63	31.07	2.49	6	101	0.204	SE
H1	20200715	Cloudy	Moderate	Mid-Ebb	B	7.6	10:10	8.27	8.43	31.83	30.57	2.75	5	100	0.159	E
H1	20200715	Cloudy	Moderate	Mid-Ebb	B	7.6	10:10	7.49	8.29	31.99	30.33	3.35	5	100	0.196	SE
H1	20200715	Cloudy	Moderate	Mid-Ebb	M	4.3	10:11	7.55	8.47	31.65	30.56	2.93	7	100	0.182	SE
H1	20200715	Cloudy	Moderate	Mid-Ebb	M	4.3	10:11	8.25	8.58	31.77	30.31	3.07	6	100	0.211	SE
H1	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:12	8.08	8.61	31.97	30.6	2.37	6	101	0.172	E
H1	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:12	7.47	8.21	31.45	30.24	2.42	7	101	0.18	E
M1	20200715	Cloudy	Moderate	Mid-Ebb	B	7.9	11:27	7.39	8.27	31.68	31.15	2.48	6	101	0.196	SE
M1	20200715	Cloudy	Moderate	Mid-Ebb	B	7.9	11:27	7.95	8.56	31.79	30.76	2.47	7	104	0.157	SE
M1	20200715	Cloudy	Moderate	Mid-Ebb	M	4.45	11:28	8.07	8.36	31.81	30.72	2.53	7	100	0.209	E
M1	20200715	Cloudy	Moderate	Mid-Ebb	M	4.45	11:28	7.61	8.37	31.67	30.83	3.08	6	103	0.158	E
M1	20200715	Cloudy	Moderate	Mid-Ebb	S	1	11:29	7.57	8.35	31.66	30.56	3.08	4	101	0.187	SE
M1	20200715	Cloudy	Moderate	Mid-Ebb	S	1	11:29	7.91	8.41	31.92	30.71	2.63	5	101	0.154	SE
S1	20200715	Cloudy	Moderate	Mid-Ebb	B	4.2	10:23	7.3	8.37	31.73	30.66	2.79	6	101	0.163	SE
S1	20200715	Cloudy	Moderate	Mid-Ebb	B	4.2	10:23	7.95	8.48	31.81	30.35	3.24	7	101	0.175	SE
S1	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:24	7.21	8.61	31.56	30.66	1.91	5	102	0.165	E
S1	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:24	7.36	8.31	31.56	30.35	1.89	6	102	0.151	SE
S2A	20200715	Cloudy	Moderate	Mid-Ebb	B	8.5	9:57	8.18	8.58	31.59	30.15	2.84	7	102	0.198	E
S2A	20200715	Cloudy	Moderate	Mid-Ebb	B	8.5	9:57	8.12	8.37	31.54	30.29	3.51	6	101	0.215	E

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20200715	Cloudy	Moderate	Mid-Ebb	M	4.75	9:58	8.02	8.39	31.93	30.12	2.73	6	101	0.16	E
S2A	20200715	Cloudy	Moderate	Mid-Ebb	M	4.75	9:58	7.86	8.4	31.62	30.62	2.34	6	101	0.212	SE
S2A	20200715	Cloudy	Moderate	Mid-Ebb	S	1	9:59	7.37	8.51	31.66	30.2	2.8	5	101	0.173	SE
S2A	20200715	Cloudy	Moderate	Mid-Ebb	S	1	9:59	7.66	8.56	31.91	30.42	2.77	6	102	0.189	E
S3	20200715	Cloudy	Moderate	Mid-Ebb	B	10	10:29	7.4	8.53	31.69	30.58	2.49	4	101	0.186	E
S3	20200715	Cloudy	Moderate	Mid-Ebb	B	10	10:29	7.96	8.55	31.97	30.55	3.05	5	101	0.2	SE
S3	20200715	Cloudy	Moderate	Mid-Ebb	M	5.5	10:30	7.92	8.37	32.02	30.47	2.85	5	102	0.173	E
S3	20200715	Cloudy	Moderate	Mid-Ebb	M	5.5	10:30	8.26	8.55	31.9	30.37	2.45	4	102	0.197	E
S3	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:31	7.86	8.63	31.75	30.33	2.62	6	101	0.17	SE
S3	20200715	Cloudy	Moderate	Mid-Ebb	S	1	10:31	7.94	8.6	31.59	30.25	2.75	5	101	0.192	SE
B1	20200715	Cloudy	Moderate	Mid-Flood	B	4	13:29	7.7	8.35	31.48	31.12	2.52	5	104	0.231	W
B1	20200715	Cloudy	Moderate	Mid-Flood	B	4	13:29	7.93	8.58	31.48	31.5	3.09	5	103	0.215	W
B1	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:30	7.45	8.58	31.62	30.99	2.38	4	103	0.2	NW
B1	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:30	7.14	8.39	31.42	31.01	2.66	5	103	0.209	W
B2	20200715	Cloudy	Moderate	Mid-Flood	B	4	13:12	7.89	8.46	31.48	31.11	2.48	5	104	0.2	NW
B2	20200715	Cloudy	Moderate	Mid-Flood	B	4	13:12	7.06	8.59	31.47	31.05	2.53	4	103	0.242	W
B2	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:13	7.5	8.47	31.46	31.52	3.08	6	104	0.213	W
B2	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:13	7.99	8.28	31.62	31.23	2.47	5	104	0.246	W
B3	20200715	Cloudy	Moderate	Mid-Flood	B	3.8	13:55	7.61	8.31	31.41	31.1	2.67	5	103	0.203	NW
B3	20200715	Cloudy	Moderate	Mid-Flood	B	3.8	13:55	7.43	8.45	31.52	31.36	3.21	6	103	0.232	W
B3	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:56	7.72	8.39	31.46	30.99	2.64	7	104	0.19	NW
B3	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:56	7.9	8.44	31.85	31.22	2.6	6	104	0.181	W
B4	20200715	Cloudy	Moderate	Mid-Flood	B	4.3	14:03	7.15	8.5	31.3	31.13	2.55	5	103	0.238	W
B4	20200715	Cloudy	Moderate	Mid-Flood	B	4.3	14:03	7.99	8.48	31.33	31.29	3.15	5	103	0.18	NW
B4	20200715	Cloudy	Moderate	Mid-Flood	S	1	14:04	7.29	8.25	31.84	31.25	3.08	6	104	0.208	NW
B4	20200715	Cloudy	Moderate	Mid-Flood	S	1	14:04	7.62	8.43	31.78	31.16	2.94	6	104	0.211	W
C1A	20200715	Cloudy	Moderate	Mid-Flood	B	9.1	14:11	7.4	8.26	31.65	31.12	2.9	10	103	0.228	W
C1A	20200715	Cloudy	Moderate	Mid-Flood	B	9.1	14:11	8.11	8.32	31.31	31	2.97	11	103	0.212	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20200715	Cloudy	Moderate	Mid-Flood	M	5.05	14:12	7.1	8.55	31.61	31.21	2.52	10	104	0.211	W
C1A	20200715	Cloudy	Moderate	Mid-Flood	M	5.05	14:12	7.87	8.6	31.84	31.33	3.14	9	104	0.241	W
C1A	20200715	Cloudy	Moderate	Mid-Flood	S	1	14:13	7.2	8.44	31.48	31	2.34	8	104	0.185	W
C1A	20200715	Cloudy	Moderate	Mid-Flood	S	1	14:13	7.71	8.29	31.32	31.49	2.1	9	103	0.226	NW
C2A	20200715	Cloudy	Moderate	Mid-Flood	B	10.8	13:11	7.91	8.42	31.68	31.51	2.88	9	103	0.201	W
C2A	20200715	Cloudy	Moderate	Mid-Flood	B	10.8	13:11	7.16	8.3	31.78	31.03	3.24	8	103	0.187	W
C2A	20200715	Cloudy	Moderate	Mid-Flood	M	5.9	13:12	7.49	8.42	31.37	30.95	3.27	8	104	0.206	W
C2A	20200715	Cloudy	Moderate	Mid-Flood	M	5.9	13:12	7.6	8.52	31.8	30.94	3.16	9	103	0.234	W
C2A	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:13	8.03	8.5	31.9	31.29	2.97	7	103	0.235	W
C2A	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:13	8.15	8.43	31.37	31.48	2.63	8	104	0.21	W
CR1	20200715	Cloudy	Moderate	Mid-Flood	B	11.3	13:30	7.21	8.28	31.63	31.12	2.56	6	104	0.221	W
CR1	20200715	Cloudy	Moderate	Mid-Flood	B	11.3	13:30	7.62	8.34	31.36	31.39	3.05	6	104	0.189	W
CR1	20200715	Cloudy	Moderate	Mid-Flood	M	6.15	13:31	7.23	8.49	31.6	31.1	2.56	8	104	0.185	W
CR1	20200715	Cloudy	Moderate	Mid-Flood	M	6.15	13:31	8.06	8.46	31.43	31.14	2.78	8	104	0.226	W
CR1	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:32	7.56	8.27	31.66	31.19	2.34	9	103	0.248	W
CR1	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:32	7.2	8.59	31.66	31.12	2.48	9	103	0.176	NW
CR2	20200715	Cloudy	Moderate	Mid-Flood	B	10.8	13:47	8.14	8.39	31.82	30.99	2.53	10	103	0.242	NW
CR2	20200715	Cloudy	Moderate	Mid-Flood	B	10.8	13:47	7.22	8.26	31.86	31.24	2.91	10	103	0.219	W
CR2	20200715	Cloudy	Moderate	Mid-Flood	M	5.9	13:48	7.95	8.32	31.42	31.05	2.16	9	104	0.236	NW
CR2	20200715	Cloudy	Moderate	Mid-Flood	M	5.9	13:48	7.35	8.6	31.81	31.14	2.47	8	104	0.185	W
CR2	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:49	7.95	8.27	31.3	31.07	2.39	7	104	0.202	W
CR2	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:49	7.47	8.27	31.39	31.07	2.43	6	103	0.184	W
F1A	20200715	Cloudy	Moderate	Mid-Flood	B	7.6	14:20	7.78	8.57	31.43	31.5	2.89	10	102	0.246	NW
F1A	20200715	Cloudy	Moderate	Mid-Flood	B	7.6	14:20	7.13	8.25	31.45	31.05	3.48	11	104	0.18	W
F1A	20200715	Cloudy	Moderate	Mid-Flood	M	4.3	14:21	7.53	8.35	31.47	31.4	2.99	10	104	0.195	W
F1A	20200715	Cloudy	Moderate	Mid-Flood	M	4.3	14:21	7.95	8.41	31.87	31.13	3.08	9	104	0.188	NW
F1A	20200715	Cloudy	Moderate	Mid-Flood	S	1	14:22	7.33	8.38	31.31	31.23	2.49	8	104	0.213	W
F1A	20200715	Cloudy	Moderate	Mid-Flood	S	1	14:22	7.8	8.38	31.7	31.09	2.92	8	104	0.221	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200715	Cloudy	Moderate	Mid-Flood	B	7.5	14:33	7.99	8.55	31.64	31.17	3.48	8	103	0.246	W
H1	20200715	Cloudy	Moderate	Mid-Flood	B	7.5	14:33	8.18	8.3	31.71	31.45	3.61	7	103	0.176	W
H1	20200715	Cloudy	Moderate	Mid-Flood	M	4.25	14:34	7.14	8.54	31.36	31.34	3.27	5	104	0.248	W
H1	20200715	Cloudy	Moderate	Mid-Flood	M	4.25	14:34	7.96	8.28	31.75	31.28	3.16	6	103	0.232	W
H1	20200715	Cloudy	Moderate	Mid-Flood	S	1	14:35	7.99	8.5	31.71	31.11	2.35	5	104	0.186	W
H1	20200715	Cloudy	Moderate	Mid-Flood	S	1	14:35	7.63	8.32	31.62	31.34	2.44	5	104	0.193	NW
M1	20200715	Cloudy	Moderate	Mid-Flood	B	7.7	14:39	7.08	8.25	31.55	31.08	3.04	9	104	0.234	W
M1	20200715	Cloudy	Moderate	Mid-Flood	B	7.7	14:39	8.04	8.38	31.58	31.41	3.53	8	104	0.233	NW
M1	20200715	Cloudy	Moderate	Mid-Flood	M	4.35	14:40	7.49	8.38	31.52	31.48	2.84	7	103	0.226	W
M1	20200715	Cloudy	Moderate	Mid-Flood	M	4.35	14:40	7.92	8.5	31.31	31.16	2.3	8	104	0.238	W
M1	20200715	Cloudy	Moderate	Mid-Flood	S	1	14:41	7.52	8.37	31.87	30.99	2.21	7	104	0.181	W
M1	20200715	Cloudy	Moderate	Mid-Flood	S	1	14:41	7.48	8.5	31.54	31.31	2.55	6	104	0.202	W
S1	20200715	Cloudy	Moderate	Mid-Flood	B	4.3	13:21	7.23	8.45	31.79	31.09	2.59	9	103	0.217	W
S1	20200715	Cloudy	Moderate	Mid-Flood	B	4.3	13:21	7.71	8.34	31.48	31.12	2.54	8	104	0.195	W
S1	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:22	7.31	8.55	31.63	31.41	2.41	6	103	0.214	W
S1	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:22	7.82	8.47	31.62	31.17	3.01	6	104	0.214	W
S2A	20200715	Cloudy	Moderate	Mid-Flood	B	8.6	13:42	7.36	8.26	31.84	31.5	3.37	10	104	0.239	W
S2A	20200715	Cloudy	Moderate	Mid-Flood	B	8.6	13:42	7.72	8.43	31.35	31.06	2.84	10	103	0.247	W
S2A	20200715	Cloudy	Moderate	Mid-Flood	M	4.8	13:43	7.42	8.41	31.38	31.18	3.26	9	104	0.213	W
S2A	20200715	Cloudy	Moderate	Mid-Flood	M	4.8	13:43	7.68	8.46	31.82	30.99	2.87	10	103	0.2	W
S2A	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:44	7.48	8.58	31.84	31.36	3.1	8	103	0.244	W
S2A	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:44	7.44	8.41	31.86	31.51	3.12	9	103	0.207	W
S3	20200715	Cloudy	Moderate	Mid-Flood	B	9.3	13:54	8.16	8.47	31.72	30.98	3.53	10	104	0.187	W
S3	20200715	Cloudy	Moderate	Mid-Flood	B	9.3	13:54	8.03	8.33	31.43	30.98	3.48	9	104	0.185	W
S3	20200715	Cloudy	Moderate	Mid-Flood	M	5.15	13:55	7.08	8.28	31.67	30.99	2.79	9	103	0.201	W
S3	20200715	Cloudy	Moderate	Mid-Flood	M	5.15	13:55	8.17	8.51	31.34	31.27	3.23	10	103	0.181	NW
S3	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:56	7.18	8.54	31.47	31.33	2.63	7	104	0.24	W
S3	20200715	Cloudy	Moderate	Mid-Flood	S	1	13:56	7.66	8.41	31.69	31.23	2.74	8	104	0.178	NW

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B1	20200717	Sunny	Moderate	Mid-Ebb	B	3.9	11:06	6.98	8.51	32.2	29.63	3	2	102	0.13	E
B1	20200717	Sunny	Moderate	Mid-Ebb	B	3.9	11:06	7.26	8.27	32.15	29.69	2.98	2	101	0.155	E
B1	20200717	Sunny	Moderate	Mid-Ebb	S	1	11:07	7	8.16	32.38	29.61	2.46	2	102	0.187	SE
B1	20200717	Sunny	Moderate	Mid-Ebb	S	1	11:07	7.21	8.32	32.3	29.61	2.51	2	101	0.154	E
B2	20200717	Sunny	Moderate	Mid-Ebb	B	4.9	11:22	7.21	8.28	32.13	29.95	2.42	3	101	0.171	SE
B2	20200717	Sunny	Moderate	Mid-Ebb	B	4.9	11:22	6.99	8.47	32.39	29.84	2.72	3	102	0.191	SE
B2	20200717	Sunny	Moderate	Mid-Ebb	S	1	11:23	7.13	8.51	32.17	29.93	2.13	3	102	0.131	E
B2	20200717	Sunny	Moderate	Mid-Ebb	S	1	11:23	6.83	8.21	32.2	29.95	2.51	3	100	0.192	SE
B3	20200717	Sunny	Moderate	Mid-Ebb	B	3.6	10:38	6.83	8.26	32.39	29.82	2.89	3	102	0.195	E
B3	20200717	Sunny	Moderate	Mid-Ebb	B	3.6	10:38	6.8	8.25	32.41	29.86	2.47	4	101	0.164	E
B3	20200717	Sunny	Moderate	Mid-Ebb	S	1	10:39	6.8	8.41	32.38	29.86	2.1	<2	101	0.127	E
B3	20200717	Sunny	Moderate	Mid-Ebb	S	1	10:39	7.12	8.51	32.3	29.85	2.28	<2	101	0.133	SE
B4	20200717	Sunny	Moderate	Mid-Ebb	B	4.1	10:28	7.24	8.27	32.25	29.68	2.46	2	102	0.175	SE
B4	20200717	Sunny	Moderate	Mid-Ebb	B	4.1	10:28	6.93	8.32	32.14	29.56	3.03	3	103	0.147	SE
B4	20200717	Sunny	Moderate	Mid-Ebb	S	1	10:29	7.15	8.2	32.23	29.76	2.28	2	102	0.192	SE
B4	20200717	Sunny	Moderate	Mid-Ebb	S	1	10:29	7.17	8.21	32.25	29.63	1.98	3	101	0.193	SE
C1A	20200717	Sunny	Moderate	Mid-Ebb	B	9.9	8:30	7.17	8.38	32.28	29.27	2.65	2	103	0.187	SE
C1A	20200717	Sunny	Moderate	Mid-Ebb	B	9.9	8:30	6.73	8.43	32.25	29.35	2.68	2	102	0.136	E
C1A	20200717	Sunny	Moderate	Mid-Ebb	M	5.45	8:31	7.01	8.19	32.4	29.29	2.52	2	101	0.175	SE
C1A	20200717	Sunny	Moderate	Mid-Ebb	M	5.45	8:31	7.1	8.17	32.16	29.36	2.02	3	101	0.185	E
C1A	20200717	Sunny	Moderate	Mid-Ebb	S	1	8:32	6.79	8.44	32.28	29.27	2.57	2	103	0.15	SE
C1A	20200717	Sunny	Moderate	Mid-Ebb	S	1	8:32	6.99	8.29	32.35	29.24	2.16	3	103	0.197	E
C2A	20200717	Sunny	Moderate	Mid-Ebb	B	11.5	9:50	7.11	8.23	32.2	29.77	2.2	3	101	0.194	SE
C2A	20200717	Sunny	Moderate	Mid-Ebb	B	11.5	9:50	6.76	8.29	32.27	29.54	2.11	3	102	0.179	SE
C2A	20200717	Sunny	Moderate	Mid-Ebb	M	6.25	9:51	6.86	8.36	32.28	29.46	2.36	4	100	0.181	SE
C2A	20200717	Sunny	Moderate	Mid-Ebb	M	6.25	9:51	6.99	8.23	32.23	29.69	2.41	4	101	0.151	SE
C2A	20200717	Sunny	Moderate	Mid-Ebb	S	1	9:52	6.9	8.35	32.11	29.69	2.9	5	101	0.202	E
C2A	20200717	Sunny	Moderate	Mid-Ebb	S	1	9:52	6.88	8.2	32.33	29.47	2.53	4	101	0.199	SE

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20200717	Sunny	Moderate	Mid-Ebb	B	12.5	9:29	7.23	8.47	32.35	29.4	2.84	5	101	0.131	SE
CR1	20200717	Sunny	Moderate	Mid-Ebb	B	12.5	9:29	7.19	8.37	32.16	29.68	2.4	4	101	0.184	SE
CR1	20200717	Sunny	Moderate	Mid-Ebb	M	6.75	9:30	6.91	8.24	32.1	29.49	2.26	2	101	0.186	SE
CR1	20200717	Sunny	Moderate	Mid-Ebb	M	6.75	9:30	7.13	8.24	32.12	29.53	2.72	3	100	0.191	SE
CR1	20200717	Sunny	Moderate	Mid-Ebb	S	1	9:31	7.25	8.45	32.23	29.73	1.85	2	100	0.127	E
CR1	20200717	Sunny	Moderate	Mid-Ebb	S	1	9:31	6.76	8.31	32.23	29.42	2.35	3	101	0.151	E
CR2	20200717	Sunny	Moderate	Mid-Ebb	B	10.6	9:10	6.76	8.17	32.25	29.34	2.45	2	100	0.148	E
CR2	20200717	Sunny	Moderate	Mid-Ebb	B	10.6	9:10	6.97	8.35	32.38	29.49	2.15	2	101	0.123	SE
CR2	20200717	Sunny	Moderate	Mid-Ebb	M	5.8	9:11	6.94	8.46	32.17	29.54	2.43	2	100	0.123	SE
CR2	20200717	Sunny	Moderate	Mid-Ebb	M	5.8	9:11	6.98	8.34	32.34	29.4	2.5	2	101	0.173	SE
CR2	20200717	Sunny	Moderate	Mid-Ebb	S	1	9:12	7.26	8.28	32.21	29.33	2.11	3	101	0.134	SE
CR2	20200717	Sunny	Moderate	Mid-Ebb	S	1	9:12	6.82	8.32	32.42	29.41	2.56	4	101	0.157	E
F1A	20200717	Sunny	Moderate	Mid-Ebb	B	7.6	10:17	6.72	8.3	32.24	29.64	2.71	2	100	0.143	E
F1A	20200717	Sunny	Moderate	Mid-Ebb	B	7.6	10:17	7.17	8.22	32.18	29.69	2.43	3	100	0.154	SE
F1A	20200717	Sunny	Moderate	Mid-Ebb	M	4.3	10:18	6.76	8.23	32.23	29.47	2.63	3	101	0.141	SE
F1A	20200717	Sunny	Moderate	Mid-Ebb	M	4.3	10:18	7.15	8.17	32.12	29.63	2.55	2	100	0.139	SE
F1A	20200717	Sunny	Moderate	Mid-Ebb	S	1	10:19	7.15	8.38	32.26	29.74	1.54	4	101	0.194	SE
F1A	20200717	Sunny	Moderate	Mid-Ebb	S	1	10:19	6.87	8.4	32.32	29.67	1.66	4	100	0.18	SE
H1	20200717	Sunny	Moderate	Mid-Ebb	B	7.1	8:53	6.83	8.18	32.33	29.22	2.25	4	101	0.183	SE
H1	20200717	Sunny	Moderate	Mid-Ebb	B	7.1	8:53	6.94	8.44	32.32	29.27	2.62	5	101	0.16	SE
H1	20200717	Sunny	Moderate	Mid-Ebb	M	4.05	8:54	6.95	8.39	32.33	29.53	2.16	2	101	0.163	SE
H1	20200717	Sunny	Moderate	Mid-Ebb	M	4.05	8:54	7	8.44	32.39	29.56	2.64	3	101	0.153	E
H1	20200717	Sunny	Moderate	Mid-Ebb	S	1	8:55	7.05	8.23	32.25	29.3	1.8	2	103	0.179	SE
H1	20200717	Sunny	Moderate	Mid-Ebb	S	1	8:55	6.77	8.28	32.21	29.57	1.93	2	101	0.155	SE
M1	20200717	Sunny	Moderate	Mid-Ebb	B	7.9	9:44	7.07	8.41	32.32	29.46	2.92	3	102	0.178	E
M1	20200717	Sunny	Moderate	Mid-Ebb	B	7.9	9:44	7.19	8.3	32.31	29.46	3.05	3	101	0.15	E
M1	20200717	Sunny	Moderate	Mid-Ebb	M	4.45	9:45	7.21	8.35	32.35	29.46	1.84	4	100	0.146	SE
M1	20200717	Sunny	Moderate	Mid-Ebb	M	4.45	9:45	6.95	8.42	32.4	29.53	2.27	3	100	0.202	E

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20200717	Sunny	Moderate	Mid-Ebb	S	1	9:46	6.78	8.17	32.25	29.48	2.31	4	100	0.153	SE
M1	20200717	Sunny	Moderate	Mid-Ebb	S	1	9:46	6.97	8.27	32.11	29.44	2.21	5	101	0.167	SE
S1	20200717	Sunny	Moderate	Mid-Ebb	B	3.8	11:14	6.83	8.2	32.35	29.92	2.61	4	101	0.185	SE
S1	20200717	Sunny	Moderate	Mid-Ebb	B	3.8	11:14	6.86	8.3	32.36	29.91	2.19	4	101	0.133	E
S1	20200717	Sunny	Moderate	Mid-Ebb	S	1	11:15	6.94	8.26	32.25	29.89	2.12	2	100	0.125	E
S1	20200717	Sunny	Moderate	Mid-Ebb	S	1	11:15	7.18	8.25	32.13	29.75	1.9	2	100	0.147	SE
S2A	20200717	Sunny	Moderate	Mid-Ebb	B	8.3	10:53	6.76	8.44	32.16	29.72	2.73	2	101	0.183	SE
S2A	20200717	Sunny	Moderate	Mid-Ebb	B	8.3	10:53	6.84	8.16	32.31	29.65	2.33	2	102	0.127	E
S2A	20200717	Sunny	Moderate	Mid-Ebb	M	4.65	10:54	7.02	8.49	32.31	29.64	2.45	2	101	0.187	SE
S2A	20200717	Sunny	Moderate	Mid-Ebb	M	4.65	10:54	6.75	8.31	32.3	29.76	2.14	2	101	0.163	SE
S2A	20200717	Sunny	Moderate	Mid-Ebb	S	1	10:55	7.29	8.3	32.43	29.86	2.58	3	101	0.147	SE
S2A	20200717	Sunny	Moderate	Mid-Ebb	S	1	10:55	6.88	8.27	32.29	29.61	2.33	3	100	0.144	SE
S3	20200717	Sunny	Moderate	Mid-Ebb	B	8.9	9:19	7.09	8.46	32.15	29.32	3.09	2	101	0.129	SE
S3	20200717	Sunny	Moderate	Mid-Ebb	B	8.9	9:19	6.72	8.25	32.25	29.45	2.93	2	101	0.198	E
S3	20200717	Sunny	Moderate	Mid-Ebb	M	4.95	9:20	6.94	8.24	32.34	29.36	2.25	2	101	0.182	SE
S3	20200717	Sunny	Moderate	Mid-Ebb	M	4.95	9:20	6.72	8.51	32.16	29.34	2.67	2	102	0.189	SE
S3	20200717	Sunny	Moderate	Mid-Ebb	S	1	9:21	7	8.53	32.24	29.67	1.61	3	101	0.202	SE
S3	20200717	Sunny	Moderate	Mid-Ebb	S	1	9:21	6.77	8.53	32.18	29.53	1.92	3	101	0.189	E
B1	20200717	Sunny	Moderate	Mid-Flood	B	4.6	15:43	6.71	8.23	32.45	30.59	2.95	2	98	0.197	NW
B1	20200717	Sunny	Moderate	Mid-Flood	B	4.6	15:43	7.13	8.57	32.34	30.35	3.13	3	97	0.146	NW
B1	20200717	Sunny	Moderate	Mid-Flood	S	1	15:44	6.79	8.32	32.39	30.54	2.49	2	98	0.169	W
B1	20200717	Sunny	Moderate	Mid-Flood	S	1	15:44	6.71	8.48	32.17	30.65	2.65	2	97	0.129	W
B2	20200717	Sunny	Moderate	Mid-Flood	B	3.9	15:28	7.33	8.57	32.38	30.58	2.67	2	96	0.137	W
B2	20200717	Sunny	Moderate	Mid-Flood	B	3.9	15:28	6.72	8.29	32.34	30.55	3.02	3	97	0.197	W
B2	20200717	Sunny	Moderate	Mid-Flood	S	1	15:29	7.07	8.25	32.27	30.46	2.6	2	96	0.173	W
B2	20200717	Sunny	Moderate	Mid-Flood	S	1	15:29	6.57	8.3	32.36	30.42	2.41	2	97	0.188	NW
B3	20200717	Sunny	Moderate	Mid-Flood	B	3.6	16:09	6.98	8.36	32.39	30.51	2.91	4	97	0.161	NW
B3	20200717	Sunny	Moderate	Mid-Flood	B	3.6	16:09	7.04	8.44	32.21	30.4	2.52	3	97	0.135	W

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B3	20200717	Sunny	Moderate	Mid-Flood	S	1	16:10	7.02	8.46	32.47	30.56	2.05	2	96	0.211	W
B3	20200717	Sunny	Moderate	Mid-Flood	S	1	16:10	7.19	8.25	32.17	30.66	2.4	3	97	0.124	W
B4	20200717	Sunny	Moderate	Mid-Flood	B	4.3	16:17	7.32	8.42	32.22	30.55	3.04	3	96	0.159	W
B4	20200717	Sunny	Moderate	Mid-Flood	B	4.3	16:17	6.89	8.41	32.36	30.22	2.65	2	97	0.2	NW
B4	20200717	Sunny	Moderate	Mid-Flood	S	1	16:18	6.57	8.27	32.28	30.53	2.08	3	96	0.18	W
B4	20200717	Sunny	Moderate	Mid-Flood	S	1	16:18	7.24	8.32	32.41	30.64	1.94	2	97	0.138	W
C1A	20200717	Sunny	Moderate	Mid-Flood	B	9.4	16:26	6.68	8.45	32.42	30.24	2.16	4	98	0.129	W
C1A	20200717	Sunny	Moderate	Mid-Flood	B	9.4	16:26	6.54	8.22	32.45	30.39	2.26	4	97	0.14	NW
C1A	20200717	Sunny	Moderate	Mid-Flood	M	5.2	16:27	6.56	8.42	32.46	30.57	1.78	3	98	0.173	W
C1A	20200717	Sunny	Moderate	Mid-Flood	M	5.2	16:27	6.91	8.33	32.32	30.47	2.19	3	97	0.159	W
C1A	20200717	Sunny	Moderate	Mid-Flood	S	1	16:28	7.23	8.52	32.35	30.6	1.54	3	96	0.124	W
C1A	20200717	Sunny	Moderate	Mid-Flood	S	1	16:28	7.01	8.26	32.27	30.55	2.64	3	96	0.184	W
C2A	20200717	Sunny	Moderate	Mid-Flood	B	10.6	15:27	7.41	8.35	32.28	30.49	2.77	2	97	0.151	W
C2A	20200717	Sunny	Moderate	Mid-Flood	B	10.6	15:27	6.58	8.48	32.27	30.4	3.06	3	97	0.177	W
C2A	20200717	Sunny	Moderate	Mid-Flood	M	5.8	15:28	7.08	8.47	32.31	30.66	2.72	2	97	0.133	W
C2A	20200717	Sunny	Moderate	Mid-Flood	M	5.8	15:28	6.84	8.39	32.27	30.76	2.42	3	97	0.164	W
C2A	20200717	Sunny	Moderate	Mid-Flood	S	1	15:29	7.16	8.4	32.4	30.53	2.42	3	97	0.121	W
C2A	20200717	Sunny	Moderate	Mid-Flood	S	1	15:29	6.73	8.34	32.43	30.77	2.18	2	98	0.204	W
CR1	20200717	Sunny	Moderate	Mid-Flood	B	11.8	15:49	6.51	8.53	32.39	30.47	2.85	2	97	0.185	W
CR1	20200717	Sunny	Moderate	Mid-Flood	B	11.8	15:49	6.6	8.29	32.41	30.48	2.54	3	98	0.196	W
CR1	20200717	Sunny	Moderate	Mid-Flood	M	6.4	15:50	7.33	8.51	32.46	30.32	2.62	4	98	0.183	W
CR1	20200717	Sunny	Moderate	Mid-Flood	M	6.4	15:50	7.3	8.2	32.36	30.38	2.24	3	98	0.163	W
CR1	20200717	Sunny	Moderate	Mid-Flood	S	1	15:51	7.35	8.49	32.19	30.66	1.88	4	97	0.144	NW
CR1	20200717	Sunny	Moderate	Mid-Flood	S	1	15:51	6.65	8.32	32.25	30.46	2.12	3	98	0.174	W
CR2	20200717	Sunny	Moderate	Mid-Flood	B	10.4	16:03	7.22	8.4	32.38	30.57	2.28	3	97	0.196	W
CR2	20200717	Sunny	Moderate	Mid-Flood	B	10.4	16:03	6.59	8.32	32.22	30.64	2.52	3	97	0.121	W
CR2	20200717	Sunny	Moderate	Mid-Flood	M	5.7	16:04	6.75	8.4	32.46	30.36	2.51	2	98	0.161	W
CR2	20200717	Sunny	Moderate	Mid-Flood	M	5.7	16:04	7.33	8.23	32.41	30.36	2.48	3	100	0.125	NW

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 note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20200717	Sunny	Moderate	Mid-Flood	S	1	16:05	7.03	8.42	32.16	30.52	2.3	2	98	0.145	W
CR2	20200717	Sunny	Moderate	Mid-Flood	S	1	16:05	7.2	8.36	32.29	30.6	1.92	3	96	0.165	W
F1A	20200717	Sunny	Moderate	Mid-Flood	B	7.4	16:35	7.04	8.32	32.3	30.56	2.12	4	97	0.196	W
F1A	20200717	Sunny	Moderate	Mid-Flood	B	7.4	16:35	6.6	8.4	32.41	30.46	2.38	5	98	0.138	W
F1A	20200717	Sunny	Moderate	Mid-Flood	M	4.2	16:36	7.36	8.52	32.39	30.55	1.96	3	97	0.152	W
F1A	20200717	Sunny	Moderate	Mid-Flood	M	4.2	16:36	7.3	8.29	32.18	30.4	2.14	4	96	0.188	W
F1A	20200717	Sunny	Moderate	Mid-Flood	S	1	16:37	7.3	8.22	32.36	30.3	1.82	4	97	0.204	W
F1A	20200717	Sunny	Moderate	Mid-Flood	S	1	16:37	6.99	8.26	32.37	30.55	2.23	3	97	0.171	W
H1	20200717	Sunny	Moderate	Mid-Flood	B	7.3	16:50	7.38	8.5	32.35	30.56	2.57	2	96	0.212	W
H1	20200717	Sunny	Moderate	Mid-Flood	B	7.3	16:50	7.11	8.37	32.34	30.7	3.03	2	97	0.17	NW
H1	20200717	Sunny	Moderate	Mid-Flood	M	4.15	16:51	7.05	8.34	32.22	30.68	2.1	2	96	0.141	W
H1	20200717	Sunny	Moderate	Mid-Flood	M	4.15	16:51	6.65	8.41	32.26	30.62	2	2	97	0.201	W
H1	20200717	Sunny	Moderate	Mid-Flood	S	1	16:52	6.82	8.21	32.3	30.26	2.45	4	96	0.212	W
H1	20200717	Sunny	Moderate	Mid-Flood	S	1	16:52	7.33	8.5	32.39	30.71	2.4	4	96	0.169	W
M1	20200717	Sunny	Moderate	Mid-Flood	B	7.2	16:55	7.14	8.36	32.44	30.63	2.22	3	97	0.142	NW
M1	20200717	Sunny	Moderate	Mid-Flood	B	7.2	16:55	6.8	8.56	32.45	30.46	2.37	4	96	0.172	W
M1	20200717	Sunny	Moderate	Mid-Flood	M	4.1	16:56	6.9	8.38	32.43	30.66	2.65	3	97	0.162	W
M1	20200717	Sunny	Moderate	Mid-Flood	M	4.1	16:56	7.11	8.57	32.46	30.41	2.23	4	98	0.158	W
M1	20200717	Sunny	Moderate	Mid-Flood	S	1	16:57	6.96	8.33	32.41	30.49	2.89	3	98	0.136	W
M1	20200717	Sunny	Moderate	Mid-Flood	S	1	16:57	7.03	8.24	32.3	30.29	2.47	3	99	0.199	NW
S1	20200717	Sunny	Moderate	Mid-Flood	B	4.5	15:35	6.73	8.57	32.33	30.45	3.09	2	97	0.144	NW
S1	20200717	Sunny	Moderate	Mid-Flood	B	4.5	15:35	6.86	8.53	32.3	30.58	2.79	3	97	0.124	W
S1	20200717	Sunny	Moderate	Mid-Flood	S	1	15:36	6.89	8.29	32.23	30.72	2.61	2	97	0.159	W
S1	20200717	Sunny	Moderate	Mid-Flood	S	1	15:36	6.71	8.25	32.2	30.74	2.54	3	97	0.197	W
S2A	20200717	Sunny	Moderate	Mid-Flood	B	8.7	15:56	6.64	8.33	32.47	30.58	3.04	3	97	0.136	W
S2A	20200717	Sunny	Moderate	Mid-Flood	B	8.7	15:56	6.56	8.46	32.21	30.29	2.33	4	98	0.164	W
S2A	20200717	Sunny	Moderate	Mid-Flood	M	4.85	15:57	6.94	8.23	32.19	30.41	2.28	3	96	0.129	W
S2A	20200717	Sunny	Moderate	Mid-Flood	M	4.85	15:57	6.93	8.59	32.38	30.64	2.2	3	97	0.21	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20200717	Sunny	Moderate	Mid-Flood	S	1	15:58	6.61	8.36	32.16	30.63	2.21	3	97	0.125	NW
S2A	20200717	Sunny	Moderate	Mid-Flood	S	1	15:58	6.66	8.46	32.46	30.58	1.87	3	96	0.209	W
S3	20200717	Sunny	Moderate	Mid-Flood	B	8.1	16:10	7.1	8.57	32.31	30.37	2.43	2	98	0.21	W
S3	20200717	Sunny	Moderate	Mid-Flood	B	8.1	16:10	6.56	8.25	32.22	30.35	3.01	2	99	0.205	W
S3	20200717	Sunny	Moderate	Mid-Flood	M	4.55	16:11	7.08	8.46	32.46	30.5	1.88	2	97	0.134	W
S3	20200717	Sunny	Moderate	Mid-Flood	M	4.55	16:11	7.25	8.4	32.18	30.53	2.11	3	98	0.161	W
S3	20200717	Sunny	Moderate	Mid-Flood	S	1	16:12	7.22	8.24	32.28	30.63	2.64	4	97	0.13	W
S3	20200717	Sunny	Moderate	Mid-Flood	S	1	16:12	7.05	8.21	32.36	30.4	2.28	3	97	0.156	W
B1	20200720	Cloudy	Moderate	Mid-Ebb	B	4.2	11:21	6.37	8.52	32.23	31.06	2.93	5	103	0.147	SE
B1	20200720	Cloudy	Moderate	Mid-Ebb	B	4.2	11:21	6.95	8.25	31.84	31.58	3.45	6	103	0.141	E
B1	20200720	Cloudy	Moderate	Mid-Ebb	S	1	11:22	6.73	8.21	32.04	31.54	2.27	3	102	0.15	SE
B1	20200720	Cloudy	Moderate	Mid-Ebb	S	1	11:22	6.78	8.51	31.94	31.05	2.78	4	103	0.119	E
B2	20200720	Cloudy	Moderate	Mid-Ebb	B	4.9	11:45	6.62	8.29	31.96	31.35	2.99	4	102	0.193	E
B2	20200720	Cloudy	Moderate	Mid-Ebb	B	4.9	11:45	6.26	8.29	32.23	31.53	3.56	4	103	0.133	E
B2	20200720	Cloudy	Moderate	Mid-Ebb	S	1	11:46	6.88	8.52	32.18	31.51	1.95	5	102	0.2	SE
B2	20200720	Cloudy	Moderate	Mid-Ebb	S	1	11:46	6.92	8.29	32.28	31.43	2.84	5	102	0.122	E
B3	20200720	Cloudy	Moderate	Mid-Ebb	B	3.5	12:03	6.25	8.36	32	31.37	2.87	5	101	0.185	SE
B3	20200720	Cloudy	Moderate	Mid-Ebb	B	3.5	12:03	6.28	8.24	32.32	31.44	2.85	4	102	0.162	E
B3	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:04	6.85	8.64	32.03	31.38	2.47	3	101	0.187	SE
B3	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:04	6.37	8.17	31.86	31.68	2.91	4	101	0.198	SE
B4	20200720	Cloudy	Moderate	Mid-Ebb	B	3.3	11:55	6.13	8.35	31.84	31.65	2.86	5	101	0.121	SE
B4	20200720	Cloudy	Moderate	Mid-Ebb	B	3.3	11:55	6.93	8.34	32.13	31.54	3.36	4	101	0.152	E
B4	20200720	Cloudy	Moderate	Mid-Ebb	S	1	11:56	7.07	8.36	31.95	31.71	2.99	6	101	0.137	SE
B4	20200720	Cloudy	Moderate	Mid-Ebb	S	1	11:56	6.67	8.58	31.93	31.27	2.46	5	102	0.115	SE
C1A	20200720	Cloudy	Moderate	Mid-Ebb	M	5.05	10:49	7.98	8.17	31.96	31.43	2.8	4	102	0.188	SE
C1A	20200720	Cloudy	Moderate	Mid-Ebb	M	5.05	10:49	7.64	8.51	31.89	31.46	3.18	5	101	0.157	SE
C1A	20200720	Cloudy	Moderate	Mid-Ebb	B	9.1	10:48	6.43	8.52	31.93	31.3	3.07	6	102	0.187	E
C1A	20200720	Cloudy	Moderate	Mid-Ebb	B	9.1	10:48	6.35	8.34	31.85	31.54	3.34	5	101	0.181	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20200720	Cloudy	Moderate	Mid-Ebb	S	1	10:50	6.4	8.34	32.04	31.05	2.22	7	101	0.125	E
C1A	20200720	Cloudy	Moderate	Mid-Ebb	S	1	10:50	6.68	8.39	32.21	31.28	2.77	6	102	0.116	SE
C2A	20200720	Cloudy	Moderate	Mid-Ebb	B	11.2	12:30	6.61	8.16	31.88	31.62	2.67	4	102	0.199	SE
C2A	20200720	Cloudy	Moderate	Mid-Ebb	B	11.2	12:30	6.56	8.61	32.01	31.77	2.89	4	102	0.214	E
C2A	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:32	6.17	8.39	31.93	31.57	2.18	5	103	0.14	SE
C2A	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:32	7.13	8.43	31.9	31.75	2.38	4	102	0.13	SE
C2A	20200720	Cloudy	Moderate	Mid-Ebb	M	6.1	12:31	8.02	8.42	32.02	31.73	2.31	4	103	0.159	SE
C2A	20200720	Cloudy	Moderate	Mid-Ebb	M	6.1	12:31	8.05	8.42	31.77	31.85	2.85	2	101	0.116	SE
CR1	20200720	Cloudy	Moderate	Mid-Ebb	B	11.5	12:49	6.47	8.62	32.31	31.66	3.36	4	102	0.179	SE
CR1	20200720	Cloudy	Moderate	Mid-Ebb	B	11.5	12:49	6.98	8.59	32.02	31.77	2.86	4	102	0.165	SE
CR1	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:51	6.89	8.58	32.09	31.78	2.24	5	102	0.181	SE
CR1	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:51	6.56	8.54	32.3	31.8	2.7	4	100	0.204	SE
CR1	20200720	Cloudy	Moderate	Mid-Ebb	M	6.25	12:50	7.57	8.24	31.97	31.67	3.09	6	102	0.121	E
CR1	20200720	Cloudy	Moderate	Mid-Ebb	M	6.25	12:50	7.43	8.55	31.64	31.74	2.99	5	102	0.115	E
CR2	20200720	Cloudy	Moderate	Mid-Ebb	B	10.1	12:27	6.36	8.27	31.88	31.76	2.98	5	100	0.141	E
CR2	20200720	Cloudy	Moderate	Mid-Ebb	B	10.1	12:27	6.59	8.39	31.91	31.41	2.64	6	102	0.14	SE
CR2	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:29	6.22	8.62	32.28	31.59	2.18	5	102	0.206	SE
CR2	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:29	6.92	8.37	32.01	31.81	1.91	4	103	0.181	SE
CR2	20200720	Cloudy	Moderate	Mid-Ebb	M	5.55	12:28	7.87	8.43	31.73	31.49	3.13	4	102	0.115	SE
CR2	20200720	Cloudy	Moderate	Mid-Ebb	M	5.55	12:28	7.45	8.46	31.76	31.8	3.1	4	102	0.165	E
F1A	20200720	Cloudy	Moderate	Mid-Ebb	M	4.05	11:33	7.49	8.36	31.97	31.68	3	4	102	0.13	SE
F1A	20200720	Cloudy	Moderate	Mid-Ebb	M	4.05	11:33	7.91	8.5	32.05	31.29	2.4	5	102	0.183	E
F1A	20200720	Cloudy	Moderate	Mid-Ebb	B	7.1	11:32	6.77	8.17	32.12	31.3	2.71	5	103	0.215	SE
F1A	20200720	Cloudy	Moderate	Mid-Ebb	B	7.1	11:32	6.19	8.35	31.95	31.69	2.77	5	101	0.166	SE
F1A	20200720	Cloudy	Moderate	Mid-Ebb	S	1	11:34	6.99	8.61	31.95	31.67	2.48	5	102	0.139	SE
F1A	20200720	Cloudy	Moderate	Mid-Ebb	S	1	11:34	7.1	8.23	32.14	31.48	2.24	6	102	0.216	SE
H1	20200720	Cloudy	Moderate	Mid-Ebb	B	7.2	12:13	6.83	8.22	31.85	31.33	2.59	6	101	0.2	E
H1	20200720	Cloudy	Moderate	Mid-Ebb	B	7.2	12:13	7.03	8.6	31.81	31.34	2.91	5	101	0.13	E

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 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200720	Cloudy	Moderate	Mid-Ebb	M	4.1	12:14	7.58	8.43	32.02	31.74	2.3	5	102	0.196	SE
H1	20200720	Cloudy	Moderate	Mid-Ebb	M	4.1	12:14	7.42	8.43	32.05	31.5	2.3	6	101	0.147	E
H1	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:15	7	8.59	32.18	31.35	2.44	4	102	0.115	E
H1	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:15	6.92	8.45	32.27	31.75	1.98	3	103	0.123	SE
M1	20200720	Cloudy	Moderate	Mid-Ebb	M	4.8	11:10	7.5	8.28	31.6	31.15	2.44	4	102	0.144	E
M1	20200720	Cloudy	Moderate	Mid-Ebb	M	4.8	11:10	7.64	8.17	31.55	31.35	2.41	3	102	0.125	SE
M1	20200720	Cloudy	Moderate	Mid-Ebb	B	8.6	11:09	6.22	8.25	32.23	31.53	2.59	5	102	0.171	E
M1	20200720	Cloudy	Moderate	Mid-Ebb	B	8.6	11:09	6.92	8.62	31.87	31.18	2.82	5	102	0.144	E
M1	20200720	Cloudy	Moderate	Mid-Ebb	S	1	11:11	6.92	8.39	31.99	31.33	2.12	6	101	0.156	SE
M1	20200720	Cloudy	Moderate	Mid-Ebb	S	1	11:11	6.33	8.17	32.26	31.11	2.49	5	101	0.215	E
S1	20200720	Cloudy	Moderate	Mid-Ebb	B	4.5	11:36	6.07	8.42	32.22	31.78	2.96	4	102	0.146	SE
S1	20200720	Cloudy	Moderate	Mid-Ebb	B	4.5	11:36	6.87	8.37	32.21	31.31	2.87	5	101	0.18	E
S1	20200720	Cloudy	Moderate	Mid-Ebb	S	1	11:37	6.69	8.4	32.26	31.32	3	3	101	0.116	SE
S1	20200720	Cloudy	Moderate	Mid-Ebb	S	1	11:37	6.5	8.4	31.98	31.51	2.58	3	102	0.122	E
S2A	20200720	Cloudy	Moderate	Mid-Ebb	M	4.75	12:06	7.78	8.46	31.53	31.25	3.07	4	102	0.191	E
S2A	20200720	Cloudy	Moderate	Mid-Ebb	M	4.75	12:06	7.66	8.43	31.66	31.63	3.01	5	102	0.146	SE
S2A	20200720	Cloudy	Moderate	Mid-Ebb	B	8.5	12:05	6.44	8.45	32.27	31.51	3.52	4	102	0.114	E
S2A	20200720	Cloudy	Moderate	Mid-Ebb	B	8.5	12:05	6.38	8.38	31.98	31.72	3.14	4	100	0.113	E
S2A	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:07	6.83	8.34	32.04	31.34	2.46	3	101	0.205	E
S2A	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:07	6.19	8.23	32.2	31.56	2	2	103	0.111	SE
S3	20200720	Cloudy	Moderate	Mid-Ebb	M	5.4	12:38	7.52	8.58	31.67	31.83	2.45	4	102	0.184	E
S3	20200720	Cloudy	Moderate	Mid-Ebb	M	5.4	12:38	7.55	8.62	31.95	31.56	2.63	5	101	0.169	E
S3	20200720	Cloudy	Moderate	Mid-Ebb	B	9.8	12:37	6.87	8.45	31.89	31.45	3.02	5	102	0.141	E
S3	20200720	Cloudy	Moderate	Mid-Ebb	B	9.8	12:37	6.64	8.18	32.25	31.47	3.51	4	102	0.221	SE
S3	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:39	6.19	8.49	31.98	31.63	2.93	6	101	0.221	SE
S3	20200720	Cloudy	Moderate	Mid-Ebb	S	1	12:39	6.71	8.42	31.77	31.67	3.05	5	102	0.127	SE
B1	20200720	Cloudy	Moderate	Mid-Flood	B	3.9	17:11	6.7	8.21	32.06	30.7	2.92	3	100	0.154	W
B1	20200720	Cloudy	Moderate	Mid-Flood	B	3.9	17:11	7.24	8.37	31.91	30.8	3.61	4	101	0.136	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B1	20200720	Cloudy	Moderate	Mid-Flood	S	1	17:12	7.28	8.39	32.11	30.91	2.98	2	101	0.156	W
B1	20200720	Cloudy	Moderate	Mid-Flood	S	1	17:12	6.3	8.28	32.07	30.94	2.68	2	99	0.156	W
B2	20200720	Cloudy	Moderate	Mid-Flood	B	3.8	17:37	6.77	8.24	32.02	30.57	3.55	4	99	0.176	W
B2	20200720	Cloudy	Moderate	Mid-Flood	B	3.8	17:37	7.19	8.53	32.31	30.8	3.08	3	99	0.199	W
B2	20200720	Cloudy	Moderate	Mid-Flood	S	1	17:38	6.54	8.18	32.06	30.46	2.03	2	100	0.144	W
B2	20200720	Cloudy	Moderate	Mid-Flood	S	1	17:38	6.25	8.58	32.11	30.5	2.25	2	100	0.176	W
B3	20200720	Cloudy	Moderate	Mid-Flood	B	3.3	16:23	6.89	8.18	32.44	31.37	3.18	5	100	0.19	W
B3	20200720	Cloudy	Moderate	Mid-Flood	B	3.3	16:23	7.09	8.34	32.05	31.24	2.7	4	100	0.144	W
B3	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:24	6.45	8.51	32.26	31.37	2.99	2	100	0.189	W
B3	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:24	6.7	8.23	32.27	31.09	3.1	3	99	0.198	W
B4	20200720	Cloudy	Moderate	Mid-Flood	B	3.7	16:30	6.54	8.54	32.27	30.92	3.29	4	100	0.17	NW
B4	20200720	Cloudy	Moderate	Mid-Flood	B	3.7	16:30	6.43	8.18	32.07	31	3.41	5	99	0.181	W
B4	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:31	6.62	8.31	32.2	30.96	2.77	4	100	0.167	NW
B4	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:31	6.21	8.57	32.37	31.03	2.06	5	100	0.167	W
C1A	20200720	Cloudy	Moderate	Mid-Flood	B	9.7	16:41	7.26	8.43	32.32	31.1	3.13	5	101	0.145	NW
C1A	20200720	Cloudy	Moderate	Mid-Flood	B	9.7	16:41	6.6	8.33	32.36	31.01	3.64	5	99	0.152	W
C1A	20200720	Cloudy	Moderate	Mid-Flood	M	5.35	16:42	6.86	8.59	32.1	31.22	2.77	3	100	0.14	W
C1A	20200720	Cloudy	Moderate	Mid-Flood	M	5.35	16:42	7.22	8.58	32.04	31.11	3.29	4	100	0.192	W
C1A	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:43	7.22	8.36	32.04	30.98	2.86	4	99	0.148	NW
C1A	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:43	6.31	8.46	32.11	31.1	2.99	3	100	0.151	W
C2A	20200720	Cloudy	Moderate	Mid-Flood	B	10.5	16:00	6.41	8.27	32.28	31.23	3.42	7	99	0.163	W
C2A	20200720	Cloudy	Moderate	Mid-Flood	B	10.5	16:00	6.76	8.34	32.31	31.3	3.06	7	99	0.139	W
C2A	20200720	Cloudy	Moderate	Mid-Flood	M	5.75	16:01	6.37	8.55	32.25	31.24	3.29	6	99	0.201	W
C2A	20200720	Cloudy	Moderate	Mid-Flood	M	5.75	16:01	7.05	8.24	32.26	31.26	2.78	5	99	0.146	W
C2A	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:02	6.39	8.37	31.89	31.11	2.12	4	99	0.201	W
C2A	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:02	6.95	8.2	32.41	31.16	1.98	4	95	0.17	W
CR1	20200720	Cloudy	Moderate	Mid-Flood	B	11	16:00	6.67	8.24	31.95	31.28	3.27	3	101	0.134	W
CR1	20200720	Cloudy	Moderate	Mid-Flood	B	11	16:00	7.3	8.36	31.92	31.16	3.08	4	99	0.199	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20200720	Cloudy	Moderate	Mid-Flood	M	6	16:01	6.69	8.28	31.91	31.42	2.8	5	99	0.159	NW
CR1	20200720	Cloudy	Moderate	Mid-Flood	M	6	16:01	6.95	8.2	32.45	31.18	2.85	4	99	0.169	W
CR1	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:02	7.16	8.21	32.29	31.28	3.12	6	100	0.18	W
CR1	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:02	6.58	8.3	32.27	31.36	2.8	6	100	0.179	W
CR2	20200720	Cloudy	Moderate	Mid-Flood	B	9.7	16:15	7.17	8.26	32.14	31.07	2.94	4	99	0.17	W
CR2	20200720	Cloudy	Moderate	Mid-Flood	B	9.7	16:15	7.03	8.17	32.41	31.33	3.41	5	99	0.201	W
CR2	20200720	Cloudy	Moderate	Mid-Flood	M	5.35	16:16	6.4	8.42	32.17	31.17	2.5	6	99	0.192	W
CR2	20200720	Cloudy	Moderate	Mid-Flood	M	5.35	16:16	7.09	8.33	32.23	31.08	2.27	4	99	0.188	W
CR2	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:17	6.22	8.43	31.92	31.3	2.19	6	100	0.197	NW
CR2	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:17	6.44	8.58	32.37	31.27	2.27	6	101	0.167	W
F1A	20200720	Cloudy	Moderate	Mid-Flood	B	6.8	16:50	6.8	8.52	32.02	30.89	2.64	4	100	0.143	W
F1A	20200720	Cloudy	Moderate	Mid-Flood	B	6.8	16:50	6.32	8.27	32.38	30.81	2.71	4	99	0.188	W
F1A	20200720	Cloudy	Moderate	Mid-Flood	M	3.9	16:51	6.66	8.35	32.02	30.82	2.78	6	100	0.186	W
F1A	20200720	Cloudy	Moderate	Mid-Flood	M	3.9	16:51	6.45	8.17	32.13	31.01	3.31	5	100	0.194	NW
F1A	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:52	6.42	8.51	31.94	31.1	2.13	5	99	0.163	W
F1A	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:52	6.62	8.17	32.41	30.86	2.75	6	100	0.163	W
H1	20200720	Cloudy	Moderate	Mid-Flood	B	7.5	16:15	7.04	8.32	32.44	31.26	2.91	4	101	0.183	NW
H1	20200720	Cloudy	Moderate	Mid-Flood	B	7.5	16:15	6.38	8.33	32.35	31.04	3.48	4	100	0.177	W
H1	20200720	Cloudy	Moderate	Mid-Flood	M	4.25	16:16	6.33	8.51	32.03	31.1	2.98	4	99	0.135	W
H1	20200720	Cloudy	Moderate	Mid-Flood	M	4.25	16:16	6.85	8.5	32.17	31.36	2.84	4	99	0.157	NW
H1	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:17	6.24	8.41	32.47	31.26	2.25	5	100	0.188	W
H1	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:17	6.79	8.54	32.33	31.4	2.67	4	99	0.161	NW
M1	20200720	Cloudy	Moderate	Mid-Flood	B	7.3	17:11	6.8	8.49	32.2	30.72	3.41	8	99	0.145	W
M1	20200720	Cloudy	Moderate	Mid-Flood	B	7.3	17:11	6.2	8.54	32.07	30.8	3.57	8	99	0.2	NW
M1	20200720	Cloudy	Moderate	Mid-Flood	M	4.15	17:12	6.6	8.36	31.9	30.95	2.17	6	99	0.182	W
M1	20200720	Cloudy	Moderate	Mid-Flood	M	4.15	17:12	7.03	8.57	31.94	30.91	2.7	6	99	0.202	W
M1	20200720	Cloudy	Moderate	Mid-Flood	S	1	17:13	6.67	8.2	32.06	30.9	3.06	5	100	0.18	W
M1	20200720	Cloudy	Moderate	Mid-Flood	S	1	17:13	6.32	8.37	31.99	30.92	2.97	4	99	0.198	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S1	20200720	Cloudy	Moderate	Mid-Flood	B	4.7	17:29	6.99	8.48	32.07	30.77	3.11	6	101	0.197	W
S1	20200720	Cloudy	Moderate	Mid-Flood	B	4.7	17:29	6.74	8.54	31.92	30.4	3.54	7	100	0.16	NW
S1	20200720	Cloudy	Moderate	Mid-Flood	S	1	17:30	6.95	8.19	32.35	30.65	2.51	3	99	0.197	W
S1	20200720	Cloudy	Moderate	Mid-Flood	S	1	17:30	6.22	8.41	32.37	30.52	2.27	4	101	0.156	W
S2A	20200720	Cloudy	Moderate	Mid-Flood	B	8.3	18:03	7.29	8.34	32.37	30.62	2.91	6	99	0.197	W
S2A	20200720	Cloudy	Moderate	Mid-Flood	B	8.3	18:03	6.99	8.52	32.15	30.4	3.54	5	100	0.151	W
S2A	20200720	Cloudy	Moderate	Mid-Flood	M	4.65	18:04	6.69	8.52	31.95	30.84	2.49	6	101	0.174	W
S2A	20200720	Cloudy	Moderate	Mid-Flood	M	4.65	18:04	6.93	8.28	32.33	30.33	3.09	5	99	0.137	W
S2A	20200720	Cloudy	Moderate	Mid-Flood	S	1	18:05	6.56	8.32	32.07	30.49	2.42	6	101	0.193	W
S2A	20200720	Cloudy	Moderate	Mid-Flood	S	1	18:05	6.99	8.57	32.4	30.31	2.26	4	99	0.155	W
S3	20200720	Cloudy	Moderate	Mid-Flood	B	8.5	16:24	6.38	8.55	32.24	31.13	3.51	4	101	0.191	W
S3	20200720	Cloudy	Moderate	Mid-Flood	B	8.5	16:24	6.21	8.17	32.37	31.29	2.98	3	99	0.189	W
S3	20200720	Cloudy	Moderate	Mid-Flood	M	4.75	16:25	6.49	8.35	32.26	31.28	2.51	4	100	0.153	W
S3	20200720	Cloudy	Moderate	Mid-Flood	M	4.75	16:25	6.25	8.37	32.04	31.25	2.46	4	100	0.15	W
S3	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:26	6.36	8.17	32.43	31.33	3.13	5	99	0.161	W
S3	20200720	Cloudy	Moderate	Mid-Flood	S	1	16:26	7.14	8.45	32.13	31.29	2.88	5	99	0.137	NW
B1	20200722	Cloudy	Moderate	Mid-Ebb	B	3.5	13:02	7.36	8.27	32.24	31.04	3.05	5	106	0.144	E
B1	20200722	Cloudy	Moderate	Mid-Ebb	B	3.5	13:02	7.22	8.19	31.96	31.14	2.79	4	106	0.134	SE
B1	20200722	Cloudy	Moderate	Mid-Ebb	S	1	13:03	7.2	8.36	31.9	30.97	2.4	3	107	0.141	SE
B1	20200722	Cloudy	Moderate	Mid-Ebb	S	1	13:03	7.29	8.45	32.09	31.03	2.23	3	107	0.168	SE
B2	20200722	Cloudy	Moderate	Mid-Ebb	B	4.5	13:18	7.5	8.22	32.04	30.81	2.07	4	106	0.13	E
B2	20200722	Cloudy	Moderate	Mid-Ebb	B	4.5	13:18	7.27	8.26	31.92	30.81	2.19	5	107	0.196	SE
B2	20200722	Cloudy	Moderate	Mid-Ebb	S	1	13:19	6.6	8.25	32.34	31.37	1.97	4	107	0.152	SE
B2	20200722	Cloudy	Moderate	Mid-Ebb	S	1	13:19	6.68	8.24	31.94	30.98	2.34	3	106	0.131	E
B3	20200722	Cloudy	Moderate	Mid-Ebb	B	3.5	12:35	6.93	8.43	32.3	30.7	2.58	4	107	0.191	SE
B3	20200722	Cloudy	Moderate	Mid-Ebb	B	3.5	12:35	7.65	8.16	32.23	30.95	2.17	5	108	0.165	SE
B3	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:36	7.61	8.44	31.89	30.94	2.2	4	108	0.207	SE
B3	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:36	6.69	8.26	32.1	31.09	1.88	5	107	0.138	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B4	20200722	Cloudy	Moderate	Mid-Ebb	B	3.6	12:27	7.65	8.26	32.02	30.66	2.61	6	108	0.172	SE
B4	20200722	Cloudy	Moderate	Mid-Ebb	B	3.6	12:27	6.98	8.2	32.13	30.92	2.51	5	108	0.146	SE
B4	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:28	6.38	8.2	32.34	30.7	2.63	4	107	0.153	SE
B4	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:28	6.6	8.35	32.13	30.91	2.32	5	108	0.13	E
C1A	20200722	Cloudy	Moderate	Mid-Ebb	B	9.9	11:41	7.44	8.48	31.89	30.56	2.99	3	107	0.192	SE
C1A	20200722	Cloudy	Moderate	Mid-Ebb	B	9.9	11:41	6.56	8.33	31.91	30.5	3.02	3	107	0.146	SE
C1A	20200722	Cloudy	Moderate	Mid-Ebb	M	5.45	11:42	6.85	8.17	32.16	30.63	2.25	4	107	0.22	E
C1A	20200722	Cloudy	Moderate	Mid-Ebb	M	5.45	11:42	7.04	8.43	32.21	30.29	2.56	5	107	0.231	SE
C1A	20200722	Cloudy	Moderate	Mid-Ebb	S	1	11:43	7.47	8.15	31.91	30.41	2.21	5	107	0.195	E
C1A	20200722	Cloudy	Moderate	Mid-Ebb	S	1	11:43	7.12	8.51	32.07	30.39	2.55	4	107	0.168	SE
C2A	20200722	Cloudy	Moderate	Mid-Ebb	B	11.4	13:08	7.4	8.16	31.93	31.01	2.72	3	106	0.185	E
C2A	20200722	Cloudy	Moderate	Mid-Ebb	B	11.4	13:08	7.45	8.26	32.09	31.13	2.58	3	107	0.162	E
C2A	20200722	Cloudy	Moderate	Mid-Ebb	M	6.2	13:09	6.71	8.22	31.89	31.1	2.33	4	108	0.182	E
C2A	20200722	Cloudy	Moderate	Mid-Ebb	M	6.2	13:09	7.4	8.48	32.09	31.17	1.98	5	108	0.197	SE
C2A	20200722	Cloudy	Moderate	Mid-Ebb	S	1	13:10	7.33	8.32	32.07	30.87	2.16	5	107	0.176	E
C2A	20200722	Cloudy	Moderate	Mid-Ebb	S	1	13:10	6.68	8.2	32.34	30.84	1.87	4	107	0.196	SE
CR1	20200722	Cloudy	Moderate	Mid-Ebb	B	11.3	12:46	7.58	8.17	31.96	30.89	2.12	5	107	0.148	SE
CR1	20200722	Cloudy	Moderate	Mid-Ebb	B	11.3	12:46	6.65	8.2	32.12	31.16	2.37	6	107	0.193	SE
CR1	20200722	Cloudy	Moderate	Mid-Ebb	M	6.15	12:47	6.65	8.47	32.34	31.09	1.89	6	107	0.152	E
CR1	20200722	Cloudy	Moderate	Mid-Ebb	M	6.15	12:47	7.4	8.17	31.87	31.15	2.29	5	107	0.222	SE
CR1	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:48	6.32	8.33	32.3	31.01	1.76	5	107	0.163	SE
CR1	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:48	7.33	8.31	31.85	31.14	1.77	4	107	0.143	SE
CR2	20200722	Cloudy	Moderate	Mid-Ebb	B	10	12:23	6.69	8.49	32	30.72	2.47	4	107	0.2	E
CR2	20200722	Cloudy	Moderate	Mid-Ebb	B	10	12:23	7.46	8.21	32.15	30.78	3.03	4	107	0.128	E
CR2	20200722	Cloudy	Moderate	Mid-Ebb	M	5.5	12:24	7.4	8.43	31.84	30.59	2.11	5	105	0.157	E
CR2	20200722	Cloudy	Moderate	Mid-Ebb	M	5.5	12:24	6.79	8.36	31.97	30.63	1.85	5	106	0.227	SE
CR2	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:25	6.59	8.2	32.1	30.91	2.45	7	107	0.193	E
CR2	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:25	6.41	8.5	32.1	30.69	2.9	6	108	0.219	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20200722	Cloudy	Moderate	Mid-Ebb	B	7.8	12:07	7.27	8.16	31.89	30.67	2.41	4	107	0.128	SE
F1A	20200722	Cloudy	Moderate	Mid-Ebb	B	7.8	12:07	7.25	8.22	32.21	30.47	2.65	3	108	0.156	SE
F1A	20200722	Cloudy	Moderate	Mid-Ebb	M	4.4	12:08	6.5	8.2	31.81	30.39	1.7	5	107	0.23	SE
F1A	20200722	Cloudy	Moderate	Mid-Ebb	M	4.4	12:08	6.36	8.21	32.32	30.45	1.96	5	107	0.173	SE
F1A	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:09	7.06	8.34	32.25	30.77	2.49	6	107	0.229	E
F1A	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:09	7.28	8.19	31.82	30.7	2.67	5	107	0.176	SE
H1	20200722	Cloudy	Moderate	Mid-Ebb	B	7.2	12:07	6.98	8.15	32.21	30.52	2.2	5	107	0.211	SE
H1	20200722	Cloudy	Moderate	Mid-Ebb	B	7.2	12:07	6.76	8.28	32.01	30.67	2.58	4	108	0.128	E
H1	20200722	Cloudy	Moderate	Mid-Ebb	M	4.1	12:08	7.25	8.45	32.1	30.67	2.34	5	108	0.189	SE
H1	20200722	Cloudy	Moderate	Mid-Ebb	M	4.1	12:08	6.71	8.42	31.83	30.49	2.79	4	107	0.129	E
H1	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:09	7.11	8.42	31.97	30.68	2.19	6	108	0.211	E
H1	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:09	6.57	8.37	32.11	30.77	1.81	5	107	0.228	SE
M1	20200722	Cloudy	Moderate	Mid-Ebb	B	8.6	11:44	7.14	8.28	32.18	30.65	2.49	4	107	0.182	SE
M1	20200722	Cloudy	Moderate	Mid-Ebb	B	8.6	11:44	6.72	8.36	32.19	30.37	2.12	4	107	0.137	SE
M1	20200722	Cloudy	Moderate	Mid-Ebb	M	4.8	11:45	7.06	8.49	31.99	30.34	2.21	4	108	0.146	SE
M1	20200722	Cloudy	Moderate	Mid-Ebb	M	4.8	11:45	6.45	8.29	32.01	30.66	2.44	5	108	0.138	E
M1	20200722	Cloudy	Moderate	Mid-Ebb	S	1	11:46	6.85	8.26	31.93	30.38	2.23	4	107	0.145	E
M1	20200722	Cloudy	Moderate	Mid-Ebb	S	1	11:46	6.95	8.35	32.01	30.31	1.93	5	107	0.18	E
S1	20200722	Cloudy	Moderate	Mid-Ebb	B	4.4	13:11	6.33	8.28	31.91	31.19	3.08	3	108	0.23	SE
S1	20200722	Cloudy	Moderate	Mid-Ebb	B	4.4	13:11	7.4	8.22	32.31	31.26	2.85	3	108	0.2	SE
S1	20200722	Cloudy	Moderate	Mid-Ebb	S	1	13:12	6.87	8.28	32.17	30.81	2.48	4	108	0.213	SE
S1	20200722	Cloudy	Moderate	Mid-Ebb	S	1	13:12	7.02	8.31	32.05	31.31	2.01	5	108	0.134	E
S2A	20200722	Cloudy	Moderate	Mid-Ebb	B	8.2	12:49	6.56	8.3	31.94	31.07	2.58	4	107	0.153	SE
S2A	20200722	Cloudy	Moderate	Mid-Ebb	B	8.2	12:49	6.82	8.48	32	30.96	2.64	4	107	0.198	E
S2A	20200722	Cloudy	Moderate	Mid-Ebb	M	4.6	12:50	7.54	8.38	31.97	31.25	1.82	3	108	0.191	SE
S2A	20200722	Cloudy	Moderate	Mid-Ebb	M	4.6	12:50	7.56	8.36	31.89	30.69	2.15	4	108	0.158	SE
S2A	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:51	7.29	8.16	31.9	30.91	2.56	2	108	0.202	E
S2A	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:51	6.73	8.49	32.12	30.84	2.13	4	108	0.209	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20200722	Cloudy	Moderate	Mid-Ebb	B	9.7	12:33	6.8	8.4	31.85	30.89	2.58	6	107	0.166	SE
S3	20200722	Cloudy	Moderate	Mid-Ebb	B	9.7	12:33	6.39	8.16	31.97	30.76	2.07	6	107	0.159	E
S3	20200722	Cloudy	Moderate	Mid-Ebb	M	5.35	12:34	6.46	8.51	32.25	30.73	2.11	5	107	0.145	SE
S3	20200722	Cloudy	Moderate	Mid-Ebb	M	5.35	12:34	6.47	8.5	31.91	30.79	2.41	5	107	0.184	SE
S3	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:35	6.85	8.32	31.82	31.01	1.94	4	107	0.162	SE
S3	20200722	Cloudy	Moderate	Mid-Ebb	S	1	12:35	7.12	8.19	32.18	31.14	1.77	5	107	0.131	SE
B1	20200722	Cloudy	Moderate	Mid-Flood	B	4.4	18:14	6.77	8.53	32.2	30.42	2.98	5	106	0.198	W
B1	20200722	Cloudy	Moderate	Mid-Flood	B	4.4	18:14	7.51	8.47	32.12	30.36	2.74	4	106	0.196	W
B1	20200722	Cloudy	Moderate	Mid-Flood	S	1	18:15	7.02	8.39	32.06	30.4	2.5	3	107	0.187	W
B1	20200722	Cloudy	Moderate	Mid-Flood	S	1	18:15	6.96	8.29	31.83	30.18	2.07	4	107	0.182	W
B2	20200722	Cloudy	Moderate	Mid-Flood	B	3.8	18:39	7.01	8.48	32.31	30.22	2.48	5	107	0.187	W
B2	20200722	Cloudy	Moderate	Mid-Flood	B	3.8	18:39	7.02	8.36	32.14	30.39	2.65	6	107	0.206	W
B2	20200722	Cloudy	Moderate	Mid-Flood	S	1	18:40	6.15	8.56	31.9	30.28	1.94	4	106	0.148	W
B2	20200722	Cloudy	Moderate	Mid-Flood	S	1	18:40	6.31	8.43	32.09	30.39	2.21	5	106	0.158	NW
B3	20200722	Cloudy	Moderate	Mid-Flood	B	3.4	17:20	7.57	8.24	32	30.44	2.72	6	106	0.192	W
B3	20200722	Cloudy	Moderate	Mid-Flood	B	3.4	17:20	6.84	8.35	31.76	30.44	2.22	7	107	0.202	W
B3	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:21	6.27	8.38	31.69	30.45	2.5	4	107	0.192	W
B3	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:21	7.43	8.39	32.23	30.42	2.92	4	106	0.153	W
B4	20200722	Cloudy	Moderate	Mid-Flood	B	3.9	17:27	6.67	8.48	32.34	30.62	2.9	6	106	0.164	W
B4	20200722	Cloudy	Moderate	Mid-Flood	B	3.9	17:27	6.61	8.19	31.85	30.6	2.67	6	106	0.134	W
B4	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:28	6.78	8.4	32.11	30.66	1.74	5	106	0.154	W
B4	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:28	7.21	8.44	32.05	30.53	1.75	6	106	0.128	W
C1A	20200722	Cloudy	Moderate	Mid-Flood	B	10.4	17:41	7.23	8.55	32.1	30.46	2.71	7	106	0.146	W
C1A	20200722	Cloudy	Moderate	Mid-Flood	B	10.4	17:41	7.04	8.42	31.82	30.59	3.27	6	107	0.128	W
C1A	20200722	Cloudy	Moderate	Mid-Flood	M	5.7	17:42	7.24	8.21	32.29	30.64	2.83	5	107	0.195	W
C1A	20200722	Cloudy	Moderate	Mid-Flood	M	5.7	17:42	7.58	8.39	31.91	30.61	2.28	6	106	0.149	W
C1A	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:43	6.77	8.44	32.03	30.48	2.58	5	106	0.193	W
C1A	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:43	6.36	8.34	31.96	30.46	2.73	6	106	0.19	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20200722	Cloudy	Moderate	Mid-Flood	B	10.8	17:00	6.45	8.29	32.06	30.62	2.39	6	106	0.156	NW
C2A	20200722	Cloudy	Moderate	Mid-Flood	B	10.8	17:00	6.24	8.47	32.31	30.58	2.39	6	106	0.192	W
C2A	20200722	Cloudy	Moderate	Mid-Flood	M	5.9	17:01	7.24	8.53	32.3	30.57	2.84	6	107	0.169	W
C2A	20200722	Cloudy	Moderate	Mid-Flood	M	5.9	17:01	7.39	8.38	31.68	30.61	2.38	7	107	0.175	W
C2A	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:02	7.52	8.41	31.91	30.53	2.14	8	106	0.198	NW
C2A	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:02	6.77	8.26	31.97	30.84	2.48	8	107	0.199	W
CR1	20200722	Cloudy	Moderate	Mid-Flood	B	11	17:00	6.78	8.19	31.94	30.75	2.54	8	107	0.172	W
CR1	20200722	Cloudy	Moderate	Mid-Flood	B	11	17:00	6.55	8.47	32.06	30.55	2.85	9	106	0.198	W
CR1	20200722	Cloudy	Moderate	Mid-Flood	M	6	17:01	7.28	8.54	32	30.87	2.46	6	106	0.186	W
CR1	20200722	Cloudy	Moderate	Mid-Flood	M	6	17:01	7.22	8.56	31.87	30.53	2.06	6	106	0.168	W
CR1	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:02	7.02	8.55	31.94	30.89	2.02	6	106	0.159	W
CR1	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:02	6.5	8.21	31.86	30.79	2.42	6	106	0.173	W
CR2	20200722	Cloudy	Moderate	Mid-Flood	B	10.4	17:15	6.42	8.36	31.86	30.68	3.03	6	106	0.149	W
CR2	20200722	Cloudy	Moderate	Mid-Flood	B	10.4	17:15	6.35	8.25	32.07	30.64	2.88	5	106	0.177	W
CR2	20200722	Cloudy	Moderate	Mid-Flood	M	5.7	17:16	6.16	8.48	31.67	30.72	1.88	5	107	0.192	W
CR2	20200722	Cloudy	Moderate	Mid-Flood	M	5.7	17:16	6.92	8.5	32.19	30.59	2.33	6	107	0.201	W
CR2	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:17	6.42	8.37	31.66	30.52	2.43	8	106	0.182	W
CR2	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:17	7.26	8.42	31.78	30.48	2.12	7	106	0.176	NW
F1A	20200722	Cloudy	Moderate	Mid-Flood	B	7.6	17:46	7.18	8.47	31.91	30.61	2.64	6	106	0.175	W
F1A	20200722	Cloudy	Moderate	Mid-Flood	B	7.6	17:46	6.88	8.44	31.67	30.45	3.06	7	107	0.148	W
F1A	20200722	Cloudy	Moderate	Mid-Flood	M	4.3	17:47	7.02	8.28	32.06	30.53	2.08	7	106	0.13	NW
F1A	20200722	Cloudy	Moderate	Mid-Flood	M	4.3	17:47	7.19	8.5	32.18	30.38	2.27	6	106	0.186	W
F1A	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:48	7.18	8.25	32.26	30.32	2.25	6	107	0.18	W
F1A	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:48	6.47	8.47	32.26	30.35	2.19	5	106	0.148	W
H1	20200722	Cloudy	Moderate	Mid-Flood	B	7.5	17:13	7.17	8.26	32.2	30.72	2.88	5	106	0.134	NW
H1	20200722	Cloudy	Moderate	Mid-Flood	B	7.5	17:13	7.09	8.47	32.18	30.41	2.65	6	106	0.159	W
H1	20200722	Cloudy	Moderate	Mid-Flood	M	4.25	17:14	7.17	8.38	31.68	30.71	2.88	5	106	0.178	W
H1	20200722	Cloudy	Moderate	Mid-Flood	M	4.25	17:14	6.93	8.19	31.99	30.41	2.86	6	106	0.169	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:15	6.57	8.54	32.06	30.6	2.45	7	106	0.188	W
H1	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:15	7.12	8.21	31.84	30.47	1.99	6	106	0.141	NW
M1	20200722	Cloudy	Moderate	Mid-Flood	B	6.8	18:05	6.63	8.36	32.35	30.27	3.15	7	106	0.199	W
M1	20200722	Cloudy	Moderate	Mid-Flood	B	6.8	18:05	6.78	8.35	31.96	30.36	2.54	8	106	0.188	W
M1	20200722	Cloudy	Moderate	Mid-Flood	M	3.9	18:06	7.14	8.33	31.94	30.48	2.19	6	106	0.138	W
M1	20200722	Cloudy	Moderate	Mid-Flood	M	3.9	18:06	6.37	8.2	31.97	30.47	2.44	7	106	0.15	W
M1	20200722	Cloudy	Moderate	Mid-Flood	S	1	18:07	6.67	8.32	31.76	30.33	2.53	7	106	0.193	W
M1	20200722	Cloudy	Moderate	Mid-Flood	S	1	18:07	7.39	8.21	32.3	30.25	2.65	6	106	0.133	W
S1	20200722	Cloudy	Moderate	Mid-Flood	B	4.8	18:30	6.27	8.19	31.74	30.47	2.88	4	106	0.178	W
S1	20200722	Cloudy	Moderate	Mid-Flood	B	4.8	18:30	6.91	8.28	31.75	30.43	3.07	5	106	0.189	NW
S1	20200722	Cloudy	Moderate	Mid-Flood	S	1	18:31	7.13	8.24	32.2	30.32	1.7	5	107	0.202	W
S1	20200722	Cloudy	Moderate	Mid-Flood	S	1	18:31	7.48	8.45	31.91	30.42	1.79	6	106	0.154	NW
S2A	20200722	Cloudy	Moderate	Mid-Flood	B	8.5	19:00	6.78	8.56	31.81	30.07	3.16	6	107	0.126	NW
S2A	20200722	Cloudy	Moderate	Mid-Flood	B	8.5	19:00	6.79	8.35	31.91	30.11	3.06	7	106	0.124	W
S2A	20200722	Cloudy	Moderate	Mid-Flood	M	4.75	19:01	7.19	8.29	32.01	30.18	2.41	6	106	0.156	W
S2A	20200722	Cloudy	Moderate	Mid-Flood	M	4.75	19:01	7.54	8.25	31.97	30.05	2.46	7	106	0.162	W
S2A	20200722	Cloudy	Moderate	Mid-Flood	S	1	19:02	6.22	8.31	31.69	30.11	2.39	6	106	0.163	W
S2A	20200722	Cloudy	Moderate	Mid-Flood	S	1	19:02	7.43	8.49	32.18	30.09	2.76	6	106	0.157	W
S3	20200722	Cloudy	Moderate	Mid-Flood	B	9.5	17:23	7.03	8.49	31.94	30.44	2.44	6	106	0.126	NW
S3	20200722	Cloudy	Moderate	Mid-Flood	B	9.5	17:23	6.87	8.54	32.04	30.46	2.12	4	106	0.195	W
S3	20200722	Cloudy	Moderate	Mid-Flood	M	5.25	17:24	7.4	8.48	31.72	30.44	2.07	5	106	0.205	W
S3	20200722	Cloudy	Moderate	Mid-Flood	M	5.25	17:24	6.97	8.28	32.18	30.56	2.5	6	106	0.179	W
S3	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:25	6.73	8.52	32.08	30.47	2.28	6	106	0.165	W
S3	20200722	Cloudy	Moderate	Mid-Flood	S	1	17:25	6.99	8.52	32.09	30.39	2.76	6	106	0.183	W
B1	20200724	Sunny	Moderate	Mid-Flood	B	4.4	10:17	6.84	8.12	30.61	29.81	2.82	3	103	0.173	W
B1	20200724	Sunny	Moderate	Mid-Flood	B	4.4	10:17	6.38	8.19	30.97	29.82	2.65	2	106	0.146	W
B1	20200724	Sunny	Moderate	Mid-Flood	S	1	10:18	6.19	8.26	30.87	29.81	2.75	3	107	0.141	W
B1	20200724	Sunny	Moderate	Mid-Flood	S	1	10:18	6.46	8.34	30.66	30.11	2.68	4	104	0.166	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20200724	Sunny	Moderate	Mid-Flood	B	3.8	10:33	6.14	8.34	30.63	30.14	2.59	2	103	0.212	W
B2	20200724	Sunny	Moderate	Mid-Flood	B	3.8	10:33	6.39	8.17	30.71	29.8	2.67	3	105	0.139	W
B2	20200724	Sunny	Moderate	Mid-Flood	S	1	10:34	6.24	8.38	30.78	29.93	3.14	4	104	0.165	W
B2	20200724	Sunny	Moderate	Mid-Flood	S	1	10:34	6.28	8.26	30.91	30.14	2.86	3	104	0.185	SW
B3	20200724	Sunny	Moderate	Mid-Flood	B	4.2	9:50	6.26	8.12	30.81	29.98	2.52	4	104	0.144	NW
B3	20200724	Sunny	Moderate	Mid-Flood	B	4.2	9:50	6.3	8.34	30.71	29.68	2.32	4	105	0.209	SW
B3	20200724	Sunny	Moderate	Mid-Flood	S	1	9:51	6.48	8.32	30.88	29.75	2.86	3	104	0.17	NW
B3	20200724	Sunny	Moderate	Mid-Flood	S	1	9:51	6.37	8.26	30.97	29.68	2.99	3	103	0.141	NW
B4	20200724	Sunny	Moderate	Mid-Flood	B	4.3	9:43	6.34	8.1	30.81	29.83	2.86	3	106	0.182	NW
B4	20200724	Sunny	Moderate	Mid-Flood	B	4.3	9:43	6.39	8.38	30.64	29.85	2.74	3	105	0.133	NW
B4	20200724	Sunny	Moderate	Mid-Flood	S	1	9:44	6.28	8.34	30.66	29.59	2.85	4	104	0.184	W
B4	20200724	Sunny	Moderate	Mid-Flood	S	1	9:44	6.53	8.1	30.66	29.74	3.19	4	106	0.137	W
C1A	20200724	Sunny	Moderate	Mid-Flood	B	9.6	9:57	6.51	8.37	30.64	30.03	2.37	4	106	0.141	NW
C1A	20200724	Sunny	Moderate	Mid-Flood	B	9.6	9:57	6.26	8.28	30.72	29.94	2.63	4	104	0.156	W
C1A	20200724	Sunny	Moderate	Mid-Flood	M	5.3	9:58	6.24	8.13	30.87	29.87	2.58	2	104	0.195	W
C1A	20200724	Sunny	Moderate	Mid-Flood	M	5.3	9:58	6.8	8.07	30.77	29.71	3.09	3	103	0.168	W
C1A	20200724	Sunny	Moderate	Mid-Flood	S	1	9:59	6.16	8.13	30.93	29.82	3.01	3	105	0.133	SW
C1A	20200724	Sunny	Moderate	Mid-Flood	S	1	9:59	6.4	8.38	30.89	30.01	3.22	3	102	0.184	W
C2A	20200724	Sunny	Moderate	Mid-Flood	B	10.5	8:56	6.86	8.21	30.59	29.44	2.74	5	105	0.196	W
C2A	20200724	Sunny	Moderate	Mid-Flood	B	10.5	8:56	6.91	8.25	30.81	29.59	2.54	4	104	0.15	NW
C2A	20200724	Sunny	Moderate	Mid-Flood	M	5.75	8:57	6.83	8.23	30.73	29.47	2.57	4	103	0.21	SW
C2A	20200724	Sunny	Moderate	Mid-Flood	M	5.75	8:57	6.08	8.21	31.03	29.41	3.04	4	103	0.157	SW
C2A	20200724	Sunny	Moderate	Mid-Flood	S	1	8:58	6.46	8.09	30.98	29.44	2.82	3	105	0.196	W
C2A	20200724	Sunny	Moderate	Mid-Flood	S	1	8:58	6.61	8.27	30.61	29.61	3.16	4	104	0.183	W
CR1	20200724	Sunny	Moderate	Mid-Flood	B	11.6	9:19	6.53	8.12	30.61	29.57	2.69	5	108	0.202	W
CR1	20200724	Sunny	Moderate	Mid-Flood	B	11.6	9:19	6.34	8.28	30.97	29.73	2.43	6	108	0.198	SW
CR1	20200724	Sunny	Moderate	Mid-Flood	M	6.3	9:20	6.73	8.18	30.97	29.65	2.56	4	108	0.163	NW
CR1	20200724	Sunny	Moderate	Mid-Flood	M	6.3	9:20	6.21	8.17	30.59	29.58	2.64	3	108	0.188	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20200724	Sunny	Moderate	Mid-Flood	S	1	9:21	6.24	8.14	30.99	29.66	2.7	2	108	0.209	SW
CR1	20200724	Sunny	Moderate	Mid-Flood	S	1	9:21	6.39	8.06	30.77	29.42	2.78	4	108	0.153	W
CR2	20200724	Sunny	Moderate	Mid-Flood	B	10.8	9:33	6.44	8.12	30.88	29.5	2.65	5	108	0.211	W
CR2	20200724	Sunny	Moderate	Mid-Flood	B	10.8	9:33	6.76	8.13	30.69	29.66	2.85	4	108	0.148	SW
CR2	20200724	Sunny	Moderate	Mid-Flood	M	5.9	9:34	6.41	8.29	30.69	29.54	2.94	4	109	0.184	SW
CR2	20200724	Sunny	Moderate	Mid-Flood	M	5.9	9:34	6.83	8.16	30.99	29.47	2.77	4	108	0.141	NW
CR2	20200724	Sunny	Moderate	Mid-Flood	S	1	9:35	6.52	8.06	30.74	29.85	3.24	3	107	0.153	SW
CR2	20200724	Sunny	Moderate	Mid-Flood	S	1	9:35	6.76	8.09	30.91	29.57	3.19	3	108	0.18	W
F1A	20200724	Sunny	Moderate	Mid-Flood	B	7.6	9:21	6.08	8.27	30.67	29.52	2.34	4	106	0.136	W
F1A	20200724	Sunny	Moderate	Mid-Flood	B	7.6	9:21	6.07	8.32	30.74	29.71	2.62	3	104	0.209	NW
F1A	20200724	Sunny	Moderate	Mid-Flood	M	4.3	9:22	6.43	8.3	30.9	29.35	3.09	4	105	0.21	SW
F1A	20200724	Sunny	Moderate	Mid-Flood	M	4.3	9:22	6.39	8.06	30.97	29.7	3	4	104	0.138	W
F1A	20200724	Sunny	Moderate	Mid-Flood	S	1	9:23	6.31	8.14	30.7	29.41	2.83	6	104	0.199	SW
F1A	20200724	Sunny	Moderate	Mid-Flood	S	1	9:23	6.84	8.31	31.02	29.6	2.83	5	104	0.185	W
H1	20200724	Sunny	Moderate	Mid-Flood	B	7	10:25	6.62	8.28	30.64	29.8	2.45	4	104	0.179	NW
H1	20200724	Sunny	Moderate	Mid-Flood	B	7	10:25	6.66	8.22	30.76	29.74	2.62	3	103	0.136	SW
H1	20200724	Sunny	Moderate	Mid-Flood	M	4	10:26	6.62	8.23	30.64	29.92	2.66	4	103	0.141	W
H1	20200724	Sunny	Moderate	Mid-Flood	M	4	10:26	6.44	8.34	30.84	29.82	2.71	3	104	0.161	SW
H1	20200724	Sunny	Moderate	Mid-Flood	S	1	10:27	6.56	8.27	30.99	30.15	2.69	5	104	0.184	W
H1	20200724	Sunny	Moderate	Mid-Flood	S	1	10:27	6.25	8.12	30.78	30.17	2.93	5	105	0.139	W
M1	20200724	Sunny	Moderate	Mid-Flood	B	7.1	8:59	6.43	8.07	30.89	29.49	2.32	5	108	0.207	NW
M1	20200724	Sunny	Moderate	Mid-Flood	B	7.1	8:59	6.34	8.29	30.59	29.68	2.46	4	108	0.193	NW
M1	20200724	Sunny	Moderate	Mid-Flood	M	4.05	9:00	6.09	8.09	30.66	29.45	3.11	4	108	0.177	NW
M1	20200724	Sunny	Moderate	Mid-Flood	M	4.05	9:00	6.46	8.06	30.74	29.75	2.64	4	108	0.185	W
M1	20200724	Sunny	Moderate	Mid-Flood	S	1	9:01	6.7	8.16	30.78	29.4	2.9	3	108	0.168	W
M1	20200724	Sunny	Moderate	Mid-Flood	S	1	9:01	6.44	8.28	30.7	29.65	2.86	3	108	0.208	W
S1	20200724	Sunny	Moderate	Mid-Flood	B	4.2	10:25	6.81	8.16	30.85	30.17	2.56	4	104	0.141	W
S1	20200724	Sunny	Moderate	Mid-Flood	B	4.2	10:25	6.43	8.26	31	30.04	2.39	4	105	0.133	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S1	20200724	Sunny	Moderate	Mid-Flood	S	1	10:26	6.6	8.34	31.01	29.8	2.9	6	104	0.192	SW
S1	20200724	Sunny	Moderate	Mid-Flood	S	1	10:26	6.38	8.09	30.72	30.16	3.19	5	104	0.198	NW
S2A	20200724	Sunny	Moderate	Mid-Flood	B	8.9	10:04	6.29	8.25	30.71	29.89	2.6	4	105	0.204	SW
S2A	20200724	Sunny	Moderate	Mid-Flood	B	8.9	10:04	6.84	8.06	30.79	29.78	2.86	3	103	0.152	W
S2A	20200724	Sunny	Moderate	Mid-Flood	M	4.95	10:05	6.62	8.29	30.95	29.86	2.55	4	103	0.167	NW
S2A	20200724	Sunny	Moderate	Mid-Flood	M	4.95	10:05	6.63	8.26	30.65	30	2.82	4	104	0.188	W
S2A	20200724	Sunny	Moderate	Mid-Flood	S	1	10:06	6.17	8.27	30.98	29.83	2.88	4	105	0.178	W
S2A	20200724	Sunny	Moderate	Mid-Flood	S	1	10:06	6.63	8.33	30.84	29.96	2.7	4	105	0.159	W
S3	20200724	Sunny	Moderate	Mid-Flood	B	9.8	9:42	6.42	8.39	30.92	29.62	2.54	6	103	0.197	W
S3	20200724	Sunny	Moderate	Mid-Flood	B	9.8	9:42	6.51	8.38	30.62	29.74	2.77	7	106	0.178	W
S3	20200724	Sunny	Moderate	Mid-Flood	M	5.4	9:43	6.78	8.38	30.92	29.8	3.11	5	104	0.158	W
S3	20200724	Sunny	Moderate	Mid-Flood	M	5.4	9:43	6.58	8.37	30.94	29.64	3.09	4	104	0.198	W
S3	20200724	Sunny	Moderate	Mid-Flood	S	1	9:44	6.65	8.26	30.65	29.87	3.09	3	105	0.143	SW
S3	20200724	Sunny	Moderate	Mid-Flood	S	1	9:44	6.13	8.21	30.99	29.76	2.94	4	104	0.183	W
B1	20200724	Sunny	Moderate	Mid-Ebb	B	4.2	13:45	6.92	8.17	30.55	30.07	2.54	6	108	0.141	S
B1	20200724	Sunny	Moderate	Mid-Ebb	B	4.2	13:45	6.08	7.98	30.61	30.24	2.83	7	108	0.195	S
B1	20200724	Sunny	Moderate	Mid-Ebb	S	1	13:46	6.31	7.98	30.72	30.44	3.2	4	108	0.162	S
B1	20200724	Sunny	Moderate	Mid-Ebb	S	1	13:46	6.27	8.28	30.43	30.32	3	3	108	0.164	SE
B2	20200724	Sunny	Moderate	Mid-Ebb	B	4.7	13:15	6.97	8.07	30.49	30.41	2.87	5	108	0.175	S
B2	20200724	Sunny	Moderate	Mid-Ebb	B	4.7	13:15	6.35	8.26	30.39	30.43	2.98	5	109	0.188	S
B2	20200724	Sunny	Moderate	Mid-Ebb	S	1	13:16	6.98	8.16	30.39	30.35	2.76	4	109	0.166	SE
B2	20200724	Sunny	Moderate	Mid-Ebb	S	1	13:16	6.35	8.14	30.74	30.43	2.88	4	109	0.185	SE
B3	20200724	Sunny	Moderate	Mid-Ebb	B	4.1	14:37	6.52	8.02	30.55	30	2.77	6	109	0.132	SE
B3	20200724	Sunny	Moderate	Mid-Ebb	B	4.1	14:37	6.39	8.26	30.36	30.04	2.69	5	109	0.17	SE
B3	20200724	Sunny	Moderate	Mid-Ebb	S	1	14:38	6.49	8.11	30.69	30.37	2.93	3	108	0.13	S
B3	20200724	Sunny	Moderate	Mid-Ebb	S	1	14:38	6.98	8.17	30.36	30.02	3.25	4	109	0.195	SE
B4	20200724	Sunny	Moderate	Mid-Ebb	B	3.2	14:45	6.26	8.06	30.54	30.44	2.43	4	109	0.141	S
B4	20200724	Sunny	Moderate	Mid-Ebb	B	3.2	14:45	6.09	8.26	30.44	30.45	2.66	4	109	0.184	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B4	20200724	Sunny	Moderate	Mid-Ebb	S	1	14:46	6.28	8.18	30.46	30.24	3.23	4	108	0.149	S
B4	20200724	Sunny	Moderate	Mid-Ebb	S	1	14:46	6.76	8.04	30.75	30.33	2.68	3	108	0.144	SE
C1A	20200724	Sunny	Moderate	Mid-Ebb	B	10	13:15	6.51	8.12	30.5	30.12	2.6	3	109	0.146	E
C1A	20200724	Sunny	Moderate	Mid-Ebb	B	10	13:15	6.95	8.13	30.56	30.3	2.69	2	108	0.135	S
C1A	20200724	Sunny	Moderate	Mid-Ebb	M	5.5	13:16	6.52	8.28	30.36	30.22	3.03	4	109	0.191	S
C1A	20200724	Sunny	Moderate	Mid-Ebb	M	5.5	13:16	6.08	7.98	30.63	30.42	2.73	3	109	0.163	S
C1A	20200724	Sunny	Moderate	Mid-Ebb	S	1	13:17	6.15	8.28	30.71	30.33	2.82	5	109	0.186	S
C1A	20200724	Sunny	Moderate	Mid-Ebb	S	1	13:17	6.11	8.02	30.61	30.04	3.03	4	109	0.184	S
C2A	20200724	Sunny	Moderate	Mid-Ebb	B	11	14:59	6.02	8.01	30.5	30.25	2.89	2	108	0.163	S
C2A	20200724	Sunny	Moderate	Mid-Ebb	B	11	14:59	6.03	8.22	30.49	30.31	2.91	3	108	0.162	SE
C2A	20200724	Sunny	Moderate	Mid-Ebb	M	6	15:00	6.38	8.27	30.54	30.35	2.74	3	108	0.137	SE
C2A	20200724	Sunny	Moderate	Mid-Ebb	M	6	15:00	6.97	8.06	30.43	30.22	3.02	2	108	0.188	S
C2A	20200724	Sunny	Moderate	Mid-Ebb	S	1	15:01	6.88	7.99	30.62	30.26	3.2	4	108	0.149	E
C2A	20200724	Sunny	Moderate	Mid-Ebb	S	1	15:01	6.9	8.19	30.66	30.1	3.23	4	108	0.191	SE
CR1	20200724	Sunny	Moderate	Mid-Ebb	B	12.8	14:13	6.04	8.2	30.63	30.17	2.87	3	109	0.188	SE
CR1	20200724	Sunny	Moderate	Mid-Ebb	B	12.8	14:13	6.01	8.12	30.56	30.15	2.65	3	108	0.152	SE
CR1	20200724	Sunny	Moderate	Mid-Ebb	M	6.9	14:14	6.18	8.17	30.71	30.22	2.65	4	109	0.163	SE
CR1	20200724	Sunny	Moderate	Mid-Ebb	M	6.9	14:14	6.27	8.24	30.64	30.17	3.08	4	109	0.187	S
CR1	20200724	Sunny	Moderate	Mid-Ebb	S	1	14:15	5.98	8.21	30.43	30.21	2.98	4	109	0.18	SE
CR1	20200724	Sunny	Moderate	Mid-Ebb	S	1	14:15	6.77	7.97	30.63	30.39	2.93	4	108	0.184	S
CR2	20200724	Sunny	Moderate	Mid-Ebb	B	9.9	13:53	6.92	7.99	30.49	30.02	2.83	5	108	0.131	S
CR2	20200724	Sunny	Moderate	Mid-Ebb	B	9.9	13:53	6.31	8.28	30.59	30.38	2.89	5	109	0.166	S
CR2	20200724	Sunny	Moderate	Mid-Ebb	M	5.45	13:54	6.73	8.1	30.69	29.99	2.96	4	108	0.181	SE
CR2	20200724	Sunny	Moderate	Mid-Ebb	M	5.45	13:54	5.95	8.07	30.5	30.22	2.98	4	108	0.15	SE
CR2	20200724	Sunny	Moderate	Mid-Ebb	S	1	13:55	6.97	8.21	30.47	30.34	3.25	3	109	0.138	S
CR2	20200724	Sunny	Moderate	Mid-Ebb	S	1	13:55	5.95	8.27	30.56	30.09	2.68	4	108	0.161	E
F1A	20200724	Sunny	Moderate	Mid-Ebb	B	8.1	14:37	6.27	8	30.61	30.41	2.6	2	109	0.164	SE
F1A	20200724	Sunny	Moderate	Mid-Ebb	B	8.1	14:37	6.35	8.2	30.7	30.4	2.47	3	109	0.138	SE

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20200724	Sunny	Moderate	Mid-Ebb	M	4.55	14:38	6.39	7.99	30.43	30.38	2.9	3	108	0.166	S
F1A	20200724	Sunny	Moderate	Mid-Ebb	M	4.55	14:38	6.96	8.22	30.52	30.06	3.11	4	109	0.184	SE
F1A	20200724	Sunny	Moderate	Mid-Ebb	S	1	14:39	6.96	7.98	30.72	30.4	2.91	4	108	0.189	S
F1A	20200724	Sunny	Moderate	Mid-Ebb	S	1	14:39	6.81	8.24	30.74	30.12	3.04	5	109	0.179	E
H1	20200724	Sunny	Moderate	Mid-Ebb	B	6.9	13:38	6.58	8.23	30.69	30.41	2.97	3	109	0.139	S
H1	20200724	Sunny	Moderate	Mid-Ebb	B	6.9	13:38	6.67	8.2	30.44	29.99	2.95	2	109	0.146	SE
H1	20200724	Sunny	Moderate	Mid-Ebb	M	3.95	13:39	6.59	8.24	30.59	30.03	2.99	4	109	0.149	SE
H1	20200724	Sunny	Moderate	Mid-Ebb	M	3.95	13:39	6.39	8.26	30.62	30.37	2.6	3	109	0.132	E
H1	20200724	Sunny	Moderate	Mid-Ebb	S	1	13:40	6.95	8.22	30.61	30.44	3.18	5	109	0.129	S
H1	20200724	Sunny	Moderate	Mid-Ebb	S	1	13:40	6.72	8.14	30.72	30.34	2.68	4	109	0.197	E
M1	20200724	Sunny	Moderate	Mid-Ebb	B	7.7	15:02	6	8.16	30.59	30.08	2.83	4	108	0.134	SE
M1	20200724	Sunny	Moderate	Mid-Ebb	B	7.7	15:02	6	8.03	30.45	30.44	2.94	5	108	0.134	S
M1	20200724	Sunny	Moderate	Mid-Ebb	M	4.35	15:03	6.16	8.22	30.41	30.34	3.05	4	108	0.197	S
M1	20200724	Sunny	Moderate	Mid-Ebb	M	4.35	15:03	6.58	8.21	30.67	30.47	3.05	4	108	0.149	SE
M1	20200724	Sunny	Moderate	Mid-Ebb	S	1	15:04	5.92	8.27	30.57	30.41	2.95	3	108	0.184	S
M1	20200724	Sunny	Moderate	Mid-Ebb	S	1	15:04	6.64	8.01	30.37	30.39	2.76	2	109	0.165	E
S1	20200724	Sunny	Moderate	Mid-Ebb	B	4.2	13:24	6.8	8.17	30.56	30.04	2.48	4	108	0.169	S
S1	20200724	Sunny	Moderate	Mid-Ebb	B	4.2	13:24	6.69	7.96	30.74	30.42	2.8	5	109	0.135	S
S1	20200724	Sunny	Moderate	Mid-Ebb	S	1	13:25	6.9	8.03	30.42	30.21	3.07	2	109	0.193	S
S1	20200724	Sunny	Moderate	Mid-Ebb	S	1	13:25	6.62	8.21	30.4	30.08	3.26	3	109	0.195	E
S2A	20200724	Sunny	Moderate	Mid-Ebb	B	7.9	14:02	6.24	8.04	30.61	30.07	2.82	6	108	0.192	S
S2A	20200724	Sunny	Moderate	Mid-Ebb	B	7.9	14:02	6.25	8.19	30.66	29.99	2.49	6	109	0.166	S
S2A	20200724	Sunny	Moderate	Mid-Ebb	M	4.45	14:03	6.64	8.17	30.65	30.07	2.85	4	108	0.129	S
S2A	20200724	Sunny	Moderate	Mid-Ebb	M	4.45	14:03	6.22	8.22	30.71	30.4	3.06	3	109	0.156	E
S2A	20200724	Sunny	Moderate	Mid-Ebb	S	1	14:04	6.99	8.28	30.58	30.03	2.84	2	108	0.186	E
S2A	20200724	Sunny	Moderate	Mid-Ebb	S	1	14:04	6.19	8.18	30.54	30.01	2.81	2	108	0.183	SE
S3	20200724	Sunny	Moderate	Mid-Ebb	B	10	14:01	6.32	8.14	30.62	30.38	2.96	2	108	0.142	SE
S3	20200724	Sunny	Moderate	Mid-Ebb	B	10	14:01	6.8	8.27	30.63	30.26	2.83	3	108	0.131	S

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 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20200724	Sunny	Moderate	Mid-Ebb	M	5.5	14:02	6.92	8.07	30.74	30.34	3.07	4	108	0.149	S
S3	20200724	Sunny	Moderate	Mid-Ebb	M	5.5	14:02	6.12	8.16	30.52	30.02	2.64	4	109	0.169	S
S3	20200724	Sunny	Moderate	Mid-Ebb	S	1	14:03	6.65	8.03	30.38	30.15	2.87	6	109	0.142	E
S3	20200724	Sunny	Moderate	Mid-Ebb	S	1	14:03	6.67	8.04	30.7	30.11	3.12	4	108	0.152	S
B1	20200728	Sunny	Moderate	Mid-Flood	B	3.4	13:12	6.65	8.26	31.81	31.53	3.2	7	-	-	-
B1	20200728	Sunny	Moderate	Mid-Flood	B	3.4	13:12	6.28	8.12	32.04	31.6	3.21	8	-	-	-
B1	20200728	Sunny	Moderate	Mid-Flood	S	1	13:13	6.82	8.2	31.85	31.67	2.73	5	-	-	-
B1	20200728	Sunny	Moderate	Mid-Flood	S	1	13:13	7.01	8.52	32.13	31.66	2.21	6	-	-	-
B2	20200728	Sunny	Moderate	Mid-Flood	B	4	12:59	7.14	8.48	31.78	31.63	2.17	9	-	-	-
B2	20200728	Sunny	Moderate	Mid-Flood	B	4	12:59	6.53	8.26	32.02	31.68	2.49	10	-	-	-
B2	20200728	Sunny	Moderate	Mid-Flood	S	1	13:00	6.65	8.4	32.1	31.56	2.18	6	-	-	-
B2	20200728	Sunny	Moderate	Mid-Flood	S	1	13:00	6.41	8.27	32.03	31.54	2.39	5	-	-	-
B3	20200728	Sunny	Moderate	Mid-Flood	B	3.9	12:40	6.81	8.44	31.85	31.55	2.83	6	-	-	-
B3	20200728	Sunny	Moderate	Mid-Flood	B	3.9	12:40	6.39	8.15	32.07	31.43	3.07	5	-	-	-
B3	20200728	Sunny	Moderate	Mid-Flood	S	1	12:41	7.02	8.53	32.15	31.46	1.67	4	-	-	-
B3	20200728	Sunny	Moderate	Mid-Flood	S	1	12:41	7.15	8.17	31.89	31.58	1.89	3	-	-	-
B4	20200728	Sunny	Moderate	Mid-Flood	B	4.2	12:31	6.45	8.44	32.12	31.41	2.25	6	-	-	-
B4	20200728	Sunny	Moderate	Mid-Flood	B	4.2	12:31	6.41	8.38	32.21	31.53	2.33	7	-	-	-
B4	20200728	Sunny	Moderate	Mid-Flood	S	1	12:32	6.38	8.43	31.65	31.54	2.43	7	-	-	-
B4	20200728	Sunny	Moderate	Mid-Flood	S	1	12:32	6.46	8.12	31.85	31.44	1.99	6	-	-	-
C1A	20200728	Sunny	Moderate	Mid-Flood	B	9.5	12:34	6.97	8.4	31.88	31.5	2.55	10	-	-	-
C1A	20200728	Sunny	Moderate	Mid-Flood	B	9.5	12:34	6.84	8.17	31.97	31.42	2.59	9	-	-	-
C1A	20200728	Sunny	Moderate	Mid-Flood	M	5.25	12:35	7.13	8.21	32.13	31.5	2.24	8	-	-	-
C1A	20200728	Sunny	Moderate	Mid-Flood	M	5.25	12:35	6.3	8.53	32.05	31.48	2.51	8	-	-	-
C1A	20200728	Sunny	Moderate	Mid-Flood	S	1	12:36	6.99	8.12	31.91	31.5	2.47	6	-	-	-
C1A	20200728	Sunny	Moderate	Mid-Flood	S	1	12:36	6.73	8.17	32.22	31.43	2.21	5	-	-	-
C2A	20200728	Sunny	Moderate	Mid-Flood	B	10.9	11:30	6.68	8.36	31.85	31.33	2.28	6	-	-	-
C2A	20200728	Sunny	Moderate	Mid-Flood	B	10.9	11:30	6.55	8.1	32.05	31.33	2.41	5	-	-	-

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 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20200728	Sunny	Moderate	Mid-Flood	M	5.95	11:31	6.41	8.24	31.73	31.33	2.54	7	-	-	-
C2A	20200728	Sunny	Moderate	Mid-Flood	M	5.95	11:31	7.13	8.22	31.99	31.38	2.76	6	-	-	-
C2A	20200728	Sunny	Moderate	Mid-Flood	S	1	11:32	6.69	8.41	31.66	31.29	1.6	8	-	-	-
C2A	20200728	Sunny	Moderate	Mid-Flood	S	1	11:32	6.95	8.15	31.77	31.47	1.96	9	-	-	-
CR1	20200728	Sunny	Moderate	Mid-Flood	B	11.3	11:59	6.61	8.2	31.96	31.45	2.97	9	-	-	-
CR1	20200728	Sunny	Moderate	Mid-Flood	B	11.3	11:59	7.15	8.1	31.69	31.54	3.08	8	-	-	-
CR1	20200728	Sunny	Moderate	Mid-Flood	M	6.15	12:00	6.73	8.33	31.92	31.51	2	6	-	-	-
CR1	20200728	Sunny	Moderate	Mid-Flood	M	6.15	12:00	6.6	8.42	32.04	31.34	2.3	7	-	-	-
CR1	20200728	Sunny	Moderate	Mid-Flood	S	1	12:01	7.07	8.51	32.18	31.51	2.71	5	-	-	-
CR1	20200728	Sunny	Moderate	Mid-Flood	S	1	12:01	6.78	8.49	32.2	31.36	2.37	5	-	-	-
CR2	20200728	Sunny	Moderate	Mid-Flood	B	10.5	12:14	6.88	8.42	31.91	31.52	3.04	5	-	-	-
CR2	20200728	Sunny	Moderate	Mid-Flood	B	10.5	12:14	6.3	8.16	32.06	31.52	3.06	6	-	-	-
CR2	20200728	Sunny	Moderate	Mid-Flood	M	5.75	12:15	6.53	8.34	31.88	31.56	2.01	6	-	-	-
CR2	20200728	Sunny	Moderate	Mid-Flood	M	5.75	12:15	6.58	8.26	31.7	31.49	2.23	4	-	-	-
CR2	20200728	Sunny	Moderate	Mid-Flood	S	1	12:16	6.51	8.15	31.65	31.44	2.61	5	-	-	-
CR2	20200728	Sunny	Moderate	Mid-Flood	S	1	12:16	6.35	8.33	31.71	31.4	2.49	6	-	-	-
F1A	20200728	Sunny	Moderate	Mid-Flood	B	7.8	12:07	7.03	8.13	31.71	31.37	3.14	11	-	-	-
F1A	20200728	Sunny	Moderate	Mid-Flood	B	7.8	12:07	7.11	8.41	32.09	31.46	3.15	10	-	-	-
F1A	20200728	Sunny	Moderate	Mid-Flood	M	4.4	12:08	6.79	8.17	32.19	31.5	1.8	9	-	-	-
F1A	20200728	Sunny	Moderate	Mid-Flood	M	4.4	12:08	7.11	8.44	31.79	31.48	1.79	10	-	-	-
F1A	20200728	Sunny	Moderate	Mid-Flood	S	1	12:09	6.59	8.45	31.81	31.36	2.66	7	-	-	-
F1A	20200728	Sunny	Moderate	Mid-Flood	S	1	12:09	6.94	8.11	31.87	31.44	2.46	8	-	-	-
H1	20200728	Sunny	Moderate	Mid-Flood	B	7.3	12:59	7.03	8.3	31.81	31.59	2.98	6	-	-	-
H1	20200728	Sunny	Moderate	Mid-Flood	B	7.3	12:59	6.39	8.4	32.12	31.6	2.88	7	-	-	-
H1	20200728	Sunny	Moderate	Mid-Flood	M	4.15	13:00	7.01	8.17	32.21	31.58	2.57	6	-	-	-
H1	20200728	Sunny	Moderate	Mid-Flood	M	4.15	13:00	6.8	8.12	31.89	31.69	2.88	5	-	-	-
H1	20200728	Sunny	Moderate	Mid-Flood	S	1	13:01	6.31	8.4	32	31.67	2.13	6	-	-	-
H1	20200728	Sunny	Moderate	Mid-Flood	S	1	13:01	6.39	8.37	31.83	31.63	2.54	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 note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20200728	Sunny	Moderate	Mid-Flood	B	6.5	11:46	6.96	8.5	31.69	31.4	2.87	4	-	-	-
M1	20200728	Sunny	Moderate	Mid-Flood	B	6.5	11:46	6.5	8.14	31.89	31.25	2.33	5	-	-	-
M1	20200728	Sunny	Moderate	Mid-Flood	M	3.75	11:47	6.56	8.26	31.77	31.43	2.84	6	-	-	-
M1	20200728	Sunny	Moderate	Mid-Flood	M	3.75	11:47	6.93	8.48	32.04	31.45	2.79	6	-	-	-
M1	20200728	Sunny	Moderate	Mid-Flood	S	1	11:48	6.49	8.32	31.95	31.28	1.71	7	-	-	-
M1	20200728	Sunny	Moderate	Mid-Flood	S	1	11:48	6.69	8.15	32.06	31.36	1.81	6	-	-	-
B1	20200728	Sunny	Moderate	Mid-Ebb	B	3.7	17:04	6.51	8.45	31.56	31.49	2.45	6	-	-	-
B1	20200728	Sunny	Moderate	Mid-Ebb	B	3.7	17:04	6.31	8.51	31.75	31.54	2.95	5	-	-	-
B1	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:05	7.01	8.3	31.47	31.37	2.3	3	-	-	-
B1	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:05	6.27	8.23	31.79	31.35	2.81	4	-	-	-
B2	20200728	Sunny	Moderate	Mid-Ebb	B	4.8	16:47	6.24	8.43	31.66	31.41	3.3	4	-	-	-
B2	20200728	Sunny	Moderate	Mid-Ebb	B	4.8	16:47	6.67	8.52	31.68	31.62	2.94	4	-	-	-
B2	20200728	Sunny	Moderate	Mid-Ebb	S	1	16:48	6.45	8.4	31.39	31.4	2.13	5	-	-	-
B2	20200728	Sunny	Moderate	Mid-Ebb	S	1	16:48	6.8	8.38	31.7	31.36	2.5	6	-	-	-
B3	20200728	Sunny	Moderate	Mid-Ebb	B	4.4	17:01	7.2	8.2	31.55	31.57	3.26	6	-	-	-
B3	20200728	Sunny	Moderate	Mid-Ebb	B	4.4	17:01	6.75	8.31	31.47	31.7	3.24	5	-	-	-
B3	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:02	7.17	8.19	31.9	31.59	2.87	4	-	-	-
B3	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:02	6.62	8.31	31.44	31.4	2.33	4	-	-	-
B4	20200728	Sunny	Moderate	Mid-Ebb	B	3.7	17:10	6.76	8.39	31.72	31.57	2.84	8	-	-	-
B4	20200728	Sunny	Moderate	Mid-Ebb	B	3.7	17:10	6.75	8.27	31.68	31.56	3.04	8	-	-	-
B4	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:11	6.74	8.32	31.91	31.62	2.06	7	-	-	-
B4	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:11	6.15	8.53	31.35	31.48	2.36	7	-	-	-
C1A	20200728	Sunny	Moderate	Mid-Ebb	B	9.6	16:37	6.26	8.49	31.48	31.53	3.27	7	-	-	-
C1A	20200728	Sunny	Moderate	Mid-Ebb	B	9.6	16:37	6.19	8.44	31.37	31.48	2.73	7	-	-	-
C1A	20200728	Sunny	Moderate	Mid-Ebb	M	5.3	16:38	6.55	8.47	31.7	31.56	2.43	7	-	-	-
C1A	20200728	Sunny	Moderate	Mid-Ebb	M	5.3	16:38	6.41	8.53	31.72	31.66	2.92	7	-	-	-
C1A	20200728	Sunny	Moderate	Mid-Ebb	S	1	16:39	6.83	8.49	31.32	31.72	2.11	5	-	-	-
C1A	20200728	Sunny	Moderate	Mid-Ebb	S	1	16:39	7.15	8.23	31.34	31.4	2.31	4	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20200728	Sunny	Moderate	Mid-Ebb	B	10.4	18:15	6.28	8.4	31.69	31.42	2.89	10	-	-	-
C2A	20200728	Sunny	Moderate	Mid-Ebb	B	10.4	18:15	6.29	8.53	31.49	31.22	3.37	11	-	-	-
C2A	20200728	Sunny	Moderate	Mid-Ebb	M	5.7	18:16	6.24	8.3	31.59	31.49	2.93	9	-	-	-
C2A	20200728	Sunny	Moderate	Mid-Ebb	M	5.7	18:16	7.03	8.37	31.37	31.36	2.37	8	-	-	-
C2A	20200728	Sunny	Moderate	Mid-Ebb	S	1	18:17	6.61	8.54	31.9	31.15	2.22	7	-	-	-
C2A	20200728	Sunny	Moderate	Mid-Ebb	S	1	18:17	6.49	8.27	31.47	31.29	1.99	7	-	-	-
CR1	20200728	Sunny	Moderate	Mid-Ebb	B	12.4	17:57	6.35	8.21	31.62	31.43	2.89	7	-	-	-
CR1	20200728	Sunny	Moderate	Mid-Ebb	B	12.4	17:57	7.05	8.28	31.48	31.25	2.83	6	-	-	-
CR1	20200728	Sunny	Moderate	Mid-Ebb	M	6.7	17:58	6.43	8.19	31.72	31.23	2.24	8	-	-	-
CR1	20200728	Sunny	Moderate	Mid-Ebb	M	6.7	17:58	6.28	8.49	31.91	31.35	2.7	7	-	-	-
CR1	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:59	6.28	8.51	31.97	31.27	1.78	10	-	-	-
CR1	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:59	6.35	8.3	31.52	31.27	2.09	9	-	-	-
CR2	20200728	Sunny	Moderate	Mid-Ebb	B	11.1	17:44	7.16	8.32	31.63	31.55	2.54	4	-	-	-
CR2	20200728	Sunny	Moderate	Mid-Ebb	B	11.1	17:44	6.57	8.47	31.43	31.24	2.41	3	-	-	-
CR2	20200728	Sunny	Moderate	Mid-Ebb	M	6.05	17:45	6.44	8.48	31.94	31.39	2.96	5	-	-	-
CR2	20200728	Sunny	Moderate	Mid-Ebb	M	6.05	17:45	6.91	8.47	31.92	31.45	2.38	6	-	-	-
CR2	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:46	6.46	8.42	31.45	31.46	2.39	8	-	-	-
CR2	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:46	6.32	8.24	31.82	31.6	2.86	7	-	-	-
F1A	20200728	Sunny	Moderate	Mid-Ebb	B	7.6	17:27	6.82	8.29	31.72	31.49	3.21	9	-	-	-
F1A	20200728	Sunny	Moderate	Mid-Ebb	B	7.6	17:27	6.68	8.34	31.36	31.46	2.78	8	-	-	-
F1A	20200728	Sunny	Moderate	Mid-Ebb	M	4.3	17:28	6.59	8.3	31.76	31.35	2.52	8	-	-	-
F1A	20200728	Sunny	Moderate	Mid-Ebb	M	4.3	17:28	6.61	8.42	31.73	31.27	2.56	7	-	-	-
F1A	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:29	6.21	8.39	31.68	31.29	2.78	7	-	-	-
F1A	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:29	6.7	8.31	31.54	31.52	2.58	7	-	-	-
H1	20200728	Sunny	Moderate	Mid-Ebb	B	7.4	16:53	6.99	8.27	31.34	31.55	2.52	8	-	-	-
H1	20200728	Sunny	Moderate	Mid-Ebb	B	7.4	16:53	7.04	8.29	31.56	31.37	2.76	8	-	-	-
H1	20200728	Sunny	Moderate	Mid-Ebb	M	4.2	16:54	6.58	8.18	31.33	31.36	2.28	5	-	-	-
H1	20200728	Sunny	Moderate	Mid-Ebb	M	4.2	16:54	6.6	8.2	31.67	31.58	1.86	6	-	-	-

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 note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200728	Sunny	Moderate	Mid-Ebb	S	1	16:55	6.36	8.23	31.75	31.53	2.33	5	-	-	-
H1	20200728	Sunny	Moderate	Mid-Ebb	S	1	16:55	6.62	8.21	31.55	31.34	2.84	4	-	-	-
M1	20200728	Sunny	Moderate	Mid-Ebb	B	8.9	17:45	6.76	8.24	31.87	31.34	2.61	6	-	-	-
M1	20200728	Sunny	Moderate	Mid-Ebb	B	8.9	17:45	6.98	8.46	31.42	31.22	2.36	4	-	-	-
M1	20200728	Sunny	Moderate	Mid-Ebb	M	4.95	17:46	6.67	8.21	31.69	31.42	2.27	6	-	-	-
M1	20200728	Sunny	Moderate	Mid-Ebb	M	4.95	17:46	6.67	8.54	31.92	31.49	2.71	6	-	-	-
M1	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:47	6.99	8.2	31.84	31.61	2.62	8	-	-	-
M1	20200728	Sunny	Moderate	Mid-Ebb	S	1	17:47	6.57	8.51	31.59	31.19	2.43	9	-	-	-
B1	20200730	Sunny	Moderate	Mid-Ebb	B	3.6	9:15	6.83	8.21	31.86	29.42	3.03	5	-	-	-
B1	20200730	Sunny	Moderate	Mid-Ebb	B	3.6	9:15	6.31	8.54	31.95	29.48	2.58	4	-	-	-
B1	20200730	Sunny	Moderate	Mid-Ebb	S	1	9:16	6.38	8.39	31.92	29.54	3.03	6	-	-	-
B1	20200730	Sunny	Moderate	Mid-Ebb	S	1	9:16	6.84	8.44	31.59	29.61	2.49	5	-	-	-
B2	20200730	Sunny	Moderate	Mid-Ebb	B	4.7	9:31	6.5	8.47	31.79	29.44	3.01	4	-	-	-
B2	20200730	Sunny	Moderate	Mid-Ebb	B	4.7	9:31	6.96	8.29	31.99	29.36	2.74	5	-	-	-
B2	20200730	Sunny	Moderate	Mid-Ebb	S	1	9:32	6.68	8.37	31.34	29.3	2.5	3	-	-	-
B2	20200730	Sunny	Moderate	Mid-Ebb	S	1	9:32	6.89	8.41	31.57	29.56	2.92	3	-	-	-
B3	20200730	Sunny	Moderate	Mid-Ebb	B	4.2	11:51	6.14	8.28	31.83	29.37	2.93	8	-	-	-
B3	20200730	Sunny	Moderate	Mid-Ebb	B	4.2	11:51	6.87	8.33	31.51	29.45	2.74	7	-	-	-
B3	20200730	Sunny	Moderate	Mid-Ebb	S	1	11:52	6.49	8.52	31.96	29.25	2.6	5	-	-	-
B3	20200730	Sunny	Moderate	Mid-Ebb	S	1	11:52	6.99	8.45	31.38	29.56	2.31	6	-	-	-
B4	20200730	Sunny	Moderate	Mid-Ebb	B	3.6	11:43	7.19	8.43	31.96	29.28	3.22	8	-	-	-
B4	20200730	Sunny	Moderate	Mid-Ebb	B	3.6	11:43	6.63	8.48	31.65	29.57	3.1	8	-	-	-
B4	20200730	Sunny	Moderate	Mid-Ebb	S	1	11:44	6.66	8.49	31.84	29.41	2.56	4	-	-	-
B4	20200730	Sunny	Moderate	Mid-Ebb	S	1	11:44	7.02	8.41	31.45	29.49	2.34	5	-	-	-
C1A	20200730	Sunny	Moderate	Mid-Ebb	B	10	8:49	7.18	8.33	31.92	29.32	2.58	6	-	-	-
C1A	20200730	Sunny	Moderate	Mid-Ebb	B	10	8:49	6.3	8.27	31.82	29.15	2.47	4	-	-	-
C1A	20200730	Sunny	Moderate	Mid-Ebb	M	5.5	8:50	7.03	8.43	31.76	29.23	3.07	4	-	-	-
C1A	20200730	Sunny	Moderate	Mid-Ebb	M	5.5	8:50	6.7	8.54	31.7	29.07	3.13	5	-	-	-

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20200730	Sunny	Moderate	Mid-Ebb	S	1	8:51	7.12	8.52	31.76	29.11	2.39	5	-	-	-
C1A	20200730	Sunny	Moderate	Mid-Ebb	S	1	8:51	7.11	8.37	31.35	29.36	2.15	4	-	-	-
C2A	20200730	Sunny	Moderate	Mid-Ebb	B	10.5	10:28	6.21	8.36	31.68	29.31	3.39	7	-	-	-
C2A	20200730	Sunny	Moderate	Mid-Ebb	B	10.5	10:28	6.13	8.39	31.48	29.24	3.15	6	-	-	-
C2A	20200730	Sunny	Moderate	Mid-Ebb	M	5.75	10:29	6.44	8.51	31.57	29.43	2.51	5	-	-	-
C2A	20200730	Sunny	Moderate	Mid-Ebb	M	5.75	10:29	6.89	8.54	31.4	29.52	2.57	6	-	-	-
C2A	20200730	Sunny	Moderate	Mid-Ebb	S	1	10:30	6.78	8.53	31.45	29.46	2.47	5	-	-	-
C2A	20200730	Sunny	Moderate	Mid-Ebb	S	1	10:30	6.25	8.34	31.78	29.3	2.42	4	-	-	-
CR1	20200730	Sunny	Moderate	Mid-Ebb	B	12	10:12	6.99	8.46	31.65	29.61	2.67	4	-	-	-
CR1	20200730	Sunny	Moderate	Mid-Ebb	B	12	10:12	6.96	8.27	31.69	29.25	2.48	5	-	-	-
CR1	20200730	Sunny	Moderate	Mid-Ebb	M	6.5	10:13	7.05	8.23	31.99	29.29	2.64	4	-	-	-
CR1	20200730	Sunny	Moderate	Mid-Ebb	M	6.5	10:13	6.87	8.28	31.53	29.48	2.76	3	-	-	-
CR1	20200730	Sunny	Moderate	Mid-Ebb	S	1.0	10:14	6.22	8.22	32.0	29.6	2.85	3	-	-	-
CR1	20200730	Sunny	Moderate	Mid-Ebb	S	1.0	10:14	6.84	8.46	31.6	29.6	2.51	4	-	-	-
CR2	20200730	Sunny	Moderate	Mid-Ebb	B	10.8	10:03	6.52	8.26	32.2	29.4	3.39	4	-	-	-
CR2	20200730	Sunny	Moderate	Mid-Ebb	B	10.8	10:03	6.57	8.28	32.0	29.2	3.54	4	-	-	-
CR2	20200730	Sunny	Moderate	Mid-Ebb	M	5.9	10:04	6.28	8.28	31.7	29.3	2.78	5	-	-	-
CR2	20200730	Sunny	Moderate	Mid-Ebb	M	5.9	10:04	6.48	8.25	31.6	29.4	2.38	4	-	-	-
CR2	20200730	Sunny	Moderate	Mid-Ebb	S	1.0	10:05	7.11	8.30	31.9	29.4	2.84	7	-	-	-
CR2	20200730	Sunny	Moderate	Mid-Ebb	S	1.0	10:05	6.96	8.23	32.2	29.5	3.41	6	-	-	-
F1A	20200730	Sunny	Moderate	Mid-Ebb	B	7.6	11:17	6.27	8.21	31.8	29.6	2.97	4	-	-	-
F1A	20200730	Sunny	Moderate	Mid-Ebb	B	7.6	11:17	6.31	8.46	32.0	29.5	2.75	4	-	-	-
F1A	20200730	Sunny	Moderate	Mid-Ebb	M	4.3	11:18	6.44	8.52	32.1	29.5	3.03	5	-	-	-
F1A	20200730	Sunny	Moderate	Mid-Ebb	M	4.3	11:18	7.04	8.38	31.5	29.6	2.5	6	-	-	-
F1A	20200730	Sunny	Moderate	Mid-Ebb	S	1.0	11:19	6.66	8.48	31.8	29.3	3.05	5	-	-	-
F1A	20200730	Sunny	Moderate	Mid-Ebb	S	1.0	11:19	6.34	8.30	31.8	29.3	2.74	6	-	-	-
H1	20200730	Sunny	Moderate	Mid-Ebb	B	7.3	09:51	7.07	8.21	32.1	29.6	2.82	8	-	-	-
H1	20200730	Sunny	Moderate	Mid-Ebb	B	7.3	09:51	6.3	8.53	32.1	29.5	2.91	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 note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200730	Sunny	Moderate	Mid-Ebb	M	4.2	09:52	6.7	8.48	31.7	29.5	2.45	6	-	-	-
H1	20200730	Sunny	Moderate	Mid-Ebb	M	4.2	09:52	6.23	8.27	31.6	29.4	3.04	7	-	-	-
H1	20200730	Sunny	Moderate	Mid-Ebb	S	1.0	09:53	7.17	8.31	31.6	29.4	2.72	6	-	-	-
H1	20200730	Sunny	Moderate	Mid-Ebb	S	1.0	09:53	6.74	8.51	32.0	29.5	2.75	5	-	-	-
M1	20200730	Sunny	Moderate	Mid-Ebb	B	8.0	10:52	7.15	8.42	31.3	29.6	3.57	4	-	-	-
M1	20200730	Sunny	Moderate	Mid-Ebb	B	8.0	10:52	7.04	8.38	31.4	29.4	3.47	5	-	-	-
M1	20200730	Sunny	Moderate	Mid-Ebb	M	4.5	10:53	6.27	8.40	32.0	29.3	3.06	5	-	-	-
M1	20200730	Sunny	Moderate	Mid-Ebb	M	4.5	10:53	6.34	8.27	31.4	29.5	3.39	4	-	-	-
M1	20200730	Sunny	Moderate	Mid-Ebb	S	1.0	10:54	6.25	8.21	31.9	29.6	2.69	5	-	-	-
M1	20200730	Sunny	Moderate	Mid-Ebb	S	1.0	10:54	6.78	8.43	31.5	29.3	2.83	6	-	-	-
B1	20200730	Sunny	Moderate	Mid-Flood	B	3.8	15:33	6.51	8.53	32.0	30.4	2.81	7	-	-	-
B1	20200730	Sunny	Moderate	Mid-Flood	B	3.8	15:33	6.59	8.47	32.5	30.5	2.69	8	-	-	-
B1	20200730	Sunny	Moderate	Mid-Flood	S	1.0	15:34	6.96	8.43	32.4	30.5	2.78	4	-	-	-
B1	20200730	Sunny	Moderate	Mid-Flood	S	1.0	15:34	6.66	8.38	32.0	30.5	2.68	5	-	-	-
B2	20200730	Sunny	Moderate	Mid-Flood	B	3.8	15:46	6.7	8.57	31.8	30.4	2.95	6	-	-	-
B2	20200730	Sunny	Moderate	Mid-Flood	B	3.8	15:46	6.25	8.55	31.9	30.2	3.41	5	-	-	-
B2	20200730	Sunny	Moderate	Mid-Flood	S	1.0	15:47	6.4	8.31	31.9	30.5	2.36	4	-	-	-
B2	20200730	Sunny	Moderate	Mid-Flood	S	1.0	15:47	6.68	8.35	32.2	30.0	2.92	4	-	-	-
B3	20200730	Sunny	Moderate	Mid-Flood	B	4.0	16:14	6.27	8.49	31.8	30.5	2.6	5	-	-	-
B3	20200730	Sunny	Moderate	Mid-Flood	B	4.0	16:14	6.51	8.30	32.1	30.3	2.92	6	-	-	-
B3	20200730	Sunny	Moderate	Mid-Flood	S	1.0	16:15	6.88	8.57	31.9	30.5	3.12	3	-	-	-
B3	20200730	Sunny	Moderate	Mid-Flood	S	1.0	16:15	6.24	8.49	32.2	30.3	3.04	4	-	-	-
B4	20200730	Sunny	Moderate	Mid-Flood	B	4.2	16:21	6.74	8.56	31.8	30.4	2.75	6	-	-	-
B4	20200730	Sunny	Moderate	Mid-Flood	B	4.2	16:21	6.42	8.52	32.1	30.3	3.18	5	-	-	-
B4	20200730	Sunny	Moderate	Mid-Flood	S	1.0	16:22	6.61	8.51	32.4	30.1	3.12	7	-	-	-
B4	20200730	Sunny	Moderate	Mid-Flood	S	1.0	16:22	6.91	8.35	31.8	30.4	3.04	6	-	-	-
C1A	20200730	Sunny	Moderate	Mid-Flood	B	9.2	15:09	6.91	8.64	32.5	30.3	3.21	5	-	-	-
C1A	20200730	Sunny	Moderate	Mid-Flood	B	9.2	15:09	6.65	8.42	31.9	30.1	2.87	4	-	-	-

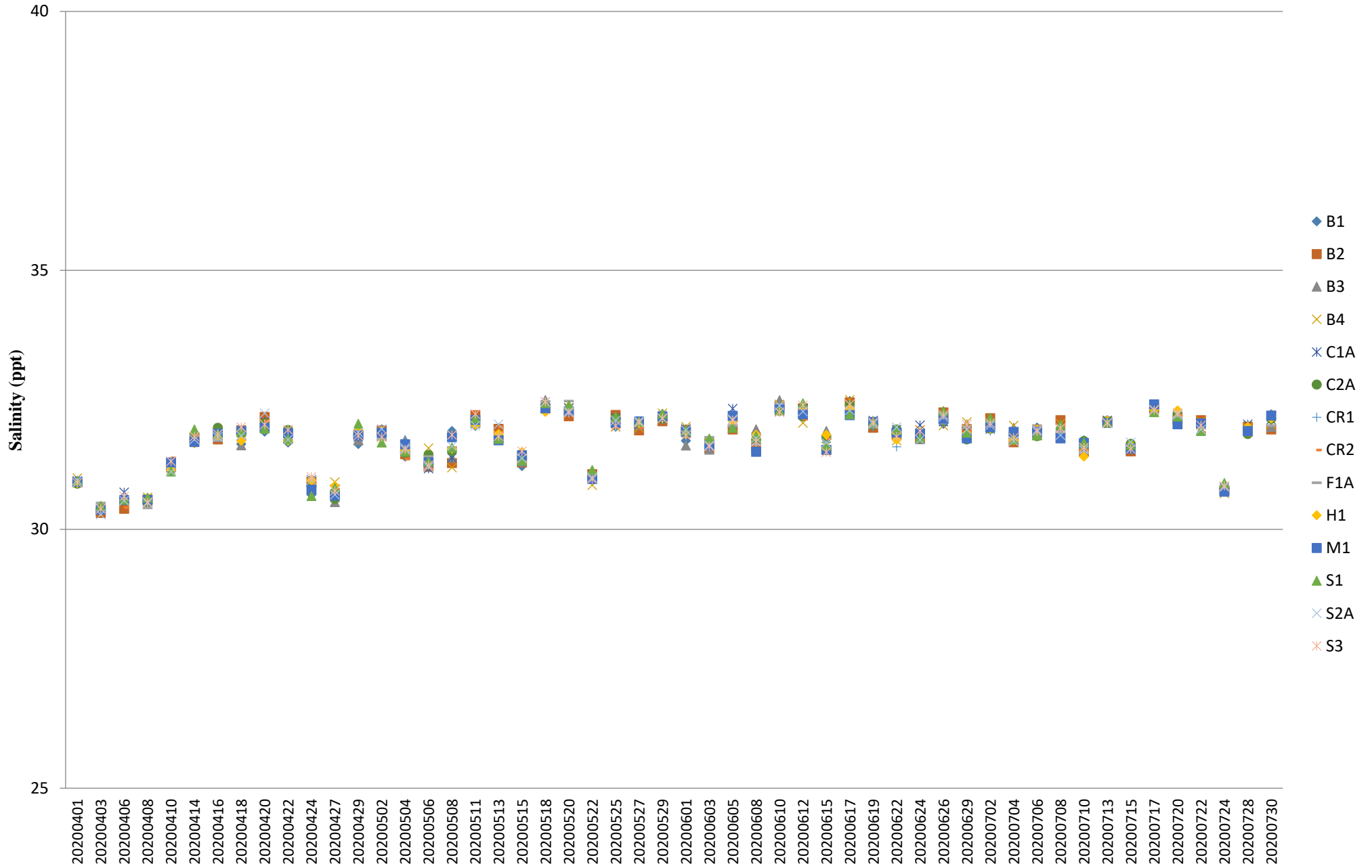
Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20200730	Sunny	Moderate	Mid-Flood	M	5.1	15:10	6.91	8.36	31.9	30.4	2.27	4	-	-	-
C1A	20200730	Sunny	Moderate	Mid-Flood	M	5.1	15:10	6.35	8.36	32.2	30.4	2.43	5	-	-	-
C1A	20200730	Sunny	Moderate	Mid-Flood	S	1.0	15:11	6.85	8.30	32.2	30.4	2.57	5	-	-	-
C1A	20200730	Sunny	Moderate	Mid-Flood	S	1.0	15:11	6.8	8.42	32.1	30.4	2.98	5	-	-	-
C2A	20200730	Sunny	Moderate	Mid-Flood	B	10.4	14:27	6.64	8.52	32.4	30.4	3	3	-	-	-
C2A	20200730	Sunny	Moderate	Mid-Flood	B	10.4	14:27	6.5	8.37	32.1	30.2	3.47	3	-	-	-
C2A	20200730	Sunny	Moderate	Mid-Flood	M	5.7	14:28	6.49	8.52	31.8	30.5	2.97	5	-	-	-
C2A	20200730	Sunny	Moderate	Mid-Flood	M	5.7	14:28	6.34	8.34	32.3	30.4	3.21	4	-	-	-
C2A	20200730	Sunny	Moderate	Mid-Flood	S	1.0	14:29	6.63	8.34	32.4	30.6	2.08	5	-	-	-
C2A	20200730	Sunny	Moderate	Mid-Flood	S	1.0	14:29	6.46	8.38	31.8	30.5	2.38	5	-	-	-
CR1	20200730	Sunny	Moderate	Mid-Flood	B	11.3	14:42	6.71	8.53	32.2	30.2	2.84	3	-	-	-
CR1	20200730	Sunny	Moderate	Mid-Flood	B	11.3	14:42	6.61	8.29	32.2	30.2	2.7	3	-	-	-
CR1	20200730	Sunny	Moderate	Mid-Flood	M	6.2	14:43	6.75	8.48	32.2	30.5	2.31	4	-	-	-
CR1	20200730	Sunny	Moderate	Mid-Flood	M	6.2	14:43	6.32	8.39	32.4	30.2	2.16	4	-	-	-
CR1	20200730	Sunny	Moderate	Mid-Flood	S	1.0	14:44	6.68	8.60	32.3	30.3	3.34	5	-	-	-
CR1	20200730	Sunny	Moderate	Mid-Flood	S	1.0	14:44	6.44	8.32	32.0	30.3	3	6	-	-	-
CR2	20200730	Sunny	Moderate	Mid-Flood	B	10.8	14:52	6.77	8.35	32.4	30.1	3.28	4	-	-	-
CR2	20200730	Sunny	Moderate	Mid-Flood	B	10.8	14:52	6.58	8.38	32.4	30.6	3.22	3	-	-	-
CR2	20200730	Sunny	Moderate	Mid-Flood	M	5.9	14:53	6.33	8.34	32.5	30.6	2.85	3	-	-	-
CR2	20200730	Sunny	Moderate	Mid-Flood	M	5.9	14:53	6.76	8.62	32.4	30.4	2.79	4	-	-	-
CR2	20200730	Sunny	Moderate	Mid-Flood	S	1.0	14:54	6.48	8.39	31.9	30.6	2.47	3	-	-	-
CR2	20200730	Sunny	Moderate	Mid-Flood	S	1.0	14:54	6.29	8.64	32.0	30.5	3	3	-	-	-
F1A	20200730	Sunny	Moderate	Mid-Flood	B	7.2	16:41	6.5	8.38	32.2	30.5	3.31	3	-	-	-
F1A	20200730	Sunny	Moderate	Mid-Flood	B	7.2	16:41	6.8	8.49	31.8	30.2	3.1	4	-	-	-
F1A	20200730	Sunny	Moderate	Mid-Flood	M	4.1	16:42	6.57	8.46	31.8	30.2	2.18	5	-	-	-
F1A	20200730	Sunny	Moderate	Mid-Flood	M	4.1	16:42	6.64	8.58	32.3	30.4	2.34	4	-	-	-
F1A	20200730	Sunny	Moderate	Mid-Flood	S	1.0	16:43	6.41	8.43	32.0	30.3	2.48	5	-	-	-
F1A	20200730	Sunny	Moderate	Mid-Flood	S	1.0	16:43	6.48	8.49	32.0	30.3	2.58	6	-	-	-

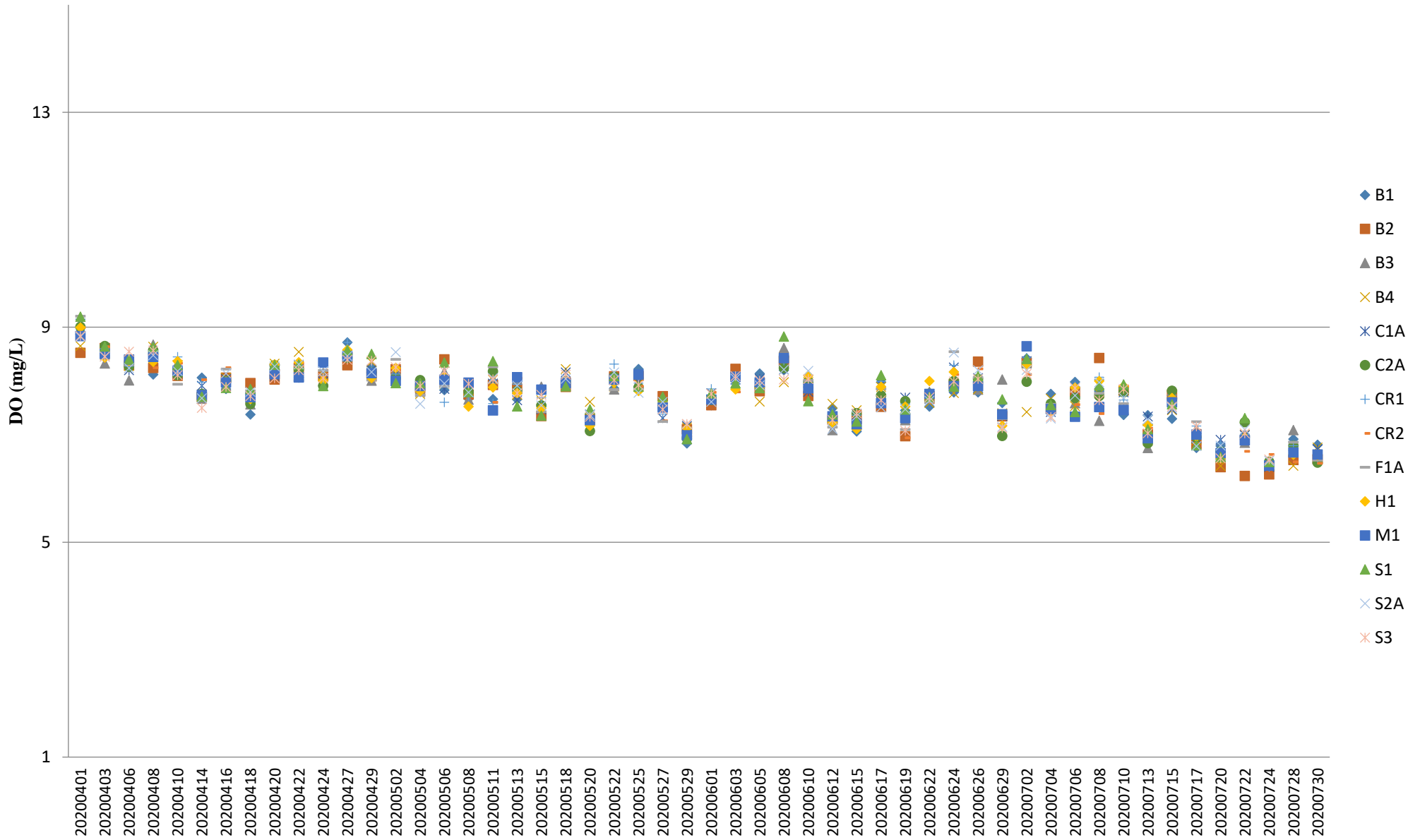
Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200730	Sunny	Moderate	Mid-Flood	B	7.1	16:05	6.95	8.51	32.1	30.4	3.47	3	-	-	-
H1	20200730	Sunny	Moderate	Mid-Flood	B	7.1	16:05	6.8	8.58	32.1	30.5	3.6	3	-	-	-
H1	20200730	Sunny	Moderate	Mid-Flood	M	4.1	16:06	6.86	8.51	32.3	30.4	2.62	3	-	-	-
H1	20200730	Sunny	Moderate	Mid-Flood	M	4.1	16:06	6.55	8.59	32.1	30.5	2.29	3	-	-	-
H1	20200730	Sunny	Moderate	Mid-Flood	S	1.0	16:07	6.4	8.41	32.4	30.3	2.69	4	-	-	-
H1	20200730	Sunny	Moderate	Mid-Flood	S	1.0	16:07	6.66	8.60	32.0	30.5	2.79	4	-	-	-
M1	20200730	Sunny	Moderate	Mid-Flood	B	6.7	17:05	6.49	8.30	32.1	30.3	3.11	6	-	-	-
M1	20200730	Sunny	Moderate	Mid-Flood	B	6.7	17:05	6.3	8.53	32.2	30.0	2.55	7	-	-	-
M1	20200730	Sunny	Moderate	Mid-Flood	M	3.9	17:06	6.91	8.45	32.4	30.1	3.08	6	-	-	-
M1	20200730	Sunny	Moderate	Mid-Flood	M	3.9	17:06	6.68	8.30	31.9	30.0	2.9	5	-	-	-
M1	20200730	Sunny	Moderate	Mid-Flood	S	1.0	17:07	6.26	8.35	32.1	30.1	3	5	-	-	-
M1	20200730	Sunny	Moderate	Mid-Flood	S	1.0	17:07	6.67	8.59	32.4	30.3	2.9	5	-	-	-
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.																

Salinity (Depth-averaged) during MID-FLOOD

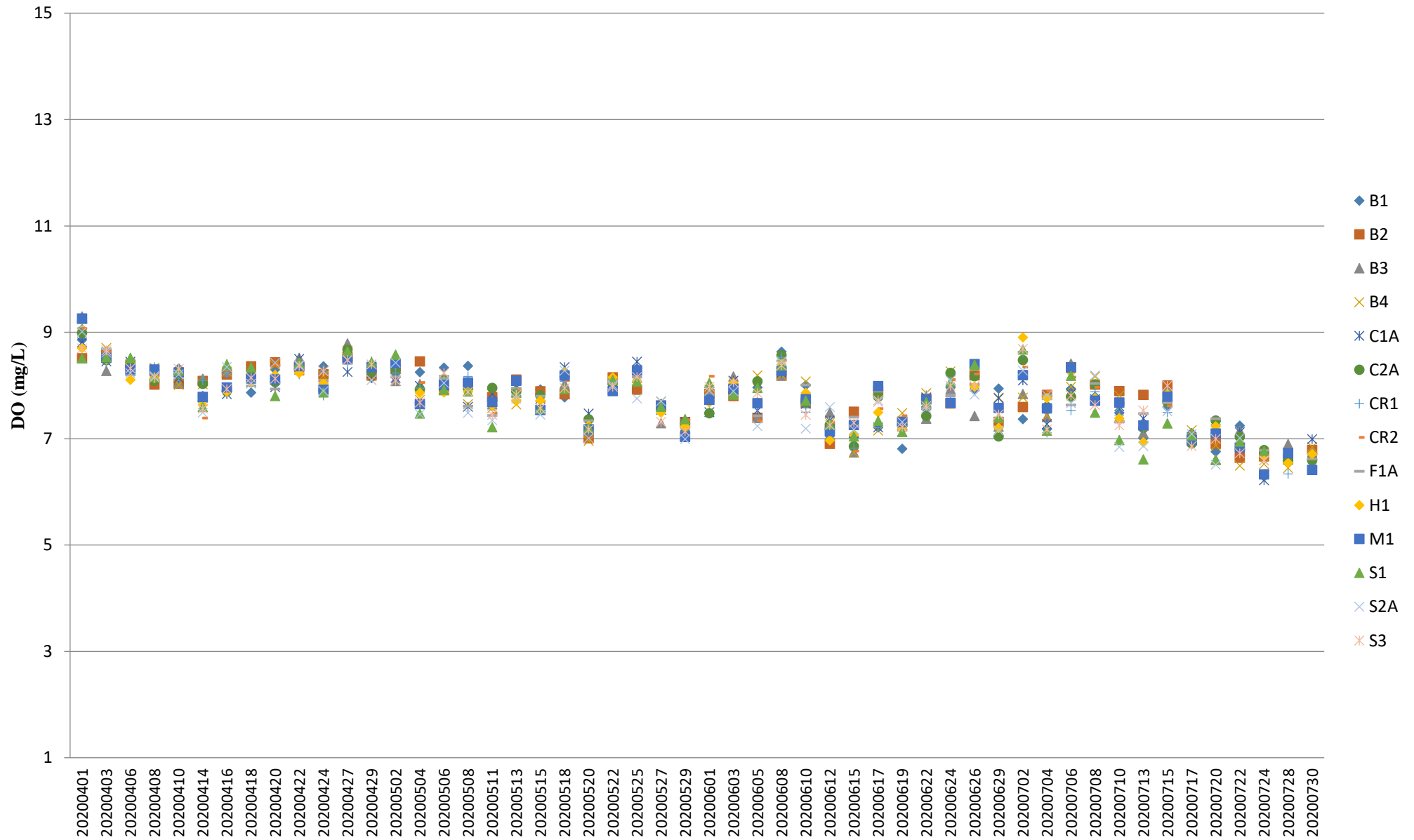


Dissolved Oxygen (Surface & Middle) during MID-FLOOD



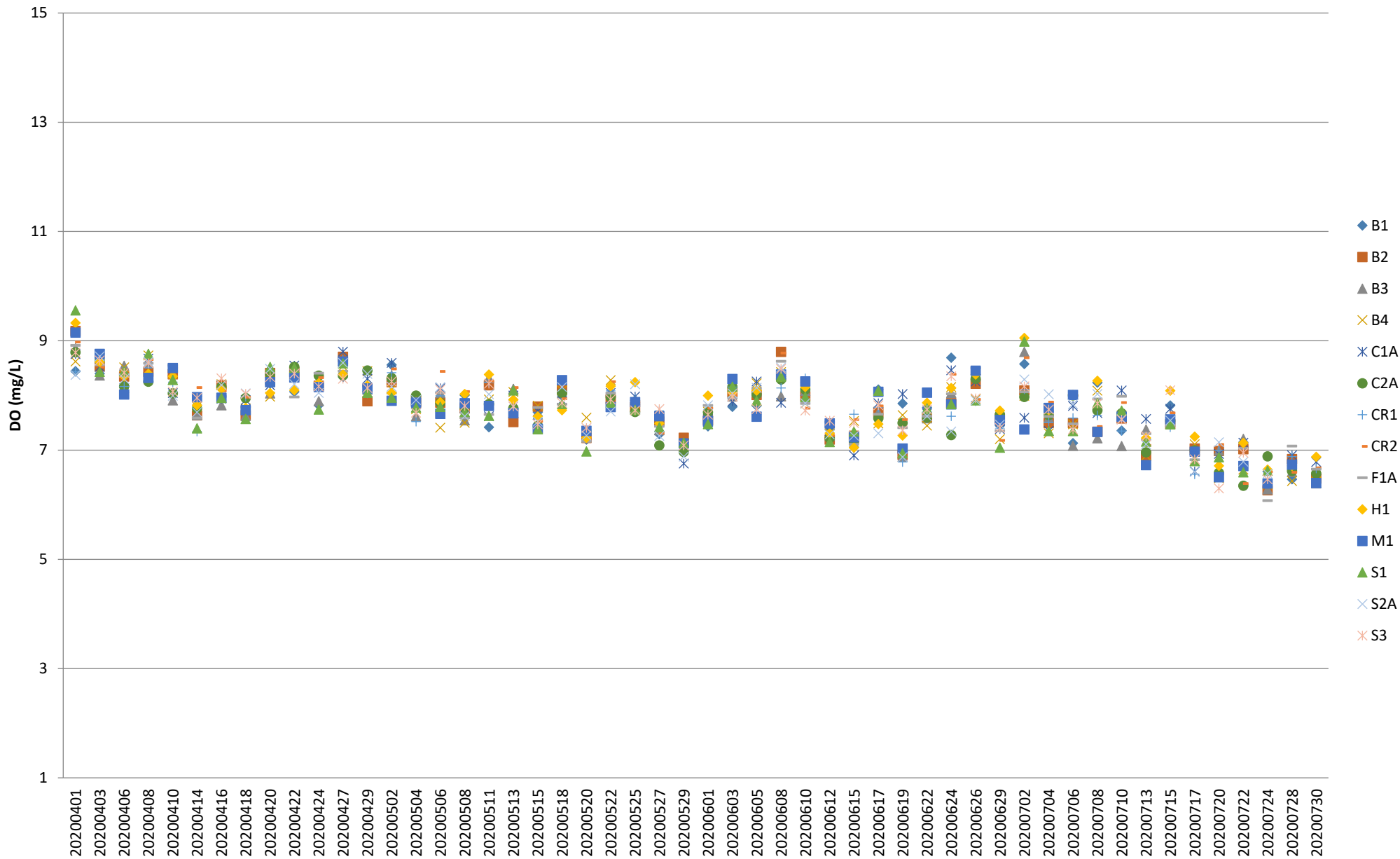
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.8** of the monthly EM&A report.

Dissolved Oxygen (Surface & Middle) during MID-EBB



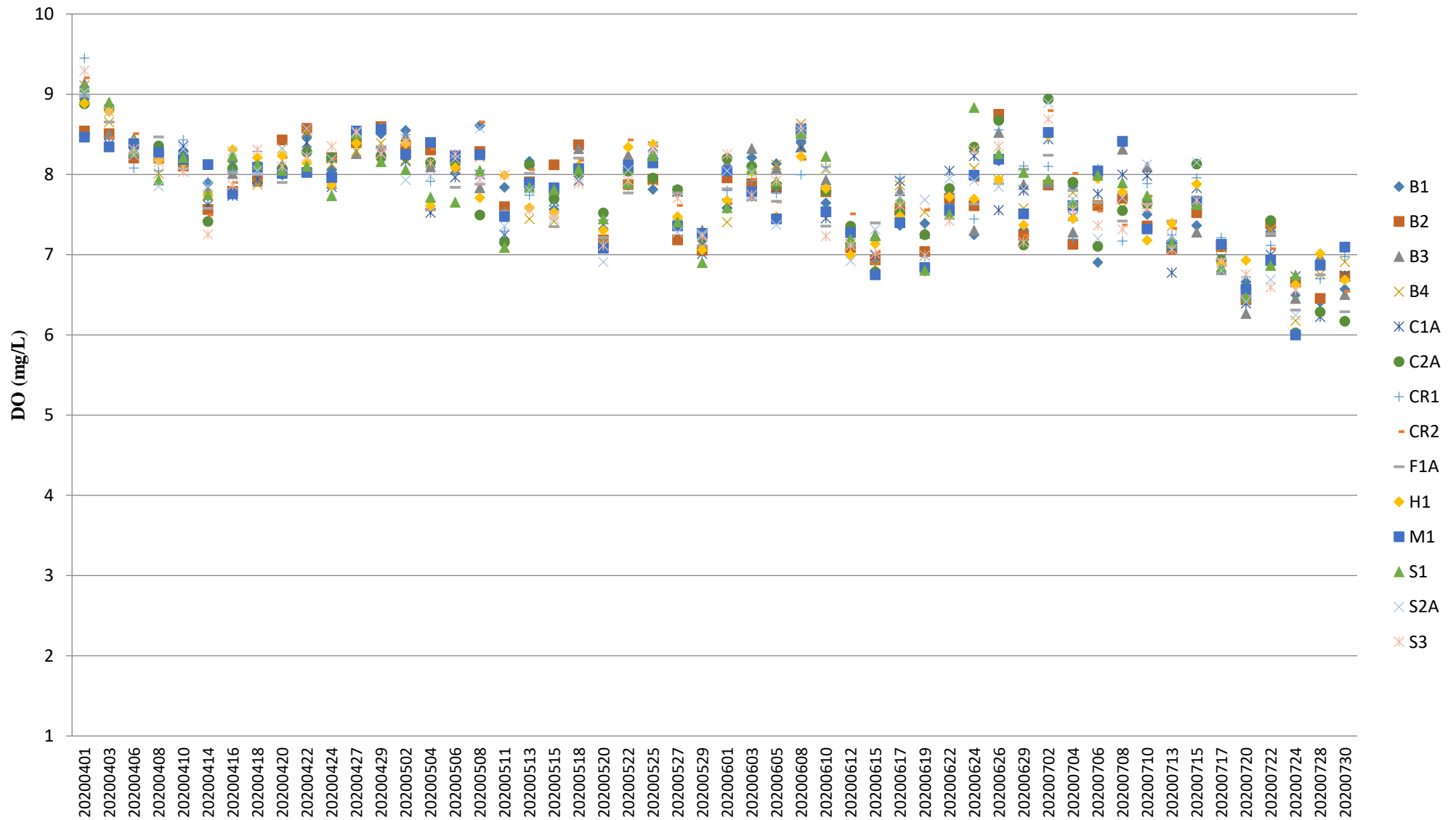
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.8** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-FLOOD



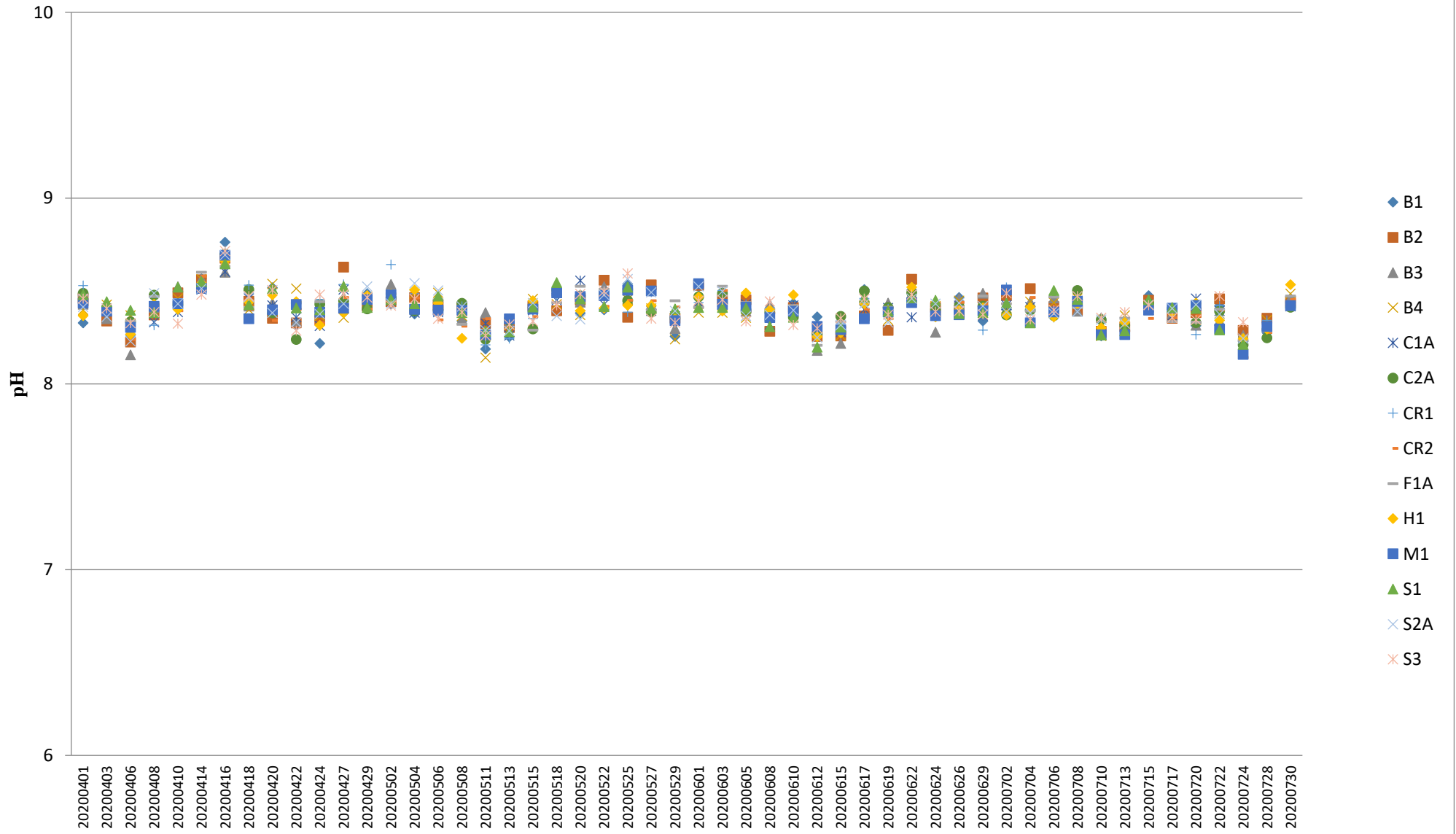
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.8** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-EBB

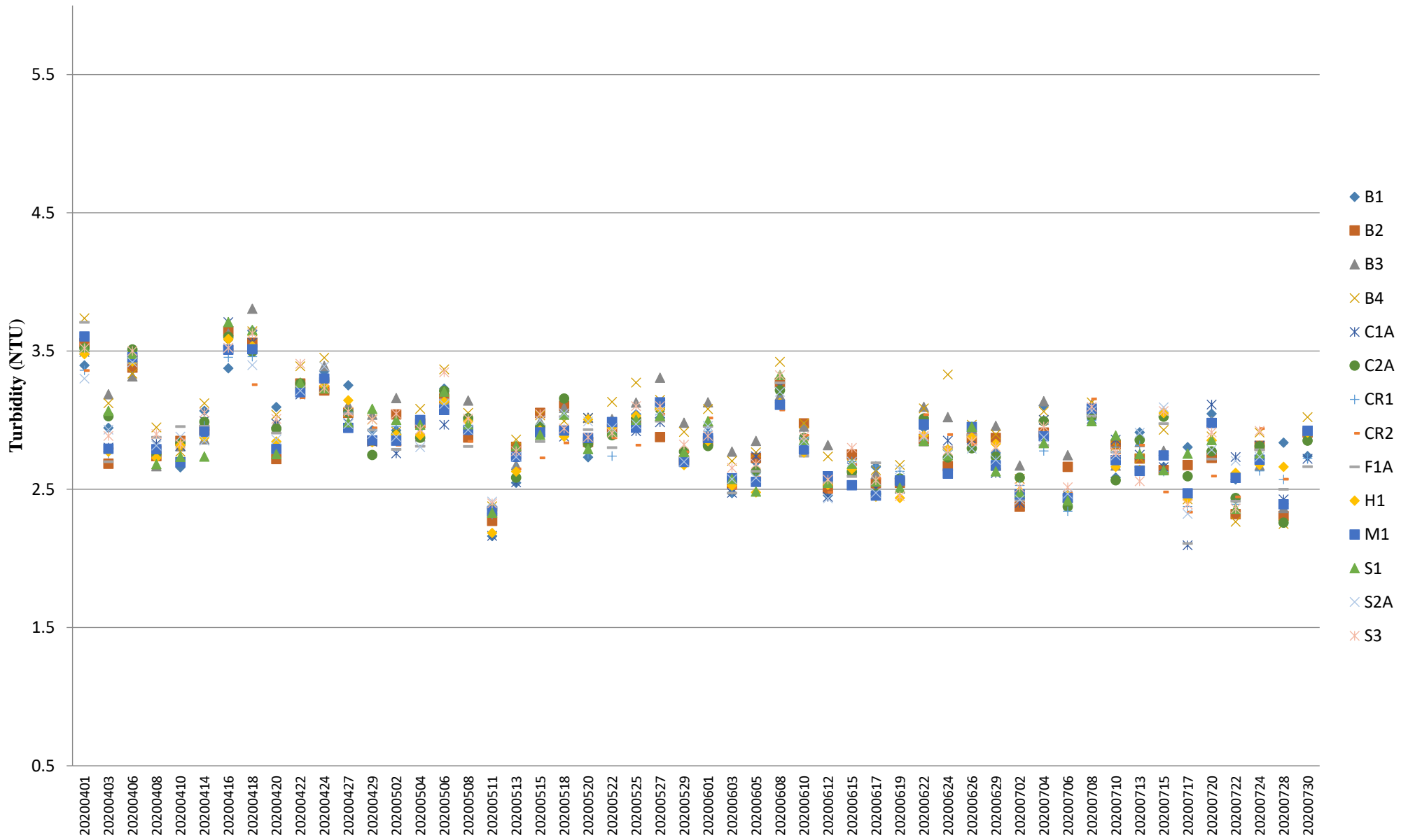


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.8** of the monthly EM&A report.

pH (Depth-averaged) during MID-FLOOD

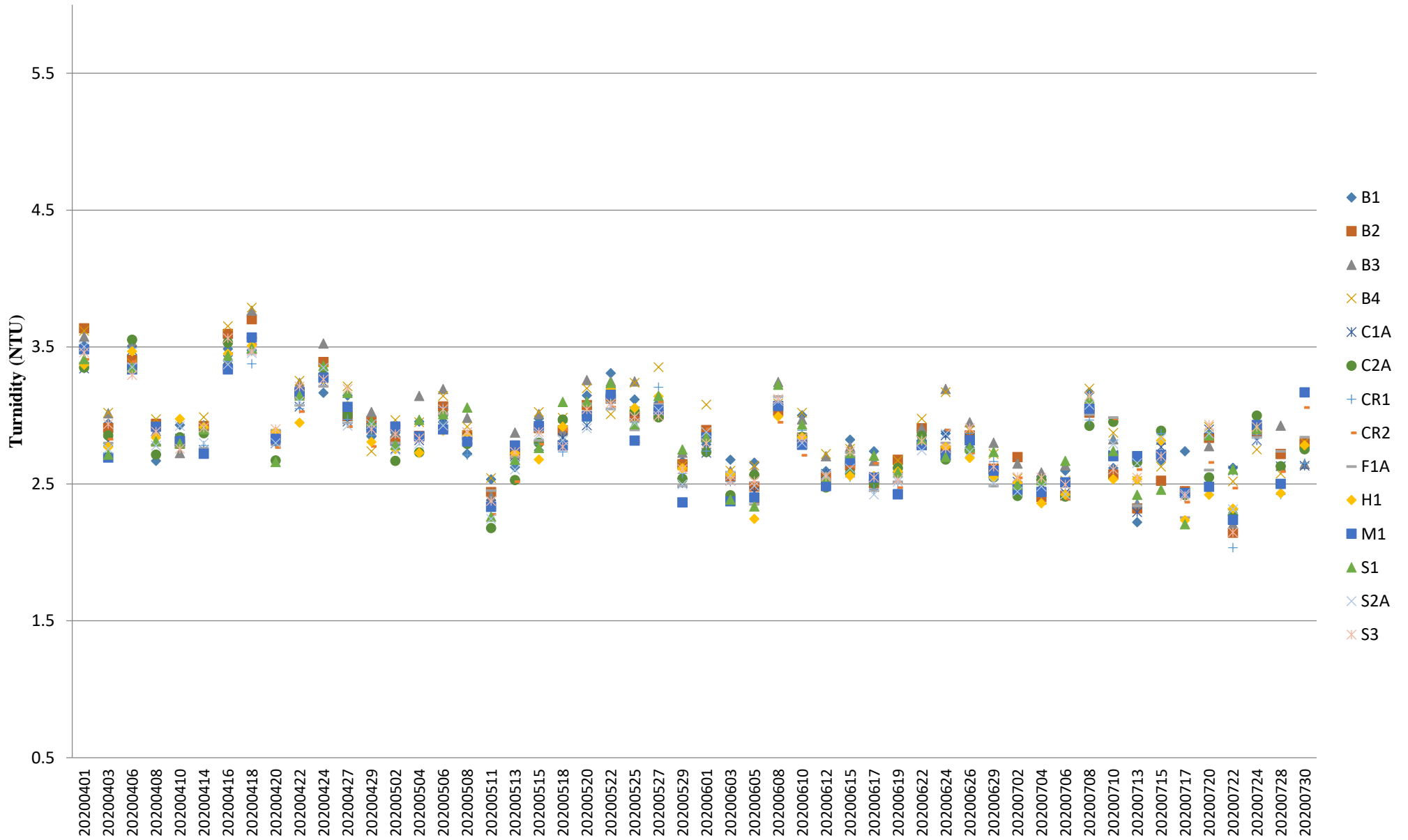


Turbidity (Depth-averaged) during MID-FLOOD



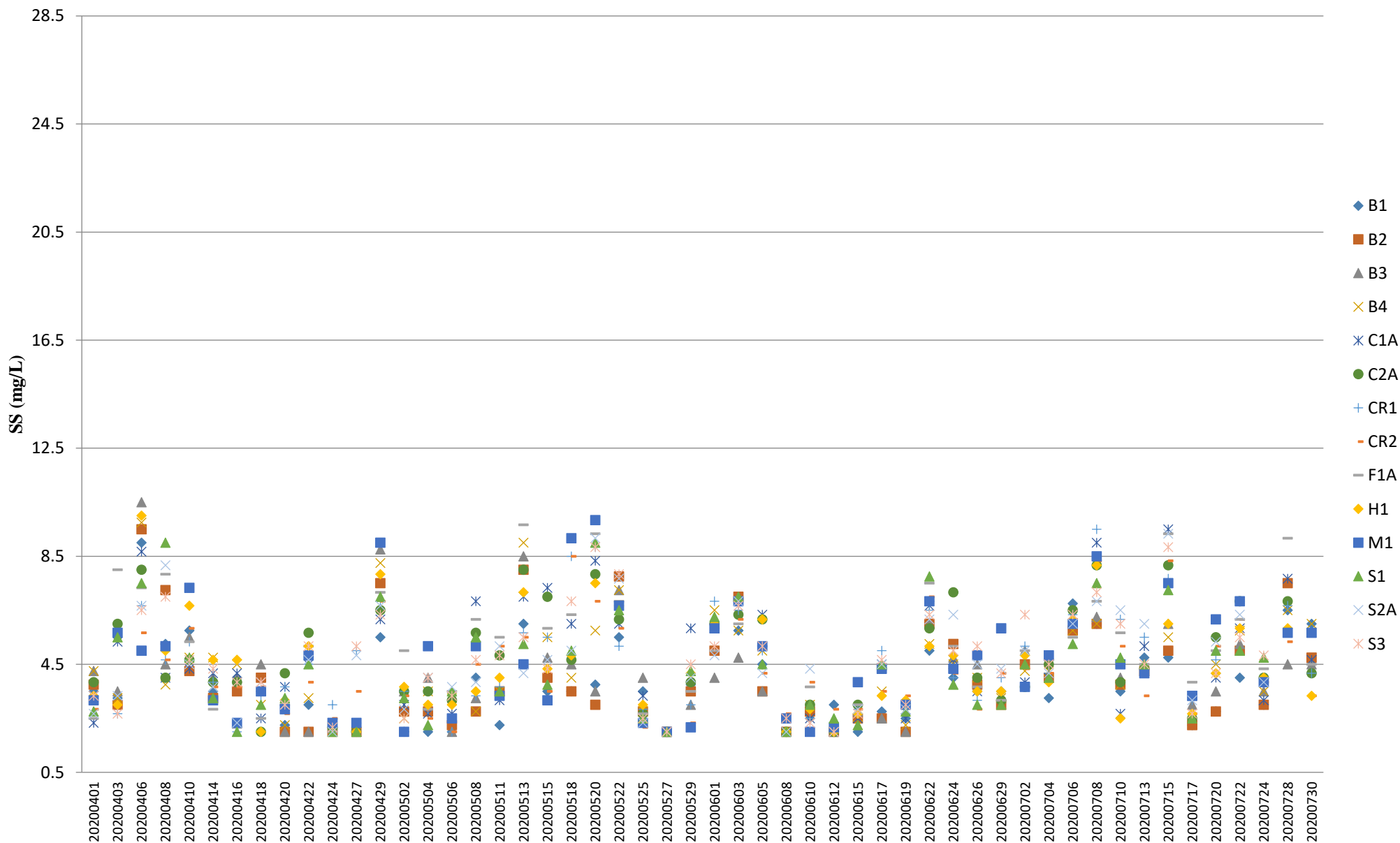
Note: The Action and Limit Level of turbidity can be referred to **Table 2.8** of the monthly EM&A report.

Turbidity (Depth-averaged) during MID-EBB



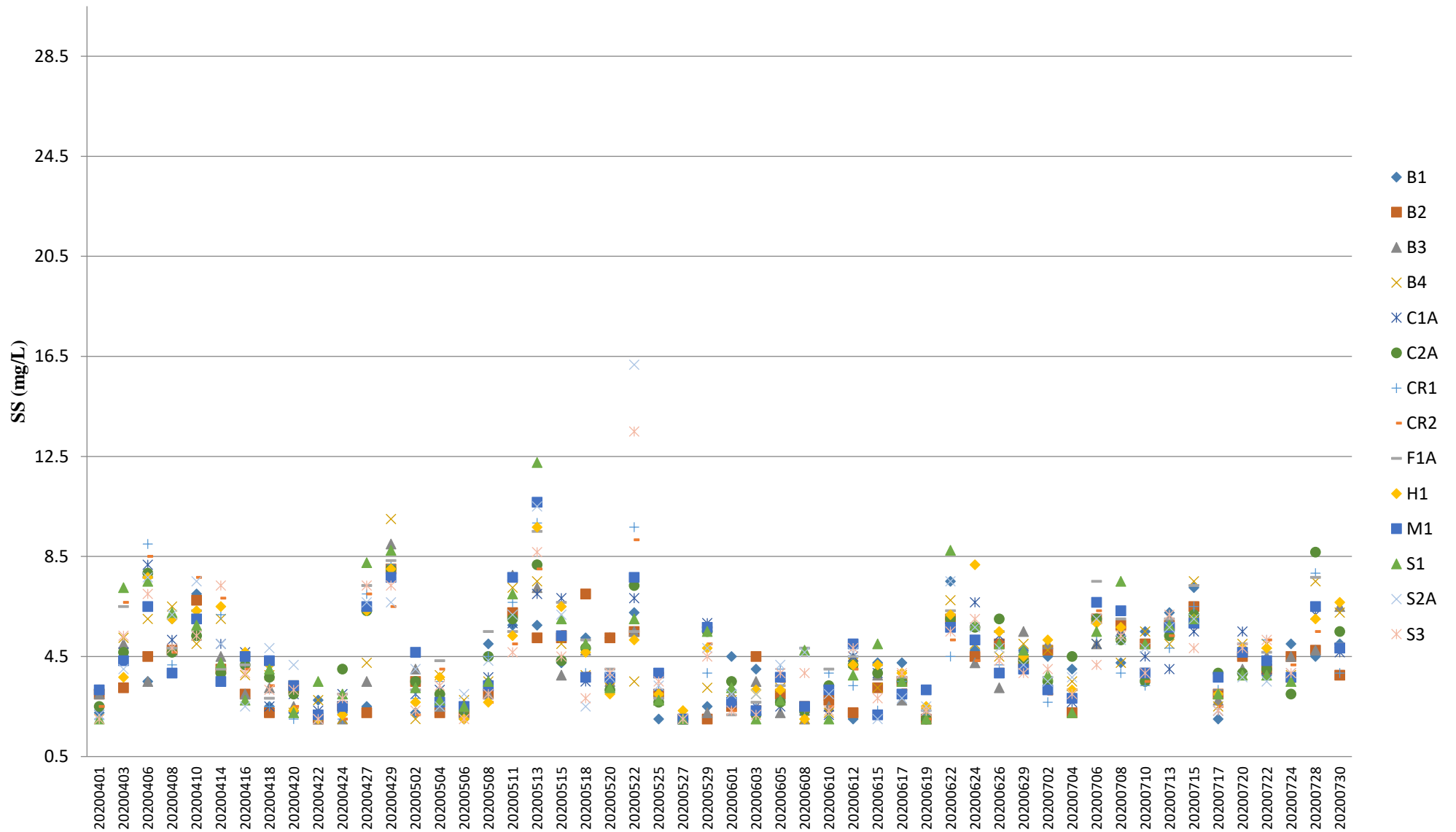
Note: The Action and Limit Level of turbidity can be referred to **Table 2.8** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-FLOOD



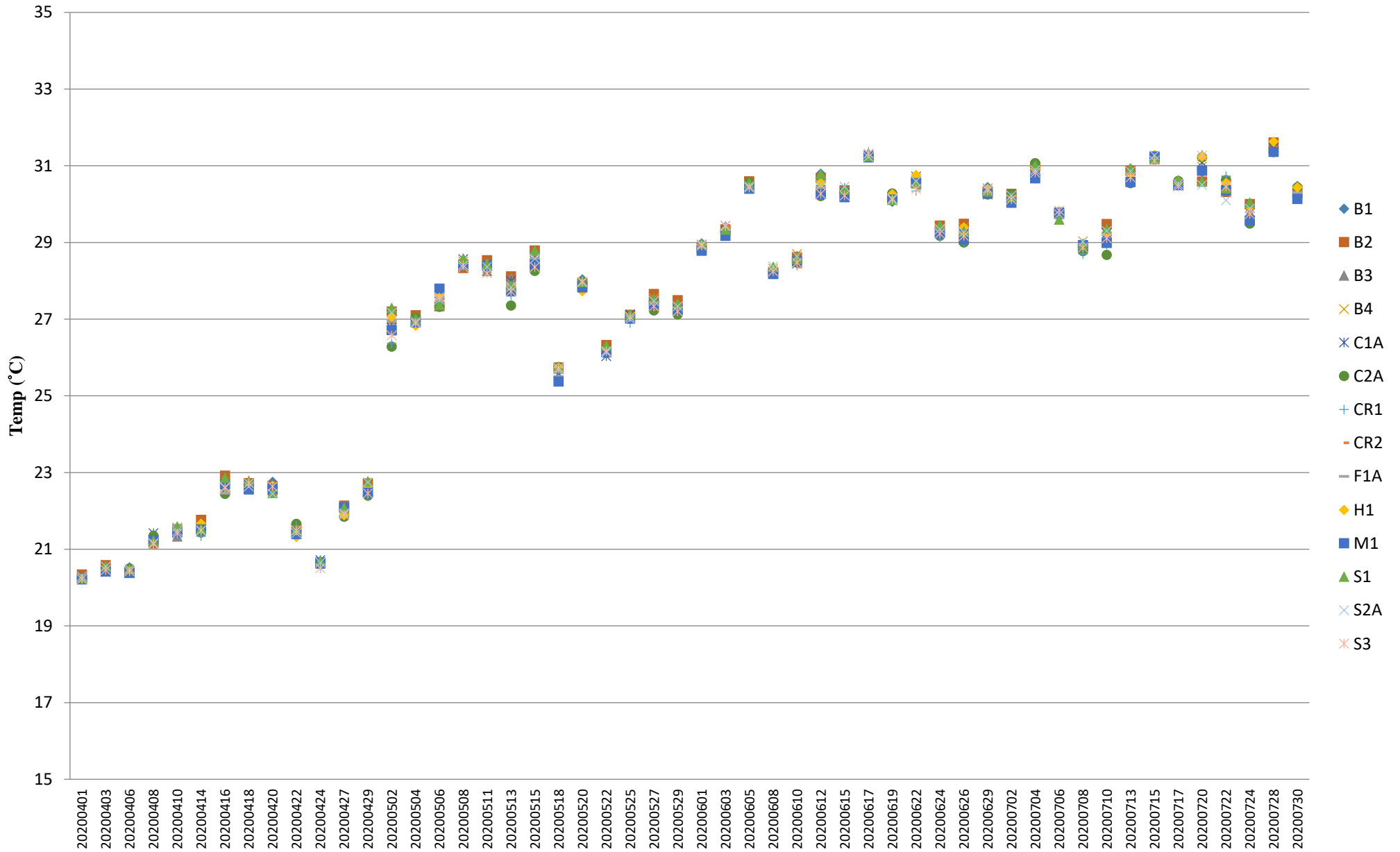
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.8** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-EBB



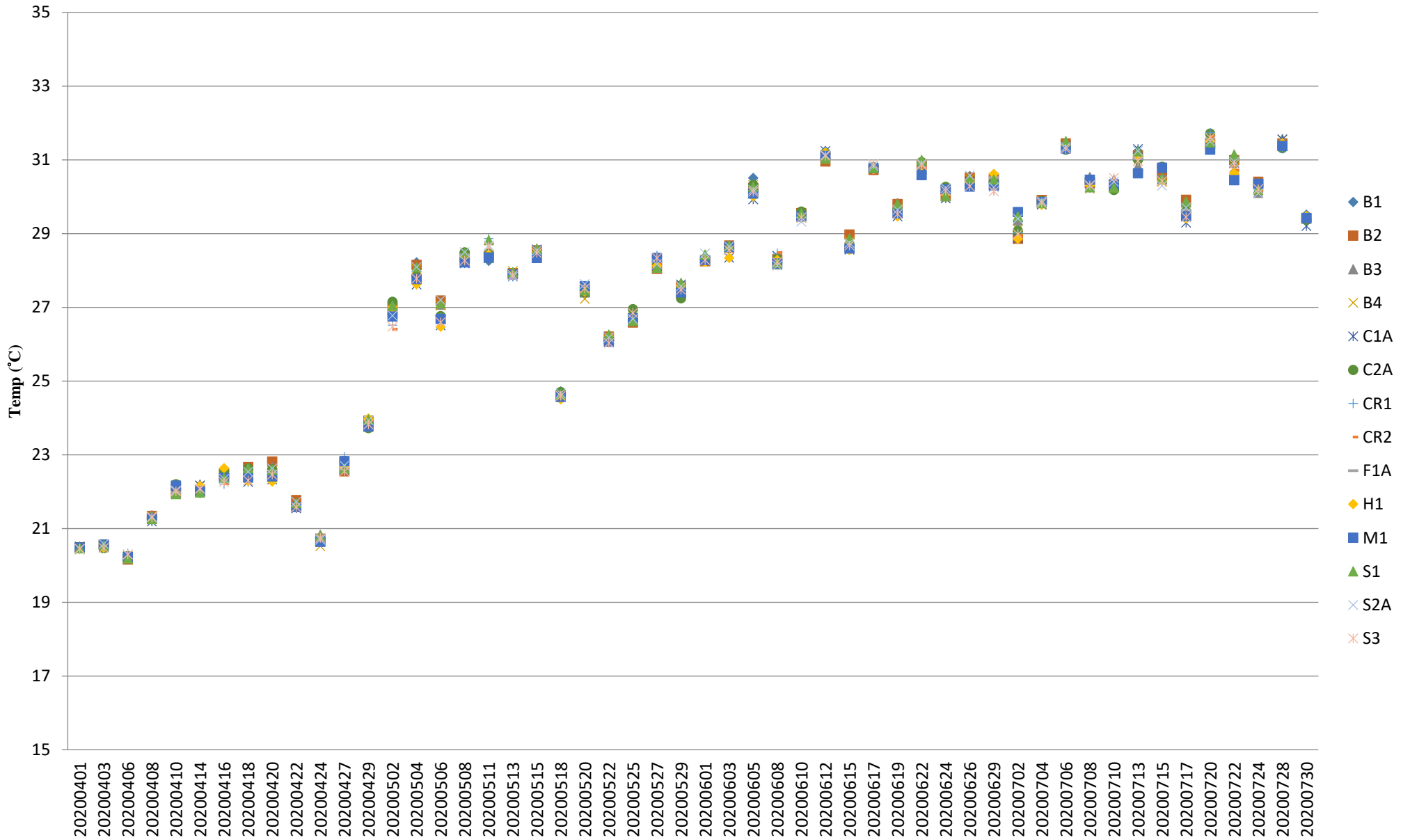
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.8** of the monthly EM&A report.

Temperature (Depth-averaged) during MID-FLOOD



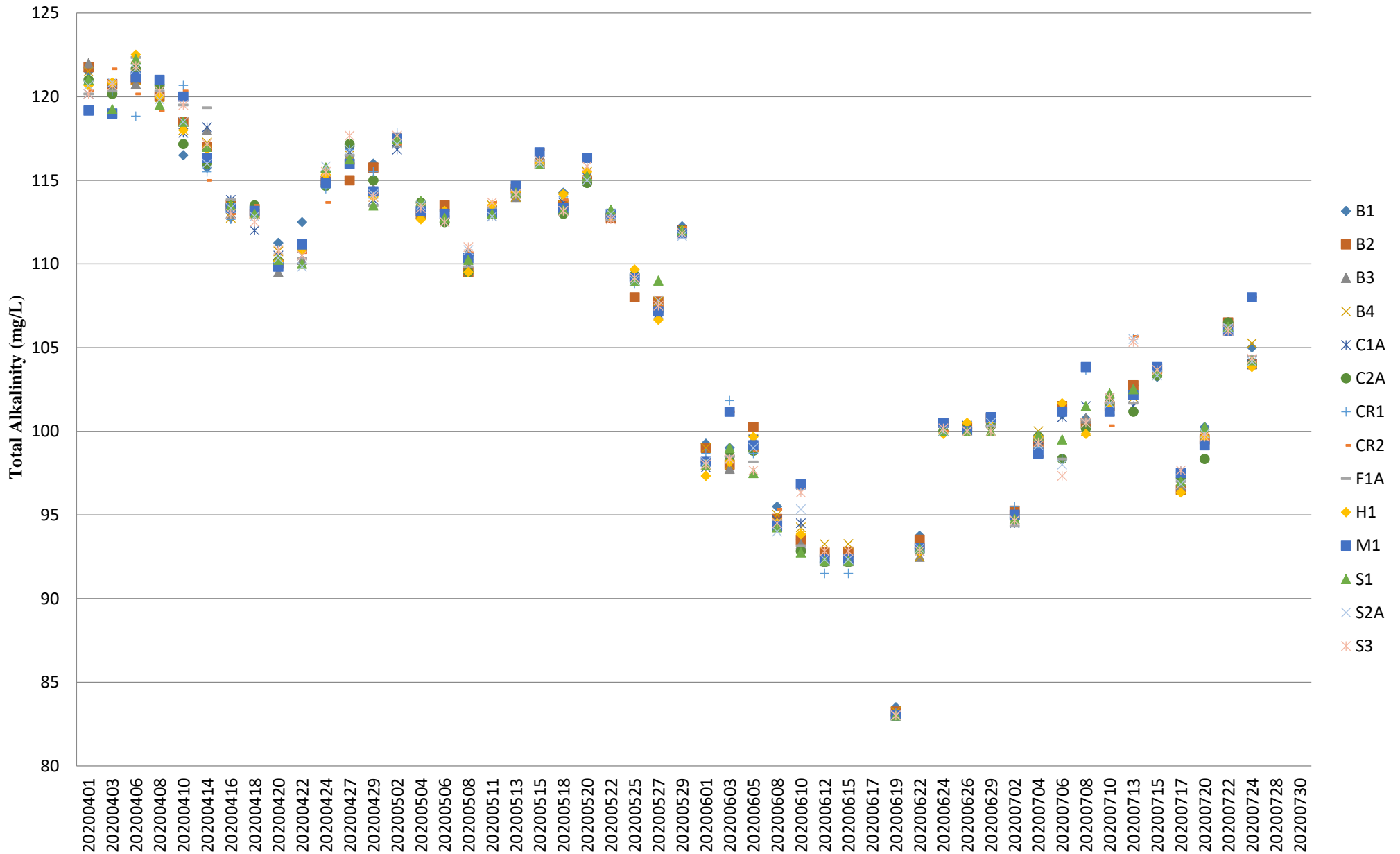
Note: The Action and Limit Level of temperature can be referred to **Table 2.8** of the monthly EM&A report.

Temperature (Depth-averaged) during MID-EBB



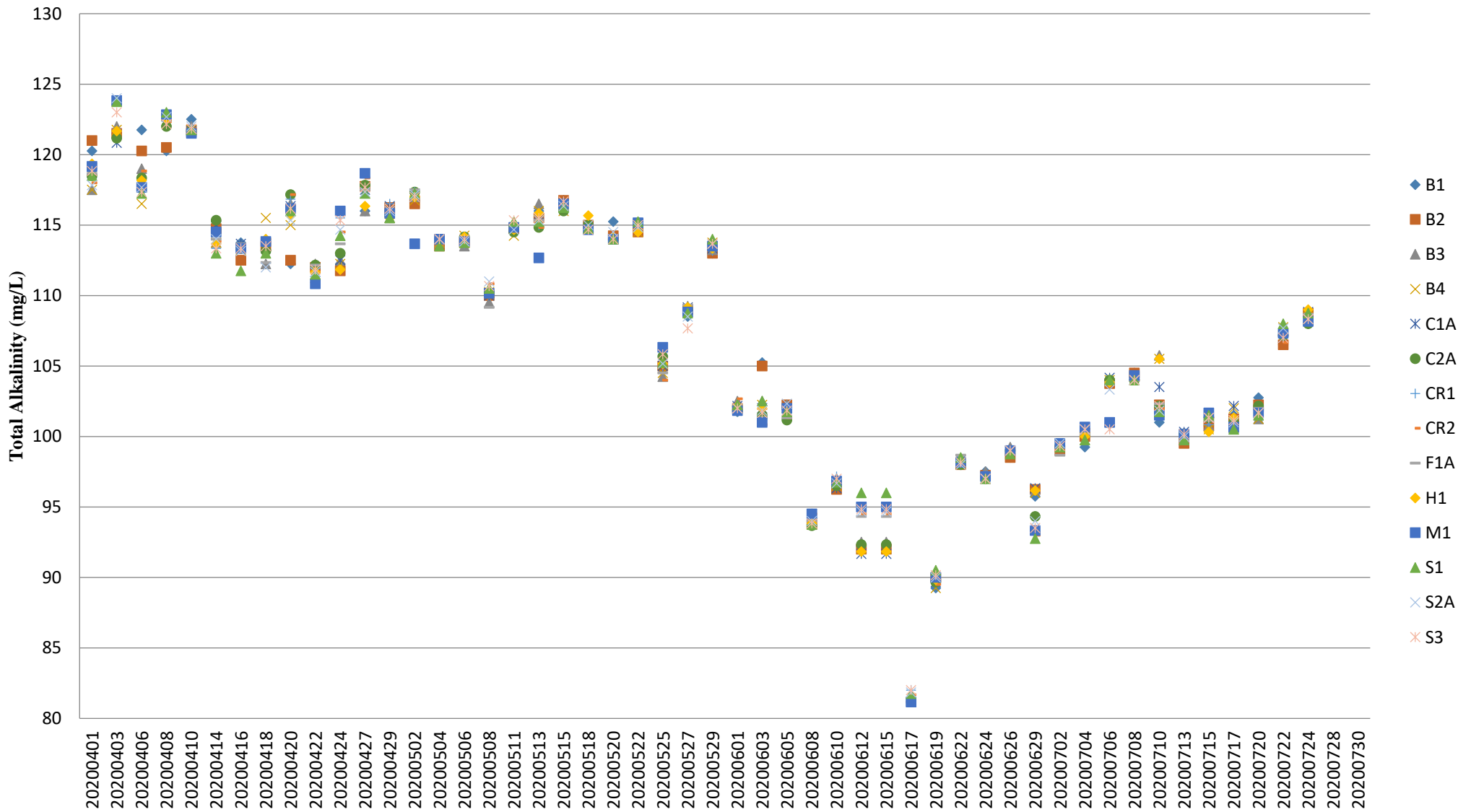
Note: The Action and Limit Level of temperature can be referred to **Table 2.8** of the monthly EM&A report.

Total Alkalinity (Depth-averaged) during MID-FLOOD



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

Total Alkalinity (Depth-averaged) during MID-EBB



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