

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	20200102	Cloudy	Moderate	Mid-Flood	B	3.4	10:40	7.76	8.06	31.22	21.87	3.55	8	116	0.191	W
B1	20200102	Cloudy	Moderate	Mid-Flood	B	3.4	10:40	8.1	7.97	31.78	21.88	3.32	7	115	0.198	NW
B1	20200102	Cloudy	Moderate	Mid-Flood	S	1	10:41	8.25	8.27	31.64	21.71	2.54	11	115	0.19	NW
B1	20200102	Cloudy	Moderate	Mid-Flood	S	1	10:41	8.56	8.05	31.2	21.65	3.03	11	116	0.219	NW
B2	20200102	Cloudy	Moderate	Mid-Flood	B	3.5	11:01	8.09	8.05	31.7	21.88	3.36	10	115	0.238	W
B2	20200102	Cloudy	Moderate	Mid-Flood	B	3.5	11:01	8.2	8.12	31.85	21.77	3.39	9	116	0.225	NW
B2	20200102	Cloudy	Moderate	Mid-Flood	S	1	11:02	8.03	8.22	31.41	21.76	2.94	9	116	0.222	W
B2	20200102	Cloudy	Moderate	Mid-Flood	S	1	11:02	8.23	8.2	31.35	21.6	2.68	10	116	0.276	W
B3	20200102	Cloudy	Moderate	Mid-Flood	B	4.3	10:28	8.01	8.13	31.79	21.67	3.32	8	115	0.234	W
B3	20200102	Cloudy	Moderate	Mid-Flood	B	4.3	10:28	8.34	8.17	31.57	21.63	3.65	8	115	0.206	W
B3	20200102	Cloudy	Moderate	Mid-Flood	S	1	10:29	7.91	8.27	31.83	21.8	2.77	7	114	0.189	W
B3	20200102	Cloudy	Moderate	Mid-Flood	S	1	10:29	7.75	8.29	31.82	21.88	3.02	8	114	0.241	W
B4	20200102	Cloudy	Moderate	Mid-Flood	B	4.3	10:40	8.11	8.16	31.61	21.83	3.43	11	115	0.218	W
B4	20200102	Cloudy	Moderate	Mid-Flood	B	4.3	10:40	7.55	8.05	31.73	21.84	3.75	10	116	0.219	W
B4	20200102	Cloudy	Moderate	Mid-Flood	S	1	10:41	8.4	8.04	31.84	21.83	3.04	10	116	0.213	W
B4	20200102	Cloudy	Moderate	Mid-Flood	S	1	10:41	7.81	7.98	31.66	21.84	2.65	10	115	0.237	W
C1A	20200102	Cloudy	Moderate	Mid-Flood	B	8.9	10:16	7.83	8.05	31.66	21.89	3.33	10	115	0.251	NW
C1A	20200102	Cloudy	Moderate	Mid-Flood	B	8.9	10:16	8.14	8.14	31.28	21.85	3.23	10	115	0.246	W
C1A	20200102	Cloudy	Moderate	Mid-Flood	M	4.95	10:17	7.76	8.25	31.77	21.73	2.86	9	116	0.248	W
C1A	20200102	Cloudy	Moderate	Mid-Flood	M	4.95	10:17	8.24	8.01	31.7	21.88	3.23	9	115	0.192	W
C1A	20200102	Cloudy	Moderate	Mid-Flood	S	1	10:18	8.14	8.32	31.27	21.84	2.63	8	114	0.221	W
C1A	20200102	Cloudy	Moderate	Mid-Flood	S	1	10:18	8.14	8.17	31.47	21.89	3.03	9	116	0.235	W
C2A	20200102	Cloudy	Moderate	Mid-Flood	B	10.5	9:50	8.14	8.09	31.54	21.69	3.28	10	116	0.212	W
C2A	20200102	Cloudy	Moderate	Mid-Flood	B	10.5	9:50	8.28	8.26	31.73	21.74	3.17	11	115	0.194	W
C2A	20200102	Cloudy	Moderate	Mid-Flood	M	5.75	9:51	8.4	8.32	31.58	21.86	2.95	10	115	0.255	W
C2A	20200102	Cloudy	Moderate	Mid-Flood	M	5.75	9:51	7.85	8.06	31.53	21.64	3.08	11	115	0.253	W
C2A	20200102	Cloudy	Moderate	Mid-Flood	S	1	9:52	8.08	8.07	31.51	21.93	3.07	9	115	0.212	NW
C2A	20200102	Cloudy	Moderate	Mid-Flood	S	1	9:52	7.61	8.07	31.41	21.85	2.95	9	115	0.221	W

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CR1	20200102	Cloudy	Moderate	Mid-Flood	B	11.2	12:26	8.26	8.07	31.8	22.01	3.27	9	117	0.276	NW
CR1	20200102	Cloudy	Moderate	Mid-Flood	B	11.2	12:26	7.62	8.03	31.75	22.07	3.27	10	116	0.257	W
CR1	20200102	Cloudy	Moderate	Mid-Flood	M	6.1	12:27	7.98	8.26	31.21	21.99	3.01	9	116	0.242	NW
CR1	20200102	Cloudy	Moderate	Mid-Flood	M	6.1	12:27	8.37	8.19	31.56	22.08	2.96	8	116	0.261	NW
CR1	20200102	Cloudy	Moderate	Mid-Flood	S	1	12:28	7.7	7.96	31.27	22.03	3.13	7	116	0.274	W
CR1	20200102	Cloudy	Moderate	Mid-Flood	S	1	12:28	8.23	8.11	31.78	22.07	2.77	8	116	0.28	W
CR2	20200102	Cloudy	Moderate	Mid-Flood	B	9.9	11:58	7.97	8.16	31.3	22.07	3.3	6	115	0.247	W
CR2	20200102	Cloudy	Moderate	Mid-Flood	B	9.9	11:58	8.22	8.11	31.28	22.07	3.2	7	116	0.249	W
CR2	20200102	Cloudy	Moderate	Mid-Flood	M	5.45	11:59	7.59	8	31.54	21.96	3.2	8	116	0.214	NW
CR2	20200102	Cloudy	Moderate	Mid-Flood	M	5.45	11:59	7.67	8.22	31.26	22.08	2.88	9	116	0.274	W
CR2	20200102	Cloudy	Moderate	Mid-Flood	S	1	12:00	7.87	8.27	31.23	22.08	2.83	10	116	0.292	W
CR2	20200102	Cloudy	Moderate	Mid-Flood	S	1	12:00	8.02	8.07	31.82	21.95	2.59	9	116	0.267	W
F1A	20200102	Cloudy	Moderate	Mid-Flood	B	7.2	11:09	8.02	7.95	31.26	21.6	3.34	13	116	0.19	W
F1A	20200102	Cloudy	Moderate	Mid-Flood	B	7.2	11:09	7.72	8.22	31.68	21.93	3.09	13	115	0.197	W
F1A	20200102	Cloudy	Moderate	Mid-Flood	M	4.1	11:10	7.75	7.99	31.42	21.84	2.76	11	116	0.25	NW
F1A	20200102	Cloudy	Moderate	Mid-Flood	M	4.1	11:10	8.19	7.96	31.55	21.82	2.79	10	116	0.249	W
F1A	20200102	Cloudy	Moderate	Mid-Flood	S	1	11:11	7.77	8.24	31.67	21.75	2.72	9	115	0.213	W
F1A	20200102	Cloudy	Moderate	Mid-Flood	S	1	11:11	7.55	8.16	31.7	21.68	2.96	9	115	0.245	NW
H1	20200102	Cloudy	Moderate	Mid-Flood	B	7.1	10:11	8.6	8.11	31.6	21.61	3.26	12	115	0.279	W
H1	20200102	Cloudy	Moderate	Mid-Flood	B	7.1	10:11	7.74	7.95	31.63	21.8	3.51	13	114	0.281	W
H1	20200102	Cloudy	Moderate	Mid-Flood	M	4.05	10:12	8.07	8.1	31.71	21.62	3.22	10	115	0.25	NW
H1	20200102	Cloudy	Moderate	Mid-Flood	M	4.05	10:12	8.24	8.31	31.63	21.82	3	10	115	0.197	NW
H1	20200102	Cloudy	Moderate	Mid-Flood	S	1	10:13	7.66	8.16	31.71	21.65	2.56	9	115	0.199	W
H1	20200102	Cloudy	Moderate	Mid-Flood	S	1	10:13	8.24	8.13	31.36	21.69	3.09	9	116	0.213	W
M1	20200102	Cloudy	Moderate	Mid-Flood	B	6.6	11:38	8.39	8.15	31.57	22	3.13	10	116	0.275	W
M1	20200102	Cloudy	Moderate	Mid-Flood	B	6.6	11:38	7.79	8.06	31.84	21.91	3.38	10	116	0.274	W
M1	20200102	Cloudy	Moderate	Mid-Flood	M	3.8	11:39	7.67	8.26	31.71	22.02	2.95	8	116	0.209	W
M1	20200102	Cloudy	Moderate	Mid-Flood	M	3.8	11:39	7.82	8.23	31.82	21.96	3.18	8	116	0.223	W

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M1	20200102	Cloudy	Moderate	Mid-Flood	S	1	11:40	8.33	8.1	31.49	21.97	2.79	7	116	0.239	NW
M1	20200102	Cloudy	Moderate	Mid-Flood	S	1	11:40	8	8.3	31.45	21.96	2.75	8	117	0.281	W
S1	20200102	Cloudy	Moderate	Mid-Flood	B	4.7	10:50	8.37	8.13	31.57	21.66	3.27	7	116	0.203	W
S1	20200102	Cloudy	Moderate	Mid-Flood	B	4.7	10:50	8.14	8.33	31.5	21.84	3.42	8	116	0.283	NW
S1	20200102	Cloudy	Moderate	Mid-Flood	S	1	10:51	7.91	8.23	31.31	21.81	2.77	9	114	0.274	NW
S1	20200102	Cloudy	Moderate	Mid-Flood	S	1	10:51	7.77	8.34	31.33	21.75	2.62	9	115	0.28	W
S2A	20200102	Cloudy	Moderate	Mid-Flood	B	8.8	11:29	7.63	8.23	31.69	21.92	3.62	10	116	0.224	W
S2A	20200102	Cloudy	Moderate	Mid-Flood	B	8.8	11:29	8.33	8.02	31.23	21.93	3.63	10	115	0.26	W
S2A	20200102	Cloudy	Moderate	Mid-Flood	M	4.9	11:30	8.19	8.05	31.85	22.03	2.92	10	116	0.246	W
S2A	20200102	Cloudy	Moderate	Mid-Flood	M	4.9	11:30	7.68	8.24	31.46	22.03	2.74	9	115	0.273	W
S2A	20200102	Cloudy	Moderate	Mid-Flood	S	1	11:31	8.05	8.13	31.5	21.96	2.68	8	116	0.216	W
S2A	20200102	Cloudy	Moderate	Mid-Flood	S	1	11:31	8.41	7.96	31.23	21.99	3.04	8	115	0.213	W
S3	20200102	Cloudy	Moderate	Mid-Flood	B	8.2	12:09	8.02	8.13	31.79	21.95	3.27	9	115	0.207	W
S3	20200102	Cloudy	Moderate	Mid-Flood	B	8.2	12:09	7.95	8.28	31.76	21.97	3.28	10	116	0.237	W
S3	20200102	Cloudy	Moderate	Mid-Flood	M	4.6	12:10	7.91	7.95	31.21	22.06	2.74	10	115	0.291	W
S3	20200102	Cloudy	Moderate	Mid-Flood	M	4.6	12:10	7.91	8.1	31.72	22.02	3.06	9	116	0.198	W
S3	20200102	Cloudy	Moderate	Mid-Flood	S	1	12:11	8.02	8.21	31.23	22.03	3.14	8	115	0.233	W
S3	20200102	Cloudy	Moderate	Mid-Flood	S	1	12:11	8.34	8.08	31.31	22.06	2.88	9	115	0.248	W
B1	20200102	Cloudy	Moderate	Mid-Ebb	B	3.5	15:38	7.61	8.24	31.8	22.2	3.24	8	117	0.187	SE
B1	20200102	Cloudy	Moderate	Mid-Ebb	B	3.5	15:38	8.03	8.21	31.34	22.19	3.3	9	117	0.192	SE
B1	20200102	Cloudy	Moderate	Mid-Ebb	S	1	15:39	7.81	8.07	31.48	22.15	2.88	8	116	0.16	SE
B1	20200102	Cloudy	Moderate	Mid-Ebb	S	1	15:39	7.75	8.1	31.35	22.41	2.44	9	116	0.254	E
B2	20200102	Cloudy	Moderate	Mid-Ebb	B	4.4	15:59	8.31	8.03	31.37	22.37	3.01	7	116	0.26	E
B2	20200102	Cloudy	Moderate	Mid-Ebb	B	4.4	15:59	8.33	8.07	31.53	22.47	3.48	7	116	0.273	SE
B2	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:00	7.54	8.25	31.33	22.33	2.8	8	116	0.272	E
B2	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:00	8.15	8.17	31.6	22.28	3.01	8	116	0.234	SE
B3	20200102	Cloudy	Moderate	Mid-Ebb	B	4.5	16:21	7.8	8.32	31.84	22.14	3.45	9	116	0.169	E
B3	20200102	Cloudy	Moderate	Mid-Ebb	B	4.5	16:21	8.33	8.27	31.83	22.35	3.53	10	117	0.177	E

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B3	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:22	7.62	8.26	31.51	22.17	2.51	8	116	0.214	SE
B3	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:22	8.37	8.13	31.35	22.16	2.64	8	116	0.216	SE
B4	20200102	Cloudy	Moderate	Mid-Ebb	B	3.9	16:11	7.7	8.04	31.31	22.36	3.12	7	116	0.169	E
B4	20200102	Cloudy	Moderate	Mid-Ebb	B	3.9	16:11	8.22	8.23	31.88	22.16	3.38	7	116	0.254	SE
B4	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:12	8.16	8.11	31.82	22.22	2.81	8	117	0.259	E
B4	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:12	8.06	8.05	31.48	22.36	2.95	9	116	0.276	SE
C1A	20200102	Cloudy	Moderate	Mid-Ebb	B	9	15:14	8.15	8.35	31.88	22.21	3.43	10	116	0.155	SE
C1A	20200102	Cloudy	Moderate	Mid-Ebb	B	9	15:14	8.2	8.12	31.81	22.11	3.54	10	116	0.17	SE
C1A	20200102	Cloudy	Moderate	Mid-Ebb	M	5	15:15	8.25	8.14	31.48	22.26	3	10	116	0.228	SE
C1A	20200102	Cloudy	Moderate	Mid-Ebb	M	5	15:15	7.77	8.04	31.87	22.21	2.64	9	116	0.27	E
C1A	20200102	Cloudy	Moderate	Mid-Ebb	S	1	15:16	8.14	8.15	31.48	22.14	2.61	9	116	0.21	E
C1A	20200102	Cloudy	Moderate	Mid-Ebb	S	1	15:16	7.48	8.32	31.63	22.33	2.98	10	116	0.21	SE
C2A	20200102	Cloudy	Moderate	Mid-Ebb	B	10.3	16:56	8.21	8.11	31.56	21.87	3.06	13	116	0.207	SE
C2A	20200102	Cloudy	Moderate	Mid-Ebb	B	10.3	16:56	7.97	8.15	31.78	21.84	3.4	12	116	0.163	E
C2A	20200102	Cloudy	Moderate	Mid-Ebb	M	5.65	16:57	8.29	8.09	31.86	21.85	2.94	9	116	0.247	E
C2A	20200102	Cloudy	Moderate	Mid-Ebb	M	5.65	16:57	7.64	8.14	31.65	22.03	2.72	10	116	0.254	SE
C2A	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:58	8.06	8.04	31.51	21.83	2.8	8	117	0.242	E
C2A	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:58	8.04	8.33	31.89	21.9	2.72	8	116	0.219	SE
CR1	20200102	Cloudy	Moderate	Mid-Ebb	B	11.6	17:25	7.47	8.06	31.65	22	3.3	11	116	0.256	SE
CR1	20200102	Cloudy	Moderate	Mid-Ebb	B	11.6	17:25	8.14	8.14	31.8	21.86	3.25	10	117	0.254	SE
CR1	20200102	Cloudy	Moderate	Mid-Ebb	M	6.3	17:26	7.62	8.3	31.77	21.89	2.76	9	116	0.172	SE
CR1	20200102	Cloudy	Moderate	Mid-Ebb	M	6.3	17:26	8.08	8.23	31.67	22.04	2.5	10	116	0.261	SE
CR1	20200102	Cloudy	Moderate	Mid-Ebb	S	1	17:27	7.72	8.24	31.51	21.96	2.92	9	116	0.262	SE
CR1	20200102	Cloudy	Moderate	Mid-Ebb	S	1	17:27	7.55	8.15	31.44	22.01	2.6	10	116	0.216	E
CR2	20200102	Cloudy	Moderate	Mid-Ebb	B	10	16:54	7.5	8.36	31.38	22.04	3.3	12	114	0.23	SE
CR2	20200102	Cloudy	Moderate	Mid-Ebb	B	10	16:54	7.87	8.21	31.33	22.35	3.57	12	114	0.202	SE
CR2	20200102	Cloudy	Moderate	Mid-Ebb	M	5.5	16:55	8.18	8.04	31.38	22.18	2.51	10	116	0.163	SE
CR2	20200102	Cloudy	Moderate	Mid-Ebb	M	5.5	16:55	8.02	8.15	31.43	22.22	2.51	12	115	0.281	SE

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CR2	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:56	7.59	8.19	31.8	22.07	2.88	11	116	0.237	E
CR2	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:56	7.75	8.13	31.7	22.18	2.65	10	116	0.156	SE
F1A	20200102	Cloudy	Moderate	Mid-Ebb	B	7.7	15:44	8.2	8.34	31.32	22.39	3.01	10	116	0.275	SE
F1A	20200102	Cloudy	Moderate	Mid-Ebb	B	7.7	15:44	8.33	8.22	31.69	22.32	3.37	11	116	0.218	SE
F1A	20200102	Cloudy	Moderate	Mid-Ebb	M	4.35	15:45	8.24	8.15	31.41	22.35	2.7	10	116	0.274	SE
F1A	20200102	Cloudy	Moderate	Mid-Ebb	M	4.35	15:45	7.73	8.25	31.72	22.2	3.02	10	116	0.17	E
F1A	20200102	Cloudy	Moderate	Mid-Ebb	S	1	15:46	7.84	8.28	31.73	22.42	2.85	9	117	0.257	SE
F1A	20200102	Cloudy	Moderate	Mid-Ebb	S	1	15:46	7.45	8.12	31.88	22.3	2.76	8	116	0.253	SE
H1	20200102	Cloudy	Moderate	Mid-Ebb	B	7.7	16:37	8.09	8.07	31.3	22.05	3.01	12	116	0.171	E
H1	20200102	Cloudy	Moderate	Mid-Ebb	B	7.7	16:37	7.69	8.21	31.61	22.34	3.51	11	116	0.235	E
H1	20200102	Cloudy	Moderate	Mid-Ebb	M	4.35	16:38	7.65	8.17	31.82	22.31	2.95	10	117	0.243	SE
H1	20200102	Cloudy	Moderate	Mid-Ebb	M	4.35	16:38	8.13	8.03	31.32	22.17	2.64	11	116	0.189	SE
H1	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:39	7.99	8.22	31.73	22.15	2.48	9	116	0.239	SE
H1	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:39	8.25	8.1	31.82	22.16	3.01	9	116	0.257	SE
M1	20200102	Cloudy	Moderate	Mid-Ebb	B	8.1	15:16	7.7	8.33	31.79	22.18	3.51	9	114	0.162	SE
M1	20200102	Cloudy	Moderate	Mid-Ebb	B	8.1	15:16	8.01	8.33	31.83	22.21	3.23	- Note 3	114	0.264	SE
M1	20200102	Cloudy	Moderate	Mid-Ebb	M	4.55	15:17	7.59	8.29	31.73	22.3	2.95	7	114	0.163	E
M1	20200102	Cloudy	Moderate	Mid-Ebb	M	4.55	15:17	8.24	8.22	31.5	22.25	2.75	8	114	0.263	SE
M1	20200102	Cloudy	Moderate	Mid-Ebb	S	1	15:18	7.91	8.08	31.55	22.39	2.44	7	114	0.155	SE
M1	20200102	Cloudy	Moderate	Mid-Ebb	S	1	15:18	7.53	8.28	31.77	22.42	2.51	8	114	0.177	SE
S1	20200102	Cloudy	Moderate	Mid-Ebb	B	4	15:47	7.67	8.25	31.57	22.27	3.55	12	116	0.17	SE
S1	20200102	Cloudy	Moderate	Mid-Ebb	B	4	15:47	8.18	8.1	31.83	22.36	3.53	12	117	0.183	SE
S1	20200102	Cloudy	Moderate	Mid-Ebb	S	1	15:48	8.29	8.22	31.7	22.22	2.98	11	116	0.15	SE
S1	20200102	Cloudy	Moderate	Mid-Ebb	S	1	15:48	7.89	8.31	31.9	22.27	2.81	10	116	0.231	SE
S2A	20200102	Cloudy	Moderate	Mid-Ebb	B	8.1	16:28	7.76	8.14	31.32	22.43	3.13	11	116	0.204	SE
S2A	20200102	Cloudy	Moderate	Mid-Ebb	B	8.1	16:28	8.21	8.13	31.33	22.24	3.47	10	116	0.163	SE
S2A	20200102	Cloudy	Moderate	Mid-Ebb	M	4.55	16:29	7.87	8.14	31.57	22.26	2.5	10	117	0.204	E
S2A	20200102	Cloudy	Moderate	Mid-Ebb	M	4.55	16:29	8.23	8.15	31.86	22.1	2.68	11	116	0.162	SE

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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
S2A	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:30	7.52	8.1	31.63	22.16	2.55	10	117	0.162	SE
S2A	20200102	Cloudy	Moderate	Mid-Ebb	S	1	16:30	7.48	8.21	31.79	22.19	2.72	10	116	0.219	SE
S3	20200102	Cloudy	Moderate	Mid-Ebb	B	10	17:08	8.14	8.06	31.69	21.95	3.12	11	117	0.18	E
S3	20200102	Cloudy	Moderate	Mid-Ebb	B	10	17:08	7.77	8.25	31.88	21.93	3.6	12	116	0.263	SE
S3	20200102	Cloudy	Moderate	Mid-Ebb	M	5.5	17:09	7.91	8.18	31.5	22.15	2.75	8	117	0.156	SE
S3	20200102	Cloudy	Moderate	Mid-Ebb	M	5.5	17:09	8.16	8.29	31.86	22.11	2.92	9	116	0.239	SE
S3	20200102	Cloudy	Moderate	Mid-Ebb	S	1	17:10	7.71	8.12	31.34	22.06	2.69	7	116	0.246	SE
S3	20200102	Cloudy	Moderate	Mid-Ebb	S	1	17:10	8.37	8.13	31.84	22.08	2.91	7	116	0.266	E
B1 <small>Note 4</small>	20200104	Cloudy	Moderate	Mid-Ebb	B	3.9	10:13	8.39	8.29	30.57	21.47	3.79	4	115	0.171	E
B1 <small>Note 4</small>	20200104	Cloudy	Moderate	Mid-Ebb	B	3.9	10:13	7.54	8.18	31.16	21.54	3.82	4	114	0.161	SE
B1 <small>Note 4</small>	20200104	Cloudy	Moderate	Mid-Ebb	S	1	10:14	8.24	8.18	30.94	21.54	3.3	6	114	0.215	SE
B1 <small>Note 4</small>	20200104	Cloudy	Moderate	Mid-Ebb	S	1	10:14	7.53	8.16	30.74	21.59	2.83	5	114	0.191	SE
B2	20200104	Cloudy	Moderate	Mid-Ebb	B	4	9:54	8.28	8.17	30.9	21.62	3.87	6	112	0.232	SE
B2	20200104	Cloudy	Moderate	Mid-Ebb	B	4	9:54	7.43	8.31	31.14	21.48	3.56	6	114	0.205	SE
B2	20200104	Cloudy	Moderate	Mid-Ebb	S	1	9:55	7.32	8.21	30.5	21.4	2.93	4	114	0.181	E
B2	20200104	Cloudy	Moderate	Mid-Ebb	S	1	9:55	7.68	8.21	30.95	21.51	3.34	5	114	0.217	SE
B3	20200104	Cloudy	Moderate	Mid-Ebb	B	3.5	8:59	7.71	8.28	30.83	21.21	3.58	6	114	0.147	SE
B3	20200104	Cloudy	Moderate	Mid-Ebb	B	3.5	8:59	8.36	8.35	30.58	21.21	3.4	7	114	0.138	SE
B3	20200104	Cloudy	Moderate	Mid-Ebb	S	1	9:00	7.98	8.35	30.61	21.35	3.1	4	115	0.249	SE
B3	20200104	Cloudy	Moderate	Mid-Ebb	S	1	9:00	7.38	8.21	31.1	21.44	3.22	4	115	0.185	SE
B4	20200104	Cloudy	Moderate	Mid-Ebb	B	3.5	8:47	7.65	8.21	30.77	21.47	3.51	6	115	0.249	SE
B4	20200104	Cloudy	Moderate	Mid-Ebb	B	3.5	8:47	7.94	8.35	30.74	21.19	3.76	7	114	0.168	E
B4	20200104	Cloudy	Moderate	Mid-Ebb	S	1	8:48	7.25	8.27	31	21.23	2.97	3	113	0.213	SE
B4	20200104	Cloudy	Moderate	Mid-Ebb	S	1	8:48	7.39	8.17	30.5	21.29	3.15	4	114	0.165	SE
C1A	20200104	Cloudy	Moderate	Mid-Ebb	B	9.1	8:00	8.08	8.37	30.66	21.17	3.43	8	114	0.156	SE
C1A	20200104	Cloudy	Moderate	Mid-Ebb	B	9.1	8:00	7.33	8.31	30.58	21.12	3.46	8	115	0.178	SE
C1A	20200104	Cloudy	Moderate	Mid-Ebb	M	5.05	8:01	7.95	8.27	31.04	21.34	3.09	6	115	0.233	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	20200104	Cloudy	Moderate	Mid-Ebb	M	5.05	8:01	7.72	8.24	31.04	21.15	2.9	7	114	0.247	E
C1A	20200104	Cloudy	Moderate	Mid-Ebb	S	1	8:02	7.51	8.2	30.55	21.35	3.03	5	114	0.186	SE
C1A	20200104	Cloudy	Moderate	Mid-Ebb	S	1	8:02	7.24	8.18	30.88	21.24	3.13	4	114	0.226	SE
C2A	20200104	Cloudy	Moderate	Mid-Ebb	B	10.6	8:11	8.18	8.31	30.92	21.34	3.6	5	115	0.184	SE
C2A	20200104	Cloudy	Moderate	Mid-Ebb	B	10.6	8:11	7.28	8.26	31.16	21.1	3.4	5	115	0.246	SE
C2A	20200104	Cloudy	Moderate	Mid-Ebb	M	5.8	8:12	8.27	8.31	31.16	21.19	3.21	5	114	0.162	SE
C2A	20200104	Cloudy	Moderate	Mid-Ebb	M	5.8	8:12	7.45	8.29	31.05	21.39	2.93	5	114	0.226	SE
C2A	20200104	Cloudy	Moderate	Mid-Ebb	S	1	8:13	7.79	8.2	30.86	21.24	2.83	5	115	0.157	E
C2A	20200104	Cloudy	Moderate	Mid-Ebb	S	1	8:13	7.29	8.31	31.18	21.1	2.94	6	114	0.183	E
CR1	20200104	Cloudy	Moderate	Mid-Ebb	B	12.4	8:35	7.31	8.26	30.64	21.24	3.41	9	115	0.228	SE
CR1	20200104	Cloudy	Moderate	Mid-Ebb	B	12.4	8:35	7.94	8.18	30.53	21.22	3.58	8	116	0.181	E
CR1	20200104	Cloudy	Moderate	Mid-Ebb	M	6.7	8:36	8.06	8.16	30.5	21.2	3.33	7	114	0.204	SE
CR1	20200104	Cloudy	Moderate	Mid-Ebb	M	6.7	8:36	7.34	8.33	31.02	21.28	3.04	8	114	0.167	SE
CR1	20200104	Cloudy	Moderate	Mid-Ebb	S	1	8:37	8.28	8.29	30.9	21.28	2.94	6	116	0.163	SE
CR1	20200104	Cloudy	Moderate	Mid-Ebb	S	1	8:37	7.66	8.21	30.6	21.16	3.21	7	114	0.203	E
CR2	20200104	Cloudy	Moderate	Mid-Ebb	B	9.8	9:06	7.88	8.23	30.77	21.45	3.37	9	115	0.149	SE
CR2	20200104	Cloudy	Moderate	Mid-Ebb	B	9.8	9:06	7.93	8.19	30.68	21.22	3.83	8	114	0.175	SE
CR2	20200104	Cloudy	Moderate	Mid-Ebb	M	5.4	9:07	8.13	8.25	30.78	21.46	3.24	7	114	0.138	SE
CR2	20200104	Cloudy	Moderate	Mid-Ebb	M	5.4	9:07	7.84	8.37	30.63	21.31	3.11	7	114	0.166	SE
CR2	20200104	Cloudy	Moderate	Mid-Ebb	S	1	9:08	8.1	8.23	31.12	21.49	3.15	4	115	0.138	SE
CR2	20200104	Cloudy	Moderate	Mid-Ebb	S	1	9:08	7.74	8.16	30.73	21.29	3.27	4	114	0.175	E
F1A	20200104	Cloudy	Moderate	Mid-Ebb	B	7.3	9:27	7.8	8.37	30.79	21.32	3.77	5	114	0.159	SE
F1A	20200104	Cloudy	Moderate	Mid-Ebb	B	7.3	9:27	8.36	8.23	30.99	21.53	3.73	6	114	0.189	SE
F1A	20200104	Cloudy	Moderate	Mid-Ebb	M	4.15	9:28	7.53	8.31	30.76	21.36	3.35	6	115	0.22	E
F1A	20200104	Cloudy	Moderate	Mid-Ebb	M	4.15	9:28	7.99	8.25	30.99	21.56	2.88	6	114	0.176	SE
F1A	20200104	Cloudy	Moderate	Mid-Ebb	S	1	9:29	7.23	8.3	30.77	21.36	3.3	6	114	0.218	SE
F1A	20200104	Cloudy	Moderate	Mid-Ebb	S	1	9:29	7.94	8.19	30.97	21.34	2.88	6	115	0.172	SE
H1	20200104	Cloudy	Moderate	Mid-Ebb	B	7.8	8:27	8.13	8.26	30.8	21.21	3.35	5	114	0.199	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
H1	20200104	Cloudy	Moderate	Mid-Ebb	B	7.8	8:27	7.38	8.37	30.73	21.32	3.71	5	114	0.157	E
H1	20200104	Cloudy	Moderate	Mid-Ebb	M	4.4	8:28	7.55	8.27	31.09	21.26	2.78	7	114	0.212	SE
H1	20200104	Cloudy	Moderate	Mid-Ebb	M	4.4	8:28	8.33	8.35	30.77	21.35	2.88	6	114	0.246	SE
H1	20200104	Cloudy	Moderate	Mid-Ebb	S	1	8:29	8.2	8.16	30.96	21.35	3.3	8	114	0.252	E
H1	20200104	Cloudy	Moderate	Mid-Ebb	S	1	8:29	7.31	8.27	30.98	21.37	3.14	8	115	0.143	SE
M1 _{Note 4}	20200104	Cloudy	Moderate	Mid-Ebb	B	7.7	10:00	8.29	8.34	31.02	21.61	3.69	4	114	0.169	E
M1 _{Note 4}	20200104	Cloudy	Moderate	Mid-Ebb	B	7.7	10:00	7.89	8.27	30.78	21.59	3.74	5	114	0.21	SE
M1 _{Note 4}	20200104	Cloudy	Moderate	Mid-Ebb	M	4.35	10:01	8.31	8.37	31.15	21.56	3.24	7	114	0.153	E
M1 _{Note 4}	20200104	Cloudy	Moderate	Mid-Ebb	M	4.35	10:01	7.35	8.2	30.8	21.49	2.83	6	114	0.198	E
M1 _{Note 4}	20200104	Cloudy	Moderate	Mid-Ebb	S	1	10:02	7.88	8.28	31.15	21.53	3.32	9	114	0.217	E
M1 _{Note 4}	20200104	Cloudy	Moderate	Mid-Ebb	S	1	10:02	7.91	8.2	31.04	21.61	3.15	8	114	0.143	SE
S1 _{Note 4}	20200104	Cloudy	Moderate	Mid-Ebb	B	3.9	10:04	7.79	8.26	30.9	21.48	3.86	5	115	0.225	SE
S1 _{Note 4}	20200104	Cloudy	Moderate	Mid-Ebb	B	3.9	10:04	8.05	8.2	30.61	21.52	3.3	6	115	0.208	SE
S1 _{Note 4}	20200104	Cloudy	Moderate	Mid-Ebb	S	1	10:05	8.38	8.3	30.79	21.46	3.15	4	114	0.2	E
S1 _{Note 4}	20200104	Cloudy	Moderate	Mid-Ebb	S	1	10:05	8.08	8.28	31.1	21.45	3.25	4	114	0.204	SE
S2A	20200104	Cloudy	Moderate	Mid-Ebb	B	8.1	9:31	7.55	8.27	30.88	21.33	3.53	5	114	0.239	SE
S2A	20200104	Cloudy	Moderate	Mid-Ebb	B	8.1	9:31	7.49	8.37	30.88	21.57	3.74	4	115	0.161	E
S2A	20200104	Cloudy	Moderate	Mid-Ebb	M	4.55	9:32	7.63	8.26	30.58	21.38	3.04	5	115	0.211	E
S2A	20200104	Cloudy	Moderate	Mid-Ebb	M	4.55	9:32	7.51	8.21	31.14	21.59	2.9	5	116	0.182	SE
S2A	20200104	Cloudy	Moderate	Mid-Ebb	S	1	9:33	7.39	8.37	31.16	21.37	3.31	5	115	0.149	SE
S2A	20200104	Cloudy	Moderate	Mid-Ebb	S	1	9:33	7.48	8.37	30.54	21.4	2.94	5	114	0.223	E
S3	20200104	Cloudy	Moderate	Mid-Ebb	B	9.6	8:52	7.62	8.28	31.09	21.2	3.41	5	115	0.233	E
S3	20200104	Cloudy	Moderate	Mid-Ebb	B	9.6	8:52	7.35	8.17	30.81	21.28	3.56	5	114	0.247	SE
S3	20200104	Cloudy	Moderate	Mid-Ebb	M	5.3	8:53	8.17	8.33	31.16	21.42	3.11	5	115	0.199	SE
S3	20200104	Cloudy	Moderate	Mid-Ebb	M	5.3	8:53	8.21	8.31	30.82	21.19	3.37	5	114	0.2	SE
S3	20200104	Cloudy	Moderate	Mid-Ebb	S	1	8:54	7.67	8.35	31.15	21.29	2.85	5	114	0.203	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
S3	20200104	Cloudy	Moderate	Mid-Ebb	S	1	8:54	7.89	8.29	31.2	21.23	3.34	4	115	0.209	E
B1	20200104	Cloudy	Moderate	Mid-Flood	B	4.2	14:17	8.31	8.23	31.24	22.02	3.51	10	114	0.289	W
B1	20200104	Cloudy	Moderate	Mid-Flood	B	4.2	14:17	8.04	8.27	30.99	21.98	3.56	10	113	0.163	W
B1	20200104	Cloudy	Moderate	Mid-Flood	S	1	14:18	7.65	8.3	31.42	21.94	2.88	7	114	0.302	W
B1	20200104	Cloudy	Moderate	Mid-Flood	S	1	14:18	7.89	8.05	31.29	21.99	2.74	7	114	0.216	W
B2	20200104	Cloudy	Moderate	Mid-Flood	B	3.5	13:58	8.09	8.18	31.13	21.87	3.37	10	114	0.262	W
B2	20200104	Cloudy	Moderate	Mid-Flood	B	3.5	13:58	7.72	8.34	31.2	21.86	3.46	10	115	0.292	W
B2	20200104	Cloudy	Moderate	Mid-Flood	S	1	13:59	7.98	8.34	31.14	21.86	3.11	6	113	0.215	NW
B2	20200104	Cloudy	Moderate	Mid-Flood	S	1	13:59	7.96	8.38	31.31	21.98	3.29	8	115	0.198	NW
B3	20200104	Cloudy	Moderate	Mid-Flood	B	3.3	13:24	7.45	8.14	31.32	21.96	3.5	10	114	0.277	W
B3	20200104	Cloudy	Moderate	Mid-Flood	B	3.3	13:24	7.98	8.36	31.42	22.11	3.79	9	114	0.285	W
B3	20200104	Cloudy	Moderate	Mid-Flood	S	1	13:25	8.14	8.1	31.24	21.94	3.04	5	114	0.282	NW
B3	20200104	Cloudy	Moderate	Mid-Flood	S	1	13:25	7.96	8.15	30.91	21.84	2.79	5	114	0.232	W
B4	20200104	Cloudy	Moderate	Mid-Flood	B	3.6	13:36	7.57	8.23	31.02	22.15	3.86	6	114	0.201	W
B4	20200104	Cloudy	Moderate	Mid-Flood	B	3.6	13:36	7.9	8.23	30.9	21.9	3.71	5	114	0.322	NW
B4	20200104	Cloudy	Moderate	Mid-Flood	S	1	13:38	8.02	8.23	31.12	22	3.05	7	115	0.275	W
B4	20200104	Cloudy	Moderate	Mid-Flood	S	1	13:38	7.55	8.09	31.13	21.86	2.85	8	114	0.308	W
C1A	20200104	Cloudy	Moderate	Mid-Flood	B	9.2	12:43	7.93	8.34	31.55	22.09	3.39	5	114	0.156	W
C1A	20200104	Cloudy	Moderate	Mid-Flood	B	9.2	12:43	8.13	8.26	31.46	22.28	3.29	5	113	0.299	W
C1A	20200104	Cloudy	Moderate	Mid-Flood	M	5.1	12:44	8.18	8.37	31	22.02	3.35	7	114	0.156	W
C1A	20200104	Cloudy	Moderate	Mid-Flood	M	5.1	12:44	8.15	8.25	31.36	22.28	2.98	7	114	0.258	W
C1A	20200104	Cloudy	Moderate	Mid-Flood	S	1	12:45	7.79	8.15	31.54	22.28	2.79	10	114	0.274	NW
C1A	20200104	Cloudy	Moderate	Mid-Flood	S	1	12:45	7.94	8.08	31.28	22.14	3.16	9	115	0.251	W
C2A	20200104	Cloudy	Moderate	Mid-Flood	B	10.8	12:15	7.91	8.25	31.32	21.93	3.64	5	114	0.293	NW
C2A	20200104	Cloudy	Moderate	Mid-Flood	B	10.8	12:15	8.29	8.28	31.48	22.2	3.62	4	115	0.199	W
C2A	20200104	Cloudy	Moderate	Mid-Flood	M	5.9	12:16	7.94	8.21	31.28	22.04	3.15	6	114	0.223	NW
C2A	20200104	Cloudy	Moderate	Mid-Flood	M	5.9	12:16	7.93	8.3	31.31	21.93	3.12	6	115	0.286	NW
C2A	20200104	Cloudy	Moderate	Mid-Flood	S	1	12:17	7.54	8.37	31.53	21.96	2.85	8	114	0.231	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	20200104	Cloudy	Moderate	Mid-Flood	S	1	12:17	7.97	8.23	30.97	21.91	2.76	6	114	0.184	W
CR1	20200104	Cloudy	Moderate	Mid-Flood	B	11.6	12:39	8.31	8.22	31.13	22.05	3.58	7	115	0.298	W
CR1	20200104	Cloudy	Moderate	Mid-Flood	B	11.6	12:39	7.68	8.05	31.39	22	3.55	8	114	0.162	NW
CR1	20200104	Cloudy	Moderate	Mid-Flood	M	6.3	12:40	7.48	8.1	31.1	22.3	3.06	6	114	0.145	W
CR1	20200104	Cloudy	Moderate	Mid-Flood	M	6.3	12:40	7.49	8.13	31.38	21.95	3.26	7	114	0.152	W
CR1	20200104	Cloudy	Moderate	Mid-Flood	S	1	12:41	7.48	8.31	31.48	21.97	3	4	114	0.27	NW
CR1	20200104	Cloudy	Moderate	Mid-Flood	S	1	12:41	7.48	8.19	31.48	21.98	3.11	5	115	0.234	W
CR2	20200104	Cloudy	Moderate	Mid-Flood	B	10.5	13:10	8.25	8.12	30.91	22.07	3.67	4	114	0.312	W
CR2	20200104	Cloudy	Moderate	Mid-Flood	B	10.5	13:10	7.67	8.38	31.27	22.07	3.78	5	115	0.242	W
CR2	20200104	Cloudy	Moderate	Mid-Flood	M	5.75	13:11	7.91	8.15	31.21	21.98	2.97	6	114	0.295	W
CR2	20200104	Cloudy	Moderate	Mid-Flood	M	5.75	13:11	7.74	8.24	31.34	21.92	3.13	5	114	0.196	W
CR2	20200104	Cloudy	Moderate	Mid-Flood	S	1	13:12	7.73	8.3	31.23	21.99	2.81	7	114	0.199	W
CR2	20200104	Cloudy	Moderate	Mid-Flood	S	1	13:12	8.12	8.27	31.09	22.07	2.95	8	114	0.139	W
F1A	20200104	Cloudy	Moderate	Mid-Flood	B	7.4	14:01	7.66	8.23	31.36	21.92	3.58	6	114	0.32	W
F1A	20200104	Cloudy	Moderate	Mid-Flood	B	7.4	14:01	7.89	8.19	31.08	21.93	3.52	7	114	0.263	W
F1A	20200104	Cloudy	Moderate	Mid-Flood	M	4.2	14:02	7.65	8.38	31.15	21.9	3.02	7	115	0.227	W
F1A	20200104	Cloudy	Moderate	Mid-Flood	M	4.2	14:02	7.98	8.11	31.35	22.07	3.08	7	114	0.267	W
F1A	20200104	Cloudy	Moderate	Mid-Flood	S	1	14:03	7.55	8.05	31.13	22.03	3.02	10	115	0.282	W
F1A	20200104	Cloudy	Moderate	Mid-Flood	S	1	14:03	7.88	8.1	31.2	21.85	2.79	10	114	0.161	W
H1	20200104	Cloudy	Moderate	Mid-Flood	B	7.1	13:08	7.45	8.29	31.19	21.98	3.79	7	114	0.168	W
H1	20200104	Cloudy	Moderate	Mid-Flood	B	7.1	13:08	7.61	8.15	31.22	22.21	3.35	6	114	0.23	W
H1	20200104	Cloudy	Moderate	Mid-Flood	M	4.05	13:09	8.19	8.2	31.55	22.02	3.29	7	115	0.139	NW
H1	20200104	Cloudy	Moderate	Mid-Flood	M	4.05	13:09	8.05	8.08	31.3	22.01	3.21	6	115	0.142	W
H1	20200104	Cloudy	Moderate	Mid-Flood	S	1	13:10	8.31	8.22	31.55	22.06	2.78	5	114	0.198	W
H1	20200104	Cloudy	Moderate	Mid-Flood	S	1	13:10	7.61	8.18	31.08	21.99	2.72	5	114	0.177	W
M1	20200104	Cloudy	Moderate	Mid-Flood	B	7	14:31	8.16	8.33	30.97	21.92	3.34	5	115	0.178	W
M1	20200104	Cloudy	Moderate	Mid-Flood	B	7	14:31	8.02	8.31	31.18	22.05	3.84	5	114	0.273	W
M1	20200104	Cloudy	Moderate	Mid-Flood	M	4	14:32	7.6	8.06	31.32	21.98	3.31	8	114	0.229	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
M1	20200104	Cloudy	Moderate	Mid-Flood	M	4	14:32	8.14	8.39	31.41	21.94	3.17	6	114	0.288	NW
M1	20200104	Cloudy	Moderate	Mid-Flood	S	1	14:33	7.55	8.32	31.43	21.86	3.27	8	114	0.163	W
M1	20200104	Cloudy	Moderate	Mid-Flood	S	1	14:33	7.84	8.21	31.43	22.01	2.83	9	114	0.205	NW
S1	20200104	Cloudy	Moderate	Mid-Flood	B	4.4	14:07	7.58	8.07	31.45	22.03	3.77	8	114	0.146	W
S1	20200104	Cloudy	Moderate	Mid-Flood	B	4.4	14:07	8.09	8.1	31.32	22.1	3.79	8	115	0.264	NW
S1	20200104	Cloudy	Moderate	Mid-Flood	S	1	14:08	7.79	8.2	31.41	22.01	3.25	6	115	0.188	NW
S1	20200104	Cloudy	Moderate	Mid-Flood	S	1	14:08	7.92	8.26	31.37	21.89	2.73	6	115	0.281	W
S2A	20200104	Cloudy	Moderate	Mid-Flood	B	8.7	13:35	7.82	8.29	31.1	21.95	3.6	2	114	0.287	W
S2A	20200104	Cloudy	Moderate	Mid-Flood	B	8.7	13:35	7.52	8.35	31.14	22.05	3.66	2	114	0.263	W
S2A	20200104	Cloudy	Moderate	Mid-Flood	M	2.3	13:37	8.2	8.1	31.38	21.88	3.48	6	114	0.303	W
S2A	20200104	Cloudy	Moderate	Mid-Flood	M	2.3	13:37	7.46	8.08	31.26	21.86	3.01	5	115	0.25	W
S2A	20200104	Cloudy	Moderate	Mid-Flood	S	1	13:39	7.78	8.17	31.07	22.09	2.78	8	115	0.178	NW
S2A	20200104	Cloudy	Moderate	Mid-Flood	S	1	13:39	7.83	8.22	31.09	22.15	3.31	7	113	0.178	W
S3	20200104	Cloudy	Moderate	Mid-Flood	B	9.6	12:56	8.08	8.08	31.15	21.97	3.74	8	115	0.158	W
S3	20200104	Cloudy	Moderate	Mid-Flood	B	9.6	12:56	8.26	8.27	31.08	22.24	3.76	7	115	0.174	W
S3	20200104	Cloudy	Moderate	Mid-Flood	M	5.3	12:57	7.55	8.1	31.39	22.16	3.24	7	115	0.148	W
S3	20200104	Cloudy	Moderate	Mid-Flood	M	5.3	12:57	7.67	8.18	31.35	22.01	3.01	7	114	0.273	NW
S3	20200104	Cloudy	Moderate	Mid-Flood	S	1	12:58	7.91	8.31	31.34	22.22	2.94	6	115	0.302	W
S3	20200104	Cloudy	Moderate	Mid-Flood	S	1	12:58	8.02	8.14	30.93	22.09	3.24	7	114	0.155	W
B1	20200106	Cloudy	Moderate	Mid-Ebb	B	4.2	8:25	7.78	8.07	31.88	20.4	2.57	2	114	0.237	E
B1	20200106	Cloudy	Moderate	Mid-Ebb	B	4.2	8:25	7.47	8.24	32.19	20.2	2.82	3	115	0.122	SE
B1	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:26	7.52	7.98	31.89	20.14	2.03	2	114	0.192	SE
B1	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:26	7.63	8.15	32.31	20.39	2.5	3	114	0.16	SE
B2	20200106	Cloudy	Moderate	Mid-Ebb	B	4.7	8:46	7.79	8.17	32.38	20.32	2.91	2	115	0.249	E
B2	20200106	Cloudy	Moderate	Mid-Ebb	B	4.7	8:46	7.48	8.11	31.91	20.45	2.57	2	114	0.122	SE
B2	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:47	7.59	8.22	32.11	20.37	2.51	3	116	0.275	SE
B2	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:47	7.42	8.23	31.82	20.23	2.43	3	114	0.198	SE
B3	20200106	Cloudy	Moderate	Mid-Ebb	B	3.9	9:09	7.7	8.14	31.96	20.35	3.09	3	115	0.221	SE

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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
B3	20200106	Cloudy	Moderate	Mid-Ebb	B	3.9	9:09	7.29	8.06	32.16	20.35	3	2	116	0.221	E
B3	20200106	Cloudy	Moderate	Mid-Ebb	S	1	9:10	7.28	7.97	31.97	20.37	2.2	2	114	0.144	E
B3	20200106	Cloudy	Moderate	Mid-Ebb	S	1	9:10	7.46	8.19	32.32	20.48	2	3	114	0.164	E
B4	20200106	Cloudy	Moderate	Mid-Ebb	B	3.6	8:57	7.63	8.05	32.02	20.5	3.15	3	115	0.25	SE
B4	20200106	Cloudy	Moderate	Mid-Ebb	B	3.6	8:57	7.64	8.02	32.15	20.31	2.96	3	114	0.148	SE
B4	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:58	7.3	8.19	32.29	20.33	2.15	2	114	0.171	E
B4	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:58	7.78	8.08	31.89	20.47	2.13	3	115	0.222	E
C1A	20200106	Cloudy	Moderate	Mid-Ebb	B	9.7	8:00	7.44	8.1	31.94	20.39	3.03	2	116	0.237	SE
C1A	20200106	Cloudy	Moderate	Mid-Ebb	B	9.7	8:00	7.65	8.16	31.99	20.39	2.59	3	115	0.274	E
C1A	20200106	Cloudy	Moderate	Mid-Ebb	M	5.35	8:01	7.71	7.99	32.14	20.31	2.1	3	115	0.183	SE
C1A	20200106	Cloudy	Moderate	Mid-Ebb	M	5.35	8:01	7.66	8.11	32.25	20.16	2.45	3	115	0.218	SE
C1A	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:02	7.73	7.96	31.82	20.16	2.43	3	114	0.261	SE
C1A	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:02	7.35	8.04	32.4	20.19	2.42	3	115	0.207	E
C2A	20200106	Cloudy	Moderate	Mid-Ebb	B	10.9	9:29	7.46	8	31.9	20.6	2.96	3	115	0.277	SE
C2A	20200106	Cloudy	Moderate	Mid-Ebb	B	10.9	9:29	7.48	8.19	32.33	20.44	2.84	2	114	0.204	SE
C2A	20200106	Cloudy	Moderate	Mid-Ebb	M	5.95	9:30	7.4	8.18	31.87	20.57	2.3	3	116	0.214	SE
C2A	20200106	Cloudy	Moderate	Mid-Ebb	M	5.95	9:30	7.58	8.13	32.03	20.37	2.04	3	116	0.16	SE
C2A	20200106	Cloudy	Moderate	Mid-Ebb	S	1	9:31	7.75	7.96	32.38	20.54	1.96	3	115	0.274	SE
C2A	20200106	Cloudy	Moderate	Mid-Ebb	S	1	9:31	7.7	8.08	31.85	20.51	2.02	2	115	0.207	SE
CR1	20200106	Cloudy	Moderate	Mid-Ebb	B	11.4	10:28	7.76	8.02	32.16	20.59	2.67	3	115	0.16	E
CR1	20200106	Cloudy	Moderate	Mid-Ebb	B	11.4	10:28	7.7	8.04	32.2	20.53	2.58	3	115	0.17	SE
CR1	20200106	Cloudy	Moderate	Mid-Ebb	M	6.2	10:29	7.44	8.13	31.94	20.46	2.07	4	114	0.139	SE
CR1	20200106	Cloudy	Moderate	Mid-Ebb	M	6.2	10:29	7.68	7.98	31.92	20.44	2.26	3	115	0.185	E
CR1	20200106	Cloudy	Moderate	Mid-Ebb	S	1	10:30	7.28	8.24	32.27	20.54	2.3	4	115	0.181	SE
CR1	20200106	Cloudy	Moderate	Mid-Ebb	S	1	10:30	7.62	8.23	32.12	20.47	2.2	4	115	0.256	E
CR2	20200106	Cloudy	Moderate	Mid-Ebb	B	10.1	9:54	7.58	8.15	31.87	20.6	2.63	4	114	0.163	SE
CR2	20200106	Cloudy	Moderate	Mid-Ebb	B	10.1	9:54	7.34	7.97	32.22	20.45	2.72	4	115	0.191	SE
CR2	20200106	Cloudy	Moderate	Mid-Ebb	M	5.55	9:55	7.48	8.01	32.03	20.43	2.13	4	115	0.15	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
CR2	20200106	Cloudy	Moderate	Mid-Ebb	M	5.55	9:55	7.66	8.03	32.28	20.61	2.26	4	115	0.173	SE
CR2	20200106	Cloudy	Moderate	Mid-Ebb	S	1	9:56	7.37	8.21	32.32	20.53	2.37	3	115	0.239	E
CR2	20200106	Cloudy	Moderate	Mid-Ebb	S	1	9:56	7.79	8.16	32.1	20.47	2.11	4	115	0.256	SE
F1A	20200106	Cloudy	Moderate	Mid-Ebb	B	7.7	8:33	7.43	7.99	31.87	20.43	2.76	3	116	0.212	E
F1A	20200106	Cloudy	Moderate	Mid-Ebb	B	7.7	8:33	7.33	7.98	32.38	20.36	2.64	3	115	0.23	SE
F1A	20200106	Cloudy	Moderate	Mid-Ebb	M	4.35	8:34	7.74	7.98	32.06	20.38	2.21	4	116	0.156	SE
F1A	20200106	Cloudy	Moderate	Mid-Ebb	M	4.35	8:34	7.76	7.97	32.19	20.41	2.22	4	115	0.217	SE
F1A	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:35	7.77	8.21	32.09	20.2	2.29	6	116	0.21	E
F1A	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:35	7.28	8.05	32.22	20.14	2.24	5	115	0.142	SE
H1	20200106	Cloudy	Moderate	Mid-Ebb	B	7	9:34	7.69	8.06	32.27	20.6	2.94	2	114	0.193	SE
H1	20200106	Cloudy	Moderate	Mid-Ebb	B	7	9:34	7.28	8.13	31.86	20.33	2.89	2	115	0.241	SE
H1	20200106	Cloudy	Moderate	Mid-Ebb	M	4	9:35	7.43	7.96	32.1	20.36	2.44	3	115	0.166	E
H1	20200106	Cloudy	Moderate	Mid-Ebb	M	4	9:35	7.61	8.22	31.99	20.5	2.02	3	115	0.218	SE
H1	20200106	Cloudy	Moderate	Mid-Ebb	S	1	9:36	7.54	8.04	31.87	20.33	2.18	4	115	0.139	SE
H1	20200106	Cloudy	Moderate	Mid-Ebb	S	1	9:36	7.74	8.04	32.38	20.61	2.38	3	115	0.159	E
M1	20200106	Cloudy	Moderate	Mid-Ebb	B	8.4	8:01	7.66	8.08	32.07	20.19	2.79	4	116	0.271	E
M1	20200106	Cloudy	Moderate	Mid-Ebb	B	8.4	8:01	7.52	8.18	32.14	20.23	2.8	4	115	0.28	SE
M1	20200106	Cloudy	Moderate	Mid-Ebb	M	4.7	8:02	7.54	8.23	32.21	20.1	2.24	2	114	0.19	SE
M1	20200106	Cloudy	Moderate	Mid-Ebb	M	4.7	8:02	7.36	8.17	31.88	20.16	2.11	<2	114	0.14	SE
M1	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:03	7.59	8.12	32.35	20.16	2.09	2	114	0.201	SE
M1	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:03	7.65	8.01	31.88	20.38	2.4	<2	115	0.268	SE
S1	20200106	Cloudy	Moderate	Mid-Ebb	B	4.5	8:36	7.32	8.19	32.03	20.4	2.83	3	115	0.173	SE
S1	20200106	Cloudy	Moderate	Mid-Ebb	B	4.5	8:36	7.76	8.15	32.05	20.35	2.9	2	115	0.26	SE
S1	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:37	7.34	8.05	32.29	20.41	2.11	2	114	0.118	SE
S1	20200106	Cloudy	Moderate	Mid-Ebb	S	1	8:37	7.65	8.18	31.87	20.32	2.03	2	114	0.121	SE
S2A	20200106	Cloudy	Moderate	Mid-Ebb	B	7.7	9:13	7.48	7.99	32.14	20.26	2.51	4	114	0.244	SE
S2A	20200106	Cloudy	Moderate	Mid-Ebb	B	7.7	9:13	7.75	8.16	32.34	20.28	2.63	3	114	0.249	SE
S2A	20200106	Cloudy	Moderate	Mid-Ebb	M	4.35	9:14	7.61	8.23	31.81	20.33	2.38	<2	115	0.167	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
S2A	20200106	Cloudy	Moderate	Mid-Ebb	M	4.35	9:14	7.73	8.09	31.89	20.31	2.23	3	114	0.251	E
S2A	20200106	Cloudy	Moderate	Mid-Ebb	S	1	9:15	7.49	8.12	31.88	20.4	2.16	2	114	0.182	E
S2A	20200106	Cloudy	Moderate	Mid-Ebb	S	1	9:15	7.41	8.23	32.12	20.35	2.49	2	114	0.229	E
S3	20200106	Cloudy	Moderate	Mid-Ebb	B	9.3	10:05	7.67	8.15	31.93	20.47	3.11	<2	115	0.264	SE
S3	20200106	Cloudy	Moderate	Mid-Ebb	B	9.3	10:05	7.74	8.06	32.11	20.61	2.85	<2	115	0.238	E
S3	20200106	Cloudy	Moderate	Mid-Ebb	M	5.15	10:06	7.68	8.01	32.22	20.58	2.54	2	114	0.233	SE
S3	20200106	Cloudy	Moderate	Mid-Ebb	M	5.15	10:06	7.56	8.04	32.27	20.51	2.16	2	114	0.122	SE
S3	20200106	Cloudy	Moderate	Mid-Ebb	S	1	10:07	7.47	8.14	31.87	20.62	2.28	3	114	0.179	SE
S3	20200106	Cloudy	Moderate	Mid-Ebb	S	1	10:07	7.72	8.18	32.09	20.52	2.27	3	116	0.154	E
B1	20200106	Cloudy	Moderate	Mid-Flood	B	3.8	13:26	7.39	8.17	32.33	20.89	2.69	2	116	0.269	W
B1	20200106	Cloudy	Moderate	Mid-Flood	B	3.8	13:26	7.19	8.23	32.45	21.08	2.53	3	115	0.193	W
B1	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:27	7.55	8.16	32.52	20.92	2.23	5	117	0.194	W
B1	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:27	7.69	8.02	32.34	21.06	1.97	5	115	0.206	W
B2	20200106	Cloudy	Moderate	Mid-Flood	B	4.1	13:49	7.16	8.13	32.35	20.95	2.96	2	115	0.195	NW
B2	20200106	Cloudy	Moderate	Mid-Flood	B	4.1	13:49	7.35	8.07	32.39	20.98	2.49	2	117	0.279	NW
B2	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:50	7.44	8.15	32.3	20.88	1.97	<2	116	0.239	W
B2	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:50	7.28	8.03	32.31	20.95	2.18	<2	116	0.205	NW
B3	20200106	Cloudy	Moderate	Mid-Flood	B	3.3	13:18	7.54	8.17	32.33	20.89	2.69	3	115	0.241	W
B3	20200106	Cloudy	Moderate	Mid-Flood	B	3.3	13:18	7.37	7.99	32.39	20.83	3.15	3	115	0.213	W
B3	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:19	7.26	8.1	32.44	20.89	2.6	2	115	0.271	W
B3	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:19	7.51	8.19	32.49	20.93	2.13	2	115	0.184	W
B4	20200106	Cloudy	Moderate	Mid-Flood	B	3.9	13:29	7.46	8.17	32.43	21.06	2.95	2	115	0.255	NW
B4	20200106	Cloudy	Moderate	Mid-Flood	B	3.9	13:29	7.7	8.13	32.51	20.94	3	3	115	0.258	W
B4	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:30	7.5	8.09	32.53	20.91	2.04	2	116	0.226	W
B4	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:30	7.28	8.23	32.36	20.96	2.41	2	115	0.272	W
C1A	20200106	Cloudy	Moderate	Mid-Flood	B	9	13:01	7.27	8.03	32.56	20.99	2.49	2	115	0.214	W
C1A	20200106	Cloudy	Moderate	Mid-Flood	B	9	13:01	7.59	8.22	32.36	21.09	2.59	2	116	0.201	W
C1A	20200106	Cloudy	Moderate	Mid-Flood	M	5	13:02	7.27	8.05	32.45	20.96	2.24	3	116	0.231	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
C1A	20200106	Cloudy	Moderate	Mid-Flood	M	5	13:02	7.29	7.95	32.51	21	2.38	3	116	0.23	NW
C1A	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:03	7.36	8.07	32.34	21.03	2.45	6	114	0.241	NW
C1A	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:03	7.3	8.14	32.35	20.81	2.46	5	116	0.177	NW
C2A	20200106	Cloudy	Moderate	Mid-Flood	B	10.3	13:01	7.21	8.02	32.57	20.82	2.6	2	116	0.248	W
C2A	20200106	Cloudy	Moderate	Mid-Flood	B	10.3	13:01	7.62	8.22	32.5	20.99	3	2	116	0.221	W
C2A	20200106	Cloudy	Moderate	Mid-Flood	M	5.65	13:02	7.27	7.97	32.4	21.04	2.51	3	116	0.209	NW
C2A	20200106	Cloudy	Moderate	Mid-Flood	M	5.65	13:02	7.46	8.21	32.49	20.87	2.57	3	116	0.242	NW
C2A	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:03	7.39	8.22	32.3	20.85	2.25	3	116	0.172	W
C2A	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:03	7.69	8.2	32.51	21.01	2.46	3	116	0.244	W
CR1	20200106	Cloudy	Moderate	Mid-Flood	B	11.3	15:22	7.4	7.99	32.33	20.89	3.06	<2	115	0.276	W
CR1	20200106	Cloudy	Moderate	Mid-Flood	B	11.3	15:22	7.64	8.16	32.5	20.83	2.69	2	115	0.282	W
CR1	20200106	Cloudy	Moderate	Mid-Flood	M	6.15	15:23	7.45	8.23	32.37	20.85	2.46	3	115	0.251	NW
CR1	20200106	Cloudy	Moderate	Mid-Flood	M	6.15	15:23	7.23	8.11	32.44	20.81	2.18	3	116	0.178	NW
CR1	20200106	Cloudy	Moderate	Mid-Flood	S	1	15:24	7.56	8.05	32.36	21.03	2.5	3	115	0.205	NW
CR1	20200106	Cloudy	Moderate	Mid-Flood	S	1	15:24	7.46	8.02	32.36	20.97	2.41	2	115	0.178	W
CR2	20200106	Cloudy	Moderate	Mid-Flood	B	10.2	14:57	7.58	8.13	32.42	20.85	3.04	3	116	0.171	W
CR2	20200106	Cloudy	Moderate	Mid-Flood	B	10.2	14:57	7.7	8.01	32.45	21.08	2.53	3	116	0.223	NW
CR2	20200106	Cloudy	Moderate	Mid-Flood	M	5.6	14:58	7.22	8.07	32.39	20.87	2.26	3	116	0.196	W
CR2	20200106	Cloudy	Moderate	Mid-Flood	M	5.6	14:58	7.44	8.2	32.38	20.85	2.21	3	115	0.261	W
CR2	20200106	Cloudy	Moderate	Mid-Flood	S	1	14:59	7.44	8.1	32.52	21.1	2.53	2	115	0.255	W
CR2	20200106	Cloudy	Moderate	Mid-Flood	S	1	14:59	7.67	8.06	32.3	20.96	2.47	3	115	0.282	W
F1A	20200106	Cloudy	Moderate	Mid-Flood	B	7	14:06	7.64	8.06	32.34	20.86	3.06	3	116	0.24	W
F1A	20200106	Cloudy	Moderate	Mid-Flood	B	7	14:06	7.24	8.09	32.38	20.98	2.96	4	115	0.238	W
F1A	20200106	Cloudy	Moderate	Mid-Flood	M	4	14:07	7.54	8.2	32.6	20.9	2.41	3	115	0.185	NW
F1A	20200106	Cloudy	Moderate	Mid-Flood	M	4	14:07	7.55	8.11	32.57	20.94	2.26	3	115	0.223	NW
F1A	20200106	Cloudy	Moderate	Mid-Flood	S	1	14:08	7.21	8.05	32.44	21.01	1.96	2	117	0.235	W
F1A	20200106	Cloudy	Moderate	Mid-Flood	S	1	14:08	7.55	8.22	32.47	21	2.04	2	115	0.266	W
H1	20200106	Cloudy	Moderate	Mid-Flood	B	7.4	14:37	7.29	8.13	32.34	21.06	3.02	3	115	0.209	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
H1	20200106	Cloudy	Moderate	Mid-Flood	B	7.4	14:37	7.18	7.99	32.59	20.97	2.53	4	115	0.231	W
H1	20200106	Cloudy	Moderate	Mid-Flood	M	4.2	14:38	7.7	8.11	32.31	20.87	2.55	2	115	0.184	W
H1	20200106	Cloudy	Moderate	Mid-Flood	M	4.2	14:38	7.5	7.95	32.55	20.83	2.53	2	116	0.264	NW
H1	20200106	Cloudy	Moderate	Mid-Flood	S	1	14:39	7.55	8.09	32.6	21.04	2.18	<2	115	0.233	W
H1	20200106	Cloudy	Moderate	Mid-Flood	S	1	14:39	7.23	8.08	32.38	20.93	2.35	2	116	0.276	W
M1	20200106	Cloudy	Moderate	Mid-Flood	B	6.6	14:31	7.56	8.13	32.32	21.03	3.06	2	115	0.232	W
M1	20200106	Cloudy	Moderate	Mid-Flood	B	6.6	14:31	7.59	8.12	32.54	20.96	2.84	3	114	0.194	W
M1	20200106	Cloudy	Moderate	Mid-Flood	M	3.8	14:32	7.17	8.07	32.39	21.02	2.37	2	115	0.172	NW
M1	20200106	Cloudy	Moderate	Mid-Flood	M	3.8	14:32	7.6	8.04	32.33	21.04	2.72	2	115	0.262	NW
M1	20200106	Cloudy	Moderate	Mid-Flood	S	1	14:33	7.48	7.95	32.44	21.06	2.49	2	116	0.197	W
M1	20200106	Cloudy	Moderate	Mid-Flood	S	1	14:33	7.26	7.97	32.54	21.06	2.15	2	114	0.225	W
S1	20200106	Cloudy	Moderate	Mid-Flood	B	4.2	13:37	7.27	8.1	32.3	20.8	2.89	2	115	0.261	W
S1	20200106	Cloudy	Moderate	Mid-Flood	B	4.2	13:37	7.66	8.19	32.33	21.01	2.64	2	115	0.168	W
S1	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:38	7.68	8.23	32.33	21.1	2.24	3	115	0.213	W
S1	20200106	Cloudy	Moderate	Mid-Flood	S	1	13:38	7.28	8.02	32.56	20.84	2.26	2	116	0.192	W
S2A	20200106	Cloudy	Moderate	Mid-Flood	B	8.3	14:16	7.17	7.97	32.42	20.88	2.97	3	117	0.26	NW
S2A	20200106	Cloudy	Moderate	Mid-Flood	B	8.3	14:16	7.34	8.17	32.49	21.04	2.75	3	116	0.281	W
S2A	20200106	Cloudy	Moderate	Mid-Flood	M	4.65	14:17	7.5	8.2	32.43	20.98	2.25	2	116	0.208	W
S2A	20200106	Cloudy	Moderate	Mid-Flood	M	4.65	14:17	7.18	8.02	32.37	20.94	2.21	2	116	0.175	W
S2A	20200106	Cloudy	Moderate	Mid-Flood	S	1	14:18	7.16	7.97	32.32	21.07	2.02	<2	116	0.207	W
S2A	20200106	Cloudy	Moderate	Mid-Flood	S	1	14:18	7.23	8.14	32.51	20.91	2.19	<2	117	0.197	W
S3	20200106	Cloudy	Moderate	Mid-Flood	B	9	15:06	7.5	8.08	32.46	21.04	3.08	2	116	0.267	W
S3	20200106	Cloudy	Moderate	Mid-Flood	B	9	15:06	7.64	8.07	32.53	20.99	2.89	2	115	0.244	W
S3	20200106	Cloudy	Moderate	Mid-Flood	M	5	15:07	7.66	8.15	32.58	21	2.67	3	116	0.234	W
S3	20200106	Cloudy	Moderate	Mid-Flood	M	5	15:07	7.33	8.17	32.37	20.93	2.3	3	115	0.275	W
S3	20200106	Cloudy	Moderate	Mid-Flood	S	1	15:08	7.31	8.02	32.53	21.1	2.17	- Note 3	116	0.236	NW
S3	20200106	Cloudy	Moderate	Mid-Flood	S	1	15:08	7.46	8.2	32.33	20.89	2.22	3	116	0.261	W
B1	20200108	Sunny	Moderate	Mid-Ebb	B	3.7	9:24	7.76	8.11	31.54	20.5	2.82	6	116	0.268	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level 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	20200108	Sunny	Moderate	Mid-Ebb	B	3.7	9:24	7.77	8.18	31.2	20.33	2.99	6	115	0.282	SE
B1	20200108	Sunny	Moderate	Mid-Ebb	S	1	9:25	7.57	8.22	31.59	20.57	2.33	5	116	0.242	E
B1	20200108	Sunny	Moderate	Mid-Ebb	S	1	9:25	7.61	8.06	31.53	20.52	2.13	6	114	0.178	SE
B2	20200108	Sunny	Moderate	Mid-Ebb	B	4	9:47	7.51	7.99	31.17	20.37	2.88	5	115	0.274	SE
B2	20200108	Sunny	Moderate	Mid-Ebb	B	4	9:47	7.56	8.22	31.35	20.53	3.05	5	116	0.205	SE
B2	20200108	Sunny	Moderate	Mid-Ebb	S	1	9:48	7.73	8.24	31.66	20.42	2.4	9	115	0.251	E
B2	20200108	Sunny	Moderate	Mid-Ebb	S	1	9:48	7.45	8.19	31.33	20.5	2.53	8	116	0.225	SE
B3	20200108	Sunny	Moderate	Mid-Ebb	B	3.8	10:33	7.89	8.21	31.33	20.74	2.88	5	114	0.169	SE
B3	20200108	Sunny	Moderate	Mid-Ebb	B	3.8	10:33	7.48	8.27	31.15	20.59	2.95	5	116	0.279	SE
B3	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:34	7.35	7.86	31.6	20.48	2.59	5	117	0.282	E
B3	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:34	7.87	8.12	31.2	20.54	2.36	4	116	0.147	SE
B4	20200108	Sunny	Moderate	Mid-Ebb	B	3.5	10:22	7.36	8.05	31.1	20.68	3.27	6	114	0.157	E
B4	20200108	Sunny	Moderate	Mid-Ebb	B	3.5	10:22	7.6	7.98	31.15	20.76	3.14	6	115	0.134	E
B4	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:23	7.5	8.07	31.37	20.52	2.49	6	114	0.279	SE
B4	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:23	7.7	7.8	31.34	20.5	2.52	6	115	0.146	E
C1A	20200108	Sunny	Moderate	Mid-Ebb	B	9	9:00	7.65	8	31.5	20.33	3.1	7	114	0.144	SE
C1A	20200108	Sunny	Moderate	Mid-Ebb	B	9	9:00	7.61	7.99	31.68	20.39	2.78	6	116	0.266	SE
C1A	20200108	Sunny	Moderate	Mid-Ebb	M	5	9:01	7.86	7.9	31.27	20.59	2.19	6	114	0.14	SE
C1A	20200108	Sunny	Moderate	Mid-Ebb	M	5	9:01	7.77	8.25	31.11	20.35	2.23	6	116	0.148	E
C1A	20200108	Sunny	Moderate	Mid-Ebb	S	1	9:02	7.76	7.91	31.49	20.33	2.54	7	114	0.271	SE
C1A	20200108	Sunny	Moderate	Mid-Ebb	S	1	9:02	7.39	7.78	31.61	20.57	2.42	6	116	0.261	SE
C2A	20200108	Sunny	Moderate	Mid-Ebb	B	10.3	11:07	7.34	8.17	31.24	20.69	2.67	7	114	0.131	E
C2A	20200108	Sunny	Moderate	Mid-Ebb	B	10.3	11:07	7.69	8.24	31.29	20.54	2.74	7	115	0.142	SE
C2A	20200108	Sunny	Moderate	Mid-Ebb	M	5.65	11:08	7.45	8.06	31.59	20.52	2.41	6	116	0.187	E
C2A	20200108	Sunny	Moderate	Mid-Ebb	M	5.65	11:08	7.86	7.82	31.57	20.54	2.27	6	114	0.241	SE
C2A	20200108	Sunny	Moderate	Mid-Ebb	S	1	11:09	7.4	8.01	31.56	20.54	2.05	6	116	0.214	SE
C2A	20200108	Sunny	Moderate	Mid-Ebb	S	1	11:09	7.47	7.89	31.63	20.59	2.36	7	114	0.254	E
CR1	20200108	Sunny	Moderate	Mid-Ebb	B	12.1	11:14	7.84	7.94	31.24	20.69	3.01	7	115	0.122	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level 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	20200108	Sunny	Moderate	Mid-Ebb	B	12.1	11:14	7.32	7.79	31.3	20.75	2.72	7	114	0.221	SE
CR1	20200108	Sunny	Moderate	Mid-Ebb	M	6.55	11:15	7.34	8.17	31.27	20.53	2.5	7	116	0.243	SE
CR1	20200108	Sunny	Moderate	Mid-Ebb	M	6.55	11:15	7.44	7.96	31.43	20.78	2.11	6	115	0.233	SE
CR1	20200108	Sunny	Moderate	Mid-Ebb	S	1	11:16	7.64	7.98	31.36	20.69	2.27	4	115	0.162	E
CR1	20200108	Sunny	Moderate	Mid-Ebb	S	1	11:16	7.4	7.94	31.18	20.53	2.36	5	115	0.222	SE
CR2	20200108	Sunny	Moderate	Mid-Ebb	B	10.1	10:41	7.87	8.11	31.2	20.7	3.15	6	113	0.198	E
CR2	20200108	Sunny	Moderate	Mid-Ebb	B	10.1	10:41	7.43	8.18	31.21	20.51	2.67	5	116	0.161	SE
CR2	20200108	Sunny	Moderate	Mid-Ebb	M	5.55	10:42	7.83	8.13	31.18	20.61	2.51	5	114	0.145	SE
CR2	20200108	Sunny	Moderate	Mid-Ebb	M	5.55	10:42	7.89	7.88	31.1	20.57	2.17	6	115	0.171	SE
CR2	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:43	7.77	7.88	31.31	20.64	2.26	6	115	0.25	SE
CR2	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:43	7.79	8.22	31.65	20.56	2.53	5	117	0.147	SE
F1A	20200108	Sunny	Moderate	Mid-Ebb	B	8.1	10:00	7.58	7.88	31.34	20.7	2.79	7	114	0.176	SE
F1A	20200108	Sunny	Moderate	Mid-Ebb	B	8.1	10:00	7.48	7.9	31.44	20.41	2.73	8	115	0.122	SE
F1A	20200108	Sunny	Moderate	Mid-Ebb	M	4.55	10:01	7.69	8.16	31.37	20.64	2.2	6	116	0.19	SE
F1A	20200108	Sunny	Moderate	Mid-Ebb	M	4.55	10:01	7.55	8.17	31.4	20.56	2.09	6	116	0.269	SE
F1A	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:02	7.34	7.85	31.15	20.7	2.06	7	115	0.219	SE
F1A	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:02	7.53	7.99	31.38	20.49	2.13	6	115	0.207	SE
H1	20200108	Sunny	Moderate	Mid-Ebb	B	7.2	10:45	7.7	8.22	31.42	20.57	2.86	6	115	0.137	E
H1	20200108	Sunny	Moderate	Mid-Ebb	B	7.2	10:45	7.75	7.86	31.56	20.58	3.11	6	114	0.16	SE
H1	20200108	Sunny	Moderate	Mid-Ebb	M	4.1	10:46	7.88	7.79	31.69	20.7	2.45	5	115	0.22	E
H1	20200108	Sunny	Moderate	Mid-Ebb	M	4.1	10:46	7.39	8.08	31.43	20.7	2.21	6	115	0.152	SE
H1	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:47	7.32	8.1	31.15	20.58	2.09	6	114	0.214	E
H1	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:47	7.55	8	31.39	20.8	2.37	5	115	0.219	E
M1	20200108	Sunny	Moderate	Mid-Ebb	B	8.6	9:30	7.86	8.25	31.42	20.33	2.69	3	115	0.16	E
M1	20200108	Sunny	Moderate	Mid-Ebb	B	8.6	9:30	7.51	7.98	31.68	20.34	2.8	4	114	0.222	SE
M1	20200108	Sunny	Moderate	Mid-Ebb	M	4.8	9:31	7.7	7.81	31.67	20.43	2.27	5	116	0.172	SE
M1	20200108	Sunny	Moderate	Mid-Ebb	M	4.8	9:31	7.33	7.87	31.52	20.44	2.59	4	115	0.216	SE
M1	20200108	Sunny	Moderate	Mid-Ebb	S	1	9:32	7.89	8.11	31.62	20.34	2.1	5	115	0.279	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
M1	20200108	Sunny	Moderate	Mid-Ebb	S	1	9:32	7.42	8.13	31.18	20.32	2.43	4	116	0.281	SE
S1	20200108	Sunny	Moderate	Mid-Ebb	B	3.8	9:35	7.32	8.12	31.29	20.3	2.71	7	114	0.227	SE
S1	20200108	Sunny	Moderate	Mid-Ebb	B	3.8	9:35	7.43	7.93	31.48	20.59	2.71	6	115	0.275	E
S1	20200108	Sunny	Moderate	Mid-Ebb	S	1	9:36	7.53	8.27	31.29	20.32	2.59	4	115	0.167	E
S1	20200108	Sunny	Moderate	Mid-Ebb	S	1	9:36	7.48	8.02	31.41	20.54	2.35	3	115	0.231	E
S2A	20200108	Sunny	Moderate	Mid-Ebb	B	8.4	10:15	7.39	8.16	31.67	20.44	2.85	3	114	0.24	SE
S2A	20200108	Sunny	Moderate	Mid-Ebb	B	8.4	10:15	7.77	7.8	31.7	20.6	2.62	4	115	0.199	E
S2A	20200108	Sunny	Moderate	Mid-Ebb	M	4.7	10:16	7.46	8.02	31.2	20.67	2.44	3	117	0.272	SE
S2A	20200108	Sunny	Moderate	Mid-Ebb	M	4.7	10:16	7.49	7.77	31.68	20.45	2.4	4	115	0.157	SE
S2A	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:17	7.54	8.23	31.24	20.46	2.56	2	114	0.201	E
S2A	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:17	7.35	7.84	31.41	20.41	2.48	3	115	0.124	SE
S3	20200108	Sunny	Moderate	Mid-Ebb	B	9.2	10:53	7.76	8.08	31.63	20.75	3.06	3	115	0.172	SE
S3	20200108	Sunny	Moderate	Mid-Ebb	B	9.2	10:53	7.78	7.95	31.32	20.51	3.06	3	115	0.264	SE
S3	20200108	Sunny	Moderate	Mid-Ebb	M	5.1	10:54	7.36	8.18	31.1	20.7	2.65	3	115	0.249	SE
S3	20200108	Sunny	Moderate	Mid-Ebb	M	5.1	10:54	7.66	7.78	31.7	20.77	2.17	4	117	0.207	E
S3	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:55	7.65	8.11	31.6	20.65	2.47	4	114	0.126	SE
S3	20200108	Sunny	Moderate	Mid-Ebb	S	1	10:55	7.86	8.06	31.3	20.81	2.4	4	115	0.131	SE
B1	20200108	Sunny	Moderate	Mid-Flood	B	4.4	14:28	7.3	8.23	31.94	20.95	2.9	- Note 3	115	0.281	W
B1	20200108	Sunny	Moderate	Mid-Flood	B	4.4	14:28	7.79	8.18	31.44	20.83	2.97	3	114	0.273	W
B1	20200108	Sunny	Moderate	Mid-Flood	S	1	14:29	7.3	8.12	31.9	21.15	2.55	<2	116	0.165	W
B1	20200108	Sunny	Moderate	Mid-Flood	S	1	14:29	7.78	8.2	31.6	21.08	2.37	2	113	0.168	NW
B2	20200108	Sunny	Moderate	Mid-Flood	B	4	14:49	7.72	7.99	31.65	20.89	2.94	3	114	0.263	W
B2	20200108	Sunny	Moderate	Mid-Flood	B	4	14:49	7.65	8.19	31.55	20.9	2.75	3	116	0.188	W
B2	20200108	Sunny	Moderate	Mid-Flood	S	1	14:50	7.63	8.05	31.87	20.96	2.22	3	115	0.149	W
B2	20200108	Sunny	Moderate	Mid-Flood	S	1	14:50	7.54	8.23	31.33	21.11	2.28	3	115	0.315	W
B3	20200108	Sunny	Moderate	Mid-Flood	B	3.8	14:36	7.87	8.08	31.71	20.95	3.38	3	115	0.277	W
B3	20200108	Sunny	Moderate	Mid-Flood	B	3.8	14:36	7.61	8.22	31.79	20.99	2.82	2	115	0.22	NW
B3	20200108	Sunny	Moderate	Mid-Flood	S	1	14:37	7.29	8.14	31.31	21.01	2.65	3	114	0.243	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
B3	20200108	Sunny	Moderate	Mid-Flood	S	1	14:37	7.83	8.08	31.95	21.03	2.57	2	114	0.254	W
B4	20200108	Sunny	Moderate	Mid-Flood	B	4.4	14:46	7.71	8.1	31.44	21.13	2.89	5	115	0.22	W
B4	20200108	Sunny	Moderate	Mid-Flood	B	4.4	14:46	7.32	8.21	31.45	21.09	2.95	4	115	0.252	W
B4	20200108	Sunny	Moderate	Mid-Flood	S	1	14:47	7.46	8.12	31.95	20.95	2.32	4	114	0.184	W
B4	20200108	Sunny	Moderate	Mid-Flood	S	1	14:47	7.37	7.99	31.67	20.89	2.39	5	114	0.213	W
C1A	20200108	Sunny	Moderate	Mid-Flood	B	10.6	14:02	7.67	8.21	31.24	21.02	2.9	3	115	0.138	W
C1A	20200108	Sunny	Moderate	Mid-Flood	B	10.6	14:02	7.75	8.03	31.9	21	2.73	4	115	0.282	W
C1A	20200108	Sunny	Moderate	Mid-Flood	M	5.8	14:03	7.59	7.99	31.69	21.05	2.32	5	115	0.321	W
C1A	20200108	Sunny	Moderate	Mid-Flood	M	5.8	14:03	7.74	8.1	31.78	21	2.84	4	116	0.225	NW
C1A	20200108	Sunny	Moderate	Mid-Flood	S	1	14:04	7.4	8.01	31.56	20.88	2.27	5	115	0.164	W
C1A	20200108	Sunny	Moderate	Mid-Flood	S	1	14:04	7.72	7.97	31.71	21.1	2.16	4	114	0.252	W
C2A	20200108	Sunny	Moderate	Mid-Flood	B	11	14:03	7.52	8.22	31.66	20.83	3.19	5	115	0.163	W
C2A	20200108	Sunny	Moderate	Mid-Flood	B	11	14:03	7.32	8.01	31.85	20.98	3.13	4	114	0.258	W
C2A	20200108	Sunny	Moderate	Mid-Flood	M	6	14:04	7.5	8.23	31.32	21.08	2.35	4	115	0.159	NW
C2A	20200108	Sunny	Moderate	Mid-Flood	M	6	14:04	7.35	8.02	31.5	21.09	2.59	4	115	0.26	W
C2A	20200108	Sunny	Moderate	Mid-Flood	S	1	14:05	7.82	8.09	31.46	20.82	2.28	3	114	0.183	W
C2A	20200108	Sunny	Moderate	Mid-Flood	S	1	14:05	7.41	8.03	31.81	20.88	2.5	3	115	0.19	W
CR1	20200108	Sunny	Moderate	Mid-Flood	B	11.5	16:18	7.62	8.15	31.92	20.73	2.78	3	115	0.188	W
CR1	20200108	Sunny	Moderate	Mid-Flood	B	11.5	16:18	7.35	8.01	31.71	20.8	3.13	4	116	0.271	NW
CR1	20200108	Sunny	Moderate	Mid-Flood	M	6.25	16:19	7.32	8	31.63	20.88	2.35	4	115	0.239	W
CR1	20200108	Sunny	Moderate	Mid-Flood	M	6.25	16:19	7.63	8.14	31.25	20.85	2.48	5	116	0.158	W
CR1	20200108	Sunny	Moderate	Mid-Flood	S	1	16:20	7.28	8.13	31.49	20.77	2.3	5	114	0.16	NW
CR1	20200108	Sunny	Moderate	Mid-Flood	S	1	16:20	7.3	8.17	31.56	20.93	2.36	6	115	0.22	W
CR2	20200108	Sunny	Moderate	Mid-Flood	B	10	15:45	7.38	8.11	31.85	20.75	2.99	6	115	0.314	W
CR2	20200108	Sunny	Moderate	Mid-Flood	B	10	15:45	7.44	8.05	31.35	20.86	2.82	6	116	0.236	W
CR2	20200108	Sunny	Moderate	Mid-Flood	M	5.5	15:46	7.6	8.01	31.55	20.91	2.31	5	115	0.2	W
CR2	20200108	Sunny	Moderate	Mid-Flood	M	5.5	15:46	7.74	8.09	31.33	20.93	2.3	5	114	0.236	NW
CR2	20200108	Sunny	Moderate	Mid-Flood	S	1	15:47	7.87	8.05	31.24	20.77	2.51	5	114	0.272	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
CR2	20200108	Sunny	Moderate	Mid-Flood	S	1	15:47	7.53	8.09	31.84	20.78	2.34	6	116	0.316	W
F1A	20200108	Sunny	Moderate	Mid-Flood	B	6.9	15:13	7.54	8.2	31.74	21	2.95	5	116	0.209	W
F1A	20200108	Sunny	Moderate	Mid-Flood	B	6.9	15:13	7.5	8.13	31.67	20.9	3.13	5	114	0.303	NW
F1A	20200108	Sunny	Moderate	Mid-Flood	M	3.95	15:14	7.88	7.96	31.43	20.91	2.8	5	115	0.292	NW
F1A	20200108	Sunny	Moderate	Mid-Flood	M	3.95	15:14	7.37	8.04	31.34	20.74	2.89	5	114	0.217	W
F1A	20200108	Sunny	Moderate	Mid-Flood	S	1	15:15	7.73	8.21	31.57	20.93	2.3	6	115	0.229	NW
F1A	20200108	Sunny	Moderate	Mid-Flood	S	1	15:15	7.73	8.17	31.79	20.99	2.18	6	115	0.274	W
H1	20200108	Sunny	Moderate	Mid-Flood	B	7.4	14:22	7.89	8.11	31.82	20.96	3.15	4	115	0.151	NW
H1	20200108	Sunny	Moderate	Mid-Flood	B	7.4	14:22	7.85	8.14	31.51	20.99	2.97	5	114	0.267	NW
H1	20200108	Sunny	Moderate	Mid-Flood	M	4.2	14:23	7.37	8.05	31.61	21.09	2.42	3	114	0.256	NW
H1	20200108	Sunny	Moderate	Mid-Flood	M	4.2	14:23	7.52	8	31.33	20.87	2.77	4	114	0.27	W
H1	20200108	Sunny	Moderate	Mid-Flood	S	1	14:24	7.72	8.13	31.46	21.11	2.45	3	114	0.231	W
H1	20200108	Sunny	Moderate	Mid-Flood	S	1	14:24	7.57	8.11	31.41	20.93	2.17	4	115	0.306	W
M1	20200108	Sunny	Moderate	Mid-Flood	B	7.3	15:34	7.64	8.11	31.22	21.02	2.76	6	116	0.304	W
M1	20200108	Sunny	Moderate	Mid-Flood	B	7.3	15:34	7.53	8.09	31.72	20.82	2.74	6	114	0.206	W
M1	20200108	Sunny	Moderate	Mid-Flood	M	4.15	15:35	7.27	8.15	31.94	20.77	2.78	4	116	0.317	W
M1	20200108	Sunny	Moderate	Mid-Flood	M	4.15	15:35	7.32	8.04	31.69	20.77	2.39	4	115	0.26	W
M1	20200108	Sunny	Moderate	Mid-Flood	S	1	15:36	7.79	8.18	31.4	21	2.64	5	115	0.293	NW
M1	20200108	Sunny	Moderate	Mid-Flood	S	1	15:36	7.6	8.04	31.75	21	2.55	5	115	0.234	W
S1	20200108	Sunny	Moderate	Mid-Flood	B	4.7	14:39	7.59	8.2	31.25	21.14	2.66	3	116	0.163	W
S1	20200108	Sunny	Moderate	Mid-Flood	B	4.7	14:39	7.75	8.1	31.95	20.82	2.69	4	114	0.321	NW
S1	20200108	Sunny	Moderate	Mid-Flood	S	1	14:40	7.47	8.12	31.34	20.83	2.38	4	115	0.299	NW
S1	20200108	Sunny	Moderate	Mid-Flood	S	1	14:40	7.63	8.02	31.29	20.86	2.68	3	114	0.305	W
S2A	20200108	Sunny	Moderate	Mid-Flood	B	8.6	15:18	7.82	8.11	31.35	20.89	2.81	5	114	0.173	W
S2A	20200108	Sunny	Moderate	Mid-Flood	B	8.6	15:18	7.85	8.23	31.89	20.93	3.09	6	116	0.184	W
S2A	20200108	Sunny	Moderate	Mid-Flood	M	4.8	15:19	7.78	7.99	31.65	20.8	2.6	5	114	0.214	W
S2A	20200108	Sunny	Moderate	Mid-Flood	M	4.8	15:19	7.89	8.08	31.51	21.01	2.8	6	114	0.169	W
S2A	20200108	Sunny	Moderate	Mid-Flood	S	1	15:20	7.34	8.22	31.39	20.79	2.37	5	114	0.273	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	20200108	Sunny	Moderate	Mid-Flood	S	1	15:20	7.74	8.03	31.7	21.04	2.33	5	115	0.18	W
S3	20200108	Sunny	Moderate	Mid-Flood	B	9.1	15:58	7.33	8.13	31.83	20.77	3.23	6	114	0.225	W
S3	20200108	Sunny	Moderate	Mid-Flood	B	9.1	15:58	7.74	7.95	31.33	20.68	2.8	5	116	0.307	W
S3	20200108	Sunny	Moderate	Mid-Flood	M	5.05	15:59	7.76	8.2	31.65	20.93	2.77	5	116	0.24	W
S3	20200108	Sunny	Moderate	Mid-Flood	M	5.05	15:59	7.87	8.02	31.59	20.9	2.84	6	114	0.205	W
S3	20200108	Sunny	Moderate	Mid-Flood	S	1	16:00	7.56	8.14	31.39	20.77	2.19	5	114	0.195	W
S3	20200108	Sunny	Moderate	Mid-Flood	S	1	16:00	7.91	8.05	31.49	20.8	2.62	4	115	0.14	W
B1	20200110	Sunny	Moderate	Mid-Ebb	B	3.7	10:42	7.34	8.18	31.56	21.36	2.28	4	114	0.21	SE
B1	20200110	Sunny	Moderate	Mid-Ebb	B	3.7	10:42	7.97	7.96	31.26	21.15	2.35	4	115	0.236	SE
B1	20200110	Sunny	Moderate	Mid-Ebb	S	1	10:43	7.69	8.08	31.41	21.12	2.04	4	115	0.189	SE
B1	20200110	Sunny	Moderate	Mid-Ebb	S	1	10:43	7.69	8.18	31.35	21.18	1.88	4	115	0.156	SE
B2	20200110	Sunny	Moderate	Mid-Ebb	B	4.4	11:01	7.63	8.17	31.35	21.35	2.39	3	115	0.186	SE
B2	20200110	Sunny	Moderate	Mid-Ebb	B	4.4	11:01	7.63	8.18	31.43	21.38	2.28	4	115	0.21	E
B2	20200110	Sunny	Moderate	Mid-Ebb	S	1	11:02	7.52	7.98	31.14	21.19	1.94	4	114	0.218	SE
B2	20200110	Sunny	Moderate	Mid-Ebb	S	1	11:02	7.56	7.97	31.41	21.4	2.08	4	114	0.249	SE
B3	20200110	Sunny	Moderate	Mid-Ebb	B	3.4	12:24	7.44	8.09	31.48	21.35	2.35	4	114	0.193	E
B3	20200110	Sunny	Moderate	Mid-Ebb	B	3.4	12:24	7.87	8.21	31.24	21.21	2.29	3	115	0.271	SE
B3	20200110	Sunny	Moderate	Mid-Ebb	S	1	12:25	7.94	8.22	31.34	21.19	1.91	4	115	0.277	SE
B3	20200110	Sunny	Moderate	Mid-Ebb	S	1	12:25	7.68	8.05	31.35	21.2	1.92	4	115	0.208	SE
B4	20200110	Sunny	Moderate	Mid-Ebb	B	3.1	12:14	7.61	7.99	31.51	21.2	2.3	4	114	0.245	SE
B4	20200110	Sunny	Moderate	Mid-Ebb	B	3.1	12:14	7.78	7.99	31.21	21.29	2.81	4	115	0.278	SE
B4	20200110	Sunny	Moderate	Mid-Ebb	S	1	12:15	7.7	8.14	31.4	21.35	1.98	3	115	0.21	SE
B4	20200110	Sunny	Moderate	Mid-Ebb	S	1	12:15	7.91	8.12	31.22	21.23	1.69	4	114	0.212	E
C1A	20200110	Sunny	Moderate	Mid-Ebb	B	8.8	10:20	7.96	8.19	31.43	21.18	2.42	4	115	0.186	SE
C1A	20200110	Sunny	Moderate	Mid-Ebb	B	8.8	10:20	7.4	8.22	31.35	21.4	2.27	4	115	0.237	SE
C1A	20200110	Sunny	Moderate	Mid-Ebb	M	4.9	10:21	7.7	8.21	31.23	21.15	2.08	5	114	0.171	SE
C1A	20200110	Sunny	Moderate	Mid-Ebb	M	4.9	10:21	7.94	8.09	31.37	21.2	1.98	4	115	0.249	E
C1A	20200110	Sunny	Moderate	Mid-Ebb	S	1	10:22	7.41	7.96	31.14	21.21	2.18	4	115	0.26	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level 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	20200110	Sunny	Moderate	Mid-Ebb	S	1	10:22	7.33	8.12	31.18	21.23	2.18	4	115	0.279	SE
C2A	20200110	Sunny	Moderate	Mid-Ebb	B	11.4	12:55	7.9	8.1	31.21	21.18	2.42	3	114	0.248	E
C2A	20200110	Sunny	Moderate	Mid-Ebb	B	11.4	12:55	7.59	8.13	31.55	21.35	2.19	4	115	0.217	SE
C2A	20200110	Sunny	Moderate	Mid-Ebb	M	6.2	12:56	7.74	8.17	31.14	21.36	1.89	4	114	0.215	E
C2A	20200110	Sunny	Moderate	Mid-Ebb	M	6.2	12:56	7.4	8.11	31.55	21.22	1.75	3	115	0.271	SE
C2A	20200110	Sunny	Moderate	Mid-Ebb	S	1	12:57	7.39	8.11	31.38	21.36	1.95	4	115	0.172	E
C2A	20200110	Sunny	Moderate	Mid-Ebb	S	1	12:57	7.56	8.15	31.45	21.29	1.89	4	115	0.229	E
CR1	20200110	Sunny	Moderate	Mid-Ebb	B	12.8	12:24	7.42	8.08	31.57	21.19	2.42	3	115	0.161	E
CR1	20200110	Sunny	Moderate	Mid-Ebb	B	12.8	12:24	7.89	7.98	31.49	21.2	2.42	3	115	0.245	SE
CR1	20200110	Sunny	Moderate	Mid-Ebb	M	6.9	12:25	7.96	8.12	31.49	21.2	1.88	4	115	0.277	E
CR1	20200110	Sunny	Moderate	Mid-Ebb	M	6.9	12:25	7.37	7.98	31.33	21.34	1.97	5	114	0.159	E
CR1	20200110	Sunny	Moderate	Mid-Ebb	S	1	12:26	7.32	7.98	31.15	21.34	2.03	4	114	0.207	SE
CR1	20200110	Sunny	Moderate	Mid-Ebb	S	1	12:26	7.59	7.99	31.26	21.32	1.74	4	114	0.198	E
CR2	20200110	Sunny	Moderate	Mid-Ebb	B	10.4	11:54	7.36	8.12	31.33	21.34	2.29	3	114	0.237	E
CR2	20200110	Sunny	Moderate	Mid-Ebb	B	10.4	11:54	7.7	8.23	31.53	21.29	2.58	3	115	0.172	SE
CR2	20200110	Sunny	Moderate	Mid-Ebb	M	5.7	11:55	7.99	8.21	31.12	21.33	2.16	4	114	0.146	SE
CR2	20200110	Sunny	Moderate	Mid-Ebb	M	5.7	11:55	7.39	8.04	31.1	21.4	2.01	3	114	0.235	SE
CR2	20200110	Sunny	Moderate	Mid-Ebb	S	1	11:56	7.68	8.01	31.16	21.33	2.19	4	114	0.244	SE
CR2	20200110	Sunny	Moderate	Mid-Ebb	S	1	11:56	7.39	8.18	31.56	21.35	1.82	4	114	0.232	SE
F1A	20200110	Sunny	Moderate	Mid-Ebb	B	8.1	11:49	7.39	8.13	31.39	21.3	2.41	3	114	0.237	SE
F1A	20200110	Sunny	Moderate	Mid-Ebb	B	8.1	11:49	7.59	7.97	31.24	21.39	2.68	3	115	0.279	SE
F1A	20200110	Sunny	Moderate	Mid-Ebb	M	4.55	11:50	7.96	8.09	31.26	21.28	1.99	4	114	0.254	SE
F1A	20200110	Sunny	Moderate	Mid-Ebb	M	4.55	11:50	7.36	8.23	31.21	21.23	2.19	3	115	0.159	SE
F1A	20200110	Sunny	Moderate	Mid-Ebb	S	1	11:51	7.69	8.19	31.46	21.23	1.71	3	115	0.212	SE
F1A	20200110	Sunny	Moderate	Mid-Ebb	S	1	11:51	7.97	7.98	31.38	21.28	1.87	4	114	0.227	SE
H1	20200110	Sunny	Moderate	Mid-Ebb	B	7.4	12:38	7.41	8.05	31.51	21.35	2.74	3	115	0.261	E
H1	20200110	Sunny	Moderate	Mid-Ebb	B	7.4	12:38	7.97	8.03	31.17	21.27	2.62	4	116	0.152	SE
H1	20200110	Sunny	Moderate	Mid-Ebb	M	4.2	12:39	7.68	7.98	31.22	21.24	2.07	2	115	0.196	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level 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	20200110	Sunny	Moderate	Mid-Ebb	M	4.2	12:39	7.74	8	31.19	21.26	2	4	116	0.252	E
H1	20200110	Sunny	Moderate	Mid-Ebb	S	1	12:40	7.81	8.2	31.34	21.35	1.75	4	114	0.2	E
H1	20200110	Sunny	Moderate	Mid-Ebb	S	1	12:40	7.66	8.22	31.23	21.36	1.67	4	114	0.189	SE
M1	20200110	Sunny	Moderate	Mid-Ebb	B	8.7	11:25	7.55	8.22	31.46	21.39	2.59	3	115	0.227	SE
M1	20200110	Sunny	Moderate	Mid-Ebb	B	8.7	11:25	7.8	8.22	31.21	21.38	2.37	3	115	0.201	SE
M1	20200110	Sunny	Moderate	Mid-Ebb	M	4.85	11:26	7.64	8.07	31.37	21.41	2.09	3	115	0.23	SE
M1	20200110	Sunny	Moderate	Mid-Ebb	M	4.85	11:26	7.94	7.99	31.26	21.3	1.82	3	114	0.281	E
M1	20200110	Sunny	Moderate	Mid-Ebb	S	1	11:27	7.69	8.13	31.37	21.35	2.03	2	115	0.267	SE
M1	20200110	Sunny	Moderate	Mid-Ebb	S	1	11:27	7.93	8.02	31.17	21.25	1.7	3	115	0.244	SE
S1	20200110	Sunny	Moderate	Mid-Ebb	B	4	10:51	7.39	8.06	31.4	21.24	2.5	4	114	0.188	SE
S1	20200110	Sunny	Moderate	Mid-Ebb	B	4	10:51	7.34	8.17	31.57	21.16	2.49	4	114	0.232	E
S1	20200110	Sunny	Moderate	Mid-Ebb	S	1	10:52	7.49	8.2	31.16	21.34	1.78	3	115	0.245	SE
S1	20200110	Sunny	Moderate	Mid-Ebb	S	1	10:52	7.89	8.03	31.44	21.33	1.63	3	114	0.202	SE
S2A	20200110	Sunny	Moderate	Mid-Ebb	B	8.1	11:29	7.4	8.16	31.49	21.4	2.3	7	115	0.276	E
S2A	20200110	Sunny	Moderate	Mid-Ebb	B	8.1	11:29	7.58	8.07	31.59	21.4	2.55	6	114	0.163	E
S2A	20200110	Sunny	Moderate	Mid-Ebb	M	4.55	11:30	7.74	8.16	31.18	21.41	2.06	5	114	0.175	E
S2A	20200110	Sunny	Moderate	Mid-Ebb	M	4.55	11:30	7.85	8.13	31.21	21.34	2.16	5	114	0.189	SE
S2A	20200110	Sunny	Moderate	Mid-Ebb	S	1	11:31	7.73	8.21	31.56	21.26	2.08	3	115	0.271	SE
S2A	20200110	Sunny	Moderate	Mid-Ebb	S	1	11:31	7.95	8.24	31.26	21.29	1.88	4	114	0.195	SE
S3	20200110	Sunny	Moderate	Mid-Ebb	B	8.8	12:06	7.96	8.15	31.43	21.3	2.5	5	115	0.259	SE
S3	20200110	Sunny	Moderate	Mid-Ebb	B	8.8	12:06	7.93	8.21	31.17	21.31	2.71	5	115	0.19	E
S3	20200110	Sunny	Moderate	Mid-Ebb	M	4.9	12:07	7.61	8.01	31.56	21.18	1.76	5	115	0.186	SE
S3	20200110	Sunny	Moderate	Mid-Ebb	M	4.9	12:07	7.97	8.13	31.44	21.25	2.18	4	114	0.228	SE
S3	20200110	Sunny	Moderate	Mid-Ebb	S	1	12:08	7.96	8.05	31.38	21.36	2	4	114	0.2	SE
S3	20200110	Sunny	Moderate	Mid-Ebb	S	1	12:08	7.47	8.11	31.57	21.18	1.74	4	114	0.157	SE
B1	20200110	Sunny	Moderate	Mid-Flood	B	4.4	15:45	7.39	8.02	31.54	20.64	2.54	3	115	0.201	NW
B1	20200110	Sunny	Moderate	Mid-Flood	B	4.4	15:45	7.51	8.23	31.4	20.5	2.38	3	114	0.201	W
B1	20200110	Sunny	Moderate	Mid-Flood	S	1	15:46	7.8	8.05	31.36	20.65	2.31	3	117	0.272	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	20200110	Sunny	Moderate	Mid-Flood	S	1	15:46	7.48	8.17	31.6	20.56	2.34	3	115	0.19	W
B2	20200110	Sunny	Moderate	Mid-Flood	B	3.7	16:04	7.43	8.07	31.2	20.67	2.62	4	114	0.245	W
B2	20200110	Sunny	Moderate	Mid-Flood	B	3.7	16:04	7.74	8.23	31.48	20.61	2.45	5	114	0.2	W
B2	20200110	Sunny	Moderate	Mid-Flood	S	1	16:05	7.6	7.96	31.56	20.7	2.09	2	114	0.241	NW
B2	20200110	Sunny	Moderate	Mid-Flood	S	1	16:05	7.68	7.98	31.3	20.69	2.04	3	115	0.255	W
B3	20200110	Sunny	Moderate	Mid-Flood	B	3.3	15:51	7.66	8.09	31.33	20.55	3.05	7	115	0.202	NW
B3	20200110	Sunny	Moderate	Mid-Flood	B	3.3	15:51	7.52	7.97	31.27	20.63	3.06	6	114	0.195	W
B3	20200110	Sunny	Moderate	Mid-Flood	S	1	15:52	7.6	7.95	31.49	20.52	2.06	4	114	0.26	W
B3	20200110	Sunny	Moderate	Mid-Flood	S	1	15:52	7.75	8.18	31.49	20.56	2.24	4	115	0.255	W
B4	20200110	Sunny	Moderate	Mid-Flood	B	4.3	16:02	7.66	8.22	31.55	20.66	2.67	5	115	0.255	W
B4	20200110	Sunny	Moderate	Mid-Flood	B	4.3	16:02	7.51	7.98	31.3	20.57	2.67	4	114	0.238	W
B4	20200110	Sunny	Moderate	Mid-Flood	S	1	16:03	7.44	8.09	31.27	20.7	1.89	3	114	0.218	W
B4	20200110	Sunny	Moderate	Mid-Flood	S	1	16:03	7.55	8.15	31.31	20.7	2.07	4	115	0.193	W
C1A	20200110	Sunny	Moderate	Mid-Flood	B	10.7	15:22	7.35	8.19	31.65	20.72	2.76	4	115	0.175	W
C1A	20200110	Sunny	Moderate	Mid-Flood	B	10.7	15:22	7.48	8.19	31.49	20.52	2.78	4	114	0.252	NW
C1A	20200110	Sunny	Moderate	Mid-Flood	M	5.85	15:23	7.43	8.16	31.34	20.62	2.12	3	115	0.198	W
C1A	20200110	Sunny	Moderate	Mid-Flood	M	5.85	15:23	7.58	8	31.21	20.76	2.19	4	114	0.231	NW
C1A	20200110	Sunny	Moderate	Mid-Flood	S	1	15:24	7.36	7.96	31.6	20.78	1.93	3	115	0.213	W
C1A	20200110	Sunny	Moderate	Mid-Flood	S	1	15:24	7.42	8.16	31.35	20.79	1.99	4	114	0.211	W
C2A	20200110	Sunny	Moderate	Mid-Flood	B	10.4	15:22	7.61	7.96	31.52	20.6	2.89	4	115	0.168	W
C2A	20200110	Sunny	Moderate	Mid-Flood	B	10.4	15:22	7.47	8	31.54	20.75	2.75	4	114	0.185	W
C2A	20200110	Sunny	Moderate	Mid-Flood	M	5.7	15:23	7.6	8.12	31.59	20.61	2.17	4	115	0.174	W
C2A	20200110	Sunny	Moderate	Mid-Flood	M	5.7	15:23	7.75	8.21	31.27	20.67	2.44	4	114	0.2	W
C2A	20200110	Sunny	Moderate	Mid-Flood	S	1	15:24	7.45	8.21	31.45	20.8	2.15	4	114	0.217	W
C2A	20200110	Sunny	Moderate	Mid-Flood	S	1	15:24	7.61	8.06	31.53	20.68	2.11	4	114	0.253	W
CR1	20200110	Sunny	Moderate	Mid-Flood	B	11.9	17:28	7.61	8.18	31.28	20.3	2.59	4	115	0.263	W
CR1	20200110	Sunny	Moderate	Mid-Flood	B	11.9	17:28	7.66	7.98	31.46	20.34	2.73	4	114	0.251	W
CR1	20200110	Sunny	Moderate	Mid-Flood	M	6.45	17:29	7.39	7.97	31.26	20.28	2.57	4	115	0.169	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
CR1	20200110	Sunny	Moderate	Mid-Flood	M	6.45	17:29	7.38	8.11	31.31	20.21	2.23	4	115	0.255	W
CR1	20200110	Sunny	Moderate	Mid-Flood	S	1	17:30	7.47	8.23	31.31	20.22	2.28	3	114	0.263	W
CR1	20200110	Sunny	Moderate	Mid-Flood	S	1	17:30	7.69	8.14	31.34	20.28	2.13	4	115	0.252	W
CR2	20200110	Sunny	Moderate	Mid-Flood	B	10.5	16:57	7.64	8.11	31.61	20.25	2.7	4	115	0.272	NW
CR2	20200110	Sunny	Moderate	Mid-Flood	B	10.5	16:57	7.36	8.23	31.63	20.38	2.76	4	114	0.197	W
CR2	20200110	Sunny	Moderate	Mid-Flood	M	5.75	16:58	7.44	8.18	31.31	20.35	2.27	4	114	0.178	W
CR2	20200110	Sunny	Moderate	Mid-Flood	M	5.75	16:58	7.76	7.98	31.3	20.28	2.03	4	115	0.223	W
CR2	20200110	Sunny	Moderate	Mid-Flood	S	1	16:59	7.66	8.02	31.24	20.3	2.23	3	114	0.208	W
CR2	20200110	Sunny	Moderate	Mid-Flood	S	1	16:59	7.56	7.95	31.4	20.32	2.07	3	114	0.226	W
F1A	20200110	Sunny	Moderate	Mid-Flood	B	7.8	16:28	7.56	8.11	31.47	20.67	2.42	5	115	0.219	W
F1A	20200110	Sunny	Moderate	Mid-Flood	B	7.8	16:28	7.55	8.21	31.44	20.48	2.47	4	115	0.238	NW
F1A	20200110	Sunny	Moderate	Mid-Flood	M	4.4	16:29	7.56	8.18	31.47	20.6	2.33	4	115	0.168	W
F1A	20200110	Sunny	Moderate	Mid-Flood	M	4.4	16:29	7.64	8.19	31.56	20.62	2.4	5	114	0.229	W
F1A	20200110	Sunny	Moderate	Mid-Flood	S	1	16:30	7.59	8.08	31.45	20.64	1.89	4	114	0.223	W
F1A	20200110	Sunny	Moderate	Mid-Flood	S	1	16:30	7.45	7.99	31.46	20.59	1.82	4	114	0.203	W
H1	20200110	Sunny	Moderate	Mid-Flood	B	7.6	15:37	7.75	8.19	31.58	20.7	2.74	4	114	0.247	W
H1	20200110	Sunny	Moderate	Mid-Flood	B	7.6	15:37	7.79	8.2	31.44	20.6	2.75	5	115	0.175	NW
H1	20200110	Sunny	Moderate	Mid-Flood	M	4.3	15:38	7.63	8.09	31.23	20.47	2.42	4	114	0.177	NW
H1	20200110	Sunny	Moderate	Mid-Flood	M	4.3	15:38	7.81	8.09	31.25	20.66	2.48	4	114	0.175	W
H1	20200110	Sunny	Moderate	Mid-Flood	S	1	15:39	7.73	7.96	31.62	20.68	2.2	4	114	0.272	W
H1	20200110	Sunny	Moderate	Mid-Flood	S	1	15:39	7.44	8.21	31.47	20.52	1.94	4	115	0.187	W
M1	20200110	Sunny	Moderate	Mid-Flood	B	7.6	16:51	7.75	8.18	31.48	20.46	2.82	4	114	0.244	W
M1	20200110	Sunny	Moderate	Mid-Flood	B	7.6	16:51	7.74	7.98	31.21	20.46	2.59	4	114	0.172	W
M1	20200110	Sunny	Moderate	Mid-Flood	M	4.3	16:52	7.77	8.1	31.34	20.43	2.31	4	114	0.247	W
M1	20200110	Sunny	Moderate	Mid-Flood	M	4.3	16:52	7.47	8.22	31.5	20.47	2.01	5	115	0.252	W
M1	20200110	Sunny	Moderate	Mid-Flood	S	1	16:53	7.58	7.99	31.38	20.37	2.25	5	115	0.172	W
M1	20200110	Sunny	Moderate	Mid-Flood	S	1	16:53	7.63	7.96	31.46	20.44	2.38	4	115	0.224	W
S1	20200110	Sunny	Moderate	Mid-Flood	B	4.8	15:55	7.8	8.23	31.48	20.54	2.35	4	114	0.244	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	20200110	Sunny	Moderate	Mid-Flood	B	4.8	15:55	7.4	8.04	31.62	20.58	2.66	5	114	0.227	W
S1	20200110	Sunny	Moderate	Mid-Flood	S	1	15:56	7.51	8.11	31.62	20.51	1.99	3	114	0.224	W
S1	20200110	Sunny	Moderate	Mid-Flood	S	1	15:56	7.75	8.11	31.47	20.48	1.84	4	115	0.214	W
S2A	20200110	Sunny	Moderate	Mid-Flood	B	8.3	16:32	7.8	8.1	31.35	20.48	2.8	4	114	0.245	W
S2A	20200110	Sunny	Moderate	Mid-Flood	B	8.3	16:32	7.55	8.23	31.25	20.43	2.34	4	114	0.224	NW
S2A	20200110	Sunny	Moderate	Mid-Flood	M	4.65	16:33	7.8	8.15	31.34	20.61	2.23	4	115	0.194	NW
S2A	20200110	Sunny	Moderate	Mid-Flood	M	4.65	16:33	7.36	8.17	31.61	20.58	2.2	4	115	0.265	NW
S2A	20200110	Sunny	Moderate	Mid-Flood	S	1	16:34	7.47	8.11	31.43	20.52	2.03	3	115	0.231	W
S2A	20200110	Sunny	Moderate	Mid-Flood	S	1	16:34	7.43	8.01	31.2	20.56	2.01	3	114	0.212	NW
S3	20200110	Sunny	Moderate	Mid-Flood	B	9	17:10	7.37	8.2	31.61	20.32	2.58	4	115	0.181	NW
S3	20200110	Sunny	Moderate	Mid-Flood	B	9	17:10	7.59	8.06	31.63	20.4	2.9	4	115	0.204	NW
S3	20200110	Sunny	Moderate	Mid-Flood	M	5	17:11	7.63	8.19	31.58	20.26	2.54	4	115	0.207	W
S3	20200110	Sunny	Moderate	Mid-Flood	M	5	17:11	7.78	8.01	31.55	20.44	2.21	4	114	0.253	W
S3	20200110	Sunny	Moderate	Mid-Flood	S	1	17:12	7.43	8.11	31.33	20.33	2.34	4	115	0.26	W
S3	20200110	Sunny	Moderate	Mid-Flood	S	1	17:12	7.67	7.98	31.29	20.37	2.31	4	115	0.232	W
B1	20200113	Cloudy	Moderate	Mid-Flood	B	3.7	9:51	7.3	8.08	30.24	20.44	2.93	4	116	0.23	W
B1	20200113	Cloudy	Moderate	Mid-Flood	B	3.7	9:51	7.57	8.05	30.48	20.48	3.43	4	115	0.32	W
B1	20200113	Cloudy	Moderate	Mid-Flood	S	1	9:52	7.37	8.25	30.56	20.42	2.74	4	116	0.216	W
B1	20200113	Cloudy	Moderate	Mid-Flood	S	1	9:52	7.25	8.15	30.29	20.36	2.86	4	117	0.306	W
B2	20200113	Cloudy	Moderate	Mid-Flood	B	3.7	10:14	7.34	8.33	30.23	20.51	3.36	3	117	0.259	NW
B2	20200113	Cloudy	Moderate	Mid-Flood	B	3.7	10:14	7.57	8.17	30.82	20.52	3.32	4	117	0.175	W
B2	20200113	Cloudy	Moderate	Mid-Flood	S	1	10:15	7.38	8.13	30.85	20.59	2.87	4	116	0.241	W
B2	20200113	Cloudy	Moderate	Mid-Flood	S	1	10:15	7.21	8.33	30.62	20.5	2.46	3	117	0.277	W
B3	20200113	Cloudy	Moderate	Mid-Flood	B	3.7	10:17	7.16	8.25	30.95	20.45	3.12	4	116	0.311	W
B3	20200113	Cloudy	Moderate	Mid-Flood	B	3.7	10:17	7.36	8.28	30.9	20.47	3.06	4	117	0.292	W
B3	20200113	Cloudy	Moderate	Mid-Flood	S	1	10:18	7.5	8.09	30.21	20.43	2.88	4	116	0.149	NW
B3	20200113	Cloudy	Moderate	Mid-Flood	S	1	10:18	7.29	8.11	30.75	20.49	2.49	4	117	0.228	W
B4	20200113	Cloudy	Moderate	Mid-Flood	B	4.1	10:08	7.77	8.26	30.39	20.41	3.57	4	116	0.183	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
B4	20200113	Cloudy	Moderate	Mid-Flood	B	4.1	10:08	7.26	8.23	30.45	20.33	3.27	5	116	0.209	W
B4	20200113	Cloudy	Moderate	Mid-Flood	S	1	10:09	7.33	8.25	30.69	20.34	2.86	5	116	0.214	W
B4	20200113	Cloudy	Moderate	Mid-Flood	S	1	10:09	7.16	8.14	30.5	20.58	2.76	4	116	0.318	W
C1A	20200113	Cloudy	Moderate	Mid-Flood	B	9.3	10:40	7.21	8.05	30.44	20.48	3.19	4	116	0.298	W
C1A	20200113	Cloudy	Moderate	Mid-Flood	B	9.3	10:40	7.55	8.27	30.54	20.64	3.06	5	117	0.311	NW
C1A	20200113	Cloudy	Moderate	Mid-Flood	M	5.15	10:41	7.53	8.26	30.72	20.6	2.81	3	116	0.255	W
C1A	20200113	Cloudy	Moderate	Mid-Flood	M	5.15	10:41	7.49	8.22	30.83	20.48	2.57	4	117	0.183	W
C1A	20200113	Cloudy	Moderate	Mid-Flood	S	1	10:42	7.27	8.25	30.54	20.47	2.76	4	117	0.234	W
C1A	20200113	Cloudy	Moderate	Mid-Flood	S	1	10:42	7.65	8.11	30.61	20.45	2.82	2	116	0.265	W
C2A	20200113	Cloudy	Moderate	Mid-Flood	B	10	8:36	7.46	8.32	30.42	20.4	3.18	4	116	0.213	W
C2A	20200113	Cloudy	Moderate	Mid-Flood	B	10	8:36	7.8	8.25	30.39	20.34	3.26	4	116	0.216	W
C2A	20200113	Cloudy	Moderate	Mid-Flood	M	5.5	8:37	7.61	8.22	30.31	20.37	2.55	4	116	0.313	W
C2A	20200113	Cloudy	Moderate	Mid-Flood	M	5.5	8:37	7.7	8.14	30.57	20.34	2.81	3	117	0.194	W
C2A	20200113	Cloudy	Moderate	Mid-Flood	S	1	8:38	7.71	8.24	30.32	20.33	2.85	4	116	0.247	W
C2A	20200113	Cloudy	Moderate	Mid-Flood	S	1	8:38	7.74	8.07	30.24	20.39	2.7	3	116	0.282	W
CR1	20200113	Cloudy	Moderate	Mid-Flood	B	11.1	8:54	7.16	8.21	30.36	20.33	3.43	5	117	0.164	W
CR1	20200113	Cloudy	Moderate	Mid-Flood	B	11.1	8:54	7.59	8.22	30.23	20.57	3.29	4	116	0.268	W
CR1	20200113	Cloudy	Moderate	Mid-Flood	M	6.05	8:55	7.79	8.33	30.62	20.36	3.06	4	116	0.202	W
CR1	20200113	Cloudy	Moderate	Mid-Flood	M	6.05	8:55	7.67	8.33	30.56	20.33	2.66	4	117	0.236	W
CR1	20200113	Cloudy	Moderate	Mid-Flood	S	1	8:56	7.78	8.24	30.85	20.37	2.87	4	116	0.317	W
CR1	20200113	Cloudy	Moderate	Mid-Flood	S	1	8:56	7.51	8.17	30.44	20.35	2.86	4	117	0.245	NW
CR2	20200113	Cloudy	Moderate	Mid-Flood	B	10.8	9:10	7.67	8.22	30.9	20.33	3.24	3	117	0.269	W
CR2	20200113	Cloudy	Moderate	Mid-Flood	B	10.8	9:10	7.52	8.06	30.89	20.38	2.89	4	116	0.309	W
CR2	20200113	Cloudy	Moderate	Mid-Flood	M	5.9	9:11	7.61	8.07	30.41	20.35	2.73	3	117	0.285	W
CR2	20200113	Cloudy	Moderate	Mid-Flood	M	5.9	9:11	7.28	8.1	30.5	20.4	2.74	3	117	0.238	NW
CR2	20200113	Cloudy	Moderate	Mid-Flood	S	1	9:12	7.45	8.15	30.57	20.58	2.73	3	116	0.307	W
CR2	20200113	Cloudy	Moderate	Mid-Flood	S	1	9:12	7.16	8.19	30.7	20.57	2.9	3	117	0.176	W
F1A	20200113	Cloudy	Moderate	Mid-Flood	B	6.9	9:44	7.28	8.05	30.24	20.58	3.05	2	117	0.179	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
F1A	20200113	Cloudy	Moderate	Mid-Flood	B	6.9	9:44	7.81	8.32	30.57	20.5	3.32	4	117	0.15	W
F1A	20200113	Cloudy	Moderate	Mid-Flood	M	3.95	9:45	7.71	8.28	30.52	20.51	2.68	3	117	0.187	NW
F1A	20200113	Cloudy	Moderate	Mid-Flood	M	3.95	9:45	7.55	8.3	30.2	20.36	2.61	3	116	0.294	W
F1A	20200113	Cloudy	Moderate	Mid-Flood	S	1	9:46	7.78	8.32	30.47	20.54	2.42	3	117	0.296	NW
F1A	20200113	Cloudy	Moderate	Mid-Flood	S	1	9:46	7.42	8.23	30.71	20.36	2.78	2	117	0.157	W
H1	20200113	Cloudy	Moderate	Mid-Flood	B	7.3	11:03	7.73	8.07	30.54	20.6	3.07	4	117	0.234	NW
H1	20200113	Cloudy	Moderate	Mid-Flood	B	7.3	11:03	7.6	8.18	30.88	20.65	2.97	4	117	0.258	W
H1	20200113	Cloudy	Moderate	Mid-Flood	M	4.15	11:04	7.3	8.28	30.75	20.6	2.72	3	116	0.14	W
H1	20200113	Cloudy	Moderate	Mid-Flood	M	4.15	11:04	7.26	8.28	30.64	20.6	2.83	4	116	0.285	NW
H1	20200113	Cloudy	Moderate	Mid-Flood	S	1	11:05	7.38	8.16	30.76	20.45	2.5	3	116	0.26	W
H1	20200113	Cloudy	Moderate	Mid-Flood	S	1	11:05	7.15	8.24	30.48	20.51	2.49	4	116	0.164	NW
M1	20200113	Cloudy	Moderate	Mid-Flood	B	7.4	9:21	7.43	8.18	30.46	20.53	3.21	4	117	0.271	W
M1	20200113	Cloudy	Moderate	Mid-Flood	B	7.4	9:21	7.56	8.19	30.56	20.5	3.43	4	116	0.303	W
M1	20200113	Cloudy	Moderate	Mid-Flood	M	4.2	9:22	7.2	8.3	30.31	20.39	3	4	116	0.227	W
M1	20200113	Cloudy	Moderate	Mid-Flood	M	4.2	9:22	7.22	8.15	30.45	20.42	2.77	4	116	0.308	NW
M1	20200113	Cloudy	Moderate	Mid-Flood	S	1	9:23	7.44	8.25	30.42	20.34	2.56	5	116	0.182	W
M1	20200113	Cloudy	Moderate	Mid-Flood	S	1	9:23	7.6	8.25	30.53	20.49	2.67	6	117	0.221	NW
S1	20200113	Cloudy	Moderate	Mid-Flood	B	4.6	10:04	7.74	8.11	30.39	20.46	2.93	4	116	0.192	W
S1	20200113	Cloudy	Moderate	Mid-Flood	B	4.6	10:04	7.63	8.12	30.69	20.55	3.13	4	116	0.232	W
S1	20200113	Cloudy	Moderate	Mid-Flood	S	1	10:05	7.32	8.06	30.93	20.36	2.45	3	117	0.175	W
S1	20200113	Cloudy	Moderate	Mid-Flood	S	1	10:05	7.31	8.16	30.85	20.44	2.44	3	117	0.223	W
S2A	20200113	Cloudy	Moderate	Mid-Flood	B	8.9	10:32	7.67	8.3	30.52	20.57	3.32	5	116	0.153	W
S2A	20200113	Cloudy	Moderate	Mid-Flood	B	8.9	10:32	7.43	8.17	30.59	20.58	2.94	5	116	0.302	W
S2A	20200113	Cloudy	Moderate	Mid-Flood	M	4.95	10:33	7.7	8.12	30.38	20.51	3.03	4	117	0.264	W
S2A	20200113	Cloudy	Moderate	Mid-Flood	M	4.95	10:33	7.65	8.09	30.21	20.59	2.62	4	117	0.253	W
S2A	20200113	Cloudy	Moderate	Mid-Flood	S	1	10:34	7.53	8.16	30.76	20.6	2.82	4	117	0.161	W
S2A	20200113	Cloudy	Moderate	Mid-Flood	S	1	10:34	7.56	8.19	30.37	20.59	2.59	4	117	0.224	NW
S3	20200113	Cloudy	Moderate	Mid-Flood	B	8.9	9:16	7.38	8.18	30.32	20.37	3.51	4	117	0.144	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
S3	20200113	Cloudy	Moderate	Mid-Flood	B	8.9	9:16	7.23	8.29	30.72	20.47	3.58	4	116	0.165	W
S3	20200113	Cloudy	Moderate	Mid-Flood	M	4.95	9:17	7.51	8.13	30.6	20.4	2.64	3	117	0.303	W
S3	20200113	Cloudy	Moderate	Mid-Flood	M	4.95	9:17	7.18	8.27	30.28	20.4	2.99	4	116	0.314	W
S3	20200113	Cloudy	Moderate	Mid-Flood	S	1	9:18	7.15	8.09	30.36	20.52	2.97	3	116	0.193	W
S3	20200113	Cloudy	Moderate	Mid-Flood	S	1	9:18	7.52	8.18	30.91	20.55	3.02	3	116	0.14	W
B1	20200113	Cloudy	Moderate	Mid-Ebb	B	3.7	13:49	7.47	8.09	30.8	20.26	3.2	5	117	0.228	E
B1	20200113	Cloudy	Moderate	Mid-Ebb	B	3.7	13:49	7.89	8.06	30.85	20.42	3.02	6	117	0.216	SE
B1	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:50	7.22	8.07	30.72	20.46	2.39	6	117	0.219	E
B1	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:50	7.4	8.08	30.76	20.21	2.68	5	117	0.239	SE
B2	20200113	Cloudy	Moderate	Mid-Ebb	B	4.9	14:13	7.68	7.97	30.78	20.21	3.24	7	117	0.247	SE
B2	20200113	Cloudy	Moderate	Mid-Ebb	B	4.9	14:13	7.9	8	30.79	20.38	2.92	6	118	0.236	SE
B2	20200113	Cloudy	Moderate	Mid-Ebb	S	1	14:14	7.34	8.11	30.83	20.2	2.54	6	117	0.216	SE
B2	20200113	Cloudy	Moderate	Mid-Ebb	S	1	14:14	7.4	7.97	30.85	20.32	2.62	4	117	0.216	SE
B3	20200113	Cloudy	Moderate	Mid-Ebb	B	3.4	13:17	7.43	8.15	30.77	20.31	3.49	4	118	0.138	E
B3	20200113	Cloudy	Moderate	Mid-Ebb	B	3.4	13:17	7.88	8.06	30.84	20.48	3.14	4	118	0.238	E
B3	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:18	7.33	8.15	30.74	20.5	2.7	4	117	0.235	E
B3	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:18	7.36	8.1	30.75	20.42	2.69	3	118	0.142	SE
B4	20200113	Cloudy	Moderate	Mid-Ebb	B	3.2	13:26	7.53	8.15	30.9	20.39	3.2	4	118	0.266	E
B4	20200113	Cloudy	Moderate	Mid-Ebb	B	3.2	13:26	7.36	8.14	30.7	20.36	3.05	4	117	0.117	SE
B4	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:27	7.22	8.17	30.86	20.37	2.58	4	118	0.147	SE
B4	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:27	7.29	8.02	30.87	20.31	2.82	4	117	0.265	SE
C1A	20200113	Cloudy	Moderate	Mid-Ebb	B	9.6	12:46	7.51	8.05	30.72	20.32	2.93	7	117	0.144	SE
C1A	20200113	Cloudy	Moderate	Mid-Ebb	B	9.6	12:46	7.35	8.02	30.71	20.32	3.3	8	117	0.189	E
C1A	20200113	Cloudy	Moderate	Mid-Ebb	M	5.3	12:47	7.67	8.13	30.8	20.36	2.48	6	118	0.264	E
C1A	20200113	Cloudy	Moderate	Mid-Ebb	M	5.3	12:47	7.56	7.99	30.7	20.36	2.56	6	117	0.252	E
C1A	20200113	Cloudy	Moderate	Mid-Ebb	S	1	12:48	7.24	7.99	30.83	20.54	2.49	4	118	0.116	E
C1A	20200113	Cloudy	Moderate	Mid-Ebb	S	1	12:48	7.86	7.98	30.89	20.4	2.33	5	117	0.184	E
C2A	20200113	Cloudy	Moderate	Mid-Ebb	B	10.5	12:38	7.36	8.08	30.7	20.46	3.09	3	118	0.197	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
C2A	20200113	Cloudy	Moderate	Mid-Ebb	B	10.5	12:38	7.95	8.12	30.83	20.33	3.03	4	116	0.134	SE
C2A	20200113	Cloudy	Moderate	Mid-Ebb	M	5.75	12:39	7.65	8.19	30.79	20.39	2.5	2	117	0.126	E
C2A	20200113	Cloudy	Moderate	Mid-Ebb	M	5.75	12:39	7.7	8.21	30.71	20.51	2.84	2	118	0.237	E
C2A	20200113	Cloudy	Moderate	Mid-Ebb	S	1	12:40	7.55	8.09	30.82	20.3	2.69	2	117	0.132	SE
C2A	20200113	Cloudy	Moderate	Mid-Ebb	S	1	12:40	7.31	8.15	30.88	20.36	2.47	3	117	0.274	E
CR1	20200113	Cloudy	Moderate	Mid-Ebb	B	11.3	12:52	7.53	8.14	30.78	20.52	3.01	2	118	0.248	SE
CR1	20200113	Cloudy	Moderate	Mid-Ebb	B	11.3	12:52	7.47	8.15	30.76	20.32	3.39	2	117	0.277	SE
CR1	20200113	Cloudy	Moderate	Mid-Ebb	M	6.15	12:53	7.29	8.04	30.73	20.41	2.91	2	117	0.257	SE
CR1	20200113	Cloudy	Moderate	Mid-Ebb	M	6.15	12:53	7.23	8.07	30.79	20.39	2.6	2	118	0.136	SE
CR1	20200113	Cloudy	Moderate	Mid-Ebb	S	1	12:54	7.86	8.23	30.89	20.39	2.71	3	117	0.149	SE
CR1	20200113	Cloudy	Moderate	Mid-Ebb	S	1	12:54	7.91	8.06	30.79	20.49	2.77	2	118	0.247	E
CR2	20200113	Cloudy	Moderate	Mid-Ebb	B	10	13:08	7.94	8.05	30.8	20.47	3.45	4	118	0.173	SE
CR2	20200113	Cloudy	Moderate	Mid-Ebb	B	10	13:08	7.92	8.22	30.73	20.37	3.24	4	117	0.211	SE
CR2	20200113	Cloudy	Moderate	Mid-Ebb	M	5.5	13:09	7.71	8.1	30.8	20.36	2.52	2	117	0.27	E
CR2	20200113	Cloudy	Moderate	Mid-Ebb	M	5.5	13:09	7.93	7.99	30.72	20.31	2.66	2	118	0.161	SE
CR2	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:10	7.48	8.1	30.85	20.47	2.58	2	117	0.229	E
CR2	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:10	7.45	8.1	30.9	20.39	2.68	2	117	0.152	SE
F1A	20200113	Cloudy	Moderate	Mid-Ebb	B	7.9	13:47	7.37	7.97	30.7	20.36	3.39	3	117	0.272	E
F1A	20200113	Cloudy	Moderate	Mid-Ebb	B	7.9	13:47	7.43	8.15	30.88	20.47	2.97	4	117	0.275	E
F1A	20200113	Cloudy	Moderate	Mid-Ebb	M	4.45	13:48	7.4	7.96	30.86	20.22	2.93	3	117	0.143	E
F1A	20200113	Cloudy	Moderate	Mid-Ebb	M	4.45	13:48	7.31	8.22	30.83	20.2	2.87	2	117	0.179	SE
F1A	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:49	7.75	8.19	30.86	20.2	2.59	3	117	0.28	E
F1A	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:49	7.87	8.13	30.77	20.26	2.37	2	117	0.26	E
H1	20200113	Cloudy	Moderate	Mid-Ebb	B	6.8	13:41	7.26	7.98	30.79	20.42	3.45	6	117	0.246	SE
H1	20200113	Cloudy	Moderate	Mid-Ebb	B	6.8	13:41	7.61	8.08	30.74	20.32	3.18	6	117	0.195	SE
H1	20200113	Cloudy	Moderate	Mid-Ebb	M	3.9	13:42	7.38	8.15	30.82	20.47	2.48	4	115	0.265	SE
H1	20200113	Cloudy	Moderate	Mid-Ebb	M	3.9	13:42	7.61	8.16	30.85	20.38	2.47	5	118	0.138	SE
H1	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:43	7.66	8.08	30.77	20.35	2.82	5	118	0.244	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
H1	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:43	7.88	8.24	30.7	20.42	2.74	5	117	0.205	SE
M1	20200113	Cloudy	Moderate	Mid-Ebb	B	8.7	14:11	7.97	7.98	30.7	20.33	3.06	5	118	0.252	SE
M1	20200113	Cloudy	Moderate	Mid-Ebb	B	8.7	14:11	7.79	8.22	30.72	20.2	2.89	4	118	0.181	SE
M1	20200113	Cloudy	Moderate	Mid-Ebb	M	4.85	14:12	7.46	8.19	30.85	20.45	2.82	4	117	0.276	SE
M1	20200113	Cloudy	Moderate	Mid-Ebb	M	4.85	14:12	7.49	8.17	30.72	20.23	2.74	4	117	0.133	E
M1	20200113	Cloudy	Moderate	Mid-Ebb	S	1	14:13	7.87	8.01	30.78	20.32	2.84	4	118	0.123	SE
M1	20200113	Cloudy	Moderate	Mid-Ebb	S	1	14:13	7.66	8.2	30.77	20.24	2.71	4	118	0.256	SE
S1	20200113	Cloudy	Moderate	Mid-Ebb	B	4.2	14:03	7.66	8.12	30.73	20.2	3.33	3	117	0.199	E
S1	20200113	Cloudy	Moderate	Mid-Ebb	B	4.2	14:03	7.57	8.02	30.73	20.2	3.29	3	117	0.184	E
S1	20200113	Cloudy	Moderate	Mid-Ebb	S	1	14:04	7.53	8.18	30.78	20.24	2.68	2	117	0.143	SE
S1	20200113	Cloudy	Moderate	Mid-Ebb	S	1	14:04	7.22	8.16	30.73	20.44	2.44	2	117	0.167	SE
S2A	20200113	Cloudy	Moderate	Mid-Ebb	B	8.6	14:30	7.55	8.03	30.84	20.46	2.92	4	117	0.129	SE
S2A	20200113	Cloudy	Moderate	Mid-Ebb	B	8.6	14:30	7.34	7.98	30.72	20.33	3.45	5	118	0.187	E
S2A	20200113	Cloudy	Moderate	Mid-Ebb	M	4.8	14:31	7.75	8.18	30.8	20.42	2.66	3	118	0.248	SE
S2A	20200113	Cloudy	Moderate	Mid-Ebb	M	4.8	14:31	7.9	8.01	30.9	20.28	2.48	4	117	0.276	E
S2A	20200113	Cloudy	Moderate	Mid-Ebb	S	1	14:32	7.67	8.23	30.74	20.38	2.82	4	117	0.267	E
S2A	20200113	Cloudy	Moderate	Mid-Ebb	S	1	14:32	7.94	8.12	30.83	20.43	2.54	4	118	0.158	SE
S3	20200113	Cloudy	Moderate	Mid-Ebb	B	10.1	13:15	7.82	8.01	30.9	20.46	3.03	2	117	0.15	SE
S3	20200113	Cloudy	Moderate	Mid-Ebb	B	10.1	13:15	7.65	8.19	30.82	20.34	3.17	2	118	0.236	E
S3	20200113	Cloudy	Moderate	Mid-Ebb	M	5.55	13:16	7.59	8.13	30.74	20.3	2.36	2	117	0.169	SE
S3	20200113	Cloudy	Moderate	Mid-Ebb	M	5.55	13:16	7.38	8.07	30.74	20.31	2.35	2	118	0.124	SE
S3	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:17	7.47	8.17	30.86	20.49	2.75	2	118	0.174	SE
S3	20200113	Cloudy	Moderate	Mid-Ebb	S	1	13:17	7.24	8.18	30.82	20.43	2.66	2	118	0.165	SE
B1	20200115	Cloudy	Moderate	Mid-Flood	B	4	10:50	8.6	8.21	31.39	21.01	3.36	3	114	0.228	W
B1	20200115	Cloudy	Moderate	Mid-Flood	B	4	10:50	8.72	8.07	31.23	20.99	3.29	4	114	0.181	W
B1	20200115	Cloudy	Moderate	Mid-Flood	S	1	10:51	8.5	8.07	31.43	21.11	3.22	2	115	0.281	W
B1	20200115	Cloudy	Moderate	Mid-Flood	S	1	10:51	8.47	8.1	31.29	20.95	2.91	2	115	0.261	W
B2	20200115	Cloudy	Moderate	Mid-Flood	B	4.2	11:12	8.66	8.16	31.55	20.99	3.35	3	115	0.231	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
B2	20200115	Cloudy	Moderate	Mid-Flood	B	4.2	11:12	8.71	8.07	31.33	21.03	3.43	4	116	0.272	W
B2	20200115	Cloudy	Moderate	Mid-Flood	S	1	11:13	8.66	8.14	31.56	21.06	3.2	3	114	0.28	W
B2	20200115	Cloudy	Moderate	Mid-Flood	S	1	11:13	8.38	8.19	31.64	21.07	2.93	3	115	0.28	W
B3	20200115	Cloudy	Moderate	Mid-Flood	B	4	10:22	8.5	8.25	31.39	20.96	3.58	3	115	0.281	W
B3	20200115	Cloudy	Moderate	Mid-Flood	B	4	10:22	8.76	8.25	31.33	20.9	3.99	4	116	0.238	W
B3	20200115	Cloudy	Moderate	Mid-Flood	S	1	10:23	8.5	8.28	31.32	21.06	3.19	3	115	0.25	W
B3	20200115	Cloudy	Moderate	Mid-Flood	S	1	10:23	8.38	8.18	31.65	20.92	2.93	2	114	0.232	W
B4	20200115	Cloudy	Moderate	Mid-Flood	B	4.2	10:15	8.49	8.06	31.2	21	3.78	3	115	0.264	W
B4	20200115	Cloudy	Moderate	Mid-Flood	B	4.2	10:15	8.7	8.14	31.28	21.03	3.87	3	116	0.237	W
B4	20200115	Cloudy	Moderate	Mid-Flood	S	1	10:16	8.7	8.14	31.42	20.88	2.83	3	114	0.247	W
B4	20200115	Cloudy	Moderate	Mid-Flood	S	1	10:16	8.44	8.1	31.2	20.9	3.06	3	114	0.205	NW
C1A	20200115	Cloudy	Moderate	Mid-Flood	B	8.9	10:11	8.36	8.31	31.2	20.9	3.28	4	115	0.193	W
C1A	20200115	Cloudy	Moderate	Mid-Flood	B	8.9	10:11	8.52	8.23	31.35	20.96	3.77	4	115	0.195	W
C1A	20200115	Cloudy	Moderate	Mid-Flood	M	4.95	10:12	8.78	8.21	31.6	21.05	3.48	4	116	0.207	W
C1A	20200115	Cloudy	Moderate	Mid-Flood	M	4.95	10:12	8.35	8.1	31.21	20.91	3.51	4	114	0.252	W
C1A	20200115	Cloudy	Moderate	Mid-Flood	S	1	10:13	8.44	8.26	31.62	21.03	3.27	4	114	0.277	W
C1A	20200115	Cloudy	Moderate	Mid-Flood	S	1	10:13	8.6	8.05	31.29	20.89	3.11	4	115	0.19	NW
C2A	20200115	Cloudy	Moderate	Mid-Flood	B	10.5	9:20	8.73	8.33	31.4	20.8	3.82	3	115	0.192	W
C2A	20200115	Cloudy	Moderate	Mid-Flood	B	10.5	9:20	8.48	8.08	31.27	20.81	3.47	4	115	0.195	NW
C2A	20200115	Cloudy	Moderate	Mid-Flood	M	5.75	9:21	8.4	8.26	31.63	20.95	2.96	3	115	0.233	W
C2A	20200115	Cloudy	Moderate	Mid-Flood	M	5.75	9:21	8.37	8.07	31.42	21	3.16	4	115	0.235	NW
C2A	20200115	Cloudy	Moderate	Mid-Flood	S	1	9:22	8.34	8.27	31.27	20.91	3.28	6	116	0.199	NW
C2A	20200115	Cloudy	Moderate	Mid-Flood	S	1	9:22	8.66	8.11	31.51	20.98	3.16	4	114	0.182	W
CR1	20200115	Cloudy	Moderate	Mid-Flood	B	11.5	9:35	8.45	8.07	31.42	20.85	3.63	4	115	0.23	W
CR1	20200115	Cloudy	Moderate	Mid-Flood	B	11.5	9:35	8.4	8.24	31.54	20.98	3.76	5	114	0.27	W
CR1	20200115	Cloudy	Moderate	Mid-Flood	M	6.25	9:36	8.57	8.23	31.41	20.98	2.95	4	114	0.201	W
CR1	20200115	Cloudy	Moderate	Mid-Flood	M	6.25	9:36	8.79	8.18	31.64	20.97	3.09	2	116	0.198	W
CR1	20200115	Cloudy	Moderate	Mid-Flood	S	1	9:37	8.25	8.17	31.2	20.87	3.31	3	115	0.264	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	20200115	Cloudy	Moderate	Mid-Flood	S	1	9:37	8.25	8.22	31.59	20.84	3.26	4	115	0.255	W
CR2	20200115	Cloudy	Moderate	Mid-Flood	B	10.4	9:44	8.7	8.09	31.21	20.93	3.83	2	115	0.278	W
CR2	20200115	Cloudy	Moderate	Mid-Flood	B	10.4	9:44	8.75	8.23	31.24	20.87	3.67	3	115	0.28	W
CR2	20200115	Cloudy	Moderate	Mid-Flood	M	5.7	9:45	8.62	8.13	31.32	20.94	3.44	3	115	0.229	NW
CR2	20200115	Cloudy	Moderate	Mid-Flood	M	5.7	9:45	8.49	8.08	31.3	21.01	2.98	4	115	0.27	W
CR2	20200115	Cloudy	Moderate	Mid-Flood	S	1	9:46	8.66	8.05	31.55	21.05	3.23	4	115	0.266	W
CR2	20200115	Cloudy	Moderate	Mid-Flood	S	1	9:46	8.71	8.15	31.38	20.91	3.07	4	115	0.238	W
F1A	20200115	Cloudy	Moderate	Mid-Flood	B	7.3	9:53	8.79	8.09	31.45	20.93	3.81	5	115	0.183	W
F1A	20200115	Cloudy	Moderate	Mid-Flood	B	7.3	9:53	8.48	8.18	31.46	20.98	3.5	4	115	0.214	W
F1A	20200115	Cloudy	Moderate	Mid-Flood	M	4.15	9:54	8.72	8.08	31.6	21.02	3.23	4	114	0.19	NW
F1A	20200115	Cloudy	Moderate	Mid-Flood	M	4.15	9:54	8.51	8.15	31.2	20.88	3.09	4	115	0.243	W
F1A	20200115	Cloudy	Moderate	Mid-Flood	S	1	9:55	8.28	8.24	31.65	21.06	3.18	4	114	0.211	W
F1A	20200115	Cloudy	Moderate	Mid-Flood	S	1	9:55	8.77	8.08	31.37	20.98	2.79	3	114	0.241	NW
H1	20200115	Cloudy	Moderate	Mid-Flood	B	7.2	10:33	8.43	8.33	31.59	20.99	3.65	3	114	0.272	W
H1	20200115	Cloudy	Moderate	Mid-Flood	B	7.2	10:33	8.74	8.26	31.22	21.07	3.38	3	115	0.218	NW
H1	20200115	Cloudy	Moderate	Mid-Flood	M	4.1	10:34	8.54	8.19	31.39	21.12	3.09	3	116	0.281	NW
H1	20200115	Cloudy	Moderate	Mid-Flood	M	4.1	10:34	8.32	8.33	31.34	20.97	3.01	3	115	0.187	W
H1	20200115	Cloudy	Moderate	Mid-Flood	S	1	10:35	8.7	8.32	31.34	21	2.75	3	114	0.247	NW
H1	20200115	Cloudy	Moderate	Mid-Flood	S	1	10:35	8.64	8.12	31.31	21.11	2.95	3	114	0.184	W
M1	20200115	Cloudy	Moderate	Mid-Flood	B	7.7	9:32	8.69	8.07	31.36	21	3.42	5	114	0.186	W
M1	20200115	Cloudy	Moderate	Mid-Flood	B	7.7	9:32	8.79	8.22	31.51	20.92	3.38	6	114	0.268	W
M1	20200115	Cloudy	Moderate	Mid-Flood	M	4.35	9:33	8.44	8.11	31.34	20.89	3.31	5	115	0.267	W
M1	20200115	Cloudy	Moderate	Mid-Flood	M	4.35	9:33	8.45	8.06	31.59	20.83	3.34	5	115	0.204	W
M1	20200115	Cloudy	Moderate	Mid-Flood	S	1	9:34	8.78	8.1	31.3	20.8	3.09	5	115	0.186	W
M1	20200115	Cloudy	Moderate	Mid-Flood	S	1	9:34	8.57	8.22	31.5	20.9	3.31	4	115	0.268	W
S1	20200115	Cloudy	Moderate	Mid-Flood	B	4	11:03	8.81	8.11	31.54	21.07	3.42	4	116	0.227	W
S1	20200115	Cloudy	Moderate	Mid-Flood	B	4	11:03	8.62	8.11	31.61	21.11	3.34	2	115	0.258	W
S1	20200115	Cloudy	Moderate	Mid-Flood	S	1	11:04	8.58	8.33	31.33	21.13	3.2	3	115	0.188	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	20200115	Cloudy	Moderate	Mid-Flood	S	1	11:04	8.64	8.23	31.57	21.16	2.95	3	115	0.213	NW
S2A	20200115	Cloudy	Moderate	Mid-Flood	B	8.6	10:39	8.45	8.3	31.42	21.07	3.52	3	114	0.267	W
S2A	20200115	Cloudy	Moderate	Mid-Flood	B	8.6	10:39	8.35	8.32	31.39	21.11	3.53	3	114	0.188	NW
S2A	20200115	Cloudy	Moderate	Mid-Flood	M	4.8	10:40	8.5	8.12	31.21	20.96	2.94	3	114	0.263	W
S2A	20200115	Cloudy	Moderate	Mid-Flood	M	4.8	10:40	8.48	8.26	31.3	21.02	3.27	3	115	0.251	NW
S2A	20200115	Cloudy	Moderate	Mid-Flood	S	1	10:41	8.38	8.07	31.6	21.14	3.16	4	114	0.277	NW
S2A	20200115	Cloudy	Moderate	Mid-Flood	S	1	10:41	8.74	8.18	31.21	20.95	2.85	4	115	0.246	W
S3	20200115	Cloudy	Moderate	Mid-Flood	B	8.6	9:54	8.35	8.05	31.29	20.91	3.89	4	114	0.229	W
S3	20200115	Cloudy	Moderate	Mid-Flood	B	8.6	9:54	8.63	8.1	31.37	21.02	3.53	4	115	0.217	W
S3	20200115	Cloudy	Moderate	Mid-Flood	M	4.8	9:55	8.33	8.06	31.26	20.89	3.51	4	114	0.264	W
S3	20200115	Cloudy	Moderate	Mid-Flood	M	4.8	9:55	8.73	8.19	31.36	21	2.99	4	115	0.249	W
S3	20200115	Cloudy	Moderate	Mid-Flood	S	1	9:56	8.31	8.28	31.6	21.05	3.26	4	114	0.185	W
S3	20200115	Cloudy	Moderate	Mid-Flood	S	1	9:56	8.53	8.3	31.35	20.85	3.33	4	116	0.247	W
B1	20200115	Cloudy	Moderate	Mid-Ebb	B	3.7	16:05	8.67	8.17	31.69	21.25	3.33	3	116	0.246	SE
B1	20200115	Cloudy	Moderate	Mid-Ebb	B	3.7	16:05	8.17	8.14	31.53	21.26	3.32	3	114	0.218	E
B1	20200115	Cloudy	Moderate	Mid-Ebb	S	1	16:06	8.47	8.3	31.35	21.34	2.7	2	115	0.209	E
B1	20200115	Cloudy	Moderate	Mid-Ebb	S	1	16:06	8.81	8.29	31.65	21.13	2.99	2	114	0.231	E
B2	20200115	Cloudy	Moderate	Mid-Ebb	B	4	16:23	8.39	8.13	31.27	21.28	3.73	3	114	0.173	SE
B2	20200115	Cloudy	Moderate	Mid-Ebb	B	4	16:23	8.49	8.12	31.34	21.15	3.75	4	114	0.193	SE
B2	20200115	Cloudy	Moderate	Mid-Ebb	S	1	16:24	8.57	8.32	31.61	21.17	3.12	3	116	0.25	E
B2	20200115	Cloudy	Moderate	Mid-Ebb	S	1	16:24	8.36	8.21	31.69	21.22	3.18	3	115	0.169	SE
B3	20200115	Cloudy	Moderate	Mid-Ebb	B	3.6	15:38	8.66	8.07	31.11	21.28	3.45	4	114	0.23	E
B3	20200115	Cloudy	Moderate	Mid-Ebb	B	3.6	15:38	8.4	8.32	31.49	21.32	3.76	3	115	0.196	SE
B3	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:39	8.71	8.32	31.43	21.23	3	3	115	0.214	SE
B3	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:39	8.33	8.32	31.35	21.23	2.98	3	115	0.228	SE
B4	20200115	Cloudy	Moderate	Mid-Ebb	B	3.4	15:28	8.75	8.31	31.36	21.14	3.52	4	116	0.166	SE
B4	20200115	Cloudy	Moderate	Mid-Ebb	B	3.4	15:28	8.44	8.11	31.27	21.17	3.53	3	114	0.237	E
B4	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:29	8.23	8.11	31.16	21.13	2.86	4	115	0.237	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level 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	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:29	8.4	8.07	31.55	21.29	3.24	3	115	0.214	E
C1A	20200115	Cloudy	Moderate	Mid-Ebb	B	9.4	14:22	8.16	8.29	31.38	21.21	3.66	6	114	0.187	SE
C1A	20200115	Cloudy	Moderate	Mid-Ebb	B	9.4	14:22	8.17	8.21	31.69	21.49	3.67	7	114	0.172	SE
C1A	20200115	Cloudy	Moderate	Mid-Ebb	M	5.2	14:23	8.45	8.1	31.49	21.3	3.01	5	114	0.158	E
C1A	20200115	Cloudy	Moderate	Mid-Ebb	M	5.2	14:23	8.66	8.15	31.34	21.44	3.15	6	115	0.184	SE
C1A	20200115	Cloudy	Moderate	Mid-Ebb	S	1	14:24	8.85	8.26	31.55	21.29	2.73	3	114	0.244	E
C1A	20200115	Cloudy	Moderate	Mid-Ebb	S	1	14:24	8.76	8.12	31.24	21.39	2.85	3	117	0.186	E
C2A	20200115	Cloudy	Moderate	Mid-Ebb	B	10.6	15:49	8.82	8.33	31.51	21.18	3.64	7	115	0.164	SE
C2A	20200115	Cloudy	Moderate	Mid-Ebb	B	10.6	15:49	8.67	8.14	31.32	21.24	3.34	8	114	0.198	SE
C2A	20200115	Cloudy	Moderate	Mid-Ebb	M	5.8	15:50	8.58	8.07	31.34	21.32	2.83	8	114	0.247	SE
C2A	20200115	Cloudy	Moderate	Mid-Ebb	M	5.8	15:50	8.58	8.21	31.48	21.21	3.29	7	115	0.235	SE
C2A	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:51	8.33	8.08	31.24	21.31	3.15	7	114	0.205	E
C2A	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:51	8.8	8.38	31.7	21.12	3.26	7	115	0.221	SE
CR1	20200115	Cloudy	Moderate	Mid-Ebb	B	11.5	15:32	8.21	8.2	31.29	21.26	3.68	5	115	0.183	SE
CR1	20200115	Cloudy	Moderate	Mid-Ebb	B	11.5	15:32	8.48	8.23	31.16	21.31	3.59	4	116	0.241	E
CR1	20200115	Cloudy	Moderate	Mid-Ebb	M	6.25	15:33	8.55	8.11	31.18	21.38	2.99	4	114	0.185	SE
CR1	20200115	Cloudy	Moderate	Mid-Ebb	M	6.25	15:33	8.13	8.22	31.42	21.13	3.2	4	115	0.223	SE
CR1	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:34	8.17	8.23	31.59	21.37	3.15	3	115	0.16	SE
CR1	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:34	8.21	8.16	31.55	21.17	2.74	3	115	0.237	E
CR2	20200115	Cloudy	Moderate	Mid-Ebb	B	9.9	15:10	8.4	8.16	31.14	21.15	3.41	3	116	0.246	E
CR2	20200115	Cloudy	Moderate	Mid-Ebb	B	9.9	15:10	8.38	8.37	31.54	21.39	3.4	4	115	0.164	SE
CR2	20200115	Cloudy	Moderate	Mid-Ebb	M	5.45	15:11	8.74	8.13	31.43	21.36	3.23	4	115	0.17	SE
CR2	20200115	Cloudy	Moderate	Mid-Ebb	M	5.45	15:11	8.15	8.23	31.35	21.18	2.87	3	115	0.217	SE
CR2	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:12	8.86	8.27	31.57	21.15	2.87	4	115	0.193	SE
CR2	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:12	8.57	8.33	31.58	21.12	3.13	4	115	0.222	SE
F1A	20200115	Cloudy	Moderate	Mid-Ebb	B	7.4	14:51	8.88	8.38	31.46	21.42	3.38	6	116	0.252	SE
F1A	20200115	Cloudy	Moderate	Mid-Ebb	B	7.4	14:51	8.38	8.38	31.36	21.27	3.76	6	115	0.241	SE
F1A	20200115	Cloudy	Moderate	Mid-Ebb	M	4.2	14:52	8.63	8.19	31.21	21.36	3.28	4	114	0.175	SE

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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
F1A	20200115	Cloudy	Moderate	Mid-Ebb	M	4.2	14:52	8.39	8.08	31.46	21.32	3.05	4	115	0.215	E
F1A	20200115	Cloudy	Moderate	Mid-Ebb	S	1	14:53	8.8	8.23	31.25	21.37	2.86	4	115	0.214	E
F1A	20200115	Cloudy	Moderate	Mid-Ebb	S	1	14:53	8.76	8.32	31.26	21.21	3.05	4	115	0.226	SE
H1	20200115	Cloudy	Moderate	Mid-Ebb	B	7.8	14:49	8.19	8.29	31.12	21.42	3.39	4	114	0.165	SE
H1	20200115	Cloudy	Moderate	Mid-Ebb	B	7.8	14:49	8.42	8.21	31.26	21.29	3.81	3	114	0.248	SE
H1	20200115	Cloudy	Moderate	Mid-Ebb	M	4.4	14:50	8.12	8.24	31.47	21.39	2.77	3	115	0.222	SE
H1	20200115	Cloudy	Moderate	Mid-Ebb	M	4.4	14:50	8.58	8.06	31.64	21.24	3.09	4	115	0.218	SE
H1	20200115	Cloudy	Moderate	Mid-Ebb	S	1	14:51	8.88	8.34	31.2	21.27	2.95	3	115	0.242	SE
H1	20200115	Cloudy	Moderate	Mid-Ebb	S	1	14:51	8.16	8.36	31.31	21.43	3.17	3	116	0.188	E
M1	20200115	Cloudy	Moderate	Mid-Ebb	B	8.4	14:29	8.61	8.11	31.22	21.25	3.69	6	116	0.158	SE
M1	20200115	Cloudy	Moderate	Mid-Ebb	B	8.4	14:29	8.22	8.33	31.43	21.38	3.81	6	115	0.24	E
M1	20200115	Cloudy	Moderate	Mid-Ebb	M	4.7	14:30	8.69	8.2	31.48	21.37	2.87	6	115	0.213	E
M1	20200115	Cloudy	Moderate	Mid-Ebb	M	4.7	14:30	8.15	8.06	31.24	21.39	3.25	5	114	0.193	SE
M1	20200115	Cloudy	Moderate	Mid-Ebb	S	1	14:31	8.13	8.32	31.15	21.24	3.09	3	115	0.205	SE
M1	20200115	Cloudy	Moderate	Mid-Ebb	S	1	14:31	8.12	8.14	31.57	21.28	2.93	4	115	0.194	SE
S1	20200115	Cloudy	Moderate	Mid-Ebb	B	4.3	16:15	8.27	8.23	31.65	21.3	3.45	5	115	0.16	E
S1	20200115	Cloudy	Moderate	Mid-Ebb	B	4.3	16:15	8.53	8.25	31.62	21.39	3.71	4	114	0.196	E
S1	20200115	Cloudy	Moderate	Mid-Ebb	S	1	16:16	8.33	8.19	31.39	21.29	3.24	2	116	0.173	SE
S1	20200115	Cloudy	Moderate	Mid-Ebb	S	1	16:16	8.56	8.34	31.45	21.3	3.14	3	114	0.222	SE
S2A	20200115	Cloudy	Moderate	Mid-Ebb	B	7.7	15:51	8.46	8.19	31.15	21.16	3.77	4	116	0.174	SE
S2A	20200115	Cloudy	Moderate	Mid-Ebb	B	7.7	15:51	8.88	8.27	31.44	21.16	3.81	4	116	0.193	SE
S2A	20200115	Cloudy	Moderate	Mid-Ebb	M	4.35	15:52	8.14	8.15	31.65	21.31	2.88	4	115	0.199	SE
S2A	20200115	Cloudy	Moderate	Mid-Ebb	M	4.35	15:52	8.25	8.35	31.17	21.12	3.13	4	115	0.156	E
S2A	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:53	8.33	8.18	31.28	21.26	2.7	4	114	0.199	E
S2A	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:53	8.18	8.29	31.13	21.27	3.02	3	116	0.243	E
S3	20200115	Cloudy	Moderate	Mid-Ebb	B	9.3	15:19	8.51	8.23	31.24	21.33	3.88	2	115	0.235	SE
S3	20200115	Cloudy	Moderate	Mid-Ebb	B	9.3	15:19	8.4	8.1	31.13	21.21	3.76	4	116	0.163	E
S3	20200115	Cloudy	Moderate	Mid-Ebb	M	5.15	15:20	8.27	8.3	31.39	21.31	2.98	3	115	0.188	SE

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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
S3	20200115	Cloudy	Moderate	Mid-Ebb	M	5.15	15:20	8.81	8.21	31.2	21.21	3.25	3	116	0.199	SE
S3	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:21	8.6	8.25	31.3	21.16	3.06	3	115	0.239	E
S3	20200115	Cloudy	Moderate	Mid-Ebb	S	1	15:21	8.68	8.27	31.19	21.18	2.89	3	115	0.169	SE
B1	20200117	Cloudy	Moderate	Mid-Flood	B	4.5	10:37	8.01	8.11	31.49	20.87	3.45	10	113	0.23	W
B1	20200117	Cloudy	Moderate	Mid-Flood	B	4.5	10:37	8.25	8.15	31.51	20.72	3.23	10	113	0.196	W
B1	20200117	Cloudy	Moderate	Mid-Flood	S	1	10:38	8.39	8.13	31.33	20.66	2.88	10	114	0.202	W
B1	20200117	Cloudy	Moderate	Mid-Flood	S	1	10:38	8.54	8.07	31.39	20.87	2.58	10	114	0.248	W
B2	20200117	Cloudy	Moderate	Mid-Flood	B	4	10:56	8.6	8.18	31.65	20.8	3.36	11	113	0.174	NW
B2	20200117	Cloudy	Moderate	Mid-Flood	B	4	10:56	8.21	8.2	31.31	20.87	3.47	11	113	0.219	W
B2	20200117	Cloudy	Moderate	Mid-Flood	S	1	10:57	8.49	8.05	31.4	20.67	2.68	9	114	0.174	NW
B2	20200117	Cloudy	Moderate	Mid-Flood	S	1	10:57	8.27	8.16	31.44	20.66	2.63	9	113	0.189	W
B3	20200117	Cloudy	Moderate	Mid-Flood	B	4	10:11	8.58	8.11	31.34	20.82	3.1	10	114	0.172	W
B3	20200117	Cloudy	Moderate	Mid-Flood	B	4	10:11	7.99	8.14	31.57	20.62	3.31	10	114	0.183	W
B3	20200117	Cloudy	Moderate	Mid-Flood	S	1	10:12	8.41	8.22	31.26	20.73	2.43	10	113	0.207	W
B3	20200117	Cloudy	Moderate	Mid-Flood	S	1	10:12	8.28	8.08	31.21	20.65	2.5	10	114	0.226	NW
B4	20200117	Cloudy	Moderate	Mid-Flood	B	4.3	10:03	8.15	8.12	31.61	20.59	3.12	11	113	0.239	W
B4	20200117	Cloudy	Moderate	Mid-Flood	B	4.3	10:03	8.15	8.21	31.65	20.78	3.48	10	114	0.242	W
B4	20200117	Cloudy	Moderate	Mid-Flood	S	1	10:04	8.18	8.06	31.47	20.72	2.64	10	113	0.23	W
B4	20200117	Cloudy	Moderate	Mid-Flood	S	1	10:04	8.32	8.06	31.46	20.73	2.6	10	114	0.189	W
C1A	20200117	Cloudy	Moderate	Mid-Flood	B	9.9	9:28	8.28	8.13	31.43	20.73	2.88	11	114	0.245	W
C1A	20200117	Cloudy	Moderate	Mid-Flood	B	9.9	9:28	8.56	8.13	31.29	20.77	3.46	11	114	0.245	W
C1A	20200117	Cloudy	Moderate	Mid-Flood	M	5.45	9:29	8.1	8.05	31.41	20.68	2.71	10	114	0.221	W
C1A	20200117	Cloudy	Moderate	Mid-Flood	M	5.45	9:29	8.06	8.09	31.33	20.59	2.68	11	113	0.182	W
C1A	20200117	Cloudy	Moderate	Mid-Flood	S	1	9:30	8.34	8.09	31.26	20.73	2.67	10	113	0.208	NW
C1A	20200117	Cloudy	Moderate	Mid-Flood	S	1	9:30	8.02	8.12	31.32	20.63	2.85	11	113	0.211	NW
C2A	20200117	Cloudy	Moderate	Mid-Flood	B	10.3	8:30	8.44	8.05	31.45	20.74	3.42	15	112	0.199	W
C2A	20200117	Cloudy	Moderate	Mid-Flood	B	10.3	8:30	8.2	8.18	31.42	20.57	2.9	16	113	0.229	NW
C2A	20200117	Cloudy	Moderate	Mid-Flood	M	5.65	8:31	8.02	8.21	31.31	20.73	2.64	12	113	0.168	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	20200117	Cloudy	Moderate	Mid-Flood	M	5.65	8:31	8.37	8.05	31.48	20.78	2.63	13	113	0.194	W
C2A	20200117	Cloudy	Moderate	Mid-Flood	S	1	8:32	7.97	8.16	31.61	20.7	2.42	13	114	0.243	W
C2A	20200117	Cloudy	Moderate	Mid-Flood	S	1	8:32	8.13	8.13	31.54	20.66	2.35	12	113	0.203	W
CR1	20200117	Cloudy	Moderate	Mid-Flood	B	11.4	8:45	8.13	8.16	31.61	20.77	2.99	6	114	0.232	W
CR1	20200117	Cloudy	Moderate	Mid-Flood	B	11.4	8:45	8.29	8.12	31.43	20.67	3.25	6	114	0.25	W
CR1	20200117	Cloudy	Moderate	Mid-Flood	M	6.2	8:46	8.3	8.14	31.63	20.63	2.74	8	114	0.226	W
CR1	20200117	Cloudy	Moderate	Mid-Flood	M	6.2	8:46	8.44	8.07	31.26	20.73	2.9	7	114	0.176	W
CR1	20200117	Cloudy	Moderate	Mid-Flood	S	1	8:47	8.41	8.09	31.33	20.68	2.73	7	114	0.219	NW
CR1	20200117	Cloudy	Moderate	Mid-Flood	S	1	8:47	8.37	8.18	31.5	20.76	2.5	7	114	0.222	NW
CR2	20200117	Cloudy	Moderate	Mid-Flood	B	10.1	9:01	7.97	8.1	31.4	20.66	3.05	7	114	0.21	W
CR2	20200117	Cloudy	Moderate	Mid-Flood	B	10.1	9:01	8.04	8.08	31.59	20.55	3.05	7	114	0.201	W
CR2	20200117	Cloudy	Moderate	Mid-Flood	M	5.55	9:02	8.55	8.21	31.58	20.59	3.11	9	113	0.25	W
CR2	20200117	Cloudy	Moderate	Mid-Flood	M	5.55	9:02	8.29	8.22	31.2	20.65	3	8	114	0.233	W
CR2	20200117	Cloudy	Moderate	Mid-Flood	S	1	9:03	8.09	8.22	31.34	20.55	2.55	8	113	0.174	W
CR2	20200117	Cloudy	Moderate	Mid-Flood	S	1	9:03	7.96	8.14	31.42	20.66	2.5	9	113	0.191	W
F1A	20200117	Cloudy	Moderate	Mid-Flood	B	7.7	9:39	8.18	8.12	31.43	20.83	2.89	12	113	0.233	W
F1A	20200117	Cloudy	Moderate	Mid-Flood	B	7.7	9:39	8.3	8.16	31.24	20.8	3.25	13	113	0.228	W
F1A	20200117	Cloudy	Moderate	Mid-Flood	M	4.35	9:40	8.32	8.21	31.31	20.59	2.97	12	114	0.195	W
F1A	20200117	Cloudy	Moderate	Mid-Flood	M	4.35	9:40	8.41	8.16	31.47	20.82	2.78	12	113	0.218	W
F1A	20200117	Cloudy	Moderate	Mid-Flood	S	1	9:41	8.31	8.23	31.56	20.68	2.82	11	114	0.176	W
F1A	20200117	Cloudy	Moderate	Mid-Flood	S	1	9:41	8.32	8.12	31.58	20.72	2.49	10	114	0.2	W
H1	20200117	Cloudy	Moderate	Mid-Flood	B	7.1	9:54	8.55	8.15	31.5	20.69	2.92	9	113	0.191	W
H1	20200117	Cloudy	Moderate	Mid-Flood	B	7.1	9:54	8.45	8.19	31.2	20.62	3.32	9	114	0.186	NW
H1	20200117	Cloudy	Moderate	Mid-Flood	M	4.05	9:55	8.13	8.16	31.64	20.7	2.63	11	113	0.196	W
H1	20200117	Cloudy	Moderate	Mid-Flood	M	4.05	9:55	8.09	8.13	31.38	20.72	2.91	11	113	0.186	W
H1	20200117	Cloudy	Moderate	Mid-Flood	S	1	9:56	8.54	8.11	31.26	20.84	2.54	12	114	0.19	W
H1	20200117	Cloudy	Moderate	Mid-Flood	S	1	9:56	8.34	8.22	31.33	20.7	2.56	11	114	0.171	W
M1	20200117	Cloudy	Moderate	Mid-Flood	B	6.8	9:17	8.42	8.07	31.57	20.55	3.09	12	114	0.191	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	20200117	Cloudy	Moderate	Mid-Flood	B	6.8	9:17	8.39	8.23	31.62	20.77	3.06	11	114	0.181	NW
M1	20200117	Cloudy	Moderate	Mid-Flood	M	3.9	9:18	8.37	8.22	31.52	20.61	3.12	9	114	0.22	NW
M1	20200117	Cloudy	Moderate	Mid-Flood	M	3.9	9:18	7.96	8.14	31.28	20.68	2.99	10	114	0.215	W
M1	20200117	Cloudy	Moderate	Mid-Flood	S	1	9:19	8.01	8.17	31.48	20.76	2.69	9	114	0.197	W
M1	20200117	Cloudy	Moderate	Mid-Flood	S	1	9:19	8.27	8.19	31.42	20.71	2.86	9	114	0.243	W
S1	20200117	Cloudy	Moderate	Mid-Flood	B	4.3	10:47	8.08	8.11	31.52	20.87	3.42	9	114	0.211	W
S1	20200117	Cloudy	Moderate	Mid-Flood	B	4.3	10:47	8.51	8.14	31.23	20.68	3.33	10	114	0.177	W
S1	20200117	Cloudy	Moderate	Mid-Flood	S	1	10:48	8.44	8.13	31.28	20.64	2.44	10	114	0.181	W
S1	20200117	Cloudy	Moderate	Mid-Flood	S	1	10:48	8.04	8.15	31.52	20.79	2.5	12	114	0.247	W
S2A	20200117	Cloudy	Moderate	Mid-Flood	B	8.6	10:24	8.06	8.23	31.38	20.64	3.44	6	113	0.21	W
S2A	20200117	Cloudy	Moderate	Mid-Flood	B	8.6	10:24	8.24	8.14	31.25	20.84	3.42	7	113	0.217	W
S2A	20200117	Cloudy	Moderate	Mid-Flood	M	4.8	10:25	7.99	8.18	31.4	20.71	2.83	7	114	0.194	NW
S2A	20200117	Cloudy	Moderate	Mid-Flood	M	4.8	10:25	8.08	8.2	31.36	20.74	2.85	6	114	0.179	W
S2A	20200117	Cloudy	Moderate	Mid-Flood	S	1	10:26	8.23	8.05	31.42	20.68	2.35	8	113	0.188	W
S2A	20200117	Cloudy	Moderate	Mid-Flood	S	1	10:26	8.5	8.18	31.3	20.68	2.69	8	114	0.212	NW
S3	20200117	Cloudy	Moderate	Mid-Flood	B	9.4	9:10	8.03	8.2	31.32	20.6	3.29	7	114	0.184	W
S3	20200117	Cloudy	Moderate	Mid-Flood	B	9.4	9:10	8.21	8.14	31.6	20.7	3.39	8	114	0.24	W
S3	20200117	Cloudy	Moderate	Mid-Flood	M	5.2	9:11	8.49	8.22	31.31	20.72	2.71	7	114	0.232	W
S3	20200117	Cloudy	Moderate	Mid-Flood	M	5.2	9:11	8.2	8.1	31.43	20.58	2.67	8	114	0.243	W
S3	20200117	Cloudy	Moderate	Mid-Flood	S	1	9:12	8.15	8.12	31.27	20.59	2.83	5	114	0.19	W
S3	20200117	Cloudy	Moderate	Mid-Flood	S	1	9:12	8.29	8.06	31.24	20.8	2.49	5	113	0.189	W
B1	20200117	Cloudy	Moderate	Mid-Ebb	B	3.6	13:57	8.37	8.06	31.14	21.11	3.15	14	113	0.177	E
B1	20200117	Cloudy	Moderate	Mid-Ebb	B	3.6	13:57	7.86	8.22	31.3	21.11	3.39	15	114	0.143	E
B1	20200117	Cloudy	Moderate	Mid-Ebb	S	1	13:58	7.92	8.23	31.41	21.14	2.67	13	114	0.202	SE
B1	20200117	Cloudy	Moderate	Mid-Ebb	S	1	13:58	8.41	7.97	31.41	21.22	2.62	14	114	0.232	E
B2	20200117	Cloudy	Moderate	Mid-Ebb	B	4.6	13:40	8.59	7.97	31.38	21.14	3.34	14	114	0.15	E
B2	20200117	Cloudy	Moderate	Mid-Ebb	B	4.6	13:40	8.07	7.96	31.19	21.3	2.86	13	114	0.139	SE
B2	20200117	Cloudy	Moderate	Mid-Ebb	S	1	13:41	8.11	8.01	31	21.3	2.65	13	114	0.158	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
B2	20200117	Cloudy	Moderate	Mid-Ebb	S	1	13:41	7.93	8.12	31.23	21.23	2.51	13	113	0.169	SE
B3	20200117	Cloudy	Moderate	Mid-Ebb	B	3.9	14:21	7.96	8.13	31.23	21.28	3.37	12	114	0.216	SE
B3	20200117	Cloudy	Moderate	Mid-Ebb	B	3.9	14:21	8.59	8.19	31.11	21.13	3.14	12	114	0.198	E
B3	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:22	8.34	8.14	31.39	21.25	2.82	11	114	0.185	SE
B3	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:22	8.51	8.21	31.57	21.11	2.51	12	114	0.249	SE
B4	20200117	Cloudy	Moderate	Mid-Ebb	B	4	14:27	8.4	8.17	31.07	21.18	3.48	11	114	0.171	E
B4	20200117	Cloudy	Moderate	Mid-Ebb	B	4	14:27	7.86	8.22	31.33	21.12	2.99	12	114	0.223	SE
B4	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:28	8.24	8.08	31.52	21.15	2.82	15	114	0.154	E
B4	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:28	8.18	8.12	31.39	21.13	2.67	14	114	0.143	SE
C1A	20200117	Cloudy	Moderate	Mid-Ebb	B	9.6	13:38	7.91	8	31.19	21.28	2.95	16	114	0.141	SE
C1A	20200117	Cloudy	Moderate	Mid-Ebb	B	9.6	13:38	8.36	8.07	31.3	21.3	2.99	15	116	0.226	E
C1A	20200117	Cloudy	Moderate	Mid-Ebb	M	5.3	13:39	8	8.01	31.1	21.16	2.86	14	115	0.209	SE
C1A	20200117	Cloudy	Moderate	Mid-Ebb	M	5.3	13:39	7.83	8.04	31.17	21.21	2.6	14	115	0.208	E
C1A	20200117	Cloudy	Moderate	Mid-Ebb	S	1	13:40	8.23	8.18	31.15	21.13	2.38	11	115	0.207	SE
C1A	20200117	Cloudy	Moderate	Mid-Ebb	S	1	13:40	7.87	8.18	31.16	21.19	2.55	11	114	0.238	SE
C2A	20200117	Cloudy	Moderate	Mid-Ebb	B	11.3	14:58	8.59	8.21	31.52	21.16	3.27	13	114	0.208	SE
C2A	20200117	Cloudy	Moderate	Mid-Ebb	B	11.3	14:58	8.19	8.2	31.51	21.12	3	13	114	0.143	E
C2A	20200117	Cloudy	Moderate	Mid-Ebb	M	6.15	14:59	8.23	7.99	31.27	21.24	2.41	12	114	0.149	E
C2A	20200117	Cloudy	Moderate	Mid-Ebb	M	6.15	14:59	8.13	8.12	31.42	21.25	2.93	13	115	0.208	SE
C2A	20200117	Cloudy	Moderate	Mid-Ebb	S	1	15:00	8.23	8.17	31.07	21.27	2.57	12	114	0.238	SE
C2A	20200117	Cloudy	Moderate	Mid-Ebb	S	1	15:00	8.56	8.05	31.54	21.2	2.4	12	114	0.22	E
F1A	20200117	Cloudy	Moderate	Mid-Ebb	B	7.7	14:49	8.48	8.22	31.52	21.26	2.97	15	114	0.204	SE
F1A	20200117	Cloudy	Moderate	Mid-Ebb	B	7.7	14:49	8.42	8.16	31.05	21.11	2.89	14	114	0.149	E
F1A	20200117	Cloudy	Moderate	Mid-Ebb	M	4.35	14:50	8.33	7.97	31.56	21.14	2.62	15	115	0.185	SE
F1A	20200117	Cloudy	Moderate	Mid-Ebb	M	4.35	14:50	7.97	8.12	31.23	21.21	2.86	14	114	0.232	E
F1A	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:51	8.07	8.11	31.14	21.26	2.52	12	114	0.242	E
F1A	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:51	8.2	8.05	31.15	21.15	2.58	12	114	0.159	SE
H1	20200117	Cloudy	Moderate	Mid-Ebb	B	7.3	13:58	8.46	8.24	31.29	21.16	3.11	14	114	0.207	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
H1	20200117	Cloudy	Moderate	Mid-Ebb	B	7.3	13:58	7.95	8.09	31.47	21.26	3.04	13	114	0.196	E
H1	20200117	Cloudy	Moderate	Mid-Ebb	M	4.15	13:59	8.01	8.17	31.21	21.21	2.91	12	114	0.161	SE
H1	20200117	Cloudy	Moderate	Mid-Ebb	M	4.15	13:59	8.06	8.17	31.53	21.26	2.91	13	115	0.15	SE
H1	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:00	8.17	8.23	31.16	21.3	2.68	11	114	0.21	SE
H1	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:00	8.38	8.12	31.12	21.26	2.63	11	114	0.22	SE
M1	20200117	Cloudy	Moderate	Mid-Ebb	B	7.7	15:09	7.86	7.98	31.51	21.16	3.14	19	114	0.149	E
M1	20200117	Cloudy	Moderate	Mid-Ebb	B	7.7	15:09	8.11	8.21	31.08	21.22	3.05	20	115	0.16	E
M1	20200117	Cloudy	Moderate	Mid-Ebb	M	4.35	15:10	7.85	8.15	31.04	21.29	2.88	18	115	0.167	SE
M1	20200117	Cloudy	Moderate	Mid-Ebb	M	4.35	15:10	8.02	8.03	31.23	21.24	2.36	18	117	0.159	SE
M1	20200117	Cloudy	Moderate	Mid-Ebb	S	1	15:11	7.94	8.12	31.01	21.26	2.9	15	115	0.216	SE
M1	20200117	Cloudy	Moderate	Mid-Ebb	S	1	15:11	7.85	8.07	31.56	21.11	2.37	16	114	0.237	E
CR1	20200117	Cloudy	Moderate	Mid-Ebb	B	12.2	14:42	8.15	8	31.31	21.19	3.26	9	114	0.203	SE
CR1	20200117	Cloudy	Moderate	Mid-Ebb	B	12.2	14:42	8.16	8.09	31.43	21.21	3.01	8	114	0.195	E
CR1	20200117	Cloudy	Moderate	Mid-Ebb	M	6.6	14:43	8.08	8.04	31.57	21.13	2.54	12	115	0.239	SE
CR1	20200117	Cloudy	Moderate	Mid-Ebb	M	6.6	14:43	7.94	8.06	31.48	21.17	2.43	11	114	0.231	SE
CR1	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:44	8	7.96	31.54	21.18	2.54	12	114	0.23	SE
CR1	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:44	7.99	8.15	31.17	21.28	2.57	12	115	0.203	SE
CR2	20200117	Cloudy	Moderate	Mid-Ebb	B	10.9	14:16	8.07	8.12	31.43	21.16	3.04	13	114	0.197	SE
CR2	20200117	Cloudy	Moderate	Mid-Ebb	B	10.9	14:16	8.53	8.15	31.52	21.17	3.07	14	114	0.209	E
CR2	20200117	Cloudy	Moderate	Mid-Ebb	M	5.95	14:17	8.33	8.02	31.55	21.13	2.74	12	114	0.206	SE
CR2	20200117	Cloudy	Moderate	Mid-Ebb	M	5.95	14:17	8.14	8.05	31.31	21.28	2.41	13	114	0.206	E
CR2	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:18	7.85	8.1	31.46	21.2	2.59	8	114	0.191	SE
CR2	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:18	7.9	8.06	31.53	21.27	2.45	8	114	0.243	SE
S1	20200117	Cloudy	Moderate	Mid-Ebb	B	4	13:49	7.89	7.99	31.31	21.25	3.23	13	114	0.183	E
S1	20200117	Cloudy	Moderate	Mid-Ebb	B	4	13:49	7.9	7.98	31.24	21.21	3.22	13	114	0.182	SE
S1	20200117	Cloudy	Moderate	Mid-Ebb	S	1	13:50	8.05	8.14	31.36	21.28	2.89	8	114	0.219	SE
S1	20200117	Cloudy	Moderate	Mid-Ebb	S	1	13:50	8.43	8.2	31.27	21.26	2.31	9	115	0.251	E
S2A	20200117	Cloudy	Moderate	Mid-Ebb	B	7.8	14:08	8.4	8.13	31.23	21.23	3.06	8	114	0.176	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	20200117	Cloudy	Moderate	Mid-Ebb	B	7.8	14:08	8.5	8.05	31.35	21.27	3.17	9	114	0.175	SE
S2A	20200117	Cloudy	Moderate	Mid-Ebb	M	4.4	14:09	8.53	7.97	31.32	21.17	2.92	11	114	0.252	E
S2A	20200117	Cloudy	Moderate	Mid-Ebb	M	4.4	14:09	8.34	8	31.21	21.13	2.9	10	116	0.218	E
S2A	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:10	8.41	8.01	31.09	21.25	2.72	11	114	0.246	SE
S2A	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:10	8.28	7.96	31.32	21.23	2.52	11	114	0.175	E
S3	20200117	Cloudy	Moderate	Mid-Ebb	B	9.9	14:28	7.82	8.21	31.58	21.22	3.43	11	116	0.18	E
S3	20200117	Cloudy	Moderate	Mid-Ebb	B	9.9	14:28	7.95	8.15	31.12	21.27	3.01	10	118	0.195	SE
S3	20200117	Cloudy	Moderate	Mid-Ebb	M	5.45	14:29	8.15	8.07	31.4	21.21	2.67	12	114	0.211	SE
S3	20200117	Cloudy	Moderate	Mid-Ebb	M	5.45	14:29	8.39	8.18	31.41	21.17	2.92	12	115	0.245	SE
S3	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:30	8.23	8.02	31.03	21.18	2.51	14	114	0.158	SE
S3	20200117	Cloudy	Moderate	Mid-Ebb	S	1	14:30	8.04	8.02	31.22	21.13	2.93	14	115	0.175	SE
B1	20200120	Cloudy	Moderate	Mid-Ebb	B	3.8	9:46	8.05	8.02	30.85	20.98	2.97	6	114	0.209	SE
B1	20200120	Cloudy	Moderate	Mid-Ebb	B	3.8	9:46	7.7	8.1	30.94	20.98	3.25	4	114	0.221	SE
B1	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:47	7.78	8.29	31.01	21.07	2.92	5	114	0.238	SE
B1	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:47	7.94	8.28	31.27	21.02	2.55	5	114	0.218	E
B2	20200120	Cloudy	Moderate	Mid-Ebb	B	4.2	10:07	7.98	8.22	31.02	21.15	3.22	5	114	0.184	SE
B2	20200120	Cloudy	Moderate	Mid-Ebb	B	4.2	10:07	7.95	7.99	30.91	21.12	3.24	5	114	0.198	SE
B2	20200120	Cloudy	Moderate	Mid-Ebb	S	1	10:08	7.79	8.19	31	21.06	2.95	4	114	0.158	SE
B2	20200120	Cloudy	Moderate	Mid-Ebb	S	1	10:08	8.13	8.22	30.89	20.99	2.52	4	114	0.243	E
B3	20200120	Cloudy	Moderate	Mid-Ebb	B	3.7	9:14	8.02	8.15	31	20.97	3.09	6	115	0.225	E
B3	20200120	Cloudy	Moderate	Mid-Ebb	B	3.7	9:14	7.85	8.26	30.9	21.01	3.45	6	115	0.174	SE
B3	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:15	8.28	8.08	31.26	20.85	2.6	4	115	0.136	SE
B3	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:15	7.78	7.98	31.03	20.89	2.67	3	115	0.205	E
B4	20200120	Cloudy	Moderate	Mid-Ebb	B	3.4	9:07	7.84	8.24	31.07	20.97	3.22	4	114	0.151	SE
B4	20200120	Cloudy	Moderate	Mid-Ebb	B	3.4	9:07	7.86	8.15	30.95	20.93	3.15	5	114	0.15	SE
B4	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:08	7.98	8.13	30.93	21.09	2.71	5	114	0.202	SE
B4	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:08	7.62	8.21	31.29	20.96	2.97	5	114	0.245	SE
C1A	20200120	Cloudy	Moderate	Mid-Ebb	B	8.8	8:00	8.16	8.1	31.29	20.91	3.18	6	115	0.197	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	20200120	Cloudy	Moderate	Mid-Ebb	B	8.8	8:00	8.12	8.27	31.12	20.9	3.21	5	114	0.179	SE
C1A	20200120	Cloudy	Moderate	Mid-Ebb	M	4.9	8:01	8	7.98	30.91	20.75	2.47	7	114	0.176	SE
C1A	20200120	Cloudy	Moderate	Mid-Ebb	M	4.9	8:01	7.95	8.11	31.02	20.92	2.55	8	115	0.145	SE
C1A	20200120	Cloudy	Moderate	Mid-Ebb	S	1	8:02	7.79	7.98	31.1	20.89	2.77	9	115	0.142	SE
C1A	20200120	Cloudy	Moderate	Mid-Ebb	S	1	8:02	8.29	8.03	30.9	20.74	2.48	8	115	0.142	SE
C2A	20200120	Cloudy	Moderate	Mid-Ebb	B	10.4	9:30	7.91	7.96	30.96	20.9	3.56	5	114	0.16	SE
C2A	20200120	Cloudy	Moderate	Mid-Ebb	B	10.4	9:30	8.08	8.12	31.14	20.96	3.07	5	114	0.214	SE
C2A	20200120	Cloudy	Moderate	Mid-Ebb	M	5.7	9:31	8.05	8	31.2	21.07	2.86	6	114	0.2	SE
C2A	20200120	Cloudy	Moderate	Mid-Ebb	M	5.7	9:31	7.85	8.04	31.3	20.93	2.47	5	115	0.222	SE
C2A	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:32	8.1	8.28	31.11	21.04	2.97	7	115	0.177	SE
C2A	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:32	7.93	8.09	31.21	21.06	2.77	6	114	0.229	E
CR1	20200120	Cloudy	Moderate	Mid-Ebb	B	11.3	9:10	7.96	8.24	30.85	21.01	2.97	5	114	0.241	SE
CR1	20200120	Cloudy	Moderate	Mid-Ebb	B	11.3	9:10	8.19	8.18	31.14	21.01	3.13	4	116	0.144	E
CR1	20200120	Cloudy	Moderate	Mid-Ebb	M	6.15	9:11	8.25	8.03	30.81	21.02	2.96	4	114	0.153	SE
CR1	20200120	Cloudy	Moderate	Mid-Ebb	M	6.15	9:11	8.27	8.07	31.01	20.96	3	4	116	0.249	SE
CR1	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:12	8.18	8.12	31.17	20.94	2.55	5	114	0.156	E
CR1	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:12	7.81	8.25	30.88	21.09	3	4	114	0.243	E
CR2	20200120	Cloudy	Moderate	Mid-Ebb	B	10.8	8:42	7.73	8.25	31.18	20.91	3.43	7	115	0.173	SE
CR2	20200120	Cloudy	Moderate	Mid-Ebb	B	10.8	8:42	7.64	7.98	31.3	20.8	3.17	6	114	0.145	SE
CR2	20200120	Cloudy	Moderate	Mid-Ebb	M	5.9	8:43	8.05	8.12	31.23	20.82	2.98	6	115	0.251	SE
CR2	20200120	Cloudy	Moderate	Mid-Ebb	M	5.9	8:43	7.81	8.1	30.96	20.87	2.81	5	115	0.142	SE
CR2	20200120	Cloudy	Moderate	Mid-Ebb	S	1	8:44	7.84	8.28	30.9	20.8	2.98	5	114	0.166	E
CR2	20200120	Cloudy	Moderate	Mid-Ebb	S	1	8:44	8.16	8.25	30.96	20.99	2.66	4	114	0.163	SE
F1A	20200120	Cloudy	Moderate	Mid-Ebb	B	7.8	8:43	7.95	8.21	31.09	20.92	3.03	8	115	0.236	SE
F1A	20200120	Cloudy	Moderate	Mid-Ebb	B	7.8	8:43	7.97	7.97	31.06	20.99	3.14	7	116	0.199	E
F1A	20200120	Cloudy	Moderate	Mid-Ebb	M	4.4	8:44	7.79	8.02	30.87	20.99	2.67	6	115	0.142	SE
F1A	20200120	Cloudy	Moderate	Mid-Ebb	M	4.4	8:44	7.91	8.16	30.86	20.91	2.67	6	114	0.244	E
F1A	20200120	Cloudy	Moderate	Mid-Ebb	S	1	8:45	7.7	8.11	30.86	20.79	2.43	5	114	0.175	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	20200120	Cloudy	Moderate	Mid-Ebb	S	1	8:45	7.76	7.96	31.14	20.8	2.78	5	114	0.195	SE
H1	20200120	Cloudy	Moderate	Mid-Ebb	B	8	8:27	8.12	8.12	31.3	20.76	3.1	5	115	0.222	SE
H1	20200120	Cloudy	Moderate	Mid-Ebb	B	8	8:27	7.82	8.14	30.87	20.82	3.42	4	114	0.139	SE
H1	20200120	Cloudy	Moderate	Mid-Ebb	M	4.5	8:28	8.04	8.24	30.94	20.83	2.76	4	115	0.235	E
H1	20200120	Cloudy	Moderate	Mid-Ebb	M	4.5	8:28	8.06	8	30.81	20.83	2.79	5	115	0.233	SE
H1	20200120	Cloudy	Moderate	Mid-Ebb	S	1	8:29	7.78	8.14	31.07	20.83	2.81	6	114	0.218	SE
H1	20200120	Cloudy	Moderate	Mid-Ebb	S	1	8:29	7.7	8.12	30.89	20.91	2.51	5	114	0.235	SE
M1	20200120	Cloudy	Moderate	Mid-Ebb	B	8.9	8:21	8.06	8.06	31.05	20.81	3.11	7	114	0.239	SE
M1	20200120	Cloudy	Moderate	Mid-Ebb	B	8.9	8:21	8.22	8.06	31.2	20.92	3.35	7	115	0.198	SE
M1	20200120	Cloudy	Moderate	Mid-Ebb	M	4.95	8:22	8.12	8.04	31.13	20.86	2.61	7	115	0.235	SE
M1	20200120	Cloudy	Moderate	Mid-Ebb	M	4.95	8:22	8.26	8.18	31.18	20.87	2.47	6	115	0.184	SE
M1	20200120	Cloudy	Moderate	Mid-Ebb	S	1	8:23	7.96	8.21	30.97	20.92	2.74	4	115	0.215	SE
M1	20200120	Cloudy	Moderate	Mid-Ebb	S	1	8:23	8.22	8.02	31.17	20.86	2.52	4	113	0.139	SE
S1	20200120	Cloudy	Moderate	Mid-Ebb	B	3.8	9:58	8.07	7.97	31.19	21.01	3.01	5	114	0.179	SE
S1	20200120	Cloudy	Moderate	Mid-Ebb	B	3.8	9:58	7.98	8.18	30.98	21.05	3.3	5	115	0.173	SE
S1	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:59	8.24	8.12	31.03	20.99	2.42	5	114	0.147	SE
S1	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:59	8.22	8.22	31.26	21.14	2.88	5	114	0.221	E
S2A	20200120	Cloudy	Moderate	Mid-Ebb	B	8.1	9:28	8.03	8	31.2	21.01	3.54	4	115	0.164	E
S2A	20200120	Cloudy	Moderate	Mid-Ebb	B	8.1	9:28	7.83	8.26	31.2	21.06	3.29	5	115	0.24	SE
S2A	20200120	Cloudy	Moderate	Mid-Ebb	M	4.55	9:29	8.21	8	31.27	20.96	2.93	4	114	0.211	SE
S2A	20200120	Cloudy	Moderate	Mid-Ebb	M	4.55	9:29	7.75	8.23	30.86	20.96	2.83	4	115	0.236	SE
S2A	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:30	7.79	8.11	30.93	20.95	2.65	4	115	0.241	E
S2A	20200120	Cloudy	Moderate	Mid-Ebb	S	1	9:30	7.68	8.11	31.27	20.95	2.87	4	114	0.166	SE
S3	20200120	Cloudy	Moderate	Mid-Ebb	B	10.5	8:53	7.78	8.1	31.01	20.93	3.15	4	114	0.224	E
S3	20200120	Cloudy	Moderate	Mid-Ebb	B	10.5	8:53	7.93	8.23	30.93	20.97	3.5	4	114	0.18	SE
S3	20200120	Cloudy	Moderate	Mid-Ebb	M	5.75	8:54	7.8	8.17	30.9	20.79	2.51	4	114	0.181	E
S3	20200120	Cloudy	Moderate	Mid-Ebb	M	5.75	8:54	7.94	8.18	30.93	20.76	2.84	5	115	0.154	SE
S3	20200120	Cloudy	Moderate	Mid-Ebb	S	1	8:55	8.22	8.06	31.29	20.91	2.6	3	116	0.143	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	20200120	Cloudy	Moderate	Mid-Ebb	S	1	8:55	7.96	8.03	31.03	20.8	2.91	4	114	0.155	SE
B1	20200120	Cloudy	Moderate	Mid-Flood	B	3.5	13:57	7.91	8.13	30.56	21.64	3.57	3	116	0.195	W
B1	20200120	Cloudy	Moderate	Mid-Flood	B	3.5	13:57	7.99	7.96	30.93	21.75	3.13	3	114	0.244	W
B1	20200120	Cloudy	Moderate	Mid-Flood	S	1	13:58	7.66	7.95	30.84	21.5	3.11	5	117	0.259	W
B1	20200120	Cloudy	Moderate	Mid-Flood	S	1	13:58	8.01	8.17	30.45	21.58	3.04	4	115	0.233	W
B2	20200120	Cloudy	Moderate	Mid-Flood	B	4.2	13:40	7.74	8.01	30.63	21.59	3.62	3	115	0.189	W
B2	20200120	Cloudy	Moderate	Mid-Flood	B	4.2	13:40	8.06	8.05	30.85	21.49	3.4	3	115	0.188	W
B2	20200120	Cloudy	Moderate	Mid-Flood	S	1	13:41	7.97	8.17	30.39	21.52	2.68	5	114	0.271	W
B2	20200120	Cloudy	Moderate	Mid-Flood	S	1	13:41	7.72	8.16	30.23	21.66	2.87	4	115	0.204	W
B3	20200120	Cloudy	Moderate	Mid-Flood	B	3.6	14:21	7.73	8.11	30.22	21.62	3.23	8	114	0.195	W
B3	20200120	Cloudy	Moderate	Mid-Flood	B	3.6	14:21	7.64	7.96	30.39	21.45	3.78	7	115	0.259	NW
B3	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:22	7.72	8.15	30.65	21.55	2.75	4	115	0.238	W
B3	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:22	8.22	8.21	30.6	21.46	2.71	5	115	0.243	W
B4	20200120	Cloudy	Moderate	Mid-Flood	B	4.1	14:27	7.58	8.28	30.51	21.61	3.66	5	114	0.238	W
B4	20200120	Cloudy	Moderate	Mid-Flood	B	4.1	14:27	8.17	8.11	30.64	21.43	3.62	6	115	0.265	W
B4	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:28	7.62	8.23	30.39	21.61	2.6	5	115	0.261	W
B4	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:28	8.22	7.99	30.65	21.7	2.78	5	114	0.215	W
C1A	20200120	Cloudy	Moderate	Mid-Flood	B	10.2	13:55	8.16	8.29	30.25	21.48	3.09	5	116	0.22	W
C1A	20200120	Cloudy	Moderate	Mid-Flood	B	10.2	13:55	7.86	8.2	30.51	21.73	3.31	4	114	0.236	W
C1A	20200120	Cloudy	Moderate	Mid-Flood	M	5.6	13:56	7.86	8.25	30.23	21.73	2.76	3	115	0.257	W
C1A	20200120	Cloudy	Moderate	Mid-Flood	M	5.6	13:56	8.12	8.07	30.82	21.62	3.15	3	114	0.241	W
C1A	20200120	Cloudy	Moderate	Mid-Flood	S	1	13:57	7.94	8.23	30.6	21.64	2.78	3	114	0.203	NW
C1A	20200120	Cloudy	Moderate	Mid-Flood	S	1	13:57	8.24	8.02	30.69	21.51	2.61	3	116	0.256	NW
C2A	20200120	Cloudy	Moderate	Mid-Flood	B	10	12:59	7.76	8.15	30.68	21.69	3.31	4	115	0.252	W
C2A	20200120	Cloudy	Moderate	Mid-Flood	B	10	12:59	7.8	8.26	30.66	21.55	3.16	4	114	0.207	W
C2A	20200120	Cloudy	Moderate	Mid-Flood	M	5.5	13:00	7.89	8.12	30.9	21.64	2.97	4	115	0.248	NW
C2A	20200120	Cloudy	Moderate	Mid-Flood	M	5.5	13:00	8.24	8.06	30.3	21.61	2.98	4	114	0.219	W
C2A	20200120	Cloudy	Moderate	Mid-Flood	S	1	13:01	7.73	7.95	30.53	21.76	2.81	3	115	0.212	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	20200120	Cloudy	Moderate	Mid-Flood	S	1	13:01	7.85	8.21	30.81	21.79	2.77	4	115	0.216	NW
CR1	20200120	Cloudy	Moderate	Mid-Flood	B	11.7	14:56	7.63	8.27	30.21	21.35	3.11	4	114	0.249	W
CR1	20200120	Cloudy	Moderate	Mid-Flood	B	11.7	14:56	7.71	8.01	30.87	21.47	3.43	4	114	0.231	W
CR1	20200120	Cloudy	Moderate	Mid-Flood	M	6.35	14:57	7.82	8.27	30.72	21.48	3.01	4	114	0.191	W
CR1	20200120	Cloudy	Moderate	Mid-Flood	M	6.35	14:57	8.07	8.17	30.83	21.57	3.26	4	115	0.218	W
CR1	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:58	8.31	8.05	30.91	21.47	3.02	3	115	0.272	W
CR1	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:58	7.98	8.09	30.46	21.44	2.9	4	115	0.233	W
CR2	20200120	Cloudy	Moderate	Mid-Flood	B	9.8	14:30	7.59	7.95	30.61	21.42	3.07	4	115	0.189	W
CR2	20200120	Cloudy	Moderate	Mid-Flood	B	9.8	14:30	7.94	8.23	30.66	21.38	3.65	3	115	0.266	W
CR2	20200120	Cloudy	Moderate	Mid-Flood	M	5.4	14:31	7.97	8.19	30.8	21.39	3.02	5	114	0.263	W
CR2	20200120	Cloudy	Moderate	Mid-Flood	M	5.4	14:31	7.61	8.13	30.61	21.63	2.99	5	114	0.255	NW
CR2	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:32	7.78	8.08	30.59	21.64	2.77	7	114	0.261	W
CR2	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:32	8.19	8.18	30.86	21.36	2.8	6	114	0.211	W
F1A	20200120	Cloudy	Moderate	Mid-Flood	B	7	14:49	8.04	8.05	30.61	21.35	3.2	5	115	0.191	NW
F1A	20200120	Cloudy	Moderate	Mid-Flood	B	7	14:49	7.82	8.05	30.88	21.45	3.44	5	114	0.25	W
F1A	20200120	Cloudy	Moderate	Mid-Flood	M	4	14:50	7.82	8.27	30.27	21.37	2.98	5	115	0.258	NW
F1A	20200120	Cloudy	Moderate	Mid-Flood	M	4	14:50	7.85	8.19	30.63	21.37	3.27	5	115	0.259	NW
F1A	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:51	8	8.22	30.35	21.55	2.84	4	114	0.206	NW
F1A	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:51	7.65	8.12	30.88	21.43	2.94	3	114	0.246	W
H1	20200120	Cloudy	Moderate	Mid-Flood	B	7	13:25	8.11	8.28	30.22	21.61	3.43	3	114	0.219	W
H1	20200120	Cloudy	Moderate	Mid-Flood	B	7	13:25	8.29	8.11	30.92	21.73	3.37	2	114	0.191	W
H1	20200120	Cloudy	Moderate	Mid-Flood	M	4	13:26	7.64	7.95	30.49	21.73	2.8	4	115	0.195	NW
H1	20200120	Cloudy	Moderate	Mid-Flood	M	4	13:26	7.55	8.24	30.4	21.57	3.29	3	114	0.232	W
H1	20200120	Cloudy	Moderate	Mid-Flood	S	1	13:27	8.26	8.07	30.2	21.61	2.6	5	114	0.243	W
H1	20200120	Cloudy	Moderate	Mid-Flood	S	1	13:27	7.72	8.05	30.76	21.75	2.77	4	114	0.206	W
M1	20200120	Cloudy	Moderate	Mid-Flood	B	7.6	15:09	7.91	8.28	30.52	21.53	3.31	4	115	0.201	W
M1	20200120	Cloudy	Moderate	Mid-Flood	B	7.6	15:09	8.2	8.05	30.79	21.43	3.18	3	115	0.23	W
M1	20200120	Cloudy	Moderate	Mid-Flood	M	4.3	15:10	8.05	8.19	30.68	21.52	2.94	4	115	0.192	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
M1	20200120	Cloudy	Moderate	Mid-Flood	M	4.3	15:10	7.93	8.13	30.33	21.51	3.14	4	115	0.232	NW
M1	20200120	Cloudy	Moderate	Mid-Flood	S	1	15:11	7.87	7.95	30.77	21.55	2.9	5	115	0.25	NW
M1	20200120	Cloudy	Moderate	Mid-Flood	S	1	15:11	7.77	8.25	30.34	21.43	3.11	5	115	0.212	W
S1	20200120	Cloudy	Moderate	Mid-Flood	B	4.1	13:49	8.16	8.02	30.81	21.6	3.41	4	115	0.212	W
S1	20200120	Cloudy	Moderate	Mid-Flood	B	4.1	13:49	8.27	8.13	30.34	21.7	3.47	5	115	0.229	NW
S1	20200120	Cloudy	Moderate	Mid-Flood	S	1	13:50	7.79	8.12	30.95	21.66	3.11	6	115	0.236	NW
S1	20200120	Cloudy	Moderate	Mid-Flood	S	1	13:50	8.09	8.06	30.3	21.6	2.69	6	115	0.243	W
S2A	20200120	Cloudy	Moderate	Mid-Flood	B	8.4	14:08	8.25	7.95	30.81	21.68	3.11	4	115	0.269	W
S2A	20200120	Cloudy	Moderate	Mid-Flood	B	8.4	14:08	7.97	7.99	30.46	21.65	3.41	3	114	0.24	W
S2A	20200120	Cloudy	Moderate	Mid-Flood	M	4.7	14:09	8	7.96	30.85	21.53	3.24	5	115	0.266	W
S2A	20200120	Cloudy	Moderate	Mid-Flood	M	4.7	14:09	8.1	8.24	30.32	21.47	3.1	6	114	0.222	NW
S2A	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:10	8.06	8.12	30.93	21.65	2.85	6	114	0.227	W
S2A	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:10	7.66	8.25	30.81	21.54	2.76	5	114	0.225	W
S3	20200120	Cloudy	Moderate	Mid-Flood	B	9.6	14:40	8.13	8.21	30.78	21.59	3.38	4	114	0.213	W
S3	20200120	Cloudy	Moderate	Mid-Flood	B	9.6	14:40	7.67	8.27	30.83	21.6	3.46	4	115	0.239	W
S3	20200120	Cloudy	Moderate	Mid-Flood	M	5.3	14:41	7.91	8.06	30.35	21.36	3.3	4	115	0.211	W
S3	20200120	Cloudy	Moderate	Mid-Flood	M	5.3	14:41	8.02	8.25	30.4	21.51	3.06	5	114	0.209	W
S3	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:42	8.17	7.99	30.82	21.63	3.17	4	115	0.262	W
S3	20200120	Cloudy	Moderate	Mid-Flood	S	1	14:42	7.8	8.25	30.56	21.63	3.17	4	115	0.262	W
B1	20200122	Sunny	Moderate	Mid-Ebb	B	3.5	11:12	8.16	7.98	30.44	20.74	2.87	5	115	0.167	SE
B1	20200122	Sunny	Moderate	Mid-Ebb	B	3.5	11:12	8.01	8.26	30.89	20.57	3.16	4	115	0.224	SE
B1	20200122	Sunny	Moderate	Mid-Ebb	S	1	11:13	7.82	8.12	30.53	20.51	2.64	6	116	0.227	SE
B1	20200122	Sunny	Moderate	Mid-Ebb	S	1	11:13	8.25	8.05	30.53	20.51	2.56	5	115	0.214	SE
B2	20200122	Sunny	Moderate	Mid-Ebb	B	4.2	11:28	8.15	8.28	30.61	20.76	3.08	6	114	0.184	SE
B2	20200122	Sunny	Moderate	Mid-Ebb	B	4.2	11:28	8.34	8.07	30.38	20.65	3.31	6	115	0.201	SE
B2	20200122	Sunny	Moderate	Mid-Ebb	S	1	11:29	8.32	8.06	30.63	20.81	2.59	5	114	0.176	SE
B2	20200122	Sunny	Moderate	Mid-Ebb	S	1	11:29	7.89	8.15	30.66	20.72	2.83	4	115	0.183	SE
B3	20200122	Sunny	Moderate	Mid-Ebb	B	3.8	10:44	8.32	8.12	30.9	20.54	3.09	5	115	0.179	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
B3	20200122	Sunny	Moderate	Mid-Ebb	B	3.8	10:44	8.18	8.2	30.42	20.73	3.03	4	114	0.188	SE
B3	20200122	Sunny	Moderate	Mid-Ebb	S	1	10:45	7.93	8.03	30.39	20.71	2.37	3	114	0.227	SE
B3	20200122	Sunny	Moderate	Mid-Ebb	S	1	10:45	7.86	8.25	30.37	20.76	2.66	4	114	0.168	SE
B4	20200122	Sunny	Moderate	Mid-Ebb	B	3.1	10:37	8.4	8.09	30.47	20.62	3.14	5	115	0.25	SE
B4	20200122	Sunny	Moderate	Mid-Ebb	B	3.1	10:37	8.29	8.08	30.87	20.71	2.99	4	115	0.198	SE
B4	20200122	Sunny	Moderate	Mid-Ebb	S	1	10:38	8.05	8.17	30.53	20.67	2.89	4	115	0.221	SE
B4	20200122	Sunny	Moderate	Mid-Ebb	S	1	10:38	7.99	8.18	30.63	20.77	2.78	4	115	0.238	SE
C1A	20200122	Sunny	Moderate	Mid-Ebb	B	9.7	9:24	8.16	8.07	30.66	20.5	3.19	3	114	0.232	SE
C1A	20200122	Sunny	Moderate	Mid-Ebb	B	9.7	9:24	8.07	8.13	30.76	20.64	3.12	4	115	0.212	SE
C1A	20200122	Sunny	Moderate	Mid-Ebb	M	5.35	9:25	7.85	8.09	30.51	20.68	2.68	3	114	0.189	SE
C1A	20200122	Sunny	Moderate	Mid-Ebb	M	5.35	9:25	7.95	7.97	30.74	20.47	2.88	3	115	0.218	E
C1A	20200122	Sunny	Moderate	Mid-Ebb	S	1	9:26	8.48	8.13	30.48	20.63	2.81	3	114	0.239	E
C1A	20200122	Sunny	Moderate	Mid-Ebb	S	1	9:26	8.05	8.23	30.42	20.5	2.67	3	113	0.224	SE
C2A	20200122	Sunny	Moderate	Mid-Ebb	B	11.4	11:07	7.89	8.14	30.45	20.54	2.93	5	114	0.175	SE
C2A	20200122	Sunny	Moderate	Mid-Ebb	B	11.4	11:07	7.89	8.04	30.69	20.58	2.98	4	114	0.182	SE
C2A	20200122	Sunny	Moderate	Mid-Ebb	M	6.2	11:08	8.42	8.14	30.9	20.69	2.61	4	114	0.183	SE
C2A	20200122	Sunny	Moderate	Mid-Ebb	M	6.2	11:08	8.4	8.03	30.59	20.64	2.65	5	114	0.2	SE
C2A	20200122	Sunny	Moderate	Mid-Ebb	S	1	11:09	8.04	8.02	30.82	20.63	2.67	4	114	0.204	E
C2A	20200122	Sunny	Moderate	Mid-Ebb	S	1	11:09	8.1	8.17	30.77	20.6	2.32	5	114	0.226	E
CR1	20200122	Sunny	Moderate	Mid-Ebb	B	12.5	10:46	7.97	8.01	30.87	20.51	3.28	4	114	0.16	SE
CR1	20200122	Sunny	Moderate	Mid-Ebb	B	12.5	10:46	7.88	8.27	30.53	20.54	3.24	4	114	0.182	SE
CR1	20200122	Sunny	Moderate	Mid-Ebb	M	6.75	10:47	7.95	8.28	30.44	20.64	2.44	4	115	0.217	E
CR1	20200122	Sunny	Moderate	Mid-Ebb	M	6.75	10:47	7.83	8.1	30.53	20.68	2.41	5	114	0.194	SE
CR1	20200122	Sunny	Moderate	Mid-Ebb	S	1	10:48	8.05	8.26	30.76	20.68	2.47	4	115	0.233	E
CR1	20200122	Sunny	Moderate	Mid-Ebb	S	1	10:48	8.43	7.99	30.78	20.64	2.86	4	115	0.169	E
CR2	20200122	Sunny	Moderate	Mid-Ebb	B	10	10:15	7.83	8.22	30.6	20.63	3.04	6	115	0.227	SE
CR2	20200122	Sunny	Moderate	Mid-Ebb	B	10	10:15	8.19	8.07	30.3	20.5	3.35	6	114	0.184	SE
CR2	20200122	Sunny	Moderate	Mid-Ebb	M	5.5	10:16	7.94	8.05	30.37	20.46	2.41	5	115	0.247	SE

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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
CR2	20200122	Sunny	Moderate	Mid-Ebb	M	5.5	10:16	8.08	8.24	30.8	20.67	2.84	4	115	0.201	E
CR2	20200122	Sunny	Moderate	Mid-Ebb	S	1	10:17	7.93	8.2	30.87	20.57	2.9	4	115	0.174	SE
CR2	20200122	Sunny	Moderate	Mid-Ebb	S	1	10:17	8.33	8.16	30.65	20.51	2.69	4	114	0.189	SE
F1A	20200122	Sunny	Moderate	Mid-Ebb	B	7.3	10:15	7.95	8.15	30.81	20.73	3.17	6	114	0.174	E
F1A	20200122	Sunny	Moderate	Mid-Ebb	B	7.3	10:15	8.3	8.18	30.39	20.61	3.05	5	115	0.212	SE
F1A	20200122	Sunny	Moderate	Mid-Ebb	M	4.15	10:16	8.27	8.13	30.83	20.53	2.47	5	114	0.176	SE
F1A	20200122	Sunny	Moderate	Mid-Ebb	M	4.15	10:16	8.12	8.07	30.78	20.59	2.42	5	114	0.225	SE
F1A	20200122	Sunny	Moderate	Mid-Ebb	S	1	10:17	8.04	8.18	30.8	20.52	2.32	4	114	0.18	SE
F1A	20200122	Sunny	Moderate	Mid-Ebb	S	1	10:17	8.33	7.97	30.5	20.64	2.36	4	114	0.2	E
H1	20200122	Sunny	Moderate	Mid-Ebb	B	7.3	9:55	8.22	8.09	30.82	20.4	2.93	5	115	0.216	E
H1	20200122	Sunny	Moderate	Mid-Ebb	B	7.3	9:55	7.83	8.27	30.89	20.6	3.37	4	114	0.182	SE
H1	20200122	Sunny	Moderate	Mid-Ebb	M	4.15	9:56	8.19	7.97	30.6	20.48	2.81	4	114	0.206	SE
H1	20200122	Sunny	Moderate	Mid-Ebb	M	4.15	9:56	7.99	8.12	30.77	20.51	2.48	4	114	0.205	E
H1	20200122	Sunny	Moderate	Mid-Ebb	S	1	9:57	8.39	8.01	30.53	20.46	2.44	4	114	0.198	E
H1	20200122	Sunny	Moderate	Mid-Ebb	S	1	9:57	8.21	8.18	30.4	20.67	2.53	3	114	0.175	E
M1	20200122	Sunny	Moderate	Mid-Ebb	B	8.3	9:54	7.85	8.06	30.9	20.67	3.2	5	114	0.222	SE
M1	20200122	Sunny	Moderate	Mid-Ebb	B	8.3	9:54	7.99	8.27	30.53	20.54	3.41	5	115	0.166	E
M1	20200122	Sunny	Moderate	Mid-Ebb	M	4.65	9:55	8.25	8.2	30.72	20.61	2.69	4	115	0.212	E
M1	20200122	Sunny	Moderate	Mid-Ebb	M	4.65	9:55	8.18	8.02	30.63	20.63	2.42	5	115	0.241	E
M1	20200122	Sunny	Moderate	Mid-Ebb	S	1	9:56	8.04	8.15	30.43	20.59	2.47	4	114	0.169	SE
M1	20200122	Sunny	Moderate	Mid-Ebb	S	1	9:56	8.1	8.22	30.85	20.5	2.48	4	115	0.184	E
S1	20200122	Sunny	Moderate	Mid-Ebb	B	4.2	11:19	8.36	8.24	30.77	20.76	2.88	6	115	0.226	SE
S1	20200122	Sunny	Moderate	Mid-Ebb	B	4.2	11:19	8.25	8.04	30.82	20.8	2.97	5	114	0.231	E
S1	20200122	Sunny	Moderate	Mid-Ebb	S	1	11:20	8.46	8.08	30.63	20.56	2.52	4	114	0.245	SE
S1	20200122	Sunny	Moderate	Mid-Ebb	S	1	11:20	7.97	8.27	30.32	20.57	2.39	4	114	0.209	E
S2A	20200122	Sunny	Moderate	Mid-Ebb	B	7.9	10:59	7.83	8.14	30.86	20.83	3.33	5	115	0.208	SE
S2A	20200122	Sunny	Moderate	Mid-Ebb	B	7.9	10:59	7.97	8.22	30.43	20.71	3.44	6	114	0.191	SE
S2A	20200122	Sunny	Moderate	Mid-Ebb	M	4.45	11:00	8.41	7.99	30.71	20.57	2.53	6	115	0.183	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level 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	20200122	Sunny	Moderate	Mid-Ebb	M	4.45	11:00	7.92	8.24	30.33	20.74	2.53	5	114	0.158	SE
S2A	20200122	Sunny	Moderate	Mid-Ebb	S	1	11:01	8.04	7.96	30.55	20.72	2.63	5	115	0.192	SE
S2A	20200122	Sunny	Moderate	Mid-Ebb	S	1	11:01	7.96	8.2	30.45	20.51	2.31	5	114	0.186	SE
S3	20200122	Sunny	Moderate	Mid-Ebb	B	8.8	10:27	7.88	8.03	30.6	20.48	3.29	5	114	0.168	SE
S3	20200122	Sunny	Moderate	Mid-Ebb	B	8.8	10:27	8.35	7.97	30.53	20.7	3.19	5	114	0.212	SE
S3	20200122	Sunny	Moderate	Mid-Ebb	M	4.9	10:28	8.01	8.04	30.74	20.67	2.42	4	114	0.198	SE
S3	20200122	Sunny	Moderate	Mid-Ebb	M	4.9	10:28	8.48	8.15	30.56	20.68	2.7	4	114	0.192	SE
S3	20200122	Sunny	Moderate	Mid-Ebb	S	1	10:29	7.89	8.03	30.87	20.55	2.76	4	115	0.242	E
S3	20200122	Sunny	Moderate	Mid-Ebb	S	1	10:29	7.88	7.96	30.9	20.59	2.72	4	115	0.183	SE
B1	20200122	Sunny	Moderate	Mid-Flood	B	4.2	14:58	7.8	8.06	30.82	20.82	3.17	4	115	0.176	W
B1	20200122	Sunny	Moderate	Mid-Flood	B	4.2	14:58	8.12	8.28	30.38	20.82	3.01	4	116	0.187	W
B1	20200122	Sunny	Moderate	Mid-Flood	S	1	14:59	8.06	8.07	30.77	20.83	2.67	6	117	0.199	W
B1	20200122	Sunny	Moderate	Mid-Flood	S	1	14:59	8	8.18	30.4	20.82	2.71	6	115	0.168	W
B2	20200122	Sunny	Moderate	Mid-Flood	B	3.4	15:15	7.85	8.24	30.49	20.94	3.07	3	115	0.236	NW
B2	20200122	Sunny	Moderate	Mid-Flood	B	3.4	15:15	7.99	8.29	30.29	20.86	3.36	4	115	0.178	NW
B2	20200122	Sunny	Moderate	Mid-Flood	S	1	15:16	8.14	8.25	30.91	20.86	2.38	3	116	0.264	NW
B2	20200122	Sunny	Moderate	Mid-Flood	S	1	15:16	7.76	8.12	30.65	20.79	2.89	3	115	0.178	W
B3	20200122	Sunny	Moderate	Mid-Flood	B	3.9	15:34	8.05	8.23	30.87	20.77	3.33	4	116	0.256	W
B3	20200122	Sunny	Moderate	Mid-Flood	B	3.9	15:34	7.78	8.25	30.63	20.84	3.59	5	116	0.178	W
B3	20200122	Sunny	Moderate	Mid-Flood	S	1	15:35	8.16	8.09	30.68	20.86	2.9	5	116	0.261	NW
B3	20200122	Sunny	Moderate	Mid-Flood	S	1	15:35	8.24	8.09	30.8	20.89	2.88	4	116	0.264	W
B4	20200122	Sunny	Moderate	Mid-Flood	B	3.9	15:41	8.19	8.07	30.83	20.91	3.36	3	116	0.269	NW
B4	20200122	Sunny	Moderate	Mid-Flood	B	3.9	15:41	8.26	8.22	30.56	20.75	3.55	4	115	0.19	W
B4	20200122	Sunny	Moderate	Mid-Flood	S	1	15:42	8.22	8.05	30.58	20.84	2.68	4	116	0.193	W
B4	20200122	Sunny	Moderate	Mid-Flood	S	1	15:42	8.03	8.21	30.41	20.88	2.77	3	116	0.175	W
C1A	20200122	Sunny	Moderate	Mid-Flood	B	10.6	14:29	8.11	8.16	30.68	20.98	3.39	5	115	0.198	NW
C1A	20200122	Sunny	Moderate	Mid-Flood	B	10.6	14:29	8.05	8.12	30.51	21.09	3.13	5	115	0.206	NW
C1A	20200122	Sunny	Moderate	Mid-Flood	M	5.8	14:30	8.11	8.22	30.26	20.9	2.66	4	116	0.257	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
C1A	20200122	Sunny	Moderate	Mid-Flood	M	5.8	14:30	7.84	8.17	30.46	20.97	3.04	5	116	0.212	W
C1A	20200122	Sunny	Moderate	Mid-Flood	S	1	14:31	8.02	8.06	30.36	21.02	2.4	5	115	0.194	W
C1A	20200122	Sunny	Moderate	Mid-Flood	S	1	14:31	8.13	8.05	30.82	20.89	2.85	4	116	0.169	W
C2A	20200122	Sunny	Moderate	Mid-Flood	B	10.7	14:24	7.84	8.25	30.95	21.01	3.06	5	115	0.194	W
C2A	20200122	Sunny	Moderate	Mid-Flood	B	10.7	14:24	8.03	8.13	30.56	20.91	3.14	6	116	0.185	W
C2A	20200122	Sunny	Moderate	Mid-Flood	M	5.85	14:25	7.98	8.19	30.29	21.01	2.9	5	116	0.187	W
C2A	20200122	Sunny	Moderate	Mid-Flood	M	5.85	14:25	7.77	8.15	30.9	21.05	2.97	5	116	0.23	W
C2A	20200122	Sunny	Moderate	Mid-Flood	S	1	14:26	8.29	8.18	30.58	20.9	2.7	5	116	0.18	W
C2A	20200122	Sunny	Moderate	Mid-Flood	S	1	14:26	8.03	8.25	30.95	21.03	2.78	4	116	0.182	W
CR1	20200122	Sunny	Moderate	Mid-Flood	B	11.7	15:40	8.11	8.13	30.49	20.77	3.14	7	115	0.216	W
CR1	20200122	Sunny	Moderate	Mid-Flood	B	11.7	15:40	8.04	8.13	30.44	20.92	3.36	8	116	0.187	W
CR1	20200122	Sunny	Moderate	Mid-Flood	M	6.35	15:41	7.85	8.13	30.7	20.83	2.87	5	115	0.202	W
CR1	20200122	Sunny	Moderate	Mid-Flood	M	6.35	15:41	7.87	8.28	30.77	20.86	2.83	5	116	0.194	W
CR1	20200122	Sunny	Moderate	Mid-Flood	S	1	15:42	8.24	8.05	30.59	20.87	2.72	5	116	0.261	W
CR1	20200122	Sunny	Moderate	Mid-Flood	S	1	15:42	8.2	8.09	30.8	20.81	2.55	5	117	0.198	W
CR2	20200122	Sunny	Moderate	Mid-Flood	B	9.7	15:10	8.31	8.15	30.49	20.96	3.38	5	116	0.232	NW
CR2	20200122	Sunny	Moderate	Mid-Flood	B	9.7	15:10	8.04	8.1	30.82	20.78	3.43	5	116	0.24	W
CR2	20200122	Sunny	Moderate	Mid-Flood	M	5.35	15:11	8.25	8.16	30.89	20.81	2.86	5	116	0.279	W
CR2	20200122	Sunny	Moderate	Mid-Flood	M	5.35	15:11	8.1	8.27	30.65	20.94	2.72	4	116	0.201	NW
CR2	20200122	Sunny	Moderate	Mid-Flood	S	1	15:12	7.92	8.15	30.79	20.82	2.81	4	117	0.18	NW
CR2	20200122	Sunny	Moderate	Mid-Flood	S	1	15:12	8.02	8.18	30.89	20.81	2.78	5	116	0.247	W
F1A	20200122	Sunny	Moderate	Mid-Flood	B	6.8	16:01	7.96	8.23	30.41	20.86	3.3	7	115	0.172	W
F1A	20200122	Sunny	Moderate	Mid-Flood	B	6.8	16:01	7.82	8.09	30.41	20.63	3.45	6	116	0.24	NW
F1A	20200122	Sunny	Moderate	Mid-Flood	M	3.9	16:02	8.03	8.26	30.8	20.85	3.05	5	116	0.257	W
F1A	20200122	Sunny	Moderate	Mid-Flood	M	3.9	16:02	7.95	8.26	30.63	20.67	2.59	5	116	0.254	W
F1A	20200122	Sunny	Moderate	Mid-Flood	S	1	16:03	7.91	8.09	30.9	20.82	2.85	4	116	0.216	W
F1A	20200122	Sunny	Moderate	Mid-Flood	S	1	16:03	8.19	8.16	30.78	20.87	2.94	5	116	0.197	W
H1	20200122	Sunny	Moderate	Mid-Flood	B	6.7	14:50	8.29	8.16	30.83	20.82	2.9	7	116	0.282	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
H1	20200122	Sunny	Moderate	Mid-Flood	B	6.7	14:50	7.99	8.15	30.27	20.94	3.18	8	115	0.229	W
H1	20200122	Sunny	Moderate	Mid-Flood	M	3.85	14:51	7.83	8.18	30.25	21.02	3.05	5	115	0.19	W
H1	20200122	Sunny	Moderate	Mid-Flood	M	3.85	14:51	7.78	8.15	30.2	20.82	2.96	4	116	0.239	W
H1	20200122	Sunny	Moderate	Mid-Flood	S	1	14:52	8.29	8.06	30.61	21.02	2.62	4	115	0.233	NW
H1	20200122	Sunny	Moderate	Mid-Flood	S	1	14:52	7.86	8.22	30.34	21.02	2.7	4	115	0.206	W
M1	20200122	Sunny	Moderate	Mid-Flood	B	7.2	16:22	8.27	8.28	30.92	20.79	3.08	7	116	0.231	W
M1	20200122	Sunny	Moderate	Mid-Flood	B	7.2	16:22	7.89	8.15	30.46	20.82	3.23	6	115	0.219	W
M1	20200122	Sunny	Moderate	Mid-Flood	M	4.1	16:23	8.14	8.17	30.7	20.85	2.59	3	116	0.198	W
M1	20200122	Sunny	Moderate	Mid-Flood	M	4.1	16:23	8.25	8.06	30.73	20.66	2.57	4	116	0.241	W
M1	20200122	Sunny	Moderate	Mid-Flood	S	1	16:24	7.98	8.16	30.65	20.81	2.36	3	116	0.176	W
M1	20200122	Sunny	Moderate	Mid-Flood	S	1	16:24	7.78	8.11	30.66	20.77	2.82	3	116	0.232	W
S1	20200122	Sunny	Moderate	Mid-Flood	B	4.6	15:06	8.29	8.27	30.53	20.95	3.22	7	116	0.213	NW
S1	20200122	Sunny	Moderate	Mid-Flood	B	4.6	15:06	8.16	8.2	30.22	20.95	3.36	6	116	0.21	NW
S1	20200122	Sunny	Moderate	Mid-Flood	S	1	15:07	8.25	8.08	30.73	20.94	2.71	5	116	0.185	W
S1	20200122	Sunny	Moderate	Mid-Flood	S	1	15:07	8.26	8.26	30.24	20.81	2.77	4	117	0.269	W
S2A	20200122	Sunny	Moderate	Mid-Flood	B	8.8	14:46	8.13	8.05	30.73	20.91	3.29	7	115	0.255	W
S2A	20200122	Sunny	Moderate	Mid-Flood	B	8.8	14:46	8.02	8.2	30.7	20.83	2.89	7	116	0.27	W
S2A	20200122	Sunny	Moderate	Mid-Flood	M	4.9	14:47	8.25	8.05	30.26	20.98	2.73	6	115	0.248	W
S2A	20200122	Sunny	Moderate	Mid-Flood	M	4.9	14:47	7.9	8.24	30.71	20.88	2.67	5	116	0.224	NW
S2A	20200122	Sunny	Moderate	Mid-Flood	S	1	14:48	8.11	8.13	30.67	20.88	2.44	6	115	0.174	W
S2A	20200122	Sunny	Moderate	Mid-Flood	S	1	14:48	7.76	8.23	30.94	21	2.75	5	115	0.278	NW
S3	20200122	Sunny	Moderate	Mid-Flood	B	8.6	15:22	7.86	8.19	30.36	20.93	3.56	5	115	0.194	NW
S3	20200122	Sunny	Moderate	Mid-Flood	B	8.6	15:22	7.96	8.18	30.69	20.91	3.14	4	115	0.204	W
S3	20200122	Sunny	Moderate	Mid-Flood	M	4.8	15:23	8.16	8.2	30.48	20.92	2.86	4	117	0.282	W
S3	20200122	Sunny	Moderate	Mid-Flood	M	4.8	15:23	8	8.13	30.57	20.8	3.03	4	116	0.266	W
S3	20200122	Sunny	Moderate	Mid-Flood	S	1	15:24	7.86	8.11	30.84	20.77	2.77	4	117	0.222	W
S3	20200122	Sunny	Moderate	Mid-Flood	S	1	15:24	8.18	8.21	30.37	20.87	2.63	4	116	0.191	W
B1	20200124	Sunny	Moderate	Mid-Flood	B	3.8	9:25	7.94	8.25	30.28	20.83	2.96	4	113	0.265	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	20200124	Sunny	Moderate	Mid-Flood	B	3.8	9:25	8.4	8.17	30.85	20.79	3.13	5	113	0.195	W
B1	20200124	Sunny	Moderate	Mid-Flood	S	1	9:26	8.11	8.16	30.34	20.91	2.73	3	115	0.249	W
B1	20200124	Sunny	Moderate	Mid-Flood	S	1	9:26	7.93	8.27	30.48	20.74	2.61	4	114	0.277	NW
B2	20200124	Sunny	Moderate	Mid-Flood	B	4	9:45	8.13	8.21	30.89	20.81	3.19	5	114	0.278	W
B2	20200124	Sunny	Moderate	Mid-Flood	B	4	9:45	8.27	8.06	30.48	20.77	3.1	4	114	0.259	NW
B2	20200124	Sunny	Moderate	Mid-Flood	S	1	9:46	7.9	8.06	30.76	20.95	2.56	4	113	0.274	W
B2	20200124	Sunny	Moderate	Mid-Flood	S	1	9:46	7.93	8.2	30.63	20.83	2.54	4	114	0.188	W
B3	20200124	Sunny	Moderate	Mid-Flood	B	3.6	8:55	7.95	8.08	30.9	20.7	3.47	3	112	0.188	W
B3	20200124	Sunny	Moderate	Mid-Flood	B	3.6	8:55	8.1	8.25	30.95	20.88	3.08	4	113	0.181	W
B3	20200124	Sunny	Moderate	Mid-Flood	S	1	8:56	8.02	8.17	30.81	20.73	2.98	3	113	0.274	W
B3	20200124	Sunny	Moderate	Mid-Flood	S	1	8:56	8.36	8.27	30.51	20.7	2.76	3	113	0.201	W
B4	20200124	Sunny	Moderate	Mid-Flood	B	4.3	8:47	8.19	8.22	30.5	20.69	3.5	5	115	0.219	W
B4	20200124	Sunny	Moderate	Mid-Flood	B	4.3	8:47	8.31	8.14	30.76	20.83	3.51	4	113	0.272	W
B4	20200124	Sunny	Moderate	Mid-Flood	S	1	8:48	8.17	8.22	30.32	20.88	2.9	5	114	0.236	NW
B4	20200124	Sunny	Moderate	Mid-Flood	S	1	8:48	8.15	8.09	30.85	20.87	2.5	4	113	0.245	W
C1A	20200124	Sunny	Moderate	Mid-Flood	B	9.5	9:55	8.48	8.11	30.45	20.86	3.08	6	113	0.228	NW
C1A	20200124	Sunny	Moderate	Mid-Flood	B	9.5	9:55	8.05	8.06	30.22	20.78	3.28	5	113	0.194	W
C1A	20200124	Sunny	Moderate	Mid-Flood	M	5.25	9:56	7.91	8.08	30.77	20.92	2.74	4	113	0.269	W
C1A	20200124	Sunny	Moderate	Mid-Flood	M	5.25	9:56	7.87	8.1	30.78	20.73	2.78	5	113	0.223	W
C1A	20200124	Sunny	Moderate	Mid-Flood	S	1	9:57	8	8.22	30.93	20.94	2.83	3	113	0.184	NW
C1A	20200124	Sunny	Moderate	Mid-Flood	S	1	9:57	8.2	8.12	30.5	20.83	2.48	4	113	0.218	W
C2A	20200124	Sunny	Moderate	Mid-Flood	B	10.7	8:00	7.97	8.21	30.73	20.85	3.18	2	113	0.257	NW
C2A	20200124	Sunny	Moderate	Mid-Flood	B	10.7	8:00	7.98	8.23	30.23	20.66	3.31	2	113	0.237	W
C2A	20200124	Sunny	Moderate	Mid-Flood	M	5.85	8:01	8.37	8.13	30.59	20.78	2.73	3	114	0.239	NW
C2A	20200124	Sunny	Moderate	Mid-Flood	M	5.85	8:01	8.15	8.18	30.72	20.8	3.06	2	114	0.183	NW
C2A	20200124	Sunny	Moderate	Mid-Flood	S	1	8:02	8.33	8.06	30.55	20.78	2.55	3	113	0.278	NW
C2A	20200124	Sunny	Moderate	Mid-Flood	S	1	8:02	7.99	8.26	30.5	20.66	2.81	3	114	0.168	W
CR1	20200124	Sunny	Moderate	Mid-Flood	B	11.2	8:25	8.4	8.22	30.41	20.78	3.01	3	114	0.229	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
CR1	20200124	Sunny	Moderate	Mid-Flood	B	11.2	8:25	8.01	8.11	30.89	20.84	3.1	3	114	0.221	NW
CR1	20200124	Sunny	Moderate	Mid-Flood	M	6.1	8:26	8.06	8.15	30.63	20.85	2.84	2	113	0.218	W
CR1	20200124	Sunny	Moderate	Mid-Flood	M	6.1	8:26	8.31	8.15	30.49	20.71	2.8	2	114	0.264	W
CR1	20200124	Sunny	Moderate	Mid-Flood	S	1	8:27	8.1	8.09	30.62	20.82	2.87	2	114	0.27	W
CR1	20200124	Sunny	Moderate	Mid-Flood	S	1	8:27	8.13	8.13	30.29	20.86	2.56	2	113	0.259	W
CR2	20200124	Sunny	Moderate	Mid-Flood	B	10.9	8:45	8.5	8.28	30.51	20.7	3.07	3	114	0.21	W
CR2	20200124	Sunny	Moderate	Mid-Flood	B	10.9	8:45	8.48	8.15	30.34	20.69	3.23	3	114	0.182	W
CR2	20200124	Sunny	Moderate	Mid-Flood	M	5.95	8:46	8.15	8.09	30.25	20.97	2.97	2	113	0.254	NW
CR2	20200124	Sunny	Moderate	Mid-Flood	M	5.95	8:46	7.91	8.07	30.4	20.74	2.99	2	114	0.271	W
CR2	20200124	Sunny	Moderate	Mid-Flood	S	1	8:47	8.5	8.16	30.58	20.76	2.47	3	113	0.257	W
CR2	20200124	Sunny	Moderate	Mid-Flood	S	1	8:47	7.88	8.2	30.68	20.92	2.83	2	114	0.273	W
F1A	20200124	Sunny	Moderate	Mid-Flood	B	6.7	8:25	8.38	8.2	30.46	20.67	3.3	6	115	0.183	NW
F1A	20200124	Sunny	Moderate	Mid-Flood	B	6.7	8:25	8.36	8.19	30.27	20.8	2.93	4	114	0.253	W
F1A	20200124	Sunny	Moderate	Mid-Flood	M	3.85	8:26	7.95	8.14	30.41	20.7	2.85	5	113	0.259	W
F1A	20200124	Sunny	Moderate	Mid-Flood	M	3.85	8:26	7.89	8.17	30.27	20.76	2.88	6	113	0.171	W
F1A	20200124	Sunny	Moderate	Mid-Flood	S	1	8:27	7.99	8.06	30.93	20.69	2.71	2	113	0.196	NW
F1A	20200124	Sunny	Moderate	Mid-Flood	S	1	8:27	8.44	8.19	30.25	20.73	2.63	2	114	0.273	W
H1	20200124	Sunny	Moderate	Mid-Flood	B	7.4	9:20	8.25	8.05	30.56	20.72	3.45	4	114	0.259	NW
H1	20200124	Sunny	Moderate	Mid-Flood	B	7.4	9:20	8.09	8.09	30.95	20.7	3.36	4	113	0.203	W
H1	20200124	Sunny	Moderate	Mid-Flood	M	4.2	9:21	8.02	8.15	30.72	20.82	2.67	4	113	0.271	W
H1	20200124	Sunny	Moderate	Mid-Flood	M	4.2	9:21	8.43	8.23	30.31	20.74	2.71	4	113	0.225	W
H1	20200124	Sunny	Moderate	Mid-Flood	S	1	9:22	8.04	8.05	30.39	20.87	2.85	3	113	0.172	NW
H1	20200124	Sunny	Moderate	Mid-Flood	S	1	9:22	8.46	8.22	30.7	20.85	2.83	4	113	0.231	NW
M1	20200124	Sunny	Moderate	Mid-Flood	B	7.2	8:04	8.51	8.19	30.5	20.71	2.9	4	113	0.228	W
M1	20200124	Sunny	Moderate	Mid-Flood	B	7.2	8:04	8.4	8.22	30.57	20.7	3.02	4	113	0.184	W
M1	20200124	Sunny	Moderate	Mid-Flood	M	4.1	8:05	8.46	8.15	30.36	20.89	2.76	3	114	0.192	W
M1	20200124	Sunny	Moderate	Mid-Flood	M	4.1	8:05	8.28	8.1	30.59	20.85	3.12	4	113	0.187	W
M1	20200124	Sunny	Moderate	Mid-Flood	S	1	8:06	8.08	8.2	30.39	20.66	2.75	3	114	0.223	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
M1	20200124	Sunny	Moderate	Mid-Flood	S	1	8:06	8.51	8.09	30.9	20.62	2.81	4	114	0.214	W
S1	20200124	Sunny	Moderate	Mid-Flood	B	4.2	9:35	7.85	8.25	30.83	20.87	2.89	3	113	0.227	W
S1	20200124	Sunny	Moderate	Mid-Flood	B	4.2	9:35	8.29	8.14	30.51	20.87	2.98	3	113	0.235	W
S1	20200124	Sunny	Moderate	Mid-Flood	S	1	9:36	7.89	8.29	30.43	20.84	2.76	2	113	0.213	W
S1	20200124	Sunny	Moderate	Mid-Flood	S	1	9:36	7.87	8.09	30.91	20.96	2.65	2	116	0.253	W
S2A	20200124	Sunny	Moderate	Mid-Flood	B	8.9	9:11	8.13	8.16	30.85	20.77	3.14	5	113	0.274	W
S2A	20200124	Sunny	Moderate	Mid-Flood	B	8.9	9:11	8.45	8.21	30.59	20.83	3.41	4	114	0.249	W
S2A	20200124	Sunny	Moderate	Mid-Flood	M	4.95	9:12	8.27	8.29	30.46	20.81	3.08	4	114	0.202	W
S2A	20200124	Sunny	Moderate	Mid-Flood	M	4.95	9:12	8.51	8.27	30.38	20.77	2.62	4	114	0.214	W
S2A	20200124	Sunny	Moderate	Mid-Flood	S	1	9:13	8.19	8.26	30.35	20.94	2.92	3	114	0.262	W
S2A	20200124	Sunny	Moderate	Mid-Flood	S	1	9:13	8.08	8.13	30.79	20.76	2.82	3	114	0.278	W
S3	20200124	Sunny	Moderate	Mid-Flood	B	8.8	8:59	8.2	8.1	30.27	20.74	3.08	3	114	0.242	NW
S3	20200124	Sunny	Moderate	Mid-Flood	B	8.8	8:59	7.86	8.12	30.77	20.87	3.05	4	113	0.234	W
S3	20200124	Sunny	Moderate	Mid-Flood	M	4.9	9:00	8.14	8.05	30.45	20.77	2.58	4	112	0.227	W
S3	20200124	Sunny	Moderate	Mid-Flood	M	4.9	9:00	7.86	8.17	30.44	20.93	2.99	3	113	0.17	W
S3	20200124	Sunny	Moderate	Mid-Flood	S	1	9:01	8.21	8.28	30.87	20.88	2.53	2	113	0.255	NW
S3	20200124	Sunny	Moderate	Mid-Flood	S	1	9:01	8.18	8.18	30.37	20.76	2.95	2	113	0.174	W
B1	20200124	Sunny	Moderate	Mid-Ebb	B	4.2	11:06	8.57	8.16	30.52	20.95	3.33	5	114	0.247	SE
B1	20200124	Sunny	Moderate	Mid-Ebb	B	4.2	11:06	8.57	8.26	30.41	20.9	3.22	5	115	0.238	SE
B1	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:07	8.06	8.29	30.45	21.08	2.68	8	114	0.238	E
B1	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:07	8.28	8.2	30.48	20.99	2.57	9	114	0.229	SE
B2	20200124	Sunny	Moderate	Mid-Ebb	B	4.5	11:26	8.14	8.19	30.75	20.95	2.91	6	114	0.252	E
B2	20200124	Sunny	Moderate	Mid-Ebb	B	4.5	11:26	7.92	8.11	30.9	21	3.25	5	115	0.156	E
B2	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:27	8.04	8.17	30.54	20.98	2.82	4	114	0.192	SE
B2	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:27	8.07	8.1	30.59	21.06	2.64	4	113	0.176	E
B3	20200124	Sunny	Moderate	Mid-Ebb	B	4.4	11:44	8.15	8.2	30.88	21.02	2.98	4	114	0.239	SE
B3	20200124	Sunny	Moderate	Mid-Ebb	B	4.4	11:44	8.34	8.04	30.56	20.98	3.23	5	114	0.216	SE
B3	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:45	8.04	8.04	30.48	21.05	2.43	4	114	0.204	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
B3	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:45	8.5	8.22	30.8	21.08	2.63	3	114	0.164	E
B4	20200124	Sunny	Moderate	Mid-Ebb	B	3.5	11:52	8.41	8.15	30.4	20.98	3.48	3	114	0.198	E
B4	20200124	Sunny	Moderate	Mid-Ebb	B	3.5	11:52	8.53	7.99	30.44	20.99	3.22	3	114	0.205	E
B4	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:53	8.28	8.25	30.76	20.92	2.68	5	113	0.245	SE
B4	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:53	8.2	8.08	30.33	21.02	2.87	4	114	0.223	E
C1A	20200124	Sunny	Moderate	Mid-Ebb	B	9.2	10:46	8.48	8.1	30.34	20.96	3.45	4	114	0.236	SE
C1A	20200124	Sunny	Moderate	Mid-Ebb	B	9.2	10:46	8.1	7.98	30.72	20.88	3.08	3	116	0.177	SE
C1A	20200124	Sunny	Moderate	Mid-Ebb	M	5.1	10:47	8.51	8.07	30.76	20.92	2.48	3	114	0.204	E
C1A	20200124	Sunny	Moderate	Mid-Ebb	M	5.1	10:47	8.38	8.12	30.34	21.03	2.82	4	114	0.246	SE
C1A	20200124	Sunny	Moderate	Mid-Ebb	S	1	10:48	8.2	8.27	30.82	20.85	2.51	4	114	0.203	E
C1A	20200124	Sunny	Moderate	Mid-Ebb	S	1	10:48	8.18	8.19	30.59	21.02	2.58	3	116	0.209	SE
C2A	20200124	Sunny	Moderate	Mid-Ebb	B	10.3	12:51	8.35	8.1	30.73	21.1	3.19	3	113	0.196	SE
C2A	20200124	Sunny	Moderate	Mid-Ebb	B	10.3	12:51	8.21	8.12	30.47	21.07	3.11	4	114	0.187	SE
C2A	20200124	Sunny	Moderate	Mid-Ebb	M	5.65	12:52	8.05	8.03	30.45	20.97	2.76	3	114	0.242	SE
C2A	20200124	Sunny	Moderate	Mid-Ebb	M	5.65	12:52	8.42	8.29	30.34	21.17	2.39	3	114	0.174	SE
C2A	20200124	Sunny	Moderate	Mid-Ebb	S	1	12:53	8.46	8.04	30.52	20.99	2.82	3	114	0.245	SE
C2A	20200124	Sunny	Moderate	Mid-Ebb	S	1	12:53	8.18	8.14	30.69	20.98	2.53	3	114	0.15	SE
CR1	20200124	Sunny	Moderate	Mid-Ebb	B	11.6	12:21	8.24	8.08	30.63	21.07	3.22	5	114	0.198	SE
CR1	20200124	Sunny	Moderate	Mid-Ebb	B	11.6	12:21	8.57	8.03	30.55	21.07	2.93	5	114	0.161	SE
CR1	20200124	Sunny	Moderate	Mid-Ebb	M	6.3	12:22	8.25	8.29	30.9	21.03	2.8	4	114	0.214	SE
CR1	20200124	Sunny	Moderate	Mid-Ebb	M	6.3	12:22	8.4	7.97	30.38	21.02	2.36	4	115	0.195	SE
CR1	20200124	Sunny	Moderate	Mid-Ebb	S	1	12:23	8.45	8.2	30.73	21.1	2.7	4	114	0.217	SE
CR1	20200124	Sunny	Moderate	Mid-Ebb	S	1	12:23	8.54	8.21	30.85	21.03	2.8	3	113	0.235	E
CR2	20200124	Sunny	Moderate	Mid-Ebb	B	10.7	11:49	8.38	8.24	30.58	20.95	3.32	4	113	0.196	E
CR2	20200124	Sunny	Moderate	Mid-Ebb	B	10.7	11:49	8.13	8.09	30.81	21.14	3.39	4	113	0.171	SE
CR2	20200124	Sunny	Moderate	Mid-Ebb	M	5.85	11:50	8.16	8.15	30.89	21.02	2.69	4	115	0.229	SE
CR2	20200124	Sunny	Moderate	Mid-Ebb	M	5.85	11:50	8	8.07	30.56	21.04	2.52	4	114	0.217	SE
CR2	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:51	8.04	8.1	30.68	20.93	2.54	4	114	0.194	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
CR2	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:51	8.52	8.07	30.44	21.01	2.37	4	115	0.241	SE
F1A	20200124	Sunny	Moderate	Mid-Ebb	B	7.8	12:13	8.16	7.99	30.32	20.96	2.87	4	114	0.188	SE
F1A	20200124	Sunny	Moderate	Mid-Ebb	B	7.8	12:13	8.17	8.16	30.48	21.03	3.29	4	114	0.213	SE
F1A	20200124	Sunny	Moderate	Mid-Ebb	M	4.4	12:14	8.52	8.05	30.81	21.11	2.56	3	114	0.215	E
F1A	20200124	Sunny	Moderate	Mid-Ebb	M	4.4	12:14	8.1	8.2	30.72	21.15	2.74	4	114	0.214	SE
F1A	20200124	Sunny	Moderate	Mid-Ebb	S	1	12:15	7.96	8.18	30.5	21.02	2.74	2	113	0.206	E
F1A	20200124	Sunny	Moderate	Mid-Ebb	S	1	12:15	8.33	8.24	30.44	20.97	2.84	3	113	0.193	SE
H1	20200124	Sunny	Moderate	Mid-Ebb	B	6.9	11:28	8.03	8.24	30.64	20.94	2.98	3	114	0.201	SE
H1	20200124	Sunny	Moderate	Mid-Ebb	B	6.9	11:28	8.47	8.06	30.47	21.04	3.16	3	113	0.16	SE
H1	20200124	Sunny	Moderate	Mid-Ebb	M	3.95	11:29	8.07	8.05	30.47	20.89	2.52	3	114	0.21	SE
H1	20200124	Sunny	Moderate	Mid-Ebb	M	3.95	11:29	8.17	8.28	30.87	21.07	2.66	3	114	0.169	E
H1	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:30	7.97	8.07	30.69	20.92	2.87	3	115	0.177	E
H1	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:30	8	8.12	30.35	21.06	2.6	3	114	0.174	SE
M1	20200124	Sunny	Moderate	Mid-Ebb	B	8.3	12:35	7.96	8.1	30.66	21.12	2.89	5	114	0.172	E
M1	20200124	Sunny	Moderate	Mid-Ebb	B	8.3	12:35	8.39	8.23	30.77	21.17	3.23	4	114	0.177	SE
M1	20200124	Sunny	Moderate	Mid-Ebb	M	4.65	12:36	8.1	8.26	30.72	21.17	2.43	4	115	0.165	SE
M1	20200124	Sunny	Moderate	Mid-Ebb	M	4.65	12:36	8.06	8.17	30.3	21.02	2.8	5	115	0.208	E
M1	20200124	Sunny	Moderate	Mid-Ebb	S	1	12:37	8.55	8.28	30.53	20.96	2.34	4	114	0.221	SE
M1	20200124	Sunny	Moderate	Mid-Ebb	S	1	12:37	8.43	8.11	30.85	20.99	2.63	4	114	0.222	SE
S1	20200124	Sunny	Moderate	Mid-Ebb	B	4.2	11:16	8.21	8.17	30.8	20.96	3.1	3	114	0.157	SE
S1	20200124	Sunny	Moderate	Mid-Ebb	B	4.2	11:16	8.27	8.01	30.47	20.89	2.89	2	115	0.153	SE
S1	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:17	8.2	8.1	30.82	20.93	2.9	4	113	0.163	SE
S1	20200124	Sunny	Moderate	Mid-Ebb	S	1	11:17	8.13	8.14	30.62	20.9	2.51	4	114	0.252	E
S2A	20200124	Sunny	Moderate	Mid-Ebb	B	8.3	10:52	8.03	8.27	30.38	20.91	3.33	4	114	0.24	SE
S2A	20200124	Sunny	Moderate	Mid-Ebb	B	8.3	10:52	8	8.03	30.36	20.97	3.31	4	114	0.163	SE
S2A	20200124	Sunny	Moderate	Mid-Ebb	M	4.65	10:53	8.51	8.05	30.63	20.98	2.91	3	115	0.248	SE
S2A	20200124	Sunny	Moderate	Mid-Ebb	M	4.65	10:53	8.07	8.06	30.46	21.02	2.68	4	114	0.181	SE
S2A	20200124	Sunny	Moderate	Mid-Ebb	S	1	10:54	8.23	8.17	30.57	20.87	2.53	3	114	0.202	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level 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	20200124	Sunny	Moderate	Mid-Ebb	S	1	10:54	7.93	8.01	30.36	20.92	2.89	4	114	0.193	SE
S3	20200124	Sunny	Moderate	Mid-Ebb	B	9.2	12:02	8.2	8.11	30.62	21.17	3.21	6	114	0.249	SE
S3	20200124	Sunny	Moderate	Mid-Ebb	B	9.2	12:02	8.59	8.08	30.47	21.17	3.03	6	114	0.233	E
S3	20200124	Sunny	Moderate	Mid-Ebb	M	5.1	12:03	8.43	8.07	30.33	21	2.69	4	114	0.238	SE
S3	20200124	Sunny	Moderate	Mid-Ebb	M	5.1	12:03	8.05	8.1	30.43	21.14	2.68	4	115	0.218	SE
S3	20200124	Sunny	Moderate	Mid-Ebb	S	1	12:04	8.5	8.27	30.6	20.97	2.61	3	114	0.161	SE
S3	20200124	Sunny	Moderate	Mid-Ebb	S	1	12:04	8.17	8.13	30.76	21.03	2.71	4	114	0.181	E
B1	20200129	Sunny	Moderate	Mid-Flood	B	4.1	10:58	8.49	8.27	30.94	21.15	2.99	9	115	0.221	W
B1	20200129	Sunny	Moderate	Mid-Flood	B	4.1	10:58	8.15	8.1	30.81	21.11	3.01	10	115	0.271	NW
B1	20200129	Sunny	Moderate	Mid-Flood	S	1	10:59	8.13	8.07	30.41	21.17	2.61	9	114	0.203	W
B1	20200129	Sunny	Moderate	Mid-Flood	S	1	10:59	8.81	8.09	30.54	21.14	2.63	8	115	0.27	W
B2	20200129	Sunny	Moderate	Mid-Flood	B	3.9	11:47	8.51	8.29	30.25	21.14	3.14	11	114	0.239	W
B2	20200129	Sunny	Moderate	Mid-Flood	B	3.9	11:47	8.72	8.22	30.26	21.12	3.28	12	115	0.221	W
B2	20200129	Sunny	Moderate	Mid-Flood	S	1	11:48	8.62	8.05	30.56	21.12	2.72	9	114	0.264	NW
B2	20200129	Sunny	Moderate	Mid-Flood	S	1	11:48	8.6	8.15	30.26	21.19	2.79	10	114	0.194	W
B3	20200129	Sunny	Moderate	Mid-Flood	B	3.3	10:33	8.84	8.2	30.71	21.17	3.39	13	115	0.213	NW
B3	20200129	Sunny	Moderate	Mid-Flood	B	3.3	10:33	8.69	8.17	30.78	21.15	3.74	12	114	0.226	W
B3	20200129	Sunny	Moderate	Mid-Flood	S	1	10:34	8.24	8.09	30.52	21.18	2.79	9	115	0.251	W
B3	20200129	Sunny	Moderate	Mid-Flood	S	1	10:34	8.19	8.11	30.74	21.1	2.8	10	114	0.234	NW
B4	20200129	Sunny	Moderate	Mid-Flood	B	4.3	10:25	8.16	8.25	30.47	21.2	3.43	9	115	0.195	W
B4	20200129	Sunny	Moderate	Mid-Flood	B	4.3	10:25	8.65	8.25	30.35	21.19	3.68	8	115	0.208	W
B4	20200129	Sunny	Moderate	Mid-Flood	S	1	10:26	8.51	8.09	30.4	21.2	3.05	9	115	0.205	W
B4	20200129	Sunny	Moderate	Mid-Flood	S	1	10:26	8.87	8.09	30.92	21.13	2.76	9	114	0.251	W
C1A	20200129	Sunny	Moderate	Mid-Flood	B	10.5	9:39	8.53	8.17	30.38	21.18	3.2	10	115	0.276	W
C1A	20200129	Sunny	Moderate	Mid-Flood	B	10.5	9:39	8.62	8.14	30.48	21.11	3.44	10	115	0.256	W
C1A	20200129	Sunny	Moderate	Mid-Flood	M	5.75	9:40	8.09	8.26	30.46	21.17	3.04	11	115	0.27	NW
C1A	20200129	Sunny	Moderate	Mid-Flood	M	5.75	9:40	8.05	8.18	30.26	21.18	2.78	11	114	0.198	W
C1A	20200129	Sunny	Moderate	Mid-Flood	S	1	9:41	8.75	8.08	30.49	21.14	2.75	10	114	0.251	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
C1A	20200129	Sunny	Moderate	Mid-Flood	S	1	9:41	8.78	8.16	30.57	21.12	2.78	10	115	0.169	W
C2A	20200129	Sunny	Moderate	Mid-Flood	B	10.9	8:18	8.37	8.08	30.2	21.17	2.99	12	114	0.218	W
C2A	20200129	Sunny	Moderate	Mid-Flood	B	10.9	8:18	8.49	8.1	30.6	21.12	3.3	12	114	0.248	W
C2A	20200129	Sunny	Moderate	Mid-Flood	M	5.95	8:19	8.71	8.31	30.28	21.15	3.19	10	115	0.2	W
C2A	20200129	Sunny	Moderate	Mid-Flood	M	5.95	8:19	8.16	8.18	30.56	21.12	2.67	11	115	0.237	W
C2A	20200129	Sunny	Moderate	Mid-Flood	S	1	8:20	8.72	8.19	30.48	21.12	2.65	10	114	0.207	W
C2A	20200129	Sunny	Moderate	Mid-Flood	S	1	8:20	8.51	8.17	30.23	21.12	3.04	10	115	0.26	W
F1A	20200129	Sunny	Moderate	Mid-Flood	B	6.9	10:04	8.86	8.06	30.24	21.18	3.07	11	115	0.184	W
F1A	20200129	Sunny	Moderate	Mid-Flood	B	6.9	10:04	8.15	8.19	30.38	21.13	3.57	12	115	0.237	W
F1A	20200129	Sunny	Moderate	Mid-Flood	M	3.95	10:05	8.8	8.09	30.6	21.19	2.81	10	114	0.267	NW
F1A	20200129	Sunny	Moderate	Mid-Flood	M	3.95	10:05	8.42	8.05	30.93	21.16	3.05	12	115	0.256	W
F1A	20200129	Sunny	Moderate	Mid-Flood	S	1	10:06	8.62	8.08	30.38	21.16	2.98	12	114	0.221	NW
F1A	20200129	Sunny	Moderate	Mid-Flood	S	1	10:06	8.29	8.16	30.76	21.18	2.88	13	115	0.185	W
H1	20200129	Sunny	Moderate	Mid-Flood	B	6.8	10:14	8.9	8.21	30.31	21.12	3.37	8	115	0.204	W
H1	20200129	Sunny	Moderate	Mid-Flood	B	6.8	10:14	8.25	8.23	30.25	21.2	3.53	9	115	0.179	W
H1	20200129	Sunny	Moderate	Mid-Flood	M	3.9	10:15	8.1	8.13	30.87	21.12	3.02	10	116	0.271	W
H1	20200129	Sunny	Moderate	Mid-Flood	M	3.9	10:15	8.13	8.11	30.24	21.1	2.68	9	115	0.197	NW
H1	20200129	Sunny	Moderate	Mid-Flood	S	1	10:16	8.85	8.19	30.53	21.11	2.99	12	115	0.21	W
H1	20200129	Sunny	Moderate	Mid-Flood	S	1	10:16	8.57	8.06	30.83	21.12	2.98	11	115	0.19	W
M1	20200129	Sunny	Moderate	Mid-Flood	B	6.8	9:44	8.68	8.06	30.71	21.19	3.37	9	115	0.186	W
M1	20200129	Sunny	Moderate	Mid-Flood	B	6.8	9:44	8.27	8.28	30.41	21.19	2.99	8	116	0.227	NW
M1	20200129	Sunny	Moderate	Mid-Flood	M	3.9	9:45	8.74	8.12	30.64	21.11	2.73	9	115	0.248	W
M1	20200129	Sunny	Moderate	Mid-Flood	M	3.9	9:45	8.6	8.05	30.68	21.18	2.94	8	114	0.199	W
M1	20200129	Sunny	Moderate	Mid-Flood	S	1	9:46	8.71	8.11	30.29	21.1	2.62	11	115	0.194	W
M1	20200129	Sunny	Moderate	Mid-Flood	S	1	9:46	8.67	8.2	30.56	21.15	2.56	10	114	0.237	W
CR1	20200129	Sunny	Moderate	Mid-Flood	B	11	8:45	8.25	8.14	30.32	21.19	3.19	10	115	0.273	W
CR1	20200129	Sunny	Moderate	Mid-Flood	B	11	8:45	8.88	8.11	30.27	21.17	3.06	11	116	0.216	W
CR1	20200129	Sunny	Moderate	Mid-Flood	M	6	8:46	8.82	8.06	30.7	21.11	3.08	12	114	0.191	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
CR1	20200129	Sunny	Moderate	Mid-Flood	M	6	8:46	8.82	8.1	30.45	21.16	3.06	12	115	0.185	W
CR1	20200129	Sunny	Moderate	Mid-Flood	S	1	8:47	8.36	8.05	30.68	21.1	2.68	13	114	0.239	W
CR1	20200129	Sunny	Moderate	Mid-Flood	S	1	8:47	8.63	8.21	30.95	21.2	2.65	12	115	0.228	W
CR2	20200129	Sunny	Moderate	Mid-Flood	B	10.9	9:03	8.17	8.08	30.83	21.13	3.37	9	115	0.201	W
CR2	20200129	Sunny	Moderate	Mid-Flood	B	10.9	9:03	8.14	8.1	30.67	21.1	3.27	8	114	0.196	NW
CR2	20200129	Sunny	Moderate	Mid-Flood	M	5.95	9:04	8.88	8.11	30.48	21.16	2.85	10	114	0.214	W
CR2	20200129	Sunny	Moderate	Mid-Flood	M	5.95	9:04	8.72	8.15	30.54	21.15	2.65	9	114	0.273	W
CR2	20200129	Sunny	Moderate	Mid-Flood	S	1	9:05	8.36	8.21	30.8	21.14	2.69	10	113	0.181	W
CR2	20200129	Sunny	Moderate	Mid-Flood	S	1	9:05	8.25	8.22	30.48	21.12	2.91	9	114	0.181	W
S1	20200129	Sunny	Moderate	Mid-Flood	B	4.1	11:07	8.8	8.17	30.38	21.13	3.16	10	115	0.248	W
S1	20200129	Sunny	Moderate	Mid-Flood	B	4.1	11:07	8.75	8.28	30.93	21.14	3.44	11	114	0.246	W
S1	20200129	Sunny	Moderate	Mid-Flood	S	1	11:08	8.22	8.09	30.8	21.19	2.92	8	115	0.234	W
S1	20200129	Sunny	Moderate	Mid-Flood	S	1	11:08	8.71	8.1	30.69	21.13	2.61	9	115	0.276	W
S2A	20200129	Sunny	Moderate	Mid-Flood	B	8.4	10:47	8.46	8.08	30.38	21.2	3.45	8	114	0.251	W
S2A	20200129	Sunny	Moderate	Mid-Flood	B	8.4	10:47	8.41	8.24	30.42	21.11	3.49	9	115	0.258	NW
S2A	20200129	Sunny	Moderate	Mid-Flood	M	4.7	10:48	8.74	8.28	30.29	21.1	3.06	10	114	0.277	W
S2A	20200129	Sunny	Moderate	Mid-Flood	M	4.7	10:48	8.89	8.12	30.37	21.14	2.89	10	115	0.232	W
S2A	20200129	Sunny	Moderate	Mid-Flood	S	1	10:49	8.54	8.12	30.91	21.13	2.88	12	115	0.251	W
S2A	20200129	Sunny	Moderate	Mid-Flood	S	1	10:49	8.19	8.2	30.54	21.1	2.49	13	114	0.188	W
S3	20200129	Sunny	Moderate	Mid-Flood	B	8.7	9:15	8.73	8.3	30.85	21.1	3.28	12	115	0.177	W
S3	20200129	Sunny	Moderate	Mid-Flood	B	8.7	9:15	8.15	8.1	30.58	21.13	3.4	13	114	0.247	W
S3	20200129	Sunny	Moderate	Mid-Flood	M	4.85	9:16	8.78	8.19	30.3	21.13	2.74	10	114	0.199	W
S3	20200129	Sunny	Moderate	Mid-Flood	M	4.85	9:16	8.34	8.25	30.43	21.17	2.71	10	115	0.241	NW
S3	20200129	Sunny	Moderate	Mid-Flood	S	1	9:17	8.53	8.19	30.87	21.1	2.73	9	114	0.18	W
S3	20200129	Sunny	Moderate	Mid-Flood	S	1	9:17	8.13	8.3	30.6	21.18	2.78	8	115	0.216	W
B1	20200129	Sunny	Moderate	Mid-Ebb	B	3.5	14:15	8.34	8.08	30.69	21.12	3.07	6	114	0.237	E
B1	20200129	Sunny	Moderate	Mid-Ebb	B	3.5	14:15	8.72	8.03	30.69	21.18	3.53	7	114	0.238	SE
B1	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:16	8.02	8.12	30.77	21.24	2.96	9	114	0.25	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level 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	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:16	8.46	7.96	30.68	21.19	2.55	8	114	0.188	SE
B2	20200129	Sunny	Moderate	Mid-Ebb	B	4	13:53	8.08	8.13	30.69	21.24	3.51	10	114	0.138	SE
B2	20200129	Sunny	Moderate	Mid-Ebb	B	4	13:53	8.66	8.31	30.89	21.15	3.62	8	115	0.117	SE
B2	20200129	Sunny	Moderate	Mid-Ebb	S	1	13:54	8.85	8.14	30.75	21.12	2.7	7	114	0.208	SE
B2	20200129	Sunny	Moderate	Mid-Ebb	S	1	13:54	8.58	7.96	30.73	21.21	2.66	7	114	0.187	E
B3	20200129	Sunny	Moderate	Mid-Ebb	B	4.5	14:44	8.37	8.11	30.92	21.24	3.69	10	114	0.147	E
B3	20200129	Sunny	Moderate	Mid-Ebb	B	4.5	14:44	8	8.27	30.71	21.14	3.28	8	114	0.227	SE
B3	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:45	8.37	8.16	30.8	21.11	2.97	10	114	0.126	SE
B3	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:45	8.64	8.25	31	21.21	2.79	11	114	0.238	SE
B4	20200129	Sunny	Moderate	Mid-Ebb	B	3.1	14:54	8.48	8.14	31.01	21.28	3.67	8	115	0.238	SE
B4	20200129	Sunny	Moderate	Mid-Ebb	B	3.1	14:54	8.23	8.29	30.76	21.18	3.26	8	114	0.248	E
B4	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:55	8.78	8.26	31.03	21.15	2.65	8	114	0.195	SE
B4	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:55	8.01	8.16	30.6	21.28	2.98	7	114	0.189	E
C1A	20200129	Sunny	Moderate	Mid-Ebb	B	8.7	13:43	7.99	8.15	30.73	21.3	3.35	9	115	0.203	SE
C1A	20200129	Sunny	Moderate	Mid-Ebb	B	8.7	13:43	8.03	7.99	31.02	21.22	3.03	10	114	0.199	E
C1A	20200129	Sunny	Moderate	Mid-Ebb	M	4.85	13:44	8.87	7.97	30.6	21.14	2.56	9	114	0.222	SE
C1A	20200129	Sunny	Moderate	Mid-Ebb	M	4.85	13:44	8.73	7.98	30.89	21.22	2.96	10	114	0.147	SE
C1A	20200129	Sunny	Moderate	Mid-Ebb	S	1	13:45	8.38	8.31	30.62	21.16	2.85	8	114	0.126	E
C1A	20200129	Sunny	Moderate	Mid-Ebb	S	1	13:45	8.75	8.33	31.06	21.21	2.75	8	114	0.155	SE
C2A	20200129	Sunny	Moderate	Mid-Ebb	B	11.5	15:30	8.89	8.2	30.82	21.19	3.1	10	115	0.243	SE
C2A	20200129	Sunny	Moderate	Mid-Ebb	B	11.5	15:30	8.74	8.23	30.68	21.2	3.08	9	114	0.149	E
C2A	20200129	Sunny	Moderate	Mid-Ebb	M	6.25	15:31	8.47	8.2	30.84	21.17	2.59	10	114	0.252	E
C2A	20200129	Sunny	Moderate	Mid-Ebb	M	6.25	15:31	8.42	8.07	30.66	21.1	2.89	9	114	0.131	SE
C2A	20200129	Sunny	Moderate	Mid-Ebb	S	1	15:32	8.51	7.97	30.7	21.22	2.71	11	115	0.152	SE
C2A	20200129	Sunny	Moderate	Mid-Ebb	S	1	15:32	8	8.13	30.87	21.18	2.65	10	115	0.187	SE
F1A	20200129	Sunny	Moderate	Mid-Ebb	B	6.9	15:17	8.37	7.96	30.8	21.18	3.28	10	114	0.204	SE
F1A	20200129	Sunny	Moderate	Mid-Ebb	B	6.9	15:17	8.69	8.13	31.09	21.18	3.18	11	113	0.162	SE
F1A	20200129	Sunny	Moderate	Mid-Ebb	M	3.95	15:18	8.42	8.29	30.82	21.15	2.97	9	114	0.245	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level 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	20200129	Sunny	Moderate	Mid-Ebb	M	3.95	15:18	8.65	8.11	30.64	21.17	2.69	10	114	0.236	SE
F1A	20200129	Sunny	Moderate	Mid-Ebb	S	1	15:19	8.44	8.31	30.7	21.23	2.89	9	114	0.215	SE
F1A	20200129	Sunny	Moderate	Mid-Ebb	S	1	15:19	8.13	8.02	30.76	21.24	2.83	10	115	0.143	SE
H1	20200129	Sunny	Moderate	Mid-Ebb	B	8	14:16	8.16	8.08	30.8	21.17	3.62	8	114	0.173	SE
H1	20200129	Sunny	Moderate	Mid-Ebb	B	8	14:16	8.88	8.05	31.1	21.29	3.33	10	114	0.175	E
H1	20200129	Sunny	Moderate	Mid-Ebb	M	4.5	14:17	8.18	8.04	30.97	21.3	2.71	9	114	0.239	SE
H1	20200129	Sunny	Moderate	Mid-Ebb	M	4.5	14:17	8.02	8.31	31	21.27	2.61	10	114	0.193	E
H1	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:18	8.76	8.12	31	21.11	2.94	11	114	0.143	SE
H1	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:18	8.79	8.13	30.97	21.21	2.59	12	114	0.202	E
M1	20200129	Sunny	Moderate	Mid-Ebb	B	8	15:39	8.55	7.99	30.89	21.2	3.06	10	114	0.209	E
M1	20200129	Sunny	Moderate	Mid-Ebb	B	8	15:39	8.26	8.2	30.92	21.18	3.38	10	114	0.211	SE
M1	20200129	Sunny	Moderate	Mid-Ebb	M	4.5	15:40	8.73	8.34	30.6	21.3	2.78	9	114	0.205	SE
M1	20200129	Sunny	Moderate	Mid-Ebb	M	4.5	15:40	8.16	8.22	30.81	21.1	2.85	10	114	0.18	E
M1	20200129	Sunny	Moderate	Mid-Ebb	S	1	15:41	8.89	8.15	31.06	21.14	3.06	11	113	0.191	SE
M1	20200129	Sunny	Moderate	Mid-Ebb	S	1	15:41	8.15	7.99	30.73	21.28	2.71	10	113	0.14	E
CR1	20200129	Sunny	Moderate	Mid-Ebb	B	11.5	15:03	8.05	8.28	30.99	21.18	3.55	9	114	0.226	E
CR1	20200129	Sunny	Moderate	Mid-Ebb	B	11.5	15:03	8.21	8.32	31.07	21.16	3.52	10	115	0.184	E
CR1	20200129	Sunny	Moderate	Mid-Ebb	M	6.25	15:04	8.21	8.34	30.75	21.15	3.03	8	114	0.193	SE
CR1	20200129	Sunny	Moderate	Mid-Ebb	M	6.25	15:04	8.65	8	30.62	21.1	3.1	9	114	0.139	E
CR1	20200129	Sunny	Moderate	Mid-Ebb	S	1	15:05	8.2	8.21	30.73	21.29	2.72	9	114	0.168	SE
CR1	20200129	Sunny	Moderate	Mid-Ebb	S	1	15:05	8.79	8.33	30.95	21.1	2.59	9	114	0.217	E
CR2	20200129	Sunny	Moderate	Mid-Ebb	B	9.9	14:35	8.74	8.34	30.67	21.17	3.61	7	114	0.217	SE
CR2	20200129	Sunny	Moderate	Mid-Ebb	B	9.9	14:35	8.56	8.03	30.73	21.29	3.08	7	114	0.252	SE
CR2	20200129	Sunny	Moderate	Mid-Ebb	M	5.45	14:36	8.48	8	30.84	21.3	2.81	9	113	0.221	E
CR2	20200129	Sunny	Moderate	Mid-Ebb	M	5.45	14:36	8.09	8.3	30.62	21.29	2.8	10	114	0.174	SE
CR2	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:37	8.69	8.19	31.01	21.22	2.94	10	114	0.246	E
CR2	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:37	8.22	8.13	30.7	21.22	2.84	9	114	0.139	SE
S1	20200129	Sunny	Moderate	Mid-Ebb	B	4.4	14:03	8.83	8.25	30.62	21.2	3.48	12	114	0.23	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level 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	20200129	Sunny	Moderate	Mid-Ebb	B	4.4	14:03	8.29	7.97	31.04	21.18	3.6	13	114	0.142	E
S1	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:04	8.25	8.02	30.79	21.11	2.55	16	114	0.206	E
S1	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:04	8.47	8.1	30.97	21.25	2.79	15	114	0.193	SE
S2A	20200129	Sunny	Moderate	Mid-Ebb	B	8.5	14:29	8.51	7.98	30.87	21.21	3.41	11	114	0.247	SE
S2A	20200129	Sunny	Moderate	Mid-Ebb	B	8.5	14:29	8.37	7.98	30.95	21.21	3.12	10	114	0.209	E
S2A	20200129	Sunny	Moderate	Mid-Ebb	M	4.75	14:30	8.65	8.09	30.82	21.19	2.69	10	114	0.189	E
S2A	20200129	Sunny	Moderate	Mid-Ebb	M	4.75	14:30	8.64	8.19	30.95	21.22	2.69	11	115	0.132	E
S2A	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:31	8.85	8.06	30.89	21.23	2.74	13	115	0.247	E
S2A	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:31	8.77	8.11	31.1	21.28	2.92	13	114	0.183	E
S3	20200129	Sunny	Moderate	Mid-Ebb	B	9.2	14:47	8.33	7.97	30.89	21.17	3.14	10	114	0.236	E
S3	20200129	Sunny	Moderate	Mid-Ebb	B	9.2	14:47	8.49	8.04	30.6	21.17	3.52	10	113	0.183	SE
S3	20200129	Sunny	Moderate	Mid-Ebb	M	5.1	14:48	8.36	8.19	30.7	21.18	2.77	10	113	0.142	E
S3	20200129	Sunny	Moderate	Mid-Ebb	M	5.1	14:48	8.01	8.3	30.66	21.3	2.83	9	113	0.118	E
S3	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:49	8.35	7.97	30.97	21.17	2.83	10	115	0.116	SE
S3	20200129	Sunny	Moderate	Mid-Ebb	S	1	14:49	8.25	8.09	31.1	21.25	2.78	11	114	0.242	SE
B1	20200131	Sunny	Moderate	Mid-Flood	B	4.3	11:22	8.86	8.06	31.78	20.45	4.03	<2	114	0.197	W
B1	20200131	Sunny	Moderate	Mid-Flood	B	4.3	11:22	9.17	8.17	31.6	20.45	3.67	2	114	0.178	W
B1	20200131	Sunny	Moderate	Mid-Flood	S	1	11:23	9.09	8.07	31.78	20.39	3.6	2	114	0.221	W
B1	20200131	Sunny	Moderate	Mid-Flood	S	1	11:23	9.35	8.21	32.11	20.43	3.42	3	113	0.262	W
B2	20200131	Sunny	Moderate	Mid-Flood	B	3.5	11:40	9.37	8.22	32.01	20.28	4.21	<2	113	0.212	W
B2	20200131	Sunny	Moderate	Mid-Flood	B	3.5	11:40	9.43	8.09	32.31	20.32	3.94	3	112	0.201	NW
B2	20200131	Sunny	Moderate	Mid-Flood	S	1	11:41	9.24	8.23	32.25	20.41	3.33	<2	114	0.177	NW
B2	20200131	Sunny	Moderate	Mid-Flood	S	1	11:41	9.43	8.12	31.94	20.3	3.63	2	114	0.281	W
B3	20200131	Sunny	Moderate	Mid-Flood	B	4.2	10:56	9.46	8.21	32.09	20.29	3.87	2	114	0.213	W
B3	20200131	Sunny	Moderate	Mid-Flood	B	4.2	10:56	9.49	8.15	31.6	20.3	4.35	<2	114	0.188	W
B3	20200131	Sunny	Moderate	Mid-Flood	S	1	10:57	9.5	8.11	31.79	20.39	3.3	2	114	0.214	W
B3	20200131	Sunny	Moderate	Mid-Flood	S	1	10:57	9.22	8.08	32.17	20.4	3.61	3	114	0.192	W
B4	20200131	Sunny	Moderate	Mid-Flood	B	4.4	10:48	9	8.13	32.35	20.32	4.34	<2	114	0.276	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
B4	20200131	Sunny	Moderate	Mid-Flood	B	4.4	10:48	9.06	8.16	31.5	20.32	3.95	<2	115	0.202	W
B4	20200131	Sunny	Moderate	Mid-Flood	S	1	10:49	9.44	8.14	32.09	20.32	3.24	4	114	0.199	W
B4	20200131	Sunny	Moderate	Mid-Flood	S	1	10:49	9.42	8.05	31.53	20.42	3.19	3	113	0.228	W
C1A	20200131	Sunny	Moderate	Mid-Flood	B	9.1	10:20	9.44	8.23	31.72	20.29	4.17	3	114	0.25	W
C1A	20200131	Sunny	Moderate	Mid-Flood	B	9.1	10:20	9.37	8.14	31.56	20.31	3.89	3	114	0.181	W
C1A	20200131	Sunny	Moderate	Mid-Flood	M	5.05	10:21	9.16	8.13	32.32	20.28	3.37	2	114	0.198	W
C1A	20200131	Sunny	Moderate	Mid-Flood	M	5.05	10:21	9.49	8.05	31.89	20.22	3.36	3	114	0.279	NW
C1A	20200131	Sunny	Moderate	Mid-Flood	S	1	10:22	9.09	8.05	31.58	20.35	3.43	3	114	0.281	NW
C1A	20200131	Sunny	Moderate	Mid-Flood	S	1	10:22	9.2	8.21	32.13	20.22	3.66	3	114	0.276	W
C2A	20200131	Sunny	Moderate	Mid-Flood	B	10.4	9:03	8.93	8.09	32.35	20.24	4.03	5	114	0.183	W
C2A	20200131	Sunny	Moderate	Mid-Flood	B	10.4	9:03	8.95	8.07	31.9	20.18	4.13	4	115	0.277	NW
C2A	20200131	Sunny	Moderate	Mid-Flood	M	5.7	9:04	9.5	8.18	32.3	20.29	3.89	4	114	0.178	NW
C2A	20200131	Sunny	Moderate	Mid-Flood	M	5.7	9:04	9.03	8.16	31.7	20.28	3.48	5	113	0.195	W
C2A	20200131	Sunny	Moderate	Mid-Flood	S	1	9:05	8.99	8.18	31.65	20.17	3.17	3	114	0.211	W
C2A	20200131	Sunny	Moderate	Mid-Flood	S	1	9:05	9.32	8.15	31.52	20.15	3.41	3	115	0.275	W
CR1	20200131	Sunny	Moderate	Mid-Flood	B	11.3	9:26	9.31	8.16	32.29	20.27	4.14	4	115	0.19	NW
CR1	20200131	Sunny	Moderate	Mid-Flood	B	11.3	9:26	9.12	8.05	32.32	20.22	3.9	5	114	0.196	W
CR1	20200131	Sunny	Moderate	Mid-Flood	M	6.15	9:27	9.08	8.13	31.79	20.14	3.87	5	114	0.179	W
CR1	20200131	Sunny	Moderate	Mid-Flood	M	6.15	9:27	8.97	8.12	31.65	20.17	3.5	4	115	0.213	W
CR1	20200131	Sunny	Moderate	Mid-Flood	S	1	9:28	9.46	8.21	32.29	20.18	3.69	4	114	0.224	W
CR1	20200131	Sunny	Moderate	Mid-Flood	S	1	9:28	8.93	8.15	32.2	20.1	3.67	4	114	0.207	W
CR2	20200131	Sunny	Moderate	Mid-Flood	B	10	9:45	9.21	8.17	31.72	20.28	4	2	114	0.206	NW
CR2	20200131	Sunny	Moderate	Mid-Flood	B	10	9:45	9.15	8.09	31.62	20.19	4.2	2	114	0.182	W
CR2	20200131	Sunny	Moderate	Mid-Flood	M	5.5	9:46	9.18	8.17	31.73	20.22	3.61	4	115	0.251	W
CR2	20200131	Sunny	Moderate	Mid-Flood	M	5.5	9:46	9.24	8.2	32.02	20.22	3.77	3	115	0.195	W
CR2	20200131	Sunny	Moderate	Mid-Flood	S	1	9:47	9.02	8.16	31.77	20.28	3.18	4	114	0.273	W
CR2	20200131	Sunny	Moderate	Mid-Flood	S	1	9:47	9.49	8.09	32.28	20.25	3.15	4	114	0.239	W
F1A	20200131	Sunny	Moderate	Mid-Flood	B	6.8	10:25	8.93	8.15	32	20.26	3.72	3	114	0.227	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
F1A	20200131	Sunny	Moderate	Mid-Flood	B	6.8	10:25	8.97	8.17	32.16	20.31	4.11	4	114	0.206	W
F1A	20200131	Sunny	Moderate	Mid-Flood	M	3.9	10:26	9.39	8.23	31.61	20.24	3.4	3	114	0.27	W
F1A	20200131	Sunny	Moderate	Mid-Flood	M	3.9	10:26	9.17	8.07	31.74	20.32	3.49	3	114	0.179	W
F1A	20200131	Sunny	Moderate	Mid-Flood	S	1	10:27	9.32	8.21	31.91	20.23	3.23	3	114	0.266	W
F1A	20200131	Sunny	Moderate	Mid-Flood	S	1	10:27	9.28	8.19	32.12	20.27	3.54	3	114	0.172	NW
H1	20200131	Sunny	Moderate	Mid-Flood	B	7.3	10:54	9.45	8.15	31.67	20.39	3.65	2	114	0.262	W
H1	20200131	Sunny	Moderate	Mid-Flood	B	7.3	10:54	9.51	8.18	31.88	20.38	4.13	2	113	0.214	W
H1	20200131	Sunny	Moderate	Mid-Flood	M	4.15	10:55	9.12	8.15	32.08	20.25	3.88	3	113	0.259	W
H1	20200131	Sunny	Moderate	Mid-Flood	M	4.15	10:55	9.4	8.15	31.83	20.32	3.41	<2	113	0.224	W
H1	20200131	Sunny	Moderate	Mid-Flood	S	1	10:56	9.32	8.09	31.6	20.31	3.69	2	114	0.231	W
H1	20200131	Sunny	Moderate	Mid-Flood	S	1	10:56	8.86	8.21	31.78	20.39	3.31	2	114	0.258	NW
M1	20200131	Sunny	Moderate	Mid-Flood	B	6.8	10:02	8.99	8.2	31.51	20.26	4.11	3	115	0.235	W
M1	20200131	Sunny	Moderate	Mid-Flood	B	6.8	10:02	9.26	8.05	32	20.38	3.96	3	114	0.176	W
M1	20200131	Sunny	Moderate	Mid-Flood	M	3.9	10:03	9.33	8.18	31.75	20.24	3.65	3	114	0.236	W
M1	20200131	Sunny	Moderate	Mid-Flood	M	3.9	10:03	9.22	8.22	31.52	20.34	3.8	3	115	0.172	W
M1	20200131	Sunny	Moderate	Mid-Flood	S	1	10:04	9.13	8.19	31.66	20.25	3.52	2	114	0.219	W
M1	20200131	Sunny	Moderate	Mid-Flood	S	1	10:04	9.44	8.12	32.31	20.36	3.31	3	114	0.187	W
S1	20200131	Sunny	Moderate	Mid-Flood	B	4.5	11:31	9.47	8.06	32.04	20.44	4.03	3	115	0.226	W
S1	20200131	Sunny	Moderate	Mid-Flood	B	4.5	11:31	9.44	8.15	31.55	20.38	3.8	4	114	0.199	W
S1	20200131	Sunny	Moderate	Mid-Flood	S	1	11:32	8.95	8.18	31.57	20.39	3.13	4	114	0.224	W
S1	20200131	Sunny	Moderate	Mid-Flood	S	1	11:32	9.49	8.15	31.72	20.32	3.66	4	114	0.175	W
S2A	20200131	Sunny	Moderate	Mid-Flood	B	8.4	11:09	9.47	8.17	32.19	20.41	3.71	5	114	0.201	W
S2A	20200131	Sunny	Moderate	Mid-Flood	B	8.4	11:09	8.95	8.08	31.57	20.28	4.03	5	114	0.259	W
S2A	20200131	Sunny	Moderate	Mid-Flood	M	4.7	11:10	8.9	8.22	31.97	20.33	3.46	5	114	0.227	W
S2A	20200131	Sunny	Moderate	Mid-Flood	M	4.7	11:10	8.88	8.17	31.72	20.42	3.66	6	114	0.243	W
S2A	20200131	Sunny	Moderate	Mid-Flood	S	1	11:11	8.96	8.05	31.58	20.28	3.3	4	114	0.254	W
S2A	20200131	Sunny	Moderate	Mid-Flood	S	1	11:11	9.2	8.16	31.64	20.41	3.68	5	113	0.272	W
S3	20200131	Sunny	Moderate	Mid-Flood	B	8.1	9:56	9.35	8.19	32	20.3	4.31	6	114	0.235	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
S3	20200131	Sunny	Moderate	Mid-Flood	B	8.1	9:56	9.09	8.12	32.23	20.21	4.27	5	114	0.21	NW
S3	20200131	Sunny	Moderate	Mid-Flood	M	4.55	9:57	9.16	8.2	31.77	20.27	3.65	6	113	0.247	W
S3	20200131	Sunny	Moderate	Mid-Flood	M	4.55	9:57	8.87	8.11	31.91	20.28	3.79	6	114	0.277	W
S3	20200131	Sunny	Moderate	Mid-Flood	S	1	9:58	9.47	8.16	31.95	20.22	3.27	4	114	0.281	W
S3	20200131	Sunny	Moderate	Mid-Flood	S	1	9:58	8.91	8.15	31.98	20.29	3.43	5	114	0.234	W
B1	20200131	Sunny	Moderate	Mid-Ebb	B	4.1	15:17	9.3	8.13	31.56	20.25	3.75	2	114	0.248	SE
B1	20200131	Sunny	Moderate	Mid-Ebb	B	4.1	15:17	8.79	8.13	31.72	20.27	3.75	4	114	0.218	SE
B1	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:18	9.27	8.08	31.92	20.3	3.45	3	114	0.126	E
B1	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:18	9.09	8.18	31.73	20.4	3.18	3	114	0.117	SE
B2	20200131	Sunny	Moderate	Mid-Ebb	B	4.3	15:37	8.97	8.1	31.62	20.33	3.82	3	114	0.193	SE
B2	20200131	Sunny	Moderate	Mid-Ebb	B	4.3	15:37	9.13	8	31.78	20.36	3.88	2	114	0.248	SE
B2	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:38	9.21	8.15	32.03	20.29	3.25	4	113	0.236	SE
B2	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:38	9.11	8.12	31.94	20.26	3.27	3	114	0.167	SE
B3	20200131	Sunny	Moderate	Mid-Ebb	B	3.7	15:58	9.36	8.02	31.39	20.29	4.14	3	114	0.185	E
B3	20200131	Sunny	Moderate	Mid-Ebb	B	3.7	15:58	9.11	8.05	31.83	20.23	4.32	4	115	0.137	SE
B3	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:59	8.64	7.96	32.05	20.24	3.55	3	114	0.248	E
B3	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:59	8.91	8.13	32.03	20.3	3.64	3	114	0.221	E
B4	20200131	Sunny	Moderate	Mid-Ebb	B	3.8	16:07	8.91	8.12	32.09	20.21	4.25	4	115	0.199	E
B4	20200131	Sunny	Moderate	Mid-Ebb	B	3.8	16:07	9.12	8.16	32	20.39	4.12	4	114	0.125	SE
B4	20200131	Sunny	Moderate	Mid-Ebb	S	1	16:08	9.36	8.01	31.94	20.21	3.28	5	114	0.144	SE
B4	20200131	Sunny	Moderate	Mid-Ebb	S	1	16:08	9.2	8.08	31.94	20.24	3.47	4	114	0.166	SE
C1A	20200131	Sunny	Moderate	Mid-Ebb	B	8.8	15:03	9.07	8.13	31.94	20.22	3.68	5	114	0.242	SE
C1A	20200131	Sunny	Moderate	Mid-Ebb	B	8.8	15:03	8.66	8.03	31.63	20.3	3.98	5	113	0.196	SE
C1A	20200131	Sunny	Moderate	Mid-Ebb	M	4.9	15:04	9.12	8.17	31.48	20.38	3.3	5	114	0.217	E
C1A	20200131	Sunny	Moderate	Mid-Ebb	M	4.9	15:04	8.63	8.2	31.96	20.26	3.71	6	114	0.183	E
C1A	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:05	9.36	8	31.69	20.36	3.64	4	113	0.12	SE
C1A	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:05	8.92	8.18	31.78	20.34	3.34	4	114	0.151	SE
C2A	20200131	Sunny	Moderate	Mid-Ebb	B	11.5	16:44	9.05	7.96	31.57	20.34	3.67	7	115	0.125	E

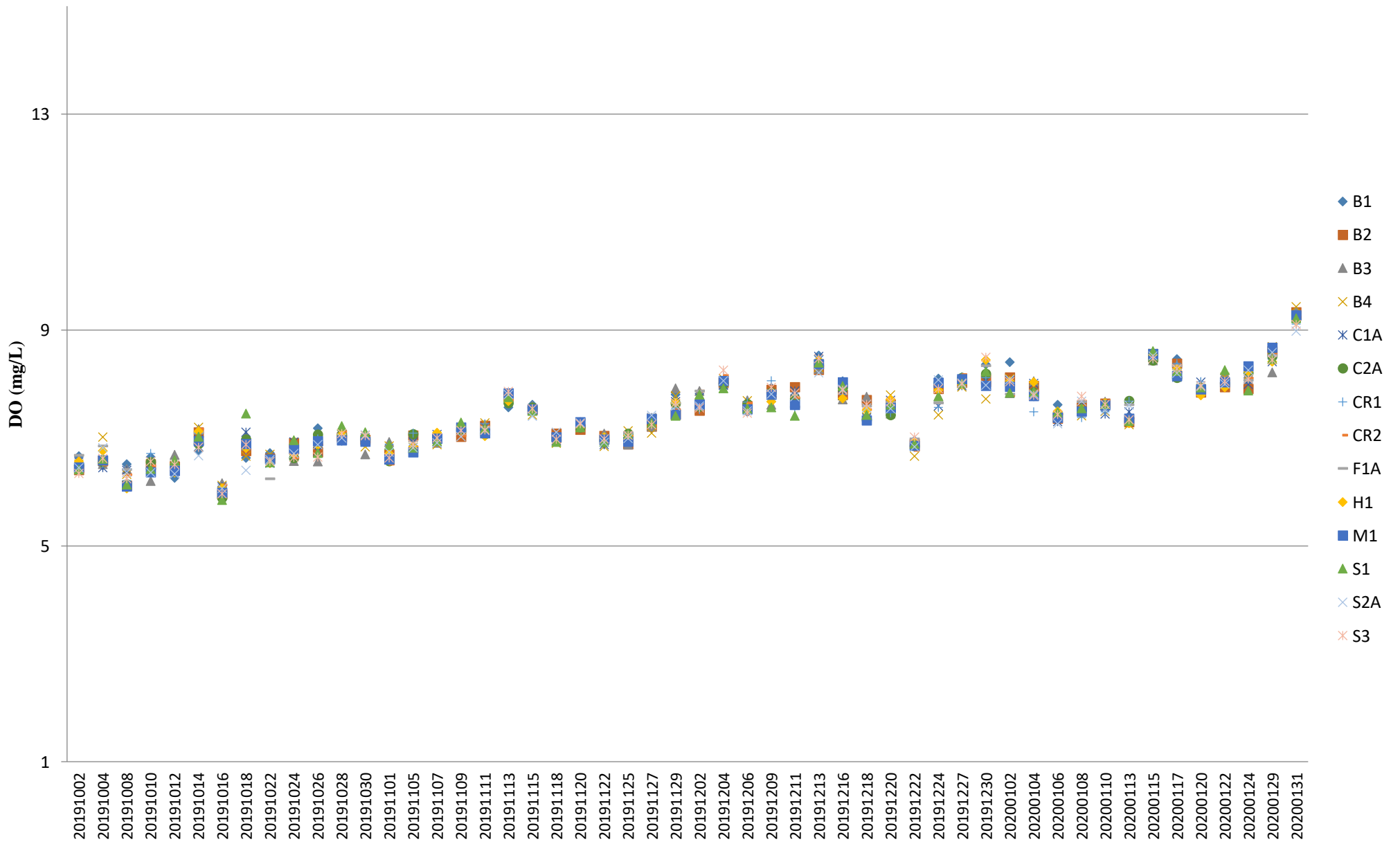
Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact Water Quality Monitoring Data

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
C2A	20200131	Sunny	Moderate	Mid-Ebb	B	11.5	16:44	9.28	8.03	31.71	20.35	4.12	6	114	0.129	E
C2A	20200131	Sunny	Moderate	Mid-Ebb	M	6.25	16:45	9.37	8.07	31.5	20.33	3.17	5	114	0.222	SE
C2A	20200131	Sunny	Moderate	Mid-Ebb	M	6.25	16:45	9.31	8.12	31.98	20.25	3.43	5	115	0.14	E
C2A	20200131	Sunny	Moderate	Mid-Ebb	S	1	16:46	8.65	8.04	31.4	20.23	3.56	3	115	0.151	SE
C2A	20200131	Sunny	Moderate	Mid-Ebb	S	1	16:46	8.66	8	31.69	20.3	3.61	4	114	0.181	E
CR1	20200131	Sunny	Moderate	Mid-Ebb	B	12.7	16:18	9.17	8.04	31.33	20.37	3.75	5	114	0.214	SE
CR1	20200131	Sunny	Moderate	Mid-Ebb	B	12.7	16:18	9.13	8.13	31.91	20.26	3.69	5	114	0.219	SE
CR1	20200131	Sunny	Moderate	Mid-Ebb	M	6.85	16:19	9.28	7.97	31.91	20.28	3.44	4	114	0.194	E
CR1	20200131	Sunny	Moderate	Mid-Ebb	M	6.85	16:19	9.1	8.03	31.93	20.38	3.71	5	115	0.133	E
CR1	20200131	Sunny	Moderate	Mid-Ebb	S	1	16:20	8.67	8.04	32.03	20.22	3.59	4	114	0.146	SE
CR1	20200131	Sunny	Moderate	Mid-Ebb	S	1	16:20	8.91	8.11	31.65	20.32	3.47	4	114	0.247	SE
CR2	20200131	Sunny	Moderate	Mid-Ebb	B	10.6	15:51	8.78	8.14	31.99	20.4	3.7	4	114	0.161	E
CR2	20200131	Sunny	Moderate	Mid-Ebb	B	10.6	15:51	9.13	8.13	31.54	20.39	4.21	4	114	0.226	SE
CR2	20200131	Sunny	Moderate	Mid-Ebb	M	5.8	15:52	9.18	8.18	32.09	20.21	3.37	3	114	0.232	E
CR2	20200131	Sunny	Moderate	Mid-Ebb	M	5.8	15:52	8.93	7.98	31.73	20.21	3.45	4	115	0.193	E
CR2	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:53	9.23	8.17	31.89	20.39	3.35	4	114	0.139	SE
CR2	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:53	8.85	8	31.58	20.33	3.49	4	115	0.15	SE
F1A	20200131	Sunny	Moderate	Mid-Ebb	B	7.4	16:30	9.1	8.2	31.89	20.35	4.15	5	113	0.2	E
F1A	20200131	Sunny	Moderate	Mid-Ebb	B	7.4	16:30	8.62	7.98	31.57	20.23	3.67	5	113	0.215	SE
F1A	20200131	Sunny	Moderate	Mid-Ebb	M	4.2	16:31	8.8	7.99	31.35	20.38	3.36	6	115	0.149	SE
F1A	20200131	Sunny	Moderate	Mid-Ebb	M	4.2	16:31	8.79	7.99	31.7	20.21	3.37	6	114	0.144	SE
F1A	20200131	Sunny	Moderate	Mid-Ebb	S	1	16:32	9.03	8.14	31.82	20.4	3.66	6	115	0.133	SE
F1A	20200131	Sunny	Moderate	Mid-Ebb	S	1	16:32	9.21	8.05	31.38	20.31	3.44	5	114	0.182	E
H1	20200131	Sunny	Moderate	Mid-Ebb	B	7.5	15:30	9.17	8	31.7	20.24	3.9	5	114	0.243	SE
H1	20200131	Sunny	Moderate	Mid-Ebb	B	7.5	15:30	8.67	8.19	32.09	20.22	4.14	4	114	0.203	SE
H1	20200131	Sunny	Moderate	Mid-Ebb	M	4.25	15:31	9.12	7.99	31.95	20.25	3.3	5	115	0.193	E
H1	20200131	Sunny	Moderate	Mid-Ebb	M	4.25	15:31	8.74	8.17	31.7	20.31	3.36	4	113	0.201	SE
H1	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:32	9.08	7.97	31.7	20.2	3.19	3	114	0.166	SE

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

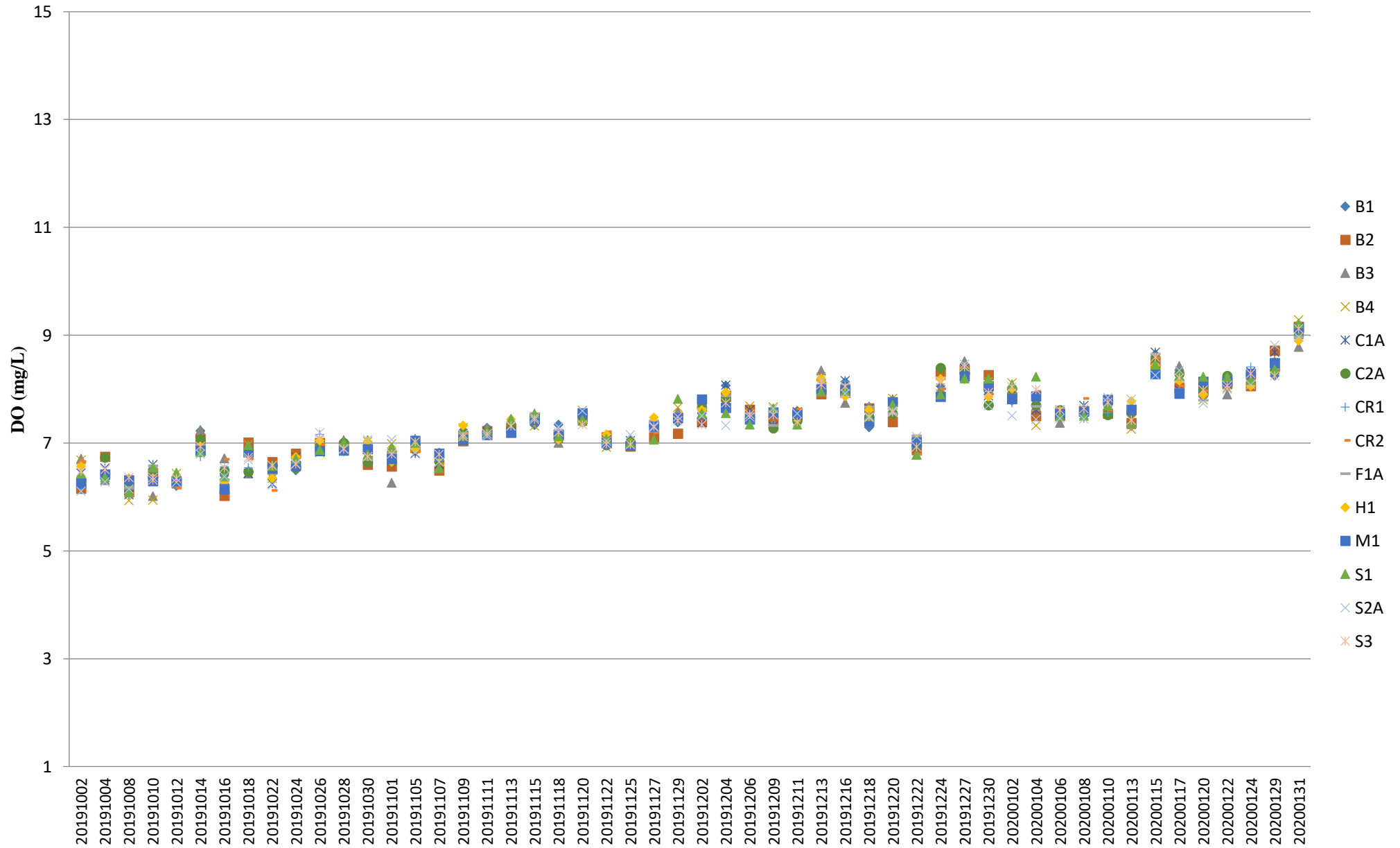
Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:32	8.64	8.01	31.54	20.29	3.7	4	113	0.17	E
M1	20200131	Sunny	Moderate	Mid-Ebb	B	8.7	16:49	9.13	8.11	32.06	20.23	3.71	5	115	0.199	SE
M1	20200131	Sunny	Moderate	Mid-Ebb	B	8.7	16:49	8.68	7.96	32.04	20.38	3.94	4	115	0.227	SE
M1	20200131	Sunny	Moderate	Mid-Ebb	M	4.85	16:50	9.03	8.03	31.43	20.32	3.27	4	114	0.124	SE
M1	20200131	Sunny	Moderate	Mid-Ebb	M	4.85	16:50	9.35	8.09	31.39	20.27	3.5	4	115	0.161	E
M1	20200131	Sunny	Moderate	Mid-Ebb	S	1	16:51	9.2	8.01	31.74	20.34	3.14	5	114	0.24	E
M1	20200131	Sunny	Moderate	Mid-Ebb	S	1	16:51	8.96	8.19	31.59	20.26	3.38	4	114	0.205	E
S1	20200131	Sunny	Moderate	Mid-Ebb	B	4.1	15:27	8.82	7.99	31.67	20.35	3.77	4	113	0.13	SE
S1	20200131	Sunny	Moderate	Mid-Ebb	B	4.1	15:27	8.9	8.14	31.79	20.33	4.12	5	114	0.137	E
S1	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:28	9.1	8.2	31.93	20.2	3.3	6	113	0.129	SE
S1	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:28	9.33	8.16	31.61	20.22	3.44	7	114	0.213	SE
S2A	20200131	Sunny	Moderate	Mid-Ebb	B	8	15:04	8.91	8.03	31.38	20.25	3.86	5	114	0.147	SE
S2A	20200131	Sunny	Moderate	Mid-Ebb	B	8	15:04	8.9	7.99	31.77	20.2	4.18	4	115	0.247	SE
S2A	20200131	Sunny	Moderate	Mid-Ebb	M	4.5	15:05	9.26	8.13	32.08	20.4	3.45	5	114	0.234	SE
S2A	20200131	Sunny	Moderate	Mid-Ebb	M	4.5	15:05	8.81	8.05	32.04	20.22	3.2	5	115	0.177	SE
S2A	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:06	9.24	8.11	31.3	20.34	3.19	5	115	0.18	E
S2A	20200131	Sunny	Moderate	Mid-Ebb	S	1	15:06	8.68	8.01	31.56	20.23	3.26	5	114	0.117	SE
S3	20200131	Sunny	Moderate	Mid-Ebb	B	10.5	16:04	8.67	7.98	31.45	20.2	4.11	4	114	0.135	SE
S3	20200131	Sunny	Moderate	Mid-Ebb	B	10.5	16:04	8.79	8.12	31.83	20.4	4.17	5	113	0.124	SE
S3	20200131	Sunny	Moderate	Mid-Ebb	M	5.75	16:05	8.87	8.12	31.38	20.26	3.71	4	114	0.121	SE
S3	20200131	Sunny	Moderate	Mid-Ebb	M	5.75	16:05	9.19	7.98	31.98	20.27	3.41	4	114	0.14	SE
S3	20200131	Sunny	Moderate	Mid-Ebb	S	1	16:06	9.18	8.14	31.35	20.29	3.77	5	114	0.203	SE
S3	20200131	Sunny	Moderate	Mid-Ebb	S	1	16:06	9.24	8.1	31.48	20.38	3.53	4	114	0.216	SE
Remarks:																
Note 1: S - Surface		M - Middle		B - Bottom												
Note 2: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.																
Note 3: No experimental result due to container's leakage during delivery.																
Note 4: Due to short monitoring frame, the sampling time is out of monitoring schedule and tidal period. The data would be presented for reference only.																

Dissolved Oxygen (Surface & Middle) during MID-FLOOD



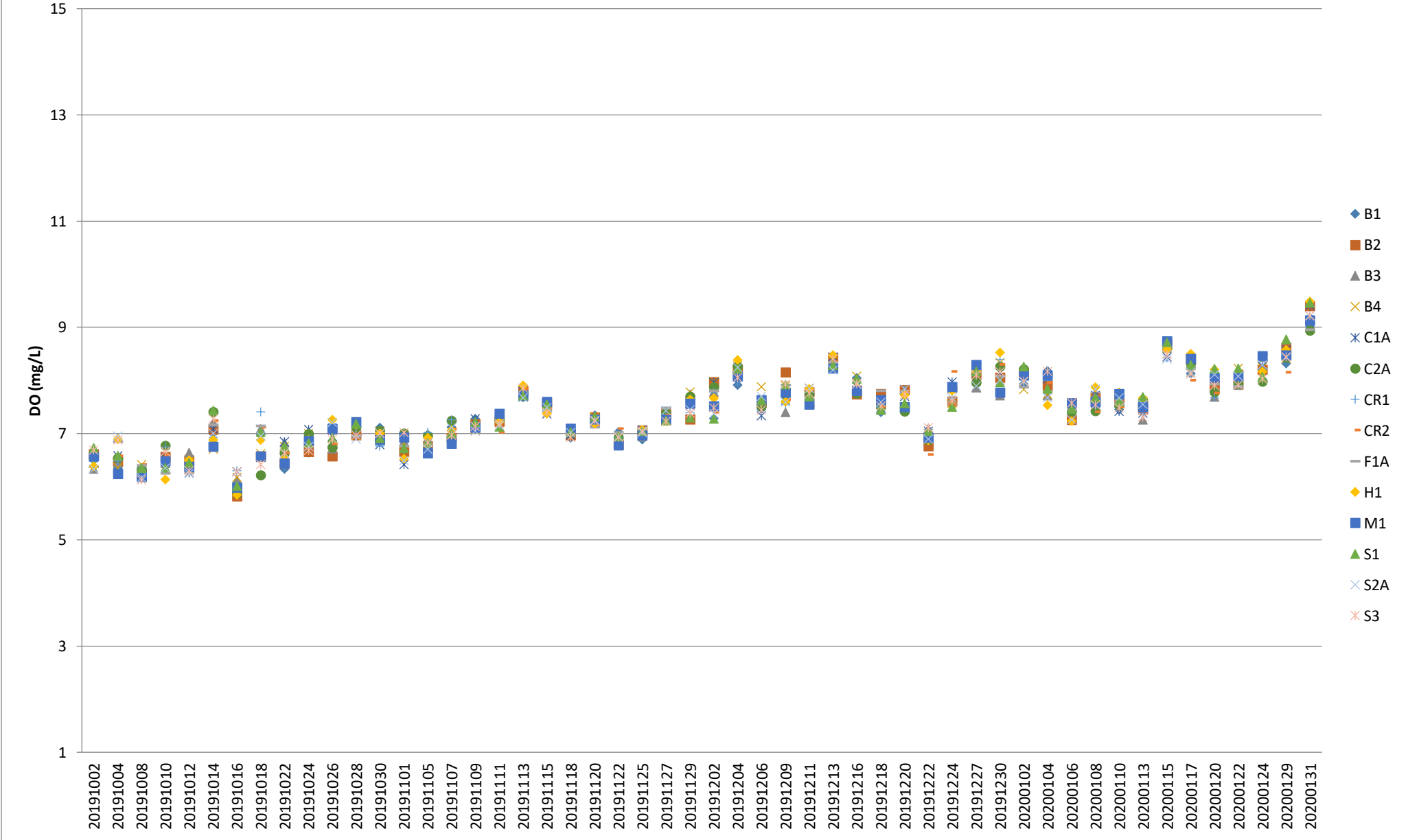
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM&A report.

Dissolved Oxygen (Surface & Middle) during MID-EBB



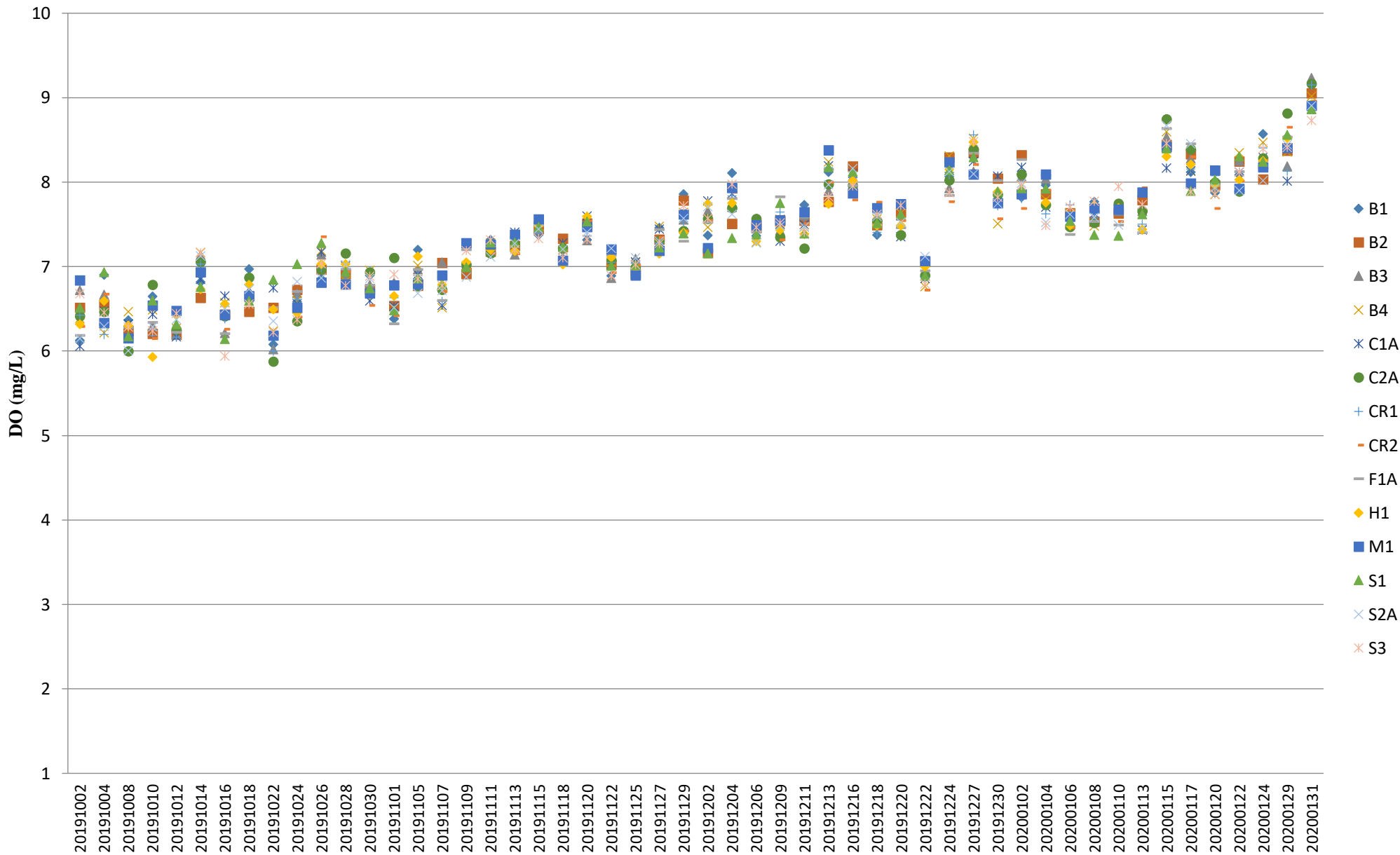
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-FLOOD



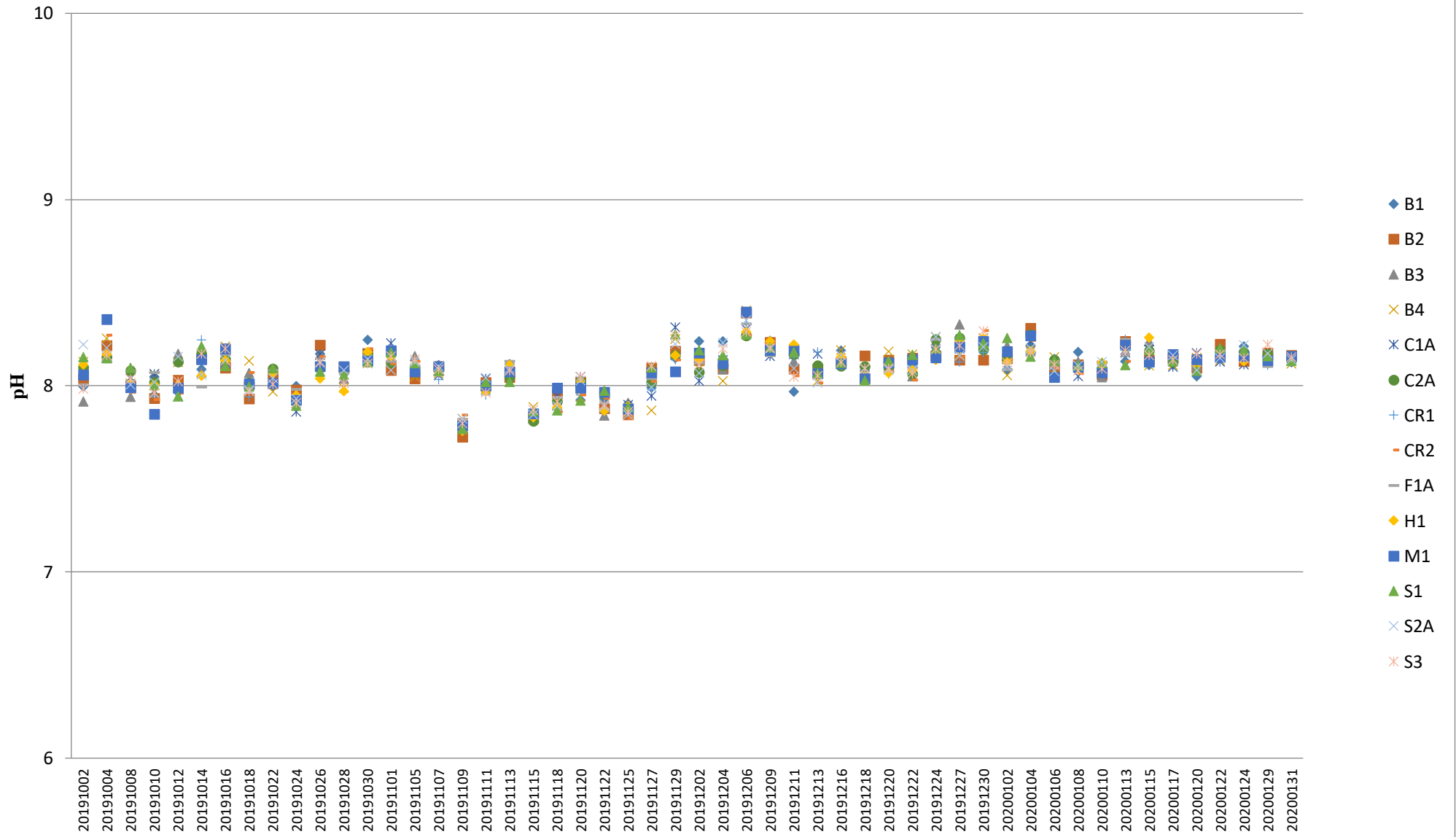
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-EBB

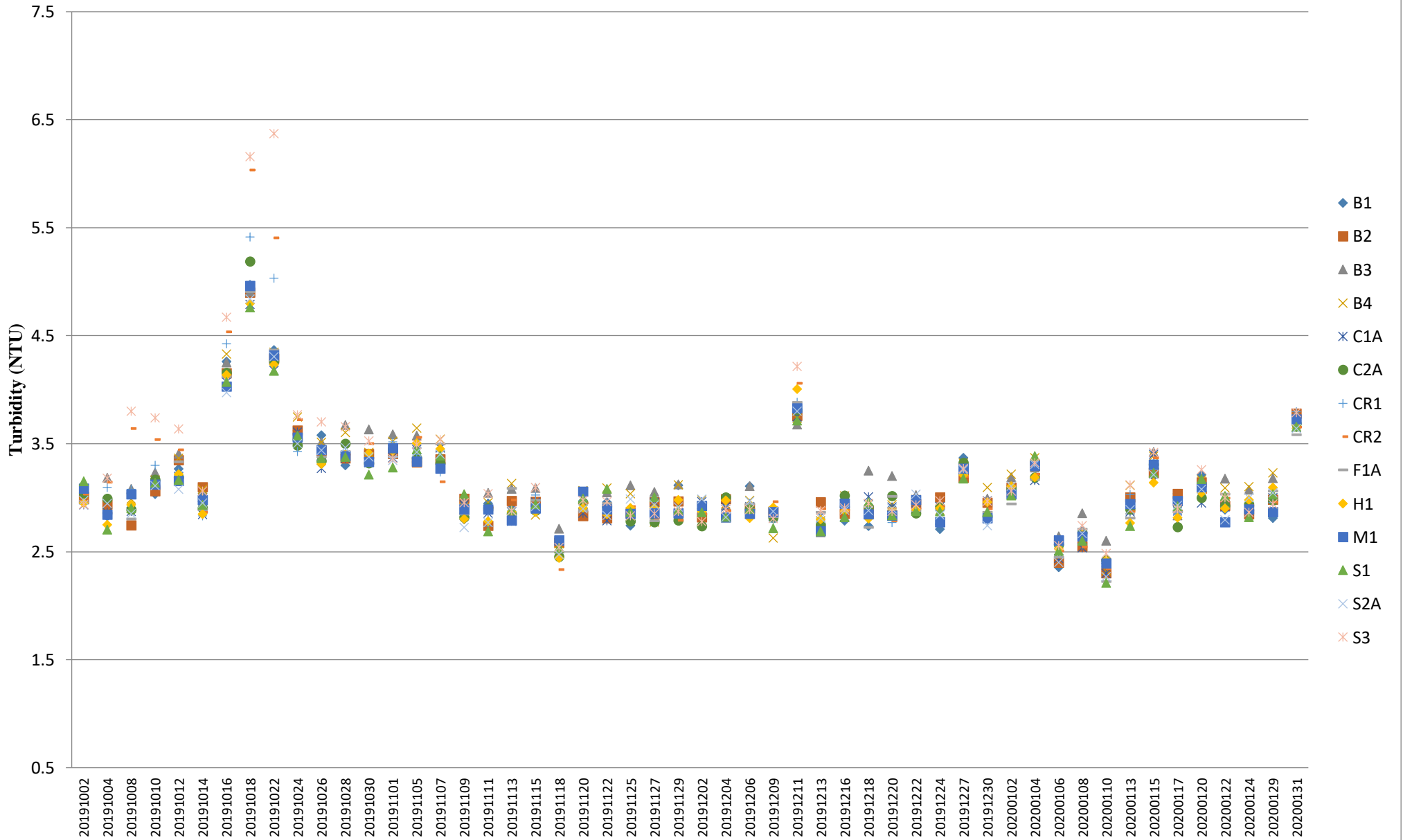


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM&A report.

pH (Depth-averaged) during MID-FLOOD

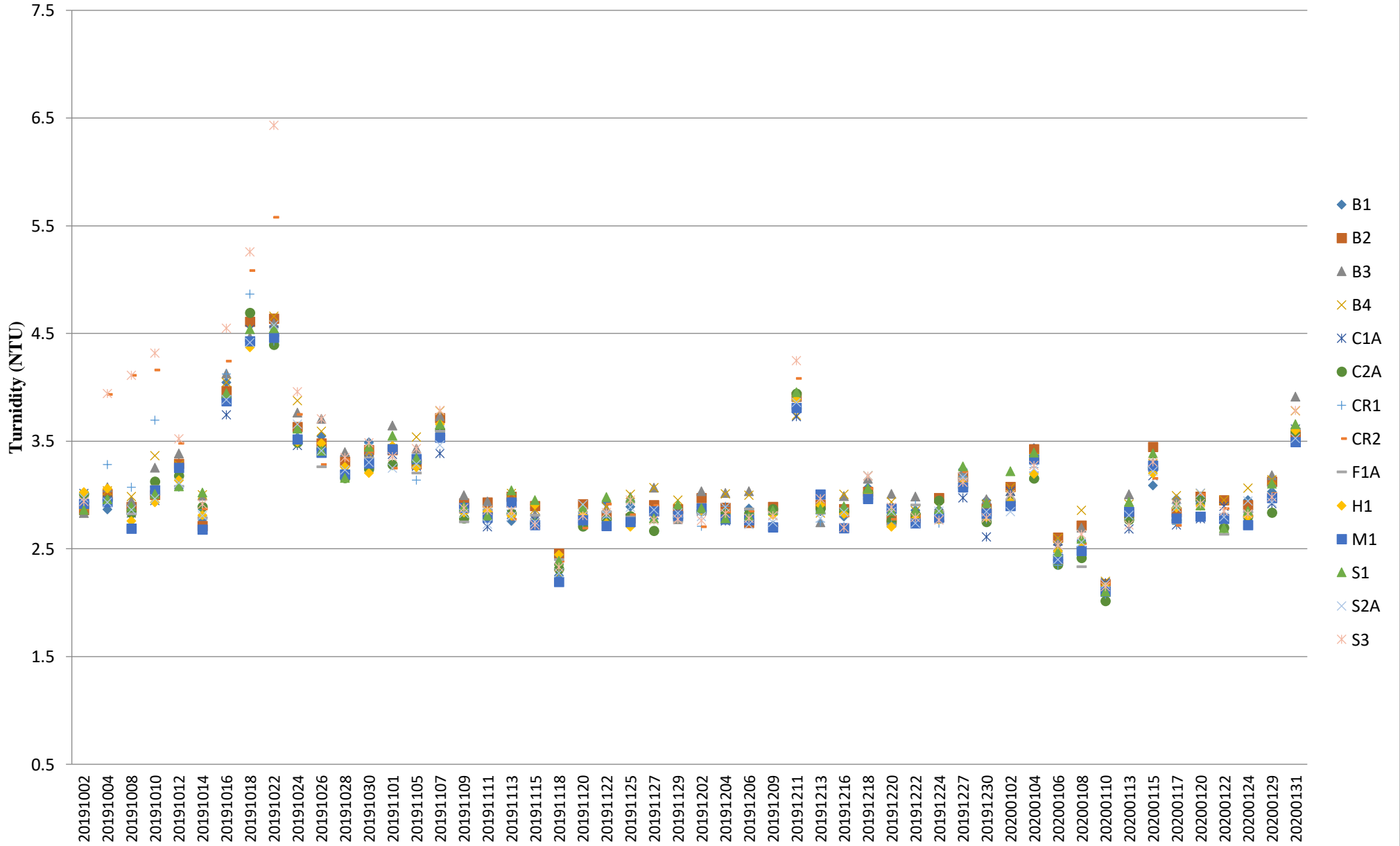


Turbidity (Depth-averaged) during MID-FLOOD



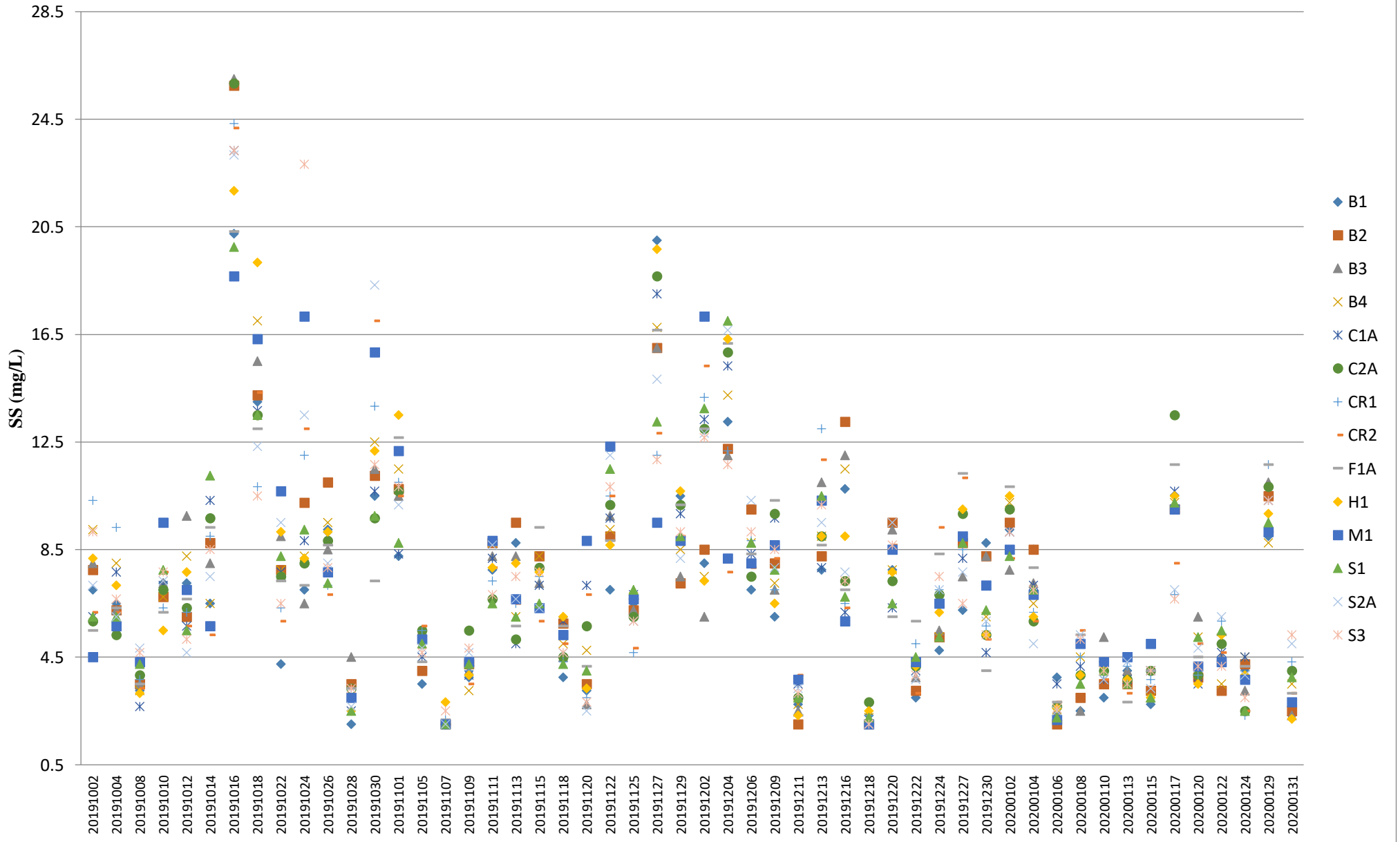
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM&A report.

Turbidity (Depth-averaged) during MID-EBB



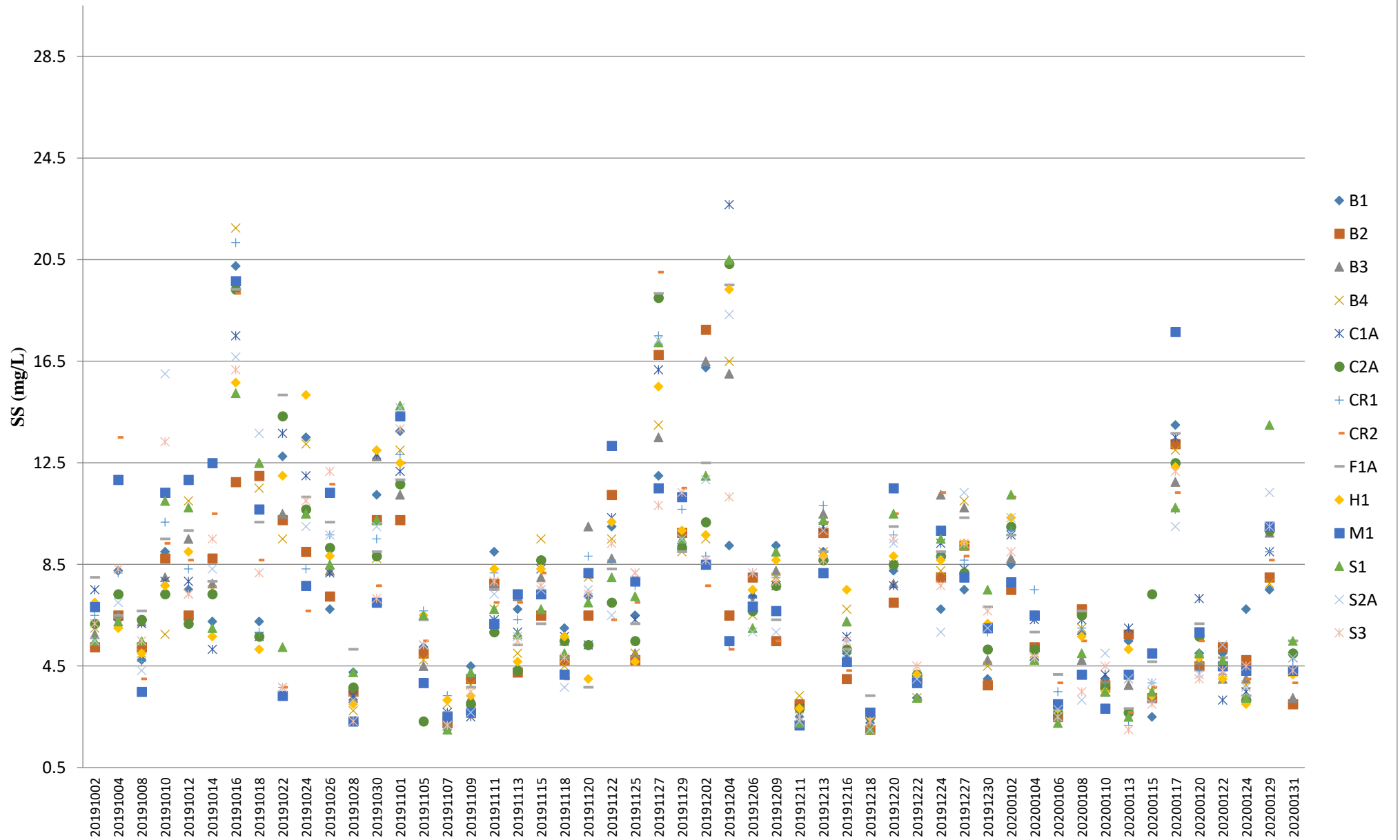
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-FLOOD



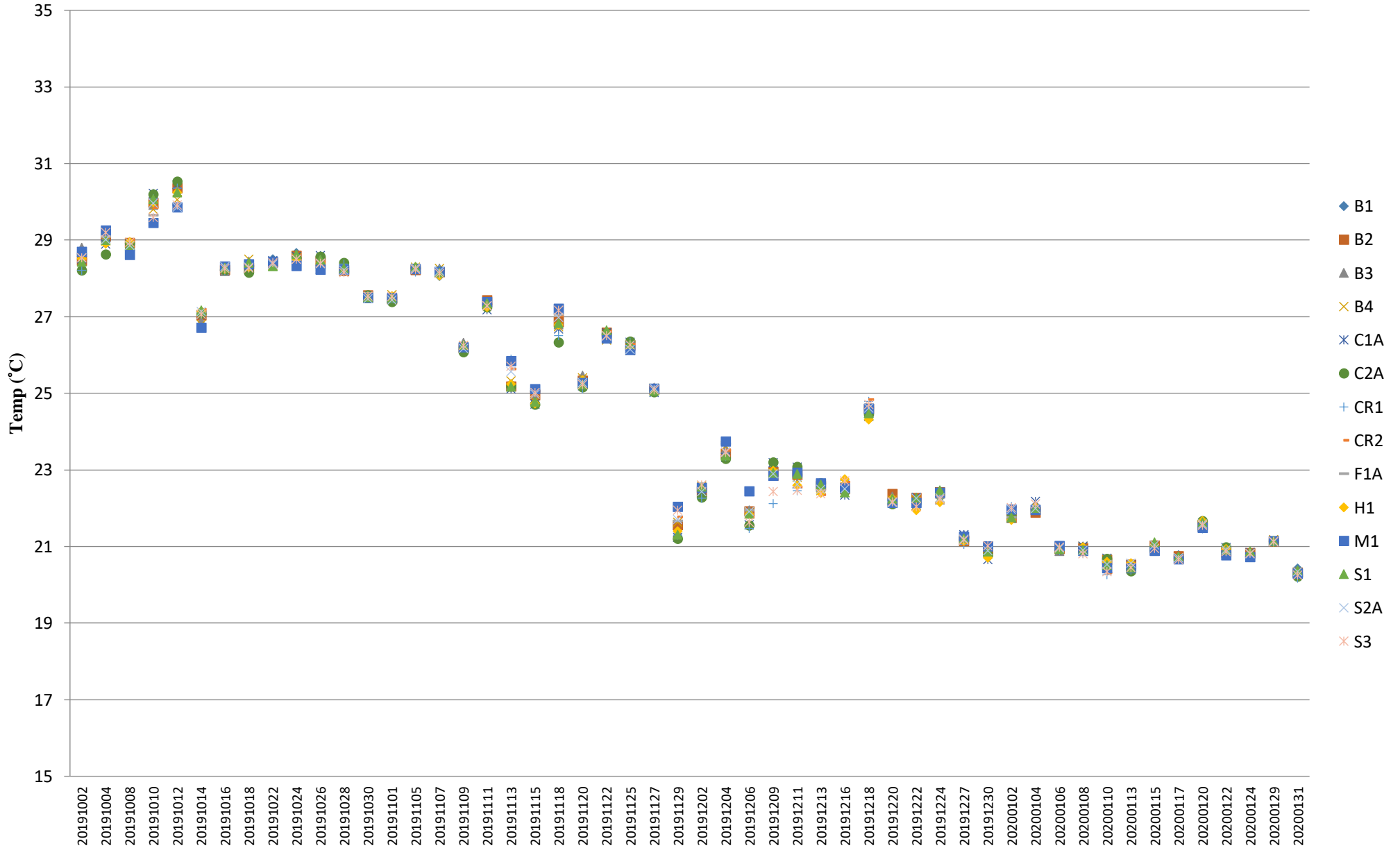
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-EBB



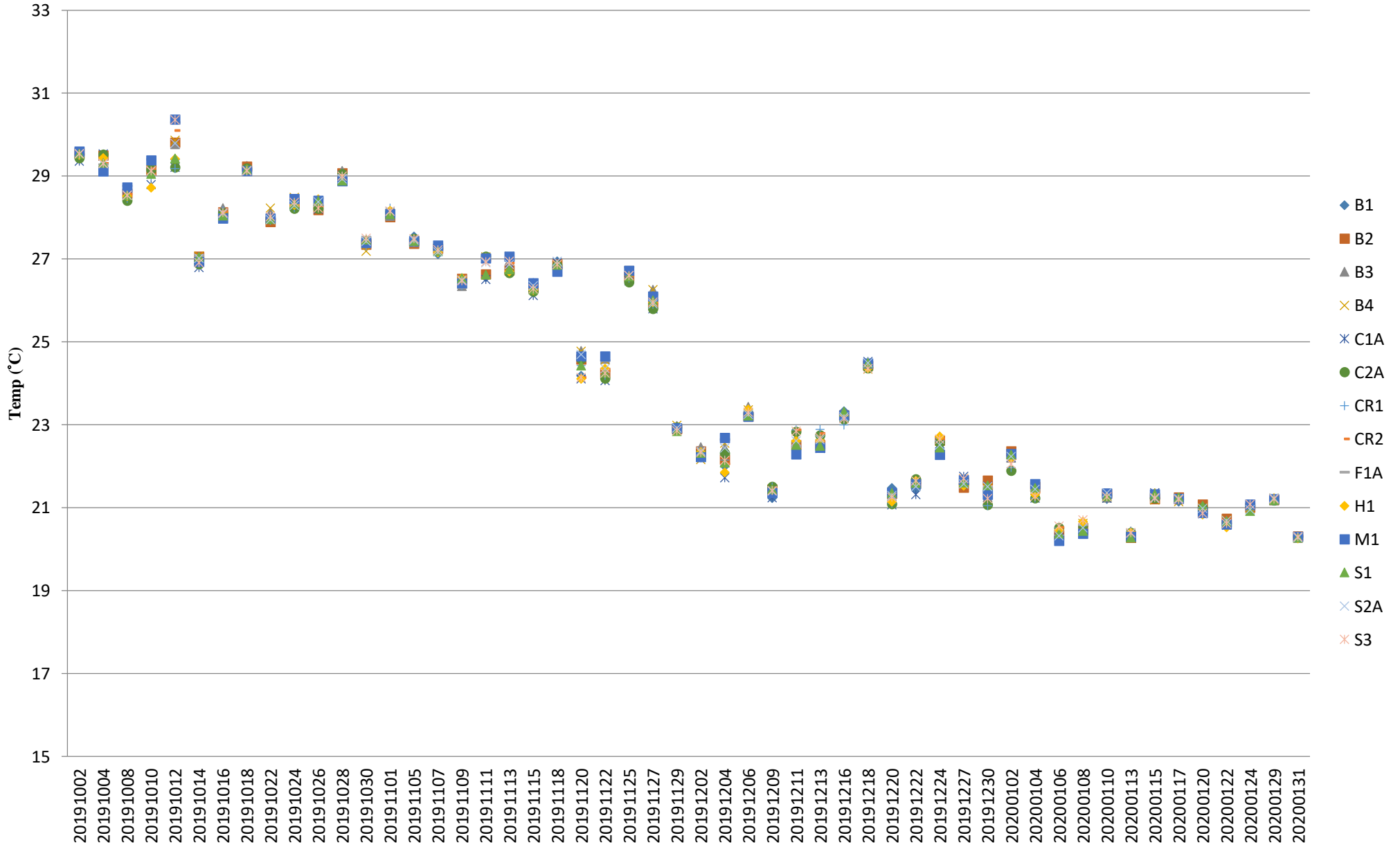
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM&A report.

Temperature (Depth-averaged) during MID-FLOOD



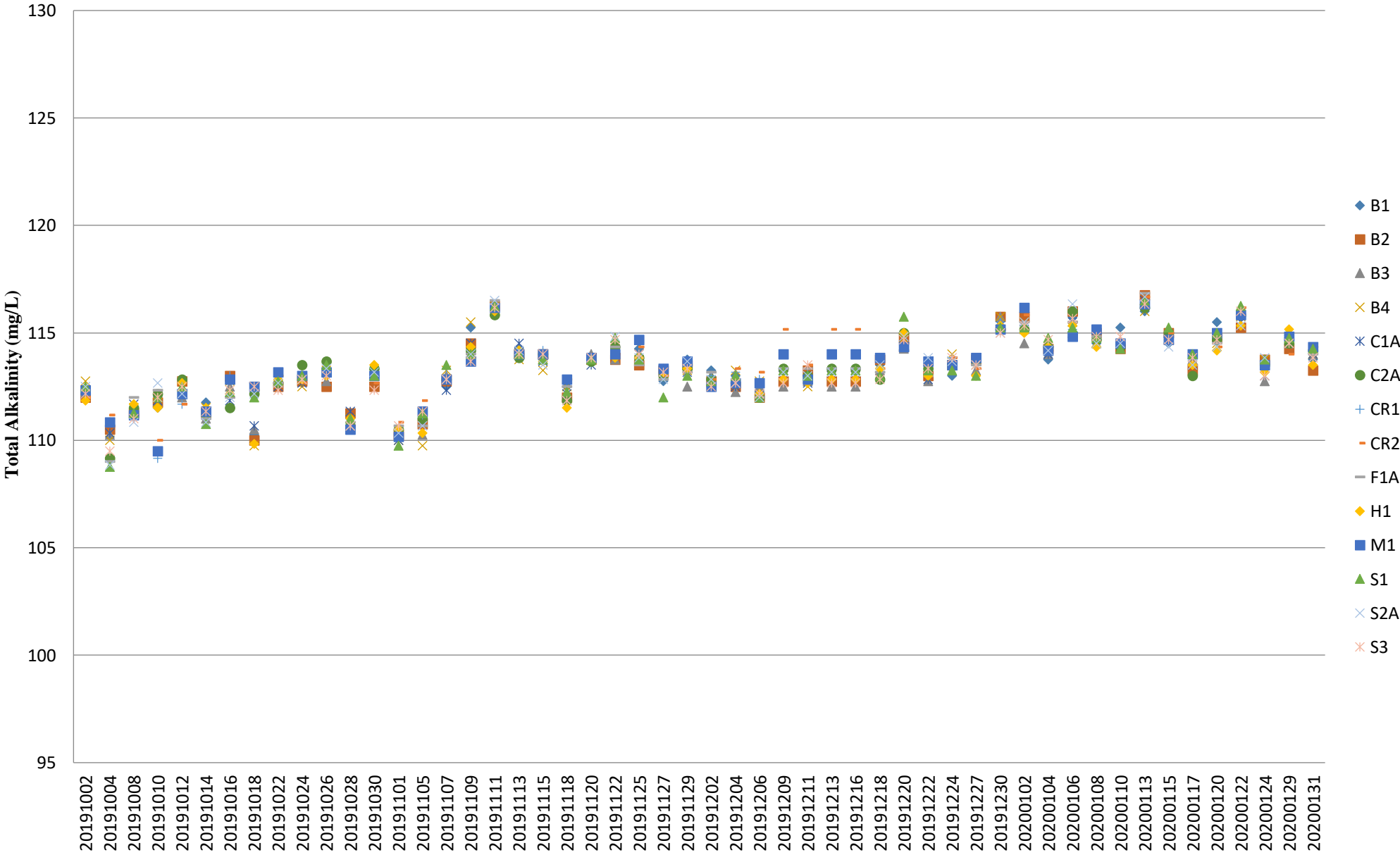
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM&A report.

Temperature (Depth-averaged) during MID-EBB



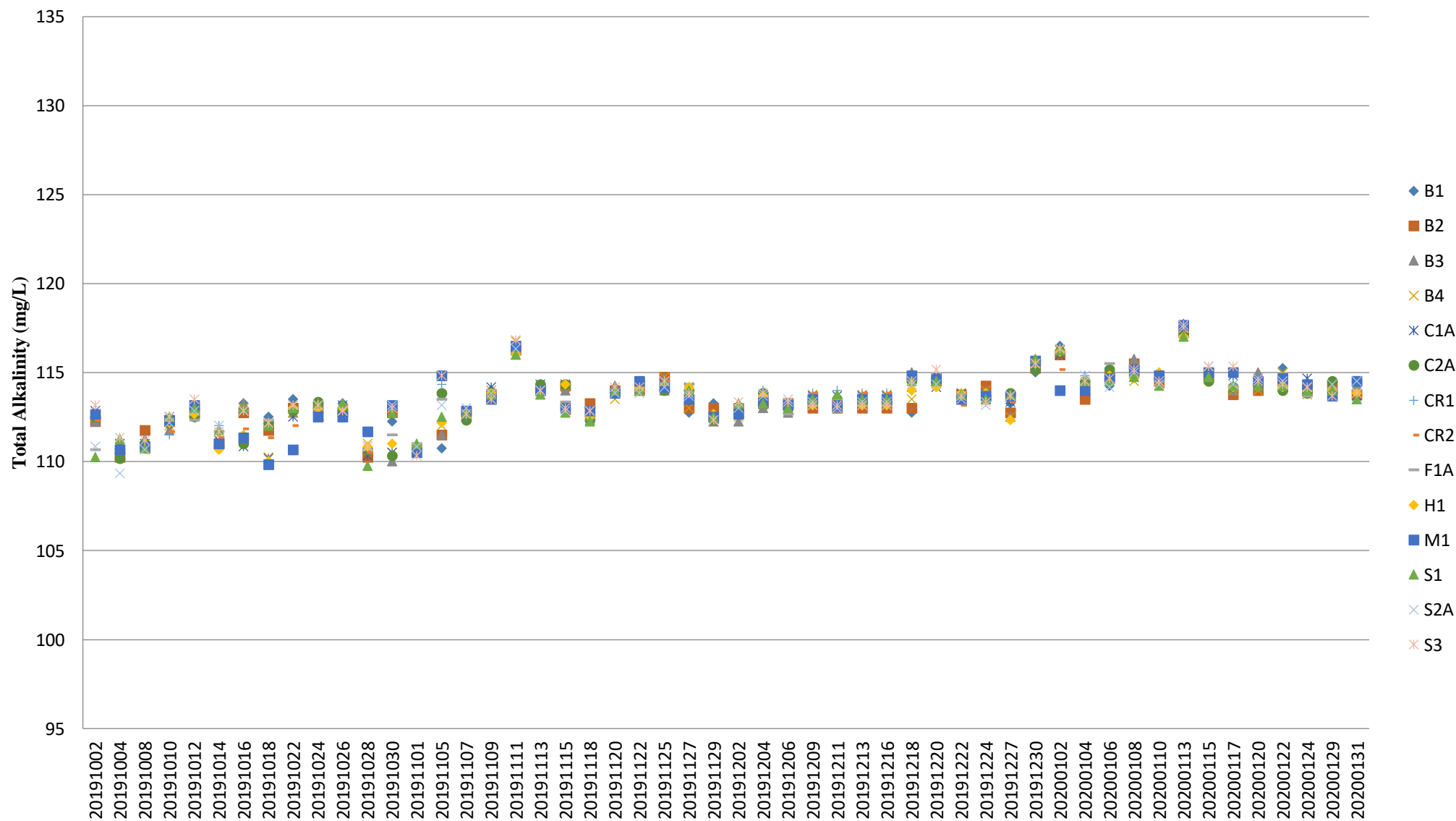
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM&A report.

Total Alkalinity (Depth-averaged) during MID-FLOOD



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