

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	20200203	Cloudy	Moderate	Mid-Flood	B	3.8	12:16	9.31	8.06	32.15	20.41	4.03	<2	113	0.215	W
B1	20200203	Cloudy	Moderate	Mid-Flood	B	3.8	12:16	9.07	8.02	32.38	20.45	3.88	2	114	0.235	W
B1	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:17	8.89	8.13	32.39	20.52	3.26	4	114	0.216	W
B1	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:17	9.05	8.13	31.98	20.46	3.39	5	114	0.236	W
B2	20200203	Cloudy	Moderate	Mid-Flood	B	4.1	12:36	8.88	8.05	32.35	20.59	4.12	3	114	0.265	W
B2	20200203	Cloudy	Moderate	Mid-Flood	B	4.1	12:36	8.91	8.11	32.37	20.35	3.79	3	113	0.247	W
B2	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:37	8.77	8.16	32.06	20.45	3.56	3	114	0.183	W
B2	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:37	8.91	8.02	32.13	20.59	3.5	3	113	0.199	W
B3	20200203	Cloudy	Moderate	Mid-Flood	B	3.5	11:52	9.23	8.16	32.36	20.34	3.98	<2	113	0.261	W
B3	20200203	Cloudy	Moderate	Mid-Flood	B	3.5	11:52	8.96	8.09	32.25	20.56	3.97	3	113	0.235	W
B3	20200203	Cloudy	Moderate	Mid-Flood	S	1	11:53	9.37	8.09	32.1	20.35	3.14	4	114	0.251	NW
B3	20200203	Cloudy	Moderate	Mid-Flood	S	1	11:53	8.85	8.03	32.3	20.41	3.16	3	113	0.216	W
B4	20200203	Cloudy	Moderate	Mid-Flood	B	3.9	11:45	9.26	8.14	32.24	20.35	3.73	6	114	0.193	W
B4	20200203	Cloudy	Moderate	Mid-Flood	B	3.9	11:45	9.14	8.14	31.99	20.58	3.87	7	113	0.223	W
B4	20200203	Cloudy	Moderate	Mid-Flood	S	1	11:46	8.94	8.1	32.25	20.35	3.62	6	113	0.232	W
B4	20200203	Cloudy	Moderate	Mid-Flood	S	1	11:46	8.81	8.12	32.28	20.6	3.21	7	113	0.231	NW
C1A	20200203	Cloudy	Moderate	Mid-Flood	B	10.1	11:41	9.21	8.17	32.01	20.54	3.74	5	112	0.245	W
C1A	20200203	Cloudy	Moderate	Mid-Flood	B	10.1	11:41	8.82	8.16	32.38	20.4	4.02	6	114	0.234	W
C1A	20200203	Cloudy	Moderate	Mid-Flood	M	5.55	11:42	9.12	8.16	32.31	20.38	3.62	5	113	0.25	W
C1A	20200203	Cloudy	Moderate	Mid-Flood	M	5.55	11:42	9.49	8.03	31.99	20.31	3.55	5	113	0.198	W
C1A	20200203	Cloudy	Moderate	Mid-Flood	S	1	11:43	8.86	8.03	32.01	20.49	3.27	4	114	0.187	W
C1A	20200203	Cloudy	Moderate	Mid-Flood	S	1	11:43	8.75	8.02	32.28	20.28	3.18	5	113	0.282	W
C2A	20200203	Cloudy	Moderate	Mid-Flood	B	10.5	10:45	9.47	8.14	32.4	20.53	3.97	4	114	0.222	W
C2A	20200203	Cloudy	Moderate	Mid-Flood	B	10.5	10:45	9.19	8.16	32.05	20.5	3.92	5	114	0.235	W
C2A	20200203	Cloudy	Moderate	Mid-Flood	M	5.75	10:46	9.15	8.03	32.41	20.36	3.37	4	114	0.195	W
C2A	20200203	Cloudy	Moderate	Mid-Flood	M	5.75	10:46	9.25	8.11	32.41	20.23	3.57	5	114	0.235	W
C2A	20200203	Cloudy	Moderate	Mid-Flood	S	1	10:47	9.24	8.16	32.05	20.28	3.39	6	115	0.238	W
C2A	20200203	Cloudy	Moderate	Mid-Flood	S	1	10:47	9.08	8.01	32.38	20.4	3.25	5	114	0.183	W

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	20200203	Cloudy	Moderate	Mid-Flood	B	11.7	12:50	8.76	8.03	32.09	20.6	3.88	7	114	0.249	W
CR1	20200203	Cloudy	Moderate	Mid-Flood	B	11.7	12:50	9.15	8.19	32.22	20.58	3.77	8	114	0.168	W
CR1	20200203	Cloudy	Moderate	Mid-Flood	M	6.35	12:51	9.11	8.19	32.29	20.62	3.72	8	114	0.215	W
CR1	20200203	Cloudy	Moderate	Mid-Flood	M	6.35	12:51	9.4	8.08	32.21	20.4	3.78	8	114	0.178	W
CR1	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:52	8.83	8.03	32.29	20.54	3.44	6	113	0.253	W
CR1	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:52	9.02	8.02	32.31	20.5	3.33	7	113	0.21	W
CR2	20200203	Cloudy	Moderate	Mid-Flood	B	10.3	12:18	9.21	8.14	32.03	20.42	4.14	6	116	0.258	NW
CR2	20200203	Cloudy	Moderate	Mid-Flood	B	10.3	12:18	9.35	8.09	32.28	20.41	4.08	6	114	0.256	W
CR2	20200203	Cloudy	Moderate	Mid-Flood	M	5.65	12:19	9.11	8.09	32.27	20.46	3.23	7	115	0.24	NW
CR2	20200203	Cloudy	Moderate	Mid-Flood	M	5.65	12:19	9.35	8.17	32.15	20.36	3.56	7	115	0.18	W
CR2	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:20	8.85	8.1	32.4	20.37	3.1	8	114	0.205	W
CR2	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:20	9.14	8.1	32.01	20.47	3.08	7	114	0.229	W
F1A	20200203	Cloudy	Moderate	Mid-Flood	B	7.2	11:22	9.27	8.07	32.39	20.36	3.57	5	114	0.264	W
F1A	20200203	Cloudy	Moderate	Mid-Flood	B	7.2	11:22	9.2	8.08	32.37	20.27	3.87	6	113	0.247	W
F1A	20200203	Cloudy	Moderate	Mid-Flood	M	4.1	11:23	8.84	8.14	32.13	20.56	3.25	6	114	0.182	W
F1A	20200203	Cloudy	Moderate	Mid-Flood	M	4.1	11:23	9.41	8.07	32.42	20.31	3.23	5	115	0.223	NW
F1A	20200203	Cloudy	Moderate	Mid-Flood	S	1	11:24	9.05	8.04	32.34	20.48	3.32	4	114	0.234	NW
F1A	20200203	Cloudy	Moderate	Mid-Flood	S	1	11:24	9.22	8.03	32.31	20.5	3.61	4	115	0.235	W
H1	20200203	Cloudy	Moderate	Mid-Flood	B	7.3	11:13	9.42	8.02	32.22	20.59	3.85	3	114	0.202	W
H1	20200203	Cloudy	Moderate	Mid-Flood	B	7.3	11:13	9.3	8.1	32.06	20.34	3.7	3	113	0.211	W
H1	20200203	Cloudy	Moderate	Mid-Flood	M	4.15	11:14	9.51	8.07	32.29	20.52	3.74	4	114	0.233	W
H1	20200203	Cloudy	Moderate	Mid-Flood	M	4.15	11:14	8.8	8.03	32.22	20.28	3.38	4	114	0.202	W
H1	20200203	Cloudy	Moderate	Mid-Flood	S	1	11:15	8.81	8.05	32.3	20.47	3.38	3	115	0.279	NW
H1	20200203	Cloudy	Moderate	Mid-Flood	S	1	11:15	9.08	8.13	32	20.26	3.31	4	113	0.193	W
M1	20200203	Cloudy	Moderate	Mid-Flood	B	7	10:57	9.1	8.01	31.99	20.55	3.73	8	114	0.239	W
M1	20200203	Cloudy	Moderate	Mid-Flood	B	7	10:57	9.35	8.17	32.38	20.53	3.82	8	114	0.219	NW
M1	20200203	Cloudy	Moderate	Mid-Flood	M	4	10:58	8.77	8.16	32.08	20.36	3.31	6	115	0.181	W
M1	20200203	Cloudy	Moderate	Mid-Flood	M	4	10:58	9.34	8.12	32.44	20.36	3.71	7	115	0.17	NW

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M1	20200203	Cloudy	Moderate	Mid-Flood	S	1	10:59	9.03	8.01	32.14	20.48	3.4	7	114	0.202	W
M1	20200203	Cloudy	Moderate	Mid-Flood	S	1	10:59	9.27	8.08	32.13	20.2	3.24	6	114	0.211	W
S1	20200203	Cloudy	Moderate	Mid-Flood	B	4.2	12:26	8.97	8.14	32.05	20.57	3.7	5	114	0.247	W
S1	20200203	Cloudy	Moderate	Mid-Flood	B	4.2	12:26	9.03	8.08	32.1	20.49	3.62	5	115	0.275	W
S1	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:27	9.16	8.09	31.99	20.39	3.11	4	114	0.216	W
S1	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:27	9.44	8.06	32.34	20.46	3.28	5	114	0.185	W
S2A	20200203	Cloudy	Moderate	Mid-Flood	B	8.7	12:04	9.22	8.18	32.23	20.47	4.02	8	115	0.198	W
S2A	20200203	Cloudy	Moderate	Mid-Flood	B	8.7	12:04	8.9	8.01	32.37	20.37	3.77	8	113	0.273	W
S2A	20200203	Cloudy	Moderate	Mid-Flood	M	4.85	12:05	9.44	8.04	32.05	20.6	3.48	8	114	0.24	W
S2A	20200203	Cloudy	Moderate	Mid-Flood	M	4.85	12:05	8.88	8.12	32.07	20.6	3.73	8	114	0.248	W
S2A	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:06	8.78	8.17	32.11	20.61	3.3	7	114	0.172	W
S2A	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:06	9.1	8.11	32.43	20.39	3.51	8	115	0.241	NW
S3	20200203	Cloudy	Moderate	Mid-Flood	B	8.5	12:33	8.93	8.14	32.33	20.43	4.18	7	114	0.206	W
S3	20200203	Cloudy	Moderate	Mid-Flood	B	8.5	12:33	9.4	8.13	31.99	20.49	4.04	6	114	0.26	W
S3	20200203	Cloudy	Moderate	Mid-Flood	M	4.75	12:34	8.99	8.08	32.44	20.49	3.45	8	114	0.234	W
S3	20200203	Cloudy	Moderate	Mid-Flood	M	4.75	12:34	9	8.01	32.12	20.61	3.42	7	114	0.179	NW
S3	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:35	8.85	8.06	32.25	20.36	3.22	7	113	0.171	W
S3	20200203	Cloudy	Moderate	Mid-Flood	S	1	12:35	9.05	8.06	32.27	20.48	3.69	8	113	0.269	W
B1	20200203	Cloudy	Moderate	Mid-Ebb	B	4.1	16:57	9.39	8.18	32.07	20.39	3.53	10	115	0.216	SE
B1	20200203	Cloudy	Moderate	Mid-Ebb	B	4.1	16:57	9.14	8.04	32.37	20.31	3.67	9	114	0.158	SE
B1	20200203	Cloudy	Moderate	Mid-Ebb	S	1	16:58	9.34	8.11	32.57	20.39	3.35	8	115	0.122	SE
B1	20200203	Cloudy	Moderate	Mid-Ebb	S	1	16:58	9.36	8.03	32.21	20.4	3.32	7	115	0.135	SE
B2	20200203	Cloudy	Moderate	Mid-Ebb	B	4.2	16:43	9.34	8.03	32.37	20.37	3.46	8	115	0.248	SE
B2	20200203	Cloudy	Moderate	Mid-Ebb	B	4.2	16:43	9.07	7.96	32.21	20.48	3.58	9	115	0.147	E
B2	20200203	Cloudy	Moderate	Mid-Ebb	S	1	16:44	8.97	8.09	32.33	20.14	2.98	11	116	0.163	E
B2	20200203	Cloudy	Moderate	Mid-Ebb	S	1	16:44	8.83	8.17	32.6	20.36	2.94	12	115	0.148	SE
B3	20200203	Cloudy	Moderate	Mid-Ebb	B	3.5	17:20	8.9	7.96	32.57	20.2	4.01	10	115	0.185	E
B3	20200203	Cloudy	Moderate	Mid-Ebb	B	3.5	17:20	9.42	8.05	32.39	20.34	3.58	9	113	0.152	SE

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B3	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:21	9.07	8.19	32.45	20.32	3.43	11	115	0.204	E
B3	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:21	9.27	8.16	32.01	20.35	3.38	10	114	0.243	E
B4	20200203	Cloudy	Moderate	Mid-Ebb	B	3.3	17:27	9.25	8.17	32.35	20.04	3.75	7	115	0.174	SE
B4	20200203	Cloudy	Moderate	Mid-Ebb	B	3.3	17:27	9.25	8.05	32.54	20.18	4.01	6	114	0.13	SE
B4	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:28	8.94	8.02	32.53	20.24	3.35	9	114	0.211	SE
B4	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:28	8.94	8.16	32.28	20.17	2.94	8	114	0.216	SE
C1A	20200203	Cloudy	Moderate	Mid-Ebb	B	9.9	16:40	9.13	8.18	32.34	20.14	3.79	8	115	0.138	SE
C1A	20200203	Cloudy	Moderate	Mid-Ebb	B	9.9	16:40	9.16	8	32.22	20.35	3.81	9	114	0.132	SE
C1A	20200203	Cloudy	Moderate	Mid-Ebb	M	5.45	16:41	9.44	8.13	32.23	20.47	3.23	11	115	0.212	SE
C1A	20200203	Cloudy	Moderate	Mid-Ebb	M	5.45	16:41	9.08	8.1	32.15	20.19	3.21	10	114	0.229	SE
C1A	20200203	Cloudy	Moderate	Mid-Ebb	S	1	16:42	9.45	7.98	32.47	20.31	3.43	11	114	0.218	E
C1A	20200203	Cloudy	Moderate	Mid-Ebb	S	1	16:42	8.9	8.03	32.48	20.41	3.02	10	114	0.14	E
C2A	20200203	Cloudy	Moderate	Mid-Ebb	B	11.2	18:32	8.9	8.03	32.11	20.23	3.47	10	114	0.247	SE
C2A	20200203	Cloudy	Moderate	Mid-Ebb	B	11.2	18:32	9.34	8.05	32.6	20.04	3.77	9	115	0.18	SE
C2A	20200203	Cloudy	Moderate	Mid-Ebb	M	6.1	18:33	9.24	8.01	32.27	20.15	3.35	8	114	0.228	E
C2A	20200203	Cloudy	Moderate	Mid-Ebb	M	6.1	18:33	9.32	8.18	32.06	20.08	3.05	7	114	0.206	SE
C2A	20200203	Cloudy	Moderate	Mid-Ebb	S	1	18:34	9.39	8.18	32.59	19.99	3.32	8	114	0.175	SE
C2A	20200203	Cloudy	Moderate	Mid-Ebb	S	1	18:34	9.35	7.99	32.08	20.12	3.38	8	114	0.134	SE
CR1	20200203	Cloudy	Moderate	Mid-Ebb	B	11.6	18:08	9.33	7.97	32.01	20.01	3.47	7	114	0.13	SE
CR1	20200203	Cloudy	Moderate	Mid-Ebb	B	11.6	18:08	9.35	8	32.31	20.05	3.74	7	114	0.22	E
CR1	20200203	Cloudy	Moderate	Mid-Ebb	M	6.3	18:09	9.2	7.98	32.27	19.99	3.27	8	114	0.121	SE
CR1	20200203	Cloudy	Moderate	Mid-Ebb	M	6.3	18:09	9.34	8.17	32.11	20.05	3.1	7	114	0.222	SE
CR1	20200203	Cloudy	Moderate	Mid-Ebb	S	1	18:10	9.22	8.16	32.17	20.03	3.15	5	115	0.168	SE
CR1	20200203	Cloudy	Moderate	Mid-Ebb	S	1	18:10	9.01	7.97	32.55	20.16	3	6	114	0.182	SE
CR2	20200203	Cloudy	Moderate	Mid-Ebb	B	10.5	17:38	9.07	7.97	32.43	20.09	3.79	5	114	0.201	SE
CR2	20200203	Cloudy	Moderate	Mid-Ebb	B	10.5	17:38	9.02	8.1	32.01	20.26	3.69	6	114	0.252	SE
CR2	20200203	Cloudy	Moderate	Mid-Ebb	M	5.75	17:39	9.09	8.18	32.1	20.08	2.91	6	114	0.121	SE
CR2	20200203	Cloudy	Moderate	Mid-Ebb	M	5.75	17:39	8.87	8	32.26	20.02	3.37	7	114	0.154	SE

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CR2	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:40	9.16	8.15	32.6	20.04	3.06	7	114	0.158	SE
CR2	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:40	9.33	7.97	32.59	20.05	3	8	114	0.192	E
F1A	20200203	Cloudy	Moderate	Mid-Ebb	B	7.9	17:46	8.94	8	32.13	20.08	3.48	8	114	0.175	SE
F1A	20200203	Cloudy	Moderate	Mid-Ebb	B	7.9	17:46	9.38	8.03	32.6	20.22	3.77	8	114	0.228	SE
F1A	20200203	Cloudy	Moderate	Mid-Ebb	M	4.45	17:47	8.94	7.96	32.07	20.19	3.48	9	114	0.155	SE
F1A	20200203	Cloudy	Moderate	Mid-Ebb	M	4.45	17:47	9.02	8.19	32.55	20.2	3.4	8	114	0.123	E
F1A	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:48	8.92	7.99	32.29	20.18	3.17	11	115	0.137	E
F1A	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:48	9.43	7.97	32.57	20.16	3.39	12	114	0.198	SE
H1	20200203	Cloudy	Moderate	Mid-Ebb	B	7.8	17:12	8.91	8.16	32.56	20.29	3.62	12	114	0.183	SE
H1	20200203	Cloudy	Moderate	Mid-Ebb	B	7.8	17:12	9.33	8.02	32.39	20.26	3.54	12	114	0.19	SE
H1	20200203	Cloudy	Moderate	Mid-Ebb	M	4.4	17:13	9.27	8.05	32.11	20.13	3.32	12	115	0.199	E
H1	20200203	Cloudy	Moderate	Mid-Ebb	M	4.4	17:13	9.19	8.06	32.03	20.31	3.06	11	115	0.162	SE
H1	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:14	8.87	8.15	32.37	20.35	2.94	9	114	0.151	E
H1	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:14	8.86	8.02	32.36	20.18	3.17	10	114	0.206	E
M1	20200203	Cloudy	Moderate	Mid-Ebb	B	8.2	18:03	8.92	8.02	32.42	20.12	3.8	10	114	0.14	SE
M1	20200203	Cloudy	Moderate	Mid-Ebb	B	8.2	18:03	8.94	8.09	32.09	20.25	3.55	9	114	0.152	E
M1	20200203	Cloudy	Moderate	Mid-Ebb	M	4.6	18:04	9.15	8.11	32.5	20.03	3.09	9	114	0.133	SE
M1	20200203	Cloudy	Moderate	Mid-Ebb	M	4.6	18:04	8.97	8.07	32.13	20.13	3.34	8	114	0.204	SE
M1	20200203	Cloudy	Moderate	Mid-Ebb	S	1	18:05	8.98	8.07	32.13	20.25	3.38	8	114	0.205	SE
M1	20200203	Cloudy	Moderate	Mid-Ebb	S	1	18:05	8.96	8.19	32.45	20.07	3.2	8	114	0.218	E
S1	20200203	Cloudy	Moderate	Mid-Ebb	B	4.5	16:50	8.96	7.99	32.51	20.32	3.46	9	115	0.163	E
S1	20200203	Cloudy	Moderate	Mid-Ebb	B	4.5	16:50	9.45	8.17	32.01	20.37	3.43	8	114	0.148	SE
S1	20200203	Cloudy	Moderate	Mid-Ebb	S	1	16:51	9.23	8.04	32.5	20.2	3.36	8	114	0.168	SE
S1	20200203	Cloudy	Moderate	Mid-Ebb	S	1	16:51	9.18	8.07	32.01	20.16	3.07	8	114	0.198	SE
S2A	20200203	Cloudy	Moderate	Mid-Ebb	B	7.9	17:08	9.44	7.96	32.22	20.1	3.43	9	114	0.223	SE
S2A	20200203	Cloudy	Moderate	Mid-Ebb	B	7.9	17:08	9.28	7.97	32.34	20.29	3.55	8	115	0.188	SE
S2A	20200203	Cloudy	Moderate	Mid-Ebb	M	4.45	17:09	8.86	8.01	32.01	20.41	3.19	8	115	0.15	SE
S2A	20200203	Cloudy	Moderate	Mid-Ebb	M	4.45	17:09	9.35	8.01	32.34	20.28	2.89	9	114	0.131	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	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:10	9.21	7.96	32.24	20.18	3.34	11	114	0.179	SE
S2A	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:10	8.95	8.16	32.32	20.12	2.92	10	113	0.12	SE
S3	20200203	Cloudy	Moderate	Mid-Ebb	B	9.7	17:51	9.1	7.98	32.58	20.24	4.07	7	114	0.121	SE
S3	20200203	Cloudy	Moderate	Mid-Ebb	B	9.7	17:51	9.29	8.09	32.14	20.13	3.69	8	114	0.134	E
S3	20200203	Cloudy	Moderate	Mid-Ebb	M	5.35	17:52	9.34	8.1	32.28	20.19	3	8	114	0.156	SE
S3	20200203	Cloudy	Moderate	Mid-Ebb	M	5.35	17:52	9.24	8.03	32.08	20.15	3.3	7	114	0.252	SE
S3	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:53	8.87	8.15	32.49	20.11	3.51	9	114	0.173	E
S3	20200203	Cloudy	Moderate	Mid-Ebb	S	1	17:53	9.1	8.02	32.57	20.19	3.22	8	115	0.231	SE
B1	20200205	Cloudy	Moderate	Mid-Ebb	B	4.2	10:28	8.94	7.98	31.48	20.8	3.69	8	114	0.196	SE
B1	20200205	Cloudy	Moderate	Mid-Ebb	B	4.2	10:28	8.69	8.09	31.49	20.92	3.99	9	113	0.219	SE
B1	20200205	Cloudy	Moderate	Mid-Ebb	S	1	10:29	9.55	8.23	31.42	20.94	3.4	7	114	0.168	E
B1	20200205	Cloudy	Moderate	Mid-Ebb	S	1	10:29	8.82	8.03	31.62	20.95	3.59	7	114	0.182	SE
B2	20200205	Cloudy	Moderate	Mid-Ebb	B	4.8	10:11	9.3	8.19	31.4	20.9	3.75	6	114	0.165	SE
B2	20200205	Cloudy	Moderate	Mid-Ebb	B	4.8	10:11	9.12	8.17	31.31	20.94	3.88	7	113	0.207	SE
B2	20200205	Cloudy	Moderate	Mid-Ebb	S	1	10:12	9.34	8.23	31.52	20.95	3.26	6	114	0.14	SE
B2	20200205	Cloudy	Moderate	Mid-Ebb	S	1	10:12	8.92	7.96	31.48	20.98	3.47	6	113	0.242	SE
B3	20200205	Cloudy	Moderate	Mid-Ebb	B	4.3	9:54	8.73	8.24	31.44	20.9	3.77	6	114	0.15	E
B3	20200205	Cloudy	Moderate	Mid-Ebb	B	4.3	9:54	9.33	8.11	31.5	20.76	4.13	6	114	0.146	SE
B3	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:55	9.53	8.23	31.44	20.94	3.1	7	114	0.229	SE
B3	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:55	8.94	8.06	31.68	20.83	3.09	7	114	0.119	E
B4	20200205	Cloudy	Moderate	Mid-Ebb	B	3.4	9:46	8.97	7.96	31.47	20.91	3.66	7	113	0.14	SE
B4	20200205	Cloudy	Moderate	Mid-Ebb	B	3.4	9:46	9.46	7.96	31.34	20.8	3.88	6	114	0.162	SE
B4	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:47	9.16	7.97	31.46	20.82	3.56	6	114	0.175	SE
B4	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:47	9.51	8.07	31.49	20.79	3.22	7	113	0.142	SE
C1A	20200205	Cloudy	Moderate	Mid-Ebb	B	8.4	8:00	8.82	8	31.31	20.86	3.87	2	114	0.197	SE
C1A	20200205	Cloudy	Moderate	Mid-Ebb	B	8.4	8:00	8.88	8.16	31.34	20.85	3.91	3	113	0.193	SE
C1A	20200205	Cloudy	Moderate	Mid-Ebb	M	4.7	8:01	9.26	8.07	31.61	20.8	3.47	<2	113	0.147	SE
C1A	20200205	Cloudy	Moderate	Mid-Ebb	M	4.7	8:01	9.21	8.08	31.36	20.9	3.28	<2	113	0.195	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	20200205	Cloudy	Moderate	Mid-Ebb	S	1	8:02	9.15	8.24	31.59	20.77	3.12	<2	114	0.184	SE
C1A	20200205	Cloudy	Moderate	Mid-Ebb	S	1	8:02	9.2	8.08	31.6	20.74	3.22	3	113	0.165	SE
C2A	20200205	Cloudy	Moderate	Mid-Ebb	B	10.3	9:54	8.9	7.97	31.35	20.91	3.85	2	113	0.21	SE
C2A	20200205	Cloudy	Moderate	Mid-Ebb	B	10.3	9:54	8.83	8.16	31.7	20.83	3.61	<2	113	0.145	SE
C2A	20200205	Cloudy	Moderate	Mid-Ebb	M	5.65	9:55	9.27	8.19	31.69	20.84	3.39	2	114	0.141	SE
C2A	20200205	Cloudy	Moderate	Mid-Ebb	M	5.65	9:55	9.18	7.98	31.64	20.87	3.35	2	113	0.227	SE
C2A	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:56	8.78	8	31.4	20.87	3.35	<2	113	0.207	SE
C2A	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:56	9.62	8.17	31.42	20.91	3.45	3	113	0.152	SE
CR1	20200205	Cloudy	Moderate	Mid-Ebb	B	11.5	9:28	9.08	8.12	31.65	20.79	3.65	5	113	0.196	E
CR1	20200205	Cloudy	Moderate	Mid-Ebb	B	11.5	9:28	8.71	8.07	31.5	20.76	3.98	4	113	0.121	SE
CR1	20200205	Cloudy	Moderate	Mid-Ebb	M	6.25	9:29	9.26	8.21	31.63	20.81	3.54	4	113	0.135	SE
CR1	20200205	Cloudy	Moderate	Mid-Ebb	M	6.25	9:29	8.84	8.1	31.32	20.83	3.34	4	114	0.19	SE
CR1	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:30	8.77	7.97	31.7	20.89	3.3	4	113	0.127	SE
CR1	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:30	9.36	7.96	31.55	20.85	3.44	5	113	0.227	SE
CR2	20200205	Cloudy	Moderate	Mid-Ebb	B	11.1	8:57	9.13	8.05	31.66	20.74	3.6	3	114	0.225	SE
CR2	20200205	Cloudy	Moderate	Mid-Ebb	B	11.1	8:57	9.07	8	31.43	20.82	3.93	4	113	0.251	E
CR2	20200205	Cloudy	Moderate	Mid-Ebb	M	6.05	8:58	8.86	8.13	31.56	20.78	3.11	4	113	0.238	SE
CR2	20200205	Cloudy	Moderate	Mid-Ebb	M	6.05	8:58	9.31	8.14	31.62	20.76	3.44	4	113	0.129	SE
CR2	20200205	Cloudy	Moderate	Mid-Ebb	S	1	8:59	8.64	8.16	31.64	20.75	3.07	4	113	0.13	SE
CR2	20200205	Cloudy	Moderate	Mid-Ebb	S	1	8:59	8.82	8.01	31.45	20.9	3.4	5	114	0.202	SE
F1A	20200205	Cloudy	Moderate	Mid-Ebb	B	7.8	9:22	8.77	8.21	31.41	20.84	3.75	3	114	0.121	E
F1A	20200205	Cloudy	Moderate	Mid-Ebb	B	7.8	9:22	8.76	8.03	31.68	20.82	4	2	113	0.239	SE
F1A	20200205	Cloudy	Moderate	Mid-Ebb	M	4.4	9:23	9.06	8.23	31.38	20.91	3.48	3	114	0.158	SE
F1A	20200205	Cloudy	Moderate	Mid-Ebb	M	4.4	9:23	9.38	8.23	31.65	20.86	3.04	2	113	0.191	SE
F1A	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:24	8.88	8.06	31.33	20.77	3.45	<2	113	0.153	SE
F1A	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:24	9.34	8.02	31.38	20.75	3.22	<2	113	0.174	SE
H1	20200205	Cloudy	Moderate	Mid-Ebb	B	7.5	8:36	8.65	8.08	31.39	20.78	3.96	7	114	0.165	SE
H1	20200205	Cloudy	Moderate	Mid-Ebb	B	7.5	8:36	9.52	8.15	31.51	20.83	4.13	6	114	0.16	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	20200205	Cloudy	Moderate	Mid-Ebb	M	4.25	8:37	8.83	8.14	31.5	20.78	3.04	7	114	0.142	SE
H1	20200205	Cloudy	Moderate	Mid-Ebb	M	4.25	8:37	8.88	8.07	31.49	20.78	3.61	7	114	0.137	SE
H1	20200205	Cloudy	Moderate	Mid-Ebb	S	1	8:38	9.03	8.12	31.64	20.86	3.44	6	114	0.163	SE
H1	20200205	Cloudy	Moderate	Mid-Ebb	S	1	8:38	9.34	8.2	31.55	20.82	3.46	6	115	0.139	SE
M1	20200205	Cloudy	Moderate	Mid-Ebb	B	8	9:01	8.98	7.99	31.42	20.76	3.7	2	114	0.186	SE
M1	20200205	Cloudy	Moderate	Mid-Ebb	B	8	9:01	9.37	8.1	31.55	20.73	3.92	<2	114	0.16	SE
M1	20200205	Cloudy	Moderate	Mid-Ebb	M	4.5	9:02	9.37	8.15	31.45	20.76	3.47	4	113	0.223	E
M1	20200205	Cloudy	Moderate	Mid-Ebb	M	4.5	9:02	9.62	8.24	31.31	20.94	3.14	3	113	0.245	SE
M1	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:03	9.5	8.19	31.33	20.86	3.42	3	113	0.135	E
M1	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:03	9.63	8.05	31.41	20.89	3.39	2	113	0.204	E
S1	20200205	Cloudy	Moderate	Mid-Ebb	B	4.5	10:20	9.43	8.06	31.38	20.99	3.85	<2	113	0.219	SE
S1	20200205	Cloudy	Moderate	Mid-Ebb	B	4.5	10:20	9.14	7.97	31.33	20.93	3.65	2	113	0.116	E
S1	20200205	Cloudy	Moderate	Mid-Ebb	S	1	10:21	8.78	7.98	31.32	20.99	3.32	2	114	0.166	SE
S1	20200205	Cloudy	Moderate	Mid-Ebb	S	1	10:21	9.16	7.97	31.54	20.87	3.34	<2	114	0.216	SE
S2A	20200205	Cloudy	Moderate	Mid-Ebb	B	7.8	10:39	9.59	8.12	31.49	20.82	3.95	4	113	0.129	SE
S2A	20200205	Cloudy	Moderate	Mid-Ebb	B	7.8	10:39	9.09	8.14	31.68	20.82	3.96	5	114	0.233	SE
S2A	20200205	Cloudy	Moderate	Mid-Ebb	M	4.4	10:40	9.33	8.17	31.49	20.81	3.55	4	114	0.178	E
S2A	20200205	Cloudy	Moderate	Mid-Ebb	M	4.4	10:40	9.61	8.07	31.43	20.94	3.59	4	114	0.201	SE
S2A	20200205	Cloudy	Moderate	Mid-Ebb	S	1	10:41	8.78	8.05	31.56	20.93	3.04	3	114	0.199	E
S2A	20200205	Cloudy	Moderate	Mid-Ebb	S	1	10:41	9.21	8.08	31.55	20.87	3.45	4	114	0.182	SE
S3	20200205	Cloudy	Moderate	Mid-Ebb	B	9.3	9:10	8.8	7.97	31.57	20.76	4.14	4	114	0.14	SE
S3	20200205	Cloudy	Moderate	Mid-Ebb	B	9.3	9:10	8.88	8.24	31.57	20.83	3.97	4	113	0.249	SE
S3	20200205	Cloudy	Moderate	Mid-Ebb	M	5.15	9:11	9.26	7.96	31.67	20.91	3.53	4	114	0.193	E
S3	20200205	Cloudy	Moderate	Mid-Ebb	M	5.15	9:11	9.03	8.06	31.37	20.78	3.55	4	113	0.206	SE
S3	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:12	8.98	8.02	31.48	20.87	3.12	3	114	0.141	SE
S3	20200205	Cloudy	Moderate	Mid-Ebb	S	1	9:12	9.21	8.21	31.37	20.89	3.43	3	113	0.25	SE
B1	20200205	Cloudy	Moderate	Mid-Flood	B	3.8	13:24	8.31	8.07	31.54	21.21	4.16	4	114	0.217	W
B1	20200205	Cloudy	Moderate	Mid-Flood	B	3.8	13:24	8.25	8.22	31.24	21.27	4.35	4	114	0.169	W

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	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:25	8.41	8.19	31.72	21.3	3.71	5	115	0.204	W
B1	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:25	8.37	8.16	31.44	21.25	3.42	5	114	0.189	W
B2	20200205	Cloudy	Moderate	Mid-Flood	B	3.5	13:44	8.71	8.06	31.51	21.16	4.03	5	114	0.227	NW
B2	20200205	Cloudy	Moderate	Mid-Flood	B	3.5	13:44	8.67	8.19	31.4	21.18	4.16	4	114	0.236	W
B2	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:45	8.89	8.12	31.38	21.01	3.61	6	114	0.245	W
B2	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:45	8.28	8.21	31.24	21.02	3.74	4	115	0.238	NW
B3	20200205	Cloudy	Moderate	Mid-Flood	B	3.3	14:05	9.28	8.13	31.34	20.98	4.22	5	114	0.181	W
B3	20200205	Cloudy	Moderate	Mid-Flood	B	3.3	14:05	8.84	8.21	31.27	20.95	4.39	5	115	0.271	NW
B3	20200205	Cloudy	Moderate	Mid-Flood	S	1	14:06	8.92	8.2	31.33	20.99	3.41	5	114	0.188	NW
B3	20200205	Cloudy	Moderate	Mid-Flood	S	1	14:06	8.65	8.08	31.66	21.12	3.8	4	115	0.247	W
B4	20200205	Cloudy	Moderate	Mid-Flood	B	4.4	14:12	9.34	8.09	31.4	21.12	4.09	5	115	0.192	W
B4	20200205	Cloudy	Moderate	Mid-Flood	B	4.4	14:12	8.41	8.23	31.34	21.07	4.39	5	113	0.237	W
B4	20200205	Cloudy	Moderate	Mid-Flood	S	1	14:13	9.42	8.11	31.2	20.97	3.79	4	114	0.264	W
B4	20200205	Cloudy	Moderate	Mid-Flood	S	1	14:13	8.99	8.18	31.6	21.06	3.44	4	114	0.282	NW
C1A	20200205	Cloudy	Moderate	Mid-Flood	B	9.6	14:09	9.41	8.17	31.61	20.95	4.1	4	114	0.224	NW
C1A	20200205	Cloudy	Moderate	Mid-Flood	B	9.6	14:09	8.31	8.13	31.6	21.02	3.91	4	115	0.181	W
C1A	20200205	Cloudy	Moderate	Mid-Flood	M	5.3	14:10	9.23	8.15	31.56	20.97	3.52	5	114	0.237	W
C1A	20200205	Cloudy	Moderate	Mid-Flood	M	5.3	14:10	8.32	8.19	31.48	20.97	3.52	4	114	0.169	NW
C1A	20200205	Cloudy	Moderate	Mid-Flood	S	1	14:11	8.27	8.1	31.24	21.17	3.65	4	115	0.258	NW
C1A	20200205	Cloudy	Moderate	Mid-Flood	S	1	14:11	8.53	8.2	31.51	21.17	3.72	5	114	0.173	W
C2A	20200205	Cloudy	Moderate	Mid-Flood	B	10.4	12:43	8.64	8.1	31.28	21.13	3.98	3	114	0.194	W
C2A	20200205	Cloudy	Moderate	Mid-Flood	B	10.4	12:43	9.07	8.07	31.54	21.26	3.85	4	115	0.255	W
C2A	20200205	Cloudy	Moderate	Mid-Flood	M	5.7	12:44	8.95	8.08	31.59	21.19	3.92	6	114	0.243	NW
C2A	20200205	Cloudy	Moderate	Mid-Flood	M	5.7	12:44	9.39	8.15	31.26	21.2	3.69	5	114	0.196	W
C2A	20200205	Cloudy	Moderate	Mid-Flood	S	1	12:45	8.9	8.06	31.33	21.22	3.34	7	115	0.26	NW
C2A	20200205	Cloudy	Moderate	Mid-Flood	S	1	12:45	9.23	8.12	31.53	21.3	3.66	6	114	0.282	W
CR1	20200205	Cloudy	Moderate	Mid-Flood	B	11.8	13:10	9.34	8.11	31.5	21.25	4.25	6	114	0.216	W
CR1	20200205	Cloudy	Moderate	Mid-Flood	B	11.8	13:10	8.73	8.19	31.38	21.25	3.89	6	115	0.228	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	20200205	Cloudy	Moderate	Mid-Flood	M	6.4	13:11	8.79	8.08	31.36	21.14	3.78	6	114	0.236	NW
CR1	20200205	Cloudy	Moderate	Mid-Flood	M	6.4	13:11	8.37	8.07	31.39	21.3	4.01	7	114	0.193	W
CR1	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:12	8.34	8.1	31.59	21.26	3.51	6	114	0.275	W
CR1	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:12	8.9	8.23	31.63	21.2	3.47	7	115	0.259	NW
CR2	20200205	Cloudy	Moderate	Mid-Flood	B	10.4	13:34	8.76	8.21	31.74	21.17	3.79	6	115	0.202	NW
CR2	20200205	Cloudy	Moderate	Mid-Flood	B	10.4	13:34	9.46	8.21	31.74	21.23	3.98	5	115	0.255	NW
CR2	20200205	Cloudy	Moderate	Mid-Flood	M	5.7	13:35	9.29	8.16	31.62	21.08	3.56	5	115	0.239	W
CR2	20200205	Cloudy	Moderate	Mid-Flood	M	5.7	13:35	9.06	8.09	31.31	21.09	3.48	5	115	0.238	W
CR2	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:36	8.82	8.09	31.29	21.24	3.69	6	114	0.25	W
CR2	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:36	9.14	8.19	31.65	21.18	3.71	5	115	0.23	W
F1A	20200205	Cloudy	Moderate	Mid-Flood	B	7.1	14:34	8.43	8.19	31.23	20.92	4.22	3	114	0.265	NW
F1A	20200205	Cloudy	Moderate	Mid-Flood	B	7.1	14:34	9.03	8.1	31.58	20.98	4.33	3	114	0.22	W
F1A	20200205	Cloudy	Moderate	Mid-Flood	M	4.05	14:35	8.79	8.06	31.55	20.94	3.89	3	114	0.232	W
F1A	20200205	Cloudy	Moderate	Mid-Flood	M	4.05	14:35	8.35	8.14	31.75	21.09	3.63	3	114	0.207	W
F1A	20200205	Cloudy	Moderate	Mid-Flood	S	1	14:36	9.01	8.09	31.55	21.09	3.35	3	115	0.272	W
F1A	20200205	Cloudy	Moderate	Mid-Flood	S	1	14:36	8.78	8.21	31.55	21.04	3.56	4	114	0.24	W
H1	20200205	Cloudy	Moderate	Mid-Flood	B	6.5	14:51	9	8.09	31.43	21.05	3.89	5	114	0.185	W
H1	20200205	Cloudy	Moderate	Mid-Flood	B	6.5	14:51	9.38	8.1	31.65	20.99	4.09	5	115	0.275	W
H1	20200205	Cloudy	Moderate	Mid-Flood	M	3.75	14:52	8.25	8.11	31.75	21	3.7	4	115	0.271	W
H1	20200205	Cloudy	Moderate	Mid-Flood	M	3.75	14:52	8.99	8.11	31.48	21.05	3.79	5	113	0.265	W
H1	20200205	Cloudy	Moderate	Mid-Flood	S	1	14:53	9.26	8.16	31.64	20.98	3.75	4	114	0.179	W
H1	20200205	Cloudy	Moderate	Mid-Flood	S	1	14:53	8.32	8.2	31.43	20.94	3.51	5	115	0.277	NW
M1	20200205	Cloudy	Moderate	Mid-Flood	B	7.5	14:57	8.87	8.1	31.58	20.93	4.35	6	114	0.238	W
M1	20200205	Cloudy	Moderate	Mid-Flood	B	7.5	14:57	9.02	8.08	31.55	20.94	3.82	7	114	0.254	W
M1	20200205	Cloudy	Moderate	Mid-Flood	M	4.25	14:58	9.13	8.07	31.51	21.12	3.77	5	115	0.168	W
M1	20200205	Cloudy	Moderate	Mid-Flood	M	4.25	14:58	8.67	8.06	31.71	21.02	3.81	6	115	0.218	W
M1	20200205	Cloudy	Moderate	Mid-Flood	S	1	14:59	9.24	8.18	31.26	20.92	3.74	5	114	0.213	W
M1	20200205	Cloudy	Moderate	Mid-Flood	S	1	14:59	9.37	8.18	31.26	21.04	3.39	6	114	0.277	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S1	20200205	Cloudy	Moderate	Mid-Flood	B	4.5	13:34	9.39	8.14	31.42	21.13	4.33	4	115	0.247	W
S1	20200205	Cloudy	Moderate	Mid-Flood	B	4.5	13:34	9.12	8.17	31.21	21.15	3.97	3	114	0.196	W
S1	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:35	9.32	8.22	31.44	21.15	3.65	4	115	0.255	W
S1	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:35	8.56	8.22	31.29	21.19	3.42	4	115	0.227	W
S2A	20200205	Cloudy	Moderate	Mid-Flood	B	8.2	13:10	9.25	8.18	31.36	21.24	4.29	4	115	0.229	W
S2A	20200205	Cloudy	Moderate	Mid-Flood	B	8.2	13:10	9.41	8.23	31.42	21.13	4.01	4	114	0.242	W
S2A	20200205	Cloudy	Moderate	Mid-Flood	M	4.6	13:11	8.49	8.16	31.45	21.2	3.53	4	114	0.28	W
S2A	20200205	Cloudy	Moderate	Mid-Flood	M	4.6	13:11	8.61	8.1	31.31	21.3	3.57	3	115	0.205	W
S2A	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:12	9.49	8.13	31.74	21.26	3.6	4	115	0.21	W
S2A	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:12	8.68	8.09	31.52	21.21	3.67	3	115	0.232	NW
S3	20200205	Cloudy	Moderate	Mid-Flood	B	8.6	13:47	8.38	8.05	31.66	21.08	3.95	5	114	0.254	W
S3	20200205	Cloudy	Moderate	Mid-Flood	B	8.6	13:47	8.61	8.09	31.24	21.13	4.16	6	115	0.233	W
S3	20200205	Cloudy	Moderate	Mid-Flood	M	4.8	13:48	8.5	8.09	31.26	21.2	3.53	7	115	0.174	NW
S3	20200205	Cloudy	Moderate	Mid-Flood	M	4.8	13:48	8.48	8.13	31.56	21.08	3.78	8	115	0.187	W
S3	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:49	8.93	8.23	31.6	21.15	3.63	7	115	0.174	W
S3	20200205	Cloudy	Moderate	Mid-Flood	S	1	13:49	8.88	8.22	31.58	21.06	3.8	8	115	0.258	W
B1	20200207	Cloudy	Moderate	Mid-Ebb	B	3.8	11:25	8.65	8.17	32.31	20.77	4.06	6	114	0.125	E
B1	20200207	Cloudy	Moderate	Mid-Ebb	B	3.8	11:25	8.65	8.14	32.42	20.77	3.98	7	114	0.214	SE
B1	20200207	Cloudy	Moderate	Mid-Ebb	S	1	11:26	8.35	8.01	32.3	20.5	3.83	4	114	0.19	SE
B1	20200207	Cloudy	Moderate	Mid-Ebb	S	1	11:26	8.62	8.13	32.38	20.51	3.85	5	114	0.127	SE
B2	20200207	Cloudy	Moderate	Mid-Ebb	B	4	11:43	8.67	8.2	32.39	20.5	4.21	5	114	0.224	SE
B2	20200207	Cloudy	Moderate	Mid-Ebb	B	4	11:43	8.69	8.17	32.54	20.77	4.19	4	114	0.157	SE
B2	20200207	Cloudy	Moderate	Mid-Ebb	S	1	11:44	8.38	8	32.39	20.61	3.53	4	114	0.126	E
B2	20200207	Cloudy	Moderate	Mid-Ebb	S	1	11:44	8.36	7.99	32.36	20.63	3.47	5	114	0.217	SE
B3	20200207	Cloudy	Moderate	Mid-Ebb	B	4.3	10:57	8.52	8.13	32.3	20.61	4.59	5	113	0.156	E
B3	20200207	Cloudy	Moderate	Mid-Ebb	B	4.3	10:57	8.77	8.14	32.41	20.53	4.6	5	113	0.192	SE
B3	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:58	8.42	8.12	32.49	20.63	3.93	6	114	0.184	SE
B3	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:58	8.39	8.14	32.34	20.41	3.46	5	114	0.204	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	20200207	Cloudy	Moderate	Mid-Ebb	B	3.4	10:50	8.47	8.14	32.41	20.6	4.59	6	114	0.152	E
B4	20200207	Cloudy	Moderate	Mid-Ebb	B	3.4	10:50	8.25	8.04	32.37	20.54	4.4	5	114	0.203	E
B4	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:51	8.33	8.09	32.38	20.67	3.92	6	114	0.121	E
B4	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:51	8.24	8.13	32.49	20.43	3.71	6	113	0.138	E
C1A	20200207	Cloudy	Moderate	Mid-Ebb	B	9.2	9:39	8.54	8.15	32.3	20.51	4.53	7	114	0.128	SE
C1A	20200207	Cloudy	Moderate	Mid-Ebb	B	9.2	9:39	8.7	8.04	32.34	20.6	4.14	7	114	0.203	E
C1A	20200207	Cloudy	Moderate	Mid-Ebb	M	5.1	9:40	8.65	7.97	32.42	20.67	3.63	6	114	0.225	SE
C1A	20200207	Cloudy	Moderate	Mid-Ebb	M	5.1	9:40	8.24	8.11	32.33	20.56	3.8	6	114	0.126	SE
C1A	20200207	Cloudy	Moderate	Mid-Ebb	S	1	9:41	8.35	8.19	32.42	20.7	3.71	4	116	0.186	SE
C1A	20200207	Cloudy	Moderate	Mid-Ebb	S	1	9:41	8.35	8.19	32.38	20.7	3.66	4	114	0.192	SE
C2A	20200207	Cloudy	Moderate	Mid-Ebb	B	11.2	11:30	8.49	8.11	32.5	20.73	4.43	5	114	0.128	SE
C2A	20200207	Cloudy	Moderate	Mid-Ebb	B	11.2	11:30	8.48	8.08	32.56	20.59	4	4	114	0.151	SE
C2A	20200207	Cloudy	Moderate	Mid-Ebb	M	6.1	11:31	8.67	8	32.35	20.69	3.79	4	115	0.237	SE
C2A	20200207	Cloudy	Moderate	Mid-Ebb	M	6.1	11:31	8.86	8.15	32.43	20.62	3.65	4	114	0.213	SE
C2A	20200207	Cloudy	Moderate	Mid-Ebb	S	1	11:32	8.37	7.98	32.45	20.74	3.91	4	114	0.18	E
C2A	20200207	Cloudy	Moderate	Mid-Ebb	S	1	11:32	8.62	8	32.39	20.64	3.87	4	114	0.209	SE
CR1	20200207	Cloudy	Moderate	Mid-Ebb	B	12.2	11:07	8.5	8.08	32.4	20.74	4.41	4	114	0.241	SE
CR1	20200207	Cloudy	Moderate	Mid-Ebb	B	12.2	11:07	8.74	8	32.34	20.6	4.25	5	114	0.124	SE
CR1	20200207	Cloudy	Moderate	Mid-Ebb	M	6.6	11:08	8.77	7.97	32.39	20.51	3.77	4	114	0.182	E
CR1	20200207	Cloudy	Moderate	Mid-Ebb	M	6.6	11:08	8.47	8.1	32.46	20.45	3.99	4	114	0.198	E
CR1	20200207	Cloudy	Moderate	Mid-Ebb	S	1	11:09	8.87	8.1	32.4	20.55	3.92	4	114	0.249	SE
CR1	20200207	Cloudy	Moderate	Mid-Ebb	S	1	11:09	8.74	7.96	32.52	20.48	3.42	2	114	0.164	E
CR2	20200207	Cloudy	Moderate	Mid-Ebb	B	9.9	10:34	8.48	8.13	32.48	20.54	4.14	4	114	0.168	SE
CR2	20200207	Cloudy	Moderate	Mid-Ebb	B	9.9	10:34	8.81	8.05	32.53	20.64	3.97	4	115	0.157	SE
CR2	20200207	Cloudy	Moderate	Mid-Ebb	M	5.45	10:35	8.82	8	32.49	20.57	3.56	4	114	0.226	SE
CR2	20200207	Cloudy	Moderate	Mid-Ebb	M	5.45	10:35	8.38	8.18	32.37	20.6	3.83	3	113	0.128	E
CR2	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:36	8.76	8	32.31	20.57	3.73	4	114	0.174	SE
CR2	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:36	8.88	8	32.31	20.67	3.59	3	114	0.127	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	20200207	Cloudy	Moderate	Mid-Ebb	B	8.2	10:27	8.32	7.98	32.41	20.5	4.32	5	113	0.132	SE
F1A	20200207	Cloudy	Moderate	Mid-Ebb	B	8.2	10:27	8.45	7.98	32.32	20.44	4.21	4	114	0.204	E
F1A	20200207	Cloudy	Moderate	Mid-Ebb	M	4.6	10:28	8.62	8.17	32.49	20.55	3.78	4	114	0.205	E
F1A	20200207	Cloudy	Moderate	Mid-Ebb	M	4.6	10:28	8.53	8.13	32.37	20.57	4.01	4	114	0.145	SE
F1A	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:29	8.6	7.97	32.3	20.6	3.48	4	114	0.16	SE
F1A	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:29	8.49	8.06	32.43	20.63	3.91	3	114	0.121	SE
H1	20200207	Cloudy	Moderate	Mid-Ebb	B	7.3	10:14	8.26	8.09	32.39	20.46	4.46	6	113	0.215	SE
H1	20200207	Cloudy	Moderate	Mid-Ebb	B	7.3	10:14	8.51	8.12	32.49	20.5	4.11	5	113	0.15	SE
H1	20200207	Cloudy	Moderate	Mid-Ebb	M	4.15	10:15	8.62	8.15	32.53	20.44	3.94	5	113	0.133	E
H1	20200207	Cloudy	Moderate	Mid-Ebb	M	4.15	10:15	8.29	8.05	32.35	20.55	3.78	6	114	0.168	SE
H1	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:16	8.4	8.19	32.41	20.62	3.95	7	113	0.192	SE
H1	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:16	8.69	8.17	32.3	20.51	4	8	113	0.127	SE
M1	20200207	Cloudy	Moderate	Mid-Ebb	B	8	10:06	8.36	8.06	32.56	20.42	4.33	4	113	0.191	E
M1	20200207	Cloudy	Moderate	Mid-Ebb	B	8	10:06	8.72	8.17	32.41	20.69	3.96	3	114	0.176	SE
M1	20200207	Cloudy	Moderate	Mid-Ebb	M	4.5	10:07	8.42	8.2	32.5	20.62	3.58	4	113	0.2	SE
M1	20200207	Cloudy	Moderate	Mid-Ebb	M	4.5	10:07	8.71	8.13	32.49	20.45	3.98	4	114	0.239	E
M1	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:08	8.88	8.08	32.4	20.42	3.74	5	114	0.132	SE
M1	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:08	8.72	8.19	32.45	20.63	3.42	4	113	0.206	SE
S1	20200207	Cloudy	Moderate	Mid-Ebb	B	4.1	11:34	8.78	8.19	32.48	20.49	4.33	2	114	0.216	E
S1	20200207	Cloudy	Moderate	Mid-Ebb	B	4.1	11:34	8.86	8.11	32.4	20.78	4.45	2	114	0.149	E
S1	20200207	Cloudy	Moderate	Mid-Ebb	S	1	11:35	8.67	8.1	32.53	20.69	3.69	4	114	0.118	SE
S1	20200207	Cloudy	Moderate	Mid-Ebb	S	1	11:35	8.64	8.12	32.55	20.58	3.92	3	114	0.222	SE
S2A	20200207	Cloudy	Moderate	Mid-Ebb	B	8.5	11:11	8.35	8.13	32.44	20.67	3.96	4	114	0.147	E
S2A	20200207	Cloudy	Moderate	Mid-Ebb	B	8.5	11:11	8.8	8	32.38	20.64	4.07	3	114	0.142	E
S2A	20200207	Cloudy	Moderate	Mid-Ebb	M	4.75	11:12	8.34	7.97	32.39	20.53	4	4	114	0.182	SE
S2A	20200207	Cloudy	Moderate	Mid-Ebb	M	4.75	11:12	8.81	8.09	32.45	20.7	3.92	3	114	0.216	SE
S2A	20200207	Cloudy	Moderate	Mid-Ebb	S	1	11:13	8.76	8.19	32.56	20.61	3.73	4	114	0.177	E
S2A	20200207	Cloudy	Moderate	Mid-Ebb	S	1	11:13	8.72	7.99	32.54	20.76	3.73	3	114	0.239	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
S3	20200207	Cloudy	Moderate	Mid-Ebb	B	10.4	10:51	8.89	8.19	32.32	20.46	4.3	3	113	0.201	E
S3	20200207	Cloudy	Moderate	Mid-Ebb	B	10.4	10:51	8.31	8.07	32.3	20.49	4.1	2	115	0.166	E
S3	20200207	Cloudy	Moderate	Mid-Ebb	M	5.7	10:52	8.83	8.08	32.38	20.61	3.78	3	114	0.144	E
S3	20200207	Cloudy	Moderate	Mid-Ebb	M	5.7	10:52	8.53	8.01	32.32	20.43	3.6	4	113	0.229	SE
S3	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:53	8.6	8.2	32.47	20.43	3.77	4	114	0.238	E
S3	20200207	Cloudy	Moderate	Mid-Ebb	S	1	10:53	8.67	8.09	32.41	20.6	3.6	4	114	0.201	E
B1	20200207	Cloudy	Moderate	Mid-Flood	B	4.4	14:37	8.39	8.11	32.43	20.55	4	4	114	0.263	W
B1	20200207	Cloudy	Moderate	Mid-Flood	B	4.4	14:37	8.49	8.21	32.36	20.53	3.93	3	114	0.267	W
B1	20200207	Cloudy	Moderate	Mid-Flood	S	1	14:38	8.3	8.23	32.23	20.72	3.3	<2	116	0.175	W
B1	20200207	Cloudy	Moderate	Mid-Flood	S	1	14:38	8.48	8.1	32.15	20.67	3.28	3	114	0.229	W
B2	20200207	Cloudy	Moderate	Mid-Flood	B	3.4	14:21	8.76	8.16	32.31	20.76	3.68	4	114	0.276	W
B2	20200207	Cloudy	Moderate	Mid-Flood	B	3.4	14:21	8.74	8.05	32.22	20.62	4.05	4	114	0.245	NW
B2	20200207	Cloudy	Moderate	Mid-Flood	S	1	14:22	8.62	8.17	32.11	20.81	3.15	4	114	0.24	W
B2	20200207	Cloudy	Moderate	Mid-Flood	S	1	14:22	8.48	8.22	32.24	20.8	3.32	3	114	0.262	W
B3	20200207	Cloudy	Moderate	Mid-Flood	B	3.9	15:04	8.54	8.16	32.31	20.63	3.89	5	114	0.282	NW
B3	20200207	Cloudy	Moderate	Mid-Flood	B	3.9	15:04	8.38	8.08	32.46	20.7	4.03	4	114	0.178	NW
B3	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:05	8.77	8.16	32.24	20.69	3.4	3	114	0.268	NW
B3	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:05	8.51	8.05	32.27	20.62	3.24	2	113	0.182	W
B4	20200207	Cloudy	Moderate	Mid-Flood	B	3.8	15:10	8.45	8.17	32.53	20.56	3.95	4	114	0.181	W
B4	20200207	Cloudy	Moderate	Mid-Flood	B	3.8	15:10	8.73	8.17	32.35	20.71	4.09	4	113	0.278	W
B4	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:11	8.65	8.17	32.18	20.67	3.49	5	114	0.252	NW
B4	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:11	8.45	8.08	32.23	20.6	3.25	5	115	0.184	NW
C1A	20200207	Cloudy	Moderate	Mid-Flood	B	9.6	15:38	8.7	8.12	32.52	20.64	3.78	3	115	0.218	NW
C1A	20200207	Cloudy	Moderate	Mid-Flood	B	9.6	15:38	8.44	8.06	32.19	20.65	3.89	4	114	0.217	W
C1A	20200207	Cloudy	Moderate	Mid-Flood	M	5.3	15:39	8.28	8.05	32.52	20.51	3.66	4	114	0.215	NW
C1A	20200207	Cloudy	Moderate	Mid-Flood	M	5.3	15:39	8.51	8.11	32.21	20.53	3.54	3	114	0.265	W
C1A	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:40	8.49	8.08	32.54	20.57	3.61	4	114	0.168	NW
C1A	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:40	8.5	8.11	32.34	20.5	3.62	4	114	0.18	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	20200207	Cloudy	Moderate	Mid-Flood	B	10.4	14:16	8.66	8.11	32.11	20.77	4.21	4	114	0.204	W
C2A	20200207	Cloudy	Moderate	Mid-Flood	B	10.4	14:16	8.79	8.06	32.46	20.79	4.24	4	114	0.223	NW
C2A	20200207	Cloudy	Moderate	Mid-Flood	M	5.7	14:17	8.32	8.15	32.34	20.64	3.45	4	113	0.205	W
C2A	20200207	Cloudy	Moderate	Mid-Flood	M	5.7	14:17	8.76	8.09	32.32	20.79	3.7	4	115	0.206	W
C2A	20200207	Cloudy	Moderate	Mid-Flood	S	1	14:18	8.38	8.17	32.42	20.8	3.16	5	114	0.262	W
C2A	20200207	Cloudy	Moderate	Mid-Flood	S	1	14:18	8.5	8.12	32.42	20.8	3.29	4	114	0.2	W
CR1	20200207	Cloudy	Moderate	Mid-Flood	B	12	14:44	8.67	8.18	32.53	20.73	3.87	3	114	0.23	W
CR1	20200207	Cloudy	Moderate	Mid-Flood	B	12	14:44	8.4	8.08	32.22	20.57	3.79	2	114	0.269	NW
CR1	20200207	Cloudy	Moderate	Mid-Flood	M	6.5	14:45	8.53	8.11	32.43	20.77	3.68	3	114	0.19	W
CR1	20200207	Cloudy	Moderate	Mid-Flood	M	6.5	14:45	8.77	8.18	32.22	20.75	3.8	4	115	0.279	NW
CR1	20200207	Cloudy	Moderate	Mid-Flood	S	1	14:46	8.25	8.23	32.37	20.55	3.37	3	113	0.225	NW
CR1	20200207	Cloudy	Moderate	Mid-Flood	S	1	14:46	8.67	8.13	32.49	20.67	3.71	4	114	0.252	NW
CR2	20200207	Cloudy	Moderate	Mid-Flood	B	10.3	15:04	8.58	8.17	32.19	20.56	3.93	3	115	0.269	W
CR2	20200207	Cloudy	Moderate	Mid-Flood	B	10.3	15:04	8.49	8.19	32.21	20.62	3.69	3	115	0.171	W
CR2	20200207	Cloudy	Moderate	Mid-Flood	M	5.65	15:05	8.37	8.11	32.32	20.63	3.58	4	114	0.193	W
CR2	20200207	Cloudy	Moderate	Mid-Flood	M	5.65	15:05	8.3	8.09	32.38	20.59	3.65	2	113	0.281	NW
CR2	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:06	8.4	8.15	32.5	20.5	3.56	2	114	0.27	W
CR2	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:06	8.27	8.12	32.5	20.69	3.46	3	114	0.268	W
F1A	20200207	Cloudy	Moderate	Mid-Flood	B	7.6	15:32	8.44	8.1	32.15	20.53	3.89	3	114	0.177	NW
F1A	20200207	Cloudy	Moderate	Mid-Flood	B	7.6	15:32	8.25	8.19	32.26	20.64	3.91	3	114	0.172	W
F1A	20200207	Cloudy	Moderate	Mid-Flood	M	4.3	15:33	8.57	8.13	32.43	20.66	3.77	3	113	0.199	W
F1A	20200207	Cloudy	Moderate	Mid-Flood	M	4.3	15:33	8.33	8.07	32.17	20.7	3.84	4	114	0.17	W
F1A	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:34	8.32	8.05	32.23	20.66	3.33	4	114	0.266	W
F1A	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:34	8.57	8.16	32.4	20.73	3.21	4	114	0.221	W
H1	20200207	Cloudy	Moderate	Mid-Flood	B	6.7	16:08	8.61	8.18	32.14	20.54	4.1	4	114	0.229	W
H1	20200207	Cloudy	Moderate	Mid-Flood	B	6.7	16:08	8.48	8.11	32.45	20.53	4.15	3	113	0.282	W
H1	20200207	Cloudy	Moderate	Mid-Flood	M	3.85	16:09	8.69	8.18	32.1	20.61	3.68	4	114	0.193	W
H1	20200207	Cloudy	Moderate	Mid-Flood	M	3.85	16:09	8.76	8.11	32.2	20.67	3.9	3	114	0.237	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
H1	20200207	Cloudy	Moderate	Mid-Flood	S	1	16:10	8.3	8.06	32.53	20.66	3.43	5	115	0.25	W
H1	20200207	Cloudy	Moderate	Mid-Flood	S	1	16:10	8.78	8.23	32.2	20.53	3.38	6	114	0.187	W
M1	20200207	Cloudy	Moderate	Mid-Flood	B	6.8	15:52	8.81	8.05	32.48	20.53	3.72	3	115	0.218	W
M1	20200207	Cloudy	Moderate	Mid-Flood	B	6.8	15:52	8.42	8.15	32.26	20.62	3.76	3	115	0.178	W
M1	20200207	Cloudy	Moderate	Mid-Flood	M	3.9	15:53	8.47	8.14	32.4	20.64	3.37	4	114	0.193	W
M1	20200207	Cloudy	Moderate	Mid-Flood	M	3.9	15:53	8.62	8.15	32.41	20.58	3.5	5	114	0.255	W
M1	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:54	8.32	8.06	32.2	20.65	3.57	4	114	0.275	NW
M1	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:54	8.58	8.12	32.39	20.57	3.29	4	115	0.17	W
S1	20200207	Cloudy	Moderate	Mid-Flood	B	4	14:29	8.43	8.09	32.54	20.7	3.97	3	114	0.218	W
S1	20200207	Cloudy	Moderate	Mid-Flood	B	4	14:29	8.53	8.05	32.22	20.54	4.21	2	113	0.279	W
S1	20200207	Cloudy	Moderate	Mid-Flood	S	1	14:30	8.38	8.11	32.53	20.75	3.61	4	114	0.272	NW
S1	20200207	Cloudy	Moderate	Mid-Flood	S	1	14:30	8.37	8.08	32.49	20.62	3.3	3	114	0.214	W
S2A	20200207	Cloudy	Moderate	Mid-Flood	B	8.8	14:50	8.61	8.07	32.1	20.73	3.87	4	114	0.252	W
S2A	20200207	Cloudy	Moderate	Mid-Flood	B	8.8	14:50	8.46	8.2	32.36	20.61	3.73	2	114	0.235	W
S2A	20200207	Cloudy	Moderate	Mid-Flood	M	4.9	14:51	8.61	8.22	32.13	20.53	3.63	4	114	0.177	W
S2A	20200207	Cloudy	Moderate	Mid-Flood	M	4.9	14:51	8.29	8.23	32.15	20.69	3.5	3	114	0.182	NW
S2A	20200207	Cloudy	Moderate	Mid-Flood	S	1	14:52	8.8	8.08	32.16	20.73	3.41	4	114	0.195	W
S2A	20200207	Cloudy	Moderate	Mid-Flood	S	1	14:52	8.51	8.21	32.47	20.75	3.39	3	114	0.258	W
S3	20200207	Cloudy	Moderate	Mid-Flood	B	8.6	15:16	8.42	8.16	32.4	20.73	4.11	3	114	0.229	NW
S3	20200207	Cloudy	Moderate	Mid-Flood	B	8.6	15:16	8.52	8.12	32.13	20.66	4.22	3	115	0.256	NW
S3	20200207	Cloudy	Moderate	Mid-Flood	M	4.8	15:17	8.65	8.17	32.2	20.7	3.36	2	114	0.201	W
S3	20200207	Cloudy	Moderate	Mid-Flood	M	4.8	15:17	8.38	8.1	32.54	20.6	3.56	4	114	0.223	W
S3	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:18	8.27	8.14	32.23	20.66	3.52	4	114	0.234	W
S3	20200207	Cloudy	Moderate	Mid-Flood	S	1	15:18	8.31	8.08	32.42	20.54	3.58	5	114	0.225	W
B1	20200210	Cloudy	Moderate	Mid-Flood	B	4.1	10:30	8.42	8.22	32.46	20.31	3.65	7	113	0.222	NW
B1	20200210	Cloudy	Moderate	Mid-Flood	B	4.1	10:30	8.44	8.19	32.5	20.14	3.62	7	115	0.206	W
B1	20200210	Cloudy	Moderate	Mid-Flood	S	1	10:31	8.41	8.08	32.22	20.16	2.98	9	113	0.282	W
B1	20200210	Cloudy	Moderate	Mid-Flood	S	1	10:31	8.8	8.04	32.24	20.29	2.83	8	113	0.179	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20200210	Cloudy	Moderate	Mid-Flood	B	3.7	9:56	8.3	8.1	32.37	20.11	3.65	8	114	0.278	W
B2	20200210	Cloudy	Moderate	Mid-Flood	B	3.7	9:56	8.64	8.04	32.31	20.12	3.74	7	114	0.202	W
B2	20200210	Cloudy	Moderate	Mid-Flood	S	1	9:57	8.34	8.23	32.3	20.27	2.81	8	114	0.21	W
B2	20200210	Cloudy	Moderate	Mid-Flood	S	1	9:57	8.33	8.23	32.32	20.29	3.23	6	114	0.171	W
B3	20200210	Cloudy	Moderate	Mid-Flood	B	3.7	9:55	8.58	8.17	32.43	20.15	3.73	7	113	0.246	W
B3	20200210	Cloudy	Moderate	Mid-Flood	B	3.7	9:55	8.81	8.18	32.26	20.18	3.58	8	114	0.247	W
B3	20200210	Cloudy	Moderate	Mid-Flood	S	1	9:56	8.63	8.16	32.42	20.25	2.97	9	113	0.192	W
B3	20200210	Cloudy	Moderate	Mid-Flood	S	1	9:56	8.69	8.08	32.51	20.15	3.13	8	114	0.249	W
B4	20200210	Cloudy	Moderate	Mid-Flood	B	3.5	9:48	8.75	8.23	32.28	20.16	3.51	10	114	0.267	W
B4	20200210	Cloudy	Moderate	Mid-Flood	B	3.5	9:48	8.33	8.14	32.36	20.15	3.68	9	114	0.233	W
B4	20200210	Cloudy	Moderate	Mid-Flood	S	1	9:49	8.78	8.09	32.42	20.26	3.2	10	114	0.275	W
B4	20200210	Cloudy	Moderate	Mid-Flood	S	1	9:49	8.31	8.21	32.33	20.24	2.97	10	112	0.182	W
C1A	20200210	Cloudy	Moderate	Mid-Flood	B	9.5	10:59	8.63	8	32.41	20.18	3.69	8	115	0.241	NW
C1A	20200210	Cloudy	Moderate	Mid-Flood	B	9.5	10:59	8.33	8	32.24	20.24	3.69	8	114	0.279	NW
C1A	20200210	Cloudy	Moderate	Mid-Flood	M	5.25	11:00	8.81	8.08	32.26	20.14	3.46	8	114	0.253	W
C1A	20200210	Cloudy	Moderate	Mid-Flood	M	5.25	11:00	8.64	8.07	32.51	20.16	2.98	7	114	0.231	W
C1A	20200210	Cloudy	Moderate	Mid-Flood	S	1	11:01	8.32	8.08	32.35	20.29	3.2	8	114	0.178	NW
C1A	20200210	Cloudy	Moderate	Mid-Flood	S	1	11:01	8.8	8.15	32.26	20.27	2.85	7	115	0.26	W
C2A	20200210	Cloudy	Moderate	Mid-Flood	B	10.8	8:00	8.7	8.13	32.56	20.06	3.69	11	115	0.193	W
C2A	20200210	Cloudy	Moderate	Mid-Flood	B	10.8	8:00	8.44	8.12	32.47	20.09	3.44	10	114	0.259	W
C2A	20200210	Cloudy	Moderate	Mid-Flood	M	5.9	8:01	8.8	8.13	32.42	20.18	3.08	10	114	0.203	W
C2A	20200210	Cloudy	Moderate	Mid-Flood	M	5.9	8:01	8.38	8.01	32.46	20.21	3.34	9	114	0.247	W
C2A	20200210	Cloudy	Moderate	Mid-Flood	S	1	8:02	8.7	8.08	32.54	20.07	2.9	10	115	0.232	W
C2A	20200210	Cloudy	Moderate	Mid-Flood	S	1	8:02	8.54	8.09	32.54	20.08	3.03	10	115	0.17	W
CR1	20200210	Cloudy	Moderate	Mid-Flood	B	11.9	8:26	8.55	8.07	32.47	20.12	3.67	7	114	0.19	W
CR1	20200210	Cloudy	Moderate	Mid-Flood	B	11.9	8:26	8.26	8.08	32.47	20.21	3.86	8	113	0.176	W
CR1	20200210	Cloudy	Moderate	Mid-Flood	M	6.45	8:27	8.32	8.13	32.27	20.12	3.35	7	114	0.212	W
CR1	20200210	Cloudy	Moderate	Mid-Flood	M	6.45	8:27	8.47	8.09	32.45	20.15	3.24	8	113	0.172	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	20200210	Cloudy	Moderate	Mid-Flood	S	1	8:28	8.74	8.23	32.23	20.06	3.08	8	114	0.168	NW
CR1	20200210	Cloudy	Moderate	Mid-Flood	S	1	8:28	8.42	8.01	32.45	20.17	3.3	8	114	0.206	W
CR2	20200210	Cloudy	Moderate	Mid-Flood	B	10.9	8:44	8.61	8.05	32.39	20.25	3.66	9	114	0.226	W
CR2	20200210	Cloudy	Moderate	Mid-Flood	B	10.9	8:44	8.44	8.17	32.3	20.17	3.33	10	113	0.191	NW
CR2	20200210	Cloudy	Moderate	Mid-Flood	M	5.95	8:45	8.29	8.1	32.55	20.24	2.94	9	113	0.259	W
CR2	20200210	Cloudy	Moderate	Mid-Flood	M	5.95	8:45	8.35	8.05	32.51	20.23	3.12	10	113	0.265	W
CR2	20200210	Cloudy	Moderate	Mid-Flood	S	1	8:46	8.38	8.12	32.35	20.17	2.97	7	114	0.189	W
CR2	20200210	Cloudy	Moderate	Mid-Flood	S	1	8:46	8.36	8.13	32.28	20.18	2.77	8	112	0.192	W
F1A	20200210	Cloudy	Moderate	Mid-Flood	B	7.4	9:24	8.48	8.14	32.42	20.18	3.49	10	114	0.241	W
F1A	20200210	Cloudy	Moderate	Mid-Flood	B	7.4	9:24	8.74	8.11	32.51	20.22	3.84	10	114	0.25	W
F1A	20200210	Cloudy	Moderate	Mid-Flood	M	4.2	9:25	8.34	8.09	32.49	20.26	3.03	10	115	0.168	W
F1A	20200210	Cloudy	Moderate	Mid-Flood	M	4.2	9:25	8.29	8.13	32.36	20.28	3.15	11	112	0.222	NW
F1A	20200210	Cloudy	Moderate	Mid-Flood	S	1	9:26	8.47	8.09	32.41	20.17	3.06	9	113	0.187	W
F1A	20200210	Cloudy	Moderate	Mid-Flood	S	1	9:26	8.8	8.12	32.38	20.18	3.11	9	113	0.179	NW
H1	20200210	Cloudy	Moderate	Mid-Flood	B	6.8	9:17	8.37	8.1	32.51	20.14	3.78	9	114	0.206	W
H1	20200210	Cloudy	Moderate	Mid-Flood	B	6.8	9:17	8.56	8.07	32.23	20.26	3.46	10	114	0.175	W
H1	20200210	Cloudy	Moderate	Mid-Flood	M	3.9	9:18	8.29	8.18	32.54	20.12	3.19	8	114	0.188	W
H1	20200210	Cloudy	Moderate	Mid-Flood	M	3.9	9:18	8.59	8.08	32.43	20.27	3.02	8	114	0.184	NW
H1	20200210	Cloudy	Moderate	Mid-Flood	S	1	9:19	8.58	8.12	32.28	20.17	2.83	9	114	0.254	W
H1	20200210	Cloudy	Moderate	Mid-Flood	S	1	9:19	8.55	8.17	32.24	20.25	2.82	8	114	0.172	NW
M1	20200210	Cloudy	Moderate	Mid-Flood	B	7.4	9:03	8.54	8.21	32.44	20.25	3.3	11	112	0.266	W
M1	20200210	Cloudy	Moderate	Mid-Flood	B	7.4	9:03	8.68	8.06	32.32	20.19	3.4	10	114	0.216	W
M1	20200210	Cloudy	Moderate	Mid-Flood	M	4.2	9:04	8.81	8	32.51	20.24	2.95	11	112	0.259	W
M1	20200210	Cloudy	Moderate	Mid-Flood	M	4.2	9:04	8.69	8.06	32.27	20.12	3.49	11	113	0.28	W
M1	20200210	Cloudy	Moderate	Mid-Flood	S	1	9:05	8.73	8.02	32.26	20.24	2.75	7	113	0.195	W
M1	20200210	Cloudy	Moderate	Mid-Flood	S	1	9:05	8.32	8.23	32.39	20.22	3.16	8	114	0.207	NW
S1	20200210	Cloudy	Moderate	Mid-Flood	B	4.3	10:05	8.3	8.15	32.39	20.23	3.55	8	112	0.243	W
S1	20200210	Cloudy	Moderate	Mid-Flood	B	4.3	10:05	8.74	8.09	32.24	20.19	3.77	8	114	0.249	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S1	20200210	Cloudy	Moderate	Mid-Flood	S	1	10:06	8.39	8.06	32.31	20.29	2.78	7	114	0.211	NW
S1	20200210	Cloudy	Moderate	Mid-Flood	S	1	10:06	8.45	8.23	32.47	20.24	3	8	114	0.219	W
S2A	20200210	Cloudy	Moderate	Mid-Flood	B	8	10:11	8.73	8.14	32.25	20.11	3.73	11	114	0.275	W
S2A	20200210	Cloudy	Moderate	Mid-Flood	B	8	10:11	8.53	8.22	32.31	20.2	3.53	10	114	0.199	NW
S2A	20200210	Cloudy	Moderate	Mid-Flood	M	4.5	10:12	8.59	8.08	32.44	20.27	3.25	8	113	0.193	W
S2A	20200210	Cloudy	Moderate	Mid-Flood	M	4.5	10:12	8.51	8.06	32.49	20.16	3.04	9	113	0.186	NW
S2A	20200210	Cloudy	Moderate	Mid-Flood	S	1	10:13	8.55	8	32.5	20.27	3.16	9	113	0.196	NW
S2A	20200210	Cloudy	Moderate	Mid-Flood	S	1	10:13	8.25	8.15	32.3	20.26	2.85	9	113	0.279	W
S3	20200210	Cloudy	Moderate	Mid-Flood	B	9.6	8:56	8.75	8.15	32.25	20.13	3.8	8	114	0.191	W
S3	20200210	Cloudy	Moderate	Mid-Flood	B	9.6	8:56	8.49	8.21	32.29	20.14	3.73	8	114	0.211	W
S3	20200210	Cloudy	Moderate	Mid-Flood	M	5.3	8:57	8.39	8.19	32.46	20.1	3.47	8	114	0.217	W
S3	20200210	Cloudy	Moderate	Mid-Flood	M	5.3	8:57	8.63	8.2	32.26	20.11	3.46	9	113	0.19	W
S3	20200210	Cloudy	Moderate	Mid-Flood	S	1	8:58	8.66	8.15	32.44	20.2	3.1	9	113	0.196	W
S3	20200210	Cloudy	Moderate	Mid-Flood	S	1	8:58	8.29	8.03	32.43	20.18	3.02	10	114	0.19	NW
B1	20200210	Cloudy	Moderate	Mid-Ebb	B	3.7	12:09	8.71	8	32.42	20.31	3.51	11	113	0.231	SE
B1	20200210	Cloudy	Moderate	Mid-Ebb	B	3.7	12:09	8.59	8.22	32.39	20.27	3.9	11	112	0.123	E
B1	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:10	8.78	8.06	32.26	20.31	2.87	13	114	0.132	SE
B1	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:10	8.8	8.2	32.21	20.22	3.11	12	113	0.144	SE
B2	20200210	Cloudy	Moderate	Mid-Ebb	B	4.6	11:51	8.86	8.19	32.33	20.31	3.45	9	114	0.215	SE
B2	20200210	Cloudy	Moderate	Mid-Ebb	B	4.6	11:51	8.77	8.03	32.1	20.36	3.76	8	112	0.235	E
B2	20200210	Cloudy	Moderate	Mid-Ebb	S	1	11:52	8.89	8.15	32.18	20.32	3.13	8	111	0.229	E
B2	20200210	Cloudy	Moderate	Mid-Ebb	S	1	11:52	8.44	8.08	32.21	20.31	2.93	9	112	0.138	E
B3	20200210	Cloudy	Moderate	Mid-Ebb	B	3.9	12:38	8.62	8.24	32.25	20.48	3.67	7	115	0.204	E
B3	20200210	Cloudy	Moderate	Mid-Ebb	B	3.9	12:38	8.64	8.23	32.45	20.32	4.02	8	114	0.138	SE
B3	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:39	8.88	8.04	32.15	20.32	3.36	8	114	0.205	SE
B3	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:39	8.72	7.97	32.34	20.4	2.85	9	115	0.225	E
B4	20200210	Cloudy	Moderate	Mid-Ebb	B	4	12:46	8.54	8.08	32.29	20.37	3.91	9	114	0.181	SE
B4	20200210	Cloudy	Moderate	Mid-Ebb	B	4	12:46	8.5	8.04	32.15	20.43	3.89	8	112	0.179	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B4	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:47	8.67	8.2	32.46	20.43	3.35	10	113	0.197	SE
B4	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:47	8.67	8.15	32.31	20.3	3.1	11	114	0.158	SE
C1A	20200210	Cloudy	Moderate	Mid-Ebb	B	9.7	11:37	8.42	8.07	32.42	20.24	3.39	8	113	0.139	SE
C1A	20200210	Cloudy	Moderate	Mid-Ebb	B	9.7	11:37	8.51	8.13	32.41	20.26	3.4	9	112	0.141	SE
C1A	20200210	Cloudy	Moderate	Mid-Ebb	M	5.35	11:38	8.75	8.24	32.1	20.21	3.05	8	113	0.235	E
C1A	20200210	Cloudy	Moderate	Mid-Ebb	M	5.35	11:38	8.83	7.97	32.14	20.22	2.89	9	115	0.196	SE
C1A	20200210	Cloudy	Moderate	Mid-Ebb	S	1	11:39	8.45	8.08	32.4	20.21	3.01	10	113	0.124	SE
C1A	20200210	Cloudy	Moderate	Mid-Ebb	S	1	11:39	8.45	8.02	32.12	20.24	3.32	9	114	0.221	E
C2A	20200210	Cloudy	Moderate	Mid-Ebb	B	10.9	13:24	8.85	8.14	32.17	20.39	3.38	6	113	0.121	SE
C2A	20200210	Cloudy	Moderate	Mid-Ebb	B	10.9	13:24	8.62	8.08	32.46	20.45	3.49	7	114	0.181	SE
C2A	20200210	Cloudy	Moderate	Mid-Ebb	M	5.95	13:25	8.72	8.19	32.31	20.38	2.87	7	112	0.178	SE
C2A	20200210	Cloudy	Moderate	Mid-Ebb	M	5.95	13:25	8.69	8.01	32.32	20.38	3.25	8	113	0.176	SE
C2A	20200210	Cloudy	Moderate	Mid-Ebb	S	1	13:26	8.73	8.03	32.23	20.4	3.27	8	114	0.185	SE
C2A	20200210	Cloudy	Moderate	Mid-Ebb	S	1	13:26	8.42	8.11	32.2	20.46	2.91	7	113	0.151	SE
CR1	20200210	Cloudy	Moderate	Mid-Ebb	B	12.3	12:58	8.43	8.16	32.18	20.42	3.66	8	113	0.148	SE
CR1	20200210	Cloudy	Moderate	Mid-Ebb	B	12.3	12:58	8.47	7.96	32.19	20.4	3.53	9	115	0.135	E
CR1	20200210	Cloudy	Moderate	Mid-Ebb	M	6.65	12:59	8.49	8.22	32.36	20.3	2.94	9	115	0.176	SE
CR1	20200210	Cloudy	Moderate	Mid-Ebb	M	6.65	12:59	8.74	8.04	32.32	20.28	2.84	9	114	0.235	E
CR1	20200210	Cloudy	Moderate	Mid-Ebb	S	1	13:00	8.51	8.07	32.3	20.32	3.17	7	112	0.189	SE
CR1	20200210	Cloudy	Moderate	Mid-Ebb	S	1	13:00	8.62	8.07	32.21	20.29	3.19	8	114	0.147	SE
CR2	20200210	Cloudy	Moderate	Mid-Ebb	B	10.1	12:33	8.53	8	32.15	20.29	3.35	8	114	0.222	E
CR2	20200210	Cloudy	Moderate	Mid-Ebb	B	10.1	12:33	8.67	8.19	32.45	20.31	3.85	9	113	0.189	E
CR2	20200210	Cloudy	Moderate	Mid-Ebb	M	5.55	12:34	8.77	8.24	32.41	20.35	3.06	9	114	0.195	SE
CR2	20200210	Cloudy	Moderate	Mid-Ebb	M	5.55	12:34	8.55	8.04	32.24	20.43	2.89	9	113	0.184	SE
CR2	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:35	8.63	8.09	32.41	20.47	2.95	8	115	0.159	E
CR2	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:35	8.49	8.12	32.44	20.27	3.32	9	112	0.247	SE
F1A	20200210	Cloudy	Moderate	Mid-Ebb	B	7.4	13:10	8.53	8.13	32.47	20.3	3.47	12	113	0.223	SE
F1A	20200210	Cloudy	Moderate	Mid-Ebb	B	7.4	13:10	8.62	8.09	32.42	20.29	3.59	12	113	0.186	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	20200210	Cloudy	Moderate	Mid-Ebb	M	4.2	13:11	8.64	8.24	32.19	20.36	2.98	11	114	0.182	SE
F1A	20200210	Cloudy	Moderate	Mid-Ebb	M	4.2	13:11	8.69	8.05	32.35	20.35	3.26	12	114	0.247	E
F1A	20200210	Cloudy	Moderate	Mid-Ebb	S	1	13:12	8.83	8.24	32.28	20.26	3.38	9	114	0.22	SE
F1A	20200210	Cloudy	Moderate	Mid-Ebb	S	1	13:12	8.7	8.01	32.14	20.4	3.07	10	114	0.183	E
H1	20200210	Cloudy	Moderate	Mid-Ebb	B	7.5	12:13	8.87	8.09	32.31	20.22	3.35	10	114	0.251	E
H1	20200210	Cloudy	Moderate	Mid-Ebb	B	7.5	12:13	8.6	8.04	32.26	20.4	3.72	10	112	0.161	E
H1	20200210	Cloudy	Moderate	Mid-Ebb	M	4.25	12:14	8.45	8.22	32.25	20.25	3.08	10	113	0.249	SE
H1	20200210	Cloudy	Moderate	Mid-Ebb	M	4.25	12:14	8.57	8.02	32.39	20.37	3.26	9	112	0.175	SE
H1	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:15	8.43	8.1	32.24	20.24	2.83	9	112	0.192	SE
H1	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:15	8.86	8.21	32.18	20.31	3.22	9	113	0.164	SE
M1	20200210	Cloudy	Moderate	Mid-Ebb	B	8.3	13:30	8.82	8.1	32.35	20.26	3.59	6	114	0.177	SE
M1	20200210	Cloudy	Moderate	Mid-Ebb	B	8.3	13:30	8.57	8.1	32.25	20.43	3.82	7	114	0.124	E
M1	20200210	Cloudy	Moderate	Mid-Ebb	M	4.65	13:31	8.59	8.08	32.33	20.29	2.94	7	114	0.116	E
M1	20200210	Cloudy	Moderate	Mid-Ebb	M	4.65	13:31	8.55	8.19	32.39	20.47	3.29	8	117	0.236	E
M1	20200210	Cloudy	Moderate	Mid-Ebb	S	1	13:32	8.62	8.2	32.12	20.28	2.86	8	115	0.176	SE
M1	20200210	Cloudy	Moderate	Mid-Ebb	S	1	13:32	8.48	8.05	32.36	20.36	3.22	7	116	0.124	SE
S1	20200210	Cloudy	Moderate	Mid-Ebb	B	4.1	12:00	8.73	7.96	32.32	20.32	3.52	11	113	0.243	SE
S1	20200210	Cloudy	Moderate	Mid-Ebb	B	4.1	12:00	8.89	7.99	32.42	20.35	3.7	12	113	0.153	SE
S1	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:01	8.86	8.05	32.34	20.36	3.13	13	114	0.227	SE
S1	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:01	8.48	8.13	32.38	20.23	3.22	12	112	0.242	SE
S2A	20200210	Cloudy	Moderate	Mid-Ebb	B	8.1	12:23	8.55	8.09	32.35	20.33	3.36	9	114	0.247	E
S2A	20200210	Cloudy	Moderate	Mid-Ebb	B	8.1	12:23	8.52	8.04	32.18	20.41	3.92	10	112	0.25	SE
S2A	20200210	Cloudy	Moderate	Mid-Ebb	M	4.55	12:24	8.78	8.22	32.11	20.4	3.11	9	115	0.245	E
S2A	20200210	Cloudy	Moderate	Mid-Ebb	M	4.55	12:24	8.45	8.22	32.11	20.47	3.05	10	112	0.174	SE
S2A	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:25	8.58	8.02	32.27	20.42	3.36	11	114	0.136	E
S2A	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:25	8.51	8.15	32.25	20.3	3.14	12	114	0.193	SE
S3	20200210	Cloudy	Moderate	Mid-Ebb	B	10.2	12:44	8.85	8.03	32.26	20.47	3.53	9	114	0.221	SE
S3	20200210	Cloudy	Moderate	Mid-Ebb	B	10.2	12:44	8.52	8.23	32.39	20.45	3.42	10	114	0.246	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20200210	Cloudy	Moderate	Mid-Ebb	M	5.6	12:45	8.67	7.97	32.32	20.29	3.11	9	114	0.159	E
S3	20200210	Cloudy	Moderate	Mid-Ebb	M	5.6	12:45	8.55	8.17	32.25	20.36	3.19	10	113	0.214	SE
S3	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:46	8.6	8.08	32.43	20.42	3.31	9	113	0.25	SE
S3	20200210	Cloudy	Moderate	Mid-Ebb	S	1	12:46	8.42	8.03	32.13	20.29	3.35	8	113	0.173	SE
B1	20200212	Hazy	Moderate	Mid-Flood	B	4.1	10:36	8.69	8.16	32.11	20.4	3.35	6	110	0.17	W
B1	20200212	Hazy	Moderate	Mid-Flood	B	4.1	10:36	8.76	8.11	31.98	20.39	3.52	7	112	0.223	W
B1	20200212	Hazy	Moderate	Mid-Flood	S	1	10:37	8.94	8.23	31.93	20.42	2.58	5	114	0.231	W
B1	20200212	Hazy	Moderate	Mid-Flood	S	1	10:37	9.07	8.15	32.02	20.34	2.72	5	110	0.184	NW
B2	20200212	Hazy	Moderate	Mid-Flood	B	3.4	10:53	9.03	8.15	31.91	20.28	3.35	6	113	0.258	W
B2	20200212	Hazy	Moderate	Mid-Flood	B	3.4	10:53	9.02	8.04	31.79	20.42	3.17	6	111	0.198	W
B2	20200212	Hazy	Moderate	Mid-Flood	S	1	10:54	8.75	8.03	31.79	20.34	2.97	7	111	0.201	NW
B2	20200212	Hazy	Moderate	Mid-Flood	S	1	10:54	9.11	8.06	31.79	20.35	2.57	8	113	0.222	W
B3	20200212	Hazy	Moderate	Mid-Flood	B	3.5	10:10	8.76	8.04	32.11	20.37	3.34	10	113	0.208	W
B3	20200212	Hazy	Moderate	Mid-Flood	B	3.5	10:10	8.87	8.02	31.91	20.38	3.64	11	113	0.26	W
B3	20200212	Hazy	Moderate	Mid-Flood	S	1	10:11	9.01	8.06	32.09	20.35	3.02	6	112	0.267	W
B3	20200212	Hazy	Moderate	Mid-Flood	S	1	10:11	8.9	8	31.81	20.3	3.11	6	114	0.193	W
B4	20200212	Hazy	Moderate	Mid-Flood	B	4.5	10:02	8.96	8.2	31.76	20.4	3.76	5	112	0.201	W
B4	20200212	Hazy	Moderate	Mid-Flood	B	4.5	10:02	8.76	8.13	31.7	20.35	3.78	5	111	0.176	W
B4	20200212	Hazy	Moderate	Mid-Flood	S	1	10:03	8.84	8.22	31.76	20.38	3.17	5	112	0.181	NW
B4	20200212	Hazy	Moderate	Mid-Flood	S	1	10:03	9.06	8.03	31.84	20.27	2.86	6	113	0.197	W
C1A	20200212	Hazy	Moderate	Mid-Flood	B	9.5	9:21	8.74	8.16	31.99	20.35	3.37	4	113	0.226	NW
C1A	20200212	Hazy	Moderate	Mid-Flood	B	9.5	9:21	8.96	8.17	31.7	20.31	3.09	3	112	0.215	W
C1A	20200212	Hazy	Moderate	Mid-Flood	M	5.25	9:22	8.68	8.17	32.08	20.2	3.19	4	110	0.238	W
C1A	20200212	Hazy	Moderate	Mid-Flood	M	5.25	9:22	9.01	8.14	31.98	20.29	3.05	4	112	0.198	W
C1A	20200212	Hazy	Moderate	Mid-Flood	S	1	9:23	8.84	8.22	31.73	20.28	2.68	4	109	0.247	W
C1A	20200212	Hazy	Moderate	Mid-Flood	S	1	9:23	9.03	8.02	32	20.17	2.91	4	112	0.183	W
C2A	20200212	Hazy	Moderate	Mid-Flood	B	10.8	8:00	9.1	8.21	31.74	20.03	3.59	7	112	0.195	W
C2A	20200212	Hazy	Moderate	Mid-Flood	B	10.8	8:00	8.76	8.16	32.1	20.16	3.35	7	112	0.219	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
C2A	20200212	Hazy	Moderate	Mid-Flood	M	5.9	8:01	8.71	8.18	31.96	20.12	3.12	6	113	0.179	W
C2A	20200212	Hazy	Moderate	Mid-Flood	M	5.9	8:01	9.07	8.12	31.95	20.15	2.77	6	112	0.243	NW
C2A	20200212	Hazy	Moderate	Mid-Flood	S	1	8:02	8.66	8.14	32.02	20.2	3	4	113	0.199	NW
C2A	20200212	Hazy	Moderate	Mid-Flood	S	1	8:02	8.93	8.1	31.78	20.05	2.7	4	112	0.202	W
CR1	20200212	Hazy	Moderate	Mid-Flood	B	12.1	8:27	9.09	8.04	31.92	20.11	3.18	8	111	0.221	W
CR1	20200212	Hazy	Moderate	Mid-Flood	B	12.1	8:27	8.9	8.06	31.96	20.2	3.41	8	111	0.228	NW
CR1	20200212	Hazy	Moderate	Mid-Flood	M	6.55	8:28	8.85	8.03	32.12	20.22	2.75	6	112	0.221	W
CR1	20200212	Hazy	Moderate	Mid-Flood	M	6.55	8:28	9	8.11	32.04	20.22	3.14	7	111	0.183	NW
CR1	20200212	Hazy	Moderate	Mid-Flood	S	1	8:29	8.86	8.01	31.74	20.2	2.9	6	112	0.217	NW
CR1	20200212	Hazy	Moderate	Mid-Flood	S	1	8:29	9.07	8.14	32.11	20.27	2.73	6	112	0.278	W
CR2	20200212	Hazy	Moderate	Mid-Flood	B	10.1	8:47	8.99	8.19	32.06	20.22	3.55	8	112	0.272	W
CR2	20200212	Hazy	Moderate	Mid-Flood	B	10.1	8:47	9.01	8.21	32.08	20.19	3.34	9	112	0.25	W
CR2	20200212	Hazy	Moderate	Mid-Flood	M	5.55	8:48	8.96	8.11	31.82	20.25	3.08	7	112	0.262	W
CR2	20200212	Hazy	Moderate	Mid-Flood	M	5.55	8:48	9.09	8.04	31.75	20.29	2.89	7	111	0.223	W
CR2	20200212	Hazy	Moderate	Mid-Flood	S	1	8:49	8.65	8.16	32.04	20.22	2.74	6	110	0.237	W
CR2	20200212	Hazy	Moderate	Mid-Flood	S	1	8:49	8.74	8.23	32.04	20.29	2.55	6	111	0.269	W
F1A	20200212	Hazy	Moderate	Mid-Flood	B	7.8	9:38	9.01	8.19	31.9	20.26	3.16	4	112	0.272	NW
F1A	20200212	Hazy	Moderate	Mid-Flood	B	7.8	9:38	8.78	8.1	32.09	20.28	3.36	3	113	0.199	W
F1A	20200212	Hazy	Moderate	Mid-Flood	M	4.4	9:39	8.86	8.07	31.96	20.33	3.22	5	111	0.254	W
F1A	20200212	Hazy	Moderate	Mid-Flood	M	4.4	9:39	8.76	8.15	32.08	20.31	3.28	4	112	0.197	W
F1A	20200212	Hazy	Moderate	Mid-Flood	S	1	9:40	8.94	8.13	32.1	20.26	3.11	5	112	0.225	W
F1A	20200212	Hazy	Moderate	Mid-Flood	S	1	9:40	9.06	8.11	32	20.24	2.94	5	112	0.173	W
H1	20200212	Hazy	Moderate	Mid-Flood	B	7	9:56	9.06	8	31.76	20.33	3.16	6	113	0.26	W
H1	20200212	Hazy	Moderate	Mid-Flood	B	7	9:56	8.7	8.22	31.72	20.29	3.64	6	113	0.272	W
H1	20200212	Hazy	Moderate	Mid-Flood	M	4	9:57	8.94	8.05	32.02	20.3	2.74	4	112	0.276	W
H1	20200212	Hazy	Moderate	Mid-Flood	M	4	9:57	9.04	8.07	31.81	20.38	3.26	5	112	0.256	NW
H1	20200212	Hazy	Moderate	Mid-Flood	S	1	9:58	8.65	8.14	31.75	20.39	2.97	4	112	0.269	NW
H1	20200212	Hazy	Moderate	Mid-Flood	S	1	9:58	8.85	8.14	31.72	20.33	2.99	5	112	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
M1	20200212	Hazy	Moderate	Mid-Flood	B	7.5	9:17	8.68	8.18	31.71	20.34	3.15	8	112	0.245	W
M1	20200212	Hazy	Moderate	Mid-Flood	B	7.5	9:17	9.05	8.2	31.77	20.19	3.56	9	110	0.247	W
M1	20200212	Hazy	Moderate	Mid-Flood	M	4.25	9:18	8.78	8.06	31.81	20.32	3.19	7	111	0.282	W
M1	20200212	Hazy	Moderate	Mid-Flood	M	4.25	9:18	8.97	8.14	32.12	20.18	3.3	7	113	0.204	W
M1	20200212	Hazy	Moderate	Mid-Flood	S	1	9:19	8.85	8.08	31.85	20.3	2.78	6	110	0.175	W
M1	20200212	Hazy	Moderate	Mid-Flood	S	1	9:19	8.71	8.1	31.79	20.19	2.9	7	112	0.252	W
S1	20200212	Hazy	Moderate	Mid-Flood	B	4.1	10:45	8.81	8.07	31.82	20.39	3.11	4	113	0.238	W
S1	20200212	Hazy	Moderate	Mid-Flood	B	4.1	10:45	8.85	8.13	31.92	20.42	3.15	3	112	0.226	W
S1	20200212	Hazy	Moderate	Mid-Flood	S	1	10:46	8.84	8.12	32.02	20.34	2.76	4	112	0.248	W
S1	20200212	Hazy	Moderate	Mid-Flood	S	1	10:46	8.67	8.13	31.96	20.32	2.86	4	111	0.232	W
S2A	20200212	Hazy	Moderate	Mid-Flood	B	8.7	10:24	8.73	8.23	31.78	20.34	3.57	8	113	0.199	NW
S2A	20200212	Hazy	Moderate	Mid-Flood	B	8.7	10:24	8.74	8.11	31.85	20.29	3.56	8	114	0.174	W
S2A	20200212	Hazy	Moderate	Mid-Flood	M	4.85	10:25	8.94	8.01	32.15	20.28	2.88	6	113	0.239	W
S2A	20200212	Hazy	Moderate	Mid-Flood	M	4.85	10:25	9.04	8.02	32.12	20.29	2.96	6	112	0.189	W
S2A	20200212	Hazy	Moderate	Mid-Flood	S	1	10:26	8.75	8.12	32	20.37	3.11	5	112	0.267	NW
S2A	20200212	Hazy	Moderate	Mid-Flood	S	1	10:26	8.83	8.22	32.06	20.4	2.87	6	114	0.203	W
S3	20200212	Hazy	Moderate	Mid-Flood	B	9	9:00	8.92	8.1	31.84	20.24	3.7	8	113	0.272	NW
S3	20200212	Hazy	Moderate	Mid-Flood	B	9	9:00	9	8.14	32.04	20.33	3.68	7	112	0.268	W
S3	20200212	Hazy	Moderate	Mid-Flood	M	5	9:01	8.68	8.23	31.92	20.33	2.94	8	111	0.171	W
S3	20200212	Hazy	Moderate	Mid-Flood	M	5	9:01	9.1	8.22	31.78	20.31	3.09	7	112	0.245	W
S3	20200212	Hazy	Moderate	Mid-Flood	S	1	9:02	8.95	8.03	31.72	20.33	3.01	9	111	0.213	W
S3	20200212	Hazy	Moderate	Mid-Flood	S	1	9:02	8.95	8.03	31.87	20.15	2.99	8	111	0.259	W
B1	20200212	Hazy	Moderate	Mid-Ebb	B	4.1	13:25	8.95	8.14	32.24	20.45	3.24	5	112	0.19	SE
B1	20200212	Hazy	Moderate	Mid-Ebb	B	4.1	13:25	9.26	8.16	31.98	20.55	3.38	6	111	0.194	SE
B1	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:26	8.82	8.19	31.9	20.63	2.57	5	112	0.227	SE
B1	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:26	9.15	8.12	32.04	20.67	2.9	5	111	0.199	SE
B2	20200212	Hazy	Moderate	Mid-Ebb	B	4.8	13:06	9.23	8.21	32.02	20.46	3.44	6	111	0.186	SE
B2	20200212	Hazy	Moderate	Mid-Ebb	B	4.8	13:06	9.14	8.23	32.03	20.64	3.59	6	112	0.116	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
B2	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:07	9.23	8.06	32.25	20.51	2.66	5	111	0.133	E
B2	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:07	9.06	7.99	32.19	20.64	2.97	4	112	0.167	E
B3	20200212	Hazy	Moderate	Mid-Ebb	B	4.3	13:53	9.28	8.01	32.05	20.72	3.7	4	111	0.187	SE
B3	20200212	Hazy	Moderate	Mid-Ebb	B	4.3	13:53	9.29	8.15	32.26	20.57	3.64	4	112	0.214	E
B3	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:54	9.28	8.21	31.95	20.57	2.57	6	112	0.239	SE
B3	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:54	9.13	8.12	31.86	20.65	2.81	5	111	0.25	SE
B4	20200212	Hazy	Moderate	Mid-Ebb	B	3.7	14:02	9.02	8.13	32.3	20.53	3.49	5	112	0.148	SE
B4	20200212	Hazy	Moderate	Mid-Ebb	B	3.7	14:02	9.07	8.22	31.88	20.69	3.39	6	112	0.232	E
B4	20200212	Hazy	Moderate	Mid-Ebb	S	1	14:03	9.25	8.01	31.95	20.62	3.01	5	112	0.19	E
B4	20200212	Hazy	Moderate	Mid-Ebb	S	1	14:03	9.19	8.18	31.8	20.6	2.91	4	113	0.136	E
C1A	20200212	Hazy	Moderate	Mid-Ebb	B	9	13:01	8.84	8.13	32.02	20.56	3.21	5	112	0.151	SE
C1A	20200212	Hazy	Moderate	Mid-Ebb	B	9	13:01	9.25	8.06	32.17	20.62	3.24	5	112	0.228	E
C1A	20200212	Hazy	Moderate	Mid-Ebb	M	5	13:02	9.11	8.15	32.15	20.64	2.88	3	112	0.179	SE
C1A	20200212	Hazy	Moderate	Mid-Ebb	M	5	13:02	9.18	8.17	31.92	20.64	2.91	3	113	0.218	SE
C1A	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:03	9.21	8.06	31.97	20.69	2.84	3	111	0.23	E
C1A	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:03	9.27	8.21	31.96	20.68	3.03	3	112	0.237	SE
C2A	20200212	Hazy	Moderate	Mid-Ebb	B	11.3	14:43	8.85	8.11	32.05	20.58	3.56	4	112	0.244	SE
C2A	20200212	Hazy	Moderate	Mid-Ebb	B	11.3	14:43	9.04	8.04	32.3	20.62	3.6	5	112	0.143	E
C2A	20200212	Hazy	Moderate	Mid-Ebb	M	6.15	14:44	8.84	7.99	32.07	20.54	2.66	4	113	0.132	SE
C2A	20200212	Hazy	Moderate	Mid-Ebb	M	6.15	14:44	8.89	8.19	32.16	20.53	2.82	4	112	0.227	E
C2A	20200212	Hazy	Moderate	Mid-Ebb	S	1	14:45	9.04	8.21	31.92	20.56	2.59	4	112	0.138	E
C2A	20200212	Hazy	Moderate	Mid-Ebb	S	1	14:45	8.91	8.21	32.26	20.5	2.77	4	112	0.157	E
CR1	20200212	Hazy	Moderate	Mid-Ebb	B	12.8	14:18	9.05	8.19	31.99	20.61	3.29	3	112	0.21	SE
CR1	20200212	Hazy	Moderate	Mid-Ebb	B	12.8	14:18	8.91	8.16	32.13	20.63	3.42	4	111	0.138	SE
CR1	20200212	Hazy	Moderate	Mid-Ebb	M	6.9	14:19	8.87	8.2	31.83	20.73	2.67	3	113	0.188	SE
CR1	20200212	Hazy	Moderate	Mid-Ebb	M	6.9	14:19	8.93	8.07	31.92	20.63	2.84	4	111	0.224	SE
CR1	20200212	Hazy	Moderate	Mid-Ebb	S	1	14:20	9.19	8.04	32.08	20.58	2.74	4	112	0.203	E
CR1	20200212	Hazy	Moderate	Mid-Ebb	S	1	14:20	9.11	8.11	31.92	20.64	2.53	5	112	0.215	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
CR2	20200212	Hazy	Moderate	Mid-Ebb	B	11.1	13:49	8.96	8.18	31.86	20.61	3.34	3	112	0.125	E
CR2	20200212	Hazy	Moderate	Mid-Ebb	B	11.1	13:49	8.84	8.07	32.16	20.57	3.44	3	113	0.247	SE
CR2	20200212	Hazy	Moderate	Mid-Ebb	M	6.05	13:50	8.88	8.1	32.12	20.68	2.64	3	113	0.222	SE
CR2	20200212	Hazy	Moderate	Mid-Ebb	M	6.05	13:50	8.86	8.16	32.21	20.59	2.75	3	113	0.223	SE
CR2	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:51	9.01	8.12	32.28	20.62	2.65	4	114	0.124	SE
CR2	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:51	9.11	8.1	32.3	20.56	2.63	2	112	0.184	E
F1A	20200212	Hazy	Moderate	Mid-Ebb	B	7.8	14:25	9.22	8.12	32.07	20.72	3.5	6	112	0.197	SE
F1A	20200212	Hazy	Moderate	Mid-Ebb	B	7.8	14:25	9.08	8.02	32.23	20.72	3.34	6	113	0.134	SE
F1A	20200212	Hazy	Moderate	Mid-Ebb	M	4.4	14:26	8.92	8.03	31.83	20.61	2.81	4	112	0.235	SE
F1A	20200212	Hazy	Moderate	Mid-Ebb	M	4.4	14:26	8.83	8.02	32.05	20.59	2.52	5	113	0.132	SE
F1A	20200212	Hazy	Moderate	Mid-Ebb	S	1	14:27	9.06	7.99	32.24	20.6	2.7	3	112	0.128	SE
F1A	20200212	Hazy	Moderate	Mid-Ebb	S	1	14:27	9.17	8.2	32.07	20.71	2.47	4	113	0.233	E
H1	20200212	Hazy	Moderate	Mid-Ebb	B	7.7	13:30	9.19	8.19	32	20.48	3.42	4	113	0.21	E
H1	20200212	Hazy	Moderate	Mid-Ebb	B	7.7	13:30	9.02	8.07	31.99	20.51	3.21	3	111	0.19	SE
H1	20200212	Hazy	Moderate	Mid-Ebb	M	4.35	13:31	8.92	8.06	32.06	20.58	2.83	4	112	0.119	E
H1	20200212	Hazy	Moderate	Mid-Ebb	M	4.35	13:31	9.11	8.16	32.11	20.6	2.66	3	113	0.239	SE
H1	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:32	9.02	8.06	32.14	20.53	2.85	5	113	0.213	SE
H1	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:32	9.04	8.16	32.2	20.55	3.04	4	111	0.191	SE
M1	20200212	Hazy	Moderate	Mid-Ebb	B	8.7	14:46	8.87	8.02	32.11	20.46	3.26	3	112	0.222	SE
M1	20200212	Hazy	Moderate	Mid-Ebb	B	8.7	14:46	9	8.19	31.98	20.56	3.41	2	112	0.119	E
M1	20200212	Hazy	Moderate	Mid-Ebb	M	4.85	14:47	8.92	8.05	32.07	20.52	3.01	3	113	0.199	E
M1	20200212	Hazy	Moderate	Mid-Ebb	M	4.85	14:47	8.91	8.21	31.9	20.63	3.04	3	112	0.229	SE
M1	20200212	Hazy	Moderate	Mid-Ebb	S	1	14:48	8.98	8.14	32.11	20.49	3.01	3	111	0.17	SE
M1	20200212	Hazy	Moderate	Mid-Ebb	S	1	14:48	9.11	8.06	31.84	20.44	2.76	3	113	0.122	SE
S1	20200212	Hazy	Moderate	Mid-Ebb	B	4	13:16	8.96	8.05	32.23	20.7	3.01	4	113	0.137	SE
S1	20200212	Hazy	Moderate	Mid-Ebb	B	4	13:16	8.89	8.22	32.3	20.51	3.47	4	110	0.148	SE
S1	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:17	9.21	8.21	32.29	20.52	2.85	4	110	0.171	SE
S1	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:17	9.07	8.2	32.08	20.57	2.46	5	112	0.225	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	20200212	Hazy	Moderate	Mid-Ebb	B	8.6	13:39	9.29	8.13	32.12	20.61	3.01	6	112	0.177	SE
S2A	20200212	Hazy	Moderate	Mid-Ebb	B	8.6	13:39	9.06	8.2	32.08	20.51	3.24	6	112	0.233	SE
S2A	20200212	Hazy	Moderate	Mid-Ebb	M	4.8	13:40	8.83	8.23	31.88	20.68	2.5	5	112	0.18	E
S2A	20200212	Hazy	Moderate	Mid-Ebb	M	4.8	13:40	8.89	8.11	31.89	20.59	2.52	5	113	0.251	SE
S2A	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:41	9.03	8.05	32.26	20.47	2.49	3	113	0.16	SE
S2A	20200212	Hazy	Moderate	Mid-Ebb	S	1	13:41	9.24	8.18	31.96	20.51	2.93	4	113	0.2	SE
S3	20200212	Hazy	Moderate	Mid-Ebb	B	9.8	14:03	8.86	8.16	32.02	20.54	3.14	4	113	0.216	SE
S3	20200212	Hazy	Moderate	Mid-Ebb	B	9.8	14:03	8.86	8.09	31.98	20.61	3.34	5	112	0.13	SE
S3	20200212	Hazy	Moderate	Mid-Ebb	M	5.4	14:04	8.82	8.23	31.88	20.56	2.6	4	114	0.18	SE
S3	20200212	Hazy	Moderate	Mid-Ebb	M	5.4	14:04	9.23	8.09	32.27	20.62	2.87	4	112	0.165	E
S3	20200212	Hazy	Moderate	Mid-Ebb	S	1	14:05	9.26	8.07	32.05	20.61	3.01	4	113	0.156	SE
S3	20200212	Hazy	Moderate	Mid-Ebb	S	1	14:05	9.17	8.24	32.08	20.73	3.09	4	112	0.174	E
B1	20200214	Sunny	Moderate	Mid-Flood	B	3.7	11:21	9.46	8.13	32.08	19.76	3.16	4	110	0.261	W
B1	20200214	Sunny	Moderate	Mid-Flood	B	3.7	11:21	9.38	8.11	32.32	19.7	3.44	6	112	0.177	W
B1	20200214	Sunny	Moderate	Mid-Flood	S	1	11:22	9.01	8.21	32.46	19.71	2.93	4	111	0.175	NW
B1	20200214	Sunny	Moderate	Mid-Flood	S	1	11:22	9.28	8.09	32.28	19.67	3.14	5	109	0.281	W
B2	20200214	Sunny	Moderate	Mid-Flood	B	4.2	11:38	9.39	8.13	31.9	19.71	3.1	5	109	0.266	W
B2	20200214	Sunny	Moderate	Mid-Flood	B	4.2	11:38	9	8.02	32.4	19.72	3.44	5	112	0.228	W
B2	20200214	Sunny	Moderate	Mid-Flood	S	1	11:39	9.2	8.09	32.11	19.62	2.61	6	111	0.219	W
B2	20200214	Sunny	Moderate	Mid-Flood	S	1	11:39	8.97	8.07	31.97	19.69	2.88	5	110	0.227	W
B3	20200214	Sunny	Moderate	Mid-Flood	B	3.3	10:55	9	8.16	32.13	19.77	3.67	5	111	0.214	W
B3	20200214	Sunny	Moderate	Mid-Flood	B	3.3	10:55	9.15	8.23	32.12	19.6	3.63	4	112	0.242	W
B3	20200214	Sunny	Moderate	Mid-Flood	S	1	10:56	9.54	8.08	32.09	19.79	2.83	4	111	0.232	NW
B3	20200214	Sunny	Moderate	Mid-Flood	S	1	10:56	9.43	8.03	32.12	19.59	2.69	5	111	0.234	NW
B4	20200214	Sunny	Moderate	Mid-Flood	B	3.8	10:48	9.5	8.16	32.15	19.63	3.72	5	112	0.258	W
B4	20200214	Sunny	Moderate	Mid-Flood	B	3.8	10:48	9.48	8.19	32.14	19.61	3.36	6	111	0.279	NW
B4	20200214	Sunny	Moderate	Mid-Flood	S	1	10:49	9.49	8.21	32.3	19.63	3.08	5	112	0.177	W
B4	20200214	Sunny	Moderate	Mid-Flood	S	1	10:49	9.36	8.22	32	19.53	2.98	4	112	0.195	W

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	20200214	Sunny	Moderate	Mid-Flood	B	10.9	9:44	9.43	8.09	32.02	19.63	3.29	3	110	0.251	NW
C1A	20200214	Sunny	Moderate	Mid-Flood	B	10.9	9:44	8.86	8.2	32.31	19.56	3.17	2	110	0.266	W
C1A	20200214	Sunny	Moderate	Mid-Flood	M	5.95	9:45	9.24	8.16	32.2	19.7	2.9	3	111	0.277	W
C1A	20200214	Sunny	Moderate	Mid-Flood	M	5.95	9:45	9.52	8.04	32	19.78	2.8	2	112	0.195	W
C1A	20200214	Sunny	Moderate	Mid-Flood	S	1	9:46	9.17	8.03	32.42	19.58	2.77	4	110	0.18	W
C1A	20200214	Sunny	Moderate	Mid-Flood	S	1	9:46	9.29	8.14	32.35	19.54	2.64	4	112	0.253	W
C2A	20200214	Sunny	Moderate	Mid-Flood	B	10.6	8:27	9.25	8.13	32.52	19.45	3.41	4	110	0.204	W
C2A	20200214	Sunny	Moderate	Mid-Flood	B	10.6	8:27	8.86	8.06	32.47	19.62	3.4	4	111	0.209	W
C2A	20200214	Sunny	Moderate	Mid-Flood	M	5.8	8:28	9.04	8.02	32.31	19.48	3.09	5	110	0.246	W
C2A	20200214	Sunny	Moderate	Mid-Flood	M	5.8	8:28	9.49	8.11	32.53	19.51	2.84	5	111	0.23	W
C2A	20200214	Sunny	Moderate	Mid-Flood	S	1	8:29	9.3	8.16	32.51	19.67	3.02	5	112	0.238	NW
C2A	20200214	Sunny	Moderate	Mid-Flood	S	1	8:29	9.21	8.07	31.99	19.65	2.88	6	111	0.256	NW
CR1	20200214	Sunny	Moderate	Mid-Flood	B	11.9	8:55	9.53	8.05	31.98	19.51	3.51	6	111	0.201	W
CR1	20200214	Sunny	Moderate	Mid-Flood	B	11.9	8:55	9.28	8.2	32.28	19.7	3.31	8	110	0.269	W
CR1	20200214	Sunny	Moderate	Mid-Flood	M	6.45	8:56	9.6	8.08	31.95	19.67	3.15	9	112	0.168	W
CR1	20200214	Sunny	Moderate	Mid-Flood	M	6.45	8:56	8.87	8.08	32.3	19.62	3.19	8	111	0.211	W
CR1	20200214	Sunny	Moderate	Mid-Flood	S	1	8:57	9.37	8.03	32.32	19.71	2.82	11	111	0.214	W
CR1	20200214	Sunny	Moderate	Mid-Flood	S	1	8:57	9.56	8.11	32.53	19.7	3.08	12	112	0.237	W
CR2	20200214	Sunny	Moderate	Mid-Flood	B	10.3	9:13	9.14	8	32.55	19.56	3.46	6	111	0.223	W
CR2	20200214	Sunny	Moderate	Mid-Flood	B	10.3	9:13	9.02	8.09	32.2	19.54	3.12	5	112	0.264	W
CR2	20200214	Sunny	Moderate	Mid-Flood	M	5.65	9:14	9.02	8.2	32.26	19.5	2.81	7	112	0.209	W
CR2	20200214	Sunny	Moderate	Mid-Flood	M	5.65	9:14	8.97	8.13	32.08	19.45	2.97	8	111	0.282	NW
CR2	20200214	Sunny	Moderate	Mid-Flood	S	1	9:15	8.86	8.2	32.53	19.61	3.1	8	111	0.237	NW
CR2	20200214	Sunny	Moderate	Mid-Flood	S	1	9:15	8.99	8.09	32.07	19.48	3.1	8	111	0.214	W
F1A	20200214	Sunny	Moderate	Mid-Flood	B	7.3	10:25	9.56	8.15	32.41	19.49	3.67	3	110	0.262	W
F1A	20200214	Sunny	Moderate	Mid-Flood	B	7.3	10:25	9.58	8.11	32.07	19.55	3.13	2	110	0.197	NW
F1A	20200214	Sunny	Moderate	Mid-Flood	M	4.15	10:26	9.15	8.13	32.27	19.6	2.94	3	110	0.191	W
F1A	20200214	Sunny	Moderate	Mid-Flood	M	4.15	10:26	9.31	8.13	32.4	19.63	2.82	4	110	0.276	W

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	20200214	Sunny	Moderate	Mid-Flood	S	1	10:27	9.32	8.19	32.5	19.58	2.74	4	110	0.272	W
F1A	20200214	Sunny	Moderate	Mid-Flood	S	1	10:27	9.28	8.22	32.54	19.74	3.07	3	111	0.279	W
H1	20200214	Sunny	Moderate	Mid-Flood	B	7.6	10:17	8.93	8.12	32.34	19.75	3.15	4	111	0.279	W
H1	20200214	Sunny	Moderate	Mid-Flood	B	7.6	10:17	9.46	8.02	32.25	19.51	3.41	5	112	0.246	W
H1	20200214	Sunny	Moderate	Mid-Flood	M	4.3	10:18	9.07	8.15	31.93	19.79	2.82	6	110	0.256	W
H1	20200214	Sunny	Moderate	Mid-Flood	M	4.3	10:18	9.04	8.11	32.32	19.79	2.84	6	111	0.168	W
H1	20200214	Sunny	Moderate	Mid-Flood	S	1	10:19	9.3	8.08	32.18	19.66	2.97	6	111	0.278	NW
H1	20200214	Sunny	Moderate	Mid-Flood	S	1	10:19	9.38	8.06	32.49	19.61	2.98	4	111	0.198	W
M1	20200214	Sunny	Moderate	Mid-Flood	B	7.1	10:03	9.25	8.16	31.93	19.49	3.45	5	111	0.193	W
M1	20200214	Sunny	Moderate	Mid-Flood	B	7.1	10:03	9.56	8.21	32.25	19.51	3.22	5	112	0.225	NW
M1	20200214	Sunny	Moderate	Mid-Flood	M	4.05	10:04	9.33	8.01	31.95	19.6	2.86	4	110	0.195	W
M1	20200214	Sunny	Moderate	Mid-Flood	M	4.05	10:04	9.41	8.19	32.42	19.5	2.91	5	111	0.2	W
M1	20200214	Sunny	Moderate	Mid-Flood	S	1	10:05	9.13	8.17	31.91	19.75	2.82	5	111	0.235	W
M1	20200214	Sunny	Moderate	Mid-Flood	S	1	10:05	9.16	8.23	32.45	19.73	2.63	4	111	0.249	W
S1	20200214	Sunny	Moderate	Mid-Flood	B	4.4	11:29	9.54	8.02	32.32	19.73	3.21	4	110	0.279	W
S1	20200214	Sunny	Moderate	Mid-Flood	B	4.4	11:29	9.24	8.23	32.3	19.6	3.31	3	110	0.175	W
S1	20200214	Sunny	Moderate	Mid-Flood	S	1	11:30	8.95	8.12	32.35	19.65	2.65	3	110	0.242	W
S1	20200214	Sunny	Moderate	Mid-Flood	S	1	11:30	9.06	8.15	32.07	19.71	2.57	2	112	0.196	W
S2A	20200214	Sunny	Moderate	Mid-Flood	B	8.7	11:08	9.54	8.07	32.31	19.57	3.18	8	112	0.176	NW
S2A	20200214	Sunny	Moderate	Mid-Flood	B	8.7	11:08	9.1	8.06	32.32	19.74	3.38	9	111	0.193	NW
S2A	20200214	Sunny	Moderate	Mid-Flood	M	4.85	11:09	8.86	8.14	32.52	19.52	3.13	9	111	0.242	NW
S2A	20200214	Sunny	Moderate	Mid-Flood	M	4.85	11:09	9.06	8.19	32.11	19.69	2.99	8	112	0.238	W
S2A	20200214	Sunny	Moderate	Mid-Flood	S	1	11:10	9.08	8.08	32.37	19.7	3.07	9	110	0.234	W
S2A	20200214	Sunny	Moderate	Mid-Flood	S	1	11:10	9.02	8.02	32.05	19.56	2.82	10	111	0.203	W
S3	20200214	Sunny	Moderate	Mid-Flood	B	9.7	9:23	9.42	8	32.12	19.59	3.29	8	110	0.175	W
S3	20200214	Sunny	Moderate	Mid-Flood	B	9.7	9:23	9.53	8.11	32.43	19.7	3.8	7	112	0.282	NW
S3	20200214	Sunny	Moderate	Mid-Flood	M	5.35	9:24	9.32	8.2	32.32	19.5	3.08	6	110	0.181	NW
S3	20200214	Sunny	Moderate	Mid-Flood	M	5.35	9:24	9.13	8.09	32.44	19.77	3.16	8	110	0.203	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
S3	20200214	Sunny	Moderate	Mid-Flood	S	1	9:25	9.07	8.2	32.36	19.75	2.98	8	111	0.28	W
S3	20200214	Sunny	Moderate	Mid-Flood	S	1	9:25	9.39	8.14	32.05	19.73	2.97	8	111	0.23	W
B1	20200214	Sunny	Moderate	Mid-Ebb	B	3.9	14:58	9.18	8.23	31.98	20.41	3.4	5	111	0.178	E
B1	20200214	Sunny	Moderate	Mid-Ebb	B	3.9	14:58	8.96	8.18	31.94	20.25	3.67	4	112	0.185	SE
B1	20200214	Sunny	Moderate	Mid-Ebb	S	1	14:59	9.22	8.18	32.3	20.41	2.98	5	112	0.243	SE
B1	20200214	Sunny	Moderate	Mid-Ebb	S	1	14:59	9.17	8.16	32.38	20.27	3.12	6	111	0.235	SE
B2	20200214	Sunny	Moderate	Mid-Ebb	B	4.3	14:40	8.89	8.01	32.23	20.3	3.56	4	112	0.167	SE
B2	20200214	Sunny	Moderate	Mid-Ebb	B	4.3	14:40	9.23	8.07	31.88	20.41	3.26	5	111	0.215	SE
B2	20200214	Sunny	Moderate	Mid-Ebb	S	1	14:41	8.94	8.12	32.22	20.22	3.16	6	111	0.192	E
B2	20200214	Sunny	Moderate	Mid-Ebb	S	1	14:41	9.33	8.18	32.37	20.28	2.91	7	112	0.193	E
B3	20200214	Sunny	Moderate	Mid-Ebb	B	3.4	15:26	9.32	8.18	32.24	20.28	3.43	4	112	0.183	SE
B3	20200214	Sunny	Moderate	Mid-Ebb	B	3.4	15:26	9.31	8.12	32.16	20.49	3.62	4	112	0.221	E
B3	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:27	9.04	8.23	32.09	20.37	2.85	3	112	0.207	E
B3	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:27	8.72	8.09	32.34	20.36	3.17	3	113	0.25	SE
B4	20200214	Sunny	Moderate	Mid-Ebb	B	3.4	15:33	8.73	8.17	32.39	20.34	3.53	6	111	0.187	SE
B4	20200214	Sunny	Moderate	Mid-Ebb	B	3.4	15:33	9.33	8	32.2	20.48	3.75	6	111	0.214	SE
B4	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:34	8.78	8.05	31.89	20.35	2.8	3	111	0.209	SE
B4	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:34	9.12	8.06	32.04	20.45	3.02	4	112	0.204	SE
C1A	20200214	Sunny	Moderate	Mid-Ebb	B	8.7	14:39	9.16	8.04	31.85	20.38	3.7	4	110	0.235	SE
C1A	20200214	Sunny	Moderate	Mid-Ebb	B	8.7	14:39	9.23	8.21	31.81	20.34	3.17	4	111	0.208	SE
C1A	20200214	Sunny	Moderate	Mid-Ebb	M	4.85	14:40	8.74	8.19	32.04	20.2	2.92	6	113	0.246	SE
C1A	20200214	Sunny	Moderate	Mid-Ebb	M	4.85	14:40	8.86	8.05	32.02	20.27	2.87	6	112	0.243	SE
C1A	20200214	Sunny	Moderate	Mid-Ebb	S	1	14:41	9.18	8.14	32.03	20.41	2.91	5	111	0.212	SE
C1A	20200214	Sunny	Moderate	Mid-Ebb	S	1	14:41	8.86	8.14	31.96	20.41	2.96	6	111	0.16	E
C2A	20200214	Sunny	Moderate	Mid-Ebb	B	11.2	16:13	9.06	8.1	32.15	20.35	3.55	3	112	0.236	SE
C2A	20200214	Sunny	Moderate	Mid-Ebb	B	11.2	16:13	9.14	8.06	32.26	20.17	3.34	4	112	0.237	SE
C2A	20200214	Sunny	Moderate	Mid-Ebb	M	6.1	16:14	8.91	8.08	32.35	20.27	2.79	5	111	0.197	SE
C2A	20200214	Sunny	Moderate	Mid-Ebb	M	6.1	16:14	9.19	8.08	32.1	20.18	2.61	5	111	0.189	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
C2A	20200214	Sunny	Moderate	Mid-Ebb	S	1	16:15	8.92	8.04	31.8	20.37	2.72	5	112	0.172	SE
C2A	20200214	Sunny	Moderate	Mid-Ebb	S	1	16:15	9.28	8.03	32.3	20.27	2.93	4	112	0.207	E
CR1	20200214	Sunny	Moderate	Mid-Ebb	B	12.1	15:50	9.2	8	31.86	20.32	3.24	6	112	0.158	E
CR1	20200214	Sunny	Moderate	Mid-Ebb	B	12.1	15:50	9.47	8.1	32.3	20.31	3.65	6	112	0.198	SE
CR1	20200214	Sunny	Moderate	Mid-Ebb	M	6.55	15:51	9.43	8.05	31.81	20.21	3.08	4	112	0.21	E
CR1	20200214	Sunny	Moderate	Mid-Ebb	M	6.55	15:51	9.41	8.09	32.35	20.34	3.05	4	112	0.233	SE
CR1	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:52	9.42	8.05	32.34	20.32	2.94	4	111	0.214	E
CR1	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:52	9.39	8.05	31.84	20.32	3.09	4	112	0.162	SE
CR2	20200214	Sunny	Moderate	Mid-Ebb	B	9.9	15:25	9.02	8.2	31.92	20.33	3.14	7	113	0.178	SE
CR2	20200214	Sunny	Moderate	Mid-Ebb	B	9.9	15:25	8.91	8.08	31.82	20.37	3.55	8	110	0.214	SE
CR2	20200214	Sunny	Moderate	Mid-Ebb	M	5.45	15:26	9.13	8.07	32.21	20.36	2.93	7	111	0.187	SE
CR2	20200214	Sunny	Moderate	Mid-Ebb	M	5.45	15:26	9.13	8.21	31.89	20.33	2.75	6	112	0.17	SE
CR2	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:27	9.06	8.12	32.4	20.36	2.66	7	112	0.205	SE
CR2	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:27	8.96	8.12	31.83	20.42	2.9	7	112	0.17	SE
F1A	20200214	Sunny	Moderate	Mid-Ebb	B	8.1	15:54	9.49	7.99	32.05	20.31	3.53	5	111	0.163	SE
F1A	20200214	Sunny	Moderate	Mid-Ebb	B	8.1	15:54	8.73	8.04	32.17	20.35	3.49	6	110	0.242	SE
F1A	20200214	Sunny	Moderate	Mid-Ebb	M	4.55	15:55	9.33	8.17	32.26	20.36	2.95	5	112	0.239	SE
F1A	20200214	Sunny	Moderate	Mid-Ebb	M	4.55	15:55	9.07	8.2	32.3	20.39	2.82	6	111	0.214	E
F1A	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:56	8.91	8.12	32.09	20.3	2.99	7	112	0.157	SE
F1A	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:56	9.13	8.24	32.36	20.31	2.76	6	112	0.194	SE
H1	20200214	Sunny	Moderate	Mid-Ebb	B	6.8	15:08	9.02	8.14	31.89	20.32	3.7	6	112	0.168	SE
H1	20200214	Sunny	Moderate	Mid-Ebb	B	6.8	15:08	8.74	8.17	32.38	20.35	3.55	7	111	0.249	SE
H1	20200214	Sunny	Moderate	Mid-Ebb	M	3.9	15:09	9.06	8.14	32.28	20.35	3	5	112	0.2	E
H1	20200214	Sunny	Moderate	Mid-Ebb	M	3.9	15:09	8.89	8.01	32.04	20.43	2.73	6	111	0.179	E
H1	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:10	9.22	8.2	31.95	20.45	3.17	5	110	0.186	E
H1	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:10	8.96	8.05	32	20.35	2.7	4	112	0.234	SE
M1	20200214	Sunny	Moderate	Mid-Ebb	B	8.7	16:12	8.91	8.01	31.91	20.18	3.7	5	109	0.233	E
M1	20200214	Sunny	Moderate	Mid-Ebb	B	8.7	16:12	9.48	8.04	32.28	20.15	3.39	6	110	0.199	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	20200214	Sunny	Moderate	Mid-Ebb	M	4.85	16:13	9.24	8.2	32.27	20.15	3.12	6	110	0.183	SE
M1	20200214	Sunny	Moderate	Mid-Ebb	M	4.85	16:13	9.35	8.08	31.81	20.35	3.05	6	110	0.177	E
M1	20200214	Sunny	Moderate	Mid-Ebb	S	1	16:14	9.23	8.2	31.8	20.19	2.87	5	110	0.233	SE
M1	20200214	Sunny	Moderate	Mid-Ebb	S	1	16:14	9.23	8.2	31.87	20.28	2.64	5	111	0.248	SE
S1	20200214	Sunny	Moderate	Mid-Ebb	B	3.9	14:49	9.26	8.04	32.02	20.22	3.18	7	112	0.175	SE
S1	20200214	Sunny	Moderate	Mid-Ebb	B	3.9	14:49	8.92	8.17	32.03	20.25	3.26	6	112	0.165	E
S1	20200214	Sunny	Moderate	Mid-Ebb	S	1	14:50	9.05	8.1	31.91	20.31	2.69	6	110	0.25	SE
S1	20200214	Sunny	Moderate	Mid-Ebb	S	1	14:50	9.14	8.21	32.12	20.44	2.89	5	111	0.251	SE
S2A	20200214	Sunny	Moderate	Mid-Ebb	B	7.8	15:12	8.92	8.03	32.34	20.34	3.63	6	112	0.174	SE
S2A	20200214	Sunny	Moderate	Mid-Ebb	B	7.8	15:12	8.81	8.07	32.34	20.3	3.71	7	112	0.19	E
S2A	20200214	Sunny	Moderate	Mid-Ebb	M	4.4	15:13	9.45	8.11	31.97	20.43	2.9	6	112	0.22	SE
S2A	20200214	Sunny	Moderate	Mid-Ebb	M	4.4	15:13	9.1	8.14	32.31	20.31	2.67	6	112	0.229	E
S2A	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:14	8.77	8.02	31.91	20.43	2.7	7	111	0.205	SE
S2A	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:14	9.16	8.08	31.97	20.47	3.07	8	112	0.165	E
S3	20200214	Sunny	Moderate	Mid-Ebb	B	9.4	15:36	9.34	8.14	32.32	20.37	3.42	4	111	0.18	SE
S3	20200214	Sunny	Moderate	Mid-Ebb	B	9.4	15:36	9.39	8.05	32.21	20.35	3.79	5	111	0.188	SE
S3	20200214	Sunny	Moderate	Mid-Ebb	M	5.2	15:37	9.06	8.18	31.89	20.45	2.89	5	112	0.18	E
S3	20200214	Sunny	Moderate	Mid-Ebb	M	5.2	15:37	9	8.13	32.05	20.32	2.85	5	112	0.16	SE
S3	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:38	8.73	8.01	32.12	20.42	2.69	5	112	0.184	E
S3	20200214	Sunny	Moderate	Mid-Ebb	S	1	15:38	8.8	8.17	32.12	20.49	3.15	5	112	0.197	SE
B1	20200217	Sunny	Moderate	Mid-Flood	B	3.9	13:30	7.66	8.14	30.2	16.75	3.42	5	113	0.266	NW
B1	20200217	Sunny	Moderate	Mid-Flood	B	3.9	13:30	7.74	8.17	30.66	16.89	3.38	5	112	0.262	W
B1	20200217	Sunny	Moderate	Mid-Flood	S	1	13:31	7.51	8.11	30.56	16.76	2.66	7	109	0.273	W
B1	20200217	Sunny	Moderate	Mid-Flood	S	1	13:31	7.67	8.22	30.43	16.82	2.91	7	112	0.214	W
B2	20200217	Sunny	Moderate	Mid-Flood	B	3.4	13:46	7.69	8.07	30.94	16.69	3.08	7	111	0.263	NW
B2	20200217	Sunny	Moderate	Mid-Flood	B	3.4	13:46	7.55	8.21	30.88	16.87	3.3	6	112	0.245	W
B2	20200217	Sunny	Moderate	Mid-Flood	S	1	13:47	7.34	8.18	30.28	16.84	2.52	6	111	0.213	NW
B2	20200217	Sunny	Moderate	Mid-Flood	S	1	13:47	7.51	8.07	30.71	16.91	2.57	7	111	0.217	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	20200217	Sunny	Moderate	Mid-Flood	B	4.1	13:04	7.54	8.09	30.61	16.77	3.18	7	112	0.285	W
B3	20200217	Sunny	Moderate	Mid-Flood	B	4.1	13:04	7.7	8.07	30.71	16.8	3.5	6	111	0.238	W
B3	20200217	Sunny	Moderate	Mid-Flood	S	1	13:05	7.81	8.05	30.28	16.78	2.66	7	112	0.234	W
B3	20200217	Sunny	Moderate	Mid-Flood	S	1	13:05	7.3	8.19	30.23	16.76	2.42	6	111	0.239	W
B4	20200217	Sunny	Moderate	Mid-Flood	B	4.6	12:57	7.79	8.22	30.93	16.66	3.53	7	111	0.236	NW
B4	20200217	Sunny	Moderate	Mid-Flood	B	4.6	12:57	7.38	8.22	30.74	16.82	3.61	6	112	0.247	W
B4	20200217	Sunny	Moderate	Mid-Flood	S	1	12:58	7.63	8.08	30.5	16.75	2.72	5	111	0.245	W
B4	20200217	Sunny	Moderate	Mid-Flood	S	1	12:58	7.43	8.23	30.56	16.82	2.62	6	112	0.291	W
C1A	20200217	Sunny	Moderate	Mid-Flood	B	10.9	12:41	7.47	8.14	30.48	16.87	3.1	9	113	0.195	W
C1A	20200217	Sunny	Moderate	Mid-Flood	B	10.9	12:41	7.35	8.05	30.45	16.6	3.16	10	113	0.182	NW
C1A	20200217	Sunny	Moderate	Mid-Flood	M	5.95	12:42	7.33	8.05	30.21	16.74	2.99	9	111	0.242	NW
C1A	20200217	Sunny	Moderate	Mid-Flood	M	5.95	12:42	7.64	8.22	30.78	16.74	2.66	8	112	0.292	W
C1A	20200217	Sunny	Moderate	Mid-Flood	S	1	12:43	7.76	8.18	30.32	16.61	2.65	7	111	0.208	NW
C1A	20200217	Sunny	Moderate	Mid-Flood	S	1	12:43	7.28	8.23	30.4	16.84	2.7	7	111	0.281	NW
C2A	20200217	Sunny	Moderate	Mid-Flood	B	10.3	11:25	8.96	8.23	31.86	16.73	3.24	8	114	0.188	W
C2A	20200217	Sunny	Moderate	Mid-Flood	B	10.3	11:25	7.38	8.08	30.74	16.78	2.97	8	112	0.257	W
C2A	20200217	Sunny	Moderate	Mid-Flood	M	5.65	11:26	7.33	8.14	30.32	16.69	2.57	7	111	0.259	W
C2A	20200217	Sunny	Moderate	Mid-Flood	M	5.65	11:26	7.41	8.16	30.29	16.66	2.71	8	114	0.29	W
C2A	20200217	Sunny	Moderate	Mid-Flood	S	1	11:27	7.73	8.05	30.92	16.5	2.73	7	115	0.206	W
C2A	20200217	Sunny	Moderate	Mid-Flood	S	1	11:27	7.75	8.13	30.68	16.83	2.7	8	113	0.281	NW
CR1	20200217	Sunny	Moderate	Mid-Flood	B	12.1	11:50	7.54	8.19	30.51	16.76	2.9	9	111	0.256	W
CR1	20200217	Sunny	Moderate	Mid-Flood	B	12.1	11:50	7.58	8.19	30.58	16.55	3.12	8	111	0.244	W
CR1	20200217	Sunny	Moderate	Mid-Flood	M	6.55	11:51	7.25	8.2	30.32	16.62	2.74	7	112	0.178	W
CR1	20200217	Sunny	Moderate	Mid-Flood	M	6.55	11:51	7.4	8.06	30.6	16.78	2.93	8	111	0.18	W
CR1	20200217	Sunny	Moderate	Mid-Flood	S	1	11:52	7.35	8.08	30.95	16.52	2.94	8	111	0.286	W
CR1	20200217	Sunny	Moderate	Mid-Flood	S	1	11:52	7.46	8.09	30.55	16.59	2.42	6	112	0.213	W
CR2	20200217	Sunny	Moderate	Mid-Flood	B	10	12:07	7.8	8.06	30.54	16.54	3.4	10	111	0.254	W
CR2	20200217	Sunny	Moderate	Mid-Flood	B	10	12:07	7.69	8.22	30.64	16.81	3.2	11	111	0.28	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	20200217	Sunny	Moderate	Mid-Flood	M	5.5	12:08	7.28	8.09	30.53	16.68	2.9	7	112	0.223	W
CR2	20200217	Sunny	Moderate	Mid-Flood	M	5.5	12:08	7.72	8.14	30.58	16.81	2.83	6	110	0.246	W
CR2	20200217	Sunny	Moderate	Mid-Flood	S	1	12:09	7.41	8.19	30.34	16.71	2.45	7	113	0.244	W
CR2	20200217	Sunny	Moderate	Mid-Flood	S	1	12:09	7.26	8.05	30.91	16.51	2.7	7	112	0.238	W
F1A	20200217	Sunny	Moderate	Mid-Flood	B	7.4	12:34	7.44	8.23	30.32	16.77	2.93	9	112	0.195	NW
F1A	20200217	Sunny	Moderate	Mid-Flood	B	7.4	12:34	7.73	8.08	30.75	16.67	3.13	8	111	0.288	W
F1A	20200217	Sunny	Moderate	Mid-Flood	M	4.2	12:35	7.35	8.06	30.77	16.53	2.84	10	113	0.288	NW
F1A	20200217	Sunny	Moderate	Mid-Flood	M	4.2	12:35	7.34	8.08	30.53	16.73	2.79	10	114	0.207	W
F1A	20200217	Sunny	Moderate	Mid-Flood	S	1	12:36	7.69	8.18	30.61	16.65	2.64	10	114	0.209	NW
F1A	20200217	Sunny	Moderate	Mid-Flood	S	1	12:36	7.35	8.21	30.67	16.53	2.63	9	112	0.21	W
H1	20200217	Sunny	Moderate	Mid-Flood	B	6.8	13:13	7.58	8.23	30.29	16.84	3.11	5	111	0.228	W
H1	20200217	Sunny	Moderate	Mid-Flood	B	6.8	13:13	7.37	8.23	30.44	16.83	2.88	6	113	0.265	W
H1	20200217	Sunny	Moderate	Mid-Flood	M	3.9	13:14	7.59	8.05	30.65	16.78	2.95	8	112	0.259	W
H1	20200217	Sunny	Moderate	Mid-Flood	M	3.9	13:14	7.49	8.05	30.21	16.65	3.04	8	111	0.178	W
H1	20200217	Sunny	Moderate	Mid-Flood	S	1	13:15	7.8	8.09	30.54	16.74	2.82	8	111	0.181	W
H1	20200217	Sunny	Moderate	Mid-Flood	S	1	13:15	7.81	8.05	30.65	16.9	2.58	8	112	0.26	NW
M1	20200217	Sunny	Moderate	Mid-Flood	B	7.7	12:14	7.28	8.06	30.6	16.6	3.35	8	113	0.219	W
M1	20200217	Sunny	Moderate	Mid-Flood	B	7.7	12:14	7.78	8.06	30.31	16.55	3.17	9	112	0.231	W
M1	20200217	Sunny	Moderate	Mid-Flood	M	4.35	12:15	7.52	8.21	30.92	16.71	2.54	7	112	0.264	NW
M1	20200217	Sunny	Moderate	Mid-Flood	M	4.35	12:15	7.76	8.09	30.27	16.57	3.12	8	112	0.178	NW
M1	20200217	Sunny	Moderate	Mid-Flood	S	1	12:16	7.79	8.15	30.24	16.83	2.68	8	112	0.291	NW
M1	20200217	Sunny	Moderate	Mid-Flood	S	1	12:16	7.55	8.06	30.75	16.8	2.53	8	112	0.276	W
S1	20200217	Sunny	Moderate	Mid-Flood	B	4.3	13:38	7.67	8.1	30.79	16.81	3.15	8	112	0.243	W
S1	20200217	Sunny	Moderate	Mid-Flood	B	4.3	13:38	7.25	8.22	30.2	16.69	3.04	7	112	0.288	W
S1	20200217	Sunny	Moderate	Mid-Flood	S	1	13:39	7.27	8.05	30.57	16.71	2.93	8	112	0.215	W
S1	20200217	Sunny	Moderate	Mid-Flood	S	1	13:39	7.8	8.18	30.23	16.67	2.53	9	113	0.199	W
S2A	20200217	Sunny	Moderate	Mid-Flood	B	8.8	13:18	7.51	8.06	30.38	16.68	3.25	6	114	0.191	NW
S2A	20200217	Sunny	Moderate	Mid-Flood	B	8.8	13:18	7.68	8.21	30.3	16.77	3.22	6	113	0.25	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20200217	Sunny	Moderate	Mid-Flood	M	4.9	13:19	7.61	8.06	30.91	16.68	2.66	7	113	0.276	W
S2A	20200217	Sunny	Moderate	Mid-Flood	M	4.9	13:19	7.6	8.2	30.37	16.67	3.07	8	113	0.271	W
S2A	20200217	Sunny	Moderate	Mid-Flood	S	1	13:20	7.31	8.12	30.44	16.75	2.43	8	114	0.256	W
S2A	20200217	Sunny	Moderate	Mid-Flood	S	1	13:20	7.59	8.05	30.89	16.85	2.41	8	114	0.201	W
S3	20200217	Sunny	Moderate	Mid-Flood	B	9.6	12:19	7.4	8.21	30.33	16.57	3.32	6	112	0.248	W
S3	20200217	Sunny	Moderate	Mid-Flood	B	9.6	12:19	7.81	8.21	30.94	16.73	3.34	6	112	0.215	W
S3	20200217	Sunny	Moderate	Mid-Flood	M	5.3	12:20	7.41	8.22	30.51	16.57	2.77	7	113	0.283	W
S3	20200217	Sunny	Moderate	Mid-Flood	M	5.3	12:20	7.41	8.18	30.21	16.67	2.71	6	112	0.207	W
S3	20200217	Sunny	Moderate	Mid-Flood	S	1	12:21	7.56	8.08	30.83	16.64	2.72	5	112	0.178	W
S3	20200217	Sunny	Moderate	Mid-Flood	S	1	12:21	7.27	8.19	30.73	16.56	2.69	6	112	0.213	W
B1	20200217	Sunny	Moderate	Mid-Ebb	B	3.9	17:05	9.06	8.08	31.53	17.44	3.26	7	111	0.284	SE
B1	20200217	Sunny	Moderate	Mid-Ebb	B	3.9	17:05	9.42	8.14	31.43	17.61	3.22	6	112	0.223	SE
B1	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:06	9.65	8.09	31.5	17.32	2.66	6	112	0.246	E
B1	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:06	8.7	8.26	31.73	17.39	2.5	7	112	0.276	SE
B2	20200217	Sunny	Moderate	Mid-Ebb	B	4.9	16:51	9.56	8.02	31.69	17.4	3.11	5	111	0.179	SE
B2	20200217	Sunny	Moderate	Mid-Ebb	B	4.9	16:51	8.88	8.23	31.88	17.56	3.04	6	111	0.227	SE
B2	20200217	Sunny	Moderate	Mid-Ebb	S	1	16:52	9.66	8.03	31.88	17.61	2.53	8	111	0.261	E
B2	20200217	Sunny	Moderate	Mid-Ebb	S	1	16:52	8.6	8.17	31.3	17.59	2.86	8	110	0.236	SE
B3	20200217	Sunny	Moderate	Mid-Ebb	B	3.4	17:27	9.63	8.25	31.55	17.27	3.07	8	110	0.247	E
B3	20200217	Sunny	Moderate	Mid-Ebb	B	3.4	17:27	8.89	8.27	31.39	17.24	3.16	7	112	0.223	E
B3	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:28	9.06	8.18	31.57	17.47	2.9	6	110	0.197	SE
B3	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:28	9.56	8.02	31.68	17.57	2.77	7	111	0.282	SE
B4	20200217	Sunny	Moderate	Mid-Ebb	B	4	17:33	9.25	8.05	31.85	17.52	3.12	6	111	0.197	SE
B4	20200217	Sunny	Moderate	Mid-Ebb	B	4	17:33	8.8	8.09	31.33	17.33	3.18	5	111	0.199	SE
B4	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:34	9.59	8.03	31.48	17.55	2.56	7	111	0.211	SE
B4	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:34	9.65	8.15	31.51	17.58	2.83	6	112	0.176	SE
C1A	20200217	Sunny	Moderate	Mid-Ebb	B	9.4	16:40	9.56	8.23	31.6	17.32	3.37	7	112	0.25	E
C1A	20200217	Sunny	Moderate	Mid-Ebb	B	9.4	16:40	9.31	8.13	31.36	17.41	3.04	6	112	0.284	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
C1A	20200217	Sunny	Moderate	Mid-Ebb	M	5.2	16:41	9.06	8.27	31.45	17.66	2.73	8	111	0.277	SE
C1A	20200217	Sunny	Moderate	Mid-Ebb	M	5.2	16:41	9.23	8.24	31.77	17.46	2.41	8	112	0.179	SE
C1A	20200217	Sunny	Moderate	Mid-Ebb	S	1	16:42	9.04	8.24	31.34	17.63	2.86	9	109	0.204	SE
C1A	20200217	Sunny	Moderate	Mid-Ebb	S	1	16:42	9.59	8.05	31.54	17.46	2.68	10	111	0.178	SE
C2A	20200217	Sunny	Moderate	Mid-Ebb	B	11.4	18:26	9.42	8.04	31.62	17.31	2.96	8	111	0.272	E
C2A	20200217	Sunny	Moderate	Mid-Ebb	B	11.4	18:26	8.55	8.12	31.87	17.15	3	9	111	0.235	E
C2A	20200217	Sunny	Moderate	Mid-Ebb	M	6.2	18:27	9.49	8.21	31.41	17.35	2.51	8	111	0.261	E
C2A	20200217	Sunny	Moderate	Mid-Ebb	M	6.2	18:27	9.04	8.13	31.35	17.16	2.51	7	112	0.249	SE
C2A	20200217	Sunny	Moderate	Mid-Ebb	S	1	18:28	9.39	8.15	31.89	17.23	2.52	8	112	0.198	E
C2A	20200217	Sunny	Moderate	Mid-Ebb	S	1	18:28	8.85	8.09	31.56	17.13	2.43	7	112	0.254	E
CR1	20200217	Sunny	Moderate	Mid-Ebb	B	12.4	18:00	9.16	8.16	31.74	17.29	3.15	7	112	0.25	SE
CR1	20200217	Sunny	Moderate	Mid-Ebb	B	12.4	18:00	9	8.24	31.69	17.32	3.24	6	112	0.195	SE
CR1	20200217	Sunny	Moderate	Mid-Ebb	M	6.7	18:01	9.56	8.2	31.73	17.44	2.42	5	111	0.196	E
CR1	20200217	Sunny	Moderate	Mid-Ebb	M	6.7	18:01	9.69	8.07	31.59	17.47	2.39	6	111	0.286	SE
CR1	20200217	Sunny	Moderate	Mid-Ebb	S	1	18:02	8.77	8.26	31.7	17.21	2.47	5	112	0.26	E
CR1	20200217	Sunny	Moderate	Mid-Ebb	S	1	18:02	8.88	8.12	31.9	17.38	2.79	6	111	0.238	E
CR2	20200217	Sunny	Moderate	Mid-Ebb	B	9.9	17:23	9.64	8.11	31.74	17.6	2.97	4	111	0.273	E
CR2	20200217	Sunny	Moderate	Mid-Ebb	B	9.9	17:23	9.15	8.07	31.3	17.54	3.29	5	111	0.253	SE
CR2	20200217	Sunny	Moderate	Mid-Ebb	M	5.45	17:24	9.25	8.11	31.74	17.44	2.87	5	112	0.199	SE
CR2	20200217	Sunny	Moderate	Mid-Ebb	M	5.45	17:24	8.69	8.22	31.46	17.51	2.75	6	112	0.272	SE
CR2	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:25	9.33	8.1	31.85	17.6	2.62	5	112	0.269	SE
CR2	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:25	9.66	8.19	31.81	17.28	2.39	6	112	0.252	SE
F1A	20200217	Sunny	Moderate	Mid-Ebb	B	7.4	17:51	9.24	8.2	31.88	17.45	3.36	7	112	0.185	E
F1A	20200217	Sunny	Moderate	Mid-Ebb	B	7.4	17:51	9.26	8.19	31.7	17.35	3.23	8	112	0.216	E
F1A	20200217	Sunny	Moderate	Mid-Ebb	M	4.2	17:52	9.22	8.25	31.39	17.38	2.65	6	111	0.211	SE
F1A	20200217	Sunny	Moderate	Mid-Ebb	M	4.2	17:52	8.66	8.2	31.62	17.32	2.52	7	113	0.274	E
F1A	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:53	9.11	8.26	31.63	17.53	2.59	7	112	0.276	SE
F1A	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:53	9.56	8.23	31.38	17.58	2.33	6	112	0.281	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	20200217	Sunny	Moderate	Mid-Ebb	B	7.8	17:14	9.67	8.24	31.82	17.59	3.13	7	113	0.186	E
H1	20200217	Sunny	Moderate	Mid-Ebb	B	7.8	17:14	9.66	8.03	31.53	17.29	3.14	6	111	0.259	SE
H1	20200217	Sunny	Moderate	Mid-Ebb	M	4.4	17:15	9.39	8.21	31.51	17.33	2.47	6	111	0.214	SE
H1	20200217	Sunny	Moderate	Mid-Ebb	M	4.4	17:15	9.62	8.17	31.39	17.61	2.53	5	110	0.272	SE
H1	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:16	9.62	8.27	31.9	17.49	2.38	5	111	0.204	E
H1	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:16	9.41	8.21	31.59	17.42	2.78	6	112	0.194	SE
M1	20200217	Sunny	Moderate	Mid-Ebb	B	8.8	18:08	9.08	8.13	31.87	17.22	3.32	4	113	0.235	SE
M1	20200217	Sunny	Moderate	Mid-Ebb	B	8.8	18:08	9.62	8.2	31.61	17.19	2.9	5	111	0.206	SE
M1	20200217	Sunny	Moderate	Mid-Ebb	M	4.9	18:09	8.79	8.16	31.42	17.47	2.49	5	112	0.235	SE
M1	20200217	Sunny	Moderate	Mid-Ebb	M	4.9	18:09	8.69	8.23	31.7	17.33	2.83	5	112	0.283	SE
M1	20200217	Sunny	Moderate	Mid-Ebb	S	1	18:10	8.88	8.02	31.8	17.45	2.88	4	111	0.253	E
M1	20200217	Sunny	Moderate	Mid-Ebb	S	1	18:10	8.52	8.17	31.63	17.35	2.63	5	111	0.188	SE
S1	20200217	Sunny	Moderate	Mid-Ebb	B	3.8	16:58	8.83	8.16	31.87	17.69	3.34	6	112	0.224	SE
S1	20200217	Sunny	Moderate	Mid-Ebb	B	3.8	16:58	9.21	8.19	31.48	17.62	2.89	5	111	0.262	SE
S1	20200217	Sunny	Moderate	Mid-Ebb	S	1	16:59	8.65	8.02	31.88	17.47	2.5	5	112	0.265	SE
S1	20200217	Sunny	Moderate	Mid-Ebb	S	1	16:59	9.57	8.15	31.63	17.33	2.87	5	112	0.222	SE
S2A	20200217	Sunny	Moderate	Mid-Ebb	B	8.4	17:15	9.4	8.21	31.33	17.42	3	6	111	0.197	SE
S2A	20200217	Sunny	Moderate	Mid-Ebb	B	8.4	17:15	9.03	8.2	31.71	17.61	3	7	112	0.223	SE
S2A	20200217	Sunny	Moderate	Mid-Ebb	M	4.7	17:16	8.74	8.11	31.39	17.47	2.86	6	112	0.23	SE
S2A	20200217	Sunny	Moderate	Mid-Ebb	M	4.7	17:16	9.57	8.08	31.48	17.55	2.51	7	113	0.23	E
S2A	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:17	8.72	8.07	31.34	17.44	2.43	6	111	0.196	SE
S2A	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:17	9.53	8.12	31.82	17.53	2.52	7	113	0.214	SE
S3	20200217	Sunny	Moderate	Mid-Ebb	B	8.8	17:45	9.16	8.04	31.79	17.31	3.19	5	111	0.226	SE
S3	20200217	Sunny	Moderate	Mid-Ebb	B	8.8	17:45	9.58	8.14	31.88	17.35	3.28	6	112	0.181	SE
S3	20200217	Sunny	Moderate	Mid-Ebb	M	4.9	17:46	9.28	8.13	31.59	17.36	2.74	6	111	0.211	SE
S3	20200217	Sunny	Moderate	Mid-Ebb	M	4.9	17:46	8.71	8.02	31.4	17.24	2.7	6	111	0.206	SE
S3	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:47	9.62	8.25	31.63	17.34	2.52	5	112	0.268	SE
S3	20200217	Sunny	Moderate	Mid-Ebb	S	1	17:47	9.55	8.09	31.85	17.41	2.82	6	112	0.21	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	20200219	Sunny	Moderate	Mid-Ebb	B	3.6	10:49	8.66	8.17	31.69	17.52	3.54	6	110	0.165	SE
B1	20200219	Sunny	Moderate	Mid-Ebb	B	3.6	10:49	8.5	7.98	31.75	17.44	3.1	7	112	0.247	E
B1	20200219	Sunny	Moderate	Mid-Ebb	S	1	10:50	8.85	8.08	31.79	17.49	2.82	6	112	0.168	E
B1	20200219	Sunny	Moderate	Mid-Ebb	S	1	10:50	9.26	8.03	31.32	17.49	2.97	7	111	0.209	SE
B2	20200219	Sunny	Moderate	Mid-Ebb	B	4.9	11:06	8.69	8.19	31.32	17.6	3.08	6	112	0.218	SE
B2	20200219	Sunny	Moderate	Mid-Ebb	B	4.9	11:06	8.46	8.04	31.89	17.62	3.63	6	111	0.171	SE
B2	20200219	Sunny	Moderate	Mid-Ebb	S	1	11:07	8.36	8.05	31.59	17.51	2.69	6	112	0.157	E
B2	20200219	Sunny	Moderate	Mid-Ebb	S	1	11:07	9.19	8.19	31.58	17.64	2.71	7	113	0.251	SE
B3	20200219	Sunny	Moderate	Mid-Ebb	B	4.3	10:22	9.26	8.14	31.55	17.37	3.25	9	113	0.204	E
B3	20200219	Sunny	Moderate	Mid-Ebb	B	4.3	10:22	9.24	8.17	31.81	17.52	3.27	10	113	0.238	SE
B3	20200219	Sunny	Moderate	Mid-Ebb	S	1	10:23	8.59	8.12	31.46	17.42	2.97	8	112	0.172	SE
B3	20200219	Sunny	Moderate	Mid-Ebb	S	1	10:23	9.37	8.03	31.36	17.39	2.8	9	112	0.193	SE
B4	20200219	Sunny	Moderate	Mid-Ebb	B	4.1	10:14	8.9	8.16	31.46	17.43	3.15	5	112	0.251	SE
B4	20200219	Sunny	Moderate	Mid-Ebb	B	4.1	10:14	9.01	8.22	31.7	17.43	3.49	6	112	0.235	SE
B4	20200219	Sunny	Moderate	Mid-Ebb	S	1	10:15	8.55	8.15	31.62	17.51	2.58	7	111	0.165	SE
B4	20200219	Sunny	Moderate	Mid-Ebb	S	1	10:15	9.13	8.09	31.68	17.49	2.74	8	113	0.161	SE
C1A	20200219	Sunny	Moderate	Mid-Ebb	B	8.5	8:17	8.66	7.97	31.52	17.14	3.14	16	111	0.213	E
C1A	20200219	Sunny	Moderate	Mid-Ebb	B	8.5	8:17	8.54	8.2	31.44	17.28	3.41	14	112	0.168	E
C1A	20200219	Sunny	Moderate	Mid-Ebb	M	4.75	8:18	8.65	8.21	31.89	17.31	2.9	16	111	0.172	SE
C1A	20200219	Sunny	Moderate	Mid-Ebb	M	4.75	8:18	8.39	8.03	31.85	17.14	2.73	14	111	0.162	E
C1A	20200219	Sunny	Moderate	Mid-Ebb	S	1	8:19	8.89	8.06	31.85	17.19	2.68	16	112	0.204	SE
C1A	20200219	Sunny	Moderate	Mid-Ebb	S	1	8:19	9.23	8.03	31.44	17.26	2.88	15	110	0.2	E
C2A	20200219	Sunny	Moderate	Mid-Ebb	B	10.3	10:05	8.69	8.12	31.42	17.34	3.2	17	114	0.183	SE
C2A	20200219	Sunny	Moderate	Mid-Ebb	B	10.3	10:05	8.59	7.98	31.83	17.49	3.62	16	113	0.226	SE
C2A	20200219	Sunny	Moderate	Mid-Ebb	M	5.65	10:06	8.76	8.23	31.52	17.34	2.71	10	112	0.161	SE
C2A	20200219	Sunny	Moderate	Mid-Ebb	M	5.65	10:06	8.38	8.09	31.44	17.3	2.6	12	112	0.2	SE
C2A	20200219	Sunny	Moderate	Mid-Ebb	S	1	10:07	9.36	8.23	31.42	17.34	2.64	12	112	0.233	SE
C2A	20200219	Sunny	Moderate	Mid-Ebb	S	1	10:07	8.45	8.13	31.61	17.39	2.65	12	112	0.171	E

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	20200219	Sunny	Moderate	Mid-Ebb	B	12.8	9:39	8.61	8.1	31.83	17.43	3.57	13	112	0.171	SE
CR1	20200219	Sunny	Moderate	Mid-Ebb	B	12.8	9:39	8.36	8.19	31.43	17.35	3.62	14	112	0.238	SE
CR1	20200219	Sunny	Moderate	Mid-Ebb	M	6.9	9:40	8.44	8.21	31.63	17.43	2.56	12	112	0.193	SE
CR1	20200219	Sunny	Moderate	Mid-Ebb	M	6.9	9:40	9.37	8.1	31.71	17.48	2.77	11	112	0.195	SE
CR1	20200219	Sunny	Moderate	Mid-Ebb	S	1	9:41	8.87	8	31.58	17.31	3.07	11	113	0.222	SE
CR1	20200219	Sunny	Moderate	Mid-Ebb	S	1	9:41	8.49	8.1	31.9	17.38	2.82	10	113	0.177	SE
CR2	20200219	Sunny	Moderate	Mid-Ebb	B	11.1	9:06	8.89	8.08	31.34	17.37	3.54	9	113	0.212	SE
CR2	20200219	Sunny	Moderate	Mid-Ebb	B	11.1	9:06	8.74	7.97	31.87	17.36	3.45	8	112	0.187	SE
CR2	20200219	Sunny	Moderate	Mid-Ebb	M	6.05	9:07	8.98	8.09	31.44	17.24	2.67	11	113	0.191	SE
CR2	20200219	Sunny	Moderate	Mid-Ebb	M	6.05	9:07	9.16	7.98	31.71	17.32	2.91	11	112	0.175	SE
CR2	20200219	Sunny	Moderate	Mid-Ebb	S	1	9:08	8.86	8.24	31.76	17.33	2.55	12	113	0.239	E
CR2	20200219	Sunny	Moderate	Mid-Ebb	S	1	9:08	8.85	8.02	31.41	17.34	2.92	13	110	0.167	SE
F1A	20200219	Sunny	Moderate	Mid-Ebb	B	7.2	9:51	8.78	8.04	31.65	17.3	3.09	14	112	0.162	E
F1A	20200219	Sunny	Moderate	Mid-Ebb	B	7.2	9:51	8.65	8.22	31.69	17.37	3.39	15	111	0.252	SE
F1A	20200219	Sunny	Moderate	Mid-Ebb	M	4.1	9:52	8.98	8.04	31.54	17.41	2.83	13	112	0.196	SE
F1A	20200219	Sunny	Moderate	Mid-Ebb	M	4.1	9:52	8.6	8.03	31.58	17.34	2.67	14	111	0.18	SE
F1A	20200219	Sunny	Moderate	Mid-Ebb	S	1	9:53	9.1	7.96	31.53	17.44	2.7	12	113	0.19	SE
F1A	20200219	Sunny	Moderate	Mid-Ebb	S	1	9:53	9.36	8.17	31.74	17.49	2.61	13	111	0.234	SE
H1	20200219	Sunny	Moderate	Mid-Ebb	B	7.2	8:46	8.57	7.96	31.79	17.18	3.51	7	112	0.174	SE
H1	20200219	Sunny	Moderate	Mid-Ebb	B	7.2	8:46	8.51	8.17	31.89	17.17	3.31	8	111	0.186	SE
H1	20200219	Sunny	Moderate	Mid-Ebb	M	4.1	8:47	8.42	8.23	31.33	17.14	2.57	7	113	0.184	SE
H1	20200219	Sunny	Moderate	Mid-Ebb	M	4.1	8:47	8.99	8.24	31.87	17.23	2.74	8	112	0.194	SE
H1	20200219	Sunny	Moderate	Mid-Ebb	S	1	8:48	8.9	8.01	31.49	17.29	2.63	6	113	0.201	E
H1	20200219	Sunny	Moderate	Mid-Ebb	S	1	8:48	9.32	8	31.9	17.28	2.63	7	112	0.249	E
M1	20200219	Sunny	Moderate	Mid-Ebb	B	8.7	9:29	9.26	8	31.52	17.36	3.38	7	112	0.189	SE
M1	20200219	Sunny	Moderate	Mid-Ebb	B	8.7	9:29	8.9	8.1	31.83	17.3	3.31	8	112	0.175	SE
M1	20200219	Sunny	Moderate	Mid-Ebb	M	4.85	9:30	9.05	8.16	31.65	17.2	2.95	9	111	0.235	SE
M1	20200219	Sunny	Moderate	Mid-Ebb	M	4.85	9:30	8.71	8.14	31.4	17.27	3.02	8	112	0.235	SE

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20200219	Sunny	Moderate	Mid-Ebb	S	1	9:31	9.23	7.96	31.61	17.38	2.74	8	113	0.223	SE
M1	20200219	Sunny	Moderate	Mid-Ebb	S	1	9:31	9.26	7.98	31.36	17.22	2.57	8	113	0.231	SE
S1	20200219	Sunny	Moderate	Mid-Ebb	B	3.8	10:59	9.37	8.05	31.59	17.5	3.64	12	111	0.165	E
S1	20200219	Sunny	Moderate	Mid-Ebb	B	3.8	10:59	9.27	8.12	31.69	17.6	3.41	12	111	0.203	SE
S1	20200219	Sunny	Moderate	Mid-Ebb	S	1	11:00	9.19	8.14	31.89	17.5	2.8	12	112	0.187	E
S1	20200219	Sunny	Moderate	Mid-Ebb	S	1	11:00	9.35	8.11	31.38	17.51	2.68	12	112	0.249	SE
S2A	20200219	Sunny	Moderate	Mid-Ebb	B	7.9	10:35	9.04	8.05	31.6	17.46	3.24	11	112	0.192	E
S2A	20200219	Sunny	Moderate	Mid-Ebb	B	7.9	10:35	9.28	7.96	31.49	17.5	3.3	11	113	0.198	SE
S2A	20200219	Sunny	Moderate	Mid-Ebb	M	4.45	10:36	8.96	8.18	31.79	17.56	3.06	11	112	0.189	E
S2A	20200219	Sunny	Moderate	Mid-Ebb	M	4.45	10:36	8.78	8.09	31.48	17.55	2.55	10	111	0.187	SE
S2A	20200219	Sunny	Moderate	Mid-Ebb	S	1	10:37	8.75	8.2	31.5	17.52	2.53	13	112	0.245	SE
S2A	20200219	Sunny	Moderate	Mid-Ebb	S	1	10:37	8.47	8.02	31.7	17.45	3	12	111	0.251	SE
S3	20200219	Sunny	Moderate	Mid-Ebb	B	9.2	9:21	9.12	8.22	31.49	17.22	3.33	13	113	0.248	SE
S3	20200219	Sunny	Moderate	Mid-Ebb	B	9.2	9:21	9.39	8.01	31.38	17.37	3.22	13	113	0.22	SE
S3	20200219	Sunny	Moderate	Mid-Ebb	M	5.1	9:22	8.89	8	31.38	17.32	3.06	11	113	0.187	SE
S3	20200219	Sunny	Moderate	Mid-Ebb	M	5.1	9:22	8.7	8.24	31.69	17.32	3.09	12	113	0.18	SE
S3	20200219	Sunny	Moderate	Mid-Ebb	S	1	9:23	9.15	8.04	31.71	17.34	2.96	11	110	0.167	E
S3	20200219	Sunny	Moderate	Mid-Ebb	S	1	9:23	8.67	8.23	31.42	17.29	2.84	12	113	0.246	E
B1	20200219	Sunny	Moderate	Mid-Flood	B	4.3	13:38	8.99	8.26	31.8	18.27	3.62	10	112	0.178	NW
B1	20200219	Sunny	Moderate	Mid-Flood	B	4.3	13:38	8.43	8.12	31.45	18.38	3.35	9	112	0.22	W
B1	20200219	Sunny	Moderate	Mid-Flood	S	1	13:39	9.02	8.19	31.24	18.2	3.08	7	111	0.27	W
B1	20200219	Sunny	Moderate	Mid-Flood	S	1	13:39	8.36	8.22	31.82	18.29	3.16	8	112	0.273	W
B2	20200219	Sunny	Moderate	Mid-Flood	B	3.9	13:18	8.5	8.22	31.88	18.07	3.59	8	113	0.209	W
B2	20200219	Sunny	Moderate	Mid-Flood	B	3.9	13:18	8.66	8.07	31.85	18.2	3.56	8	112	0.273	NW
B2	20200219	Sunny	Moderate	Mid-Flood	S	1	13:19	8.82	8.1	31.65	18.26	2.64	11	112	0.242	NW
B2	20200219	Sunny	Moderate	Mid-Flood	S	1	13:19	8.31	8.05	31.51	18.22	2.95	10	112	0.208	NW
B3	20200219	Sunny	Moderate	Mid-Flood	B	3.3	14:06	9.14	8.2	31.67	18.11	3.56	8	112	0.234	W
B3	20200219	Sunny	Moderate	Mid-Flood	B	3.3	14:06	9.01	8.18	31.5	18.33	3.77	9	112	0.261	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B3	20200219	Sunny	Moderate	Mid-Flood	S	1	14:07	8.38	8.13	31.47	18.15	3	8	111	0.21	W
B3	20200219	Sunny	Moderate	Mid-Flood	S	1	14:07	9.18	8.2	31.41	18.35	3.11	8	112	0.203	W
B4	20200219	Sunny	Moderate	Mid-Flood	B	4.1	14:13	8.36	8.22	31.49	18.15	3.47	9	112	0.173	W
B4	20200219	Sunny	Moderate	Mid-Flood	B	4.1	14:13	8.28	8.16	31.81	18.28	3.56	10	112	0.19	W
B4	20200219	Sunny	Moderate	Mid-Flood	S	1	14:14	8.47	8.15	31.88	18.32	3.22	7	112	0.279	W
B4	20200219	Sunny	Moderate	Mid-Flood	S	1	14:14	8.31	8.15	31.91	18.09	3.05	8	111	0.257	W
C1A	20200219	Sunny	Moderate	Mid-Flood	B	10.9	14:16	8.44	8.17	31.62	18.27	3.52	7	112	0.204	W
C1A	20200219	Sunny	Moderate	Mid-Flood	B	10.9	14:16	8.78	8.11	31.2	18.19	3.38	7	112	0.229	W
C1A	20200219	Sunny	Moderate	Mid-Flood	M	5.95	14:17	8.53	8.08	31.28	18.11	3.03	8	112	0.254	W
C1A	20200219	Sunny	Moderate	Mid-Flood	M	5.95	14:17	8.84	8.23	31.26	18.17	3.11	7	112	0.269	NW
C1A	20200219	Sunny	Moderate	Mid-Flood	S	1	14:18	8.9	8.17	31.85	18.29	3.22	8	110	0.261	W
C1A	20200219	Sunny	Moderate	Mid-Flood	S	1	14:18	8.27	8.22	31.45	18.35	2.82	7	112	0.206	W
C2A	20200219	Sunny	Moderate	Mid-Flood	B	10.1	13:06	9.04	8.27	31.31	18.19	3.53	7	112	0.174	W
C2A	20200219	Sunny	Moderate	Mid-Flood	B	10.1	13:06	9.01	8.07	31.79	18.14	3.48	6	113	0.232	NW
C2A	20200219	Sunny	Moderate	Mid-Flood	M	5.55	13:07	8.85	8.18	31.8	18.12	3.16	6	112	0.191	NW
C2A	20200219	Sunny	Moderate	Mid-Flood	M	5.55	13:07	8.33	8.27	31.3	18.03	3.4	6	111	0.195	W
C2A	20200219	Sunny	Moderate	Mid-Flood	S	1	13:08	8.29	8.28	31.36	18.17	2.86	7	112	0.212	W
C2A	20200219	Sunny	Moderate	Mid-Flood	S	1	13:08	8.28	8.14	31.2	18.22	3.04	8	112	0.249	W
CR1	20200219	Sunny	Moderate	Mid-Flood	B	11.1	13:28	8.46	8.24	31.26	18.06	3.63	5	112	0.216	W
CR1	20200219	Sunny	Moderate	Mid-Flood	B	11.1	13:28	9.31	8.23	31.71	18.16	3.44	6	112	0.229	NW
CR1	20200219	Sunny	Moderate	Mid-Flood	M	6.05	13:29	9	8.27	31.4	18.05	3.25	7	110	0.232	W
CR1	20200219	Sunny	Moderate	Mid-Flood	M	6.05	13:29	8.41	8.09	31.52	18.14	3.39	8	112	0.2	NW
CR1	20200219	Sunny	Moderate	Mid-Flood	S	1	13:30	8.25	8.29	31.88	18.21	2.98	7	111	0.205	NW
CR1	20200219	Sunny	Moderate	Mid-Flood	S	1	13:30	8.26	8.25	31.36	18.17	2.97	8	111	0.179	W
CR2	20200219	Sunny	Moderate	Mid-Flood	B	10.9	13:45	9.24	8.23	31.68	18.21	3.47	7	112	0.217	W
CR2	20200219	Sunny	Moderate	Mid-Flood	B	10.9	13:45	8.74	8.25	31.49	18.28	3.35	6	112	0.243	W
CR2	20200219	Sunny	Moderate	Mid-Flood	M	5.95	13:46	8.96	8.05	31.64	18.21	2.82	6	111	0.266	W
CR2	20200219	Sunny	Moderate	Mid-Flood	M	5.95	13:46	8.84	8.29	31.52	18.26	3.16	7	111	0.183	W

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	20200219	Sunny	Moderate	Mid-Flood	S	1	13:47	8.5	8.28	31.75	18.26	3.09	5	112	0.234	NW
CR2	20200219	Sunny	Moderate	Mid-Flood	S	1	13:47	8.6	8.26	31.29	18.19	2.66	5	112	0.184	W
F1A	20200219	Sunny	Moderate	Mid-Flood	B	7.1	14:37	8.37	8.26	31.22	18.17	3.64	7	112	0.193	NW
F1A	20200219	Sunny	Moderate	Mid-Flood	B	7.1	14:37	9.27	8.26	31.33	18.32	3.16	6	113	0.185	W
F1A	20200219	Sunny	Moderate	Mid-Flood	M	4.05	14:38	8.81	8.22	31.36	18.34	3.34	6	112	0.278	W
F1A	20200219	Sunny	Moderate	Mid-Flood	M	4.05	14:38	8.88	8.09	31.78	18.34	3.21	7	113	0.236	NW
F1A	20200219	Sunny	Moderate	Mid-Flood	S	1	14:39	8.6	8.29	31.44	18.37	3.01	7	112	0.185	NW
F1A	20200219	Sunny	Moderate	Mid-Flood	S	1	14:39	8.59	8.06	31.24	18.14	2.87	8	112	0.235	W
H1	20200219	Sunny	Moderate	Mid-Flood	B	7.4	14:45	8.84	8.11	31.25	18.32	3.24	6	112	0.202	W
H1	20200219	Sunny	Moderate	Mid-Flood	B	7.4	14:45	8.72	8.2	31.86	18.37	3.4	6	113	0.236	NW
H1	20200219	Sunny	Moderate	Mid-Flood	M	4.2	14:46	8.59	8.18	31.33	18.23	3.41	9	113	0.26	W
H1	20200219	Sunny	Moderate	Mid-Flood	M	4.2	14:46	8.74	8.2	31.94	18.24	3.09	10	112	0.172	W
H1	20200219	Sunny	Moderate	Mid-Flood	S	1	14:47	8.82	8.27	31.34	18.33	3.13	9	113	0.206	NW
H1	20200219	Sunny	Moderate	Mid-Flood	S	1	14:47	8.86	8.07	31.7	18.24	2.96	10	112	0.241	W
M1	20200219	Sunny	Moderate	Mid-Flood	B	6.7	14:59	8.7	8.22	31.93	18.18	3.4	6	112	0.275	W
M1	20200219	Sunny	Moderate	Mid-Flood	B	6.7	14:59	8.77	8.07	31.88	18.14	3.58	6	113	0.175	W
M1	20200219	Sunny	Moderate	Mid-Flood	M	3.85	15:00	8.88	8.29	31.9	18.17	3.35	5	112	0.213	W
M1	20200219	Sunny	Moderate	Mid-Flood	M	3.85	15:00	8.68	8.09	31.62	18.34	3.31	6	111	0.196	W
M1	20200219	Sunny	Moderate	Mid-Flood	S	1	15:01	8.63	8.29	31.51	18.24	3.11	5	111	0.226	W
M1	20200219	Sunny	Moderate	Mid-Flood	S	1	15:01	8.85	8.06	31.79	18.21	2.66	6	112	0.221	W
S1	20200219	Sunny	Moderate	Mid-Flood	B	4.3	13:29	9.22	8.25	31.85	18.25	3.73	8	111	0.185	W
S1	20200219	Sunny	Moderate	Mid-Flood	B	4.3	13:29	8.99	8.19	31.42	18.33	3.59	8	112	0.198	NW
S1	20200219	Sunny	Moderate	Mid-Flood	S	1	13:30	8.91	8.29	31.23	18.32	2.66	7	112	0.275	NW
S1	20200219	Sunny	Moderate	Mid-Flood	S	1	13:30	8.66	8.05	31.27	18.11	3.17	8	112	0.263	W
S2A	20200219	Sunny	Moderate	Mid-Flood	B	8.7	13:52	8.38	8.1	31.61	18.17	3.75	8	112	0.27	W
S2A	20200219	Sunny	Moderate	Mid-Flood	B	8.7	13:52	8.3	8.11	31.32	18.29	3.62	9	112	0.213	W
S2A	20200219	Sunny	Moderate	Mid-Flood	M	4.85	13:53	8.76	8.19	31.2	18.28	3.02	8	112	0.192	W
S2A	20200219	Sunny	Moderate	Mid-Flood	M	4.85	13:53	9.02	8.19	31.23	18.2	2.91	8	113	0.184	W

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	20200219	Sunny	Moderate	Mid-Flood	S	1	13:54	8.32	8.12	31.24	18.12	2.83	8	110	0.271	W
S2A	20200219	Sunny	Moderate	Mid-Flood	S	1	13:54	8.28	8.13	31.32	18.17	2.67	7	112	0.24	W
S3	20200219	Sunny	Moderate	Mid-Flood	B	9.5	13:55	8.99	8.09	31.77	18.29	3.73	8	110	0.249	W
S3	20200219	Sunny	Moderate	Mid-Flood	B	9.5	13:55	8.69	8.17	31.3	18.26	3.46	9	112	0.278	W
S3	20200219	Sunny	Moderate	Mid-Flood	M	5.25	13:56	9.3	8.29	31.42	18.36	3.19	9	111	0.223	NW
S3	20200219	Sunny	Moderate	Mid-Flood	M	5.25	13:56	8.88	8.06	31.47	18.33	3.03	8	112	0.206	W
S3	20200219	Sunny	Moderate	Mid-Flood	S	1	13:57	8.43	8.21	31.51	18.29	2.97	7	111	0.245	W
S3	20200219	Sunny	Moderate	Mid-Flood	S	1	13:57	8.7	8.09	31.58	18.31	3.18	8	111	0.25	W
B1	20200221	Sunny	Moderate	Mid-Ebb	B	3.8	12:27	9.68	8.15	31.79	19.41	3.17	6	112	0.227	SE
B1	20200221	Sunny	Moderate	Mid-Ebb	B	3.8	12:27	9.66	8.1	31.39	19.34	3.44	6	113	0.203	E
B1	20200221	Sunny	Moderate	Mid-Ebb	S	1	12:28	8.42	8.19	31.37	19.31	2.53	6	112	0.235	E
B1	20200221	Sunny	Moderate	Mid-Ebb	S	1	12:28	9.1	8.05	31.39	19.32	2.34	5	114	0.185	SE
B2	20200221	Sunny	Moderate	Mid-Ebb	B	4.5	12:43	9.82	8.11	31.74	19.33	2.99	5	113	0.209	SE
B2	20200221	Sunny	Moderate	Mid-Ebb	B	4.5	12:43	8.93	8.06	31.84	19.33	3.09	6	114	0.188	E
B2	20200221	Sunny	Moderate	Mid-Ebb	S	1	12:44	8.5	7.96	31.38	19.39	2.87	5	113	0.186	SE
B2	20200221	Sunny	Moderate	Mid-Ebb	S	1	12:44	8.97	7.98	31.84	19.47	2.41	5	112	0.209	SE
B3	20200221	Sunny	Moderate	Mid-Ebb	B	4	12:00	9.8	8.11	31.61	19.47	3.3	6	112	0.242	SE
B3	20200221	Sunny	Moderate	Mid-Ebb	B	4	12:00	8.54	8.23	31.6	19.29	3.43	6	114	0.217	SE
B3	20200221	Sunny	Moderate	Mid-Ebb	S	1	12:01	8.85	8.07	31.43	19.39	2.77	6	113	0.184	E
B3	20200221	Sunny	Moderate	Mid-Ebb	S	1	12:01	8.34	8.02	31.53	19.4	2.46	7	114	0.216	SE
B4	20200221	Sunny	Moderate	Mid-Ebb	B	3.3	11:53	8.76	8.18	31.55	19.44	2.98	6	111	0.223	SE
B4	20200221	Sunny	Moderate	Mid-Ebb	B	3.3	11:53	9.65	8.03	31.38	19.43	3.48	6	112	0.218	SE
B4	20200221	Sunny	Moderate	Mid-Ebb	S	1	11:54	9.25	8.23	31.61	19.41	2.38	7	112	0.209	E
B4	20200221	Sunny	Moderate	Mid-Ebb	S	1	11:54	9.44	7.97	31.62	19.47	2.85	6	114	0.198	SE
C1A	20200221	Sunny	Moderate	Mid-Ebb	B	10.1	9:57	9.56	8.08	31.86	19.16	3.26	5	114	0.245	SE
C1A	20200221	Sunny	Moderate	Mid-Ebb	B	10.1	9:57	8.52	7.97	31.35	19.23	3.19	6	114	0.21	E
C1A	20200221	Sunny	Moderate	Mid-Ebb	M	5.55	9:58	8.77	8.04	31.5	19.12	2.6	4	112	0.231	SE
C1A	20200221	Sunny	Moderate	Mid-Ebb	M	5.55	9:58	8.37	8.21	31.32	19.12	2.5	5	113	0.189	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	20200221	Sunny	Moderate	Mid-Ebb	S	1	9:59	8.63	8.07	31.9	19.3	2.44	5	113	0.195	SE
C1A	20200221	Sunny	Moderate	Mid-Ebb	S	1	9:59	9.42	8.16	31.46	19.2	2.46	5	113	0.204	SE
C2A	20200221	Sunny	Moderate	Mid-Ebb	B	10.6	11:41	8.91	8.09	31.56	19.32	3.26	6	114	0.199	SE
C2A	20200221	Sunny	Moderate	Mid-Ebb	B	10.6	11:41	9.03	8.24	31.8	19.48	3	5	114	0.203	E
C2A	20200221	Sunny	Moderate	Mid-Ebb	M	5.8	11:42	8.91	8.02	31.64	19.41	2.79	4	113	0.21	E
C2A	20200221	Sunny	Moderate	Mid-Ebb	M	5.8	11:42	8.94	8.08	31.39	19.38	2.81	6	112	0.19	SE
C2A	20200221	Sunny	Moderate	Mid-Ebb	S	1	11:43	8.41	7.99	31.5	19.47	2.78	4	113	0.209	E
C2A	20200221	Sunny	Moderate	Mid-Ebb	S	1	11:43	8.91	8.05	31.75	19.29	2.39	5	114	0.209	E
CR1	20200221	Sunny	Moderate	Mid-Ebb	B	12.1	11:16	8.96	8.21	31.32	19.32	3.01	7	113	0.24	SE
CR1	20200221	Sunny	Moderate	Mid-Ebb	B	12.1	11:16	9.02	8.03	31.37	19.23	3.3	6	113	0.178	SE
CR1	20200221	Sunny	Moderate	Mid-Ebb	M	6.55	11:17	9.12	8.03	31.62	19.41	2.73	8	113	0.223	SE
CR1	20200221	Sunny	Moderate	Mid-Ebb	M	6.55	11:17	8.88	8.2	31.37	19.24	2.39	7	113	0.188	SE
CR1	20200221	Sunny	Moderate	Mid-Ebb	S	1	11:18	9.03	8.19	31.45	19.24	2.68	8	113	0.212	SE
CR1	20200221	Sunny	Moderate	Mid-Ebb	S	1	11:18	9.31	8.12	31.87	19.31	2.37	8	112	0.208	SE
CR2	20200221	Sunny	Moderate	Mid-Ebb	B	11.2	10:48	9.22	8.25	31.44	19.32	3.1	8	112	0.238	SE
CR2	20200221	Sunny	Moderate	Mid-Ebb	B	11.2	10:48	8.7	7.97	31.53	19.18	2.88	7	111	0.249	E
CR2	20200221	Sunny	Moderate	Mid-Ebb	M	6.1	10:49	8.78	8.22	31.65	19.15	2.45	8	114	0.22	E
CR2	20200221	Sunny	Moderate	Mid-Ebb	M	6.1	10:49	8.25	8.12	31.49	19.23	2.56	7	111	0.197	SE
CR2	20200221	Sunny	Moderate	Mid-Ebb	S	1	10:50	9.38	8.22	31.59	19.21	2.54	8	113	0.239	SE
CR2	20200221	Sunny	Moderate	Mid-Ebb	S	1	10:50	9.63	8.04	31.48	19.33	2.89	7	113	0.196	SE
F1A	20200221	Sunny	Moderate	Mid-Ebb	B	7.1	11:29	9.73	8.07	31.3	19.33	3.39	5	113	0.247	E
F1A	20200221	Sunny	Moderate	Mid-Ebb	B	7.1	11:29	8.46	8.16	31.37	19.34	3.22	4	114	0.221	SE
F1A	20200221	Sunny	Moderate	Mid-Ebb	M	4.05	11:30	9.15	8.11	31.59	19.32	2.91	3	112	0.213	E
F1A	20200221	Sunny	Moderate	Mid-Ebb	M	4.05	11:30	8.78	8.21	31.42	19.34	2.64	4	114	0.23	SE
F1A	20200221	Sunny	Moderate	Mid-Ebb	S	1	11:31	8.97	8.08	31.62	19.24	2.6	3	112	0.237	E
F1A	20200221	Sunny	Moderate	Mid-Ebb	S	1	11:31	8.3	8.24	31.77	19.29	2.74	4	114	0.176	SE
H1	20200221	Sunny	Moderate	Mid-Ebb	B	7.8	10:29	8.55	8.07	31.71	19.28	3.31	6	110	0.177	E
H1	20200221	Sunny	Moderate	Mid-Ebb	B	7.8	10:29	9.21	8.19	31.7	19.3	3.4	6	113	0.177	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200221	Sunny	Moderate	Mid-Ebb	M	4.4	10:30	8.37	8.18	31.39	19.24	2.85	6	111	0.183	E
H1	20200221	Sunny	Moderate	Mid-Ebb	M	4.4	10:30	9.45	8.15	31.48	19.29	2.93	7	112	0.248	E
H1	20200221	Sunny	Moderate	Mid-Ebb	S	1	10:31	9.22	8.22	31.77	19.21	2.46	7	114	0.183	E
H1	20200221	Sunny	Moderate	Mid-Ebb	S	1	10:31	9.02	8.19	31.65	19.27	2.58	6	112	0.187	SE
M1	20200221	Sunny	Moderate	Mid-Ebb	B	7.9	11:08	9.72	8.07	31.84	19.28	3.06	4	112	0.194	SE
M1	20200221	Sunny	Moderate	Mid-Ebb	B	7.9	11:08	8.69	8.08	31.73	19.33	3.25	3	111	0.222	SE
M1	20200221	Sunny	Moderate	Mid-Ebb	M	4.45	11:09	8.97	8.27	31.81	19.39	2.64	5	113	0.182	E
M1	20200221	Sunny	Moderate	Mid-Ebb	M	4.45	11:09	9.73	8.26	31.67	19.35	2.34	4	112	0.219	E
M1	20200221	Sunny	Moderate	Mid-Ebb	S	1	11:10	8.81	8.12	31.73	19.23	2.87	4	111	0.23	SE
M1	20200221	Sunny	Moderate	Mid-Ebb	S	1	11:10	8.58	8.17	31.32	19.4	2.82	5	111	0.239	E
S1	20200221	Sunny	Moderate	Mid-Ebb	B	4.1	12:35	9.56	7.97	31.36	19.42	3.18	4	113	0.213	E
S1	20200221	Sunny	Moderate	Mid-Ebb	B	4.1	12:35	8.42	8.27	31.37	19.32	3.15	4	115	0.241	SE
S1	20200221	Sunny	Moderate	Mid-Ebb	S	1	12:36	9.12	8.15	31.45	19.47	2.53	4	113	0.221	E
S1	20200221	Sunny	Moderate	Mid-Ebb	S	1	12:36	9.71	8.05	31.84	19.42	2.32	3	114	0.183	E
S2A	20200221	Sunny	Moderate	Mid-Ebb	B	7.8	12:14	9.86	8.03	31.39	19.42	3.11	8	113	0.216	SE
S2A	20200221	Sunny	Moderate	Mid-Ebb	B	7.8	12:14	8.83	8.13	31.81	19.39	3.03	7	114	0.212	SE
S2A	20200221	Sunny	Moderate	Mid-Ebb	M	4.4	12:15	8.74	8.06	31.74	19.37	2.5	7	114	0.227	SE
S2A	20200221	Sunny	Moderate	Mid-Ebb	M	4.4	12:15	8.55	8.1	31.46	19.33	2.81	8	115	0.214	SE
S2A	20200221	Sunny	Moderate	Mid-Ebb	S	1	12:16	8.54	8.06	31.48	19.5	2.88	7	114	0.176	SE
S2A	20200221	Sunny	Moderate	Mid-Ebb	S	1	12:16	8.73	8.01	31.61	19.44	2.51	6	114	0.241	SE
S3	20200221	Sunny	Moderate	Mid-Ebb	B	9.9	11:01	8.94	8	31.73	19.38	3.16	6	113	0.188	SE
S3	20200221	Sunny	Moderate	Mid-Ebb	B	9.9	11:01	9.45	8.15	31.35	19.35	3.41	7	111	0.244	SE
S3	20200221	Sunny	Moderate	Mid-Ebb	M	5.45	11:02	9.66	8.18	31.32	19.28	2.49	6	112	0.252	SE
S3	20200221	Sunny	Moderate	Mid-Ebb	M	5.45	11:02	8.48	8.08	31.86	19.39	2.49	7	111	0.237	SE
S3	20200221	Sunny	Moderate	Mid-Ebb	S	1	11:03	9.64	8.01	31.33	19.4	2.45	7	113	0.248	SE
S3	20200221	Sunny	Moderate	Mid-Ebb	S	1	11:03	8.91	8.17	31.44	19.29	2.82	8	114	0.184	E
B1	20200221	Sunny	Moderate	Mid-Flood	B	4.1	15:16	8.37	8.06	32.09	19.33	3.04	6	113	0.183	W
B1	20200221	Sunny	Moderate	Mid-Flood	B	4.1	15:16	8.59	8.05	31.23	19.32	3.11	8	112	0.231	W

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	20200221	Sunny	Moderate	Mid-Flood	S	1	15:17	9.19	8.19	31.66	19.37	2.39	6	114	0.259	W
B1	20200221	Sunny	Moderate	Mid-Flood	S	1	15:17	8.6	8.09	31.33	19.27	2.88	7	114	0.179	W
B2	20200221	Sunny	Moderate	Mid-Flood	B	4	14:59	9.33	8.1	31.55	19.44	3.07	7	114	0.212	W
B2	20200221	Sunny	Moderate	Mid-Flood	B	4	14:59	8.41	8.07	31.77	19.39	3.24	7	113	0.224	W
B2	20200221	Sunny	Moderate	Mid-Flood	S	1	15:00	8.93	8.08	32.12	19.32	2.4	7	114	0.265	W
B2	20200221	Sunny	Moderate	Mid-Flood	S	1	15:00	8.85	8.12	31.86	19.37	2.55	8	114	0.177	W
B3	20200221	Sunny	Moderate	Mid-Flood	B	4.3	15:45	9.69	8.12	32.3	19.4	3.26	6	113	0.224	W
B3	20200221	Sunny	Moderate	Mid-Flood	B	4.3	15:45	9.45	8.21	31.74	19.36	3.2	7	113	0.177	W
B3	20200221	Sunny	Moderate	Mid-Flood	S	1	15:46	8.26	8.22	31.84	19.22	2.98	6	114	0.189	W
B3	20200221	Sunny	Moderate	Mid-Flood	S	1	15:46	9.8	8.06	32.88	19.42	2.53	7	112	0.207	W
B4	20200221	Sunny	Moderate	Mid-Flood	B	4.1	15:53	9.81	8.14	32.1	19.42	3.34	6	113	0.26	NW
B4	20200221	Sunny	Moderate	Mid-Flood	B	4.1	15:53	8.92	8.2	32.22	19.31	3.28	7	114	0.206	W
B4	20200221	Sunny	Moderate	Mid-Flood	S	1	15:54	9.76	8.18	31.49	19.42	2.82	7	114	0.23	W
B4	20200221	Sunny	Moderate	Mid-Flood	S	1	15:54	8.8	8.11	32.33	19.4	2.43	6	113	0.207	W
C1A	20200221	Sunny	Moderate	Mid-Flood	B	10.5	16:14	8.82	8.17	31.92	19.19	2.88	7	112	0.188	W
C1A	20200221	Sunny	Moderate	Mid-Flood	B	10.5	16:14	8.33	8.18	31.84	19.27	2.92	6	113	0.189	W
C1A	20200221	Sunny	Moderate	Mid-Flood	M	5.75	16:15	8.93	8.22	31.2	19.22	2.68	7	113	0.211	NW
C1A	20200221	Sunny	Moderate	Mid-Flood	M	5.75	16:15	9.03	8.06	31.68	19.23	2.83	6	113	0.213	W
C1A	20200221	Sunny	Moderate	Mid-Flood	S	1	16:16	8.53	8.19	31.76	19.32	2.41	6	113	0.207	W
C1A	20200221	Sunny	Moderate	Mid-Flood	S	1	16:16	8.52	8.12	32.31	19.18	2.75	6	112	0.28	W
C2A	20200221	Sunny	Moderate	Mid-Flood	B	10.8	14:56	8.32	8.14	31.86	19.42	3.34	6	113	0.245	NW
C2A	20200221	Sunny	Moderate	Mid-Flood	B	10.8	14:56	9.53	8.22	31.45	19.38	3.27	7	114	0.271	W
C2A	20200221	Sunny	Moderate	Mid-Flood	M	5.9	14:57	8.65	8.22	32.8	19.37	3.09	5	112	0.23	NW
C2A	20200221	Sunny	Moderate	Mid-Flood	M	5.9	14:57	8.92	8.13	31.41	19.48	2.68	6	112	0.278	NW
C2A	20200221	Sunny	Moderate	Mid-Flood	S	1	14:58	9.7	8.12	32.45	19.34	2.45	6	113	0.206	W
C2A	20200221	Sunny	Moderate	Mid-Flood	S	1	14:58	8.42	8.15	32.78	19.48	2.62	5	113	0.172	W
CR1	20200221	Sunny	Moderate	Mid-Flood	B	11.9	15:21	9.49	8.22	31.59	19.4	3.27	7	114	0.217	W
CR1	20200221	Sunny	Moderate	Mid-Flood	B	11.9	15:21	8.66	8.22	32.43	19.29	3.33	7	113	0.18	W

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	20200221	Sunny	Moderate	Mid-Flood	M	6.45	15:22	9.81	8.15	32.35	19.37	2.99	5	112	0.195	W
CR1	20200221	Sunny	Moderate	Mid-Flood	M	6.45	15:22	9.65	8.18	32.69	19.33	3.05	6	112	0.222	W
CR1	20200221	Sunny	Moderate	Mid-Flood	S	1	15:23	8.59	8.22	32.57	19.3	2.41	4	112	0.228	W
CR1	20200221	Sunny	Moderate	Mid-Flood	S	1	15:23	8.62	8.06	32.56	19.31	2.63	6	111	0.221	W
CR2	20200221	Sunny	Moderate	Mid-Flood	B	10.6	15:39	9.69	8.11	32.43	19.39	2.93	7	112	0.246	W
CR2	20200221	Sunny	Moderate	Mid-Flood	B	10.6	15:39	9.5	8.19	31.38	19.29	3.19	7	113	0.253	W
CR2	20200221	Sunny	Moderate	Mid-Flood	M	5.8	15:40	9.26	8.05	31.28	19.3	2.58	6	114	0.172	W
CR2	20200221	Sunny	Moderate	Mid-Flood	M	5.8	15:40	9.34	8.06	31.52	19.3	2.9	7	113	0.211	W
CR2	20200221	Sunny	Moderate	Mid-Flood	S	1	15:41	9.56	8.13	31.65	19.35	2.86	6	114	0.209	W
CR2	20200221	Sunny	Moderate	Mid-Flood	S	1	15:41	8.51	8.15	32.51	19.35	2.41	7	112	0.257	W
F1A	20200221	Sunny	Moderate	Mid-Flood	B	6.6	16:19	8.61	8.11	31.55	19.27	3.04	6	112	0.28	W
F1A	20200221	Sunny	Moderate	Mid-Flood	B	6.6	16:19	8.68	8.12	31.73	19.2	3.17	7	112	0.182	W
F1A	20200221	Sunny	Moderate	Mid-Flood	M	3.8	16:20	8.85	8.14	31.77	19.39	3.13	5	113	0.217	W
F1A	20200221	Sunny	Moderate	Mid-Flood	M	3.8	16:20	9.18	8.13	32.05	19.33	2.62	6	113	0.186	NW
F1A	20200221	Sunny	Moderate	Mid-Flood	S	1	16:21	9.01	8.12	32.94	19.21	2.94	6	113	0.18	W
F1A	20200221	Sunny	Moderate	Mid-Flood	S	1	16:21	9.07	8.06	32.48	19.32	2.39	6	114	0.24	NW
H1	20200221	Sunny	Moderate	Mid-Flood	B	6.5	16:44	8.91	8.18	31.2	19.31	3.39	6	113	0.241	W
H1	20200221	Sunny	Moderate	Mid-Flood	B	6.5	16:44	9.33	8.08	31.88	19.34	3.11	6	113	0.259	W
H1	20200221	Sunny	Moderate	Mid-Flood	M	3.75	16:45	9.2	8.07	32.44	19.32	2.8	6	112	0.226	NW
H1	20200221	Sunny	Moderate	Mid-Flood	M	3.75	16:45	8.42	8.05	32.47	19.4	2.99	7	113	0.265	NW
H1	20200221	Sunny	Moderate	Mid-Flood	S	1	16:46	9.1	8.18	32.93	19.25	2.88	7	114	0.244	W
H1	20200221	Sunny	Moderate	Mid-Flood	S	1	16:46	8.86	8.17	31.31	19.26	2.47	6	112	0.246	W
M1	20200221	Sunny	Moderate	Mid-Flood	B	6.7	16:41	9.57	8.13	31.79	19.29	2.95	7	112	0.199	W
M1	20200221	Sunny	Moderate	Mid-Flood	B	6.7	16:41	8.66	8.2	31.22	19.23	3.3	8	113	0.28	NW
M1	20200221	Sunny	Moderate	Mid-Flood	M	3.85	16:42	9.65	8.08	31.62	19.39	2.84	6	114	0.213	W
M1	20200221	Sunny	Moderate	Mid-Flood	M	3.85	16:42	9.68	8.11	32.34	19.28	2.73	7	113	0.234	W
M1	20200221	Sunny	Moderate	Mid-Flood	S	1	16:43	8.99	8.1	32.72	19.35	2.73	6	112	0.2	NW
M1	20200221	Sunny	Moderate	Mid-Flood	S	1	16:43	9.3	8.14	31.75	19.21	2.7	6	114	0.169	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S1	20200221	Sunny	Moderate	Mid-Flood	B	4.1	15:08	9.2	8.2	31.87	19.44	3.21	5	111	0.225	W
S1	20200221	Sunny	Moderate	Mid-Flood	B	4.1	15:08	9.56	8.18	32.14	19.37	3.18	6	112	0.207	W
S1	20200221	Sunny	Moderate	Mid-Flood	S	1	15:09	9.22	8.2	32.28	19.27	2.58	6	112	0.216	W
S1	20200221	Sunny	Moderate	Mid-Flood	S	1	15:09	8.61	8.16	31.99	19.41	2.79	7	114	0.226	W
S2A	20200221	Sunny	Moderate	Mid-Flood	B	8.5	15:29	8.55	8.07	32.75	19.35	3.35	6	112	0.201	W
S2A	20200221	Sunny	Moderate	Mid-Flood	B	8.5	15:29	9.61	8.1	31.87	19.43	3.35	7	112	0.189	W
S2A	20200221	Sunny	Moderate	Mid-Flood	M	4.75	15:30	9.44	8.21	31.68	19.4	3.02	5	111	0.216	W
S2A	20200221	Sunny	Moderate	Mid-Flood	M	4.75	15:30	9.45	8.13	32.7	19.3	2.57	6	111	0.273	W
S2A	20200221	Sunny	Moderate	Mid-Flood	S	1	15:31	9.28	8.07	31.25	19.35	2.68	5	111	0.186	W
S2A	20200221	Sunny	Moderate	Mid-Flood	S	1	15:31	9.44	8.06	32.27	19.42	2.43	6	112	0.253	W
S3	20200221	Sunny	Moderate	Mid-Flood	B	9.2	15:50	8.81	8.22	31.74	19.39	3.26	6	111	0.257	W
S3	20200221	Sunny	Moderate	Mid-Flood	B	9.2	15:50	9.72	8.16	32.85	19.31	3.11	5	111	0.281	NW
S3	20200221	Sunny	Moderate	Mid-Flood	M	5.1	15:51	8.68	8.06	32.09	19.31	2.92	6	112	0.206	W
S3	20200221	Sunny	Moderate	Mid-Flood	M	5.1	15:51	8.86	8.23	32.37	19.31	3.13	5	112	0.257	W
S3	20200221	Sunny	Moderate	Mid-Flood	S	1	15:52	9.5	8.18	31.21	19.22	2.67	8	114	0.2	W
S3	20200221	Sunny	Moderate	Mid-Flood	S	1	15:52	9.23	8.07	31.87	19.32	2.6	7	112	0.259	W
B1	20200224	Cloudy	Moderate	Mid-Flood	B	4.4	10:13	8.91	8.08	31.78	18.61	3.14	11	112	0.231	W
B1	20200224	Cloudy	Moderate	Mid-Flood	B	4.4	10:13	9.32	8.04	32.02	18.72	3.28	11	113	0.261	W
B1	20200224	Cloudy	Moderate	Mid-Flood	S	1	10:14	9.82	8.16	31.89	18.71	2.36	9	112	0.264	W
B1	20200224	Cloudy	Moderate	Mid-Flood	S	1	10:14	9.75	8.17	31.96	18.58	2.47	10	112	0.264	NW
B2	20200224	Cloudy	Moderate	Mid-Flood	B	4	10:35	9.5	8.22	31.62	18.63	3.11	8	112	0.219	W
B2	20200224	Cloudy	Moderate	Mid-Flood	B	4	10:35	8.63	8.04	31.89	18.6	3.15	8	113	0.265	W
B2	20200224	Cloudy	Moderate	Mid-Flood	S	1	10:36	8.57	8.11	32.05	18.63	2.48	11	112	0.186	W
B2	20200224	Cloudy	Moderate	Mid-Flood	S	1	10:36	9.12	8.26	31.75	18.67	2.57	10	112	0.226	W
B3	20200224	Cloudy	Moderate	Mid-Flood	B	3.6	9:45	8.47	8.21	32.03	18.65	2.94	10	114	0.277	W
B3	20200224	Cloudy	Moderate	Mid-Flood	B	3.6	9:45	9.41	8.22	31.74	18.68	3.34	9	112	0.212	W
B3	20200224	Cloudy	Moderate	Mid-Flood	S	1	9:46	9.21	8.1	32.09	18.55	2.48	8	112	0.226	W
B3	20200224	Cloudy	Moderate	Mid-Flood	S	1	9:46	8.55	8.04	31.65	18.7	2.42	8	112	0.282	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
B4	20200224	Cloudy	Moderate	Mid-Flood	B	4.3	9:38	9.55	8.08	31.57	18.54	3.41	11	114	0.239	W
B4	20200224	Cloudy	Moderate	Mid-Flood	B	4.3	9:38	9.61	8.06	32.01	18.58	3.34	10	111	0.194	NW
B4	20200224	Cloudy	Moderate	Mid-Flood	S	1	9:39	8.72	8.2	31.75	18.71	2.29	11	114	0.268	W
B4	20200224	Cloudy	Moderate	Mid-Flood	S	1	9:39	9.41	8.15	31.68	18.55	2.35	10	113	0.267	W
C1A	20200224	Cloudy	Moderate	Mid-Flood	B	9	9:13	8.57	8.14	31.56	18.52	2.98	9	113	0.27	W
C1A	20200224	Cloudy	Moderate	Mid-Flood	B	9	9:13	9.35	8.22	31.71	18.55	2.95	8	112	0.195	W
C1A	20200224	Cloudy	Moderate	Mid-Flood	M	5	9:14	9.79	8.17	31.79	18.59	2.73	8	113	0.17	W
C1A	20200224	Cloudy	Moderate	Mid-Flood	M	5	9:14	8.5	8.01	31.67	18.51	2.37	8	112	0.231	W
C1A	20200224	Cloudy	Moderate	Mid-Flood	S	1	9:15	9.17	8.14	31.95	18.56	2.24	7	112	0.257	W
C1A	20200224	Cloudy	Moderate	Mid-Flood	S	1	9:15	8.78	8.19	31.53	18.53	2.25	7	113	0.278	W
C2A	20200224	Cloudy	Moderate	Mid-Flood	B	10.4	8:00	8.8	8.04	31.61	18.5	2.71	8	113	0.26	W
C2A	20200224	Cloudy	Moderate	Mid-Flood	B	10.4	8:00	9.77	8.04	31.81	18.44	2.91	8	112	0.272	NW
C2A	20200224	Cloudy	Moderate	Mid-Flood	M	5.7	8:01	9.83	8.15	32.05	18.48	2.75	8	113	0.171	NW
C2A	20200224	Cloudy	Moderate	Mid-Flood	M	5.7	8:01	8.66	8.23	31.52	18.41	2.91	9	114	0.18	W
C2A	20200224	Cloudy	Moderate	Mid-Flood	S	1	8:02	9.26	8.01	32.14	18.42	2.23	9	112	0.178	W
C2A	20200224	Cloudy	Moderate	Mid-Flood	S	1	8:02	9	8.05	31.83	18.44	2.19	9	112	0.183	W
CR1	20200224	Cloudy	Moderate	Mid-Flood	B	12.1	8:24	8.8	8.18	31.98	18.46	2.82	12	113	0.235	W
CR1	20200224	Cloudy	Moderate	Mid-Flood	B	12.1	8:24	8.64	8.24	31.59	18.54	2.76	13	112	0.224	W
CR1	20200224	Cloudy	Moderate	Mid-Flood	M	6.55	8:25	9.21	8.03	31.64	18.43	2.71	12	112	0.175	W
CR1	20200224	Cloudy	Moderate	Mid-Flood	M	6.55	8:25	8.84	8.16	31.71	18.5	2.81	13	112	0.198	NW
CR1	20200224	Cloudy	Moderate	Mid-Flood	S	1	8:26	8.55	8.12	31.85	18.49	2.38	13	112	0.209	NW
CR1	20200224	Cloudy	Moderate	Mid-Flood	S	1	8:26	8.88	8.02	31.63	18.41	2.52	13	112	0.173	W
CR2	20200224	Cloudy	Moderate	Mid-Flood	B	10.5	8:42	9.83	8.22	31.51	18.6	3.22	7	112	0.27	W
CR2	20200224	Cloudy	Moderate	Mid-Flood	B	10.5	8:42	9.46	8.21	31.97	18.55	3.13	8	113	0.179	W
CR2	20200224	Cloudy	Moderate	Mid-Flood	M	5.75	8:43	9.01	8.03	31.57	18.45	2.48	14	112	0.229	W
CR2	20200224	Cloudy	Moderate	Mid-Flood	M	5.75	8:43	9.19	8.22	31.64	18.62	2.75	15	112	0.204	NW
CR2	20200224	Cloudy	Moderate	Mid-Flood	S	1	8:44	8.82	8.17	31.73	18.59	2.32	14	111	0.239	NW
CR2	20200224	Cloudy	Moderate	Mid-Flood	S	1	8:44	8.7	8.2	31.66	18.46	2.66	14	113	0.242	W

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	20200224	Cloudy	Moderate	Mid-Flood	B	6.7	9:13	9.74	8.06	31.99	18.53	2.92	9	113	0.184	NW
F1A	20200224	Cloudy	Moderate	Mid-Flood	B	6.7	9:13	8.74	8.2	32.03	18.48	2.92	8	112	0.238	W
F1A	20200224	Cloudy	Moderate	Mid-Flood	M	3.85	9:14	8.93	8.06	31.54	18.48	2.36	9	114	0.257	W
F1A	20200224	Cloudy	Moderate	Mid-Flood	M	3.85	9:14	9.85	8.18	31.5	18.51	2.8	9	111	0.235	W
F1A	20200224	Cloudy	Moderate	Mid-Flood	S	1	9:15	8.58	8.11	31.63	18.56	2.68	7	113	0.183	W
F1A	20200224	Cloudy	Moderate	Mid-Flood	S	1	9:15	8.79	8.13	31.93	18.49	2.53	8	113	0.199	W
H1	20200224	Cloudy	Moderate	Mid-Flood	B	7.5	9:41	9.61	8.06	31.57	18.71	3.12	8	112	0.217	W
H1	20200224	Cloudy	Moderate	Mid-Flood	B	7.5	9:41	8.59	8.12	31.79	18.55	3.19	9	112	0.269	W
H1	20200224	Cloudy	Moderate	Mid-Flood	M	4.25	9:42	9.04	8.19	31.66	18.57	2.46	8	112	0.234	W
H1	20200224	Cloudy	Moderate	Mid-Flood	M	4.25	9:42	9.36	8.18	31.84	18.55	2.8	9	112	0.241	NW
H1	20200224	Cloudy	Moderate	Mid-Flood	S	1	9:43	9.6	8.18	31.7	18.6	2.76	9	113	0.169	W
H1	20200224	Cloudy	Moderate	Mid-Flood	S	1	9:43	9.14	8.11	31.51	18.66	2.26	9	113	0.265	NW
M1	20200224	Cloudy	Moderate	Mid-Flood	B	7.5	8:52	9.44	8.23	32.12	18.49	2.99	9	112	0.206	W
M1	20200224	Cloudy	Moderate	Mid-Flood	B	7.5	8:52	9.63	8.05	31.92	18.62	3.04	8	113	0.221	W
M1	20200224	Cloudy	Moderate	Mid-Flood	M	4.25	8:53	9.12	8.25	31.73	18.51	2.37	11	114	0.17	W
M1	20200224	Cloudy	Moderate	Mid-Flood	M	4.25	8:53	8.98	8.04	31.96	18.46	2.81	11	111	0.271	NW
M1	20200224	Cloudy	Moderate	Mid-Flood	S	1	8:54	9.75	8.14	31.82	18.51	2.37	11	112	0.179	W
M1	20200224	Cloudy	Moderate	Mid-Flood	S	1	8:54	8.73	8.21	32.02	18.63	2.24	10	114	0.205	W
S1	20200224	Cloudy	Moderate	Mid-Flood	B	4.7	10:24	9.34	8.08	31.81	18.74	2.78	8	112	0.18	W
S1	20200224	Cloudy	Moderate	Mid-Flood	B	4.7	10:24	8.51	8.07	31.97	18.68	2.95	7	112	0.187	W
S1	20200224	Cloudy	Moderate	Mid-Flood	S	1	10:25	9.18	8.07	32.11	18.75	2.25	7	111	0.2	W
S1	20200224	Cloudy	Moderate	Mid-Flood	S	1	10:25	9.18	8.11	32.1	18.6	2.66	8	112	0.242	W
S2A	20200224	Cloudy	Moderate	Mid-Flood	B	8.5	9:59	9.89	8.14	31.99	18.64	2.91	11	113	0.214	NW
S2A	20200224	Cloudy	Moderate	Mid-Flood	B	8.5	9:59	9.9	8.01	32.04	18.66	3.18	12	112	0.228	W
S2A	20200224	Cloudy	Moderate	Mid-Flood	M	4.75	10:00	8.9	8.13	32.03	18.63	2.94	12	112	0.282	NW
S2A	20200224	Cloudy	Moderate	Mid-Flood	M	4.75	10:00	9.57	8.1	31.83	18.68	2.71	12	113	0.203	W
S2A	20200224	Cloudy	Moderate	Mid-Flood	S	1	10:01	9.42	8.23	31.93	18.57	2.38	13	112	0.269	W
S2A	20200224	Cloudy	Moderate	Mid-Flood	S	1	10:01	9.66	8.02	32.15	18.63	2.56	12	113	0.262	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
S3	20200224	Cloudy	Moderate	Mid-Flood	B	8.2	8:54	9.59	8.15	31.88	18.5	2.99	15	113	0.222	W
S3	20200224	Cloudy	Moderate	Mid-Flood	B	8.2	8:54	9.04	8.08	32.15	18.62	2.89	13	112	0.241	NW
S3	20200224	Cloudy	Moderate	Mid-Flood	M	4.6	8:55	9.76	8.09	31.95	18.51	2.41	13	113	0.276	NW
S3	20200224	Cloudy	Moderate	Mid-Flood	M	4.6	8:55	9.66	8.18	31.61	18.57	2.66	12	114	0.229	W
S3	20200224	Cloudy	Moderate	Mid-Flood	S	1	8:56	9.39	8.15	31.99	18.46	2.47	11	111	0.261	W
S3	20200224	Cloudy	Moderate	Mid-Flood	S	1	8:56	9.12	8.14	31.71	18.5	2.36	12	113	0.234	NW
B1	20200224	Cloudy	Moderate	Mid-Ebb	B	3.6	11:56	9.74	8.14	32.31	18.88	3.05	8	114	0.171	SE
B1	20200224	Cloudy	Moderate	Mid-Ebb	B	3.6	11:56	10.05	8.01	32.32	18.98	3.15	7	112	0.174	SE
B1	20200224	Cloudy	Moderate	Mid-Ebb	S	1	11:57	9.95	8.13	32.33	18.91	2.56	9	114	0.158	E
B1	20200224	Cloudy	Moderate	Mid-Ebb	S	1	11:57	8.74	8.19	32.5	18.99	2.36	8	112	0.151	E
B2	20200224	Cloudy	Moderate	Mid-Ebb	B	4.8	11:38	9.6	8.16	32.48	18.85	2.77	9	113	0.193	SE
B2	20200224	Cloudy	Moderate	Mid-Ebb	B	4.8	11:38	8.89	8.05	32.32	18.85	2.91	9	113	0.237	E
B2	20200224	Cloudy	Moderate	Mid-Ebb	S	1	11:39	9.24	8.1	32.13	18.86	2.47	8	113	0.185	SE
B2	20200224	Cloudy	Moderate	Mid-Ebb	S	1	11:39	8.65	8.05	32.11	18.75	2.57	9	113	0.171	E
B3	20200224	Cloudy	Moderate	Mid-Ebb	B	3.7	12:24	8.92	8.13	32.23	18.91	3.05	9	114	0.207	E
B3	20200224	Cloudy	Moderate	Mid-Ebb	B	3.7	12:24	9.56	8.13	32.12	18.81	3.34	8	113	0.179	E
B3	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:25	9.56	8.18	32.26	18.82	2.23	9	113	0.15	SE
B3	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:25	8.58	8.12	32.27	18.82	2.58	10	112	0.247	E
B4	20200224	Cloudy	Moderate	Mid-Ebb	B	3.7	12:32	9.05	8.07	32.5	18.9	2.92	8	113	0.152	E
B4	20200224	Cloudy	Moderate	Mid-Ebb	B	3.7	12:32	8.72	8.07	32.23	18.96	2.92	8	113	0.207	E
B4	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:33	8.75	8.03	32.22	18.9	2.54	7	113	0.227	SE
B4	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:33	9.2	8.23	32.25	19	2.39	8	114	0.246	SE
C1A	20200224	Cloudy	Moderate	Mid-Ebb	B	8.4	11:35	8.98	8.05	32.45	18.74	3.17	8	114	0.157	SE
C1A	20200224	Cloudy	Moderate	Mid-Ebb	B	8.4	11:35	8.81	8.26	32.42	18.91	3.15	8	112	0.223	E
C1A	20200224	Cloudy	Moderate	Mid-Ebb	M	4.7	11:36	9.72	8.02	32.1	18.89	2.39	7	113	0.217	E
C1A	20200224	Cloudy	Moderate	Mid-Ebb	M	4.7	11:36	9.66	8.04	32.17	18.82	2.68	8	114	0.236	SE
C1A	20200224	Cloudy	Moderate	Mid-Ebb	S	1	11:37	9.25	8.24	32.45	18.7	2.61	7	112	0.21	SE
C1A	20200224	Cloudy	Moderate	Mid-Ebb	S	1	11:37	9.53	8.07	32.46	18.92	2.16	8	113	0.157	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
C2A	20200224	Cloudy	Moderate	Mid-Ebb	B	10.8	13:08	9.27	8.19	32.13	19	2.7	9	112	0.216	SE
C2A	20200224	Cloudy	Moderate	Mid-Ebb	B	10.8	13:08	9.62	8.11	32.1	19.04	2.69	8	113	0.239	E
C2A	20200224	Cloudy	Moderate	Mid-Ebb	M	5.9	13:09	8.97	8.2	32.29	18.9	2.64	9	111	0.147	SE
C2A	20200224	Cloudy	Moderate	Mid-Ebb	M	5.9	13:09	8.61	8.12	32.35	19.04	2.45	8	113	0.185	SE
C2A	20200224	Cloudy	Moderate	Mid-Ebb	S	1	13:10	8.65	8.07	32.2	18.98	2.19	9	114	0.154	SE
C2A	20200224	Cloudy	Moderate	Mid-Ebb	S	1	13:10	9.36	8.16	32.42	19	2.52	8	112	0.177	E
CR1	20200224	Cloudy	Moderate	Mid-Ebb	B	12.4	12:44	9.6	8	32.49	18.89	2.91	8	111	0.179	E
CR1	20200224	Cloudy	Moderate	Mid-Ebb	B	12.4	12:44	9.28	8.11	32.12	18.88	2.98	9	113	0.149	E
CR1	20200224	Cloudy	Moderate	Mid-Ebb	M	6.7	12:45	9.75	8.25	32.49	19.06	2.32	8	112	0.211	E
CR1	20200224	Cloudy	Moderate	Mid-Ebb	M	6.7	12:45	9.65	8.17	32.21	18.88	2.36	9	114	0.216	SE
CR1	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:46	8.55	8.1	32.41	18.94	2.13	7	112	0.148	SE
CR1	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:46	9.97	8.2	32.28	19.08	2.66	8	112	0.217	SE
CR2	20200224	Cloudy	Moderate	Mid-Ebb	B	11.2	12:18	9.77	8.08	32.17	18.84	2.68	8	114	0.164	SE
CR2	20200224	Cloudy	Moderate	Mid-Ebb	B	11.2	12:18	9.51	8	32.1	18.9	3.06	9	113	0.206	E
CR2	20200224	Cloudy	Moderate	Mid-Ebb	M	6.1	12:19	8.66	7.99	32.19	18.99	2.3	10	112	0.217	SE
CR2	20200224	Cloudy	Moderate	Mid-Ebb	M	6.1	12:19	9.95	8.16	32.5	19.03	2.58	9	113	0.159	SE
CR2	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:20	10	8.21	32.15	18.89	2.54	10	112	0.23	SE
CR2	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:20	9.59	8.06	32.42	18.95	2.25	8	113	0.181	SE
F1A	20200224	Cloudy	Moderate	Mid-Ebb	B	7.8	12:54	8.99	8.09	32.24	18.94	3.14	9	112	0.238	E
F1A	20200224	Cloudy	Moderate	Mid-Ebb	B	7.8	12:54	9.04	8.07	32.38	18.95	2.88	9	114	0.239	SE
F1A	20200224	Cloudy	Moderate	Mid-Ebb	M	4.4	12:55	8.7	8.09	32.14	19.02	2.73	9	114	0.181	SE
F1A	20200224	Cloudy	Moderate	Mid-Ebb	M	4.4	12:55	8.7	8.02	32.18	18.88	2.24	10	111	0.178	E
F1A	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:56	9.7	8.04	32.43	18.92	2.17	10	112	0.22	E
F1A	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:56	9.4	8.19	32.19	18.97	2.58	11	114	0.167	E
H1	20200224	Cloudy	Moderate	Mid-Ebb	B	7.8	11:59	9.1	8.03	32.45	18.89	2.69	8	113	0.197	SE
H1	20200224	Cloudy	Moderate	Mid-Ebb	B	7.8	11:59	10.09	8.08	32.42	18.8	3.05	9	112	0.159	E
H1	20200224	Cloudy	Moderate	Mid-Ebb	M	4.4	12:00	9.24	8.05	32.41	18.93	2.37	9	112	0.207	SE
H1	20200224	Cloudy	Moderate	Mid-Ebb	M	4.4	12:00	9.82	8.07	32.44	18.93	2.66	8	112	0.25	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:01	9.03	8.27	32.17	18.85	2.5	9	112	0.21	SE
H1	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:01	9.23	8.13	32.45	18.95	2.55	10	113	0.157	E
M1	20200224	Cloudy	Moderate	Mid-Ebb	B	7.8	13:17	9.07	8.14	32.15	18.87	2.78	10	112	0.211	E
M1	20200224	Cloudy	Moderate	Mid-Ebb	B	7.8	13:17	8.67	8.2	32.37	18.91	2.78	10	112	0.246	E
M1	20200224	Cloudy	Moderate	Mid-Ebb	M	4.4	13:18	8.85	8.21	32.22	18.98	2.25	9	112	0.192	SE
M1	20200224	Cloudy	Moderate	Mid-Ebb	M	4.4	13:18	9.62	8.18	32.26	18.88	2.5	9	113	0.169	SE
M1	20200224	Cloudy	Moderate	Mid-Ebb	S	1	13:19	8.8	8.05	32.35	18.94	2.71	8	114	0.224	SE
M1	20200224	Cloudy	Moderate	Mid-Ebb	S	1	13:19	9.85	8.26	32.33	18.88	2.56	9	112	0.218	E
S1	20200224	Cloudy	Moderate	Mid-Ebb	B	3.8	11:47	10.07	8.09	32.4	18.78	3.05	8	114	0.233	SE
S1	20200224	Cloudy	Moderate	Mid-Ebb	B	3.8	11:47	9.67	7.99	32.12	18.92	2.68	7	111	0.21	SE
S1	20200224	Cloudy	Moderate	Mid-Ebb	S	1	11:48	9.91	8.02	32.38	18.87	2.19	7	112	0.148	SE
S1	20200224	Cloudy	Moderate	Mid-Ebb	S	1	11:48	8.63	8.24	32.17	18.86	2.46	7	113	0.243	SE
S2A	20200224	Cloudy	Moderate	Mid-Ebb	B	8.1	12:09	9.65	8.11	32.44	18.94	2.68	8	112	0.173	SE
S2A	20200224	Cloudy	Moderate	Mid-Ebb	B	8.1	12:09	10.03	8.21	32.38	18.88	2.82	9	113	0.182	SE
S2A	20200224	Cloudy	Moderate	Mid-Ebb	M	4.55	12:10	8.57	8.11	32.25	18.84	2.15	7	112	0.189	SE
S2A	20200224	Cloudy	Moderate	Mid-Ebb	M	4.55	12:10	9.41	8.01	32.23	18.89	2.39	8	111	0.213	SE
S2A	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:11	8.64	8.15	32.38	18.93	2.64	8	112	0.198	SE
S2A	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:11	8.74	8.24	32.21	18.85	2.55	7	111	0.195	SE
S3	20200224	Cloudy	Moderate	Mid-Ebb	B	10.5	12:30	9.73	8.23	32.46	18.92	2.79	7	113	0.21	SE
S3	20200224	Cloudy	Moderate	Mid-Ebb	B	10.5	12:30	9.5	8.26	32.23	18.97	2.87	8	113	0.221	E
S3	20200224	Cloudy	Moderate	Mid-Ebb	M	5.75	12:31	9.96	8.23	32.28	18.93	2.53	9	113	0.198	SE
S3	20200224	Cloudy	Moderate	Mid-Ebb	M	5.75	12:31	8.68	8.07	32.28	18.92	2.28	8	114	0.158	E
S3	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:32	9.58	8.2	32.1	18.83	2.77	8	112	0.205	SE
S3	20200224	Cloudy	Moderate	Mid-Ebb	S	1	12:32	8.55	8.25	32.19	19.05	2.63	9	112	0.217	E
B1	20200226	Sunny	Moderate	Mid-Flood	B	4	10:46	9.54	8.1	31.68	20.65	3.45	5	111	0.258	W
B1	20200226	Sunny	Moderate	Mid-Flood	B	4	10:46	8.34	8.18	31.51	20.62	3.4	5	109	0.276	W
B1	20200226	Sunny	Moderate	Mid-Flood	S	1	10:47	8.47	8.19	31.59	20.62	2.57	4	109	0.278	W
B1	20200226	Sunny	Moderate	Mid-Flood	S	1	10:47	8.32	8.09	31.81	20.59	2.86	5	109	0.199	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20200226	Sunny	Moderate	Mid-Flood	B	3.8	11:07	8.5	8.12	31.64	20.74	3.46	5	111	0.277	W
B2	20200226	Sunny	Moderate	Mid-Flood	B	3.8	11:07	8.24	8.05	31.84	20.63	3.32	4	110	0.268	W
B2	20200226	Sunny	Moderate	Mid-Flood	S	1	11:08	8.53	8.22	31.33	20.59	2.6	6	109	0.254	W
B2	20200226	Sunny	Moderate	Mid-Flood	S	1	11:08	8.33	8.06	31.43	20.63	3.06	6	111	0.168	NW
B3	20200226	Sunny	Moderate	Mid-Flood	B	4	10:18	8.58	8.17	31.65	20.54	3.26	5	111	0.26	NW
B3	20200226	Sunny	Moderate	Mid-Flood	B	4	10:18	9.71	8.04	31.78	20.65	3.29	6	111	0.278	W
B3	20200226	Sunny	Moderate	Mid-Flood	S	1	10:19	8.83	8.05	31.77	20.54	2.7	4	111	0.194	W
B3	20200226	Sunny	Moderate	Mid-Flood	S	1	10:19	9.19	8.05	31.28	20.59	2.91	4	111	0.175	W
B4	20200226	Sunny	Moderate	Mid-Flood	B	4.3	10:09	8.95	8.22	31.32	20.68	3.72	5	111	0.226	W
B4	20200226	Sunny	Moderate	Mid-Flood	B	4.3	10:09	9.32	8.04	31.47	20.67	3.2	5	111	0.208	W
B4	20200226	Sunny	Moderate	Mid-Flood	S	1	10:10	8.17	8.13	31.47	20.49	3.03	4	111	0.186	W
B4	20200226	Sunny	Moderate	Mid-Flood	S	1	10:10	8.65	8.08	31.28	20.63	2.92	4	112	0.251	W
C1A	20200226	Sunny	Moderate	Mid-Flood	B	9.3	9:18	9.06	8.03	31.75	20.41	3.13	7	114	0.259	W
C1A	20200226	Sunny	Moderate	Mid-Flood	B	9.3	9:18	9.04	8.23	31.33	20.35	3.23	7	112	0.272	NW
C1A	20200226	Sunny	Moderate	Mid-Flood	M	5.15	9:19	8.43	8.17	31.57	20.56	2.92	6	112	0.278	W
C1A	20200226	Sunny	Moderate	Mid-Flood	M	5.15	9:19	9.01	8.2	31.74	20.46	2.92	5	112	0.243	W
C1A	20200226	Sunny	Moderate	Mid-Flood	S	1	9:20	9.41	8.08	31.68	20.32	2.74	5	115	0.206	W
C1A	20200226	Sunny	Moderate	Mid-Flood	S	1	9:20	9.04	8.14	31.28	20.35	2.68	6	114	0.243	W
C2A	20200226	Sunny	Moderate	Mid-Flood	B	10.5	8:00	8.58	8.17	31.82	20.14	3.1	6	113	0.237	W
C2A	20200226	Sunny	Moderate	Mid-Flood	B	10.5	8:00	8.89	8.16	31.35	20.16	3.18	6	114	0.237	W
C2A	20200226	Sunny	Moderate	Mid-Flood	M	5.75	8:01	8.46	8.21	31.36	20.3	2.89	6	112	0.238	W
C2A	20200226	Sunny	Moderate	Mid-Flood	M	5.75	8:01	9.19	8.01	31.67	20.12	2.78	6	112	0.255	W
C2A	20200226	Sunny	Moderate	Mid-Flood	S	1	8:02	8.77	8.16	31.81	20.28	2.61	4	113	0.188	W
C2A	20200226	Sunny	Moderate	Mid-Flood	S	1	8:02	9.09	8.14	31.62	20.33	2.85	4	112	0.185	W
CR1	20200226	Sunny	Moderate	Mid-Flood	B	11.8	8:29	9.44	8.12	31.53	20.28	3.21	5	115	0.278	W
CR1	20200226	Sunny	Moderate	Mid-Flood	B	11.8	8:29	8.45	8.2	31.78	20.33	3.11	4	113	0.245	W
CR1	20200226	Sunny	Moderate	Mid-Flood	M	6.4	8:30	8.21	8.02	31.42	20.32	3.26	4	114	0.281	W
CR1	20200226	Sunny	Moderate	Mid-Flood	M	6.4	8:30	8.81	8.12	31.35	20.49	2.73	3	112	0.249	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20200226	Sunny	Moderate	Mid-Flood	S	1	8:31	9.1	8.12	31.66	20.49	3.05	2	114	0.253	NW
CR1	20200226	Sunny	Moderate	Mid-Flood	S	1	8:31	9.22	8.12	31.72	20.37	3.01	3	113	0.267	W
CR2	20200226	Sunny	Moderate	Mid-Flood	B	10.8	8:46	8.96	8.01	31.83	20.53	3.33	4	112	0.248	W
CR2	20200226	Sunny	Moderate	Mid-Flood	B	10.8	8:46	9.09	8.13	31.84	20.45	3.39	3	113	0.168	W
CR2	20200226	Sunny	Moderate	Mid-Flood	M	5.9	8:47	9.42	8.06	31.61	20.44	2.86	4	114	0.249	W
CR2	20200226	Sunny	Moderate	Mid-Flood	M	5.9	8:47	8.21	8.22	31.83	20.36	2.81	4	112	0.257	W
CR2	20200226	Sunny	Moderate	Mid-Flood	S	1	8:48	9.64	8.14	31.53	20.45	2.58	6	114	0.171	W
CR2	20200226	Sunny	Moderate	Mid-Flood	S	1	8:48	8.25	8.15	31.72	20.46	2.92	5	112	0.251	NW
F1A	20200226	Sunny	Moderate	Mid-Flood	B	7.7	9:46	9.2	8.13	31.59	20.6	3.54	7	114	0.21	W
F1A	20200226	Sunny	Moderate	Mid-Flood	B	7.7	9:46	8.75	8	31.84	20.45	3.36	6	114	0.267	W
F1A	20200226	Sunny	Moderate	Mid-Flood	M	4.35	9:47	8.54	8.14	31.74	20.44	2.76	6	113	0.238	NW
F1A	20200226	Sunny	Moderate	Mid-Flood	M	4.35	9:47	9.16	8.1	31.52	20.47	2.85	6	113	0.266	W
F1A	20200226	Sunny	Moderate	Mid-Flood	S	1	9:48	9.1	8.22	31.84	20.58	2.75	5	113	0.168	W
F1A	20200226	Sunny	Moderate	Mid-Flood	S	1	9:48	9.47	8.13	31.67	20.51	3.03	4	112	0.227	W
H1	20200226	Sunny	Moderate	Mid-Flood	B	6.8	9:45	8.23	8.21	31.32	20.43	3.16	6	111	0.186	W
H1	20200226	Sunny	Moderate	Mid-Flood	B	6.8	9:45	8.44	8.03	31.68	20.54	3.14	5	113	0.218	W
H1	20200226	Sunny	Moderate	Mid-Flood	M	3.9	9:46	9.16	8.22	31.32	20.56	2.7	5	110	0.228	NW
H1	20200226	Sunny	Moderate	Mid-Flood	M	3.9	9:46	9.09	8	31.63	20.62	3.2	5	111	0.25	W
H1	20200226	Sunny	Moderate	Mid-Flood	S	1	9:47	8.94	8.09	31.67	20.59	2.84	3	112	0.19	W
H1	20200226	Sunny	Moderate	Mid-Flood	S	1	9:47	9.09	8.01	31.29	20.44	2.61	2	111	0.225	W
M1	20200226	Sunny	Moderate	Mid-Flood	B	7.7	9:23	8.63	8.18	31.82	20.35	3.59	6	113	0.274	W
M1	20200226	Sunny	Moderate	Mid-Flood	B	7.7	9:23	9.63	8.15	31.48	20.39	3.31	5	113	0.195	W
M1	20200226	Sunny	Moderate	Mid-Flood	M	4.35	9:24	8.36	8.17	31.47	20.43	3.23	5	113	0.193	W
M1	20200226	Sunny	Moderate	Mid-Flood	M	4.35	9:24	9.37	8.14	31.36	20.37	3.12	4	113	0.272	W
M1	20200226	Sunny	Moderate	Mid-Flood	S	1	9:25	8.63	8.09	31.45	20.38	3.03	2	114	0.201	W
M1	20200226	Sunny	Moderate	Mid-Flood	S	1	9:25	9.18	8.14	31.73	20.35	2.62	3	115	0.176	W
S1	20200226	Sunny	Moderate	Mid-Flood	B	4.7	10:57	9.31	8.2	31.43	20.7	3.22	8	114	0.25	NW
S1	20200226	Sunny	Moderate	Mid-Flood	B	4.7	10:57	8.48	8.22	31.3	20.66	3.58	8	113	0.265	W

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	20200226	Sunny	Moderate	Mid-Flood	S	1	10:58	8.95	8.1	31.58	20.55	3.09	7	110	0.25	W
S1	20200226	Sunny	Moderate	Mid-Flood	S	1	10:58	8.48	8.02	31.43	20.64	2.89	6	113	0.188	W
S2A	20200226	Sunny	Moderate	Mid-Flood	B	8.1	10:33	9.22	8.12	31.71	20.51	3.31	6	113	0.26	W
S2A	20200226	Sunny	Moderate	Mid-Flood	B	8.1	10:33	9.49	8.07	31.81	20.64	3.03	5	113	0.204	W
S2A	20200226	Sunny	Moderate	Mid-Flood	M	4.55	10:34	9.28	8.16	31.55	20.67	2.88	4	113	0.246	NW
S2A	20200226	Sunny	Moderate	Mid-Flood	M	4.55	10:34	9.5	8.02	31.76	20.58	3.07	5	113	0.224	W
S2A	20200226	Sunny	Moderate	Mid-Flood	S	1	10:35	8.51	8.23	31.64	20.68	2.65	4	114	0.228	W
S2A	20200226	Sunny	Moderate	Mid-Flood	S	1	10:35	9.42	8.03	31.35	20.57	2.7	4	113	0.17	W
S3	20200226	Sunny	Moderate	Mid-Flood	B	9.5	8:58	9.14	8.17	31.65	20.54	3.52	4	112	0.172	W
S3	20200226	Sunny	Moderate	Mid-Flood	B	9.5	8:58	9.2	8.16	31.73	20.31	3.25	5	113	0.248	W
S3	20200226	Sunny	Moderate	Mid-Flood	M	5.25	8:59	8.5	8.04	31.85	20.43	2.7	5	115	0.196	W
S3	20200226	Sunny	Moderate	Mid-Flood	M	5.25	8:59	8.43	8.12	31.59	20.3	2.85	4	112	0.19	W
S3	20200226	Sunny	Moderate	Mid-Flood	S	1	9:00	8.62	8.05	31.39	20.44	2.7	3	113	0.221	W
S3	20200226	Sunny	Moderate	Mid-Flood	S	1	9:00	8.17	8.08	31.82	20.41	2.89	4	112	0.246	W
B1	20200226	Sunny	Moderate	Mid-Ebb	B	3.9	12:44	8.28	8.22	31.49	20.85	3.11	5	113	0.184	SE
B1	20200226	Sunny	Moderate	Mid-Ebb	B	3.9	12:44	8.49	7.96	31.77	20.74	3.46	5	113	0.25	SE
B1	20200226	Sunny	Moderate	Mid-Ebb	S	1	12:45	8.88	8.14	31.76	20.91	3.02	3	112	0.168	E
B1	20200226	Sunny	Moderate	Mid-Ebb	S	1	12:45	8.15	8.02	31.66	20.74	2.63	4	113	0.231	SE
B2	20200226	Sunny	Moderate	Mid-Ebb	B	4.9	12:25	8.93	8.23	31.42	20.89	3.24	4	112	0.166	SE
B2	20200226	Sunny	Moderate	Mid-Ebb	B	4.9	12:25	8.37	7.98	31.41	20.8	3.46	5	112	0.238	SE
B2	20200226	Sunny	Moderate	Mid-Ebb	S	1	12:26	8.25	8.03	31.66	20.76	2.58	3	112	0.176	SE
B2	20200226	Sunny	Moderate	Mid-Ebb	S	1	12:26	8.39	7.99	31.54	20.72	2.71	3	112	0.251	SE
B3	20200226	Sunny	Moderate	Mid-Ebb	B	4.4	13:10	8.95	7.99	31.71	20.98	3.58	6	111	0.176	SE
B3	20200226	Sunny	Moderate	Mid-Ebb	B	4.4	13:10	9.53	8.23	31.75	20.93	3.61	5	113	0.229	SE
B3	20200226	Sunny	Moderate	Mid-Ebb	S	1	13:11	8.83	8.08	31.43	20.86	2.94	4	114	0.245	SE
B3	20200226	Sunny	Moderate	Mid-Ebb	S	1	13:11	9.65	8.06	31.86	20.98	3.08	5	114	0.212	SE
B4	20200226	Sunny	Moderate	Mid-Ebb	B	3.4	13:17	8.42	8.03	31.79	20.85	3.49	2	113	0.221	E
B4	20200226	Sunny	Moderate	Mid-Ebb	B	3.4	13:17	9.01	8.19	31.43	20.99	3.74	2	112	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
B4	20200226	Sunny	Moderate	Mid-Ebb	S	1	13:18	8.98	8.07	31.51	20.96	3.12	4	114	0.244	SE
B4	20200226	Sunny	Moderate	Mid-Ebb	S	1	13:18	9.39	8.22	31.82	20.93	3.13	5	114	0.183	SE
C1A	20200226	Sunny	Moderate	Mid-Ebb	B	8.5	12:24	9.35	8.21	31.8	20.86	3.21	6	112	0.194	SE
C1A	20200226	Sunny	Moderate	Mid-Ebb	B	8.5	12:24	8.5	8	31.78	20.87	3.32	5	114	0.229	SE
C1A	20200226	Sunny	Moderate	Mid-Ebb	M	4.75	12:25	9.52	8.16	31.67	20.89	2.81	4	113	0.172	SE
C1A	20200226	Sunny	Moderate	Mid-Ebb	M	4.75	12:25	9.16	8.09	31.41	20.9	2.69	3	113	0.169	SE
C1A	20200226	Sunny	Moderate	Mid-Ebb	S	1	12:26	8.69	8.06	31.41	20.88	2.94	3	113	0.168	E
C1A	20200226	Sunny	Moderate	Mid-Ebb	S	1	12:26	8.48	8.09	31.44	20.91	2.55	4	115	0.224	SE
C2A	20200226	Sunny	Moderate	Mid-Ebb	B	10.5	13:59	8.57	8.18	31.69	20.85	3.26	3	113	0.203	SE
C2A	20200226	Sunny	Moderate	Mid-Ebb	B	10.5	13:59	8.91	8.1	31.4	20.95	3.25	4	114	0.241	E
C2A	20200226	Sunny	Moderate	Mid-Ebb	M	5.75	14:00	9.58	8.24	31.57	20.94	2.56	3	114	0.248	SE
C2A	20200226	Sunny	Moderate	Mid-Ebb	M	5.75	14:00	8.64	8.05	31.77	20.86	2.68	4	113	0.19	SE
C2A	20200226	Sunny	Moderate	Mid-Ebb	S	1	14:01	8.33	8.01	31.53	21.05	2.84	2	113	0.221	SE
C2A	20200226	Sunny	Moderate	Mid-Ebb	S	1	14:01	8.25	8.21	31.46	21.04	2.64	3	112	0.248	E
CR1	20200226	Sunny	Moderate	Mid-Ebb	B	12.7	13:35	8.95	7.97	31.45	20.92	3.43	4	113	0.197	E
CR1	20200226	Sunny	Moderate	Mid-Ebb	B	12.7	13:35	8.95	8.23	31.77	20.99	3.51	3	115	0.196	SE
CR1	20200226	Sunny	Moderate	Mid-Ebb	M	6.85	13:36	9.52	8.23	31.48	20.95	3.09	4	114	0.193	E
CR1	20200226	Sunny	Moderate	Mid-Ebb	M	6.85	13:36	9.46	8.08	31.65	20.75	2.73	3	114	0.213	SE
CR1	20200226	Sunny	Moderate	Mid-Ebb	S	1	13:37	8.47	8.1	31.83	20.91	2.74	5	115	0.248	SE
CR1	20200226	Sunny	Moderate	Mid-Ebb	S	1	13:37	8.67	8.14	31.47	20.95	3.08	4	114	0.186	SE
CR2	20200226	Sunny	Moderate	Mid-Ebb	B	11.3	13:09	8.45	8.19	31.62	20.86	3.52	5	113	0.233	E
CR2	20200226	Sunny	Moderate	Mid-Ebb	B	11.3	13:09	8.36	8.06	31.42	20.78	3.11	5	115	0.211	SE
CR2	20200226	Sunny	Moderate	Mid-Ebb	M	6.15	13:10	8.31	8.09	31.46	20.82	2.64	2	114	0.237	SE
CR2	20200226	Sunny	Moderate	Mid-Ebb	M	6.15	13:10	9.42	8.25	31.64	20.82	2.61	3	114	0.232	SE
CR2	20200226	Sunny	Moderate	Mid-Ebb	S	1	13:11	8.61	8.03	31.69	20.93	2.77	<2	114	0.244	SE
CR2	20200226	Sunny	Moderate	Mid-Ebb	S	1	13:11	8.47	8.06	31.55	20.92	2.94	3	114	0.251	E
F1A	20200226	Sunny	Moderate	Mid-Ebb	B	8.2	13:38	8.91	7.98	31.75	20.87	3.66	4	114	0.168	SE
F1A	20200226	Sunny	Moderate	Mid-Ebb	B	8.2	13:38	8.46	7.99	31.7	20.9	3.15	4	113	0.185	SE

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20200226	Sunny	Moderate	Mid-Ebb	M	4.6	13:39	9.47	7.96	31.51	20.97	2.74	3	114	0.223	SE
F1A	20200226	Sunny	Moderate	Mid-Ebb	M	4.6	13:39	9.37	8.18	31.72	20.85	2.93	4	114	0.21	SE
F1A	20200226	Sunny	Moderate	Mid-Ebb	S	1	13:40	9.68	8.18	31.46	20.86	2.55	2	113	0.169	SE
F1A	20200226	Sunny	Moderate	Mid-Ebb	S	1	13:40	8.63	8.2	31.77	20.98	2.79	3	113	0.198	SE
H1	20200226	Sunny	Moderate	Mid-Ebb	B	6.9	12:51	8.34	8.19	31.64	20.89	3.26	3	113	0.208	SE
H1	20200226	Sunny	Moderate	Mid-Ebb	B	6.9	12:51	9.34	8.05	31.47	20.81	3.27	4	113	0.238	SE
H1	20200226	Sunny	Moderate	Mid-Ebb	M	3.95	12:52	9.04	8.06	31.83	20.8	3.14	3	113	0.175	SE
H1	20200226	Sunny	Moderate	Mid-Ebb	M	3.95	12:52	9.09	7.97	31.88	20.95	2.96	4	114	0.234	E
H1	20200226	Sunny	Moderate	Mid-Ebb	S	1	12:53	9.15	8.12	31.6	20.92	2.97	3	113	0.18	SE
H1	20200226	Sunny	Moderate	Mid-Ebb	S	1	12:53	8.51	8.22	31.53	20.83	2.71	3	113	0.187	SE
M1	20200226	Sunny	Moderate	Mid-Ebb	B	8.2	13:59	9.52	8.1	31.45	20.94	3.39	4	114	0.187	SE
M1	20200226	Sunny	Moderate	Mid-Ebb	B	8.2	13:59	9.62	8.2	31.44	20.88	3.45	4	112	0.186	SE
M1	20200226	Sunny	Moderate	Mid-Ebb	M	4.6	14:00	9.55	7.96	31.86	21.01	3.11	6	114	0.242	SE
M1	20200226	Sunny	Moderate	Mid-Ebb	M	4.6	14:00	9.49	7.97	31.74	20.86	2.76	5	114	0.169	SE
M1	20200226	Sunny	Moderate	Mid-Ebb	S	1	14:01	8.41	8.04	31.83	21	3.03	5	115	0.178	E
M1	20200226	Sunny	Moderate	Mid-Ebb	S	1	14:01	8.86	8.12	31.6	20.93	2.86	6	115	0.241	SE
S1	20200226	Sunny	Moderate	Mid-Ebb	B	4	12:35	9.26	8.15	31.75	20.88	3.48	3	113	0.25	E
S1	20200226	Sunny	Moderate	Mid-Ebb	B	4	12:35	9.69	8.09	31.78	20.89	3.66	4	113	0.249	SE
S1	20200226	Sunny	Moderate	Mid-Ebb	S	1	12:36	8.68	8.2	31.75	20.73	2.56	5	113	0.246	E
S1	20200226	Sunny	Moderate	Mid-Ebb	S	1	12:36	9.08	7.96	31.67	20.74	2.55	4	114	0.248	SE
S2A	20200226	Sunny	Moderate	Mid-Ebb	B	8.5	12:57	8.19	8.22	31.52	20.94	3.14	4	114	0.207	SE
S2A	20200226	Sunny	Moderate	Mid-Ebb	B	8.5	12:57	8.63	8.17	31.69	20.87	3.45	3	115	0.228	E
S2A	20200226	Sunny	Moderate	Mid-Ebb	M	4.75	12:58	8.39	8.13	31.78	20.8	2.58	3	114	0.204	SE
S2A	20200226	Sunny	Moderate	Mid-Ebb	M	4.75	12:58	9.31	8.05	31.83	20.95	2.88	3	115	0.227	E
S2A	20200226	Sunny	Moderate	Mid-Ebb	S	1	12:59	8.6	8.25	31.51	20.8	2.75	3	113	0.226	SE
S2A	20200226	Sunny	Moderate	Mid-Ebb	S	1	12:59	9.33	8.11	31.56	20.83	3.05	3	114	0.207	E
S3	20200226	Sunny	Moderate	Mid-Ebb	B	10.1	13:21	8.7	7.98	31.68	20.92	3.25	3	114	0.192	SE
S3	20200226	Sunny	Moderate	Mid-Ebb	B	10.1	13:21	9.52	7.99	31.84	20.98	3.5	3	114	0.22	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
S3	20200226	Sunny	Moderate	Mid-Ebb	M	5.55	13:22	8.96	8.25	31.54	20.96	2.98	2	113	0.206	SE
S3	20200226	Sunny	Moderate	Mid-Ebb	M	5.55	13:22	8.27	8.02	31.72	20.88	2.88	3	113	0.225	SE
S3	20200226	Sunny	Moderate	Mid-Ebb	S	1	13:23	8.36	8.12	31.8	20.78	2.69	2	114	0.185	SE
S3	20200226	Sunny	Moderate	Mid-Ebb	S	1	13:23	9.05	8.01	31.79	20.78	2.93	2	114	0.186	E
B1	20200228	Cloudy	Moderate	Mid-Flood	B	4.2	9:47	8.85	8.17	31.43	19.4	3.37	4	111	0.271	NW
B1	20200228	Cloudy	Moderate	Mid-Flood	B	4.2	9:47	9.33	8.23	31.78	19.44	3.45	5	113	0.267	W
B1	20200228	Cloudy	Moderate	Mid-Flood	S	1	9:48	8.8	8.08	31.41	19.32	2.59	6	110	0.188	W
B1	20200228	Cloudy	Moderate	Mid-Flood	S	1	9:48	9.01	8.08	31.82	19.41	2.85	6	108	0.231	W
B2	20200228	Cloudy	Moderate	Mid-Flood	B	4	10:17	8.45	8.01	31.4	19.44	3.68	7	114	0.265	W
B2	20200228	Cloudy	Moderate	Mid-Flood	B	4	10:17	9.04	8.25	31.45	19.5	3.69	8	113	0.276	W
B2	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:18	8.72	8.16	31.44	19.31	2.95	6	113	0.239	W
B2	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:18	9.22	8.27	31.5	19.3	3.11	8	112	0.205	W
B3	20200228	Cloudy	Moderate	Mid-Flood	B	3.4	10:57	9.17	8.26	31.72	19.48	3.4	7	112	0.232	W
B3	20200228	Cloudy	Moderate	Mid-Flood	B	3.4	10:57	9.15	8.26	31.72	19.48	3.59	8	111	0.202	W
B3	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:58	8.59	8.02	31.76	19.39	3.04	7	112	0.278	W
B3	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:58	9.29	8.01	31.8	19.51	2.9	6	111	0.218	W
B4	20200228	Cloudy	Moderate	Mid-Flood	B	3.5	10:50	8.65	8.03	31.43	19.38	3.74	7	111	0.189	NW
B4	20200228	Cloudy	Moderate	Mid-Flood	B	3.5	10:50	8.77	8.27	31.98	19.48	3.69	7	111	0.228	W
B4	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:51	8.43	8.11	31.66	19.49	2.97	6	112	0.222	NW
B4	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:51	8.88	8.25	31.98	19.65	3.1	7	111	0.269	W
C1A	20200228	Cloudy	Moderate	Mid-Flood	B	9.1	9:10	8.44	8.14	31.46	19.29	3.24	5	110	0.255	W
C1A	20200228	Cloudy	Moderate	Mid-Flood	B	9.1	9:10	9.39	8.17	31.65	19.2	3.12	5	109	0.219	W
C1A	20200228	Cloudy	Moderate	Mid-Flood	M	5.05	9:11	8.83	8.22	31.78	19.25	2.8	6	107	0.23	W
C1A	20200228	Cloudy	Moderate	Mid-Flood	M	5.05	9:11	8.49	8.26	31.4	19.31	3.29	5	109	0.246	W
C1A	20200228	Cloudy	Moderate	Mid-Flood	S	1	9:12	9.32	8.14	31.9	19.39	3.16	6	111	0.211	NW
C1A	20200228	Cloudy	Moderate	Mid-Flood	S	1	9:12	8.76	8.21	31.83	19.25	2.59	5	112	0.255	NW
C2A	20200228	Cloudy	Moderate	Mid-Flood	B	10	8:00	8.58	8.09	31.9	19.33	3.66	6	112	0.275	W
C2A	20200228	Cloudy	Moderate	Mid-Flood	B	10	8:00	9.15	8.15	31.42	19.47	3.32	6	111	0.231	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
C2A	20200228	Cloudy	Moderate	Mid-Flood	M	5.5	8:01	8.59	8.04	31.9	19.2	3.19	8	111	0.238	W
C2A	20200228	Cloudy	Moderate	Mid-Flood	M	5.5	8:01	8.64	8.09	31.47	19.28	3.23	7	110	0.239	W
C2A	20200228	Cloudy	Moderate	Mid-Flood	S	1	8:02	8.44	8.22	31.61	19.27	2.71	7	110	0.233	W
C2A	20200228	Cloudy	Moderate	Mid-Flood	S	1	8:02	8.57	8.1	31.76	19.05	2.94	8	111	0.247	W
CR1	20200228	Cloudy	Moderate	Mid-Flood	B	11.9	8:23	8.37	8.12	31.66	19.1	3.33	5	110	0.273	NW
CR1	20200228	Cloudy	Moderate	Mid-Flood	B	11.9	8:23	8.42	8.24	31.76	19.27	3.33	5	109	0.251	W
CR1	20200228	Cloudy	Moderate	Mid-Flood	M	6.45	8:24	9	8.01	31.87	19.18	2.94	8	111	0.234	W
CR1	20200228	Cloudy	Moderate	Mid-Flood	M	6.45	8:24	8.41	8.2	31.6	19.23	3.2	7	111	0.24	NW
CR1	20200228	Cloudy	Moderate	Mid-Flood	S	1	8:25	8.99	8.26	31.84	19.12	2.73	9	111	0.217	W
CR1	20200228	Cloudy	Moderate	Mid-Flood	S	1	8:25	9.37	8.04	31.71	19.21	3.11	9	112	0.249	W
CR2	20200228	Cloudy	Moderate	Mid-Flood	B	10.2	8:49	9.21	8.01	31.83	19.28	3.31	7	110	0.217	W
CR2	20200228	Cloudy	Moderate	Mid-Flood	B	10.2	8:49	8.9	8.25	31.99	19.47	3.31	7	110	0.234	W
CR2	20200228	Cloudy	Moderate	Mid-Flood	M	5.6	8:50	9.06	8.04	31.54	19.11	2.89	7	110	0.266	W
CR2	20200228	Cloudy	Moderate	Mid-Flood	M	5.6	8:50	9.3	8.18	31.86	19.2	3.14	6	112	0.234	W
CR2	20200228	Cloudy	Moderate	Mid-Flood	S	1	8:51	8.48	8.24	31.42	19.17	3.01	6	110	0.261	W
CR2	20200228	Cloudy	Moderate	Mid-Flood	S	1	8:51	9.15	8.15	31.65	19.4	3.03	7	111	0.249	NW
F1A	20200228	Cloudy	Moderate	Mid-Flood	B	7	10:28	8.77	8.1	31.53	19.59	3.71	6	110	0.216	W
F1A	20200228	Cloudy	Moderate	Mid-Flood	B	7	10:28	9.17	8.16	31.88	19.58	3.31	6	110	0.217	W
F1A	20200228	Cloudy	Moderate	Mid-Flood	M	4	10:29	8.92	8.14	31.82	19.64	3.09	6	111	0.214	NW
F1A	20200228	Cloudy	Moderate	Mid-Flood	M	4	10:29	8.94	8.14	31.72	19.37	2.88	6	112	0.231	W
F1A	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:30	9.38	8.1	31.99	19.47	2.7	5	111	0.265	NW
F1A	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:30	8.9	8.01	31.48	19.64	2.89	5	112	0.199	NW
H1	20200228	Cloudy	Moderate	Mid-Flood	B	7.1	10:46	8.4	8.08	31.77	19.6	3.19	9	112	0.211	W
H1	20200228	Cloudy	Moderate	Mid-Flood	B	7.1	10:46	8.88	8.07	31.93	19.59	3.65	8	110	0.27	W
H1	20200228	Cloudy	Moderate	Mid-Flood	M	4.05	10:47	8.85	8.17	31.46	19.6	3.28	8	112	0.255	W
H1	20200228	Cloudy	Moderate	Mid-Flood	M	4.05	10:47	8.39	8.24	31.88	19.53	3.14	9	111	0.269	NW
H1	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:48	8.98	8.03	31.85	19.61	2.92	8	112	0.239	W
H1	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:48	9.23	8.2	31.66	19.62	2.67	8	110	0.21	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	20200228	Cloudy	Moderate	Mid-Flood	B	7.5	10:08	8.38	8.04	31.75	19.32	3.47	8	110	0.242	W
M1	20200228	Cloudy	Moderate	Mid-Flood	B	7.5	10:08	8.77	8.22	31.98	19.3	3.33	8	112	0.268	W
M1	20200228	Cloudy	Moderate	Mid-Flood	M	4.25	10:09	9.26	8.14	31.82	19.59	2.82	8	111	0.217	W
M1	20200228	Cloudy	Moderate	Mid-Flood	M	4.25	10:09	9.15	8.03	31.66	19.5	3.34	10	112	0.276	W
M1	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:10	8.86	8.23	31.41	19.59	2.6	7	112	0.231	NW
M1	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:10	9.03	8.05	31.56	19.58	2.74	6	112	0.227	W
S1	20200228	Cloudy	Moderate	Mid-Flood	B	4.3	10:05	8.75	8.05	31.88	19.32	3.48	7	110	0.28	W
S1	20200228	Cloudy	Moderate	Mid-Flood	B	4.3	10:05	9.2	8.27	31.71	19.42	3.32	6	111	0.213	NW
S1	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:06	8.65	8.07	31.62	19.34	2.87	5	113	0.273	W
S1	20200228	Cloudy	Moderate	Mid-Flood	S	1	10:06	9.11	8.21	31.76	19.54	2.81	5	111	0.222	NW
S2A	20200228	Cloudy	Moderate	Mid-Flood	B	8.2	11:11	9.24	8.11	31.72	19.56	3.51	6	111	0.204	W
S2A	20200228	Cloudy	Moderate	Mid-Flood	B	8.2	11:11	8.89	8.25	31.94	19.58	3.37	7	110	0.201	W
S2A	20200228	Cloudy	Moderate	Mid-Flood	M	4.6	11:12	9.26	8.05	31.93	19.52	3.1	5	110	0.239	W
S2A	20200228	Cloudy	Moderate	Mid-Flood	M	4.6	11:12	8.87	8.02	31.74	19.42	3.24	5	109	0.229	W
S2A	20200228	Cloudy	Moderate	Mid-Flood	S	1	11:13	8.74	8.2	31.47	19.57	2.71	4	112	0.234	NW
S2A	20200228	Cloudy	Moderate	Mid-Flood	S	1	11:13	8.48	8.07	31.89	19.66	2.85	4	111	0.242	W
S3	20200228	Cloudy	Moderate	Mid-Flood	B	9.3	8:52	9.12	8.04	31.66	19.48	3.56	9	111	0.188	W
S3	20200228	Cloudy	Moderate	Mid-Flood	B	9.3	8:52	9.09	8.02	31.78	19.24	3.37	8	110	0.19	W
S3	20200228	Cloudy	Moderate	Mid-Flood	M	5.15	8:53	9.06	8.28	31.99	19.45	3.07	7	110	0.196	W
S3	20200228	Cloudy	Moderate	Mid-Flood	M	5.15	8:53	8.44	8.19	31.99	19.37	2.96	7	110	0.258	NW
S3	20200228	Cloudy	Moderate	Mid-Flood	S	1	8:54	8.5	8.09	31.78	19.35	3.11	5	112	0.196	W
S3	20200228	Cloudy	Moderate	Mid-Flood	S	1	8:54	8.42	8.06	31.55	19.49	3.16	6	111	0.234	W
B1	20200228	Cloudy	Moderate	Mid-Ebb	B	4	13:44	8.8	8.11	31.57	20.75	3.43	7	112	0.198	E
B1	20200228	Cloudy	Moderate	Mid-Ebb	B	4	13:44	8.71	8.13	31.86	20.68	3.15	7	112	0.202	SE
B1	20200228	Cloudy	Moderate	Mid-Ebb	S	1	13:45	8.56	8.19	31.78	20.46	2.61	7	112	0.22	SE
B1	20200228	Cloudy	Moderate	Mid-Ebb	S	1	13:45	8.38	8.02	31.69	20.45	2.89	8	111	0.196	E
B2	20200228	Cloudy	Moderate	Mid-Ebb	B	4	13:25	9.04	8.03	31.66	20.63	3.59	7	113	0.189	SE
B2	20200228	Cloudy	Moderate	Mid-Ebb	B	4	13:25	8.87	8.23	31.85	20.41	3.45	8	112	0.209	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
B2	20200228	Cloudy	Moderate	Mid-Ebb	S	1	13:26	8.48	8.25	31.42	20.51	2.6	5	110	0.201	SE
B2	20200228	Cloudy	Moderate	Mid-Ebb	S	1	13:26	9.3	8.26	31.57	20.52	2.75	6	112	0.217	SE
B3	20200228	Cloudy	Moderate	Mid-Ebb	B	4.5	14:13	9.29	8.11	31.64	20.55	3.77	6	112	0.223	SE
B3	20200228	Cloudy	Moderate	Mid-Ebb	B	4.5	14:13	9.06	8.01	31.57	20.72	3.58	6	112	0.228	SE
B3	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:14	8.4	7.99	31.61	20.68	2.77	4	112	0.237	E
B3	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:14	8.6	8.19	31.84	20.63	2.96	5	112	0.197	E
B4	20200228	Cloudy	Moderate	Mid-Ebb	B	3.4	14:21	8.82	8.2	31.48	20.61	3.81	5	113	0.194	SE
B4	20200228	Cloudy	Moderate	Mid-Ebb	B	3.4	14:21	9.34	8.25	31.3	20.71	3.27	5	112	0.22	E
B4	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:22	8.8	8.26	31.3	20.53	2.97	4	113	0.201	SE
B4	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:22	9.17	8.18	31.5	20.63	2.63	5	112	0.228	E
C1A	20200228	Cloudy	Moderate	Mid-Ebb	B	9.1	13:24	8.75	8.05	31.86	20.5	3.27	6	113	0.206	E
C1A	20200228	Cloudy	Moderate	Mid-Ebb	B	9.1	13:24	9.26	8.27	31.83	20.6	3.4	5	112	0.235	E
C1A	20200228	Cloudy	Moderate	Mid-Ebb	M	5.05	13:25	8.62	8.08	31.7	20.41	2.73	5	114	0.208	SE
C1A	20200228	Cloudy	Moderate	Mid-Ebb	M	5.05	13:25	8.71	8.1	31.47	20.47	2.74	6	111	0.243	SE
C1A	20200228	Cloudy	Moderate	Mid-Ebb	S	1	13:26	9.13	8.18	31.52	20.63	3.01	5	112	0.205	SE
C1A	20200228	Cloudy	Moderate	Mid-Ebb	S	1	13:26	8.82	8.21	31.55	20.4	2.97	5	113	0.189	SE
C2A	20200228	Cloudy	Moderate	Mid-Ebb	B	11.1	14:56	9.32	8.27	31.6	20.41	3.39	8	111	0.204	E
C2A	20200228	Cloudy	Moderate	Mid-Ebb	B	11.1	14:56	8.31	8.23	31.38	20.6	3.12	8	113	0.228	SE
C2A	20200228	Cloudy	Moderate	Mid-Ebb	M	6.05	14:57	8.78	8.12	31.65	20.49	2.92	6	113	0.252	SE
C2A	20200228	Cloudy	Moderate	Mid-Ebb	M	6.05	14:57	8.57	8.1	31.76	20.47	3.15	7	112	0.21	E
C2A	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:58	8.54	8.13	31.77	20.49	2.67	6	113	0.232	SE
C2A	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:58	8.9	8.04	31.31	20.41	2.98	6	112	0.207	E
CR1	20200228	Cloudy	Moderate	Mid-Ebb	B	11.9	14:34	9.34	8.08	31.66	20.54	3.44	5	113	0.205	E
CR1	20200228	Cloudy	Moderate	Mid-Ebb	B	11.9	14:34	9.24	8.04	31.83	20.42	3.29	5	113	0.227	E
CR1	20200228	Cloudy	Moderate	Mid-Ebb	M	6.45	14:35	8.76	8.12	31.3	20.71	2.96	5	112	0.188	E
CR1	20200228	Cloudy	Moderate	Mid-Ebb	M	6.45	14:35	8.6	8.03	31.52	20.55	2.71	4	112	0.196	SE
CR1	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:36	9.24	8.03	31.49	20.63	3.15	5	112	0.186	E
CR1	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:36	9.39	8	31.46	20.65	3.16	4	111	0.202	E

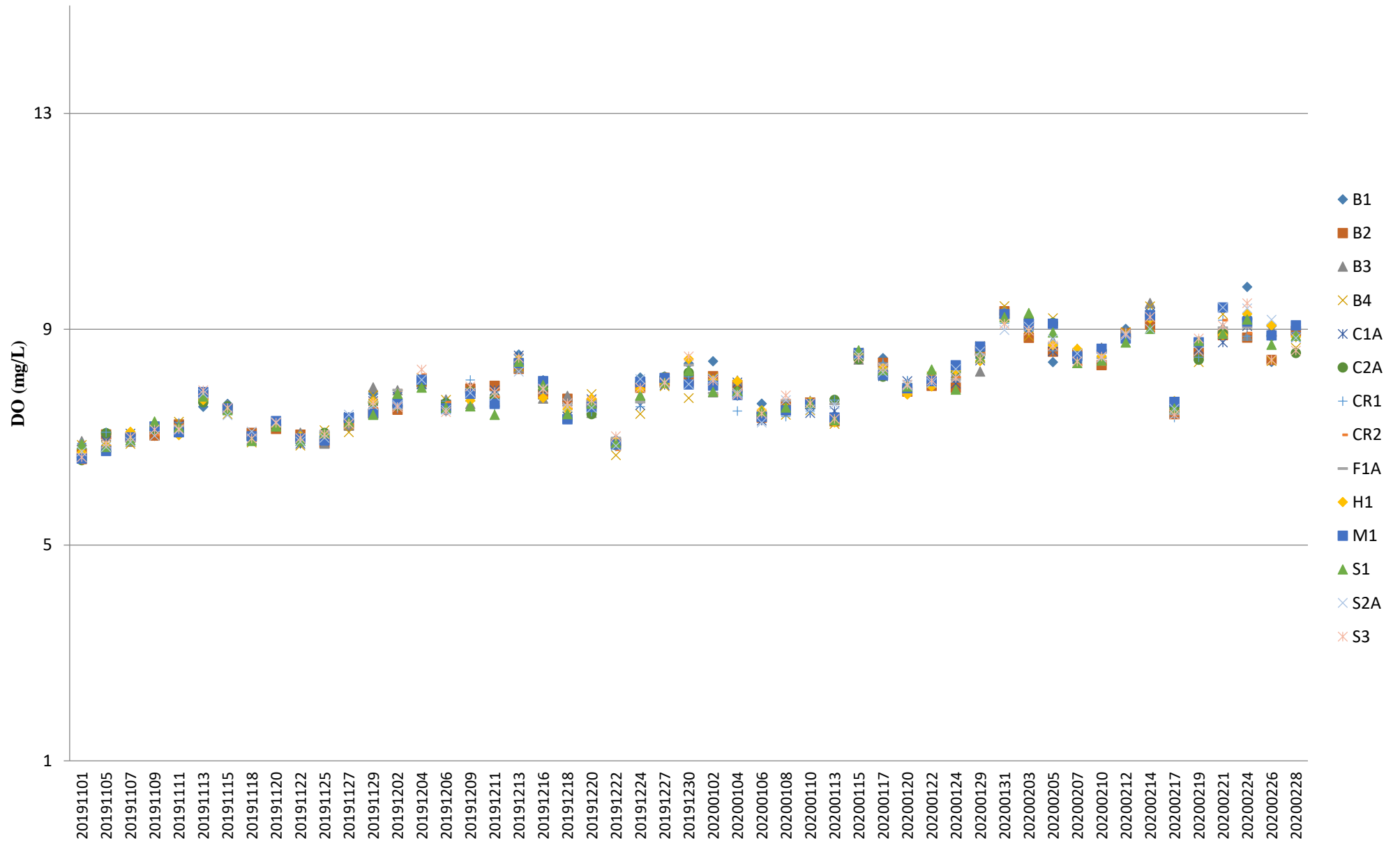
Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Impact Water Quality Monitoring Data

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	20200228	Cloudy	Moderate	Mid-Ebb	B	10	14:11	8.34	8.22	31.61	20.51	3.44	6	113	0.227	SE
CR2	20200228	Cloudy	Moderate	Mid-Ebb	B	10	14:11	8.23	8.2	31.37	20.48	3.62	6	112	0.208	SE
CR2	20200228	Cloudy	Moderate	Mid-Ebb	M	5.5	14:12	9.22	8.12	31.44	20.61	2.95	6	113	0.232	SE
CR2	20200228	Cloudy	Moderate	Mid-Ebb	M	5.5	14:12	8.54	8.14	31.88	20.58	2.61	6	112	0.237	SE
CR2	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:13	8.3	8.26	31.39	20.74	3.06	6	112	0.226	SE
CR2	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:13	8.47	8.17	31.88	20.7	3.05	6	112	0.228	SE
F1A	20200228	Cloudy	Moderate	Mid-Ebb	B	7.9	14:45	8.41	8.01	31.48	20.46	3.12	4	112	0.193	E
F1A	20200228	Cloudy	Moderate	Mid-Ebb	B	7.9	14:45	9.22	8.25	31.41	20.51	3.18	5	113	0.247	SE
F1A	20200228	Cloudy	Moderate	Mid-Ebb	M	4.45	14:46	8.34	8.14	31.67	20.59	3.06	6	111	0.214	SE
F1A	20200228	Cloudy	Moderate	Mid-Ebb	M	4.45	14:46	8.77	8.06	31.63	20.49	2.74	6	113	0.209	SE
F1A	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:47	9.25	8.21	31.3	20.6	3.1	6	113	0.209	SE
F1A	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:47	8.84	8.24	31.41	20.65	2.86	6	113	0.22	SE
H1	20200228	Cloudy	Moderate	Mid-Ebb	B	6.8	13:52	8.34	8.18	31.48	20.73	3.29	10	112	0.238	SE
H1	20200228	Cloudy	Moderate	Mid-Ebb	B	6.8	13:52	8.6	8.27	31.84	20.53	3.35	9	112	0.219	SE
H1	20200228	Cloudy	Moderate	Mid-Ebb	M	3.9	13:53	8.64	8.16	31.39	20.52	2.63	8	111	0.235	E
H1	20200228	Cloudy	Moderate	Mid-Ebb	M	3.9	13:53	9.05	8.06	31.77	20.5	3.1	9	113	0.239	SE
H1	20200228	Cloudy	Moderate	Mid-Ebb	S	1	13:54	8.65	8.17	31.65	20.64	3.04	5	111	0.189	SE
H1	20200228	Cloudy	Moderate	Mid-Ebb	S	1	13:54	9.39	8.24	31.36	20.71	2.92	5	112	0.195	E
M1	20200228	Cloudy	Moderate	Mid-Ebb	B	8.7	15:10	8.22	8.03	31.81	20.44	3.29	8	113	0.188	SE
M1	20200228	Cloudy	Moderate	Mid-Ebb	B	8.7	15:10	8.99	8.22	31.77	20.45	3.44	9	112	0.202	SE
M1	20200228	Cloudy	Moderate	Mid-Ebb	M	4.85	15:11	8.25	8.13	31.68	20.39	2.92	7	113	0.237	SE
M1	20200228	Cloudy	Moderate	Mid-Ebb	M	4.85	15:11	8.32	8.27	31.5	20.37	2.99	8	111	0.204	SE
M1	20200228	Cloudy	Moderate	Mid-Ebb	S	1	15:12	9.02	8.06	31.39	20.53	2.83	6	112	0.203	SE
M1	20200228	Cloudy	Moderate	Mid-Ebb	S	1	15:12	8.88	8.11	31.47	20.38	2.61	6	113	0.243	SE
S1	20200228	Cloudy	Moderate	Mid-Ebb	B	4.4	13:34	8.48	8.23	31.53	20.6	3.5	4	112	0.198	SE
S1	20200228	Cloudy	Moderate	Mid-Ebb	B	4.4	13:34	9.22	8.06	31.69	20.47	3.35	4	112	0.187	SE
S1	20200228	Cloudy	Moderate	Mid-Ebb	S	1	13:35	8.27	8.04	31.37	20.62	2.67	4	112	0.201	E
S1	20200228	Cloudy	Moderate	Mid-Ebb	S	1	13:35	9.05	8.02	31.46	20.52	2.64	4	113	0.191	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	20200228	Cloudy	Moderate	Mid-Ebb	B	8.3	13:59	8.23	8.26	31.41	20.6	3.25	5	113	0.221	SE
S2A	20200228	Cloudy	Moderate	Mid-Ebb	B	8.3	13:59	8.62	8.15	31.54	20.64	3.54	6	113	0.221	SE
S2A	20200228	Cloudy	Moderate	Mid-Ebb	M	4.65	14:00	8.81	8.18	31.78	20.53	2.7	5	112	0.244	SE
S2A	20200228	Cloudy	Moderate	Mid-Ebb	M	4.65	14:00	8.51	8.05	31.49	20.52	2.62	5	112	0.221	SE
S2A	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:01	8.77	8.06	31.86	20.5	2.89	4	112	0.236	E
S2A	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:01	8.82	8.14	31.69	20.74	2.6	5	111	0.229	E
S3	20200228	Cloudy	Moderate	Mid-Ebb	B	10.4	14:21	9.11	8.23	31.58	20.61	3.27	6	113	0.249	SE
S3	20200228	Cloudy	Moderate	Mid-Ebb	B	10.4	14:21	8.91	8.04	31.44	20.49	3.74	8	112	0.248	E
S3	20200228	Cloudy	Moderate	Mid-Ebb	M	5.7	14:22	8.94	8.02	31.78	20.51	2.71	7	111	0.204	SE
S3	20200228	Cloudy	Moderate	Mid-Ebb	M	5.7	14:22	9.09	8.13	31.81	20.61	2.6	7	113	0.21	E
S3	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:23	8.8	8.04	31.55	20.65	3.1	6	113	0.202	SE
S3	20200228	Cloudy	Moderate	Mid-Ebb	S	1	14:23	8.93	8.14	31.48	20.48	2.68	6	112	0.213	E
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.																

Dissolved Oxygen (Surface & Middle) during MID-FLOOD



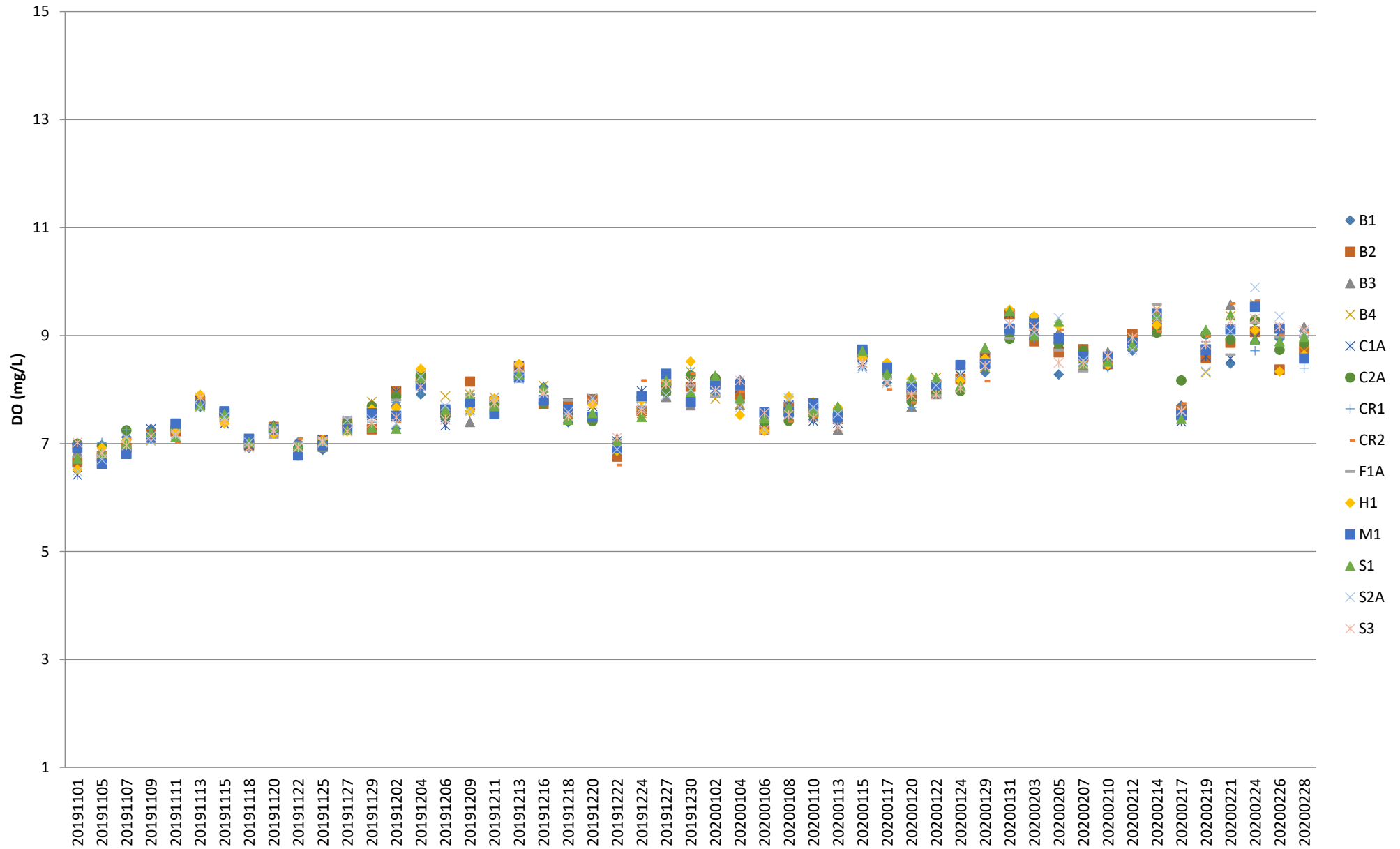
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM&A report.

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



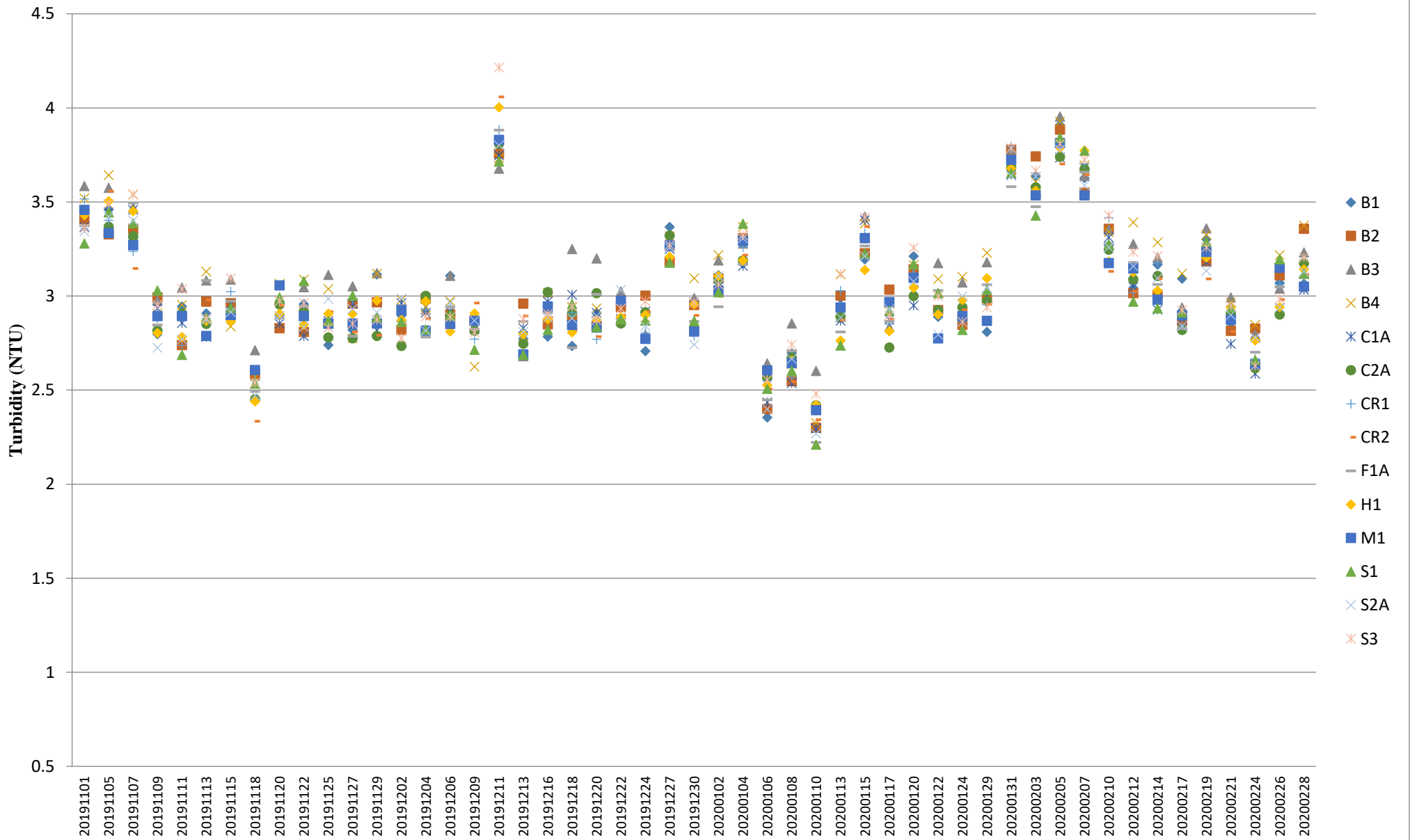
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-EBB



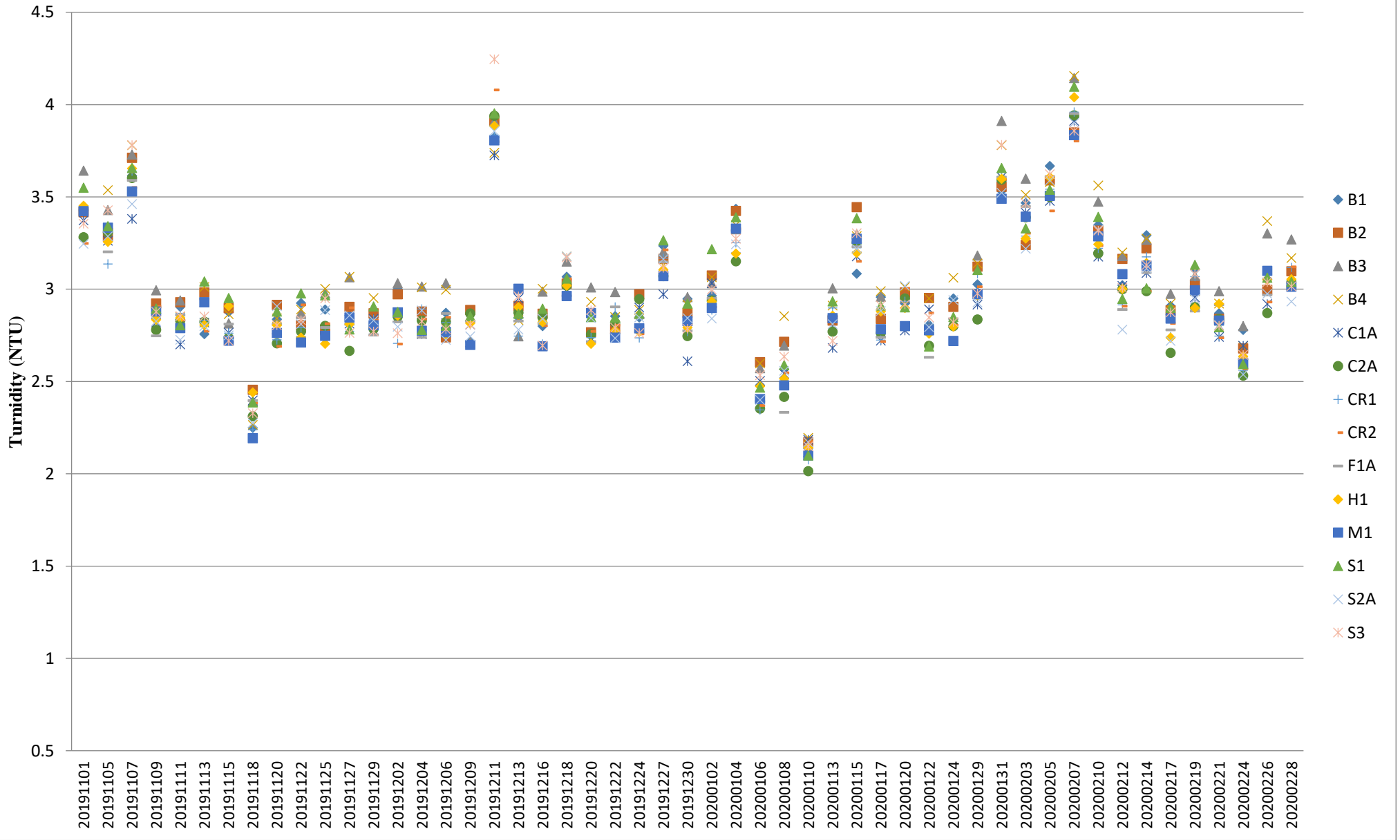
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM&A report.

Turbidity (Depth-averaged) during MID-FLOOD



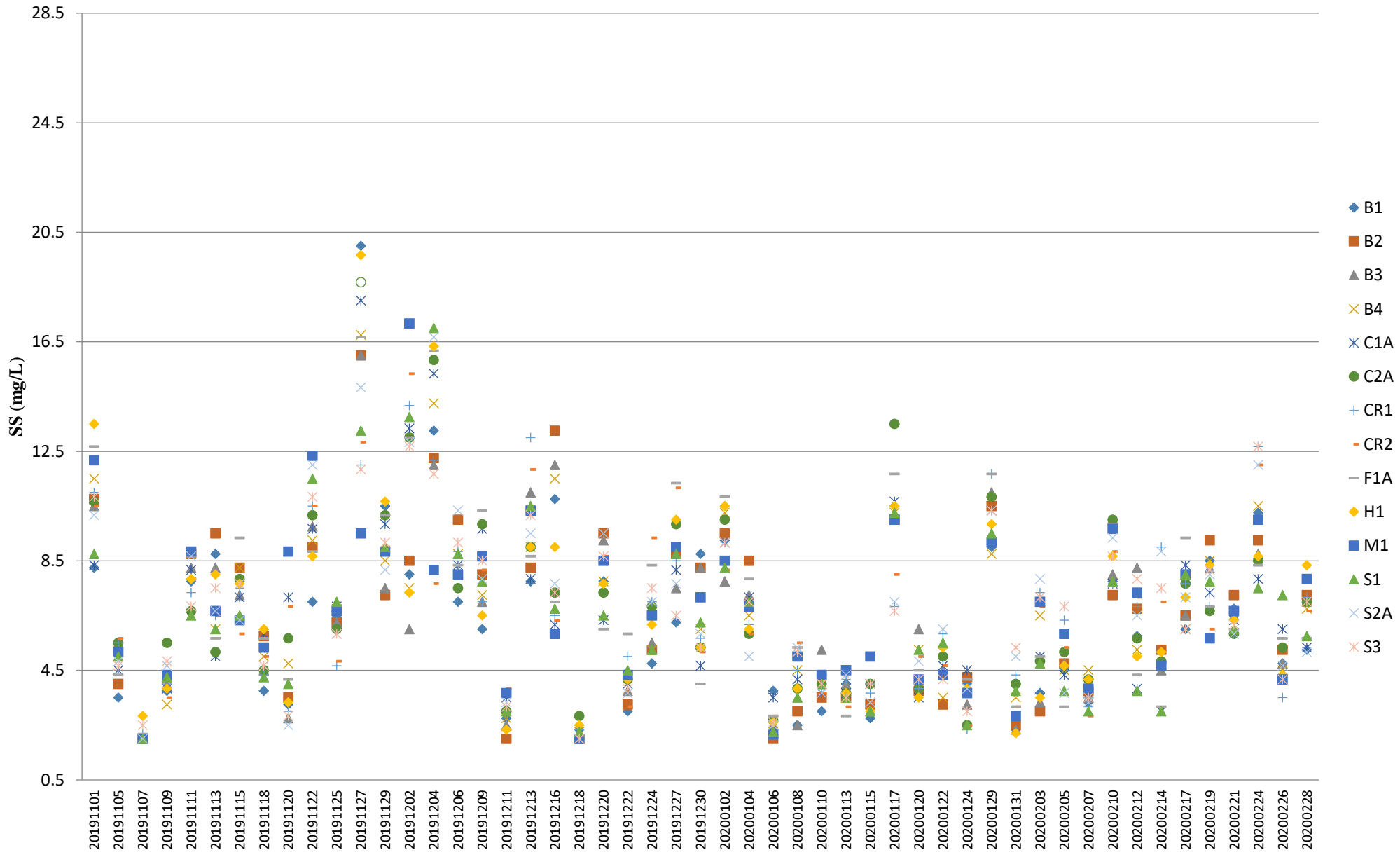
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM&A report.

Turbidity (Depth-averaged) during MID-EBB



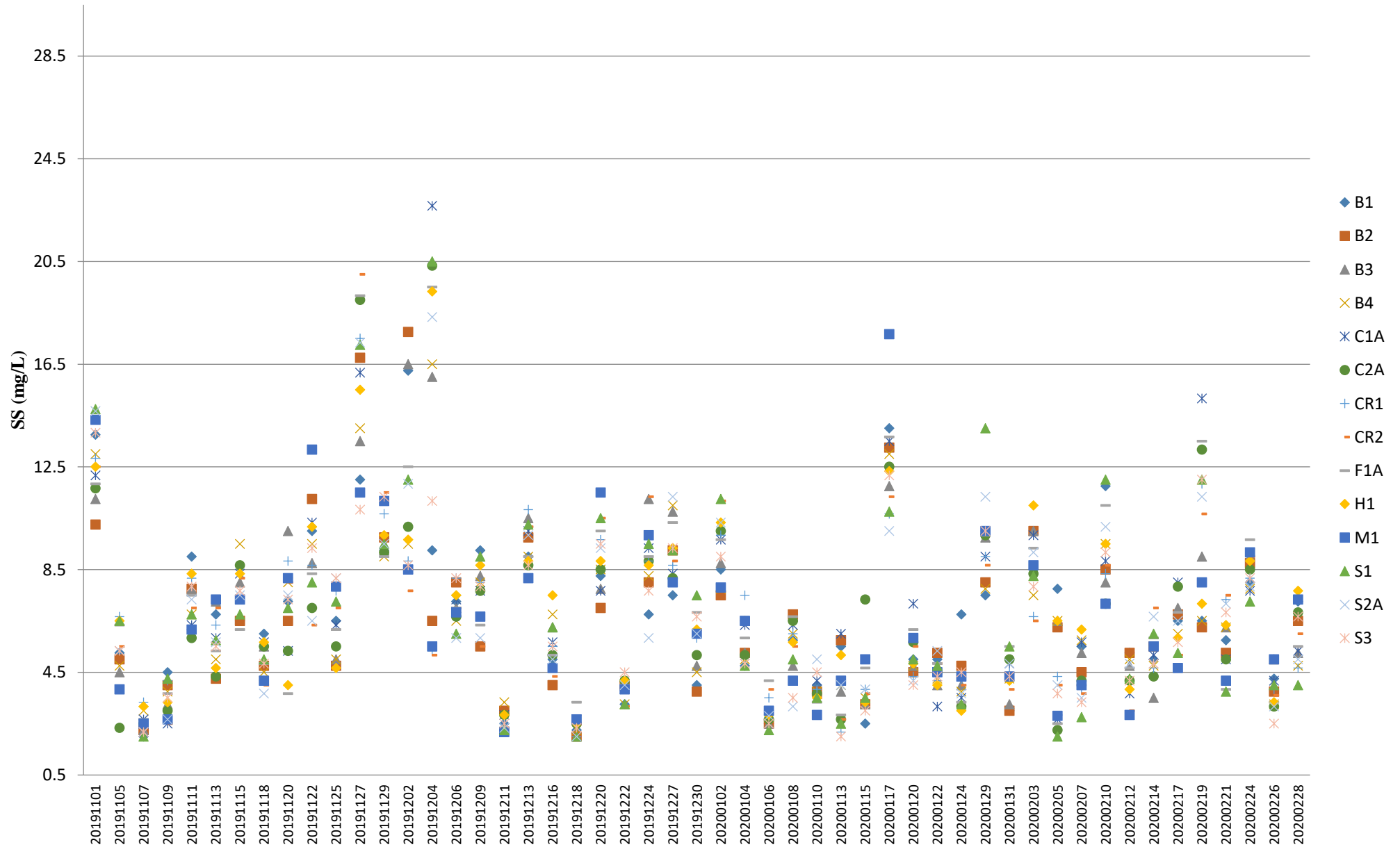
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-FLOOD



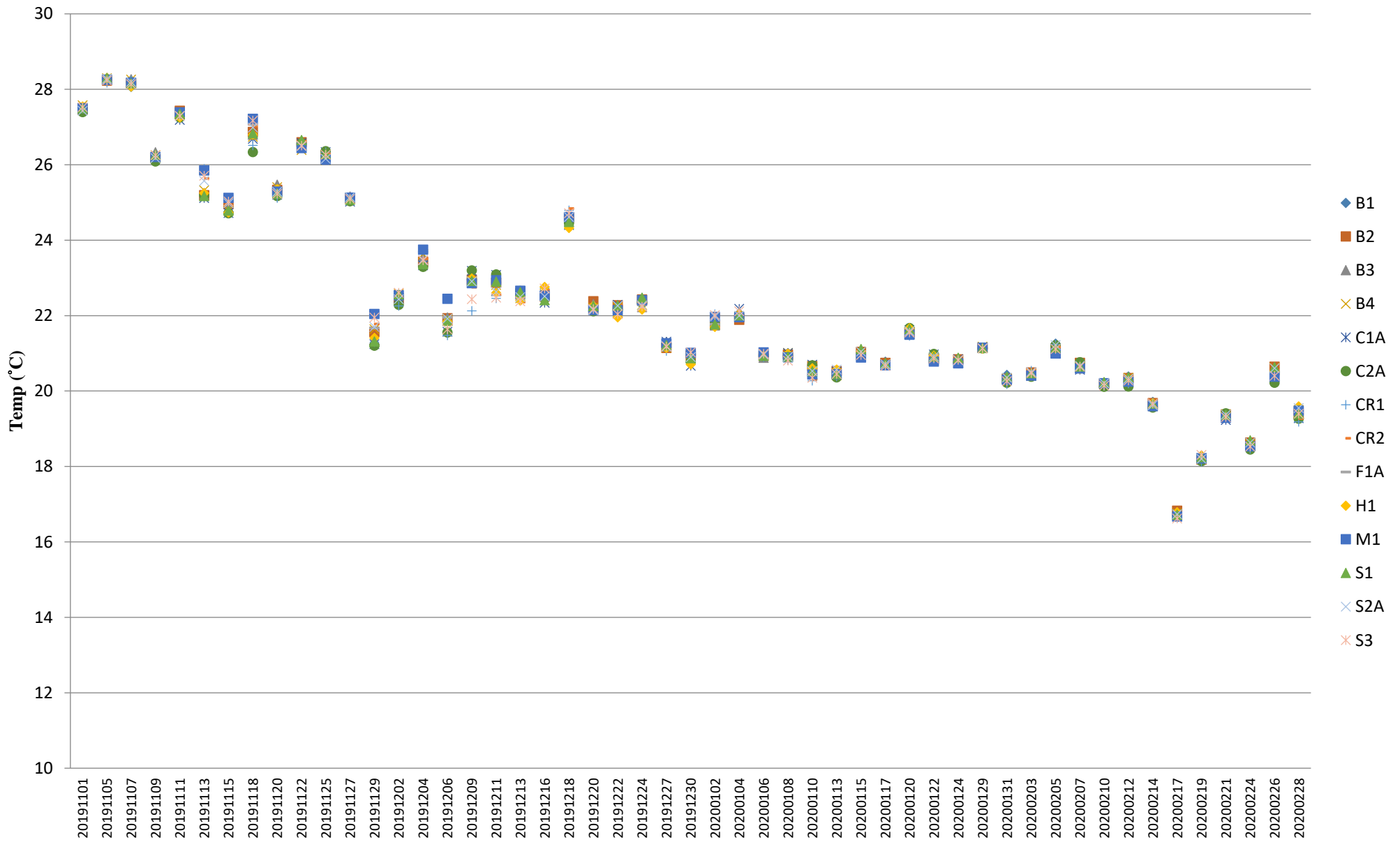
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-EBB



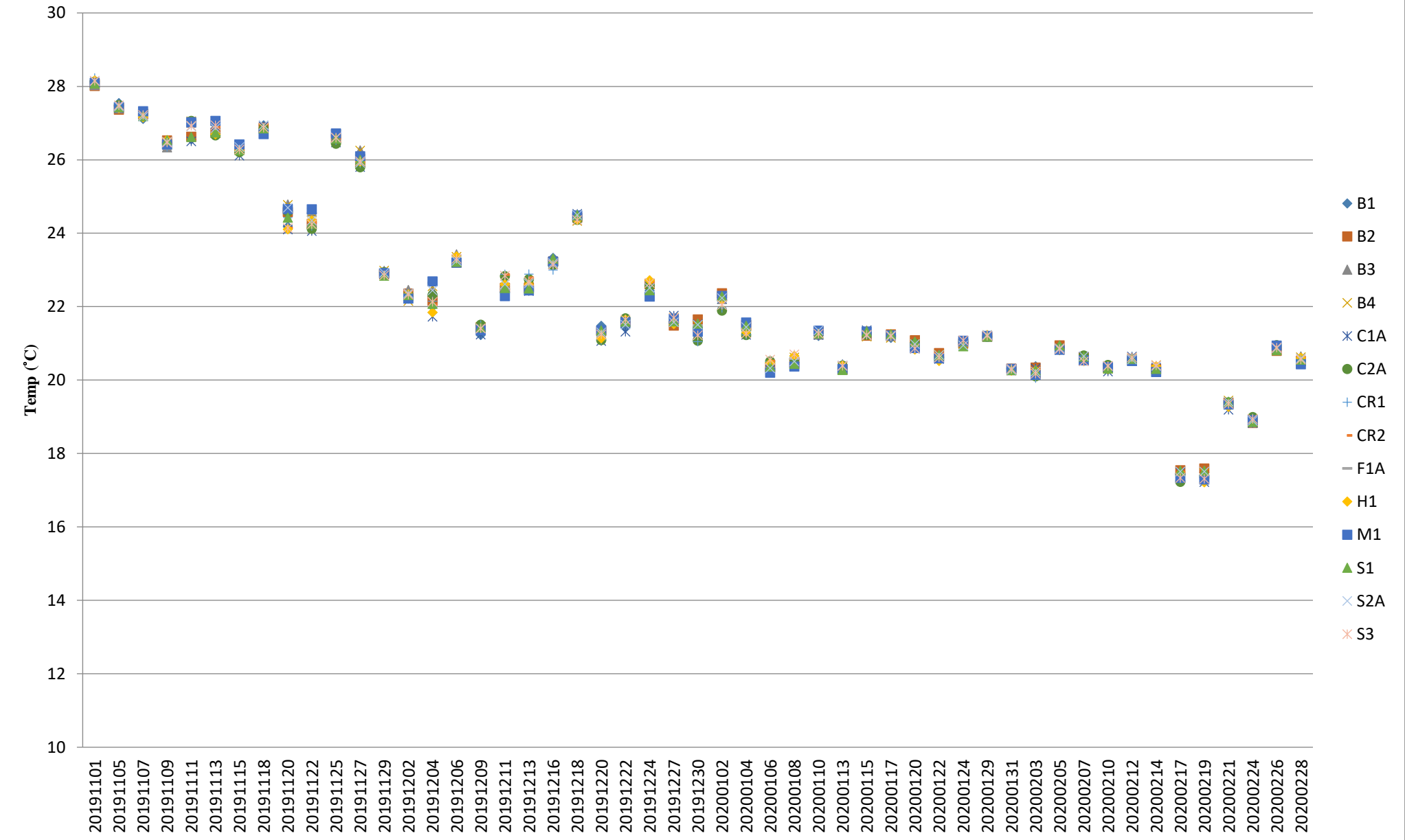
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM&A report.

Temperature (Depth-averaged) during MID-FLOOD



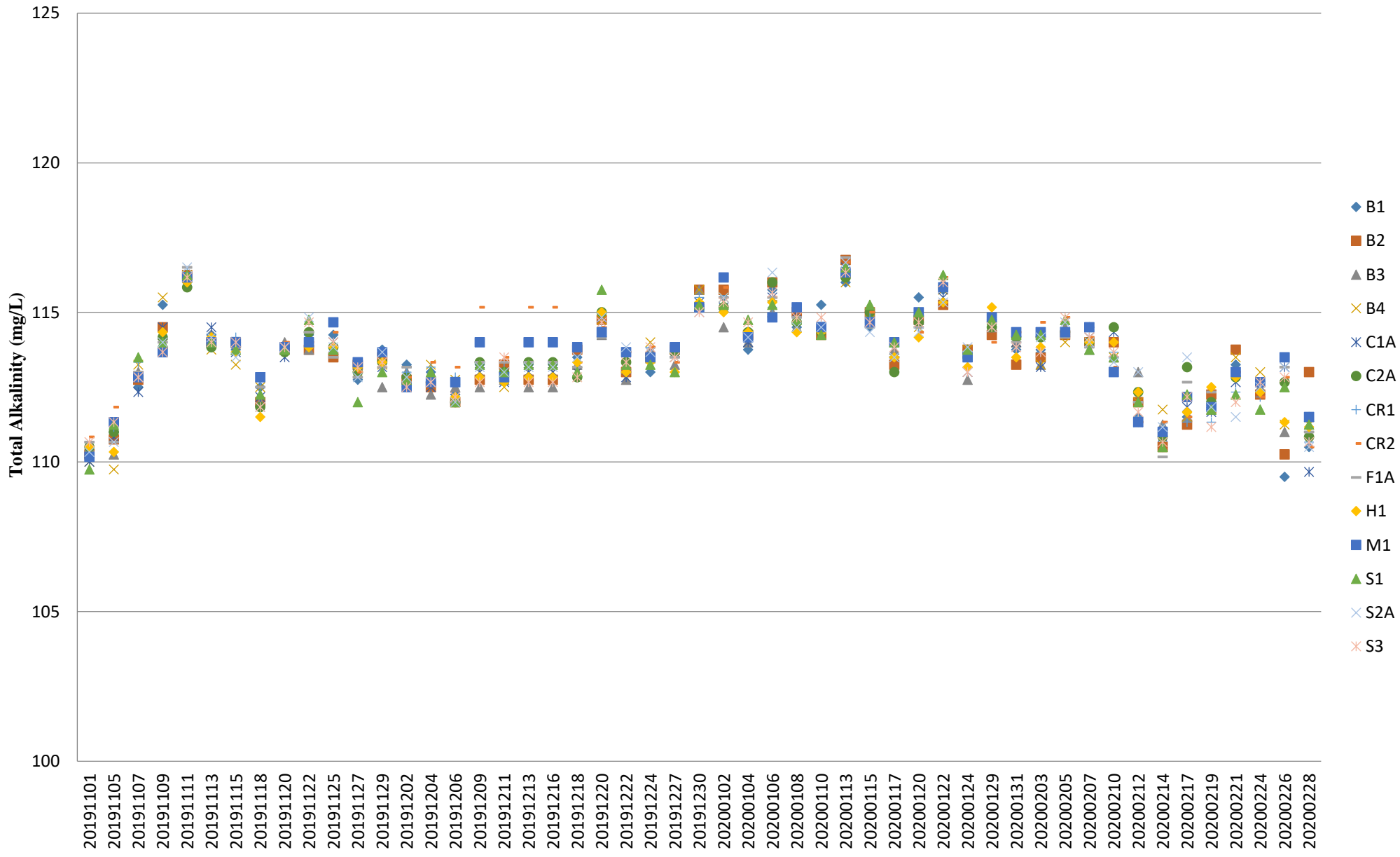
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM&A report.

Temperature (Depth-averaged) during MID-EBB



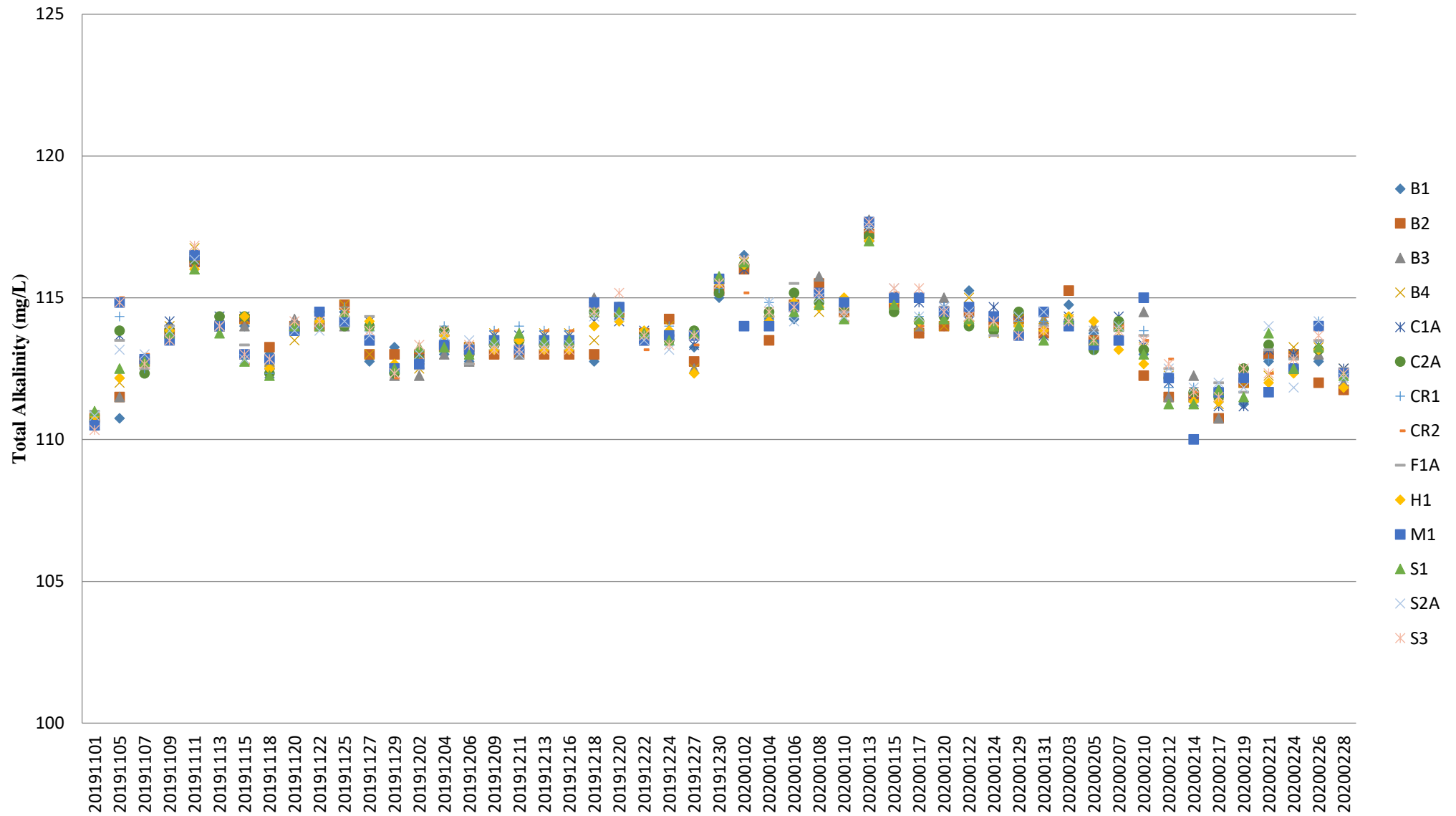
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM&A report.

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.