

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	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	20190902	Cloudy	Moderate	Mid-Ebb	B	10.7	14:19	5.75	8.07	26.45	27.71	6.51	6	105	0.28	SE
C2A	20190902	Cloudy	Moderate	Mid-Ebb	B	10.7	14:19	5.54	7.81	26.98	27.73	6.91	5	105	0.318	SE
C2A	20190902	Cloudy	Moderate	Mid-Ebb	M	5.85	14:20	5.85	7.99	26.65	27.66	6.68	7	104	0.293	SE
C2A	20190902	Cloudy	Moderate	Mid-Ebb	M	5.85	14:20	5.88	8.13	26.74	27.51	6.93	7	104	0.316	E
C2A	20190902	Cloudy	Moderate	Mid-Ebb	S	1	14:21	6.24	7.8	27.05	27.56	6.94	8	105	0.322	SE
C2A	20190902	Cloudy	Moderate	Mid-Ebb	S	1	14:21	6.96	7.94	27.1	27.74	7.18	8	105	0.325	SE
H1	20190902	Cloudy	Moderate	Mid-Ebb	B	7.9	14:30	6.26	7.99	26.42	27.73	6.9	8	106	0.294	SE
H1	20190902	Cloudy	Moderate	Mid-Ebb	B	7.9	14:30	6.16	8.13	27.01	27.53	6.48	9	106	0.318	E
H1	20190902	Cloudy	Moderate	Mid-Ebb	M	4.45	14:31	7.12	8.13	26.45	27.59	6.74	8	104	0.303	SE
H1	20190902	Cloudy	Moderate	Mid-Ebb	M	4.45	14:31	6.01	8.05	26.71	27.5	6.57	7	105	0.289	E
H1	20190902	Cloudy	Moderate	Mid-Ebb	S	1	14:32	6.05	7.89	26.27	27.64	6.82	7	105	0.313	SE
H1	20190902	Cloudy	Moderate	Mid-Ebb	S	1	14:32	7.24	8.04	27.12	27.6	7.05	8	105	0.314	SE
CR1	20190902	Cloudy	Moderate	Mid-Ebb	B	11.4	14:41	6.13	8	26.63	27.66	6.96	6	104	0.303	E
CR1	20190902	Cloudy	Moderate	Mid-Ebb	B	11.4	14:41	6.44	7.85	27.27	27.52	6.56	7	105	0.316	E
CR1	20190902	Cloudy	Moderate	Mid-Ebb	M	6.2	14:42	6.28	8.01	26.21	27.61	6.79	8	105	0.315	E
CR1	20190902	Cloudy	Moderate	Mid-Ebb	M	6.2	14:42	6.37	7.9	26.48	27.74	7.04	8	105	0.282	SE
CR1	20190902	Cloudy	Moderate	Mid-Ebb	S	1	14:43	6.29	7.86	27.14	27.7	7.13	9	105	0.314	SE
CR1	20190902	Cloudy	Moderate	Mid-Ebb	S	1	14:43	5.96	7.83	27.24	27.73	6.87	10	105	0.314	E
B3	20190902	Cloudy	Moderate	Mid-Ebb	B	3.5	14:58	6.02	7.81	26.52	27.71	6.67	7	105	0.319	E
B3	20190902	Cloudy	Moderate	Mid-Ebb	B	3.5	14:58	6.83	8.04	26.41	27.74	6.57	7	104	0.325	SE
B3	20190902	Cloudy	Moderate	Mid-Ebb	S	1	14:59	7.38	7.98	26.46	27.6	7.2	7	107	0.315	E
B3	20190902	Cloudy	Moderate	Mid-Ebb	S	1	14:59	6.31	8.06	26.21	27.65	6.92	6	105	0.293	SE
S3	20190902	Cloudy	Moderate	Mid-Ebb	B	10.1	15:07	6.63	8.02	26.96	27.54	6.59	9	105	0.286	SE
S3	20190902	Cloudy	Moderate	Mid-Ebb	B	10.1	15:07	6.98	8.1	27.25	27.7	6.85	9	104	0.28	SE
S3	20190902	Cloudy	Moderate	Mid-Ebb	M	5.55	15:08	6.45	8.13	27.2	27.55	6.82	9	104	0.318	SE
S3	20190902	Cloudy	Moderate	Mid-Ebb	M	5.55	15:08	6.2	7.88	26.65	27.7	6.59	8	104	0.311	SE
S3	20190902	Cloudy	Moderate	Mid-Ebb	S	1	15:09	6	7.86	26.89	27.64	6.79	13	105	0.287	SE
S3	20190902	Cloudy	Moderate	Mid-Ebb	S	1	15:09	5.97	7.94	26.6	27.61	7.15	13	104	0.318	SE
B4	20190902	Cloudy	Moderate	Mid-Ebb	B	3.3	15:21	5.34	8.03	27.01	27.62	6.53	9	105	0.317	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	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	20190902	Cloudy	Moderate	Mid-Ebb	B	3.3	15:21	6.12	7.84	27.12	27.72	6.59	8	105	0.288	E
B4	20190902	Cloudy	Moderate	Mid-Ebb	S	1	15:22	6.7	7.95	26.97	27.72	6.9	7	105	0.309	E
B4	20190902	Cloudy	Moderate	Mid-Ebb	S	1	15:22	6.67	7.86	27.2	27.6	6.85	8	104	0.307	SE
CR2	20190902	Cloudy	Moderate	Mid-Ebb	B	10.7	15:30	6.21	8	26.41	27.51	6.81	10	104	0.294	SE
CR2	20190902	Cloudy	Moderate	Mid-Ebb	B	10.7	15:30	6.09	8	26.32	27.63	6.83	11	105	0.303	SE
CR2	20190902	Cloudy	Moderate	Mid-Ebb	M	5.85	15:31	6.36	7.89	26.28	27.55	6.84	8	105	0.304	SE
CR2	20190902	Cloudy	Moderate	Mid-Ebb	M	5.85	15:31	6.46	7.98	26.31	27.7	6.62	9	104	0.305	E
CR2	20190902	Cloudy	Moderate	Mid-Ebb	S	1	15:32	7.18	8	26.8	27.56	7.07	8	104	0.306	E
CR2	20190902	Cloudy	Moderate	Mid-Ebb	S	1	15:32	7.28	8.08	26.41	27.52	7.26	8	106	0.321	E
B1	20190904	Cloudy	Moderate	Mid-Ebb	B	3.5	9:48	6.77	7.9	26.03	26.84	2.6	9	104	0.246	SE
B1	20190904	Cloudy	Moderate	Mid-Ebb	B	3.5	9:48	5.89	8.18	25.67	26.86	2.52	8	104	0.198	E
B1	20190904	Cloudy	Moderate	Mid-Ebb	S	1	9:49	6.48	8.2	26.3	27.08	2.91	8	104	0.143	S
B1	20190904	Cloudy	Moderate	Mid-Ebb	S	1	9:49	6.83	7.98	25.67	27.07	3.09	9	104	0.092	SE
B2	20190904	Cloudy	Moderate	Mid-Ebb	B	4.5	10:07	6.62	8.08	26.11	27.09	2.66	9	104	0.095	S
B2	20190904	Cloudy	Moderate	Mid-Ebb	B	4.5	10:07	6.57	8.07	25.77	27.04	2.45	10	104	0.151	E
B2	20190904	Cloudy	Moderate	Mid-Ebb	S	1	10:08	6.84	8.01	25.92	27.02	2.82	9	104	0.139	SE
B2	20190904	Cloudy	Moderate	Mid-Ebb	S	1	10:08	6.23	8.16	25.82	26.97	2.79	10	104	0.203	S
B3	20190904	Cloudy	Moderate	Mid-Ebb	B	3.5	9:15	6.77	7.9	25.76	26.95	2.8	11	104	0.089	SE
B3	20190904	Cloudy	Moderate	Mid-Ebb	B	3.5	9:15	6.25	8.02	25.96	27	2.53	12	104	0.134	SE
B3	20190904	Cloudy	Moderate	Mid-Ebb	S	1	9:16	6.22	7.99	25.27	27.08	2.93	10	104	0.217	SE
B3	20190904	Cloudy	Moderate	Mid-Ebb	S	1	9:16	6.81	8.12	25.92	26.98	2.8	9	104	0.21	S
B4	20190904	Cloudy	Moderate	Mid-Ebb	B	3.6	9:28	6.41	8.21	25.4	27	2.66	9	104	0.2	S
B4	20190904	Cloudy	Moderate	Mid-Ebb	B	3.6	9:28	6.27	8.09	25.71	26.85	2.73	10	104	0.076	SE
B4	20190904	Cloudy	Moderate	Mid-Ebb	S	1	9:29	6.46	7.97	26.33	27.1	3.14	10	104	0.153	S
B4	20190904	Cloudy	Moderate	Mid-Ebb	S	1	9:29	6.88	8.08	25.33	27.11	2.84	11	104	0.194	S
C1A	20190904	Cloudy	Moderate	Mid-Ebb	B	10.1	9:22	6.76	7.93	25.97	26.9	2.47	6	104	0.179	E
C1A	20190904	Cloudy	Moderate	Mid-Ebb	B	10.1	9:22	5.83	8.02	26.24	26.95	2.51	7	104	0.107	SE
C1A	20190904	Cloudy	Moderate	Mid-Ebb	M	5.55	9:23	6.54	7.91	25.44	26.83	2.56	6	104	0.108	S
C1A	20190904	Cloudy	Moderate	Mid-Ebb	M	5.55	9:23	5.93	7.94	25.77	26.92	2.64	7	104	0.225	S

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C1A	20190904	Cloudy	Moderate	Mid-Ebb	S	1	9:24	6.43	8.17	25.93	26.8	2.76	7	104	0.156	SE
C1A	20190904	Cloudy	Moderate	Mid-Ebb	S	1	9:24	6.52	8.21	26.02	26.97	2.99	7	104	0.217	SE
C2A	20190904	Cloudy	Moderate	Mid-Ebb	B	11.1	8:31	6.62	8.06	26.06	26.83	2.7	9	104	0.104	E
C2A	20190904	Cloudy	Moderate	Mid-Ebb	B	11.1	8:31	5.98	8.09	25.83	27.02	2.76	10	104	0.179	E
C2A	20190904	Cloudy	Moderate	Mid-Ebb	M	6.05	8:32	6.02	8.11	25.21	26.9	3.06	9	104	0.178	E
C2A	20190904	Cloudy	Moderate	Mid-Ebb	M	6.05	8:32	6.45	8.01	26.38	26.92	2.9	8	104	0.172	E
C2A	20190904	Cloudy	Moderate	Mid-Ebb	S	1	8:33	6.73	7.91	25.86	27.1	2.8	8	104	0.147	SE
C2A	20190904	Cloudy	Moderate	Mid-Ebb	S	1	8:33	6.73	8.18	26.2	26.93	2.76	7	104	0.125	S
CR1	20190904	Cloudy	Moderate	Mid-Ebb	B	11.5	10:58	6.32	7.97	25.4	26.97	2.53	12	104	0.165	SE
CR1	20190904	Cloudy	Moderate	Mid-Ebb	B	11.5	10:58	5.98	7.98	25.77	27.01	2.9	11	104	0.158	S
CR1	20190904	Cloudy	Moderate	Mid-Ebb	M	6.25	10:59	6.78	8.21	26.18	27.09	2.59	8	104	0.237	SE
CR1	20190904	Cloudy	Moderate	Mid-Ebb	M	6.25	10:59	5.93	7.93	25.56	26.8	2.63	7	104	0.103	S
CR1	20190904	Cloudy	Moderate	Mid-Ebb	S	1	11:00	6.51	8.22	26.39	26.89	3.24	7	104	0.246	SE
CR1	20190904	Cloudy	Moderate	Mid-Ebb	S	1	11:00	6.52	7.96	25.77	27.06	3.05	7	104	0.101	SE
CR2	20190904	Cloudy	Moderate	Mid-Ebb	B	11.1	10:36	5.83	7.96	26.26	27.05	2.62	10	103	0.116	S
CR2	20190904	Cloudy	Moderate	Mid-Ebb	B	11.1	10:36	6.4	8.08	25.59	27.1	2.84	9	104	0.183	SE
CR2	20190904	Cloudy	Moderate	Mid-Ebb	M	6.05	10:37	5.83	8.16	25.81	27.07	3.1	12	104	0.106	E
CR2	20190904	Cloudy	Moderate	Mid-Ebb	M	6.05	10:37	6.31	7.93	26.03	27.07	2.98	11	104	0.1	S
CR2	20190904	Cloudy	Moderate	Mid-Ebb	S	1	10:38	6.1	7.94	25.21	26.86	2.68	11	104	0.176	S
CR2	20190904	Cloudy	Moderate	Mid-Ebb	S	1	10:38	5.96	7.94	25.76	27.1	3.17	12	104	0.162	E
F1A	20190904	Cloudy	Moderate	Mid-Ebb	B	7.1	10:03	6.44	7.92	26.18	26.89	2.71	8	104	0.157	SE
F1A	20190904	Cloudy	Moderate	Mid-Ebb	B	7.1	10:03	5.93	8.01	26.08	27.08	2.63	9	104	0.212	S
F1A	20190904	Cloudy	Moderate	Mid-Ebb	M	4.05	10:04	6.46	7.94	25.46	27.08	2.59	10	104	0.229	SE
F1A	20190904	Cloudy	Moderate	Mid-Ebb	M	4.05	10:04	6.38	8.22	25.76	26.88	2.76	9	104	0.196	SE
F1A	20190904	Cloudy	Moderate	Mid-Ebb	S	1	10:05	6.65	8.21	25.57	26.87	2.79	8	104	0.196	E
F1A	20190904	Cloudy	Moderate	Mid-Ebb	S	1	10:05	6.4	8.1	25.57	27.09	3.16	9	103	0.192	E
H1	20190904	Cloudy	Moderate	Mid-Ebb	B	8	8:53	6.04	8.02	25.38	26.82	2.76	9	103	0.229	E
H1	20190904	Cloudy	Moderate	Mid-Ebb	B	8	8:53	6.92	8.24	25.95	26.88	2.61	8	104	0.207	S
H1	20190904	Cloudy	Moderate	Mid-Ebb	M	4.5	8:54	6.57	8	25.75	26.99	3.01	8	104	0.148	SE

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H1	20190904	Cloudy	Moderate	Mid-Ebb	M	4.5	8:54	6.01	7.97	26.17	27	3.13	8	104	0.117	S
H1	20190904	Cloudy	Moderate	Mid-Ebb	S	1	8:55	6.25	8.11	25.54	26.81	3.04	10	104	0.157	SE
H1	20190904	Cloudy	Moderate	Mid-Ebb	S	1	8:55	6.43	8.09	25.85	27.03	3.08	12	104	0.192	S
M1	20190904	Cloudy	Moderate	Mid-Ebb	B	8.6	10:38	6.46	8.06	26.32	26.89	3.02	7	104	0.163	S
M1	20190904	Cloudy	Moderate	Mid-Ebb	B	8.6	10:38	6.29	8	25.56	26.91	2.57	6	104	0.139	S
M1	20190904	Cloudy	Moderate	Mid-Ebb	M	4.8	10:39	6.29	8.04	26.09	26.96	2.86	8	104	0.218	S
M1	20190904	Cloudy	Moderate	Mid-Ebb	M	4.8	10:39	6.69	8.18	25.86	26.88	2.86	7	104	0.102	SE
M1	20190904	Cloudy	Moderate	Mid-Ebb	S	1	10:40	6.34	7.97	25.35	27	2.68	8	104	0.2	S
M1	20190904	Cloudy	Moderate	Mid-Ebb	S	1	10:40	6.71	8.24	25.72	27.09	3.14	9	104	0.13	E
S1	20190904	Cloudy	Moderate	Mid-Ebb	B	3.8	9:57	5.96	7.95	25.27	27.11	2.9	4	104	0.218	S
S1	20190904	Cloudy	Moderate	Mid-Ebb	B	3.8	9:57	6.15	8.21	26.34	27	2.8	5	102	0.101	SE
S1	20190904	Cloudy	Moderate	Mid-Ebb	S	1	9:58	6.11	7.93	25.73	26.98	2.87	6	103	0.16	E
S1	20190904	Cloudy	Moderate	Mid-Ebb	S	1	9:58	6.12	8.16	25.72	26.86	2.75	5	104	0.131	SE
S2A	20190904	Cloudy	Moderate	Mid-Ebb	B	8.6	10:21	6.55	8.07	25.69	27.1	2.67	6	104	0.11	S
S2A	20190904	Cloudy	Moderate	Mid-Ebb	B	8.6	10:21	6.08	7.9	26.02	27.03	2.57	5	104	0.215	SE
S2A	20190904	Cloudy	Moderate	Mid-Ebb	M	4.8	10:22	6.8	8.04	25.96	26.95	2.82	7	104	0.194	SE
S2A	20190904	Cloudy	Moderate	Mid-Ebb	M	4.8	10:22	6.75	7.97	25.57	27.06	2.86	6	104	0.174	S
S2A	20190904	Cloudy	Moderate	Mid-Ebb	S	1	10:23	6.6	7.96	25.23	27.02	2.91	4	103	0.179	E
S2A	20190904	Cloudy	Moderate	Mid-Ebb	S	1	10:23	6.68	8.15	26.04	27.1	2.68	5	104	0.211	SE
S3	20190904	Cloudy	Moderate	Mid-Ebb	B	9.2	10:45	6.01	8.03	26.06	27.1	2.47	6	104	0.202	SE
S3	20190904	Cloudy	Moderate	Mid-Ebb	B	9.2	10:45	6.12	8.1	26.22	26.82	2.77	6	104	0.167	S
S3	20190904	Cloudy	Moderate	Mid-Ebb	M	5.1	10:46	6.33	7.99	25.75	26.86	2.92	6	103	0.202	E
S3	20190904	Cloudy	Moderate	Mid-Ebb	M	5.1	10:46	6.83	8.2	25.78	26.95	2.92	7	103	0.166	S
S3	20190904	Cloudy	Moderate	Mid-Ebb	S	1	10:47	6.69	7.92	25.36	27.02	2.93	5	104	0.22	S
S3	20190904	Cloudy	Moderate	Mid-Ebb	S	1	10:47	6.57	7.94	26.17	27.06	3.02	4	104	0.188	SE
B1	20190904	Cloudy	Moderate	Mid-Flood	B	3.4	14:49	6.52	7.98	26.66	27.95	2.6	5	103	0.25	W
B1	20190904	Cloudy	Moderate	Mid-Flood	B	3.4	14:49	6.14	8.04	26.52	27.99	2.9	6	103	0.209	SW
B1	20190904	Cloudy	Moderate	Mid-Flood	S	1	14:50	5.8	7.77	26.64	27.99	2.87	6	106	0.14	W
B1	20190904	Cloudy	Moderate	Mid-Flood	S	1	14:50	6.08	8.03	26.06	28.01	2.86	7	104	0.253	W

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B2	20190904	Cloudy	Moderate	Mid-Flood	B	3.7	15:08	6.25	7.96	26.3	27.91	2.59	6	104	0.166	SW
B2	20190904	Cloudy	Moderate	Mid-Flood	B	3.7	15:08	5.86	7.77	27.2	27.88	2.7	5	104	0.167	W
B2	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:09	6.5	8.01	27.19	27.98	2.95	4	104	0.152	NW
B2	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:09	6.3	8.05	26.03	27.9	3.2	6	103	0.148	SW
B3	20190904	Cloudy	Moderate	Mid-Flood	B	4	15:21	6.11	7.86	26.93	27.89	2.57	9	104	0.205	SW
B3	20190904	Cloudy	Moderate	Mid-Flood	B	4	15:21	6.46	7.92	27.12	27.86	2.33	8	104	0.163	W
B3	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:22	6.28	8.03	26.85	27.82	3.11	4	104	0.233	W
B3	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:22	6.49	7.76	26.18	27.92	2.92	4	104	0.183	W
B4	20190904	Cloudy	Moderate	Mid-Flood	B	3.7	15:31	5.91	7.77	26.75	27.92	2.9	5	104	0.267	W
B4	20190904	Cloudy	Moderate	Mid-Flood	B	3.7	15:31	6.1	7.77	26.63	27.94	2.85	6	104	0.292	SW
B4	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:32	6.15	7.84	26.29	27.86	3.04	7	103	0.202	SW
B4	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:32	6	8.09	26.75	27.94	3.02	6	103	0.153	SW
C1A	20190904	Cloudy	Moderate	Mid-Flood	B	8.9	14:23	6.61	8.04	26.65	28.04	2.41	6	104	0.248	NW
C1A	20190904	Cloudy	Moderate	Mid-Flood	B	8.9	14:23	5.8	8.13	25.86	27.99	2.91	5	104	0.228	SW
C1A	20190904	Cloudy	Moderate	Mid-Flood	M	4.95	14:24	5.83	8.14	25.97	27.91	2.56	5	103	0.172	SW
C1A	20190904	Cloudy	Moderate	Mid-Flood	M	4.95	14:24	6.53	7.94	26.59	27.95	2.73	4	104	0.141	W
C1A	20190904	Cloudy	Moderate	Mid-Flood	S	1	14:25	5.93	7.78	26.84	27.99	3.13	4	104	0.256	NW
C1A	20190904	Cloudy	Moderate	Mid-Flood	S	1	14:25	6.25	7.83	26.28	28.01	2.76	5	104	0.15	SW
C2A	20190904	Cloudy	Moderate	Mid-Flood	B	10.1	14:40	6.49	7.88	26.13	27.95	2.86	6	103	0.141	W
C2A	20190904	Cloudy	Moderate	Mid-Flood	B	10.1	14:40	6.48	8.02	26.65	27.95	2.57	7	105	0.129	W
C2A	20190904	Cloudy	Moderate	Mid-Flood	M	5.55	14:41	5.84	7.75	25.97	28.01	3	6	105	0.223	W
C2A	20190904	Cloudy	Moderate	Mid-Flood	M	5.55	14:41	6.59	8.14	25.73	27.99	2.55	6	104	0.172	SW
C2A	20190904	Cloudy	Moderate	Mid-Flood	S	1	14:42	6.54	8.07	26.53	27.96	2.9	7	104	0.188	W
C2A	20190904	Cloudy	Moderate	Mid-Flood	S	1	14:42	6.48	7.84	27.03	27.95	2.71	6	104	0.127	W
CR1	20190904	Cloudy	Moderate	Mid-Flood	B	11.5	15:59	6.18	7.81	27.15	27.84	2.82	13	104	0.278	SW
CR1	20190904	Cloudy	Moderate	Mid-Flood	B	11.5	15:59	5.94	7.9	25.73	27.73	2.65	12	104	0.28	NW
CR1	20190904	Cloudy	Moderate	Mid-Flood	M	6.25	16:00	5.97	7.81	26.3	27.72	3.05	11	104	0.273	W
CR1	20190904	Cloudy	Moderate	Mid-Flood	M	6.25	16:00	6.57	7.83	26.77	27.8	3.1	11	104	0.231	W
CR1	20190904	Cloudy	Moderate	Mid-Flood	S	1	16:01	6	7.82	26.45	27.77	2.99	10	104	0.134	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	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	20190904	Cloudy	Moderate	Mid-Flood	S	1	16:01	6.11	7.81	26.53	27.76	2.95	11	104	0.138	SW
CR2	20190904	Cloudy	Moderate	Mid-Flood	B	9.8	15:35	6.23	8.11	26.08	27.85	2.83	9	104	0.124	W
CR2	20190904	Cloudy	Moderate	Mid-Flood	B	9.8	15:35	6.59	7.96	25.8	27.94	2.82	8	104	0.178	SW
CR2	20190904	Cloudy	Moderate	Mid-Flood	M	5.4	15:36	6.55	8.13	26.21	27.89	2.98	8	104	0.251	W
CR2	20190904	Cloudy	Moderate	Mid-Flood	M	5.4	15:36	6.21	8.02	26.75	27.91	2.92	9	104	0.283	W
CR2	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:37	6.13	7.94	26.53	27.95	3.02	12	104	0.235	NW
CR2	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:37	6.61	7.76	26.37	27.92	2.87	13	104	0.246	W
F1A	20190904	Cloudy	Moderate	Mid-Flood	B	7.2	16:02	5.85	8.1	26.96	27.8	2.87	7	105	0.291	W
F1A	20190904	Cloudy	Moderate	Mid-Flood	B	7.2	16:02	6.03	7.93	26.68	27.81	2.69	7	104	0.152	W
F1A	20190904	Cloudy	Moderate	Mid-Flood	M	4.1	16:03	6.35	7.76	26.64	27.8	3.08	7	105	0.202	W
F1A	20190904	Cloudy	Moderate	Mid-Flood	M	4.1	16:03	6.61	8.06	26.76	27.77	2.62	6	103	0.251	W
F1A	20190904	Cloudy	Moderate	Mid-Flood	S	1	16:04	6.39	7.97	27.07	27.78	3.14	6	104	0.246	SW
F1A	20190904	Cloudy	Moderate	Mid-Flood	S	1	16:04	6.53	8.02	26.85	27.85	3.15	7	105	0.149	SW
H1	20190904	Cloudy	Moderate	Mid-Flood	B	7.4	15:04	5.88	8.13	26.52	27.92	2.69	4	104	0.282	W
H1	20190904	Cloudy	Moderate	Mid-Flood	B	7.4	15:04	5.9	7.94	25.79	27.84	2.39	5	104	0.255	SW
H1	20190904	Cloudy	Moderate	Mid-Flood	M	4.2	15:05	6.68	7.76	25.73	27.85	2.54	7	104	0.128	W
H1	20190904	Cloudy	Moderate	Mid-Flood	M	4.2	15:05	5.86	7.97	26.41	27.98	2.64	7	104	0.289	W
H1	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:06	5.97	8.06	26.89	27.9	3.08	6	103	0.289	W
H1	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:06	6.36	7.82	26.7	27.92	2.87	7	104	0.174	W
M1	20190904	Cloudy	Moderate	Mid-Flood	B	7.3	16:32	6.6	7.81	26.68	27.77	2.63	9	104	0.177	W
M1	20190904	Cloudy	Moderate	Mid-Flood	B	7.3	16:32	6.08	7.77	26.34	27.85	2.48	9	103	0.282	W
M1	20190904	Cloudy	Moderate	Mid-Flood	M	4.15	16:33	6.5	7.92	26.92	27.75	3.12	9	104	0.163	SW
M1	20190904	Cloudy	Moderate	Mid-Flood	M	4.15	16:33	6.66	8.03	26.76	27.82	2.68	10	104	0.218	SW
M1	20190904	Cloudy	Moderate	Mid-Flood	S	1	16:34	5.96	7.8	26.69	27.79	3.05	9	104	0.274	W
M1	20190904	Cloudy	Moderate	Mid-Flood	S	1	16:34	6.41	8.12	26.51	27.84	3.08	8	104	0.254	W
S1	20190904	Cloudy	Moderate	Mid-Flood	B	4.7	14:58	6.52	8.03	26.14	27.95	2.39	7	104	0.18	SW
S1	20190904	Cloudy	Moderate	Mid-Flood	B	4.7	14:58	5.97	7.75	26.47	27.93	2.51	6	104	0.279	W
S1	20190904	Cloudy	Moderate	Mid-Flood	S	1	14:59	6.56	7.9	26.86	27.92	3.03	6	103	0.192	W
S1	20190904	Cloudy	Moderate	Mid-Flood	S	1	14:59	6.69	8.07	26.15	28.01	2.91	5	104	0.124	SW

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	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	20190904	Cloudy	Moderate	Mid-Flood	B	8.7	15:22	6.54	8.02	26.27	27.91	2.54	6	105	0.135	NW
S2A	20190904	Cloudy	Moderate	Mid-Flood	B	8.7	15:22	5.8	7.84	25.79	27.93	2.33	5	104	0.166	SW
S2A	20190904	Cloudy	Moderate	Mid-Flood	M	4.85	15:23	6.23	7.99	26.54	27.94	3	7	104	0.264	SW
S2A	20190904	Cloudy	Moderate	Mid-Flood	M	4.85	15:23	6.28	8.12	25.89	27.82	3.04	6	105	0.264	W
S2A	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:24	6.33	7.86	26.82	27.92	2.69	7	104	0.184	W
S2A	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:24	6.69	7.78	26.37	27.87	2.84	6	104	0.287	NW
S3	20190904	Cloudy	Moderate	Mid-Flood	B	8	15:46	6.2	7.75	26.72	27.84	2.49	8	105	0.253	NW
S3	20190904	Cloudy	Moderate	Mid-Flood	B	8	15:46	6.27	8.09	26.44	27.87	2.79	9	105	0.201	SW
S3	20190904	Cloudy	Moderate	Mid-Flood	M	4.5	15:47	6.42	8.01	26.64	27.94	2.56	8	104	0.23	W
S3	20190904	Cloudy	Moderate	Mid-Flood	M	4.5	15:47	6.29	7.86	26.72	27.92	2.9	9	105	0.284	W
S3	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:48	6.69	7.83	26.58	27.9	2.7	11	104	0.288	SW
S3	20190904	Cloudy	Moderate	Mid-Flood	S	1	15:48	6.4	7.96	26.99	27.87	3.04	10	104	0.286	W
B1	20190906	Cloudy	Moderate	Mid-Flood	B	4.4	11:59	7.48	8.03	26.47	29.32	3.04	9	105	0.19	W
B1	20190906	Cloudy	Moderate	Mid-Flood	B	4.4	11:59	7.66	7.75	25.76	29.33	3.21	9	105	0.289	W
B1	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:00	6.89	7.92	26.03	29.21	3.48	8	106	0.164	W
B1	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:00	7.45	7.69	26.61	29.36	3.58	9	105	0.233	SW
B2	20190906	Cloudy	Moderate	Mid-Flood	B	3.7	12:19	7.56	7.79	25.98	29.53	3.01	7	104	0.197	W
B2	20190906	Cloudy	Moderate	Mid-Flood	B	3.7	12:19	7	7.81	25.53	29.27	3.11	7	105	0.179	W
B2	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:20	7.07	7.9	25.43	29.23	3.42	12	106	0.198	SW
B2	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:20	7.29	7.91	25.47	29.66	3.47	11	105	0.177	SW
B3	20190906	Cloudy	Moderate	Mid-Flood	B	4.2	11:29	7.04	7.86	26.13	29.67	2.91	14	104	0.183	NW
B3	20190906	Cloudy	Moderate	Mid-Flood	B	4.2	11:29	7.16	8.12	25.48	29.61	2.84	13	105	0.228	SW
B3	20190906	Cloudy	Moderate	Mid-Flood	S	1	11:30	7.08	8.1	25.78	29.24	3.27	12	105	0.231	W
B3	20190906	Cloudy	Moderate	Mid-Flood	S	1	11:30	7.07	8.09	26.51	29.19	3.57	10	105	0.122	SW
B4	20190906	Cloudy	Moderate	Mid-Flood	B	4.4	11:42	7.16	8.01	26.47	29.24	3.41	8	105	0.287	W
B4	20190906	Cloudy	Moderate	Mid-Flood	B	4.4	11:42	6.61	7.93	26.35	29.45	3.26	8	105	0.186	W
B4	20190906	Cloudy	Moderate	Mid-Flood	S	1	11:43	6.44	8.1	25.85	29.28	3.44	10	105	0.229	W
B4	20190906	Cloudy	Moderate	Mid-Flood	S	1	11:43	6.42	7.96	26.63	29.16	3.54	10	105	0.165	SW
C1A	20190906	Cloudy	Moderate	Mid-Flood	B	9.5	11:34	7.39	7.91	26.65	29.55	2.95	13	105	0.25	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	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	20190906	Cloudy	Moderate	Mid-Flood	B	9.5	11:34	7.17	7.73	25.94	29.11	3.15	14	105	0.209	W
C1A	20190906	Cloudy	Moderate	Mid-Flood	M	5.25	11:35	7.37	8.1	25.43	29.29	3.04	12	105	0.179	NW
C1A	20190906	Cloudy	Moderate	Mid-Flood	M	5.25	11:35	7.19	7.79	26.11	29.13	3.21	12	105	0.172	W
C1A	20190906	Cloudy	Moderate	Mid-Flood	S	1	11:36	6.83	7.9	26.39	29.24	3.26	9	105	0.244	W
C1A	20190906	Cloudy	Moderate	Mid-Flood	S	1	11:36	7.5	7.92	26.58	29.28	3.6	8	104	0.174	NW
C2A	20190906	Cloudy	Moderate	Mid-Flood	B	10.5	10:53	6.89	7.88	25.61	29.13	3.09	9	104	0.29	SW
C2A	20190906	Cloudy	Moderate	Mid-Flood	B	10.5	10:53	7.03	8.08	26.2	29.27	3.13	9	105	0.165	SW
C2A	20190906	Cloudy	Moderate	Mid-Flood	M	5.75	10:54	7.06	7.98	26.66	29.21	3.34	7	105	0.174	SW
C2A	20190906	Cloudy	Moderate	Mid-Flood	M	5.75	10:54	6.49	8.05	26.03	29.4	3.5	8	105	0.236	W
C2A	20190906	Cloudy	Moderate	Mid-Flood	S	1	10:55	6.44	7.8	25.81	29.07	3.58	5	105	0.243	W
C2A	20190906	Cloudy	Moderate	Mid-Flood	S	1	10:55	6.84	7.78	25.69	29.12	3.26	6	105	0.194	W
CR1	20190906	Cloudy	Moderate	Mid-Flood	B	12	13:19	7.2	7.68	26.63	29.45	2.82	10	105	0.181	W
CR1	20190906	Cloudy	Moderate	Mid-Flood	B	12	13:19	7.48	7.97	26.24	29.61	3.02	11	105	0.286	SW
CR1	20190906	Cloudy	Moderate	Mid-Flood	M	6.5	13:20	7.53	7.76	25.62	29.2	3.21	9	105	0.185	W
CR1	20190906	Cloudy	Moderate	Mid-Flood	M	6.5	13:20	7.28	7.98	25.58	29.58	3.24	9	106	0.129	W
CR1	20190906	Cloudy	Moderate	Mid-Flood	S	1	13:21	6.84	7.66	26.29	29.41	3.46	9	104	0.283	W
CR1	20190906	Cloudy	Moderate	Mid-Flood	S	1	13:21	6.86	7.66	25.99	29.55	3.22	9	105	0.154	SW
CR2	20190906	Cloudy	Moderate	Mid-Flood	B	10.6	12:52	7.35	7.93	25.34	29.53	3.2	12	105	0.249	SW
CR2	20190906	Cloudy	Moderate	Mid-Flood	B	10.6	12:52	6.92	7.93	25.51	29.23	3.34	12	105	0.205	W
CR2	20190906	Cloudy	Moderate	Mid-Flood	M	5.8	12:53	6.93	8.12	26.48	29.16	3.05	14	105	0.197	W
CR2	20190906	Cloudy	Moderate	Mid-Flood	M	5.8	12:53	7.51	7.72	25.51	29.38	3.05	14	105	0.17	W
CR2	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:54	6.83	7.82	25.78	29.28	3.63	14	106	0.203	NW
CR2	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:54	6.91	7.56	26.02	29.19	3.53	14	106	0.181	W
F1A	20190906	Cloudy	Moderate	Mid-Flood	B	7.5	12:11	7.26	7.75	25.92	29.41	3.36	8	105	0.231	NW
F1A	20190906	Cloudy	Moderate	Mid-Flood	B	7.5	12:11	7.21	8.08	25.96	29.75	3.32	10	106	0.129	SW
F1A	20190906	Cloudy	Moderate	Mid-Flood	M	4.25	12:12	6.98	7.81	25.66	29.78	3.39	8	105	0.142	NW
F1A	20190906	Cloudy	Moderate	Mid-Flood	M	4.25	12:12	7.29	7.94	26.53	29.19	3.63	9	106	0.129	W
F1A	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:13	6.99	7.86	25.7	29.73	3.59	8	105	0.274	W
F1A	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:13	7.06	7.77	26.01	29.46	3.58	8	106	0.139	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	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	20190906	Cloudy	Moderate	Mid-Flood	B	7.5	11:13	6.53	7.76	25.79	29.01	2.86	11	104	0.187	W
H1	20190906	Cloudy	Moderate	Mid-Flood	B	7.5	11:13	6.46	7.8	25.94	29.44	3.39	11	105	0.177	NW
H1	20190906	Cloudy	Moderate	Mid-Flood	M	4.25	11:14	6.51	7.95	25.65	29.1	3.46	8	105	0.246	W
H1	20190906	Cloudy	Moderate	Mid-Flood	M	4.25	11:14	6.81	7.96	25.78	29.26	3.33	8	105	0.256	W
H1	20190906	Cloudy	Moderate	Mid-Flood	S	1	11:15	7.27	8.04	25.47	29.39	3.19	8	106	0.191	W
H1	20190906	Cloudy	Moderate	Mid-Flood	S	1	11:15	6.6	8.07	25.68	29.07	3.71	9	104	0.138	W
M1	20190906	Cloudy	Moderate	Mid-Flood	B	7.5	12:47	6.46	7.99	26.28	29.58	2.95	7	106	0.138	NW
M1	20190906	Cloudy	Moderate	Mid-Flood	B	7.5	12:47	7.14	7.76	25.5	29.75	3.35	6	104	0.146	W
M1	20190906	Cloudy	Moderate	Mid-Flood	M	4.25	12:48	6.5	7.85	26.54	29.2	3.61	8	106	0.272	W
M1	20190906	Cloudy	Moderate	Mid-Flood	M	4.25	12:48	6.51	8.05	26.29	29.43	3.15	7	105	0.231	SW
M1	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:49	7.08	8.11	26.51	29.7	3.62	13	105	0.14	NW
M1	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:49	6.49	7.87	25.45	29.6	3.52	14	105	0.187	NW
S1	20190906	Cloudy	Moderate	Mid-Flood	B	4.4	12:10	6.92	7.88	26.63	29.36	2.93	11	105	0.261	NW
S1	20190906	Cloudy	Moderate	Mid-Flood	B	4.4	12:10	6.94	7.62	25.62	29.66	3.37	11	106	0.221	W
S1	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:11	7.19	7.68	26.2	29.27	3.49	10	106	0.196	SW
S1	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:11	6.84	7.65	26.38	29.57	3.69	9	105	0.137	SW
S2A	20190906	Cloudy	Moderate	Mid-Flood	B	8.3	12:35	6.94	8.1	25.25	29.41	3.06	8	105	0.254	W
S2A	20190906	Cloudy	Moderate	Mid-Flood	B	8.3	12:35	7.43	7.59	26.16	29.16	2.89	8	105	0.254	W
S2A	20190906	Cloudy	Moderate	Mid-Flood	M	4.65	12:36	7.04	8.03	25.95	29.65	3.06	10	105	0.139	SW
S2A	20190906	Cloudy	Moderate	Mid-Flood	M	4.65	12:36	7.69	7.76	26.15	29.16	3.08	11	105	0.236	NW
S2A	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:37	7.66	7.71	25.35	29.25	3.46	13	106	0.147	W
S2A	20190906	Cloudy	Moderate	Mid-Flood	S	1	12:37	6.93	7.87	26.42	29.39	3.3	12	105	0.127	W
S3	20190906	Cloudy	Moderate	Mid-Flood	B	8.5	13:03	6.84	8.14	25.88	29.4	3.04	14	105	0.254	W
S3	20190906	Cloudy	Moderate	Mid-Flood	B	8.5	13:03	7.57	8.08	25.24	29.4	2.87	15	105	0.271	W
S3	20190906	Cloudy	Moderate	Mid-Flood	M	4.75	13:04	6.81	7.79	26.6	29.26	3.27	10	105	0.184	NW
S3	20190906	Cloudy	Moderate	Mid-Flood	M	4.75	13:04	6.87	7.59	25.98	29.65	3.31	11	105	0.125	W
S3	20190906	Cloudy	Moderate	Mid-Flood	S	1	13:05	7.68	7.95	26.64	29.22	3.6	9	105	0.275	W
S3	20190906	Cloudy	Moderate	Mid-Flood	S	1	13:05	7.28	7.98	26.17	29.42	3.28	8	104	0.202	W
B1	20190906	Cloudy	Moderate	Mid-Ebb	B	3.7	17:00	7.11	8.06	26.02	29	3.13	5	105	0.231	S

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	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	20190906	Cloudy	Moderate	Mid-Ebb	B	3.7	17:00	7.29	7.95	26.47	29.24	3.33	6	105	0.182	E
B1	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:01	7.04	7.99	25.93	29.04	3.35	9	105	0.122	S
B1	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:01	7.33	8.11	26.31	29.21	3.22	8	106	0.11	SE
B2	20190906	Cloudy	Moderate	Mid-Ebb	B	4	17:20	7.06	8.23	26.43	28.99	3.12	11	105	0.096	S
B2	20190906	Cloudy	Moderate	Mid-Ebb	B	4	17:20	7.16	8.15	26.33	28.75	3.01	11	106	0.097	E
B2	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:21	6.91	7.93	26.08	28.97	3.35	7	106	0.224	SE
B2	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:21	7.15	7.87	26.2	29.02	3.59	6	105	0.164	SE
B3	20190906	Cloudy	Moderate	Mid-Ebb	B	3.7	17:19	6.87	7.93	26.42	29.11	2.98	6	105	0.179	SE
B3	20190906	Cloudy	Moderate	Mid-Ebb	B	3.7	17:19	6.9	7.86	26.45	28.96	3.32	6	105	0.166	S
B3	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:20	6.74	7.98	26.22	29.06	3.55	7	106	0.19	SE
B3	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:20	6.57	8.01	26.5	29.17	3.46	7	106	0.244	SE
B4	20190906	Cloudy	Moderate	Mid-Ebb	B	3.6	17:30	6.8	8.13	26.25	28.95	3.43	8	106	0.118	SE
B4	20190906	Cloudy	Moderate	Mid-Ebb	B	3.6	17:30	6.78	8.05	26.38	29.02	3.23	8	105	0.227	S
B4	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:31	6.58	8.05	26.29	28.91	3.68	9	105	0.154	S
B4	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:31	6.63	8.13	26.43	28.81	3.66	9	105	0.08	SE
C1A	20190906	Cloudy	Moderate	Mid-Ebb	B	9.7	16:32	7.32	8.01	26.07	29.08	3.37	5	105	0.209	S
C1A	20190906	Cloudy	Moderate	Mid-Ebb	B	9.7	16:32	7.37	8.21	25.99	29.13	3.28	5	105	0.197	E
C1A	20190906	Cloudy	Moderate	Mid-Ebb	M	5.35	16:33	7.52	7.87	26.19	29.14	3.46	5	105	0.237	S
C1A	20190906	Cloudy	Moderate	Mid-Ebb	M	5.35	16:33	7.36	7.9	26.04	29.16	3.34	6	105	0.201	SE
C1A	20190906	Cloudy	Moderate	Mid-Ebb	S	1	16:34	6.87	8.05	26.09	28.96	3.33	6	105	0.236	SE
C1A	20190906	Cloudy	Moderate	Mid-Ebb	S	1	16:34	7.19	7.86	26.15	29.1	3.54	6	105	0.109	SE
C2A	20190906	Cloudy	Moderate	Mid-Ebb	B	10.3	16:38	6.69	8.05	26.29	29.06	2.94	4	106	0.183	S
C2A	20190906	Cloudy	Moderate	Mid-Ebb	B	10.3	16:38	6.56	8.12	26.28	29.06	3.14	5	105	0.172	S
C2A	20190906	Cloudy	Moderate	Mid-Ebb	M	5.65	16:39	6.83	7.83	26.24	29.17	3.26	5	105	0.211	S
C2A	20190906	Cloudy	Moderate	Mid-Ebb	M	5.65	16:39	6.89	8.05	26.3	29.19	3.04	6	106	0.092	SE
C2A	20190906	Cloudy	Moderate	Mid-Ebb	S	1	16:40	6.69	7.88	26.4	29.07	3.17	6	104	0.183	SE
C2A	20190906	Cloudy	Moderate	Mid-Ebb	S	1	16:40	6.61	7.94	26.41	29.28	3.56	6	105	0.184	S
CR1	20190906	Cloudy	Moderate	Mid-Ebb	B	11.8	18:20	7.22	8.08	25.99	28.75	3.03	7	105	0.181	S
CR1	20190906	Cloudy	Moderate	Mid-Ebb	B	11.8	18:20	7.13	8.1	26.43	28.61	3.3	6	105	0.169	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	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	20190906	Cloudy	Moderate	Mid-Ebb	M	6.4	18:21	7.42	7.87	26.33	28.62	3.54	6	105	0.232	S
CR1	20190906	Cloudy	Moderate	Mid-Ebb	M	6.4	18:21	7.33	8.07	26.22	28.98	3.2	6	105	0.156	SE
CR1	20190906	Cloudy	Moderate	Mid-Ebb	S	1	18:22	7.45	8.19	26.2	29.08	3.35	14	105	0.087	S
CR1	20190906	Cloudy	Moderate	Mid-Ebb	S	1	18:22	7.1	7.84	26.09	28.99	3.25	13	105	0.177	E
CR2	20190906	Cloudy	Moderate	Mid-Ebb	B	9.9	17:53	7.34	7.85	26.33	28.8	3.26	11	105	0.202	S
CR2	20190906	Cloudy	Moderate	Mid-Ebb	B	9.9	17:53	6.95	8.2	25.99	29.13	2.97	12	105	0.1	SE
CR2	20190906	Cloudy	Moderate	Mid-Ebb	M	5.45	17:54	7.48	8.24	26.12	28.93	3.54	10	105	0.215	SE
CR2	20190906	Cloudy	Moderate	Mid-Ebb	M	5.45	17:54	7.36	8.09	25.98	29.08	3.17	8	106	0.145	SE
CR2	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:55	7.19	8.06	26.06	28.79	3.24	6	105	0.081	S
CR2	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:55	7.52	7.91	26.03	28.97	3.26	7	105	0.195	S
F1A	20190906	Cloudy	Moderate	Mid-Ebb	B	7.6	18:01	6.95	8.08	26.51	28.78	3.32	8	106	0.201	S
F1A	20190906	Cloudy	Moderate	Mid-Ebb	B	7.6	18:01	6.55	8.09	26.21	28.81	3.03	7	105	0.101	SE
F1A	20190906	Cloudy	Moderate	Mid-Ebb	M	4.3	18:02	6.62	7.9	26.43	28.76	3.55	8	106	0.102	S
F1A	20190906	Cloudy	Moderate	Mid-Ebb	M	4.3	18:02	6.75	8.02	26.46	28.87	3.53	7	105	0.194	E
F1A	20190906	Cloudy	Moderate	Mid-Ebb	S	1	18:03	6.51	8.13	26.22	28.86	3.61	7	105	0.208	SE
F1A	20190906	Cloudy	Moderate	Mid-Ebb	S	1	18:03	6.77	8.1	26.42	29.12	3.48	8	105	0.094	S
H1	20190906	Cloudy	Moderate	Mid-Ebb	B	7.2	16:57	6.8	7.99	26.23	29.2	2.93	8	105	0.225	E
H1	20190906	Cloudy	Moderate	Mid-Ebb	B	7.2	16:57	6.52	8.14	26.27	29.26	3.13	8	105	0.213	SE
H1	20190906	Cloudy	Moderate	Mid-Ebb	M	4.1	16:58	6.54	7.93	26.44	29.2	3.42	6	105	0.087	E
H1	20190906	Cloudy	Moderate	Mid-Ebb	M	4.1	16:58	6.54	8.01	26.35	29.15	3.43	7	105	0.087	SE
H1	20190906	Cloudy	Moderate	Mid-Ebb	S	1	16:59	6.63	8	26.26	29.08	3.73	6	105	0.081	E
H1	20190906	Cloudy	Moderate	Mid-Ebb	S	1	16:59	6.99	7.98	26.4	28.95	3.3	5	105	0.215	SE
M1	20190906	Cloudy	Moderate	Mid-Ebb	B	7.9	18:30	6.53	8.14	26.39	28.89	3.3	9	105	0.112	E
M1	20190906	Cloudy	Moderate	Mid-Ebb	B	7.9	18:30	6.66	8.09	26.41	28.74	3.46	10	105	0.217	SE
M1	20190906	Cloudy	Moderate	Mid-Ebb	M	4.45	18:31	6.73	7.81	26.44	29.14	3.2	10	105	0.103	S
M1	20190906	Cloudy	Moderate	Mid-Ebb	M	4.45	18:31	6.95	7.9	26.36	28.9	3.06	11	105	0.118	E
M1	20190906	Cloudy	Moderate	Mid-Ebb	S	1	18:32	6.88	8	26.38	29	3.42	10	105	0.193	E
M1	20190906	Cloudy	Moderate	Mid-Ebb	S	1	18:32	6.54	7.9	26.47	28.9	3.53	11	106	0.163	S
S1	20190906	Cloudy	Moderate	Mid-Ebb	B	4	17:09	7.24	7.88	26.41	29.09	3.3	6	105	0.172	S

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	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	20190906	Cloudy	Moderate	Mid-Ebb	B	4	17:09	7.23	7.83	26.07	29.2	2.98	7	105	0.113	SE
S1	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:10	7.45	8.19	26.27	29.2	3.76	8	105	0.191	S
S1	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:10	7.51	7.84	26.15	28.95	3.61	7	104	0.12	SE
S2A	20190906	Cloudy	Moderate	Mid-Ebb	B	8.1	17:34	6.93	7.98	26.09	28.93	3.19	9	105	0.16	E
S2A	20190906	Cloudy	Moderate	Mid-Ebb	B	8.1	17:34	7.12	8.22	26.42	28.78	3.26	8	105	0.103	SE
S2A	20190906	Cloudy	Moderate	Mid-Ebb	M	4.55	17:35	7.18	8.07	26.21	28.8	3.23	8	105	0.158	SE
S2A	20190906	Cloudy	Moderate	Mid-Ebb	M	4.55	17:35	7.45	8.12	25.92	28.74	3.51	9	105	0.248	S
S2A	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:36	7.02	8.14	26.25	28.76	3.33	5	105	0.158	SE
S2A	20190906	Cloudy	Moderate	Mid-Ebb	S	1	17:36	6.94	8.12	26.15	29.01	3.42	6	105	0.25	E
S3	20190906	Cloudy	Moderate	Mid-Ebb	B	9.8	18:02	6.99	8.16	26.18	29.06	3.35	12	105	0.251	S
S3	20190906	Cloudy	Moderate	Mid-Ebb	B	9.8	18:02	7.15	7.82	26.3	28.68	3.16	11	105	0.202	S
S3	20190906	Cloudy	Moderate	Mid-Ebb	M	5.4	18:03	7.08	8.06	26.21	28.72	3.06	10	105	0.077	S
S3	20190906	Cloudy	Moderate	Mid-Ebb	M	5.4	18:03	7.16	8.24	26.19	28.74	3.25	9	104	0.114	S
S3	20190906	Cloudy	Moderate	Mid-Ebb	S	1	18:04	7.38	8.13	26.23	28.8	3.3	9	105	0.195	S
S3	20190906	Cloudy	Moderate	Mid-Ebb	S	1	18:04	7.2	8.13	26.34	28.97	3.31	10	105	0.2	SE
B1	20190909	Sunny	Moderate	Mid-Ebb	B	3.7	9:47	6.86	7.91	26.52	30.37	2.88	7	99	0.179	E
B1	20190909	Sunny	Moderate	Mid-Ebb	B	3.7	9:47	7.27	8.05	27.34	30.52	2.94	7	99	0.09	E
B1	20190909	Sunny	Moderate	Mid-Ebb	S	1	9:48	7.46	8.07	26.24	30.63	2.9	5	95	0.15	SE
B1	20190909	Sunny	Moderate	Mid-Ebb	S	1	9:48	7.65	8.25	26.22	30.6	3	4	96	0.151	S
B2	20190909	Sunny	Moderate	Mid-Ebb	B	4.2	10:09	7.13	7.94	26.32	30.65	2.46	8	100	0.175	S
B2	20190909	Sunny	Moderate	Mid-Ebb	B	4.2	10:09	7.78	8.11	26.95	30.68	2.47	7	99	0.242	SE
B2	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:10	6.87	8.34	27.05	30.82	2.79	5	99	0.128	E
B2	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:10	7.76	7.99	26.57	30.79	2.99	5	99	0.158	S
B3	20190909	Sunny	Moderate	Mid-Ebb	B	3.8	9:51	7.31	8.34	27.4	30.55	2.26	7	99	0.154	S
B3	20190909	Sunny	Moderate	Mid-Ebb	B	3.8	9:51	7.23	8.23	26.95	30.33	2.25	7	99	0.094	E
B3	20190909	Sunny	Moderate	Mid-Ebb	S	1	9:52	7.5	8.21	27.56	30.2	2.86	7	99	0.122	SE
B3	20190909	Sunny	Moderate	Mid-Ebb	S	1	9:52	8.03	8.4	26.95	30.58	2.32	6	99	0.131	S
B4	20190909	Sunny	Moderate	Mid-Ebb	B	4.1	10:05	7.83	8.17	26.8	30.38	2.59	6	98	0.1	SE
B4	20190909	Sunny	Moderate	Mid-Ebb	B	4.1	10:05	8.01	8.41	27.25	30.39	2.49	6	99	0.118	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	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	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:06	7.3	8.18	26.97	30.77	2.45	8	99	0.149	E
B4	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:06	7.72	8.41	26.79	30.67	2.9	8	99	0.179	S
C1A	20190909	Sunny	Moderate	Mid-Ebb	B	9	9:13	7.81	8.25	26.45	30.49	2.52	5	96	0.211	S
C1A	20190909	Sunny	Moderate	Mid-Ebb	B	9	9:13	7.63	8.25	27	30.33	2.53	6	95	0.226	SE
C1A	20190909	Sunny	Moderate	Mid-Ebb	M	5	9:14	7.85	8.29	27.36	30.62	3.1	8	94	0.195	E
C1A	20190909	Sunny	Moderate	Mid-Ebb	M	5	9:14	7.2	8.12	26.66	30.23	3.07	9	96	0.22	E
C1A	20190909	Sunny	Moderate	Mid-Ebb	S	1	9:15	7.06	8.19	26.86	30.29	3.18	8	99	0.195	SE
C1A	20190909	Sunny	Moderate	Mid-Ebb	S	1	9:15	7.35	8.1	27.25	30.49	2.86	8	99	0.083	S
C2A	20190909	Sunny	Moderate	Mid-Ebb	B	11.2	9:32	7.44	8.29	26.77	30.24	2.63	8	99	0.16	E
C2A	20190909	Sunny	Moderate	Mid-Ebb	B	11.2	9:32	7.34	8.38	26.56	30.22	2.83	7	98	0.19	S
C2A	20190909	Sunny	Moderate	Mid-Ebb	M	6.1	9:33	8.05	8.3	26.53	30.65	3.05	7	98	0.184	S
C2A	20190909	Sunny	Moderate	Mid-Ebb	M	6.1	9:33	7.7	8.38	27.11	30.29	3.12	7	99	0.169	S
C2A	20190909	Sunny	Moderate	Mid-Ebb	S	1	9:34	7.23	8.14	26.51	30.71	3.18	6	95	0.096	S
C2A	20190909	Sunny	Moderate	Mid-Ebb	S	1	9:34	7.67	8.16	27.56	30.61	2.69	5	100	0.102	E
CR1	20190909	Sunny	Moderate	Mid-Ebb	B	11.9	11:13	7.89	8.04	26.67	30.63	2.78	5	95	0.153	SE
CR1	20190909	Sunny	Moderate	Mid-Ebb	B	11.9	11:13	6.91	8.15	26.6	30.58	2.78	5	96	0.243	SE
CR1	20190909	Sunny	Moderate	Mid-Ebb	M	6.45	11:14	7.64	8	26.21	30.5	2.79	4	95	0.08	E
CR1	20190909	Sunny	Moderate	Mid-Ebb	M	6.45	11:14	7.61	8.31	27.21	30.72	3.11	5	96	0.131	SE
CR1	20190909	Sunny	Moderate	Mid-Ebb	S	1	11:15	7.25	8.08	27.09	30.7	2.91	3	96	0.133	S
CR1	20190909	Sunny	Moderate	Mid-Ebb	S	1	11:15	6.85	8.18	27.4	30.83	3.14	4	95	0.213	S
CR2	20190909	Sunny	Moderate	Mid-Ebb	B	10.2	10:43	7.9	8.17	26.64	30.96	2.96	5	95	0.095	S
CR2	20190909	Sunny	Moderate	Mid-Ebb	B	10.2	10:43	6.94	8.26	26.93	30.74	2.94	6	96	0.135	SE
CR2	20190909	Sunny	Moderate	Mid-Ebb	M	5.6	10:44	7.16	7.93	26.21	30.83	2.93	5	96	0.214	S
CR2	20190909	Sunny	Moderate	Mid-Ebb	M	5.6	10:44	7.9	8.24	26.61	30.85	2.84	4	96	0.211	S
CR2	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:45	7.89	8.01	27.35	30.95	3	6	96	0.159	E
CR2	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:45	7.57	8.07	27.14	30.8	2.67	7	94	0.224	SE
F1A	20190909	Sunny	Moderate	Mid-Ebb	B	7	10:34	8.1	8.12	27.16	30.59	2.52	7	98	0.104	S
F1A	20190909	Sunny	Moderate	Mid-Ebb	B	7	10:34	7.85	8.18	26.65	30.84	2.11	7	97	0.14	S
F1A	20190909	Sunny	Moderate	Mid-Ebb	M	4	10:35	7.54	8.3	26.91	30.47	2.81	5	99	0.235	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	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	20190909	Sunny	Moderate	Mid-Ebb	M	4	10:35	7.53	8.25	26.71	30.75	2.68	6	98	0.12	SE
F1A	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:36	7.23	8.39	26.94	31.11	3.16	5	99	0.249	S
F1A	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:36	7.5	8.2	27.13	31.08	2.97	6	98	0.13	SE
H1	20190909	Sunny	Moderate	Mid-Ebb	B	7.7	11:36	7.27	8.22	26.86	30.69	2.81	7	95	0.248	SE
H1	20190909	Sunny	Moderate	Mid-Ebb	B	7.7	11:36	7.68	8.19	27.36	30.58	2.73	6	98	0.194	SE
H1	20190909	Sunny	Moderate	Mid-Ebb	M	4.35	11:37	8.01	8.21	27.33	30.88	3.06	7	97	0.093	SE
H1	20190909	Sunny	Moderate	Mid-Ebb	M	4.35	11:37	7.64	8.19	27.38	30.31	3.06	7	94	0.236	S
H1	20190909	Sunny	Moderate	Mid-Ebb	S	1	11:38	7.32	8.16	26.75	30.37	2.89	9	98	0.245	SE
H1	20190909	Sunny	Moderate	Mid-Ebb	S	1	11:38	8.05	8.39	27.53	30.85	3.21	8	97	0.129	S
M1	20190909	Sunny	Moderate	Mid-Ebb	B	8.2	11:05	7.24	8.32	26.98	30.44	2.5	6	95	0.204	SE
M1	20190909	Sunny	Moderate	Mid-Ebb	B	8.2	11:05	7.3	8.21	27.6	30.57	2.72	4	95	0.126	SE
M1	20190909	Sunny	Moderate	Mid-Ebb	M	4.6	11:06	7.94	8.44	27.18	30.92	2.88	6	96	0.201	S
M1	20190909	Sunny	Moderate	Mid-Ebb	M	4.6	11:06	7.71	8.1	26.88	30.89	2.78	5	96	0.108	S
M1	20190909	Sunny	Moderate	Mid-Ebb	S	1	11:07	7.94	8.31	27.47	30.89	2.91	7	96	0.159	SE
M1	20190909	Sunny	Moderate	Mid-Ebb	S	1	11:07	7.32	8.21	26.55	30.3	2.67	6	96	0.089	SE
S1	20190909	Sunny	Moderate	Mid-Ebb	B	4.3	9:59	7.51	8.06	26.91	30.82	2.5	8	99	0.133	SE
S1	20190909	Sunny	Moderate	Mid-Ebb	B	4.3	9:59	7.47	8.02	26.64	30.7	2.46	9	99	0.236	SE
S1	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:00	7.21	8.19	26.5	30.77	2.74	6	97	0.12	SE
S1	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:00	7.75	8.14	27.22	30.62	3.04	7	99	0.137	SE
S2A	20190909	Sunny	Moderate	Mid-Ebb	B	8.5	10:26	7.44	8.16	26.47	30.64	2.82	7	96	0.232	E
S2A	20190909	Sunny	Moderate	Mid-Ebb	B	8.5	10:26	7.2	8.19	26.41	30.76	2.72	8	96	0.245	E
S2A	20190909	Sunny	Moderate	Mid-Ebb	M	4.75	10:27	7.2	7.95	27.23	30.49	2.85	10	95	0.217	SE
S2A	20190909	Sunny	Moderate	Mid-Ebb	M	4.75	10:27	7.32	7.91	26.5	30.65	2.67	9	96	0.105	S
S2A	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:28	7.37	7.96	26.52	30.65	2.98	10	99	0.236	S
S2A	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:28	7.26	8.34	26.25	30.62	2.67	10	95	0.11	S
S3	20190909	Sunny	Moderate	Mid-Ebb	B	10.5	10:55	7.78	8.02	27.26	30.91	2.85	5	96	0.163	SE
S3	20190909	Sunny	Moderate	Mid-Ebb	B	10.5	10:55	7.66	7.92	26.89	30.91	2.78	6	95	0.22	E
S3	20190909	Sunny	Moderate	Mid-Ebb	M	5.75	10:56	7.77	8.16	26.54	31.07	2.79	5	95	0.235	S
S3	20190909	Sunny	Moderate	Mid-Ebb	M	5.75	10:56	7.89	7.92	27.39	31.03	2.57	6	96	0.182	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	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	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:57	7.46	7.95	26.75	30.93	2.9	7	96	0.226	E
S3	20190909	Sunny	Moderate	Mid-Ebb	S	1	10:57	7.38	7.94	26.53	30.91	2.98	6	96	0.228	S
B1	20190909	Sunny	Moderate	Mid-Flood	B	3.7	15:48	7.92	7.69	27.78	30.48	2.38	7	99	0.218	NW
B1	20190909	Sunny	Moderate	Mid-Flood	B	3.7	15:48	6.91	8.06	27.99	30.33	2.4	6	99	0.149	W
B1	20190909	Sunny	Moderate	Mid-Flood	S	1	15:49	7.53	7.98	27.33	30.02	3.18	5	98	0.138	W
B1	20190909	Sunny	Moderate	Mid-Flood	S	1	15:49	7.63	8.22	27.2	30.29	2.96	4	99	0.259	W
B2	20190909	Sunny	Moderate	Mid-Flood	B	4.1	16:10	7.32	7.85	26.44	30.1	2.33	8	99	0.212	SW
B2	20190909	Sunny	Moderate	Mid-Flood	B	4.1	16:10	7.55	7.95	27.11	29.93	2.39	6	98	0.197	W
B2	20190909	Sunny	Moderate	Mid-Flood	S	1	16:11	7	8.29	27.94	30.12	2.88	6	99	0.203	W
B2	20190909	Sunny	Moderate	Mid-Flood	S	1	16:11	7.17	8.33	27.7	30.06	3.04	5	98	0.234	SW
B3	20190909	Sunny	Moderate	Mid-Flood	B	3.3	16:10	7.74	8.45	27.18	30.72	2.05	8	102	0.27	NW
B3	20190909	Sunny	Moderate	Mid-Flood	B	3.3	16:10	8.19	8.21	26.69	30.79	2.14	8	103	0.283	W
B3	20190909	Sunny	Moderate	Mid-Flood	S	1	16:11	8.18	8.47	27.44	30.79	2.69	6	103	0.196	W
B3	20190909	Sunny	Moderate	Mid-Flood	S	1	16:11	7.57	8.44	27.31	30.79	2.79	5	104	0.248	W
B4	20190909	Sunny	Moderate	Mid-Flood	B	3.8	16:23	7.63	8.26	27.53	30.79	2.58	5	104	0.208	SW
B4	20190909	Sunny	Moderate	Mid-Flood	B	3.8	16:23	7.63	8.21	26.74	30.78	2.08	4	98	0.279	W
B4	20190909	Sunny	Moderate	Mid-Flood	S	1	16:24	8.12	8.46	27.41	30.77	2.88	7	104	0.175	W
B4	20190909	Sunny	Moderate	Mid-Flood	S	1	16:24	8.27	8.23	27.65	30.8	2.89	8	104	0.172	W
C1A	20190909	Sunny	Moderate	Mid-Flood	B	10.7	15:26	6.81	7.7	26.67	30.19	2.48	7	96	0.237	W
C1A	20190909	Sunny	Moderate	Mid-Flood	B	10.7	15:26	7.49	8.25	26.61	30.5	2.6	8	98	0.198	W
C1A	20190909	Sunny	Moderate	Mid-Flood	M	5.85	15:27	7.72	7.7	26.85	30.61	2.81	8	95	0.187	NW
C1A	20190909	Sunny	Moderate	Mid-Flood	M	5.85	15:27	6.96	7.94	26.99	30.43	2.72	8	96	0.238	W
C1A	20190909	Sunny	Moderate	Mid-Flood	S	1	15:28	7.99	7.71	26.73	30.5	2.83	5	96	0.141	SW
C1A	20190909	Sunny	Moderate	Mid-Flood	S	1	15:28	6.82	7.78	27.7	30.68	2.74	4	97	0.17	W
C2A	20190909	Sunny	Moderate	Mid-Flood	B	10.3	15:24	7.61	8.26	26.3	31.04	2.63	5	95	0.202	SW
C2A	20190909	Sunny	Moderate	Mid-Flood	B	10.3	15:24	8.14	8.22	26.88	30.9	2.51	4	96	0.152	W
C2A	20190909	Sunny	Moderate	Mid-Flood	M	5.65	15:25	8.16	8.31	27.43	30.99	3.04	4	96	0.171	W
C2A	20190909	Sunny	Moderate	Mid-Flood	M	5.65	15:25	7.59	8.26	27.83	30.83	2.92	5	96	0.231	W
C2A	20190909	Sunny	Moderate	Mid-Flood	S	1	15:26	7.59	8.35	27.32	30.87	2.71	4	96	0.199	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	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	20190909	Sunny	Moderate	Mid-Flood	S	1	15:26	8.32	8.35	26.45	30.94	2.71	6	96	0.175	W
CR1	20190909	Sunny	Moderate	Mid-Flood	B	11.9	17:14	7.82	7.81	26.41	30.03	2.38	6	99	0.263	NW
CR1	20190909	Sunny	Moderate	Mid-Flood	B	11.9	17:14	7.99	8.22	27.19	29.75	2.76	5	98	0.285	W
CR1	20190909	Sunny	Moderate	Mid-Flood	M	6.45	17:15	7.73	8.21	26.52	29.76	2.84	6	98	0.267	NW
CR1	20190909	Sunny	Moderate	Mid-Flood	M	6.45	17:15	7.98	7.91	27.15	29.91	3.06	4	100	0.165	SW
CR1	20190909	Sunny	Moderate	Mid-Flood	S	1	17:16	7.67	8.15	26.36	29.84	2.72	4	99	0.274	W
CR1	20190909	Sunny	Moderate	Mid-Flood	S	1	17:16	7.44	7.93	26.36	30	2.82	5	99	0.182	NW
CR2	20190909	Sunny	Moderate	Mid-Flood	B	10.9	16:44	7.76	7.73	27.01	29.68	2.67	3	94	0.184	SW
CR2	20190909	Sunny	Moderate	Mid-Flood	B	10.9	16:44	7.71	8.17	26.45	30.02	2.43	3	94	0.289	SW
CR2	20190909	Sunny	Moderate	Mid-Flood	M	5.95	16:45	7.5	8.34	27.7	29.72	2.89	4	94	0.211	NW
CR2	20190909	Sunny	Moderate	Mid-Flood	M	5.95	16:45	7.22	7.78	27.33	29.62	2.97	4	94	0.287	W
CR2	20190909	Sunny	Moderate	Mid-Flood	S	1	16:46	6.91	7.98	26.29	29.94	3.18	4	96	0.158	NW
CR2	20190909	Sunny	Moderate	Mid-Flood	S	1	16:46	6.93	7.69	27.16	29.75	3.21	5	95	0.151	W
F1A	20190909	Sunny	Moderate	Mid-Flood	B	7.4	17:00	7.81	8.24	27.24	30.88	2.26	5	95	0.275	W
F1A	20190909	Sunny	Moderate	Mid-Flood	B	7.4	17:00	8.33	8.34	27.7	30.88	2.48	6	96	0.283	NW
F1A	20190909	Sunny	Moderate	Mid-Flood	M	4.2	17:01	8.36	8.25	27	30.75	2.77	4	96	0.244	W
F1A	20190909	Sunny	Moderate	Mid-Flood	M	4.2	17:01	7.76	8.47	27.03	30.86	2.55	4	96	0.164	W
F1A	20190909	Sunny	Moderate	Mid-Flood	S	1	17:02	7.88	8.3	27.14	30.69	2.86	3	97	0.173	W
F1A	20190909	Sunny	Moderate	Mid-Flood	S	1	17:02	7.66	8.38	27.79	30.64	2.6	4	96	0.226	W
H1	20190909	Sunny	Moderate	Mid-Flood	B	7	15:46	7.5	8.16	27.89	30.74	2.21	4	96	0.159	W
H1	20190909	Sunny	Moderate	Mid-Flood	B	7	15:46	7.85	8.42	27.57	30.8	2.32	4	96	0.162	W
H1	20190909	Sunny	Moderate	Mid-Flood	M	4	15:47	7.59	8.42	26.9	30.85	2.1	6	97	0.169	W
H1	20190909	Sunny	Moderate	Mid-Flood	M	4	15:47	8.22	8.23	26.84	30.73	2.47	7	103	0.212	W
H1	20190909	Sunny	Moderate	Mid-Flood	S	1	15:48	8.02	8.16	27.55	30.75	2.39	4	96	0.255	W
H1	20190909	Sunny	Moderate	Mid-Flood	S	1	15:48	8.24	8.18	27.03	30.87	2.48	5	96	0.251	SW
M1	20190909	Sunny	Moderate	Mid-Flood	B	7.6	17:29	7.82	8.15	27.77	30.6	2.68	6	98	0.257	NW
M1	20190909	Sunny	Moderate	Mid-Flood	B	7.6	17:29	7.47	8.23	27.41	30.74	2.84	4	98	0.123	SW
M1	20190909	Sunny	Moderate	Mid-Flood	M	4.3	17:30	8.18	8.18	27	30.86	2.93	5	98	0.265	W
M1	20190909	Sunny	Moderate	Mid-Flood	M	4.3	17:30	7.73	8.43	27.38	30.87	2.73	5	98	0.22	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	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	20190909	Sunny	Moderate	Mid-Flood	S	1	17:31	7.84	8.45	27.7	30.79	2.93	3	99	0.226	NW
M1	20190909	Sunny	Moderate	Mid-Flood	S	1	17:31	8.08	8.47	27.43	30.69	3.05	2	99	0.174	W
S1	20190909	Sunny	Moderate	Mid-Flood	B	4	15:58	6.99	8.02	26.57	30.45	2.33	6	94	0.243	W
S1	20190909	Sunny	Moderate	Mid-Flood	B	4	15:58	7.01	8.27	26.88	30.03	2.39	7	95	0.188	W
S1	20190909	Sunny	Moderate	Mid-Flood	S	1	15:59	6.92	7.95	27.34	30.13	2.75	4	95	0.223	W
S1	20190909	Sunny	Moderate	Mid-Flood	S	1	15:59	7.48	7.92	27.53	30.46	3.15	4	95	0.215	W
S2A	20190909	Sunny	Moderate	Mid-Flood	B	8.8	16:25	7.68	7.93	27.88	30.36	2.51	5	96	0.268	W
S2A	20190909	Sunny	Moderate	Mid-Flood	B	8.8	16:25	6.91	8.12	27.35	30.31	2.46	6	96	0.138	SW
S2A	20190909	Sunny	Moderate	Mid-Flood	M	4.9	16:26	7.86	8.31	26.39	29.96	2.83	6	96	0.282	SW
S2A	20190909	Sunny	Moderate	Mid-Flood	M	4.9	16:26	6.86	7.65	26.89	29.95	2.8	6	96	0.255	NW
S2A	20190909	Sunny	Moderate	Mid-Flood	S	1	16:27	7.56	8	27.19	30.23	2.91	6	97	0.258	W
S2A	20190909	Sunny	Moderate	Mid-Flood	S	1	16:27	7.77	7.76	27.75	30.35	2.75	5	96	0.171	W
S3	20190909	Sunny	Moderate	Mid-Flood	B	8.7	16:54	7.62	8.31	27.39	29.87	2.66	4	97	0.168	W
S3	20190909	Sunny	Moderate	Mid-Flood	B	8.7	16:54	7.53	8	26.62	29.92	2.42	5	97	0.259	W
S3	20190909	Sunny	Moderate	Mid-Flood	M	4.85	16:55	7.6	8.02	27.14	29.8	2.91	5	96	0.138	SW
S3	20190909	Sunny	Moderate	Mid-Flood	M	4.85	16:55	6.8	8.31	26.21	29.82	3.04	5	95	0.22	W
S3	20190909	Sunny	Moderate	Mid-Flood	S	1	16:56	7.85	8.24	26.96	29.7	2.68	6	93	0.183	W
S3	20190909	Sunny	Moderate	Mid-Flood	S	1	16:56	7.81	7.88	26.83	29.88	3.07	7	95	0.284	NW
B1	20190911	Sunny	Moderate	Mid-Ebb	B	3.6	9:30	6.13	8.11	24.25	28.71	2.45	14	103	0.143	S
B1	20190911	Sunny	Moderate	Mid-Ebb	B	3.6	9:30	6.22	7.87	23.92	28.9	2.01	14	103	0.159	S
B1	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:31	6.28	8.13	24.15	28.73	3.25	11	102	0.163	S
B1	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:31	6.17	8.05	24.01	28.76	2.68	12	104	0.169	S
B2	20190911	Sunny	Moderate	Mid-Ebb	B	4.5	9:54	6.25	7.92	23.79	28.8	3.02	8	103	0.195	SE
B2	20190911	Sunny	Moderate	Mid-Ebb	B	4.5	9:54	6.49	8.06	23.95	28.87	2.5	8	103	0.128	SE
B2	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:55	6.13	8.06	24.17	28.69	2.86	8	105	0.169	S
B2	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:55	6.24	8.12	23.63	28.94	3	8	104	0.088	S
B3	20190911	Sunny	Moderate	Mid-Ebb	B	3.4	10:18	6.75	7.93	23.98	28.84	2.78	3	103	0.216	SE
B3	20190911	Sunny	Moderate	Mid-Ebb	B	3.4	10:18	6.68	7.9	24.2	28.6	2.85	4	104	0.167	SE
B3	20190911	Sunny	Moderate	Mid-Ebb	S	1	10:19	7.31	7.94	24.16	28.84	3.01	5	103	0.247	S

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	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	20190911	Sunny	Moderate	Mid-Ebb	S	1	10:19	7.03	8.04	24.29	28.76	2.67	4	103	0.238	E
B4	20190911	Sunny	Moderate	Mid-Ebb	B	3.9	10:31	6.91	7.97	23.78	28.6	2.71	3	103	0.171	E
B4	20190911	Sunny	Moderate	Mid-Ebb	B	3.9	10:31	6.69	8.07	24.21	28.77	2.57	4	102	0.128	SE
B4	20190911	Sunny	Moderate	Mid-Ebb	S	1	10:32	7.34	7.83	23.86	28.84	2.68	5	104	0.167	S
B4	20190911	Sunny	Moderate	Mid-Ebb	S	1	10:32	7.57	7.97	23.76	28.9	3.01	4	103	0.192	SE
C1A	20190911	Sunny	Moderate	Mid-Ebb	B	10	9:06	6.15	8.04	24.38	28.65	2.94	7	104	0.167	S
C1A	20190911	Sunny	Moderate	Mid-Ebb	B	10	9:06	6.56	8.03	24.3	28.72	2.89	6	102	0.123	SE
C1A	20190911	Sunny	Moderate	Mid-Ebb	M	5.5	9:07	6.34	8.03	24.03	28.83	2.73	4	102	0.087	S
C1A	20190911	Sunny	Moderate	Mid-Ebb	M	5.5	9:07	6.18	8.06	24.34	28.88	3.06	6	102	0.098	E
C1A	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:08	6.59	8.23	23.93	28.79	2.85	5	103	0.088	S
C1A	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:08	6.37	8.23	24.13	28.63	3.16	5	103	0.08	SE
C2A	20190911	Sunny	Moderate	Mid-Ebb	B	10.9	9:06	7.25	7.81	24.36	28.72	2.53	4	102	0.091	E
C2A	20190911	Sunny	Moderate	Mid-Ebb	B	10.9	9:06	6.68	8.09	24.05	28.66	2.55	5	103	0.175	S
C2A	20190911	Sunny	Moderate	Mid-Ebb	M	6	9:07	6.9	7.96	24.31	28.86	2.77	5	103	0.086	SE
C2A	20190911	Sunny	Moderate	Mid-Ebb	M	6	9:07	6.55	7.94	24.32	28.73	2.65	5	102	0.228	S
C2A	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:08	6.87	8.21	24.16	28.66	2.86	6	103	0.179	E
C2A	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:08	6.95	8.03	23.98	28.87	2.82	5	103	0.226	S
CR1	20190911	Sunny	Moderate	Mid-Ebb	B	11.7	9:21	7.29	8.24	23.76	28.73	2.48	6	103	0.077	SE
CR1	20190911	Sunny	Moderate	Mid-Ebb	B	11.7	9:21	7.22	7.8	23.62	28.62	2.53	6	103	0.173	SE
CR1	20190911	Sunny	Moderate	Mid-Ebb	M	6.4	9:22	7.38	7.95	24.11	28.89	2.98	6	103	0.249	S
CR1	20190911	Sunny	Moderate	Mid-Ebb	M	6.4	9:22	7.36	7.94	23.64	28.6	2.66	6	103	0.193	SE
CR1	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:23	7.19	8.07	23.62	28.72	2.95	7	103	0.09	S
CR1	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:23	6.59	7.93	23.8	28.88	2.89	6	103	0.188	SE
CR2	20190911	Sunny	Moderate	Mid-Ebb	B	10.3	9:44	7.1	7.88	23.82	28.78	2.89	7	104	0.136	SE
CR2	20190911	Sunny	Moderate	Mid-Ebb	B	10.3	9:44	7.29	7.99	24.01	28.69	2.93	7	103	0.227	S
CR2	20190911	Sunny	Moderate	Mid-Ebb	M	5.7	9:45	6.71	7.94	23.65	28.69	2.97	6	104	0.212	SE
CR2	20190911	Sunny	Moderate	Mid-Ebb	M	5.7	9:45	7.21	8.12	24.01	28.69	2.85	6	103	0.141	S
CR2	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:46	7.52	7.82	24.06	28.84	3.18	6	103	0.08	SE
CR2	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:46	6.73	7.95	23.82	28.72	2.72	6	103	0.234	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	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	20190911	Sunny	Moderate	Mid-Ebb	B	8.2	11:04	6.41	8.19	24.09	28.96	2.45	8	103	0.147	S
F1A	20190911	Sunny	Moderate	Mid-Ebb	B	8.2	11:04	6.14	8.22	23.78	29.02	2.86	9	103	0.091	SE
F1A	20190911	Sunny	Moderate	Mid-Ebb	M	4.6	11:05	6.49	7.88	24.12	28.78	3.05	5	103	0.19	SE
F1A	20190911	Sunny	Moderate	Mid-Ebb	M	4.6	11:05	6.39	8.14	24.15	29.21	2.61	6	103	0.235	S
F1A	20190911	Sunny	Moderate	Mid-Ebb	S	1	11:06	6.35	8.1	23.99	29.18	2.76	4	103	0.158	SE
F1A	20190911	Sunny	Moderate	Mid-Ebb	S	1	11:06	6.35	7.87	23.78	29.28	2.73	5	103	0.242	S
H1	20190911	Sunny	Moderate	Mid-Ebb	B	7.9	10:01	7.4	7.84	23.73	28.69	2.61	8	103	0.196	SE
H1	20190911	Sunny	Moderate	Mid-Ebb	B	7.9	10:01	7.03	7.89	24.04	28.64	2.86	8	104	0.157	SE
H1	20190911	Sunny	Moderate	Mid-Ebb	M	4.5	10:02	7.28	8.18	23.82	28.9	2.73	8	104	0.128	S
H1	20190911	Sunny	Moderate	Mid-Ebb	M	4.5	10:02	6.79	7.91	24.17	28.88	3.11	7	104	0.185	SE
H1	20190911	Sunny	Moderate	Mid-Ebb	S	1	10:03	7.25	7.8	24.03	28.72	2.75	5	103	0.202	S
H1	20190911	Sunny	Moderate	Mid-Ebb	S	1	10:03	6.95	8.23	23.67	28.69	2.83	5	103	0.141	E
M1	20190911	Sunny	Moderate	Mid-Ebb	B	7.9	11:40	6.36	8.05	23.63	28.98	2.71	10	105	0.191	SE
M1	20190911	Sunny	Moderate	Mid-Ebb	B	7.9	11:40	6.51	7.88	24.06	29.08	2.51	11	105	0.091	S
M1	20190911	Sunny	Moderate	Mid-Ebb	M	4.5	11:41	6.56	7.94	24.23	28.95	2.6	8	105	0.21	S
M1	20190911	Sunny	Moderate	Mid-Ebb	M	4.5	11:41	6.57	7.93	24.21	29.25	2.66	8	104	0.167	SE
M1	20190911	Sunny	Moderate	Mid-Ebb	S	1	11:42	6.32	8.16	23.77	28.82	2.74	7	104	0.126	SE
M1	20190911	Sunny	Moderate	Mid-Ebb	S	1	11:42	6.61	7.99	24.01	28.78	2.99	7	104	0.163	S
S1	20190911	Sunny	Moderate	Mid-Ebb	B	4.3	9:42	6.34	8.05	24.26	28.83	3.02	7	103	0.205	SE
S1	20190911	Sunny	Moderate	Mid-Ebb	B	4.3	9:42	6.3	8.19	23.9	28.92	2.62	8	103	0.184	SE
S1	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:43	6.35	8.07	24.13	28.99	2.99	6	103	0.115	E
S1	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:43	6.21	8.2	24.09	28.88	2.86	6	104	0.139	S
S2A	20190911	Sunny	Moderate	Mid-Ebb	B	8.3	10:15	6.26	7.89	24.1	28.76	2.58	10	103	0.122	SE
S2A	20190911	Sunny	Moderate	Mid-Ebb	B	8.3	10:15	6.36	7.93	23.91	28.94	2.97	9	102	0.1	SE
S2A	20190911	Sunny	Moderate	Mid-Ebb	M	4.7	10:16	6.4	8.15	23.96	28.74	2.54	9	104	0.249	SE
S2A	20190911	Sunny	Moderate	Mid-Ebb	M	4.7	10:16	6.52	7.9	23.75	28.87	2.79	9	102	0.19	E
S2A	20190911	Sunny	Moderate	Mid-Ebb	S	1	10:17	6.59	8.09	23.93	28.74	3.18	7	103	0.247	SE
S2A	20190911	Sunny	Moderate	Mid-Ebb	S	1	10:17	6.38	8.12	24.38	28.97	2.72	7	103	0.193	SE
S3	20190911	Sunny	Moderate	Mid-Ebb	B	9.4	9:34	6.77	8.04	23.65	28.7	2.69	6	103	0.143	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	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	20190911	Sunny	Moderate	Mid-Ebb	B	9.4	9:34	7.12	8.08	23.67	28.73	2.47	6	103	0.106	SE
S3	20190911	Sunny	Moderate	Mid-Ebb	M	5.2	9:35	7.27	7.99	23.62	28.72	2.72	6	103	0.224	SE
S3	20190911	Sunny	Moderate	Mid-Ebb	M	5.2	9:35	7.21	8.11	24.2	28.9	3.09	7	104	0.225	SE
S3	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:36	7.16	8.08	23.79	28.75	2.76	6	103	0.25	SE
S3	20190911	Sunny	Moderate	Mid-Ebb	S	1	9:36	6.93	7.93	23.69	28.88	3.08	7	102	0.179	SE
B1	20190911	Sunny	Moderate	Mid-Flood	B	3.4	15:49	6.99	7.85	23.21	29.34	2.62	8	103	0.205	NW
B1	20190911	Sunny	Moderate	Mid-Flood	B	3.4	15:49	7.02	8.14	23.31	29.29	2.76	7	103	0.192	W
B1	20190911	Sunny	Moderate	Mid-Flood	S	1	15:50	6.78	7.98	23.24	29.35	2.76	10	104	0.156	W
B1	20190911	Sunny	Moderate	Mid-Flood	S	1	15:50	6.62	8.12	23.2	29.24	2.94	10	104	0.184	NW
B2	20190911	Sunny	Moderate	Mid-Flood	B	4	16:23	6.95	7.9	23.86	29.31	2.37	10	104	0.127	W
B2	20190911	Sunny	Moderate	Mid-Flood	B	4	16:23	6.61	7.87	23.8	29.27	2.59	10	105	0.253	SW
B2	20190911	Sunny	Moderate	Mid-Flood	S	1	16:24	7.05	7.86	23.41	29.38	2.78	6	103	0.269	W
B2	20190911	Sunny	Moderate	Mid-Flood	S	1	16:24	6.85	7.98	23.48	29.27	3.07	7	103	0.162	W
B3	20190911	Sunny	Moderate	Mid-Flood	B	3.6	16:16	6.79	8.13	23.45	29.44	2.71	10	103	0.127	NW
B3	20190911	Sunny	Moderate	Mid-Flood	B	3.6	16:16	6.97	7.91	23.92	29.53	2.51	9	103	0.292	NW
B3	20190911	Sunny	Moderate	Mid-Flood	S	1	16:17	7.05	7.79	24.07	29.46	2.88	12	103	0.264	W
B3	20190911	Sunny	Moderate	Mid-Flood	S	1	16:17	6.65	7.87	23.97	29.42	2.86	10	103	0.159	W
B4	20190911	Sunny	Moderate	Mid-Flood	B	4.4	16:28	6.9	8.1	23.45	29.48	2.9	8	103	0.155	W
B4	20190911	Sunny	Moderate	Mid-Flood	B	4.4	16:28	6.82	7.87	23.61	29.36	2.76	7	103	0.122	W
B4	20190911	Sunny	Moderate	Mid-Flood	S	1	16:29	7.17	8.11	23.73	29.48	3.18	9	103	0.22	W
B4	20190911	Sunny	Moderate	Mid-Flood	S	1	16:29	7.06	7.97	23.72	29.39	2.97	10	103	0.29	SW
C1A	20190911	Sunny	Moderate	Mid-Flood	B	9	15:21	6.9	8.14	23.44	29.39	2.61	6	103	0.177	W
C1A	20190911	Sunny	Moderate	Mid-Flood	B	9	15:21	6.6	7.93	23.7	29.29	2.63	7	102	0.188	NW
C1A	20190911	Sunny	Moderate	Mid-Flood	M	5	15:22	6.57	8.13	23.62	29.23	2.6	7	104	0.198	W
C1A	20190911	Sunny	Moderate	Mid-Flood	M	5	15:22	6.79	8.01	23.26	29.37	2.92	7	105	0.153	SW
C1A	20190911	Sunny	Moderate	Mid-Flood	S	1	15:23	7.08	7.83	23.64	29.39	3.03	6	103	0.126	W
C1A	20190911	Sunny	Moderate	Mid-Flood	S	1	15:23	6.76	7.88	23.87	29.38	3.05	7	103	0.22	SW
C2A	20190911	Sunny	Moderate	Mid-Flood	B	10.9	15:01	6.6	7.79	23.67	29.32	2.8	10	103	0.238	SW
C2A	20190911	Sunny	Moderate	Mid-Flood	B	10.9	15:01	7	7.95	23.76	29.37	2.87	9	103	0.202	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	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	20190911	Sunny	Moderate	Mid-Flood	M	6	15:02	7.09	7.8	23.24	29.2	2.71	8	103	0.167	SW
C2A	20190911	Sunny	Moderate	Mid-Flood	M	6	15:02	7.07	8.12	23.99	29.25	2.76	8	104	0.252	NW
C2A	20190911	Sunny	Moderate	Mid-Flood	S	1	15:03	6.88	7.96	23.87	29.39	3.17	7	102	0.151	SW
C2A	20190911	Sunny	Moderate	Mid-Flood	S	1	15:03	7.14	7.92	23.82	29.37	2.9	6	104	0.267	W
CR1	20190911	Sunny	Moderate	Mid-Flood	B	11.9	15:18	7.04	7.93	24.04	29.21	2.58	9	104	0.142	W
CR1	20190911	Sunny	Moderate	Mid-Flood	B	11.9	15:18	6.95	7.98	23.79	29.21	2.49	9	103	0.291	NW
CR1	20190911	Sunny	Moderate	Mid-Flood	M	6.5	15:19	7.01	7.91	23.74	29.33	3.12	6	104	0.167	W
CR1	20190911	Sunny	Moderate	Mid-Flood	M	6.5	15:19	7.13	8.01	24.02	29.33	2.79	6	104	0.217	SW
CR1	20190911	Sunny	Moderate	Mid-Flood	S	1	15:20	6.97	7.77	23.49	29.3	3.15	5	104	0.288	W
CR1	20190911	Sunny	Moderate	Mid-Flood	S	1	15:20	6.89	8.08	23.26	29.26	3.1	4	104	0.216	W
CR2	20190911	Sunny	Moderate	Mid-Flood	B	10.6	15:42	6.95	8.04	24.08	29.37	2.41	10	103	0.179	W
CR2	20190911	Sunny	Moderate	Mid-Flood	B	10.6	15:42	6.63	7.92	23.54	29.34	2.47	10	103	0.228	W
CR2	20190911	Sunny	Moderate	Mid-Flood	M	5.8	15:43	6.99	7.8	24.06	29.33	2.72	8	103	0.133	W
CR2	20190911	Sunny	Moderate	Mid-Flood	M	5.8	15:43	7.08	7.97	23.77	29.35	3.01	9	103	0.131	SW
CR2	20190911	Sunny	Moderate	Mid-Flood	S	1	15:44	6.85	7.82	23.29	29.39	2.86	5	103	0.285	W
CR2	20190911	Sunny	Moderate	Mid-Flood	S	1	15:44	7.08	7.86	23.65	29.29	3.22	4	103	0.273	W
F1A	20190911	Sunny	Moderate	Mid-Flood	B	7.1	17:28	6.59	7.95	23.98	29.24	2.5	5	103	0.22	NW
F1A	20190911	Sunny	Moderate	Mid-Flood	B	7.1	17:28	6.81	8.04	23.75	29.31	2.56	4	102	0.199	W
F1A	20190911	Sunny	Moderate	Mid-Flood	M	4.1	17:29	7.17	7.88	23.69	29.37	3.1	7	103	0.139	W
F1A	20190911	Sunny	Moderate	Mid-Flood	M	4.1	17:29	6.85	7.95	23.97	29.23	2.65	6	103	0.229	W
F1A	20190911	Sunny	Moderate	Mid-Flood	S	1	17:30	6.72	7.84	23.59	29.29	2.68	8	103	0.167	SW
F1A	20190911	Sunny	Moderate	Mid-Flood	S	1	17:30	7.09	7.77	23.43	29.26	3.03	9	103	0.202	SW
H1	20190911	Sunny	Moderate	Mid-Flood	B	7.4	15:59	6.93	7.91	24.08	29.44	2.35	8	103	0.196	SW
H1	20190911	Sunny	Moderate	Mid-Flood	B	7.4	15:59	6.78	8.07	23.56	29.39	2.41	9	103	0.179	W
H1	20190911	Sunny	Moderate	Mid-Flood	M	4.2	16:00	7.01	7.85	23.81	29.26	2.6	6	103	0.268	W
H1	20190911	Sunny	Moderate	Mid-Flood	M	4.2	16:00	6.75	8.02	23.21	29.28	2.69	7	103	0.2	SW
H1	20190911	Sunny	Moderate	Mid-Flood	S	1	16:01	6.62	7.94	23.61	29.38	2.71	5	103	0.268	SW
H1	20190911	Sunny	Moderate	Mid-Flood	S	1	16:01	6.81	7.85	24.01	29.38	3.2	4	103	0.123	W
M1	20190911	Sunny	Moderate	Mid-Flood	B	6.7	17:56	6.91	7.82	23.59	29.22	2.69	6	103	0.234	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	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	20190911	Sunny	Moderate	Mid-Flood	B	6.7	17:56	6.89	7.96	23.61	29.26	2.88	7	103	0.231	W
M1	20190911	Sunny	Moderate	Mid-Flood	M	3.9	17:57	7.19	7.92	23.3	29.34	3.02	9	103	0.281	W
M1	20190911	Sunny	Moderate	Mid-Flood	M	3.9	17:57	6.66	7.97	23.27	29.33	2.71	10	104	0.14	W
M1	20190911	Sunny	Moderate	Mid-Flood	S	1	17:58	6.92	7.9	23.34	29.33	3.05	9	104	0.244	SW
M1	20190911	Sunny	Moderate	Mid-Flood	S	1	17:58	7.16	8.12	23.6	29.33	3.2	10	103	0.25	W
S1	20190911	Sunny	Moderate	Mid-Flood	B	4.7	16:13	6.94	8.06	23.67	29.31	2.67	5	103	0.149	NW
S1	20190911	Sunny	Moderate	Mid-Flood	B	4.7	16:13	6.88	7.87	23.56	29.26	2.58	6	104	0.271	W
S1	20190911	Sunny	Moderate	Mid-Flood	S	1	16:14	6.93	7.87	23.58	29.4	3.21	6	105	0.287	W
S1	20190911	Sunny	Moderate	Mid-Flood	S	1	16:14	7.19	8.06	23.41	29.21	3.12	7	106	0.272	SW
S2A	20190911	Sunny	Moderate	Mid-Flood	B	8.2	16:23	6.58	8.09	23.26	29.28	2.32	9	103	0.125	W
S2A	20190911	Sunny	Moderate	Mid-Flood	B	8.2	16:23	6.68	7.86	23.42	29.39	2.75	9	103	0.149	NW
S2A	20190911	Sunny	Moderate	Mid-Flood	M	4.6	16:24	6.73	7.75	23.5	29.35	2.54	6	104	0.123	W
S2A	20190911	Sunny	Moderate	Mid-Flood	M	4.6	16:24	6.97	7.86	23.55	29.39	2.86	6	103	0.137	W
S2A	20190911	Sunny	Moderate	Mid-Flood	S	1	16:25	6.55	7.85	23.91	29.27	3.1	5	103	0.262	W
S2A	20190911	Sunny	Moderate	Mid-Flood	S	1	16:25	7.09	7.86	23.91	29.39	3.08	4	104	0.214	W
S3	20190911	Sunny	Moderate	Mid-Flood	B	9.8	15:32	7.13	8.09	23.7	29.25	2.91	10	106	0.139	W
S3	20190911	Sunny	Moderate	Mid-Flood	B	9.8	15:32	6.66	7.97	23.84	29.2	2.63	9	104	0.13	NW
S3	20190911	Sunny	Moderate	Mid-Flood	M	5.4	15:33	7.17	7.88	23.88	29.24	2.59	8	103	0.24	W
S3	20190911	Sunny	Moderate	Mid-Flood	M	5.4	15:33	7.14	8.08	23.62	29.32	2.9	6	103	0.233	W
S3	20190911	Sunny	Moderate	Mid-Flood	S	1	15:34	7.07	8.11	23.39	29.3	2.78	7	103	0.29	W
S3	20190911	Sunny	Moderate	Mid-Flood	S	1	15:34	6.67	7.86	23.4	29.32	3.16	7	103	0.246	W
B1	20190913	Sunny	Moderate	Mid-Ebb	B	3.5	10:37	6.99	8.22	28.37	28.99	2.65	5	104	0.149	S
B1	20190913	Sunny	Moderate	Mid-Ebb	B	3.5	10:37	7.1	8.03	28.28	28.77	2.62	6	104	0.203	E
B1	20190913	Sunny	Moderate	Mid-Ebb	S	1	10:38	6.74	8.12	28.16	28.99	3.13	4	104	0.16	S
B1	20190913	Sunny	Moderate	Mid-Ebb	S	1	10:38	6.43	8.12	28.7	28.83	3.03	5	104	0.175	S
B2	20190913	Sunny	Moderate	Mid-Ebb	B	4.3	10:59	6.82	8.17	28.86	29.04	2.47	4	105	0.13	SE
B2	20190913	Sunny	Moderate	Mid-Ebb	B	4.3	10:59	6.69	8.03	28.49	28.78	2.79	3	103	0.127	SE
B2	20190913	Sunny	Moderate	Mid-Ebb	S	1	11:00	6.94	8.2	28.48	28.8	3.06	2	104	0.238	S
B2	20190913	Sunny	Moderate	Mid-Ebb	S	1	11:00	6.63	8.26	28.17	28.87	3.19	3	105	0.089	S

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	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	20190913	Sunny	Moderate	Mid-Ebb	B	3.8	12:37	7.12	8.12	28.54	29.95	2.88	4	104	0.173	S
B3	20190913	Sunny	Moderate	Mid-Ebb	B	3.8	12:37	6.89	8.03	28.58	29.83	2.64	4	105	0.114	SE
B3	20190913	Sunny	Moderate	Mid-Ebb	S	1	12:38	7.01	8.24	28.1	29.95	2.79	5	105	0.207	SE
B3	20190913	Sunny	Moderate	Mid-Ebb	S	1	12:38	6.74	8.22	28.37	29.81	3.09	4	104	0.084	E
B4	20190913	Sunny	Moderate	Mid-Ebb	B	4.1	12:47	6.46	8.19	28.14	29.99	2.51	4	105	0.094	S
B4	20190913	Sunny	Moderate	Mid-Ebb	B	4.1	12:47	7.07	8.14	28.23	29.92	2.71	4	104	0.129	E
B4	20190913	Sunny	Moderate	Mid-Ebb	S	1	12:48	6.98	8.11	28.24	29.72	2.76	<2	105	0.079	SE
B4	20190913	Sunny	Moderate	Mid-Ebb	S	1	12:48	6.43	8.05	28.86	29.69	3.09	2	105	0.184	E
C1A	20190913	Sunny	Moderate	Mid-Ebb	B	9.9	10:17	7.04	8.26	28.57	28.75	2.96	4	105	0.11	S
C1A	20190913	Sunny	Moderate	Mid-Ebb	B	9.9	10:17	6.59	8.2	28.29	28.83	2.63	3	107	0.088	S
C1A	20190913	Sunny	Moderate	Mid-Ebb	M	5.45	10:18	7.06	8.16	28.1	28.87	2.98	4	105	0.122	E
C1A	20190913	Sunny	Moderate	Mid-Ebb	M	5.45	10:18	6.97	8.26	28.27	28.74	2.61	4	105	0.193	S
C1A	20190913	Sunny	Moderate	Mid-Ebb	S	1	10:19	6.8	8.11	28.48	28.74	2.72	6	105	0.097	E
C1A	20190913	Sunny	Moderate	Mid-Ebb	S	1	10:19	6.84	8.12	28.44	28.87	2.71	5	105	0.106	SE
C2A	20190913	Sunny	Moderate	Mid-Ebb	B	11.4	10:54	6.96	8.2	28.15	29.01	2.73	5	105	0.109	SE
C2A	20190913	Sunny	Moderate	Mid-Ebb	B	11.4	10:54	7.06	8.19	28.17	28.97	2.98	4	104	0.226	SE
C2A	20190913	Sunny	Moderate	Mid-Ebb	M	6.2	10:55	6.8	8.21	28.16	29.09	2.72	4	106	0.086	E
C2A	20190913	Sunny	Moderate	Mid-Ebb	M	6.2	10:55	6.71	8.25	28.73	29.09	2.82	4	104	0.144	E
C2A	20190913	Sunny	Moderate	Mid-Ebb	S	1	10:56	6.83	8.26	28.41	28.8	2.77	4	104	0.097	E
C2A	20190913	Sunny	Moderate	Mid-Ebb	S	1	10:56	6.45	8.24	28.62	28.87	2.85	4	104	0.099	S
CR1	20190913	Sunny	Moderate	Mid-Ebb	B	11.9	11:11	6.94	8.17	28.57	28.99	2.57	4	104	0.162	E
CR1	20190913	Sunny	Moderate	Mid-Ebb	B	11.9	11:11	6.47	8.06	28.85	28.87	2.49	3	104	0.219	S
CR1	20190913	Sunny	Moderate	Mid-Ebb	M	6.45	11:12	7.1	8.06	28.16	29.03	3.03	6	104	0.087	SE
CR1	20190913	Sunny	Moderate	Mid-Ebb	M	6.45	11:12	6.45	8.25	28.17	28.9	3.01	5	104	0.14	SE
CR1	20190913	Sunny	Moderate	Mid-Ebb	S	1	11:13	7.12	8.27	28.73	29.03	3.25	7	104	0.169	SE
CR1	20190913	Sunny	Moderate	Mid-Ebb	S	1	11:13	6.52	8.26	28.11	29.02	2.82	6	105	0.085	E
CR2	20190913	Sunny	Moderate	Mid-Ebb	B	11.2	11:38	6.89	8.09	28.16	29.18	2.66	3	105	0.242	S
CR2	20190913	Sunny	Moderate	Mid-Ebb	B	11.2	11:38	6.86	8.08	28.67	29.34	2.84	3	106	0.125	S
CR2	20190913	Sunny	Moderate	Mid-Ebb	M	6.1	11:39	6.64	8.2	28.38	29.33	2.65	2	104	0.086	S

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	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	20190913	Sunny	Moderate	Mid-Ebb	M	6.1	11:39	6.85	8.07	28.53	29.27	2.99	4	104	0.122	SE
CR2	20190913	Sunny	Moderate	Mid-Ebb	S	1	11:40	6.63	8.16	28.31	29.21	3.18	5	104	0.165	S
CR2	20190913	Sunny	Moderate	Mid-Ebb	S	1	11:40	6.92	8.28	28.66	29.37	2.93	6	104	0.215	E
F1A	20190913	Sunny	Moderate	Mid-Ebb	B	6.9	12:08	6.59	8.25	28.82	29.54	2.6	5	104	0.229	E
F1A	20190913	Sunny	Moderate	Mid-Ebb	B	6.9	12:08	7.06	8.22	28.81	29.51	2.72	5	105	0.145	S
F1A	20190913	Sunny	Moderate	Mid-Ebb	M	3.95	12:09	6.76	8.03	28.77	29.45	2.74	6	104	0.145	SE
F1A	20190913	Sunny	Moderate	Mid-Ebb	M	3.95	12:09	6.88	8.1	28.28	29.4	2.86	6	105	0.133	S
F1A	20190913	Sunny	Moderate	Mid-Ebb	S	1	12:10	6.71	8.25	28.53	29.39	2.78	6	105	0.25	S
F1A	20190913	Sunny	Moderate	Mid-Ebb	S	1	12:10	6.59	8.07	28.18	29.33	3.11	7	105	0.214	SE
H1	20190913	Sunny	Moderate	Mid-Ebb	B	7.9	12:19	6.58	8.15	28.33	29.57	2.82	7	104	0.201	S
H1	20190913	Sunny	Moderate	Mid-Ebb	B	7.9	12:19	6.82	8.27	28.32	29.31	2.7	6	104	0.162	SE
H1	20190913	Sunny	Moderate	Mid-Ebb	M	4.45	12:20	7.08	8.22	28.45	29.27	2.6	6	106	0.178	S
H1	20190913	Sunny	Moderate	Mid-Ebb	M	4.45	12:20	6.79	8.24	28.82	29.5	2.57	7	105	0.206	SE
H1	20190913	Sunny	Moderate	Mid-Ebb	S	1	12:21	6.76	8.28	28.54	29.32	2.72	13	105	0.104	S
H1	20190913	Sunny	Moderate	Mid-Ebb	S	1	12:21	6.58	8.05	28.21	29.39	3.05	13	105	0.225	E
M1	20190913	Sunny	Moderate	Mid-Ebb	B	8.5	12:39	7.08	8.09	28.11	29.49	2.63	4	103	0.152	S
M1	20190913	Sunny	Moderate	Mid-Ebb	B	8.5	12:39	6.94	8.12	28.84	29.55	2.81	5	104	0.108	SE
M1	20190913	Sunny	Moderate	Mid-Ebb	M	4.75	12:40	6.96	8.02	28.76	29.33	3.01	4	104	0.178	SE
M1	20190913	Sunny	Moderate	Mid-Ebb	M	4.75	12:40	6.59	8.13	28.65	29.28	3.03	5	104	0.205	SE
M1	20190913	Sunny	Moderate	Mid-Ebb	S	1	12:41	6.94	8.16	28.12	29.27	3.24	5	104	0.207	S
M1	20190913	Sunny	Moderate	Mid-Ebb	S	1	12:41	6.63	8.06	28.18	29.44	2.84	5	104	0.252	SE
S1	20190913	Sunny	Moderate	Mid-Ebb	B	4.2	10:47	7.02	8.28	28.85	28.69	2.87	4	104	0.169	SE
S1	20190913	Sunny	Moderate	Mid-Ebb	B	4.2	10:47	6.8	8.02	28.44	28.85	2.68	4	105	0.171	S
S1	20190913	Sunny	Moderate	Mid-Ebb	S	1	10:48	6.9	8	28.36	28.69	2.7	4	104	0.211	S
S1	20190913	Sunny	Moderate	Mid-Ebb	S	1	10:48	6.94	8.08	28.62	28.88	2.91	4	104	0.152	SE
S2A	20190913	Sunny	Moderate	Mid-Ebb	B	8.4	12:02	6.81	8.25	28.43	29.36	2.97	6	104	0.176	S
S2A	20190913	Sunny	Moderate	Mid-Ebb	B	8.4	12:02	6.54	8.19	28.65	29.38	2.96	6	105	0.097	SE
S2A	20190913	Sunny	Moderate	Mid-Ebb	M	4.7	12:03	6.53	8.16	28.55	29.42	2.86	4	104	0.237	SE
S2A	20190913	Sunny	Moderate	Mid-Ebb	M	4.7	12:03	6.83	8.11	28.51	29.27	2.79	4	104	0.162	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	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	20190913	Sunny	Moderate	Mid-Ebb	S	1	12:04	6.9	8.25	28.65	29.47	3.23	2	104	0.191	SE
S2A	20190913	Sunny	Moderate	Mid-Ebb	S	1	12:04	6.78	8.27	28.65	29.42	3.12	3	105	0.093	E
S3	20190913	Sunny	Moderate	Mid-Ebb	B	10.3	11:27	7.06	8.14	28.46	28.97	2.93	5	104	0.163	E
S3	20190913	Sunny	Moderate	Mid-Ebb	B	10.3	11:27	7.05	8.27	28.83	28.84	2.64	5	105	0.092	SE
S3	20190913	Sunny	Moderate	Mid-Ebb	M	5.65	11:28	7.03	8.23	28.84	29.02	2.93	6	104	0.249	SE
S3	20190913	Sunny	Moderate	Mid-Ebb	M	5.65	11:28	6.99	8.16	28.37	28.76	3.05	5	104	0.126	SE
S3	20190913	Sunny	Moderate	Mid-Ebb	S	1	11:29	6.6	8.18	28.65	29.04	2.94	7	104	0.24	SE
S3	20190913	Sunny	Moderate	Mid-Ebb	S	1	11:29	6.6	8.16	28.59	28.82	2.99	6	104	0.203	SE
B1	20190913	Sunny	Moderate	Mid-Flood	B	4.4	16:33	6.96	8	28.16	29.67	2.47	4	104	0.248	W
B1	20190913	Sunny	Moderate	Mid-Flood	B	4.4	16:33	7.34	8.11	27.32	29.71	2.49	4	105	0.262	SW
B1	20190913	Sunny	Moderate	Mid-Flood	S	1	16:34	7.15	7.86	27.68	29.6	2.79	4	104	0.134	W
B1	20190913	Sunny	Moderate	Mid-Flood	S	1	16:34	7.1	8.14	28.2	29.56	2.76	4	105	0.212	SW
B2	20190913	Sunny	Moderate	Mid-Flood	B	4	16:54	7.02	7.94	27.53	29.66	2.33	4	105	0.211	SW
B2	20190913	Sunny	Moderate	Mid-Flood	B	4	16:54	7.41	7.87	27.84	29.54	2.48	4	105	0.283	W
B2	20190913	Sunny	Moderate	Mid-Flood	S	1	16:55	6.95	8	28.11	29.7	2.93	5	104	0.122	W
B2	20190913	Sunny	Moderate	Mid-Flood	S	1	16:55	7.35	7.88	28.32	29.76	2.9	4	104	0.236	NW
B3	20190913	Sunny	Moderate	Mid-Flood	B	3.8	17:39	6.99	8.13	27.93	29.6	2.99	5	104	0.184	SW
B3	20190913	Sunny	Moderate	Mid-Flood	B	3.8	17:39	7.49	7.98	28.04	29.68	2.86	4	104	0.279	W
B3	20190913	Sunny	Moderate	Mid-Flood	S	1	17:40	7.29	7.93	27.82	29.79	3.33	7	107	0.13	SW
B3	20190913	Sunny	Moderate	Mid-Flood	S	1	17:40	6.99	8.11	27.3	29.61	3.45	6	105	0.206	NW
B4	20190913	Sunny	Moderate	Mid-Flood	B	3.7	17:49	7.41	7.94	27.74	29.67	2.97	6	105	0.165	W
B4	20190913	Sunny	Moderate	Mid-Flood	B	3.7	17:49	6.93	7.94	27.32	29.53	2.98	5	105	0.165	W
B4	20190913	Sunny	Moderate	Mid-Flood	S	1	17:50	7.2	7.87	27.23	29.52	2.77	4	104	0.154	W
B4	20190913	Sunny	Moderate	Mid-Flood	S	1	17:50	6.83	7.93	28.24	29.67	2.83	5	105	0.219	W
C1A	20190913	Sunny	Moderate	Mid-Flood	B	10.2	16:08	7.41	7.94	27.44	29.55	2.79	6	104	0.184	W
C1A	20190913	Sunny	Moderate	Mid-Flood	B	10.2	16:08	7.3	7.99	27.7	29.81	2.6	6	105	0.27	W
C1A	20190913	Sunny	Moderate	Mid-Flood	M	5.6	16:09	6.9	7.96	27.44	29.76	2.68	4	105	0.185	W
C1A	20190913	Sunny	Moderate	Mid-Flood	M	5.6	16:09	7.02	8.1	28.25	29.56	2.9	4	104	0.192	SW
C1A	20190913	Sunny	Moderate	Mid-Flood	S	1	16:10	7.09	8.13	28.32	29.89	3.02	4	104	0.183	SW

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	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	20190913	Sunny	Moderate	Mid-Flood	S	1	16:10	7.27	8.06	27.49	29.73	3.13	4	103	0.233	W
C2A	20190913	Sunny	Moderate	Mid-Flood	B	10.5	15:56	6.88	8.07	27.79	29.79	2.77	5	104	0.262	W
C2A	20190913	Sunny	Moderate	Mid-Flood	B	10.5	15:56	7.16	8.12	28.13	29.68	2.85	5	104	0.232	W
C2A	20190913	Sunny	Moderate	Mid-Flood	M	5.75	15:57	7.36	7.93	27.96	29.6	2.7	5	106	0.266	W
C2A	20190913	Sunny	Moderate	Mid-Flood	M	5.75	15:57	7.01	7.89	28.18	29.83	2.6	5	104	0.252	W
C2A	20190913	Sunny	Moderate	Mid-Flood	S	1	15:58	7.41	8.14	28.34	29.75	3.25	5	104	0.155	W
C2A	20190913	Sunny	Moderate	Mid-Flood	S	1	15:58	7.38	8.1	28.19	29.6	3.21	4	104	0.245	W
CR1	20190913	Sunny	Moderate	Mid-Flood	B	11.8	16:13	7.41	8.1	27.26	29.67	2.58	8	105	0.184	W
CR1	20190913	Sunny	Moderate	Mid-Flood	B	11.8	16:13	6.97	7.94	27.46	29.87	2.53	8	104	0.195	W
CR1	20190913	Sunny	Moderate	Mid-Flood	M	6.4	16:14	7.33	7.85	28.21	29.55	2.94	5	104	0.258	W
CR1	20190913	Sunny	Moderate	Mid-Flood	M	6.4	16:14	7.31	7.88	27.99	29.59	2.65	6	104	0.204	W
CR1	20190913	Sunny	Moderate	Mid-Flood	S	1	16:15	7.3	7.96	27.63	29.66	2.85	4	105	0.212	W
CR1	20190913	Sunny	Moderate	Mid-Flood	S	1	16:15	7.12	7.95	28.02	29.8	2.8	4	104	0.168	W
CR2	20190913	Sunny	Moderate	Mid-Flood	B	10.9	16:40	6.99	7.98	28.22	29.74	2.52	4	103	0.155	W
CR2	20190913	Sunny	Moderate	Mid-Flood	B	10.9	16:40	6.99	8.04	27.87	29.66	2.49	4	105	0.257	W
CR2	20190913	Sunny	Moderate	Mid-Flood	M	5.95	16:41	6.81	8	28.2	29.54	3.05	6	104	0.242	SW
CR2	20190913	Sunny	Moderate	Mid-Flood	M	5.95	16:41	7.08	8.14	28.04	29.57	3.13	7	104	0.27	W
CR2	20190913	Sunny	Moderate	Mid-Flood	S	1	16:42	7.06	7.94	27.64	29.77	2.74	6	104	0.138	W
CR2	20190913	Sunny	Moderate	Mid-Flood	S	1	16:42	7.06	7.85	27.78	29.65	3.13	8	104	0.181	NW
F1A	20190913	Sunny	Moderate	Mid-Flood	B	6.6	18:01	6.93	7.91	27.42	29.35	2.4	5	105	0.122	W
F1A	20190913	Sunny	Moderate	Mid-Flood	B	6.6	18:01	6.96	7.91	27.85	29.5	2.54	5	105	0.259	W
F1A	20190913	Sunny	Moderate	Mid-Flood	M	3.8	18:02	7.06	8.1	27.74	29.34	2.92	6	105	0.242	W
F1A	20190913	Sunny	Moderate	Mid-Flood	M	3.8	18:02	7.22	8.06	28.18	29.51	2.56	5	106	0.167	W
F1A	20190913	Sunny	Moderate	Mid-Flood	S	1	18:03	7.31	8.03	27.71	29.47	2.88	7	104	0.274	NW
F1A	20190913	Sunny	Moderate	Mid-Flood	S	1	18:03	7.36	8.02	27.75	29.32	3.18	7	104	0.218	W
H1	20190913	Sunny	Moderate	Mid-Flood	B	7.1	17:21	7.29	8.06	27.98	29.58	2.53	4	104	0.174	W
H1	20190913	Sunny	Moderate	Mid-Flood	B	7.1	17:21	7.4	8	27.49	29.65	2.45	5	104	0.184	W
H1	20190913	Sunny	Moderate	Mid-Flood	M	4.05	17:22	7.49	8.06	28.34	29.58	2.57	5	104	0.189	NW
H1	20190913	Sunny	Moderate	Mid-Flood	M	4.05	17:22	7.05	8.09	28.36	29.62	3.1	4	104	0.145	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	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	20190913	Sunny	Moderate	Mid-Flood	S	1	17:23	6.84	7.87	27.94	29.59	3.11	4	104	0.135	SW
H1	20190913	Sunny	Moderate	Mid-Flood	S	1	17:23	6.88	8.13	28.17	29.53	2.86	5	103	0.236	W
M1	20190913	Sunny	Moderate	Mid-Flood	B	6.5	18:29	7.12	8.06	27.95	29.34	2.89	5	104	0.253	NW
M1	20190913	Sunny	Moderate	Mid-Flood	B	6.5	18:29	6.89	7.87	27.33	29.35	2.48	6	104	0.159	W
M1	20190913	Sunny	Moderate	Mid-Flood	M	3.75	18:30	7.09	8.06	27.48	29.43	2.77	5	104	0.248	SW
M1	20190913	Sunny	Moderate	Mid-Flood	M	3.75	18:30	7.14	8.12	27.88	29.49	2.9	5	104	0.14	W
M1	20190913	Sunny	Moderate	Mid-Flood	S	1	18:31	7.39	8.12	28.33	29.41	2.88	4	104	0.146	SW
M1	20190913	Sunny	Moderate	Mid-Flood	S	1	18:31	7.4	7.87	28.34	29.42	2.78	3	104	0.133	SW
S1	20190913	Sunny	Moderate	Mid-Flood	B	4.3	16:44	7.34	7.9	27.48	29.52	2.72	4	104	0.139	NW
S1	20190913	Sunny	Moderate	Mid-Flood	B	4.3	16:44	7.4	8.04	28.01	29.6	2.56	4	104	0.278	W
S1	20190913	Sunny	Moderate	Mid-Flood	S	1	16:45	6.86	8.13	27.43	29.69	2.96	4	103	0.143	W
S1	20190913	Sunny	Moderate	Mid-Flood	S	1	16:45	6.91	7.92	27.45	29.52	3.13	3	104	0.147	W
S2A	20190913	Sunny	Moderate	Mid-Flood	B	8.4	17:03	7.18	8	28.26	29.62	2.63	3	104	0.154	SW
S2A	20190913	Sunny	Moderate	Mid-Flood	B	8.4	17:03	7.41	8.08	28.24	29.54	2.55	3	105	0.197	NW
S2A	20190913	Sunny	Moderate	Mid-Flood	M	4.7	17:04	7.27	7.85	27.74	29.53	2.91	4	103	0.174	W
S2A	20190913	Sunny	Moderate	Mid-Flood	M	4.7	17:04	7.4	8.13	27.81	29.7	2.55	3	104	0.285	W
S2A	20190913	Sunny	Moderate	Mid-Flood	S	1	17:05	7.11	8.04	28.34	29.54	3.26	3	103	0.258	W
S2A	20190913	Sunny	Moderate	Mid-Flood	S	1	17:05	7.36	8.1	27.44	29.54	3.25	3	104	0.133	SW
S3	20190913	Sunny	Moderate	Mid-Flood	B	8.7	16:28	7.46	8.03	28.22	29.75	2.6	4	103	0.286	NW
S3	20190913	Sunny	Moderate	Mid-Flood	B	8.7	16:28	6.8	8.12	28.19	29.79	2.35	5	105	0.13	W
S3	20190913	Sunny	Moderate	Mid-Flood	M	4.85	16:29	7.01	8	28.2	29.65	3.09	5	104	0.236	W
S3	20190913	Sunny	Moderate	Mid-Flood	M	4.85	16:29	7.28	7.94	27.55	29.58	2.72	5	104	0.143	SW
S3	20190913	Sunny	Moderate	Mid-Flood	S	1	16:30	7.15	7.98	28.34	29.67	3.08	6	103	0.243	SW
S3	20190913	Sunny	Moderate	Mid-Flood	S	1	16:30	6.92	7.97	28.39	29.64	3.26	6	104	0.139	NW
B1	20190916	Sunny	Moderate	Mid-Flood	B	4	8:24	6.56	7.96	27.36	27.71	2.68	8	105	0.193	W
B1	20190916	Sunny	Moderate	Mid-Flood	B	4	8:24	7.01	8.09	27.74	27.64	2.89	7	105	0.221	W
B1	20190916	Sunny	Moderate	Mid-Flood	S	1	8:25	6.64	8.14	27.69	27.57	2.73	6	105	0.185	NW
B1	20190916	Sunny	Moderate	Mid-Flood	S	1	8:25	6.8	7.94	27.79	27.71	2.96	6	106	0.141	W
B2	20190916	Sunny	Moderate	Mid-Flood	B	4	8:45	6.89	8.06	27.46	27.77	2.32	6	105	0.244	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	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	20190916	Sunny	Moderate	Mid-Flood	B	4	8:45	6.55	7.93	27.94	27.49	2.54	7	105	0.161	W
B2	20190916	Sunny	Moderate	Mid-Flood	S	1	8:46	7.02	7.91	27.55	27.53	2.87	8	108	0.272	NW
B2	20190916	Sunny	Moderate	Mid-Flood	S	1	8:46	6.75	7.89	27.66	27.67	3.18	8	106	0.144	W
B3	20190916	Sunny	Moderate	Mid-Flood	B	3.8	9:38	6.96	8.09	27.72	28.46	2.63	9	106	0.279	W
B3	20190916	Sunny	Moderate	Mid-Flood	B	3.8	9:38	6.58	8.13	27.77	28.44	2.54	8	106	0.204	SW
B3	20190916	Sunny	Moderate	Mid-Flood	S	1	9:39	6.67	7.87	27.64	28.28	2.77	6	105	0.29	SW
B3	20190916	Sunny	Moderate	Mid-Flood	S	1	9:39	6.64	8.12	27.46	28.3	3.12	5	106	0.235	SW
B4	20190916	Sunny	Moderate	Mid-Flood	B	3.8	9:49	6.58	7.87	27.73	28.3	2.45	7	106	0.141	SW
B4	20190916	Sunny	Moderate	Mid-Flood	B	3.8	9:49	6.96	7.91	27.75	28.49	2.67	8	106	0.284	SW
B4	20190916	Sunny	Moderate	Mid-Flood	S	1	9:50	6.91	7.92	27.31	28.52	2.98	7	105	0.257	W
B4	20190916	Sunny	Moderate	Mid-Flood	S	1	9:50	6.75	7.96	27.91	28.46	2.78	7	106	0.199	SW
C1A	20190916	Sunny	Moderate	Mid-Flood	B	10.8	8:00	6.77	7.9	27.89	27.34	2.41	5	107	0.15	NW
C1A	20190916	Sunny	Moderate	Mid-Flood	B	10.8	8:00	6.6	8.05	27.75	27.59	2.86	5	105	0.288	NW
C1A	20190916	Sunny	Moderate	Mid-Flood	M	5.9	8:01	6.56	8.03	27.46	27.51	3.09	6	106	0.135	W
C1A	20190916	Sunny	Moderate	Mid-Flood	M	5.9	8:01	6.65	7.93	27.54	27.34	2.93	6	106	0.159	W
C1A	20190916	Sunny	Moderate	Mid-Flood	S	1	8:02	6.94	7.88	27.78	27.4	2.72	6	106	0.13	W
C1A	20190916	Sunny	Moderate	Mid-Flood	S	1	8:02	7	7.94	27.33	27.5	3.22	5	105	0.236	W
C2A	20190916	Sunny	Moderate	Mid-Flood	B	10.9	8:00	6.92	8.11	27.14	27.33	2.33	8	105	0.191	SW
C2A	20190916	Sunny	Moderate	Mid-Flood	B	10.9	8:00	6.66	8.13	27.89	27.33	2.55	7	106	0.198	W
C2A	20190916	Sunny	Moderate	Mid-Flood	M	5.95	8:01	6.52	7.89	27.46	27.5	3.07	7	104	0.225	W
C2A	20190916	Sunny	Moderate	Mid-Flood	M	5.95	8:01	6.85	8.03	27.97	27.51	3.13	8	106	0.174	SW
C2A	20190916	Sunny	Moderate	Mid-Flood	S	1	8:02	7.03	7.87	27.33	27.52	2.94	6	105	0.291	W
C2A	20190916	Sunny	Moderate	Mid-Flood	S	1	8:02	7.03	8.03	27.23	27.45	2.71	6	105	0.256	W
CR1	20190916	Sunny	Moderate	Mid-Flood	B	11.3	8:19	6.62	7.99	27.11	27.44	2.83	7	105	0.158	SW
CR1	20190916	Sunny	Moderate	Mid-Flood	B	11.3	8:19	6.51	8.08	27.69	27.42	2.53	8	105	0.269	W
CR1	20190916	Sunny	Moderate	Mid-Flood	M	6.15	8:20	6.58	7.88	27.36	27.7	3.02	11	106	0.192	NW
CR1	20190916	Sunny	Moderate	Mid-Flood	M	6.15	8:20	6.97	8.11	27.81	27.42	2.58	10	105	0.184	NW
CR1	20190916	Sunny	Moderate	Mid-Flood	S	1	8:21	6.52	7.88	27.25	27.42	3.15	9	105	0.196	W
CR1	20190916	Sunny	Moderate	Mid-Flood	S	1	8:21	6.51	8.03	27.18	27.57	2.98	10	106	0.156	SW

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 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	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	20190916	Sunny	Moderate	Mid-Flood	B	10.4	8:44	6.76	8.05	27.61	27.5	2.7	10	106	0.198	W
CR2	20190916	Sunny	Moderate	Mid-Flood	B	10.4	8:44	6.96	7.95	27.97	27.54	2.57	9	106	0.173	W
CR2	20190916	Sunny	Moderate	Mid-Flood	M	5.7	8:45	6.83	7.92	27.82	27.76	2.74	11	105	0.246	W
CR2	20190916	Sunny	Moderate	Mid-Flood	M	5.7	8:45	6.84	8.03	27.5	27.73	2.63	10	105	0.197	W
CR2	20190916	Sunny	Moderate	Mid-Flood	S	1	8:46	6.81	8.03	27.67	27.69	3.07	11	106	0.233	W
CR2	20190916	Sunny	Moderate	Mid-Flood	S	1	8:46	6.89	8.06	27.62	27.58	3.03	12	106	0.292	W
F1A	20190916	Sunny	Moderate	Mid-Flood	B	7.1	9:22	6.86	8.06	27.52	28.06	2.42	8	105	0.164	NW
F1A	20190916	Sunny	Moderate	Mid-Flood	B	7.1	9:22	6.62	7.87	27.34	28.04	2.77	7	104	0.29	SW
F1A	20190916	Sunny	Moderate	Mid-Flood	M	4.05	9:23	6.52	8.02	27.14	28.15	2.72	7	106	0.131	W
F1A	20190916	Sunny	Moderate	Mid-Flood	M	4.05	9:23	6.75	8.01	27.99	27.99	2.73	6	105	0.264	W
F1A	20190916	Sunny	Moderate	Mid-Flood	S	1	9:24	6.72	8.05	27.33	27.89	3.01	7	105	0.216	NW
F1A	20190916	Sunny	Moderate	Mid-Flood	S	1	9:24	7.01	7.91	27.9	28	3.16	6	104	0.165	W
H1	20190916	Sunny	Moderate	Mid-Flood	B	7.1	9:18	6.84	7.98	27.12	28.18	2.64	6	105	0.289	SW
H1	20190916	Sunny	Moderate	Mid-Flood	B	7.1	9:18	6.75	7.93	27.92	28.14	2.61	7	106	0.123	SW
H1	20190916	Sunny	Moderate	Mid-Flood	M	4.05	9:19	6.71	7.99	27.7	27.98	2.78	7	106	0.289	W
H1	20190916	Sunny	Moderate	Mid-Flood	M	4.05	9:19	6.93	8.08	27.35	28.01	3.06	8	105	0.25	W
H1	20190916	Sunny	Moderate	Mid-Flood	S	1	9:20	6.92	8	27.12	28.13	3.15	7	105	0.146	W
H1	20190916	Sunny	Moderate	Mid-Flood	S	1	9:20	6.91	8.08	27.41	27.97	2.99	8	106	0.267	W
M1	20190916	Sunny	Moderate	Mid-Flood	B	7.5	9:53	6.72	7.96	27.81	27.99	2.39	8	106	0.174	W
M1	20190916	Sunny	Moderate	Mid-Flood	B	7.5	9:53	6.62	8.01	27.66	28.36	2.91	7	106	0.29	W
M1	20190916	Sunny	Moderate	Mid-Flood	M	4.25	9:54	7	8.09	27.56	28.13	2.7	7	105	0.169	W
M1	20190916	Sunny	Moderate	Mid-Flood	M	4.25	9:54	6.89	8.08	27.47	28.15	3.11	8	106	0.217	SW
M1	20190916	Sunny	Moderate	Mid-Flood	S	1	9:55	6.95	7.96	27.55	28.39	2.94	6	106	0.124	SW
M1	20190916	Sunny	Moderate	Mid-Flood	S	1	9:55	6.89	8.07	27.86	28.28	2.86	6	105	0.201	W
S1	20190916	Sunny	Moderate	Mid-Flood	B	4.6	8:35	6.97	7.93	27.95	27.61	2.77	8	106	0.278	SW
S1	20190916	Sunny	Moderate	Mid-Flood	B	4.6	8:35	6.68	8.12	27.93	27.5	2.56	8	106	0.129	SW
S1	20190916	Sunny	Moderate	Mid-Flood	S	1	8:36	6.68	7.99	27.9	27.46	3.18	6	106	0.135	NW
S1	20190916	Sunny	Moderate	Mid-Flood	S	1	8:36	6.94	8.01	27.52	27.73	3.08	6	107	0.222	W
S2A	20190916	Sunny	Moderate	Mid-Flood	B	8.4	9:01	6.51	7.99	27.7	27.61	2.66	6	106	0.209	NW

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	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	20190916	Sunny	Moderate	Mid-Flood	B	8.4	9:01	6.55	7.98	27.66	27.82	2.56	7	105	0.28	NW
S2A	20190916	Sunny	Moderate	Mid-Flood	M	4.7	9:02	6.92	7.89	27.48	27.85	2.9	8	106	0.228	W
S2A	20190916	Sunny	Moderate	Mid-Flood	M	4.7	9:02	6.94	7.91	27.39	27.87	2.57	9	104	0.251	W
S2A	20190916	Sunny	Moderate	Mid-Flood	S	1	9:03	6.67	8.08	27.58	27.59	2.79	9	106	0.195	NW
S2A	20190916	Sunny	Moderate	Mid-Flood	S	1	9:03	6.93	7.98	27.55	27.74	3.02	8	106	0.122	W
S3	20190916	Sunny	Moderate	Mid-Flood	B	8.4	8:30	7.02	7.85	27.78	27.63	2.4	8	105	0.232	SW
S3	20190916	Sunny	Moderate	Mid-Flood	B	8.4	8:30	6.71	8.09	27.21	27.58	2.48	9	105	0.284	W
S3	20190916	Sunny	Moderate	Mid-Flood	M	4.7	8:31	7	7.89	27.65	27.76	2.76	9	106	0.138	W
S3	20190916	Sunny	Moderate	Mid-Flood	M	4.7	8:31	6.65	7.97	27.43	27.55	3.13	8	105	0.146	W
S3	20190916	Sunny	Moderate	Mid-Flood	S	1	8:32	6.69	8.06	27.31	27.55	2.92	6	106	0.192	W
S3	20190916	Sunny	Moderate	Mid-Flood	S	1	8:32	6.97	7.9	27.23	27.62	2.94	7	105	0.131	SW
B1	20190916	Sunny	Moderate	Mid-Ebb	B	4.1	12:23	6.54	8.17	27.21	30.47	2.86	9	105	0.164	SE
B1	20190916	Sunny	Moderate	Mid-Ebb	B	4.1	12:23	6.79	8.09	27.29	30.39	2.63	10	107	0.126	SE
B1	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:24	6.68	8.19	27.68	30.52	2.97	8	106	0.077	S
B1	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:24	6.9	8.17	27.76	30.38	3	8	105	0.099	SE
B2	20190916	Sunny	Moderate	Mid-Ebb	B	4.6	12:44	6.59	8.08	27.29	30.29	2.52	7	106	0.174	S
B2	20190916	Sunny	Moderate	Mid-Ebb	B	4.6	12:44	6.61	8.14	27.85	30.55	2.87	7	105	0.231	SE
B2	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:45	6.77	8.2	27.26	30.52	2.85	8	106	0.198	E
B2	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:45	6.76	8.08	27.23	30.46	2.92	7	106	0.216	SE
B3	20190916	Sunny	Moderate	Mid-Ebb	B	3.4	13:35	6.67	8.12	27.8	30.61	2.51	6	105	0.098	SE
B3	20190916	Sunny	Moderate	Mid-Ebb	B	3.4	13:35	6.72	8.2	27.69	30.56	2.62	5	105	0.226	SE
B3	20190916	Sunny	Moderate	Mid-Ebb	S	1	13:36	6.88	8.19	27.83	30.73	2.85	7	106	0.205	S
B3	20190916	Sunny	Moderate	Mid-Ebb	S	1	13:36	6.77	8.04	27.57	30.76	3.24	6	106	0.122	S
B4	20190916	Sunny	Moderate	Mid-Ebb	B	3.3	13:45	6.61	8.24	27.32	30.6	2.51	6	106	0.16	SE
B4	20190916	Sunny	Moderate	Mid-Ebb	B	3.3	13:45	6.64	8.11	27.64	30.73	2.47	6	106	0.088	SE
B4	20190916	Sunny	Moderate	Mid-Ebb	S	1	13:46	6.88	8.02	27.64	30.71	3.25	6	106	0.168	SE
B4	20190916	Sunny	Moderate	Mid-Ebb	S	1	13:46	6.56	8.09	27.81	30.84	3.07	5	106	0.166	E
C1A	20190916	Sunny	Moderate	Mid-Ebb	B	8.8	11:56	6.7	8.19	27.46	30.02	2.72	6	106	0.251	SE
C1A	20190916	Sunny	Moderate	Mid-Ebb	B	8.8	11:56	6.86	8.03	27.52	30.33	2.79	7	108	0.199	E

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	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	20190916	Sunny	Moderate	Mid-Ebb	M	4.9	11:57	6.84	8.12	27.67	30.32	2.98	8	105	0.205	SE
C1A	20190916	Sunny	Moderate	Mid-Ebb	M	4.9	11:57	6.74	8.12	27.25	30.05	2.98	8	106	0.212	E
C1A	20190916	Sunny	Moderate	Mid-Ebb	S	1	11:58	6.8	8.09	27.47	30.35	2.94	7	106	0.19	E
C1A	20190916	Sunny	Moderate	Mid-Ebb	S	1	11:58	6.65	8.11	27.39	30.28	2.99	8	106	0.099	S
C2A	20190916	Sunny	Moderate	Mid-Ebb	B	10.9	12:13	6.56	8.15	27.62	30.42	2.84	6	106	0.229	S
C2A	20190916	Sunny	Moderate	Mid-Ebb	B	10.9	12:13	6.63	8.08	27.69	30.09	2.78	7	106	0.079	S
C2A	20190916	Sunny	Moderate	Mid-Ebb	M	5.95	12:14	6.61	8.1	27.76	30.38	2.97	8	106	0.216	S
C2A	20190916	Sunny	Moderate	Mid-Ebb	M	5.95	12:14	6.66	8.04	27.72	30.19	3.05	7	105	0.077	S
C2A	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:15	6.82	8.18	27.4	30.17	2.92	7	105	0.078	S
C2A	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:15	6.78	8.22	27.54	30.09	3	8	106	0.125	S
CR1	20190916	Sunny	Moderate	Mid-Ebb	B	12.4	12:35	6.71	8.07	27.82	30.08	2.62	5	105	0.142	S
CR1	20190916	Sunny	Moderate	Mid-Ebb	B	12.4	12:35	6.92	8.05	27.66	30.3	3.01	6	105	0.142	SE
CR1	20190916	Sunny	Moderate	Mid-Ebb	M	6.7	12:36	6.66	8.13	27.67	30.25	3.11	7	106	0.203	S
CR1	20190916	Sunny	Moderate	Mid-Ebb	M	6.7	12:36	6.56	8.21	27.28	30.16	2.78	7	105	0.099	SE
CR1	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:37	6.62	8.09	27.38	30.19	3.25	6	106	0.107	E
CR1	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:37	6.82	8.17	27.4	30.14	3.24	7	105	0.096	E
CR2	20190916	Sunny	Moderate	Mid-Ebb	B	10.5	12:57	6.53	8.07	27.34	30.13	2.64	5	105	0.088	E
CR2	20190916	Sunny	Moderate	Mid-Ebb	B	10.5	12:57	6.73	8.09	27.4	30.28	2.92	6	105	0.113	SE
CR2	20190916	Sunny	Moderate	Mid-Ebb	M	5.75	12:58	6.93	8.24	27.77	30.15	2.61	5	104	0.23	SE
CR2	20190916	Sunny	Moderate	Mid-Ebb	M	5.75	12:58	6.78	8.18	27.8	30.16	2.93	6	106	0.173	S
CR2	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:59	6.85	8.11	27.75	30.4	2.84	6	105	0.234	SE
CR2	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:59	6.55	8.08	27.34	30.18	2.9	7	105	0.243	S
F1A	20190916	Sunny	Moderate	Mid-Ebb	B	7.2	13:33	6.7	8.06	27.36	30.11	2.7	7	105	0.089	E
F1A	20190916	Sunny	Moderate	Mid-Ebb	B	7.2	13:33	6.82	8.11	27.56	30.14	2.5	8	106	0.134	E
F1A	20190916	Sunny	Moderate	Mid-Ebb	M	4.1	13:34	6.63	8.01	27.77	30.28	2.87	6	106	0.214	S
F1A	20190916	Sunny	Moderate	Mid-Ebb	M	4.1	13:34	6.83	8.12	27.25	30.41	3.04	7	105	0.144	SE
F1A	20190916	Sunny	Moderate	Mid-Ebb	S	1	13:35	6.66	8.02	27.4	30.32	2.78	8	106	0.125	SE
F1A	20190916	Sunny	Moderate	Mid-Ebb	S	1	13:35	6.67	8.13	27.77	30.17	3.19	8	106	0.237	SE
H1	20190916	Sunny	Moderate	Mid-Ebb	B	7.3	13:17	6.55	8.17	27.43	30.28	2.87	9	106	0.174	S

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	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	20190916	Sunny	Moderate	Mid-Ebb	B	7.3	13:17	6.68	8.07	27.44	30.53	2.86	8	106	0.224	SE
H1	20190916	Sunny	Moderate	Mid-Ebb	M	4.15	13:18	6.9	8.1	27.84	30.46	2.84	6	107	0.117	SE
H1	20190916	Sunny	Moderate	Mid-Ebb	M	4.15	13:18	6.63	8.18	27.46	30.49	3.06	6	105	0.209	S
H1	20190916	Sunny	Moderate	Mid-Ebb	S	1	13:19	6.83	8.15	27.58	30.27	2.78	6	105	0.218	SE
H1	20190916	Sunny	Moderate	Mid-Ebb	S	1	13:19	6.91	8.19	27.73	30.26	3	6	106	0.205	E
M1	20190916	Sunny	Moderate	Mid-Ebb	B	7.7	14:02	6.66	8.01	27.45	30.47	2.85	7	106	0.079	S
M1	20190916	Sunny	Moderate	Mid-Ebb	B	7.7	14:02	6.82	8.01	27.8	30.28	2.84	7	106	0.186	SE
M1	20190916	Sunny	Moderate	Mid-Ebb	M	4.35	14:03	6.91	8.1	27.57	30.3	3.06	5	105	0.243	S
M1	20190916	Sunny	Moderate	Mid-Ebb	M	4.35	14:03	6.9	8.01	27.58	30.42	2.97	6	106	0.119	E
M1	20190916	Sunny	Moderate	Mid-Ebb	S	1	14:04	6.87	8.02	27.34	30.3	2.77	6	106	0.083	SE
M1	20190916	Sunny	Moderate	Mid-Ebb	S	1	14:04	6.59	8.05	27.7	30.47	2.79	5	105	0.15	S
S1	20190916	Sunny	Moderate	Mid-Ebb	B	4.1	12:34	6.8	8.17	27.3	30.33	2.96	7	105	0.22	SE
S1	20190916	Sunny	Moderate	Mid-Ebb	B	4.1	12:34	6.63	8.24	27.73	30.37	2.45	8	105	0.118	SE
S1	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:35	6.62	8.24	27.37	30.41	3.17	11	105	0.182	SE
S1	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:35	6.64	8.09	27.31	30.3	3.26	11	105	0.119	SE
S2A	20190916	Sunny	Moderate	Mid-Ebb	B	8.2	13:00	6.83	8.21	27.21	30.71	2.43	8	105	0.176	S
S2A	20190916	Sunny	Moderate	Mid-Ebb	B	8.2	13:00	6.72	8.01	27.46	30.69	2.68	9	105	0.133	SE
S2A	20190916	Sunny	Moderate	Mid-Ebb	M	4.6	13:01	6.68	8.19	27.5	30.71	3.1	8	105	0.146	S
S2A	20190916	Sunny	Moderate	Mid-Ebb	M	4.6	13:01	6.63	8.13	27.56	30.45	3.04	8	105	0.099	S
S2A	20190916	Sunny	Moderate	Mid-Ebb	S	1	13:02	6.82	8.11	27.62	30.54	3.07	8	106	0.128	E
S2A	20190916	Sunny	Moderate	Mid-Ebb	S	1	13:02	6.53	8.04	27.72	30.65	3.1	7	106	0.173	E
S3	20190916	Sunny	Moderate	Mid-Ebb	B	9.2	12:47	6.64	8.23	27.34	30.18	2.48	6	105	0.217	SE
S3	20190916	Sunny	Moderate	Mid-Ebb	B	9.2	12:47	6.59	8.21	27.22	30.25	2.73	7	104	0.126	S
S3	20190916	Sunny	Moderate	Mid-Ebb	M	5.1	12:48	6.9	8.06	27.87	30.28	3.12	7	105	0.211	SE
S3	20190916	Sunny	Moderate	Mid-Ebb	M	5.1	12:48	6.87	8.08	27.47	30.13	2.73	6	106	0.085	SE
S3	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:49	6.85	8.17	27.65	30.25	2.79	8	106	0.09	S
S3	20190916	Sunny	Moderate	Mid-Ebb	S	1	12:49	6.9	8.11	27.9	30.37	3.09	7	105	0.191	S
B1	20190918	Sunny	Moderate	Mid-Flood	B	4.5	10:16	6.16	7.87	27.76	27.82	2.8	6	104	0.151	W
B1	20190918	Sunny	Moderate	Mid-Flood	B	4.5	10:16	6.52	8.07	27.67	28	2.65	8	105	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	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	20190918	Sunny	Moderate	Mid-Flood	S	1	10:17	6.23	7.92	27.79	28.02	2.93	7	105	0.17	NW
B1	20190918	Sunny	Moderate	Mid-Flood	S	1	10:17	6.12	7.85	27.39	27.99	2.73	8	105	0.127	W
B2	20190918	Sunny	Moderate	Mid-Flood	B	3.6	10:33	6.78	7.9	27.29	28.26	2.7	8	105	0.16	W
B2	20190918	Sunny	Moderate	Mid-Flood	B	3.6	10:33	6.75	7.96	27.45	28.24	2.72	7	104	0.165	W
B2	20190918	Sunny	Moderate	Mid-Flood	S	1	10:34	6.28	8.15	27.49	28.56	2.84	10	105	0.151	W
B2	20190918	Sunny	Moderate	Mid-Flood	S	1	10:34	6.73	8.15	27.79	28.55	2.7	9	104	0.278	W
B3	20190918	Sunny	Moderate	Mid-Flood	B	3.6	9:50	6.16	8.08	27.29	27.98	2.82	8	104	0.165	NW
B3	20190918	Sunny	Moderate	Mid-Flood	B	3.6	9:50	6.31	7.91	27.61	28.08	2.61	7	104	0.188	W
B3	20190918	Sunny	Moderate	Mid-Flood	S	1	9:51	6.69	8.15	27.83	28.29	3.23	7	104	0.18	W
B3	20190918	Sunny	Moderate	Mid-Flood	S	1	9:51	6.19	8.15	27.47	27.94	2.79	8	105	0.283	W
B4	20190918	Sunny	Moderate	Mid-Flood	B	3.9	10:00	6.42	7.91	27.43	28.22	2.86	9	104	0.287	W
B4	20190918	Sunny	Moderate	Mid-Flood	B	3.9	10:00	6.07	8.04	27.42	28.15	2.52	8	104	0.18	W
B4	20190918	Sunny	Moderate	Mid-Flood	S	1	10:01	6.59	8.03	27.3	27.98	2.68	8	105	0.145	NW
B4	20190918	Sunny	Moderate	Mid-Flood	S	1	10:01	6.29	8.05	27.48	28.19	2.87	7	104	0.267	SW
C1A	20190918	Sunny	Moderate	Mid-Flood	B	10.7	9:39	6.11	8	27.56	28.04	2.72	8	105	0.262	W
C1A	20190918	Sunny	Moderate	Mid-Flood	B	10.7	9:39	6.15	7.89	27.86	27.98	2.69	7	104	0.283	W
C1A	20190918	Sunny	Moderate	Mid-Flood	M	5.85	9:40	6.47	8.1	27.29	27.9	2.81	8	104	0.282	SW
C1A	20190918	Sunny	Moderate	Mid-Flood	M	5.85	9:40	6.21	7.9	27.84	28.14	2.65	7	106	0.283	SW
C1A	20190918	Sunny	Moderate	Mid-Flood	S	1	9:41	6.39	7.93	27.2	28.27	2.77	7	104	0.292	W
C1A	20190918	Sunny	Moderate	Mid-Flood	S	1	9:41	6.6	8.16	27.81	27.95	2.89	8	104	0.215	W
C2A	20190918	Sunny	Moderate	Mid-Flood	B	10	8:56	6.11	8.05	27.36	27.93	2.85	8	105	0.285	W
C2A	20190918	Sunny	Moderate	Mid-Flood	B	10	8:56	6.84	7.99	27.75	27.85	3.04	10	105	0.23	W
C2A	20190918	Sunny	Moderate	Mid-Flood	M	5.5	8:57	6.68	8	27.53	27.91	3.05	10	105	0.286	SW
C2A	20190918	Sunny	Moderate	Mid-Flood	M	5.5	8:57	6.84	8.12	27.81	27.88	3.21	9	105	0.126	SW
C2A	20190918	Sunny	Moderate	Mid-Flood	S	1	8:58	6.51	7.98	27.25	27.94	3.09	8	104	0.146	W
C2A	20190918	Sunny	Moderate	Mid-Flood	S	1	8:58	6.66	7.86	27.23	27.91	3.1	7	104	0.168	W
CR1	20190918	Sunny	Moderate	Mid-Flood	B	11.6	9:13	6.28	7.92	27.43	28.18	2.43	7	105	0.178	W
CR1	20190918	Sunny	Moderate	Mid-Flood	B	11.6	9:13	6.72	8.03	27.29	28.03	2.86	8	105	0.244	NW
CR1	20190918	Sunny	Moderate	Mid-Flood	M	6.3	9:14	6.79	7.97	27.28	27.9	2.97	8	105	0.257	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	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	20190918	Sunny	Moderate	Mid-Flood	M	6.3	9:14	6.48	8.01	27.7	27.8	3.13	9	105	0.256	W
CR1	20190918	Sunny	Moderate	Mid-Flood	S	1	9:15	6.33	7.95	27.81	27.79	2.67	8	105	0.176	W
CR1	20190918	Sunny	Moderate	Mid-Flood	S	1	9:15	6.79	8.08	27.72	28.14	2.97	9	104	0.28	W
CR2	20190918	Sunny	Moderate	Mid-Flood	B	9.1	10:09	6.18	8.08	27.83	28	2.52	8	105	0.176	W
CR2	20190918	Sunny	Moderate	Mid-Flood	B	9.1	10:09	6.35	7.93	27.48	27.91	2.39	7	105	0.262	NW
CR2	20190918	Sunny	Moderate	Mid-Flood	M	5.05	10:10	6.82	8.14	27.44	27.98	2.95	8	105	0.152	W
CR2	20190918	Sunny	Moderate	Mid-Flood	M	5.05	10:10	6.07	7.97	27.56	28.09	2.72	9	105	0.215	SW
CR2	20190918	Sunny	Moderate	Mid-Flood	S	1	10:11	6.97	8.11	27.83	27.92	3.11	9	104	0.187	NW
CR2	20190918	Sunny	Moderate	Mid-Flood	S	1	10:11	6.09	8.11	27.77	28.22	3.13	8	104	0.146	W
F1A	20190918	Sunny	Moderate	Mid-Flood	B	6.8	10:31	6.34	7.86	27.2	27.93	2.76	10	105	0.267	W
F1A	20190918	Sunny	Moderate	Mid-Flood	B	6.8	10:31	6.64	7.92	27.74	27.96	2.45	10	106	0.164	W
F1A	20190918	Sunny	Moderate	Mid-Flood	M	3.9	10:32	6.68	8.16	27.42	27.98	2.65	9	105	0.258	NW
F1A	20190918	Sunny	Moderate	Mid-Flood	M	3.9	10:32	6.82	7.92	27.8	27.94	3.05	10	105	0.137	W
F1A	20190918	Sunny	Moderate	Mid-Flood	S	1	10:33	6.13	8.15	27.66	28.68	2.99	10	105	0.138	NW
F1A	20190918	Sunny	Moderate	Mid-Flood	S	1	10:33	6.07	7.87	27.3	28.69	2.71	11	105	0.144	W
H1	20190918	Sunny	Moderate	Mid-Flood	B	7.6	9:33	6.9	7.9	27.82	28.1	2.86	6	105	0.272	W
H1	20190918	Sunny	Moderate	Mid-Flood	B	7.6	9:33	6.58	7.88	27.73	27.98	2.7	5	104	0.233	SW
H1	20190918	Sunny	Moderate	Mid-Flood	M	4.3	9:34	6.7	8.09	27.26	27.96	2.79	7	104	0.183	W
H1	20190918	Sunny	Moderate	Mid-Flood	M	4.3	9:34	6.78	7.86	27.44	27.93	2.77	8	104	0.255	SW
H1	20190918	Sunny	Moderate	Mid-Flood	S	1	9:35	6.14	8.1	27.45	28.28	3.07	8	104	0.179	W
H1	20190918	Sunny	Moderate	Mid-Flood	S	1	9:35	6.28	7.9	27.5	28.19	3.23	8	105	0.229	NW
M1	20190918	Sunny	Moderate	Mid-Flood	B	7.1	11:01	6.34	7.85	27.67	28.78	2.67	13	107	0.239	W
M1	20190918	Sunny	Moderate	Mid-Flood	B	7.1	11:01	6.64	8.04	27.37	28.68	2.35	12	106	0.205	W
M1	20190918	Sunny	Moderate	Mid-Flood	M	4.05	11:02	6.68	7.86	27.29	28.67	2.55	10	106	0.143	SW
M1	20190918	Sunny	Moderate	Mid-Flood	M	4.05	11:02	6.19	8.12	27.76	28.27	2.92	10	107	0.238	SW
M1	20190918	Sunny	Moderate	Mid-Flood	S	1	11:03	6.4	7.85	27.37	28.29	2.72	10	106	0.232	SW
M1	20190918	Sunny	Moderate	Mid-Flood	S	1	11:03	6.71	7.9	27.21	28.63	2.88	9	106	0.241	NW
S1	20190918	Sunny	Moderate	Mid-Flood	B	4.4	10:25	6.73	8.02	27.78	28.1	2.85	7	105	0.144	W
S1	20190918	Sunny	Moderate	Mid-Flood	B	4.4	10:25	6.28	8.03	27.62	28.21	2.37	7	105	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	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	20190918	Sunny	Moderate	Mid-Flood	S	1	10:26	6.24	7.89	27.38	28.19	3.07	6	105	0.245	W
S1	20190918	Sunny	Moderate	Mid-Flood	S	1	10:26	6.52	7.87	27.88	28.04	3.03	7	105	0.211	NW
S2A	20190918	Sunny	Moderate	Mid-Flood	B	8.2	10:48	6.08	7.86	27.79	28.18	2.47	8	105	0.156	W
S2A	20190918	Sunny	Moderate	Mid-Flood	B	8.2	10:48	6.73	8.08	27.86	28.08	2.51	9	104	0.211	W
S2A	20190918	Sunny	Moderate	Mid-Flood	M	4.6	10:49	6.5	8.13	27.67	28.12	3.05	8	105	0.171	SW
S2A	20190918	Sunny	Moderate	Mid-Flood	M	4.6	10:49	6.69	8.1	27.4	28.17	2.74	8	106	0.161	W
S2A	20190918	Sunny	Moderate	Mid-Flood	S	1	10:50	6.86	7.89	27.49	28.16	3.05	7	104	0.154	W
S2A	20190918	Sunny	Moderate	Mid-Flood	S	1	10:50	6.5	7.99	27.56	28.29	3.12	8	105	0.2	W
S3	20190918	Sunny	Moderate	Mid-Flood	B	9.3	11:20	6.36	7.94	27.71	28.81	2.74	7	105	0.226	W
S3	20190918	Sunny	Moderate	Mid-Flood	B	9.3	11:20	6.59	8.06	27.38	29.1	2.39	7	105	0.161	SW
S3	20190918	Sunny	Moderate	Mid-Flood	M	5.15	11:21	6.87	7.92	27.7	28.87	3.86	8	105	0.274	W
S3	20190918	Sunny	Moderate	Mid-Flood	M	5.15	11:21	6.09	8.02	27.31	29.1	3.77	8	105	0.201	W
S3	20190918	Sunny	Moderate	Mid-Flood	S	1	11:22	6.12	7.99	27.31	28.91	3.2	8	104	0.171	NW
S3	20190918	Sunny	Moderate	Mid-Flood	S	1	11:22	6.72	7.89	27.3	28.93	2.76	9	104	0.215	NW
B1	20190918	Sunny	Moderate	Mid-Ebb	B	4.2	13:17	6.15	8.18	27.17	30.65	2.83	8	106	0.184	S
B1	20190918	Sunny	Moderate	Mid-Ebb	B	4.2	13:17	6.98	8.03	27.47	30.39	2.79	9	106	0.153	S
B1	20190918	Sunny	Moderate	Mid-Ebb	S	1	13:18	6.19	8.01	27.65	30.89	2.82	12	107	0.109	E
B1	20190918	Sunny	Moderate	Mid-Ebb	S	1	13:18	7.03	7.92	27.82	30.88	3.05	11	106	0.087	S
B2	20190918	Sunny	Moderate	Mid-Ebb	B	4.3	13:34	6.79	8.1	27.93	30.29	2.54	9	106	0.116	S
B2	20190918	Sunny	Moderate	Mid-Ebb	B	4.3	13:34	7.04	7.89	27.89	30.53	2.64	10	106	0.09	S
B2	20190918	Sunny	Moderate	Mid-Ebb	S	1	13:35	6.99	8.24	27.72	30.74	3.24	11	106	0.208	S
B2	20190918	Sunny	Moderate	Mid-Ebb	S	1	13:35	6.43	8.14	27.53	30.22	3.14	10	107	0.098	E
B3	20190918	Sunny	Moderate	Mid-Ebb	B	3.4	14:00	6.81	8.18	27.55	30.65	2.52	9	106	0.187	S
B3	20190918	Sunny	Moderate	Mid-Ebb	B	3.4	14:00	6.72	8.08	27.48	30.81	2.88	10	107	0.104	SE
B3	20190918	Sunny	Moderate	Mid-Ebb	S	1	14:01	6.78	7.94	27.42	30.83	2.93	7	107	0.164	E
B3	20190918	Sunny	Moderate	Mid-Ebb	S	1	14:01	6.17	8.22	27.61	30.72	3.26	8	107	0.13	SE
B4	20190918	Sunny	Moderate	Mid-Ebb	B	3.6	14:13	6.22	8.02	27.12	30.83	2.55	14	107	0.202	SE
B4	20190918	Sunny	Moderate	Mid-Ebb	B	3.6	14:13	6.55	8.23	27.67	30.49	2.74	12	106	0.245	E
B4	20190918	Sunny	Moderate	Mid-Ebb	S	1	14:14	7.03	8.06	27.49	30.58	2.8	14	106	0.158	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	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	20190918	Sunny	Moderate	Mid-Ebb	S	1	14:14	6.41	8.16	27.48	30.9	2.76	16	106	0.203	E
C1A	20190918	Sunny	Moderate	Mid-Ebb	B	8.3	12:51	6.66	8.16	27.39	30.52	2.5	5	106	0.139	SE
C1A	20190918	Sunny	Moderate	Mid-Ebb	B	8.3	12:51	6.75	7.84	27.64	30.42	2.7	5	106	0.076	S
C1A	20190918	Sunny	Moderate	Mid-Ebb	M	4.65	12:52	6.96	8.02	27.81	30.22	2.72	8	106	0.246	E
C1A	20190918	Sunny	Moderate	Mid-Ebb	M	4.65	12:52	6.41	8.15	27.82	30.65	2.95	8	106	0.17	SE
C1A	20190918	Sunny	Moderate	Mid-Ebb	S	1	12:53	6.19	7.82	27.57	30.43	2.76	8	106	0.154	S
C1A	20190918	Sunny	Moderate	Mid-Ebb	S	1	12:53	6.15	8.09	27.9	30.24	2.9	6	107	0.123	SE
C2A	20190918	Sunny	Moderate	Mid-Ebb	B	10.7	14:04	6.64	7.93	27.21	30.42	2.91	6	106	0.198	S
C2A	20190918	Sunny	Moderate	Mid-Ebb	B	10.7	14:04	7.03	7.83	27.35	30.88	2.7	7	107	0.238	E
C2A	20190918	Sunny	Moderate	Mid-Ebb	M	5.85	14:05	6.64	7.92	27.79	30.74	2.78	8	106	0.174	SE
C2A	20190918	Sunny	Moderate	Mid-Ebb	M	5.85	14:05	6.62	8.01	27.45	30.62	3.07	7	106	0.177	SE
C2A	20190918	Sunny	Moderate	Mid-Ebb	S	1	14:06	6.69	8.08	28.02	30.46	2.92	8	106	0.163	SE
C2A	20190918	Sunny	Moderate	Mid-Ebb	S	1	14:06	6.35	7.8	27.46	30.57	3.11	7	106	0.079	SE
CR1	20190918	Sunny	Moderate	Mid-Ebb	B	12.5	13:25	6.63	8.15	27.27	30.65	2.57	8	105	0.183	E
CR1	20190918	Sunny	Moderate	Mid-Ebb	B	12.5	13:25	6.84	7.85	27.64	30.26	2.56	8	105	0.203	S
CR1	20190918	Sunny	Moderate	Mid-Ebb	M	6.75	13:26	6.67	8.16	27.93	30.33	2.56	8	105	0.094	SE
CR1	20190918	Sunny	Moderate	Mid-Ebb	M	6.75	13:26	6.18	8.13	27.55	30.26	2.79	8	106	0.194	S
CR1	20190918	Sunny	Moderate	Mid-Ebb	S	1	13:27	6.71	8.18	27.45	30.62	2.74	8	106	0.199	S
CR1	20190918	Sunny	Moderate	Mid-Ebb	S	1	13:27	6.32	7.95	27.7	30.47	3.08	7	106	0.163	SE
CR2	20190918	Sunny	Moderate	Mid-Ebb	B	9.2	14:08	6.65	8.16	27.75	30.74	2.47	7	105	0.186	S
CR2	20190918	Sunny	Moderate	Mid-Ebb	B	9.2	14:08	6.85	8.03	27.87	30.41	2.76	7	105	0.103	S
CR2	20190918	Sunny	Moderate	Mid-Ebb	M	5.1	14:09	6.7	7.98	27.23	30.84	2.83	8	106	0.126	SE
CR2	20190918	Sunny	Moderate	Mid-Ebb	M	5.1	14:09	6.42	7.82	27.7	30.89	2.83	7	106	0.147	S
CR2	20190918	Sunny	Moderate	Mid-Ebb	S	1	14:10	6.47	7.83	27.86	30.76	2.8	7	105	0.184	S
CR2	20190918	Sunny	Moderate	Mid-Ebb	S	1	14:10	6.55	8	27.1	30.85	2.84	8	106	0.102	S
F1A	20190918	Sunny	Moderate	Mid-Ebb	B	7.6	14:41	7.06	7.9	27.33	30.5	2.87	7	105	0.118	S
F1A	20190918	Sunny	Moderate	Mid-Ebb	B	7.6	14:41	6.81	8.13	27.28	30.55	2.49	7	106	0.167	SE
F1A	20190918	Sunny	Moderate	Mid-Ebb	M	4.3	14:42	6.8	7.85	27.34	30.38	3.09	7	107	0.088	E
F1A	20190918	Sunny	Moderate	Mid-Ebb	M	4.3	14:42	6.62	7.83	27.43	30.25	2.89	8	106	0.119	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	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	20190918	Sunny	Moderate	Mid-Ebb	S	1	14:43	6.56	8.13	27.31	30.56	2.75	9	106	0.107	SE
F1A	20190918	Sunny	Moderate	Mid-Ebb	S	1	14:43	6.88	8.12	27.61	30.34	3.14	8	106	0.153	SE
H1	20190918	Sunny	Moderate	Mid-Ebb	B	7.9	13:42	6.87	7.89	27.98	30.57	2.99	7	107	0.19	SE
H1	20190918	Sunny	Moderate	Mid-Ebb	B	7.9	13:42	6.62	8.04	27.62	30.75	2.78	8	106	0.251	SE
H1	20190918	Sunny	Moderate	Mid-Ebb	M	4.45	13:43	6.46	8	28	30.78	2.56	7	107	0.244	S
H1	20190918	Sunny	Moderate	Mid-Ebb	M	4.45	13:43	6.55	8.22	27.21	30.88	3.13	8	106	0.112	E
H1	20190918	Sunny	Moderate	Mid-Ebb	S	1	13:44	6.33	8.06	27.32	30.87	3.18	16	106	0.184	SE
H1	20190918	Sunny	Moderate	Mid-Ebb	S	1	13:44	6.25	7.85	27.78	30.41	3.21	15	106	0.124	SE
M1	20190918	Sunny	Moderate	Mid-Ebb	B	8.2	15:12	6.18	8.14	27.83	30.28	2.77	9	105	0.098	SE
M1	20190918	Sunny	Moderate	Mid-Ebb	B	8.2	15:12	6.66	8.06	27.84	30.26	2.68	8	106	0.177	E
M1	20190918	Sunny	Moderate	Mid-Ebb	M	4.6	15:13	6.18	8.18	27.84	30.48	2.7	8	104	0.23	S
M1	20190918	Sunny	Moderate	Mid-Ebb	M	4.6	15:13	6.75	8.02	27.57	30.28	2.67	9	106	0.218	S
M1	20190918	Sunny	Moderate	Mid-Ebb	S	1	15:14	6.88	8.15	27.21	30.51	3.13	7	106	0.095	SE
M1	20190918	Sunny	Moderate	Mid-Ebb	S	1	15:14	6.52	8.21	27.19	30.13	3.14	8	105	0.137	SE
S1	20190918	Sunny	Moderate	Mid-Ebb	B	4.4	13:26	6.99	8.24	27.66	30.24	2.86	7	105	0.146	SE
S1	20190918	Sunny	Moderate	Mid-Ebb	B	4.4	13:26	6.71	8.09	27.56	30.62	2.8	6	105	0.168	E
S1	20190918	Sunny	Moderate	Mid-Ebb	S	1	13:27	7.01	8.19	27.11	30.8	2.92	7	105	0.08	SE
S1	20190918	Sunny	Moderate	Mid-Ebb	S	1	13:27	6.2	8.13	27.75	30.78	2.86	6	105	0.207	S
S2A	20190918	Sunny	Moderate	Mid-Ebb	B	7.9	13:49	6.23	7.81	27.64	30.89	2.46	7	105	0.093	SE
S2A	20190918	Sunny	Moderate	Mid-Ebb	B	7.9	13:49	7.05	8.18	27.67	30.47	3.01	6	105	0.229	S
S2A	20190918	Sunny	Moderate	Mid-Ebb	M	4.45	13:50	6.57	7.87	27.7	30.55	2.78	5	105	0.158	S
S2A	20190918	Sunny	Moderate	Mid-Ebb	M	4.45	13:50	6.53	7.87	27.67	30.42	2.97	6	105	0.231	SE
S2A	20190918	Sunny	Moderate	Mid-Ebb	S	1	13:51	6.13	8.02	27.68	30.72	2.68	6	105	0.189	SE
S2A	20190918	Sunny	Moderate	Mid-Ebb	S	1	13:51	6.43	8.17	27.14	30.42	3.08	6	105	0.231	SE
S3	20190918	Sunny	Moderate	Mid-Ebb	B	10.6	14:21	6.33	8.01	28	30.49	2.98	12	105	0.153	SE
S3	20190918	Sunny	Moderate	Mid-Ebb	B	10.6	14:21	6.51	8.19	27.22	30.31	2.81	13	106	0.216	E
S3	20190918	Sunny	Moderate	Mid-Ebb	M	5.8	14:22	6.79	7.85	27.42	30.44	3.07	8	105	0.111	S
S3	20190918	Sunny	Moderate	Mid-Ebb	M	5.8	14:22	6.58	8.16	28	30.41	2.71	7	104	0.202	SE
S3	20190918	Sunny	Moderate	Mid-Ebb	S	1	14:23	6.19	7.9	27.34	30.33	2.95	6	106	0.208	S

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	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	20190918	Sunny	Moderate	Mid-Ebb	S	1	14:23	6.8	7.9	27.93	30.53	2.69	7	106	0.224	SE
B1	20190920	Sunny	Moderate	Mid-Flood	B	3.8	10:34	6.81	8.08	27.26	27.96	2.44	11	107	0.269	SW
B1	20190920	Sunny	Moderate	Mid-Flood	B	3.8	10:34	6.7	8.04	27.75	28.15	2.73	10	107	0.284	SW
B1	20190920	Sunny	Moderate	Mid-Flood	S	1	10:35	6.44	8.19	27.7	28.11	2.67	8	106	0.253	W
B1	20190920	Sunny	Moderate	Mid-Flood	S	1	10:35	6.1	8.18	27.76	28.16	3.02	9	106	0.187	SW
B2	20190920	Sunny	Moderate	Mid-Flood	B	3.7	10:54	6.68	8.23	27.04	27.98	2.36	13	107	0.279	W
B2	20190920	Sunny	Moderate	Mid-Flood	B	3.7	10:54	6.09	8.25	27.86	27.87	2.72	12	107	0.219	W
B2	20190920	Sunny	Moderate	Mid-Flood	S	1	10:55	6.08	7.98	27.16	28.3	3.18	8	107	0.15	SW
B2	20190920	Sunny	Moderate	Mid-Flood	S	1	10:55	6.26	8.1	27.08	28.26	3.08	8	106	0.25	NW
B3	20190920	Sunny	Moderate	Mid-Flood	B	3.5	9:37	6.18	8.2	27.19	28.16	2.55	8	108	0.215	NW
B3	20190920	Sunny	Moderate	Mid-Flood	B	3.5	9:37	6.17	8.15	27.39	28.11	2.69	9	108	0.15	NW
B3	20190920	Sunny	Moderate	Mid-Flood	S	1	9:38	6.16	7.98	27.01	27.82	3.23	14	107	0.207	NW
B3	20190920	Sunny	Moderate	Mid-Flood	S	1	9:38	6.15	8.02	27.26	27.93	3.01	15	107	0.166	SW
B4	20190920	Sunny	Moderate	Mid-Flood	B	3.9	9:49	6.33	8.24	27.77	27.94	2.41	11	107	0.23	W
B4	20190920	Sunny	Moderate	Mid-Flood	B	3.9	9:49	6.12	8.15	27.27	28.29	2.82	10	107	0.211	NW
B4	20190920	Sunny	Moderate	Mid-Flood	S	1	9:50	6.7	8.14	27.66	27.87	2.71	12	107	0.21	W
B4	20190920	Sunny	Moderate	Mid-Flood	S	1	9:50	6.36	7.96	27.6	28.02	3.11	11	107	0.122	W
C1A	20190920	Sunny	Moderate	Mid-Flood	B	9.3	9:58	6.48	8.02	27.11	28.17	2.53	10	107	0.272	NW
C1A	20190920	Sunny	Moderate	Mid-Flood	B	9.3	9:58	6.76	8.03	27.31	28.07	2.62	9	107	0.237	SW
C1A	20190920	Sunny	Moderate	Mid-Flood	M	5.15	9:59	6.22	8.24	27.14	28.18	2.92	10	106	0.133	SW
C1A	20190920	Sunny	Moderate	Mid-Flood	M	5.15	9:59	6.71	8.19	28.09	28.1	3.07	10	106	0.164	W
C1A	20190920	Sunny	Moderate	Mid-Flood	S	1	10:00	6.77	8.11	27.75	27.94	2.89	10	107	0.191	W
C1A	20190920	Sunny	Moderate	Mid-Flood	S	1	10:00	6.46	8.18	27.89	28.19	3.02	9	107	0.148	W
C2A	20190920	Sunny	Moderate	Mid-Flood	B	10.8	8:31	6.66	7.95	27.74	27.89	2.62	13	108	0.205	W
C2A	20190920	Sunny	Moderate	Mid-Flood	B	10.8	8:31	6.33	8.12	28.05	27.87	2.49	13	107	0.227	W
C2A	20190920	Sunny	Moderate	Mid-Flood	M	5.9	8:32	6.31	8.2	27.54	27.78	3.07	12	108	0.136	W
C2A	20190920	Sunny	Moderate	Mid-Flood	M	5.9	8:32	6.66	7.98	27.06	27.74	3.09	11	107	0.254	W
C2A	20190920	Sunny	Moderate	Mid-Flood	S	1	8:33	6.05	8.09	27.27	27.74	2.79	12	107	0.262	SW
C2A	20190920	Sunny	Moderate	Mid-Flood	S	1	8:33	6.22	8.23	27.27	27.86	2.85	10	108	0.157	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	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	20190920	Sunny	Moderate	Mid-Flood	B	11.7	8:52	6.73	8.04	27.24	28.03	2.62	10	107	0.134	NW
CR1	20190920	Sunny	Moderate	Mid-Flood	B	11.7	8:52	6.48	8.06	27.86	27.87	2.59	9	107	0.291	NW
CR1	20190920	Sunny	Moderate	Mid-Flood	M	6.35	8:53	6.62	7.99	27.59	27.93	3.09	10	108	0.215	W
CR1	20190920	Sunny	Moderate	Mid-Flood	M	6.35	8:53	6.13	8.02	27.94	28.03	2.86	11	108	0.175	W
CR1	20190920	Sunny	Moderate	Mid-Flood	S	1	8:54	6.09	8.25	27.22	27.82	3.02	12	107	0.196	SW
CR1	20190920	Sunny	Moderate	Mid-Flood	S	1	8:54	6.19	8.11	27.9	28.09	3.12	11	107	0.219	SW
CR2	20190920	Sunny	Moderate	Mid-Flood	B	10.5	11:35	6.06	7.99	28.1	28.4	2.35	8	107	0.206	W
CR2	20190920	Sunny	Moderate	Mid-Flood	B	10.5	11:35	6.62	8.22	28.06	28.36	2.69	9	108	0.201	W
CR2	20190920	Sunny	Moderate	Mid-Flood	M	5.75	11:36	6.42	8.16	27.08	28.15	2.79	8	108	0.28	NW
CR2	20190920	Sunny	Moderate	Mid-Flood	M	5.75	11:36	6.2	8.11	27.63	28.19	2.68	8	107	0.178	NW
CR2	20190920	Sunny	Moderate	Mid-Flood	S	1	11:37	6.65	8.08	27.59	28.3	2.94	9	107	0.227	SW
CR2	20190920	Sunny	Moderate	Mid-Flood	S	1	11:37	6.56	8.04	27.37	28.12	3.04	10	107	0.133	W
F1A	20190920	Sunny	Moderate	Mid-Flood	B	6.9	10:24	6.88	8.22	27.03	27.88	2.56	10	106	0.244	SW
F1A	20190920	Sunny	Moderate	Mid-Flood	B	6.9	10:24	6.82	8.02	27.61	28.05	2.64	10	107	0.282	SW
F1A	20190920	Sunny	Moderate	Mid-Flood	M	3.95	10:25	6.19	8.07	27.27	27.94	2.86	13	107	0.2	W
F1A	20190920	Sunny	Moderate	Mid-Flood	M	3.95	10:25	6.85	8.14	27.6	27.82	2.89	13	107	0.2	W
F1A	20190920	Sunny	Moderate	Mid-Flood	S	1	10:26	6.85	8.21	27.18	28.2	3.14	13	106	0.229	SW
F1A	20190920	Sunny	Moderate	Mid-Flood	S	1	10:26	6.42	8.08	27.01	28.26	2.96	13	108	0.214	SW
H1	20190920	Sunny	Moderate	Mid-Flood	B	7.6	9:15	6.75	7.99	28.02	27.8	2.54	13	107	0.267	NW
H1	20190920	Sunny	Moderate	Mid-Flood	B	7.6	9:15	6.73	7.96	27.6	28.17	2.41	15	106	0.225	W
H1	20190920	Sunny	Moderate	Mid-Flood	M	4.3	9:16	6.31	8.02	27.72	28.05	3.07	10	107	0.196	SW
H1	20190920	Sunny	Moderate	Mid-Flood	M	4.3	9:16	6.47	8.23	28.04	28.14	3.01	11	108	0.246	NW
H1	20190920	Sunny	Moderate	Mid-Flood	S	1	9:17	6.36	8.2	27.53	27.99	2.89	10	107	0.228	W
H1	20190920	Sunny	Moderate	Mid-Flood	S	1	9:17	6.55	7.98	27.09	28.15	2.97	10	107	0.221	W
M1	20190920	Sunny	Moderate	Mid-Flood	B	6.7	10:56	6.39	8.07	27.71	28.12	2.74	10	108	0.153	W
M1	20190920	Sunny	Moderate	Mid-Flood	B	6.7	10:56	6.74	8.03	27.84	27.98	2.69	10	107	0.28	NW
M1	20190920	Sunny	Moderate	Mid-Flood	M	3.85	10:57	6.11	8.13	27.97	28.27	2.95	9	107	0.123	NW
M1	20190920	Sunny	Moderate	Mid-Flood	M	3.85	10:57	6.33	8.23	27.11	27.99	2.94	10	108	0.151	W
M1	20190920	Sunny	Moderate	Mid-Flood	S	1	10:58	6.31	8.24	27.61	28.11	2.78	10	108	0.209	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	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	20190920	Sunny	Moderate	Mid-Flood	S	1	10:58	6.62	8.25	27.28	28.26	2.75	10	107	0.138	SW
S1	20190920	Sunny	Moderate	Mid-Flood	B	4	10:44	6.07	8.01	27.61	27.85	2.37	8	107	0.133	W
S1	20190920	Sunny	Moderate	Mid-Flood	B	4	10:44	6.73	8.24	27.03	28.12	2.58	9	106	0.182	SW
S1	20190920	Sunny	Moderate	Mid-Flood	S	1	10:45	6.82	8.14	27.8	27.81	2.91	8	107	0.131	SW
S1	20190920	Sunny	Moderate	Mid-Flood	S	1	10:45	6.27	8	27.35	28.05	2.71	10	107	0.128	W
S2A	20190920	Sunny	Moderate	Mid-Flood	B	8.2	11:14	6.64	8.15	27.23	28.27	2.74	11	106	0.205	SW
S2A	20190920	Sunny	Moderate	Mid-Flood	B	8.2	11:14	6.36	8.01	27.22	28.29	2.77	12	106	0.212	W
S2A	20190920	Sunny	Moderate	Mid-Flood	M	4.6	11:15	6.7	8.03	27.49	28.16	2.96	10	107	0.282	SW
S2A	20190920	Sunny	Moderate	Mid-Flood	M	4.6	11:15	6.89	8.23	27.15	28.29	2.82	10	107	0.172	W
S2A	20190920	Sunny	Moderate	Mid-Flood	S	1	11:16	6.5	7.96	27.63	28.26	2.99	10	107	0.205	W
S2A	20190920	Sunny	Moderate	Mid-Flood	S	1	11:16	6.5	7.95	27.98	28.18	3.11	11	107	0.243	W
S3	20190920	Sunny	Moderate	Mid-Flood	B	9.2	11:46	6.41	8.19	27.86	28.05	2.64	11	107	0.292	SW
S3	20190920	Sunny	Moderate	Mid-Flood	B	9.2	11:46	6.41	8.06	28.06	28.34	2.63	11	106	0.181	SW
S3	20190920	Sunny	Moderate	Mid-Flood	M	5.1	11:47	6.06	8.05	27.61	28.33	2.96	11	106	0.27	SW
S3	20190920	Sunny	Moderate	Mid-Flood	M	5.1	11:47	6.51	8.05	27.11	28.18	2.76	10	106	0.132	W
S3	20190920	Sunny	Moderate	Mid-Flood	S	1	11:48	6.85	8.23	27.11	28.4	2.86	12	106	0.209	W
S3	20190920	Sunny	Moderate	Mid-Flood	S	1	11:48	6.34	8.07	27.88	28.38	2.85	13	107	0.19	W
B1	20190920	Sunny	Moderate	Mid-Ebb	B	3.9	14:35	6.81	7.87	27.72	29.52	3.01	10	107	0.126	S
B1	20190920	Sunny	Moderate	Mid-Ebb	B	3.9	14:35	6.68	7.8	27.85	29.41	2.98	11	107	0.196	SE
B1	20190920	Sunny	Moderate	Mid-Ebb	S	1	14:36	6.68	7.89	27.35	29.26	2.69	11	107	0.103	SE
B1	20190920	Sunny	Moderate	Mid-Ebb	S	1	14:36	6.42	7.93	27.46	29.31	3	10	107	0.129	S
B2	20190920	Sunny	Moderate	Mid-Ebb	B	4.1	14:55	6.62	7.93	27.8	29.2	2.72	10	108	0.204	S
B2	20190920	Sunny	Moderate	Mid-Ebb	B	4.1	14:55	6.31	8.04	27.48	29.24	2.83	11	106	0.153	SE
B2	20190920	Sunny	Moderate	Mid-Ebb	S	1	14:56	6.35	7.9	27.24	29.44	3.04	14	107	0.098	SE
B2	20190920	Sunny	Moderate	Mid-Ebb	S	1	14:56	6.37	8.14	27.42	29.24	2.68	15	107	0.2	E
B3	20190920	Sunny	Moderate	Mid-Ebb	B	3.9	15:21	6.14	7.87	27.21	29.64	2.66	10	106	0.251	SE
B3	20190920	Sunny	Moderate	Mid-Ebb	B	3.9	15:21	6.5	8.13	27.51	29.48	3.01	11	106	0.195	E
B3	20190920	Sunny	Moderate	Mid-Ebb	S	1	15:22	6.18	8.09	27.23	29.47	2.85	11	106	0.084	SE
B3	20190920	Sunny	Moderate	Mid-Ebb	S	1	15:22	6.35	7.82	27.69	29.7	2.87	12	106	0.1	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	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	20190920	Sunny	Moderate	Mid-Ebb	B	3.1	15:35	6.5	7.94	27.86	29.45	2.64	13	106	0.083	E
B4	20190920	Sunny	Moderate	Mid-Ebb	B	3.1	15:35	6.84	7.84	27.44	29.45	2.62	12	106	0.109	S
B4	20190920	Sunny	Moderate	Mid-Ebb	S	1	15:36	6.13	7.92	27.88	29.7	3.15	13	106	0.19	E
B4	20190920	Sunny	Moderate	Mid-Ebb	S	1	15:36	6.5	8.2	27.76	29.58	3.05	12	106	0.083	E
C1A	20190920	Sunny	Moderate	Mid-Ebb	B	9.3	14:06	6.15	7.98	27.54	29.36	2.85	9	106	0.228	SE
C1A	20190920	Sunny	Moderate	Mid-Ebb	B	9.3	14:06	6.04	7.89	27.58	29.4	2.44	10	107	0.143	S
C1A	20190920	Sunny	Moderate	Mid-Ebb	M	5.15	14:07	6.22	8.08	27.84	29.2	2.81	11	106	0.207	SE
C1A	20190920	Sunny	Moderate	Mid-Ebb	M	5.15	14:07	6.2	7.95	27.26	29.38	2.87	11	106	0.184	SE
C1A	20190920	Sunny	Moderate	Mid-Ebb	S	1	14:08	6.4	8.13	27.55	29.59	2.72	12	106	0.164	S
C1A	20190920	Sunny	Moderate	Mid-Ebb	S	1	14:08	6.75	8.13	27.27	29.52	3.21	12	106	0.185	S
C2A	20190920	Sunny	Moderate	Mid-Ebb	B	10.8	14:16	6.59	8.24	27.43	29.58	2.53	9	106	0.097	S
C2A	20190920	Sunny	Moderate	Mid-Ebb	B	10.8	14:16	6.33	7.93	27.64	29.42	2.96	9	106	0.182	SE
C2A	20190920	Sunny	Moderate	Mid-Ebb	M	5.9	14:17	6.84	7.99	27.24	29.53	2.69	10	106	0.249	E
C2A	20190920	Sunny	Moderate	Mid-Ebb	M	5.9	14:17	6.86	8.2	27.69	29.36	2.81	10	106	0.245	E
C2A	20190920	Sunny	Moderate	Mid-Ebb	S	1	14:18	6.31	8.01	27.62	29.52	2.93	10	106	0.101	SE
C2A	20190920	Sunny	Moderate	Mid-Ebb	S	1	14:18	6.1	8.12	27.82	29.42	3.11	11	106	0.132	E
CR1	20190920	Sunny	Moderate	Mid-Ebb	B	11.9	14:35	6.83	8.13	27.51	29.34	2.45	8	106	0.08	SE
CR1	20190920	Sunny	Moderate	Mid-Ebb	B	11.9	14:35	6.52	8.11	27.79	29.36	3.02	9	106	0.184	SE
CR1	20190920	Sunny	Moderate	Mid-Ebb	M	6.45	14:36	6.73	8.1	27.8	29.43	2.75	8	106	0.207	S
CR1	20190920	Sunny	Moderate	Mid-Ebb	M	6.45	14:36	6.14	8.14	27.2	29.26	2.74	8	106	0.114	E
CR1	20190920	Sunny	Moderate	Mid-Ebb	S	1	14:37	6.51	7.8	27.75	29.47	3.25	10	106	0.165	SE
CR1	20190920	Sunny	Moderate	Mid-Ebb	S	1	14:37	6.29	7.98	27.74	29.59	3.25	9	106	0.201	E
CR2	20190920	Sunny	Moderate	Mid-Ebb	B	10.2	15:36	6.64	8.16	27.78	29.37	2.5	10	106	0.103	SE
CR2	20190920	Sunny	Moderate	Mid-Ebb	B	10.2	15:36	6.09	8.07	27.38	29.2	2.91	11	106	0.179	SE
CR2	20190920	Sunny	Moderate	Mid-Ebb	M	5.6	15:37	6.64	7.95	27.63	29.31	2.83	11	106	0.172	S
CR2	20190920	Sunny	Moderate	Mid-Ebb	M	5.6	15:37	6.66	8.07	27.4	29.6	2.98	10	106	0.161	SE
CR2	20190920	Sunny	Moderate	Mid-Ebb	S	1	15:38	6.54	7.98	27.32	29.56	2.88	11	105	0.235	SE
CR2	20190920	Sunny	Moderate	Mid-Ebb	S	1	15:38	6.17	8.08	27.79	29.48	2.71	11	106	0.087	E
F1A	20190920	Sunny	Moderate	Mid-Ebb	B	7.6	16:08	6.39	7.82	27.39	29.34	2.63	11	106	0.193	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	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	20190920	Sunny	Moderate	Mid-Ebb	B	7.6	16:08	6.39	8.19	27.79	29.4	2.78	11	106	0.179	SE
F1A	20190920	Sunny	Moderate	Mid-Ebb	M	4.3	16:09	6.57	8.21	27.88	29.26	2.73	10	106	0.092	SE
F1A	20190920	Sunny	Moderate	Mid-Ebb	M	4.3	16:09	6.58	8.08	27.84	29.52	3.12	11	106	0.109	S
F1A	20190920	Sunny	Moderate	Mid-Ebb	S	1	16:10	6.11	7.88	27.32	29.35	2.72	12	106	0.192	S
F1A	20190920	Sunny	Moderate	Mid-Ebb	S	1	16:10	6.62	8.12	27.42	29.34	3.02	12	106	0.217	E
H1	20190920	Sunny	Moderate	Mid-Ebb	B	7.8	15:01	6.26	7.91	27.43	29.31	2.97	12	106	0.245	S
H1	20190920	Sunny	Moderate	Mid-Ebb	B	7.8	15:01	6.45	8.16	27.36	29.47	3	11	106	0.092	S
H1	20190920	Sunny	Moderate	Mid-Ebb	M	4.4	15:02	6.91	8.01	27.56	29.6	3.01	13	106	0.134	E
H1	20190920	Sunny	Moderate	Mid-Ebb	M	4.4	15:02	6.6	8	27.83	29.59	2.63	13	107	0.119	S
H1	20190920	Sunny	Moderate	Mid-Ebb	S	1	15:03	6.5	8.15	27.35	29.36	2.94	12	106	0.23	S
H1	20190920	Sunny	Moderate	Mid-Ebb	S	1	15:03	6.55	8.05	27.86	29.3	2.83	13	106	0.166	S
M1	20190920	Sunny	Moderate	Mid-Ebb	B	8.8	16:44	6.68	8.06	27.84	29.49	2.53	11	106	0.177	S
M1	20190920	Sunny	Moderate	Mid-Ebb	B	8.8	16:44	6.3	8.13	27.2	29.59	2.5	11	106	0.201	SE
M1	20190920	Sunny	Moderate	Mid-Ebb	M	4.9	16:45	6.76	7.97	27.83	29.46	2.86	11	107	0.116	S
M1	20190920	Sunny	Moderate	Mid-Ebb	M	4.9	16:45	6.68	8.12	27.34	29.42	2.91	10	105	0.185	S
M1	20190920	Sunny	Moderate	Mid-Ebb	S	1	16:46	6.72	7.86	27.33	29.38	3.09	11	106	0.121	SE
M1	20190920	Sunny	Moderate	Mid-Ebb	S	1	16:46	6.48	7.85	27.52	29.54	3.1	10	106	0.189	SE
S1	20190920	Sunny	Moderate	Mid-Ebb	B	3.9	14:45	6.07	7.92	27.35	29.52	2.49	10	106	0.2	SE
S1	20190920	Sunny	Moderate	Mid-Ebb	B	3.9	14:45	6.62	8.2	27.35	29.33	3	11	106	0.103	SE
S1	20190920	Sunny	Moderate	Mid-Ebb	S	1	14:46	6.17	8.14	27.88	29.3	3.04	11	106	0.221	S
S1	20190920	Sunny	Moderate	Mid-Ebb	S	1	14:46	6.28	7.99	27.63	29.52	2.81	11	106	0.124	SE
S2A	20190920	Sunny	Moderate	Mid-Ebb	B	8.2	15:15	6.32	7.9	27.36	29.27	2.99	8	106	0.151	S
S2A	20190920	Sunny	Moderate	Mid-Ebb	B	8.2	15:15	6.62	8.06	27.36	29.58	2.85	9	106	0.184	S
S2A	20190920	Sunny	Moderate	Mid-Ebb	M	4.6	15:16	6.45	7.85	27.33	29.24	2.75	11	106	0.23	S
S2A	20190920	Sunny	Moderate	Mid-Ebb	M	4.6	15:16	6.23	7.96	27.26	29.32	2.91	10	106	0.198	E
S2A	20190920	Sunny	Moderate	Mid-Ebb	S	1	15:17	6.88	7.81	27.31	29.38	3.17	11	106	0.093	E
S2A	20190920	Sunny	Moderate	Mid-Ebb	S	1	15:17	6.82	7.85	27.66	29.44	2.7	12	107	0.22	S
S3	20190920	Sunny	Moderate	Mid-Ebb	B	9.3	15:47	6.63	7.9	27.85	29.25	2.94	10	106	0.089	E
S3	20190920	Sunny	Moderate	Mid-Ebb	B	9.3	15:47	6.53	8.05	27.35	29.48	2.74	10	106	0.136	S

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	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	20190920	Sunny	Moderate	Mid-Ebb	M	5.15	15:48	6.35	8.14	27.6	29.23	3.07	10	106	0.196	S
S3	20190920	Sunny	Moderate	Mid-Ebb	M	5.15	15:48	6.88	8.03	27.53	29.43	2.54	9	106	0.206	S
S3	20190920	Sunny	Moderate	Mid-Ebb	S	1	15:49	6.38	8.06	27.71	29.23	3.14	11	106	0.183	E
S3	20190920	Sunny	Moderate	Mid-Ebb	S	1	15:49	6.79	7.92	27.64	29.33	3.25	10	106	0.161	S
B1	20190923	Sunny	Moderate	Mid-Ebb	B	3.8	9:02	6.93	8.06	27.48	29.19	2.54	2	111	0.231	S
B1	20190923	Sunny	Moderate	Mid-Ebb	B	3.8	9:02	6.8	8.19	27.74	29.12	2.63	3	112	0.108	S
B1	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:03	6.7	8.12	27.43	29.26	2.76	4	112	0.15	S
B1	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:03	6.13	8.11	27.49	29.12	2.76	4	111	0.196	E
B2	20190923	Sunny	Moderate	Mid-Ebb	B	4.2	9:27	6.32	8.07	27.43	29.12	2.58	4	112	0.088	SE
B2	20190923	Sunny	Moderate	Mid-Ebb	B	4.2	9:27	6.57	8.27	27.61	29.23	2.97	4	111	0.169	S
B2	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:28	6.68	8.13	27.58	29.13	2.74	3	112	0.136	E
B2	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:28	6.78	8.1	27.57	29.13	2.73	4	111	0.175	S
B3	20190923	Sunny	Moderate	Mid-Ebb	B	3.4	9:46	6.79	8.24	27.7	29.11	2.5	3	112	0.13	SE
B3	20190923	Sunny	Moderate	Mid-Ebb	B	3.4	9:46	6.26	8.06	27.85	29.29	2.6	4	111	0.103	S
B3	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:47	6.95	8.22	27.83	29.26	3.25	3	111	0.105	SE
B3	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:47	7.18	8.21	27.58	29.22	2.94	4	111	0.185	SE
B4	20190923	Sunny	Moderate	Mid-Ebb	B	3.8	9:57	6.77	8.13	27.81	29.26	2.97	4	111	0.146	E
B4	20190923	Sunny	Moderate	Mid-Ebb	B	3.8	9:57	6.74	8.05	27.43	29.26	2.9	3	111	0.113	E
B4	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:58	6.36	8.27	27.63	29.21	3.1	5	111	0.118	S
B4	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:58	7.08	8.2	27.81	29.28	2.73	6	111	0.115	S
C1A	20190923	Sunny	Moderate	Mid-Ebb	B	8.8	8:38	7.13	8.02	27.66	29.22	2.81	6	110	0.096	S
C1A	20190923	Sunny	Moderate	Mid-Ebb	B	8.8	8:38	6.75	8.15	27.8	29.26	2.78	4	110	0.178	S
C1A	20190923	Sunny	Moderate	Mid-Ebb	M	4.9	8:39	6.11	8.02	27.47	29.27	2.67	3	111	0.252	S
C1A	20190923	Sunny	Moderate	Mid-Ebb	M	4.9	8:39	6.04	8.13	27.42	29.29	2.96	4	111	0.203	E
C1A	20190923	Sunny	Moderate	Mid-Ebb	S	1	8:40	6.73	8.23	27.55	29.18	3.07	3	111	0.216	SE
C1A	20190923	Sunny	Moderate	Mid-Ebb	S	1	8:40	7.01	8.25	27.78	29.28	2.97	4	111	0.089	E
C2A	20190923	Sunny	Moderate	Mid-Ebb	B	10.7	8:45	6.98	8.24	27.48	29.1	2.92	3	110	0.169	S
C2A	20190923	Sunny	Moderate	Mid-Ebb	B	10.7	8:45	6.9	8.07	27.66	29.24	2.81	4	110	0.168	S
C2A	20190923	Sunny	Moderate	Mid-Ebb	M	5.85	8:46	7.12	8.12	27.75	29.2	2.95	<2	111	0.203	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	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	20190923	Sunny	Moderate	Mid-Ebb	M	5.85	8:46	7.16	8.1	27.62	29.15	2.91	3	111	0.131	SE
C2A	20190923	Sunny	Moderate	Mid-Ebb	S	1	8:47	6.12	8.09	27.69	29.27	2.68	2	111	0.189	SE
C2A	20190923	Sunny	Moderate	Mid-Ebb	S	1	8:47	7.05	8.14	27.57	29.12	2.92	3	110	0.201	E
F1A	20190923	Sunny	Moderate	Mid-Ebb	B	8.2	10:25	6.57	8.25	27.82	29.18	2.93	6	110	0.154	SE
F1A	20190923	Sunny	Moderate	Mid-Ebb	B	8.2	10:25	7.18	8.23	27.46	29.21	2.85	5	111	0.1	SE
F1A	20190923	Sunny	Moderate	Mid-Ebb	M	4.6	10:26	6.82	8.05	27.4	29.19	2.74	3	111	0.139	SE
F1A	20190923	Sunny	Moderate	Mid-Ebb	M	4.6	10:26	7.17	8.22	27.77	29.28	2.94	4	111	0.108	SE
F1A	20190923	Sunny	Moderate	Mid-Ebb	S	1	10:27	6.29	8.05	27.44	29.22	2.92	4	111	0.128	S
F1A	20190923	Sunny	Moderate	Mid-Ebb	S	1	10:27	6.92	8.19	27.9	29.16	3.04	3	110	0.213	S
H1	20190923	Sunny	Moderate	Mid-Ebb	B	7.4	9:25	6.11	8.18	27.79	29.26	2.93	3	111	0.244	SE
H1	20190923	Sunny	Moderate	Mid-Ebb	B	7.4	9:25	6.28	8.2	27.76	29.18	2.81	2	111	0.078	SE
H1	20190923	Sunny	Moderate	Mid-Ebb	M	4.2	9:26	6.65	8.19	27.56	29.26	2.94	4	111	0.087	SE
H1	20190923	Sunny	Moderate	Mid-Ebb	M	4.2	9:26	6.81	8.11	27.81	29.2	2.66	4	110	0.21	SE
H1	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:27	7	8.08	27.74	29.12	3.16	3	111	0.206	SE
H1	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:27	6.08	8.21	27.58	29.2	2.71	3	112	0.141	S
M1	20190923	Sunny	Moderate	Mid-Ebb	B	8.2	10:57	6.2	8.05	27.54	29.23	2.83	3	111	0.096	SE
M1	20190923	Sunny	Moderate	Mid-Ebb	B	8.2	10:57	6.15	8.05	27.68	29.25	2.96	3	111	0.216	SE
M1	20190923	Sunny	Moderate	Mid-Ebb	M	4.6	10:58	6.78	8.05	27.41	29.21	2.6	3	111	0.112	SE
M1	20190923	Sunny	Moderate	Mid-Ebb	M	4.6	10:58	7.1	8.1	27.79	29.12	3	3	111	0.131	S
M1	20190923	Sunny	Moderate	Mid-Ebb	S	1	10:59	6.97	8.26	27.56	29.11	2.92	2	111	0.131	SE
M1	20190923	Sunny	Moderate	Mid-Ebb	S	1	10:59	6.9	8.19	27.54	29.23	3.12	3	112	0.223	E
CR1	20190923	Sunny	Moderate	Mid-Ebb	B	12.1	9:02	7.07	8.12	27.69	29.16	2.46	6	111	0.19	E
CR1	20190923	Sunny	Moderate	Mid-Ebb	B	12.1	9:02	6.18	8.12	27.79	29.28	2.89	5	113	0.239	E
CR1	20190923	Sunny	Moderate	Mid-Ebb	M	6.55	9:03	6.98	8.24	27.56	29.24	2.66	5	111	0.178	SE
CR1	20190923	Sunny	Moderate	Mid-Ebb	M	6.55	9:03	7.19	8.13	27.52	29.13	2.99	4	111	0.243	SE
CR1	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:04	6.2	8.08	27.64	29.25	2.85	5	111	0.077	S
CR1	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:04	6.48	8.01	27.63	29.18	2.99	4	111	0.246	E
CR2	20190923	Sunny	Moderate	Mid-Ebb	B	10.9	10:01	6.49	8.01	27.63	29.13	2.86	3	111	0.242	E
CR2	20190923	Sunny	Moderate	Mid-Ebb	B	10.9	10:01	6.82	8.2	27.8	29.25	2.83	3	111	0.24	S

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	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	20190923	Sunny	Moderate	Mid-Ebb	M	5.95	10:02	6.62	8.28	27.81	29.22	2.85	3	111	0.157	SE
CR2	20190923	Sunny	Moderate	Mid-Ebb	M	5.95	10:02	6.98	8.11	27.48	29.28	2.58	<2	111	0.203	SE
CR2	20190923	Sunny	Moderate	Mid-Ebb	S	1	10:03	6.82	8.29	27.9	29.29	2.95	5	110	0.211	SE
CR2	20190923	Sunny	Moderate	Mid-Ebb	S	1	10:03	6.34	8.03	27.44	29.2	2.97	4	111	0.113	SE
S1	20190923	Sunny	Moderate	Mid-Ebb	B	4.4	9:12	6.65	8.13	27.54	29.23	2.6	8	111	0.126	S
S1	20190923	Sunny	Moderate	Mid-Ebb	B	4.4	9:12	6.93	8.18	27.54	29.1	2.58	9	111	0.141	E
S1	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:13	7.13	8.07	27.69	29.2	3.21	3	111	0.181	E
S1	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:13	6.75	8	27.74	29.17	3.12	3	110	0.132	S
S2A	20190923	Sunny	Moderate	Mid-Ebb	B	8.5	9:40	6.55	8.05	27.74	29.26	2.91	4	110	0.116	E
S2A	20190923	Sunny	Moderate	Mid-Ebb	B	8.5	9:40	6.18	8.06	27.47	29.12	2.64	4	110	0.099	SE
S2A	20190923	Sunny	Moderate	Mid-Ebb	M	4.75	9:41	6.76	8.17	27.88	29.1	3	4	110	0.212	S
S2A	20190923	Sunny	Moderate	Mid-Ebb	M	4.75	9:41	6.61	8.17	27.59	29.1	3.06	5	111	0.224	E
S2A	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:42	6.04	8.14	27.87	29.19	3.07	6	111	0.233	SE
S2A	20190923	Sunny	Moderate	Mid-Ebb	S	1	9:42	7.19	8.21	27.45	29.27	2.81	5	110	0.211	SE
S3	20190923	Sunny	Moderate	Mid-Ebb	B	9.4	10:12	6.98	8.13	27.85	29.23	2.75	4	110	0.146	SE
S3	20190923	Sunny	Moderate	Mid-Ebb	B	9.4	10:12	6.53	8.24	27.81	29.2	2.88	5	111	0.178	SE
S3	20190923	Sunny	Moderate	Mid-Ebb	M	5.2	10:13	6.37	8.2	27.85	29.19	2.56	5	111	0.217	E
S3	20190923	Sunny	Moderate	Mid-Ebb	M	5.2	10:13	6.42	8.11	27.79	29.23	2.73	4	111	0.188	E
S3	20190923	Sunny	Moderate	Mid-Ebb	S	1	10:14	6.78	8	27.88	29.18	3.05	3	111	0.231	E
S3	20190923	Sunny	Moderate	Mid-Ebb	S	1	10:14	6.82	8.25	27.78	29.18	2.79	4	112	0.234	S
B1	20190923	Sunny	Moderate	Mid-Flood	B	3.9	13:03	6.76	7.85	27.15	29.42	2.65	5	112	0.15	W
B1	20190923	Sunny	Moderate	Mid-Flood	B	3.9	13:03	7.04	7.97	27.2	29.04	2.61	4	111	0.152	W
B1	20190923	Sunny	Moderate	Mid-Flood	S	1	13:04	6.61	7.86	27.35	29.04	3.04	4	112	0.29	W
B1	20190923	Sunny	Moderate	Mid-Flood	S	1	13:04	6.32	7.9	27.48	29.07	2.81	5	110	0.267	SW
B2	20190923	Sunny	Moderate	Mid-Flood	B	3.5	13:23	6.34	8.11	27.03	29.41	2.8	3	111	0.157	W
B2	20190923	Sunny	Moderate	Mid-Flood	B	3.5	13:23	6.51	8.03	27.22	29.37	2.35	2	111	0.174	W
B2	20190923	Sunny	Moderate	Mid-Flood	S	1	13:24	6.52	7.99	27.19	29.15	2.91	4	111	0.196	SW
B2	20190923	Sunny	Moderate	Mid-Flood	S	1	13:24	6.85	7.9	27.2	29.41	3.26	3	111	0.178	W
B3	20190923	Sunny	Moderate	Mid-Flood	B	4	13:38	6.59	7.91	27.5	29.41	2.88	5	110	0.217	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	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	20190923	Sunny	Moderate	Mid-Flood	B	4	13:38	6.71	7.93	27.36	29.61	2.47	6	112	0.135	SW
B3	20190923	Sunny	Moderate	Mid-Flood	S	1	13:39	6.64	7.99	27.24	29.63	2.88	6	110	0.283	W
B3	20190923	Sunny	Moderate	Mid-Flood	S	1	13:39	6.35	7.86	27.44	29.66	2.83	5	112	0.124	W
B4	20190923	Sunny	Moderate	Mid-Flood	B	3.7	13:50	6.63	8	27.11	29.47	2.79	4	111	0.135	W
B4	20190923	Sunny	Moderate	Mid-Flood	B	3.7	13:50	6.3	8.14	26.96	29.49	2.6	6	112	0.131	SW
B4	20190923	Sunny	Moderate	Mid-Flood	S	1	13:51	6.87	8	27.06	29.32	3.09	6	110	0.21	SW
B4	20190923	Sunny	Moderate	Mid-Flood	S	1	13:51	6.68	7.95	27.3	29.32	3.15	7	111	0.237	SW
C1A	20190923	Sunny	Moderate	Mid-Flood	B	9.3	12:39	6.44	8.1	27.12	29.23	2.42	7	111	0.208	SW
C1A	20190923	Sunny	Moderate	Mid-Flood	B	9.3	12:39	6.8	7.88	27.32	29.31	2.79	6	110	0.179	SW
C1A	20190923	Sunny	Moderate	Mid-Flood	M	5.15	12:40	6.31	7.91	26.95	29.26	3.09	6	110	0.2	W
C1A	20190923	Sunny	Moderate	Mid-Flood	M	5.15	12:40	6.25	7.93	27.18	29.07	2.64	7	110	0.189	SW
C1A	20190923	Sunny	Moderate	Mid-Flood	S	1	12:41	6.61	8.02	27.08	29.14	2.77	5	110	0.241	NW
C1A	20190923	Sunny	Moderate	Mid-Flood	S	1	12:41	6.76	8.13	27.29	29.29	3.15	6	109	0.147	SW
C2A	20190923	Sunny	Moderate	Mid-Flood	B	10.3	12:25	6.77	8.07	27.5	29.09	2.44	8	112	0.217	NW
C2A	20190923	Sunny	Moderate	Mid-Flood	B	10.3	12:25	6.74	8.18	27.19	29.4	2.57	9	109	0.171	W
C2A	20190923	Sunny	Moderate	Mid-Flood	M	5.65	12:26	6.25	7.99	27.49	29.27	2.78	9	110	0.178	SW
C2A	20190923	Sunny	Moderate	Mid-Flood	M	5.65	12:26	6.52	7.97	27.5	29.08	2.63	8	111	0.237	SW
C2A	20190923	Sunny	Moderate	Mid-Flood	S	1	12:27	6.45	8.11	27.03	29.41	2.73	7	111	0.288	W
C2A	20190923	Sunny	Moderate	Mid-Flood	S	1	12:27	6.68	8.09	26.92	29.15	2.75	6	111	0.234	W
F1A	20190923	Sunny	Moderate	Mid-Flood	B	7.6	14:23	6.48	8.1	27.07	29.38	2.62	9	111	0.242	W
F1A	20190923	Sunny	Moderate	Mid-Flood	B	7.6	14:23	6.9	8.05	27.03	29.05	2.55	8	100	0.181	W
F1A	20190923	Sunny	Moderate	Mid-Flood	M	4.3	14:24	6.91	7.86	27.2	29.14	3.06	9	110	0.2	W
F1A	20190923	Sunny	Moderate	Mid-Flood	M	4.3	14:24	6.73	8.06	27.41	29.13	3.01	8	111	0.122	NW
F1A	20190923	Sunny	Moderate	Mid-Flood	S	1	14:25	6.68	7.88	27.15	29.42	2.9	7	111	0.283	SW
F1A	20190923	Sunny	Moderate	Mid-Flood	S	1	14:25	6.77	8.04	27.2	29.33	3.26	8	110	0.256	SW
H1	20190923	Sunny	Moderate	Mid-Flood	B	6.5	13:16	6.82	7.99	26.96	29.48	2.56	6	110	0.163	W
H1	20190923	Sunny	Moderate	Mid-Flood	B	6.5	13:16	6.45	8.05	27.15	29.41	2.63	6	110	0.135	NW
H1	20190923	Sunny	Moderate	Mid-Flood	M	3.75	13:17	6.96	8.06	27.26	29.43	2.62	5	110	0.19	SW
H1	20190923	Sunny	Moderate	Mid-Flood	M	3.75	13:17	6.8	7.88	27.44	29.03	2.95	6	110	0.27	SW

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	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	20190923	Sunny	Moderate	Mid-Flood	S	1	13:18	6.61	7.96	27.23	29.24	2.79	6	110	0.152	W
H1	20190923	Sunny	Moderate	Mid-Flood	S	1	13:18	7.01	8.08	27.4	29.44	2.72	7	110	0.198	W
M1	20190923	Sunny	Moderate	Mid-Flood	B	7.6	14:56	6.61	8.1	27.06	29.21	2.41	6	111	0.149	W
M1	20190923	Sunny	Moderate	Mid-Flood	B	7.6	14:56	6.59	8.13	27.02	29.38	2.74	5	111	0.178	W
M1	20190923	Sunny	Moderate	Mid-Flood	M	4.3	14:57	6.32	7.94	27.24	29.17	2.64	4	111	0.18	W
M1	20190923	Sunny	Moderate	Mid-Flood	M	4.3	14:57	6.63	7.92	27.29	29.22	3.01	5	111	0.239	NW
M1	20190923	Sunny	Moderate	Mid-Flood	S	1	14:58	6.66	8.04	27.19	29.49	2.91	4	112	0.258	SW
M1	20190923	Sunny	Moderate	Mid-Flood	S	1	14:58	6.45	8.08	27.45	29.11	3	5	112	0.198	W
CR1	20190923	Sunny	Moderate	Mid-Flood	B	12	12:49	7.08	7.9	27.43	29.35	2.44	4	111	0.15	SW
CR1	20190923	Sunny	Moderate	Mid-Flood	B	12	12:49	6.73	7.85	27.49	29.23	2.8	4	111	0.149	SW
CR1	20190923	Sunny	Moderate	Mid-Flood	M	6.5	12:50	6.63	8	27.32	29.24	2.56	4	112	0.258	W
CR1	20190923	Sunny	Moderate	Mid-Flood	M	6.5	12:50	6.53	8.04	27.46	29.44	2.91	3	110	0.285	NW
CR1	20190923	Sunny	Moderate	Mid-Flood	S	1	12:51	6.62	7.92	27.39	29.36	2.97	5	111	0.284	W
CR1	20190923	Sunny	Moderate	Mid-Flood	S	1	12:51	6.46	8.04	27.15	29.37	3.16	4	111	0.19	W
CR2	20190923	Sunny	Moderate	Mid-Flood	B	10.7	14:02	6.64	7.99	27.04	29.13	2.52	4	112	0.243	NW
CR2	20190923	Sunny	Moderate	Mid-Flood	B	10.7	14:02	7.06	7.96	27.48	29.3	2.65	5	111	0.196	SW
CR2	20190923	Sunny	Moderate	Mid-Flood	M	5.85	14:03	6.31	8.07	27.18	29.32	2.57	4	111	0.16	NW
CR2	20190923	Sunny	Moderate	Mid-Flood	M	5.85	14:03	6.43	7.99	27.42	29.09	2.62	4	111	0.214	W
CR2	20190923	Sunny	Moderate	Mid-Flood	S	1	14:04	6.35	7.96	27.25	29.25	2.84	5	111	0.203	W
CR2	20190923	Sunny	Moderate	Mid-Flood	S	1	14:04	6.57	7.86	27.37	29.05	2.77	5	111	0.122	W
S1	20190923	Sunny	Moderate	Mid-Flood	B	4.8	13:13	6.31	8.16	27.34	29.48	2.72	3	111	0.258	W
S1	20190923	Sunny	Moderate	Mid-Flood	B	4.8	13:13	6.54	8.03	27.2	29.12	2.65	4	112	0.233	W
S1	20190923	Sunny	Moderate	Mid-Flood	S	1	13:14	6.68	7.97	26.92	29.38	3.12	10	110	0.287	SW
S1	20190923	Sunny	Moderate	Mid-Flood	S	1	13:14	6.27	7.92	27.17	29.31	3.04	8	111	0.172	W
S2A	20190923	Sunny	Moderate	Mid-Flood	B	8.6	13:41	6.7	7.91	27.09	29.1	2.45	4	111	0.286	SW
S2A	20190923	Sunny	Moderate	Mid-Flood	B	8.6	13:41	7.03	7.93	27.3	29.03	2.78	5	110	0.136	W
S2A	20190923	Sunny	Moderate	Mid-Flood	M	4.8	13:42	6.35	8.17	27.27	29.14	2.97	3	111	0.288	W
S2A	20190923	Sunny	Moderate	Mid-Flood	M	4.8	13:42	6.53	8.01	27.45	29.35	2.96	4	111	0.251	SW
S2A	20190923	Sunny	Moderate	Mid-Flood	S	1	13:43	7.02	7.89	27.42	29.27	2.8	4	112	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	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	20190923	Sunny	Moderate	Mid-Flood	S	1	13:43	6.94	7.86	27.05	29.24	2.91	4	111	0.178	SW
S3	20190923	Sunny	Moderate	Mid-Flood	B	8.5	14:13	6.89	8.02	27.19	29.41	2.79	4	111	0.14	W
S3	20190923	Sunny	Moderate	Mid-Flood	B	8.5	14:13	6.28	7.94	27.08	29.1	2.77	4	111	0.187	NW
S3	20190923	Sunny	Moderate	Mid-Flood	M	4.75	14:14	6.52	7.88	27.2	29.27	2.56	4	110	0.15	W
S3	20190923	Sunny	Moderate	Mid-Flood	M	4.75	14:14	7.09	8.17	26.99	29.24	3.07	3	110	0.15	SW
S3	20190923	Sunny	Moderate	Mid-Flood	S	1	14:15	6.66	7.96	27.46	29.5	2.67	4	110	0.292	SW
S3	20190923	Sunny	Moderate	Mid-Flood	S	1	14:15	6.4	7.88	27.29	29.5	3.26	5	111	0.22	W
B1	20190925	Sunny	Moderate	Mid-Ebb	B	4	8:38	5.97	8.07	27.54	28.36	2.52	3	110	0.14	E
B1	20190925	Sunny	Moderate	Mid-Ebb	B	4	8:38	6.51	7.91	27.6	28.44	2.58	3	109	0.214	E
B1	20190925	Sunny	Moderate	Mid-Ebb	S	1	8:39	5.96	8.11	27.62	28.27	2.73	3	110	0.139	SE
B1	20190925	Sunny	Moderate	Mid-Ebb	S	1	8:39	6.54	8.19	27.45	28.39	2.91	3	110	0.167	SE
B2	20190925	Sunny	Moderate	Mid-Ebb	B	4.3	8:58	6.39	8.1	27.37	28.52	2.86	4	111	0.168	SE
B2	20190925	Sunny	Moderate	Mid-Ebb	B	4.3	8:58	6.23	8.21	27.55	28.35	2.79	5	109	0.09	SE
B2	20190925	Sunny	Moderate	Mid-Ebb	S	1	8:59	6.39	7.87	27.44	28.36	3.03	4	109	0.214	SE
B2	20190925	Sunny	Moderate	Mid-Ebb	S	1	8:59	6.02	8.1	27.4	28.38	3.13	3	110	0.097	SE
B3	20190925	Sunny	Moderate	Mid-Ebb	B	3.7	9:38	6.59	8.1	27.37	28.78	3.43	3	110	0.133	S
B3	20190925	Sunny	Moderate	Mid-Ebb	B	3.7	9:38	6.44	8.11	27.45	28.53	3.28	3	110	0.078	SE
B3	20190925	Sunny	Moderate	Mid-Ebb	S	1	9:39	6.5	7.91	27.67	28.69	3.25	3	109	0.09	E
B3	20190925	Sunny	Moderate	Mid-Ebb	S	1	9:39	6.52	8.16	27.65	28.52	3.05	3	109	0.181	SE
B4	20190925	Sunny	Moderate	Mid-Ebb	B	3.2	9:48	6.07	7.9	27.67	28.64	2.96	5	110	0.188	SE
B4	20190925	Sunny	Moderate	Mid-Ebb	B	3.2	9:48	6.16	8.11	27.42	28.5	2.9	4	110	0.152	SE
B4	20190925	Sunny	Moderate	Mid-Ebb	S	1	9:49	6.34	7.86	27.5	28.75	3.42	2	110	0.083	SE
B4	20190925	Sunny	Moderate	Mid-Ebb	S	1	9:49	6.41	7.96	27.46	28.47	3.67	4	110	0.086	SE
C1A	20190925	Sunny	Moderate	Mid-Ebb	B	10.1	8:14	6.14	8.08	27.41	28.23	3.13	3	109	0.115	S
C1A	20190925	Sunny	Moderate	Mid-Ebb	B	10.1	8:14	6.1	8.17	27.63	28.38	2.97	4	109	0.151	E
C1A	20190925	Sunny	Moderate	Mid-Ebb	M	5.55	8:15	6.23	8.14	27.57	28.33	2.88	5	110	0.157	SE
C1A	20190925	Sunny	Moderate	Mid-Ebb	M	5.55	8:15	6.02	7.89	27.58	28.14	3.24	4	110	0.122	E
C1A	20190925	Sunny	Moderate	Mid-Ebb	S	1	8:16	6.66	7.99	27.42	28.31	2.57	5	109	0.138	SE
C1A	20190925	Sunny	Moderate	Mid-Ebb	S	1	8:16	6.09	8.1	27.43	28.24	2.74	4	110	0.143	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	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	20190925	Sunny	Moderate	Mid-Ebb	B	11.3	8:51	6.54	7.94	27.46	28.45	3.44	4	109	0.089	S
C2A	20190925	Sunny	Moderate	Mid-Ebb	B	11.3	8:51	6.18	7.98	27.65	28.47	3.18	4	110	0.223	E
C2A	20190925	Sunny	Moderate	Mid-Ebb	M	6.15	8:52	6.18	8.04	27.62	28.48	3.1	3	111	0.131	SE
C2A	20190925	Sunny	Moderate	Mid-Ebb	M	6.15	8:52	6.54	8.07	27.57	28.41	3.1	4	109	0.14	SE
C2A	20190925	Sunny	Moderate	Mid-Ebb	S	1	8:53	6.47	7.92	27.55	28.38	3.69	3	110	0.101	SE
C2A	20190925	Sunny	Moderate	Mid-Ebb	S	1	8:53	6.26	8.02	27.37	28.26	3.23	4	110	0.113	E
CR1	20190925	Sunny	Moderate	Mid-Ebb	B	11.4	9:14	6.01	8.22	27.44	28.58	2.54	7	110	0.089	SE
CR1	20190925	Sunny	Moderate	Mid-Ebb	B	11.4	9:14	6.29	8.11	27.56	28.69	2.45	8	109	0.25	S
CR1	20190925	Sunny	Moderate	Mid-Ebb	M	6.2	9:15	6.37	8.08	27.66	28.5	3.11	6	109	0.183	E
CR1	20190925	Sunny	Moderate	Mid-Ebb	M	6.2	9:15	6.08	7.91	27.47	28.55	2.87	6	109	0.248	SE
CR1	20190925	Sunny	Moderate	Mid-Ebb	S	1	9:16	5.93	8.04	27.54	28.65	2.77	6	110	0.105	E
CR1	20190925	Sunny	Moderate	Mid-Ebb	S	1	9:16	6.56	7.85	27.47	28.61	2.73	7	110	0.124	SE
CR2	20190925	Sunny	Moderate	Mid-Ebb	B	10.4	9:43	6.56	7.91	27.4	28.76	2.56	6	110	0.083	SE
CR2	20190925	Sunny	Moderate	Mid-Ebb	B	10.4	9:43	5.97	8.15	27.54	28.51	2.79	6	110	0.119	SE
CR2	20190925	Sunny	Moderate	Mid-Ebb	M	5.7	9:44	6.25	7.94	27.57	28.73	2.7	6	109	0.1	E
CR2	20190925	Sunny	Moderate	Mid-Ebb	M	5.7	9:44	6.65	8.08	27.57	28.61	2.76	6	109	0.116	SE
CR2	20190925	Sunny	Moderate	Mid-Ebb	S	1	9:45	6.38	8	27.53	28.61	3.06	6	110	0.116	SE
CR2	20190925	Sunny	Moderate	Mid-Ebb	S	1	9:45	6.11	7.86	27.65	28.51	2.85	7	109	0.186	SE
F1A	20190925	Sunny	Moderate	Mid-Ebb	B	8.2	11:00	6.29	8.21	27.48	28.67	2.96	3	110	0.121	SE
F1A	20190925	Sunny	Moderate	Mid-Ebb	B	8.2	11:00	6.02	7.87	27.4	28.57	2.87	4	110	0.19	SE
F1A	20190925	Sunny	Moderate	Mid-Ebb	M	4.6	11:01	6.28	7.91	27.61	28.57	2.67	4	108	0.171	S
F1A	20190925	Sunny	Moderate	Mid-Ebb	M	4.6	11:01	6.21	8.09	27.64	28.68	3.04	3	110	0.159	S
F1A	20190925	Sunny	Moderate	Mid-Ebb	S	1	11:02	6.46	8.04	27.63	28.59	2.78	4	110	0.179	SE
F1A	20190925	Sunny	Moderate	Mid-Ebb	S	1	11:02	6.18	8.24	27.52	28.65	3.07	4	109	0.218	S
H1	20190925	Sunny	Moderate	Mid-Ebb	B	6.8	9:59	6.19	7.86	27.47	28.79	3.01	4	110	0.175	SE
H1	20190925	Sunny	Moderate	Mid-Ebb	B	6.8	9:59	6.2	8.1	27.62	28.71	2.92	5	108	0.12	S
H1	20190925	Sunny	Moderate	Mid-Ebb	M	3.9	10:00	5.99	8.18	27.46	28.64	2.98	6	109	0.216	SE
H1	20190925	Sunny	Moderate	Mid-Ebb	M	3.9	10:00	6.51	8.22	27.66	28.7	2.87	5	110	0.116	SE
H1	20190925	Sunny	Moderate	Mid-Ebb	S	1	10:01	6.2	7.99	27.57	28.71	2.81	6	110	0.169	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	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	20190925	Sunny	Moderate	Mid-Ebb	S	1	10:01	6.44	7.91	27.51	28.68	2.89	5	110	0.233	S
M1	20190925	Sunny	Moderate	Mid-Ebb	B	7.9	11:32	6.08	8.07	27.41	28.91	2.8	6	109	0.096	SE
M1	20190925	Sunny	Moderate	Mid-Ebb	B	7.9	11:32	5.96	8.01	27.67	28.98	2.66	6	109	0.163	S
M1	20190925	Sunny	Moderate	Mid-Ebb	M	4.45	11:33	6.29	8.16	27.61	28.76	2.63	7	109	0.106	SE
M1	20190925	Sunny	Moderate	Mid-Ebb	M	4.45	11:33	5.97	8.1	27.47	28.65	2.74	7	109	0.105	E
M1	20190925	Sunny	Moderate	Mid-Ebb	S	1	11:34	6.34	7.97	27.44	28.97	2.7	6	110	0.187	SE
M1	20190925	Sunny	Moderate	Mid-Ebb	S	1	11:34	6.43	8.04	27.66	28.89	2.91	6	109	0.114	SE
S1	20190925	Sunny	Moderate	Mid-Ebb	B	4.5	8:48	6.34	7.95	27.47	28.33	2.87	4	109	0.18	SE
S1	20190925	Sunny	Moderate	Mid-Ebb	B	4.5	8:48	6.42	8.21	27.62	28.27	2.54	3	109	0.119	SE
S1	20190925	Sunny	Moderate	Mid-Ebb	S	1	8:49	6.34	7.97	27.66	28.38	2.91	4	109	0.125	S
S1	20190925	Sunny	Moderate	Mid-Ebb	S	1	8:49	6.56	7.97	27.63	28.41	2.83	5	109	0.124	SE
S2A	20190925	Sunny	Moderate	Mid-Ebb	B	8.2	9:24	6.48	8.15	27.64	28.47	2.47	4	110	0.142	SE
S2A	20190925	Sunny	Moderate	Mid-Ebb	B	8.2	9:24	5.94	8	27.65	28.4	2.81	4	110	0.107	SE
S2A	20190925	Sunny	Moderate	Mid-Ebb	M	4.6	9:25	6.18	8.19	27.47	28.4	2.59	4	110	0.115	SE
S2A	20190925	Sunny	Moderate	Mid-Ebb	M	4.6	9:25	6.64	7.87	27.64	28.4	2.89	5	110	0.223	E
S2A	20190925	Sunny	Moderate	Mid-Ebb	S	1	9:26	6.42	8.22	27.47	28.67	3.26	4	108	0.206	S
S2A	20190925	Sunny	Moderate	Mid-Ebb	S	1	9:26	5.95	7.98	27.51	28.41	3.06	3	109	0.249	S
S3	20190925	Sunny	Moderate	Mid-Ebb	B	9.1	9:29	5.93	7.85	27.67	28.55	2.79	6	110	0.238	SE
S3	20190925	Sunny	Moderate	Mid-Ebb	B	9.1	9:29	6.08	8.06	27.53	28.59	2.5	7	110	0.187	E
S3	20190925	Sunny	Moderate	Mid-Ebb	M	5.05	9:30	6.6	7.99	27.48	28.65	2.61	5	110	0.24	S
S3	20190925	Sunny	Moderate	Mid-Ebb	M	5.05	9:30	6.36	8.17	27.64	28.53	2.96	6	110	0.192	SE
S3	20190925	Sunny	Moderate	Mid-Ebb	S	1	9:31	5.98	8.07	27.51	28.5	3.11	4	109	0.232	S
S3	20190925	Sunny	Moderate	Mid-Ebb	S	1	9:31	6.17	8.11	27.5	28.57	2.81	4	109	0.172	SE
B1	20190925	Sunny	Moderate	Mid-Flood	B	3.9	15:37	6.38	8.04	27.42	30.14	2.58	3	110	0.219	W
B1	20190925	Sunny	Moderate	Mid-Flood	B	3.9	15:37	6.5	7.83	27.79	30.43	2.33	2	109	0.172	SW
B1	20190925	Sunny	Moderate	Mid-Flood	S	1	15:38	6.59	8.12	27.3	30.25	3.15	3	109	0.139	W
B1	20190925	Sunny	Moderate	Mid-Flood	S	1	15:38	6.35	8.06	27.62	30.26	2.71	3	109	0.221	NW
B2	20190925	Sunny	Moderate	Mid-Flood	B	3.8	15:57	6.66	7.76	27.72	30.14	2.74	3	109	0.156	W
B2	20190925	Sunny	Moderate	Mid-Flood	B	3.8	15:57	6.4	7.92	27.4	30.23	2.9	4	109	0.142	SW

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	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	20190925	Sunny	Moderate	Mid-Flood	S	1	15:58	6.12	8.11	27.74	30.28	2.73	5	109	0.246	W
B2	20190925	Sunny	Moderate	Mid-Flood	S	1	15:58	6.78	7.81	27.46	30.28	3.04	4	109	0.193	W
B3	20190925	Sunny	Moderate	Mid-Flood	B	4.3	16:37	6.32	7.96	27.48	29.39	2.8	4	109	0.254	SW
B3	20190925	Sunny	Moderate	Mid-Flood	B	4.3	16:37	6.62	7.91	27.75	29.33	2.5	4	110	0.246	W
B3	20190925	Sunny	Moderate	Mid-Flood	S	1	16:38	6.13	7.99	27.71	29.44	3.17	3	110	0.137	NW
B3	20190925	Sunny	Moderate	Mid-Flood	S	1	16:38	6.66	7.93	27.88	29.64	2.85	2	109	0.133	SW
B4	20190925	Sunny	Moderate	Mid-Flood	B	3.5	16:47	6.61	8.01	27.4	29.47	2.66	4	109	0.201	W
B4	20190925	Sunny	Moderate	Mid-Flood	B	3.5	16:47	6.07	7.86	27.75	29.38	2.58	4	109	0.251	W
B4	20190925	Sunny	Moderate	Mid-Flood	S	1	16:48	6.74	8.05	27.44	29.53	2.89	4	110	0.278	NW
B4	20190925	Sunny	Moderate	Mid-Flood	S	1	16:48	6.38	7.8	27.71	29.51	2.73	5	109	0.225	W
C1A	20190925	Sunny	Moderate	Mid-Flood	B	10.2	15:12	6.24	7.96	27.36	30.31	2.61	7	110	0.174	W
C1A	20190925	Sunny	Moderate	Mid-Flood	B	10.2	15:12	6.33	8	27.74	30.06	2.49	6	110	0.142	SW
C1A	20190925	Sunny	Moderate	Mid-Flood	M	5.6	15:13	6.16	8.03	27.62	30.33	2.6	6	110	0.214	W
C1A	20190925	Sunny	Moderate	Mid-Flood	M	5.6	15:13	6.7	7.92	27.42	30.12	2.79	6	110	0.188	SW
C1A	20190925	Sunny	Moderate	Mid-Flood	S	1	15:14	6.82	8.1	27.67	30.16	2.84	8	109	0.132	W
C1A	20190925	Sunny	Moderate	Mid-Flood	S	1	15:14	6.16	7.79	27.5	30.17	3.1	7	109	0.202	SW
C2A	20190925	Sunny	Moderate	Mid-Flood	B	10.6	15:02	6.12	7.81	27.6	30.19	2.83	4	110	0.191	W
C2A	20190925	Sunny	Moderate	Mid-Flood	B	10.6	15:02	6.38	7.78	27.33	30.12	2.39	4	109	0.283	SW
C2A	20190925	Sunny	Moderate	Mid-Flood	M	5.8	15:03	6.23	7.99	27.83	30.14	2.98	5	109	0.23	W
C2A	20190925	Sunny	Moderate	Mid-Flood	M	5.8	15:03	6.22	7.91	27.37	30.13	2.61	6	109	0.187	W
C2A	20190925	Sunny	Moderate	Mid-Flood	S	1	15:04	6.55	8.08	27.33	30.25	2.85	8	109	0.134	W
C2A	20190925	Sunny	Moderate	Mid-Flood	S	1	15:04	6.82	7.9	27.7	30.13	2.82	7	109	0.132	W
CR1	20190925	Sunny	Moderate	Mid-Flood	B	11.8	15:26	6.71	7.83	27.39	30.12	2.6	3	110	0.179	NW
CR1	20190925	Sunny	Moderate	Mid-Flood	B	11.8	15:26	6.62	8.06	27.82	29.97	2.46	3	110	0.123	W
CR1	20190925	Sunny	Moderate	Mid-Flood	M	6.4	15:27	6.77	8.08	27.63	30.01	2.77	3	111	0.133	W
CR1	20190925	Sunny	Moderate	Mid-Flood	M	6.4	15:27	6.89	8.04	27.53	30.14	2.78	4	109	0.284	NW
CR1	20190925	Sunny	Moderate	Mid-Flood	S	1	15:28	6.03	7.84	27.58	30.11	3.25	4	109	0.185	SW
CR1	20190925	Sunny	Moderate	Mid-Flood	S	1	15:28	6.81	8.02	27.38	30.14	3.23	3	110	0.177	W
CR2	20190925	Sunny	Moderate	Mid-Flood	B	10.7	15:53	6.37	8.04	27.31	30.04	2.84	2	110	0.252	SW

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	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	20190925	Sunny	Moderate	Mid-Flood	B	10.7	15:53	6.14	7.97	27.58	30.29	2.53	3	109	0.281	W
CR2	20190925	Sunny	Moderate	Mid-Flood	M	5.85	15:54	6.43	8.05	27.87	30.22	2.62	3	110	0.286	NW
CR2	20190925	Sunny	Moderate	Mid-Flood	M	5.85	15:54	6.03	7.87	27.86	30.1	2.96	3	110	0.156	SW
CR2	20190925	Sunny	Moderate	Mid-Flood	S	1	15:55	6.45	7.99	27.77	30.32	2.83	3	110	0.21	W
CR2	20190925	Sunny	Moderate	Mid-Flood	S	1	15:55	6.07	7.95	27.54	30.31	2.69	2	109	0.231	W
F1A	20190925	Sunny	Moderate	Mid-Flood	B	7.6	17:05	6.6	7.75	27.89	29.13	2.4	25	109	0.289	W
F1A	20190925	Sunny	Moderate	Mid-Flood	B	7.6	17:05	6.31	7.91	27.52	29.2	2.46	12	109	0.271	SW
F1A	20190925	Sunny	Moderate	Mid-Flood	M	4.3	17:06	6.42	7.9	27.45	29.36	2.76	6	109	0.123	W
F1A	20190925	Sunny	Moderate	Mid-Flood	M	4.3	17:06	6.27	7.83	27.48	29.27	2.56	30	109	0.165	SW
F1A	20190925	Sunny	Moderate	Mid-Flood	S	1	17:07	6.84	8.05	27.9	29.14	2.78	16	109	0.252	W
F1A	20190925	Sunny	Moderate	Mid-Flood	S	1	17:07	6.17	7.97	27.74	29.33	2.99	14	109	0.271	NW
H1	20190925	Sunny	Moderate	Mid-Flood	B	6.7	16:11	6.6	7.96	27.65	29.79	2.69	4	109	0.242	NW
H1	20190925	Sunny	Moderate	Mid-Flood	B	6.7	16:11	6.03	8.13	27.71	30.01	2.32	4	109	0.159	SW
H1	20190925	Sunny	Moderate	Mid-Flood	M	3.85	16:12	6.48	7.9	27.54	29.82	2.95	4	109	0.142	W
H1	20190925	Sunny	Moderate	Mid-Flood	M	3.85	16:12	6.6	7.79	27.3	29.9	3.09	3	109	0.192	W
H1	20190925	Sunny	Moderate	Mid-Flood	S	1	16:13	6.74	7.78	27.87	29.71	2.69	5	109	0.229	W
H1	20190925	Sunny	Moderate	Mid-Flood	S	1	16:13	6.3	7.88	27.35	29.91	3.05	4	109	0.124	NW
M1	20190925	Sunny	Moderate	Mid-Flood	B	7.6	17:39	6.76	8.07	27.57	29.44	2.32	5	109	0.18	NW
M1	20190925	Sunny	Moderate	Mid-Flood	B	7.6	17:39	6.27	7.89	27.65	29.53	2.45	4	109	0.226	W
M1	20190925	Sunny	Moderate	Mid-Flood	M	4.3	17:40	6.65	7.78	27.84	29.6	3.01	3	109	0.254	W
M1	20190925	Sunny	Moderate	Mid-Flood	M	4.3	17:40	6.66	8.08	27.55	29.35	2.98	4	110	0.205	SW
M1	20190925	Sunny	Moderate	Mid-Flood	S	1	17:41	6.14	8.04	27.63	29.21	2.7	3	109	0.14	W
M1	20190925	Sunny	Moderate	Mid-Flood	S	1	17:41	6.89	7.82	27.57	29.26	3.01	4	110	0.273	W
S1	20190925	Sunny	Moderate	Mid-Flood	B	4.4	15:47	6.86	7.88	27.81	30.28	2.55	4	109	0.275	W
S1	20190925	Sunny	Moderate	Mid-Flood	B	4.4	15:47	6.05	7.77	27.43	30.28	2.86	3	109	0.137	W
S1	20190925	Sunny	Moderate	Mid-Flood	S	1	15:48	6.4	7.84	27.5	30.08	3.09	5	110	0.231	W
S1	20190925	Sunny	Moderate	Mid-Flood	S	1	15:48	6.07	7.78	27.44	30.25	2.96	4	109	0.141	W
S2A	20190925	Sunny	Moderate	Mid-Flood	B	8.1	16:22	6.3	8.09	27.45	29.85	2.53	4	109	0.151	W
S2A	20190925	Sunny	Moderate	Mid-Flood	B	8.1	16:22	6.39	8.1	27.6	29.61	2.4	4	109	0.236	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	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	20190925	Sunny	Moderate	Mid-Flood	M	4.55	16:23	6.62	8.05	27.53	29.86	2.61	4	110	0.238	W
S2A	20190925	Sunny	Moderate	Mid-Flood	M	4.55	16:23	6.43	7.78	27.78	29.73	2.73	3	109	0.122	W
S2A	20190925	Sunny	Moderate	Mid-Flood	S	1	16:24	6.11	7.78	27.3	29.91	2.71	3	109	0.193	NW
S2A	20190925	Sunny	Moderate	Mid-Flood	S	1	16:24	6.83	8.01	27.63	29.89	3.02	2	109	0.223	SW
S3	20190925	Sunny	Moderate	Mid-Flood	B	9.3	15:41	6.72	8.1	27.65	30.23	2.5	5	110	0.244	NW
S3	20190925	Sunny	Moderate	Mid-Flood	B	9.3	15:41	6.79	7.87	27.57	30.16	2.68	5	109	0.213	W
S3	20190925	Sunny	Moderate	Mid-Flood	M	5.15	15:42	6.08	7.78	27.39	30.09	2.77	4	108	0.155	SW
S3	20190925	Sunny	Moderate	Mid-Flood	M	5.15	15:42	6.39	7.99	27.67	30.1	2.69	4	109	0.196	W
S3	20190925	Sunny	Moderate	Mid-Flood	S	1	15:43	6.51	8.13	27.67	30.3	3.1	4	109	0.253	W
S3	20190925	Sunny	Moderate	Mid-Flood	S	1	15:43	6.87	7.88	27.53	30.2	3.24	4	109	0.284	SW
B1	20190927	Cloudy	Moderate	Mid-Ebb	B	3.8	9:54	6.27	8.15	27.44	28.4	3	11	111	0.151	E
B1	20190927	Cloudy	Moderate	Mid-Ebb	B	3.8	9:54	6.07	8.1	27.53	28.45	2.62	12	111	0.157	SE
B1	20190927	Cloudy	Moderate	Mid-Ebb	S	1	9:55	6.63	8.05	27.7	28.46	3.26	9	110	0.199	E
B1	20190927	Cloudy	Moderate	Mid-Ebb	S	1	9:55	5.96	7.94	27.52	28.54	2.9	10	111	0.129	S
B2	20190927	Cloudy	Moderate	Mid-Ebb	B	4.3	10:21	6.43	8.14	27.32	28.51	2.94	11	111	0.1	SE
B2	20190927	Cloudy	Moderate	Mid-Ebb	B	4.3	10:21	6.18	8.15	27.31	28.3	2.88	12	110	0.146	SE
B2	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:22	6.06	8.13	27.42	28.54	2.82	10	111	0.137	S
B2	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:22	6.75	8.23	27.41	28.41	3.26	11	111	0.135	SE
B3	20190927	Cloudy	Moderate	Mid-Ebb	B	3.4	11:20	6.28	8.19	27.62	28.55	2.81	10	111	0.194	S
B3	20190927	Cloudy	Moderate	Mid-Ebb	B	3.4	11:20	6.84	7.93	27.45	28.78	2.57	11	111	0.122	SE
B3	20190927	Cloudy	Moderate	Mid-Ebb	S	1	11:21	6.73	8.05	27.5	28.58	2.77	10	111	0.21	E
B3	20190927	Cloudy	Moderate	Mid-Ebb	S	1	11:21	6.84	8.22	27.47	28.73	3.11	11	111	0.076	SE
B4	20190927	Cloudy	Moderate	Mid-Ebb	B	3.9	11:30	6.29	7.86	27.41	28.61	2.91	13	111	0.104	E
B4	20190927	Cloudy	Moderate	Mid-Ebb	B	3.9	11:30	6.31	7.9	27.65	28.64	2.98	13	111	0.221	E
B4	20190927	Cloudy	Moderate	Mid-Ebb	S	1	11:31	6.02	8.16	27.44	28.62	2.83	10	111	0.128	SE
B4	20190927	Cloudy	Moderate	Mid-Ebb	S	1	11:31	5.94	8.16	27.39	28.54	2.84	11	111	0.25	SE
C1A	20190927	Cloudy	Moderate	Mid-Ebb	B	9.5	9:21	6.25	8.05	27.44	28.4	2.73	10	111	0.232	SE
C1A	20190927	Cloudy	Moderate	Mid-Ebb	B	9.5	9:21	6.5	7.98	27.54	28.1	2.77	10	111	0.101	SE
C1A	20190927	Cloudy	Moderate	Mid-Ebb	M	5.25	9:22	6.8	8.24	27.38	28.33	2.74	12	111	0.151	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	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	20190927	Cloudy	Moderate	Mid-Ebb	M	5.25	9:22	6.77	7.89	27.35	28.29	2.88	12	110	0.12	SE
C1A	20190927	Cloudy	Moderate	Mid-Ebb	S	1	9:23	6.01	7.86	27.36	28.35	3.17	11	111	0.233	SE
C1A	20190927	Cloudy	Moderate	Mid-Ebb	S	1	9:23	6.6	8.15	27.36	28.22	2.71	12	111	0.207	SE
C2A	20190927	Cloudy	Moderate	Mid-Ebb	B	11.1	10:08	6.13	8.19	27.46	28.33	2.76	10	110	0.188	S
C2A	20190927	Cloudy	Moderate	Mid-Ebb	B	11.1	10:08	6.29	8.17	27.32	28.53	2.7	11	111	0.11	SE
C2A	20190927	Cloudy	Moderate	Mid-Ebb	M	6.05	10:09	5.96	7.86	27.66	28.4	2.86	9	111	0.197	S
C2A	20190927	Cloudy	Moderate	Mid-Ebb	M	6.05	10:09	6.22	7.93	27.42	28.33	2.7	8	110	0.106	E
C2A	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:10	6.62	8.16	27.62	28.38	2.74	8	111	0.149	SE
C2A	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:10	6.84	7.94	27.63	28.55	2.72	7	111	0.092	SE
CR1	20190927	Cloudy	Moderate	Mid-Ebb	B	12.7	10:21	6.51	7.91	27.7	28.43	2.47	10	111	0.235	SE
CR1	20190927	Cloudy	Moderate	Mid-Ebb	B	12.7	10:21	6.32	8	27.38	28.42	2.6	9	111	0.116	E
CR1	20190927	Cloudy	Moderate	Mid-Ebb	M	6.85	10:22	6.48	8.08	27.54	28.57	2.89	9	111	0.24	S
CR1	20190927	Cloudy	Moderate	Mid-Ebb	M	6.85	10:22	6.32	8.1	27.7	28.53	2.64	8	111	0.163	E
CR1	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:23	6.31	8.23	27.4	28.35	2.92	8	112	0.205	S
CR1	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:23	6.53	7.99	27.37	28.56	3.14	8	110	0.137	E
CR2	20190927	Cloudy	Moderate	Mid-Ebb	B	10.5	10:46	6.86	8.06	27.52	28.49	2.59	9	111	0.192	SE
CR2	20190927	Cloudy	Moderate	Mid-Ebb	B	10.5	10:46	6.34	8.13	27.53	28.48	2.62	8	111	0.206	S
CR2	20190927	Cloudy	Moderate	Mid-Ebb	M	5.75	10:47	6.84	7.93	27.69	28.41	3.03	7	111	0.234	SE
CR2	20190927	Cloudy	Moderate	Mid-Ebb	M	5.75	10:47	6.8	8.09	27.45	28.45	3	8	110	0.188	S
CR2	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:48	6.33	7.97	27.56	28.44	3.22	8	111	0.092	SE
CR2	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:48	6.74	7.99	27.58	28.58	2.93	9	111	0.161	S
F1A	20190927	Cloudy	Moderate	Mid-Ebb	B	7.6	11:51	6.31	8.04	27.45	28.6	2.76	11	111	0.204	SE
F1A	20190927	Cloudy	Moderate	Mid-Ebb	B	7.6	11:51	6.83	8.19	27.63	28.43	2.65	12	111	0.214	SE
F1A	20190927	Cloudy	Moderate	Mid-Ebb	M	4.3	11:52	6.66	8.19	27.53	28.5	2.75	12	110	0.085	SE
F1A	20190927	Cloudy	Moderate	Mid-Ebb	M	4.3	11:52	6.46	8.21	27.64	28.59	2.87	10	110	0.201	S
F1A	20190927	Cloudy	Moderate	Mid-Ebb	S	1	11:53	6.79	8.13	27.64	28.38	3.1	10	111	0.223	S
F1A	20190927	Cloudy	Moderate	Mid-Ebb	S	1	11:53	6.6	8.07	27.35	28.44	2.95	11	111	0.204	SE
H1	20190927	Cloudy	Moderate	Mid-Ebb	B	7.5	11:03	6.1	7.86	27.63	28.67	2.74	11	111	0.17	SE
H1	20190927	Cloudy	Moderate	Mid-Ebb	B	7.5	11:03	6.56	8.19	27.49	28.61	2.94	12	111	0.102	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	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	20190927	Cloudy	Moderate	Mid-Ebb	M	4.25	11:04	6	8.1	27.32	28.6	2.57	12	111	0.125	E
H1	20190927	Cloudy	Moderate	Mid-Ebb	M	4.25	11:04	6.42	7.96	27.4	28.51	3.07	12	111	0.114	SE
H1	20190927	Cloudy	Moderate	Mid-Ebb	S	1	11:05	6.62	7.97	27.5	28.44	3.17	8	111	0.244	E
H1	20190927	Cloudy	Moderate	Mid-Ebb	S	1	11:05	6.39	7.86	27.63	28.42	3.03	8	111	0.156	S
M1	20190927	Cloudy	Moderate	Mid-Ebb	B	8.8	12:26	6.49	8.17	27.42	28.47	2.93	6	110	0.24	S
M1	20190927	Cloudy	Moderate	Mid-Ebb	B	8.8	12:26	6.77	8.09	27.48	28.53	2.59	8	110	0.164	S
M1	20190927	Cloudy	Moderate	Mid-Ebb	M	4.9	12:27	6.54	7.87	27.47	28.45	2.66	7	111	0.143	SE
M1	20190927	Cloudy	Moderate	Mid-Ebb	M	4.9	12:27	6.62	7.95	27.4	28.48	2.9	6	110	0.081	E
M1	20190927	Cloudy	Moderate	Mid-Ebb	S	1	12:28	6.17	8.13	27.43	28.43	2.93	7	111	0.236	E
M1	20190927	Cloudy	Moderate	Mid-Ebb	S	1	12:28	6.33	7.92	27.56	28.4	2.97	7	111	0.198	SE
S1	20190927	Cloudy	Moderate	Mid-Ebb	B	3.9	10:06	6.15	7.96	27.31	28.3	2.88	16	111	0.151	E
S1	20190927	Cloudy	Moderate	Mid-Ebb	B	3.9	10:06	6.83	8.24	27.65	28.42	2.76	16	111	0.124	SE
S1	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:07	6.5	7.94	27.5	28.47	3.2	14	110	0.127	S
S1	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:07	6.23	8.04	27.6	28.37	3.08	15	110	0.223	S
S2A	20190927	Cloudy	Moderate	Mid-Ebb	B	8.6	10:46	6.57	8.06	27.49	28.45	2.74	13	111	0.146	SE
S2A	20190927	Cloudy	Moderate	Mid-Ebb	B	8.6	10:46	6.2	8.02	27.65	28.4	2.83	12	110	0.172	SE
S2A	20190927	Cloudy	Moderate	Mid-Ebb	M	4.8	10:47	5.93	8.11	27.47	28.43	2.54	14	112	0.144	SE
S2A	20190927	Cloudy	Moderate	Mid-Ebb	M	4.8	10:47	6.16	8.16	27.47	28.58	2.98	14	111	0.157	S
S2A	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:48	6.72	8.05	27.53	28.34	3.26	15	112	0.24	SE
S2A	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:48	6.52	8.11	27.51	28.55	2.71	15	111	0.226	SE
S3	20190927	Cloudy	Moderate	Mid-Ebb	B	10.1	10:35	6.65	8.18	27.48	28.46	2.93	8	110	0.108	SE
S3	20190927	Cloudy	Moderate	Mid-Ebb	B	10.1	10:35	6.48	8.17	27.48	28.35	2.84	8	110	0.077	E
S3	20190927	Cloudy	Moderate	Mid-Ebb	M	5.55	10:36	6.72	7.93	27.42	28.46	2.95	7	111	0.25	S
S3	20190927	Cloudy	Moderate	Mid-Ebb	M	5.55	10:36	6.78	7.96	27.42	28.44	2.86	8	112	0.08	SE
S3	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:37	6.85	7.99	27.64	28.46	3.09	8	111	0.151	S
S3	20190927	Cloudy	Moderate	Mid-Ebb	S	1	10:37	6.62	8.06	27.44	28.45	3	7	111	0.19	E
B1	20190927	Cloudy	Moderate	Mid-Flood	B	4.5	15:42	6.25	8.11	27.22	29.76	2.35	11	111	0.286	NW
B1	20190927	Cloudy	Moderate	Mid-Flood	B	4.5	15:42	6.37	7.75	27.36	29.63	2.42	11	112	0.124	W
B1	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:43	6.16	8.1	27.78	29.77	2.92	9	113	0.198	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	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	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:43	6.18	8.19	27.42	29.81	2.7	9	111	0.24	W
B2	20190927	Cloudy	Moderate	Mid-Flood	B	4.1	16:08	6.47	7.75	27.61	29.7	2.67	15	111	0.233	W
B2	20190927	Cloudy	Moderate	Mid-Flood	B	4.1	16:08	6.08	7.84	27.69	29.57	2.85	15	111	0.172	W
B2	20190927	Cloudy	Moderate	Mid-Flood	S	1	16:09	6.23	7.83	27.26	29.68	3.25	13	111	0.266	SW
B2	20190927	Cloudy	Moderate	Mid-Flood	S	1	16:09	6.88	7.83	27.21	29.71	2.98	13	111	0.244	SW
B3	20190927	Cloudy	Moderate	Mid-Flood	B	4.2	16:17	6.74	7.79	27.63	29.69	2.78	16	112	0.221	W
B3	20190927	Cloudy	Moderate	Mid-Flood	B	4.2	16:17	6.23	8.06	27.2	29.53	2.47	16	111	0.213	SW
B3	20190927	Cloudy	Moderate	Mid-Flood	S	1	16:18	6.66	8.08	27.7	29.61	2.95	14	111	0.198	W
B3	20190927	Cloudy	Moderate	Mid-Flood	S	1	16:18	6.73	7.99	27.2	29.47	3.17	16	112	0.211	SW
B4	20190927	Cloudy	Moderate	Mid-Flood	B	3.6	16:28	6.84	8.05	27.78	29.49	2.51	18	111	0.123	NW
B4	20190927	Cloudy	Moderate	Mid-Flood	B	3.6	16:28	6.28	8.02	27.28	29.49	2.89	17	112	0.259	W
B4	20190927	Cloudy	Moderate	Mid-Flood	S	1	16:29	6.51	8.06	27.77	29.67	3.26	18	111	0.204	SW
B4	20190927	Cloudy	Moderate	Mid-Flood	S	1	16:29	6.25	7.92	27.72	29.55	3.14	18	111	0.194	SW
C1A	20190927	Cloudy	Moderate	Mid-Flood	B	9.9	15:12	6.2	7.86	27.24	29.93	2.37	12	112	0.267	NW
C1A	20190927	Cloudy	Moderate	Mid-Flood	B	9.9	15:12	6.35	7.81	27.23	29.81	2.83	11	112	0.244	W
C1A	20190927	Cloudy	Moderate	Mid-Flood	M	5.45	15:13	6.79	8.18	27.69	29.85	3.12	11	111	0.184	NW
C1A	20190927	Cloudy	Moderate	Mid-Flood	M	5.45	15:13	6.18	7.78	27.83	29.98	2.97	10	112	0.125	W
C1A	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:14	6.29	8.1	27.47	29.94	2.98	10	111	0.261	W
C1A	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:14	6.45	7.81	27.3	29.92	2.71	10	112	0.13	W
C2A	20190927	Cloudy	Moderate	Mid-Flood	B	10.1	15:07	6.36	8.09	27.68	29.9	2.35	13	112	0.13	SW
C2A	20190927	Cloudy	Moderate	Mid-Flood	B	10.1	15:07	6.1	7.85	27.79	29.88	2.44	13	111	0.222	SW
C2A	20190927	Cloudy	Moderate	Mid-Flood	M	5.55	15:08	6.76	7.93	27.71	29.85	2.78	11	112	0.194	NW
C2A	20190927	Cloudy	Moderate	Mid-Flood	M	5.55	15:08	6.62	8.06	27.21	29.95	2.76	11	112	0.196	NW
C2A	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:09	6.83	8.19	27.83	29.94	3.18	10	111	0.168	W
C2A	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:09	6.89	7.96	27.42	29.81	2.73	10	111	0.158	W
CR1	20190927	Cloudy	Moderate	Mid-Flood	B	11.3	15:22	6.74	8	27.43	29.88	2.58	12	112	0.158	W
CR1	20190927	Cloudy	Moderate	Mid-Flood	B	11.3	15:22	6.31	8.17	27.3	29.92	2.33	14	110	0.246	NW
CR1	20190927	Cloudy	Moderate	Mid-Flood	M	6.15	15:23	6.45	8.07	27.42	29.9	2.59	12	110	0.244	W
CR1	20190927	Cloudy	Moderate	Mid-Flood	M	6.15	15:23	6.24	7.85	27.42	29.83	2.98	12	111	0.273	SW

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	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	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:24	6.52	7.8	27.51	29.98	3.13	11	112	0.189	SW
CR1	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:24	6.77	8.1	27.45	29.99	2.7	12	111	0.216	W
CR2	20190927	Cloudy	Moderate	Mid-Flood	B	10.9	15:41	6.09	7.87	27.49	29.73	2.81	12	111	0.246	SW
CR2	20190927	Cloudy	Moderate	Mid-Flood	B	10.9	15:41	6.82	7.81	27.57	29.64	2.7	12	111	0.163	W
CR2	20190927	Cloudy	Moderate	Mid-Flood	M	5.95	15:42	6.68	7.82	27.42	29.8	2.83	10	112	0.18	W
CR2	20190927	Cloudy	Moderate	Mid-Flood	M	5.95	15:42	6.61	8.01	27.7	29.76	2.87	10	112	0.243	NW
CR2	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:43	6.29	7.89	27.49	29.79	2.75	12	111	0.136	W
CR2	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:43	6.74	7.83	27.65	29.78	2.98	12	112	0.126	W
F1A	20190927	Cloudy	Moderate	Mid-Flood	B	7.7	17:34	6.09	7.87	27.57	28.87	2.65	11	112	0.267	W
F1A	20190927	Cloudy	Moderate	Mid-Flood	B	7.7	17:34	6.52	8.03	27.7	28.78	2.44	11	112	0.2	W
F1A	20190927	Cloudy	Moderate	Mid-Flood	M	4.35	17:35	6.8	8.18	27.39	28.93	3.09	11	112	0.212	W
F1A	20190927	Cloudy	Moderate	Mid-Flood	M	4.35	17:35	6.37	8.03	27.61	28.81	2.97	10	111	0.173	W
F1A	20190927	Cloudy	Moderate	Mid-Flood	S	1	17:36	6.54	7.98	27.49	28.88	2.72	10	112	0.141	W
F1A	20190927	Cloudy	Moderate	Mid-Flood	S	1	17:36	6.51	8.15	27.72	28.97	2.79	10	111	0.203	W
H1	20190927	Cloudy	Moderate	Mid-Flood	B	7.4	16:01	6.09	7.85	27.56	29.67	2.59	11	111	0.233	NW
H1	20190927	Cloudy	Moderate	Mid-Flood	B	7.4	16:01	6.75	8.18	27.25	29.53	2.55	11	112	0.176	SW
H1	20190927	Cloudy	Moderate	Mid-Flood	M	4.2	16:02	6.48	7.83	27.38	29.69	2.87	14	112	0.204	W
H1	20190927	Cloudy	Moderate	Mid-Flood	M	4.2	16:02	6.06	8.09	27.58	29.67	3.04	12	112	0.125	W
H1	20190927	Cloudy	Moderate	Mid-Flood	S	1	16:03	6.32	8.01	27.76	29.56	2.86	16	111	0.165	SW
H1	20190927	Cloudy	Moderate	Mid-Flood	S	1	16:03	6.8	7.81	27.4	29.66	3.21	15	111	0.197	W
M1	20190927	Cloudy	Moderate	Mid-Flood	B	6.8	18:04	6.34	8.11	27.39	28.57	2.53	13	111	0.256	SW
M1	20190927	Cloudy	Moderate	Mid-Flood	B	6.8	18:04	6.51	7.88	27.57	28.7	2.85	12	111	0.234	W
M1	20190927	Cloudy	Moderate	Mid-Flood	M	3.9	18:05	6.64	7.85	27.73	28.49	3.12	10	111	0.256	NW
M1	20190927	Cloudy	Moderate	Mid-Flood	M	3.9	18:05	6.13	7.76	27.62	28.47	2.59	10	111	0.159	W
M1	20190927	Cloudy	Moderate	Mid-Flood	S	1	18:06	6.16	7.85	27.51	28.62	3.03	10	111	0.277	W
M1	20190927	Cloudy	Moderate	Mid-Flood	S	1	18:06	6.17	8.12	27.47	28.58	3.02	11	112	0.189	W
S1	20190927	Cloudy	Moderate	Mid-Flood	B	4.3	15:54	6.32	8.11	27.63	29.57	2.76	10	111	0.172	W
S1	20190927	Cloudy	Moderate	Mid-Flood	B	4.3	15:54	6.5	7.95	27.55	29.53	2.49	11	112	0.176	W
S1	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:55	6.24	7.75	27.49	29.65	2.67	9	111	0.176	SW

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	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	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:55	6.82	7.93	27.82	29.67	2.84	10	112	0.2	SW
S2A	20190927	Cloudy	Moderate	Mid-Flood	B	8.5	16:33	6.36	7.79	27.68	29.65	2.37	11	112	0.237	W
S2A	20190927	Cloudy	Moderate	Mid-Flood	B	8.5	16:33	6.6	7.83	27.57	29.54	2.53	11	112	0.183	W
S2A	20190927	Cloudy	Moderate	Mid-Flood	M	4.75	16:34	6.59	8.14	27.34	29.5	2.96	9	111	0.216	W
S2A	20190927	Cloudy	Moderate	Mid-Flood	M	4.75	16:34	6.27	7.78	27.54	29.52	3.1	10	111	0.123	SW
S2A	20190927	Cloudy	Moderate	Mid-Flood	S	1	16:35	6.57	7.85	27.35	29.6	3.07	9	112	0.224	W
S2A	20190927	Cloudy	Moderate	Mid-Flood	S	1	16:35	6.53	7.75	27.79	29.65	2.71	9	112	0.281	W
S3	20190927	Cloudy	Moderate	Mid-Flood	B	8.3	15:33	6.06	8.01	27.4	29.8	2.36	12	112	0.22	SW
S3	20190927	Cloudy	Moderate	Mid-Flood	B	8.3	15:33	6.54	7.86	27.65	29.8	2.54	13	111	0.237	NW
S3	20190927	Cloudy	Moderate	Mid-Flood	M	4.65	15:34	6.42	7.85	27.22	29.89	2.9	9	110	0.262	NW
S3	20190927	Cloudy	Moderate	Mid-Flood	M	4.65	15:34	6.29	7.96	27.49	29.77	2.6	10	111	0.203	W
S3	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:35	6.13	8.09	27.26	29.82	3.03	10	112	0.253	W
S3	20190927	Cloudy	Moderate	Mid-Flood	S	1	15:35	6.34	8.14	27.73	29.83	2.93	11	110	0.124	SW
B1	20190930	Cloudy	Moderate	Mid-Flood	B	3.5	8:39	6.96	7.91	27.45	28.54	2.37	7	109	0.183	SW
B1	20190930	Cloudy	Moderate	Mid-Flood	B	3.5	8:39	6.43	8	27.43	28.4	2.8	7	109	0.241	NW
B1	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:40	6.46	7.95	27.61	28.54	3.23	8	110	0.146	W
B1	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:40	6.82	8.25	27.58	28.71	2.76	8	109	0.255	NW
B2	20190930	Cloudy	Moderate	Mid-Flood	B	4	9:00	6.81	8.16	27.01	28.72	2.38	7	109	0.186	W
B2	20190930	Cloudy	Moderate	Mid-Flood	B	4	9:00	6.29	7.99	27.74	28.6	2.47	7	109	0.152	NW
B2	20190930	Cloudy	Moderate	Mid-Flood	S	1	9:01	6.93	8.23	27.17	28.63	3.2	7	109	0.291	W
B2	20190930	Cloudy	Moderate	Mid-Flood	S	1	9:01	6.54	7.92	27.66	28.58	3.12	7	109	0.269	NW
B3	20190930	Cloudy	Moderate	Mid-Flood	B	3.7	9:29	6.17	7.92	27.77	28.73	2.81	8	108	0.213	W
B3	20190930	Cloudy	Moderate	Mid-Flood	B	3.7	9:29	6.33	8.19	27.75	29	2.47	8	109	0.252	W
B3	20190930	Cloudy	Moderate	Mid-Flood	S	1	9:30	6.87	8.1	27.61	29.05	2.98	7	109	0.222	W
B3	20190930	Cloudy	Moderate	Mid-Flood	S	1	9:30	6.68	8.22	27.23	28.76	2.82	7	110	0.286	SW
B4	20190930	Cloudy	Moderate	Mid-Flood	B	3.8	9:38	6.21	7.87	27.66	28.8	2.44	7	109	0.154	W
B4	20190930	Cloudy	Moderate	Mid-Flood	B	3.8	9:38	6.31	8.27	27.42	28.76	2.58	7	108	0.151	NW
B4	20190930	Cloudy	Moderate	Mid-Flood	S	1	9:39	6.77	7.93	27.42	28.98	2.85	6	109	0.256	W
B4	20190930	Cloudy	Moderate	Mid-Flood	S	1	9:39	6.94	8.11	27.16	29.02	3.17	7	109	0.144	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	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	20190930	Cloudy	Moderate	Mid-Flood	B	9.8	8:15	6.9	8.25	27.49	28.54	2.87	9	110	0.285	W
C1A	20190930	Cloudy	Moderate	Mid-Flood	B	9.8	8:15	6.92	8.17	27.11	28.42	2.71	8	108	0.286	W
C1A	20190930	Cloudy	Moderate	Mid-Flood	M	5.4	8:16	6.14	8.03	27.4	28.76	2.86	7	108	0.177	W
C1A	20190930	Cloudy	Moderate	Mid-Flood	M	5.4	8:16	6.95	8.14	27.29	28.47	3.12	6	108	0.278	W
C1A	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:17	6.13	8.25	27.18	28.44	3.23	6	108	0.182	W
C1A	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:17	6.89	7.93	27.24	28.49	2.85	7	108	0.252	NW
C2A	20190930	Cloudy	Moderate	Mid-Flood	B	10.4	8:00	6.08	8.2	27.71	28.47	2.58	9	108	0.223	W
C2A	20190930	Cloudy	Moderate	Mid-Flood	B	10.4	8:00	6.05	8.27	27.55	28.38	2.48	9	109	0.135	W
C2A	20190930	Cloudy	Moderate	Mid-Flood	M	5.7	8:01	6.95	8.12	27.03	28.48	3.03	9	108	0.265	W
C2A	20190930	Cloudy	Moderate	Mid-Flood	M	5.7	8:01	7.11	8.08	27.23	28.6	2.56	8	108	0.137	W
C2A	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:02	6.18	8.25	27.05	28.41	3.17	7	108	0.194	NW
C2A	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:02	6.29	8.15	27.24	28.64	2.9	8	108	0.257	NW
CR1	20190930	Cloudy	Moderate	Mid-Flood	B	11	8:18	6.29	7.89	27.01	28.49	2.78	9	109	0.214	SW
CR1	20190930	Cloudy	Moderate	Mid-Flood	B	11	8:18	6.77	7.95	27.36	28.44	2.58	8	108	0.227	W
CR1	20190930	Cloudy	Moderate	Mid-Flood	M	6	8:19	6.62	8.18	27.22	28.57	2.71	7	108	0.16	W
CR1	20190930	Cloudy	Moderate	Mid-Flood	M	6	8:19	6.97	8.04	27.6	28.63	2.55	8	110	0.258	W
CR1	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:20	6.69	7.93	27.67	28.4	2.99	6	108	0.162	W
CR1	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:20	6.89	7.86	27.43	28.59	2.89	5	109	0.25	W
CR2	20190930	Cloudy	Moderate	Mid-Flood	B	10	8:47	6.61	8.04	27.38	28.63	2.9	8	108	0.202	W
CR2	20190930	Cloudy	Moderate	Mid-Flood	B	10	8:47	7.02	8.16	27.14	28.7	2.49	9	109	0.263	SW
CR2	20190930	Cloudy	Moderate	Mid-Flood	M	5.5	8:48	6.79	7.96	27.5	28.56	3.12	7	109	0.273	W
CR2	20190930	Cloudy	Moderate	Mid-Flood	M	5.5	8:48	6.22	8.22	27.24	28.67	2.64	6	109	0.273	W
CR2	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:49	6.23	8.2	27.76	28.53	2.82	6	109	0.215	W
CR2	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:49	6.26	8.09	27.8	28.54	3.02	6	109	0.202	SW
F1A _{note 4}	20190930	Cloudy	Moderate	Mid-Flood	B	7.7	10:29	6.62	8.22	27.15	28.94	2.37	10	109	0.162	W
F1A _{note 4}	20190930	Cloudy	Moderate	Mid-Flood	B	7.7	10:29	6.89	8.21	27.61	28.76	2.49	11	108	0.177	NW
F1A _{note 4}	20190930	Cloudy	Moderate	Mid-Flood	M	4.35	10:30	6.64	8.02	27.07	28.87	2.82	10	109	0.245	W
F1A _{note 4}	20190930	Cloudy	Moderate	Mid-Flood	M	4.35	10:30	7.03	7.91	27.53	28.89	3.05	11	108	0.255	NW
F1A _{note 4}	20190930	Cloudy	Moderate	Mid-Flood	S	1	10:31	6.76	7.94	27.64	28.93	2.75	10	109	0.257	SW

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	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 _{note 4}	20190930	Cloudy	Moderate	Mid-Flood	S	1	10:31	7.04	8.1	27.66	28.96	3.17	9	108	0.183	W
H1	20190930	Cloudy	Moderate	Mid-Flood	B	6.8	9:09	6.3	8.22	27.42	28.78	2.91	10	108	0.249	NW
H1	20190930	Cloudy	Moderate	Mid-Flood	B	6.8	9:09	6.11	7.92	27.7	28.92	2.84	9	109	0.218	W
H1	20190930	Cloudy	Moderate	Mid-Flood	M	3.9	9:10	6.96	7.89	27.6	28.64	2.66	9	108	0.278	W
H1	20190930	Cloudy	Moderate	Mid-Flood	M	3.9	9:10	6.46	7.96	27.38	28.9	2.81	8	108	0.223	SW
H1	20190930	Cloudy	Moderate	Mid-Flood	S	1	9:11	6.14	8.2	27.37	28.66	3.15	7	108	0.132	W
H1	20190930	Cloudy	Moderate	Mid-Flood	S	1	9:11	6.56	7.86	27.09	28.79	3.12	6	108	0.253	SW
M1 _{note 4}	20190930	Cloudy	Moderate	Mid-Flood	B	7.3	11:04	6.6	7.94	27.55	28.85	2.6	8	109	0.278	NW
M1 _{note 4}	20190930	Cloudy	Moderate	Mid-Flood	B	7.3	11:04	6.42	8.13	27.13	28.79	2.33	9	108	0.24	NW
M1 _{note 4}	20190930	Cloudy	Moderate	Mid-Flood	M	4.15	11:05	6.28	8.23	27.63	28.96	2.97	8	109	0.126	W
M1 _{note 4}	20190930	Cloudy	Moderate	Mid-Flood	M	4.15	11:05	6.11	8.25	27.79	28.78	2.56	9	108	0.146	W
M1 _{note 4}	20190930	Cloudy	Moderate	Mid-Flood	S	1	11:06	6.21	8.16	27.18	28.9	3.18	6	109	0.289	SW
M1 _{note 4}	20190930	Cloudy	Moderate	Mid-Flood	S	1	11:06	6.38	7.92	27.16	28.82	2.74	6	109	0.158	W
S1	20190930	Cloudy	Moderate	Mid-Flood	B	4.7	8:51	6.32	8.16	27.09	28.77	2.75	8	108	0.236	SW
S1	20190930	Cloudy	Moderate	Mid-Flood	B	4.7	8:51	6.84	8.23	27.59	28.63	2.37	7	109	0.147	W
S1	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:52	6.94	7.89	27.45	28.86	3.14	6	108	0.241	SW
S1	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:52	6.56	7.95	27.3	28.59	2.75	4	108	0.18	W
S2A	20190930	Cloudy	Moderate	Mid-Flood	B	8.5	9:24	6.19	8.01	27.23	28.88	2.72	7	108	0.197	W
S2A	20190930	Cloudy	Moderate	Mid-Flood	B	8.5	9:24	6.88	8.08	27.83	28.81	2.53	6	108	0.281	W
S2A	20190930	Cloudy	Moderate	Mid-Flood	M	4.75	9:25	6.25	8.17	27.64	28.59	2.75	6	108	0.122	W
S2A	20190930	Cloudy	Moderate	Mid-Flood	M	4.75	9:25	6.41	8.25	27.8	28.6	3.12	7	109	0.165	W
S2A	20190930	Cloudy	Moderate	Mid-Flood	S	1	9:26	6.1	8.22	27.16	28.74	2.79	6	108	0.279	SW
S2A	20190930	Cloudy	Moderate	Mid-Flood	S	1	9:26	7.04	8.08	27.56	28.93	3.17	5	109	0.275	SW
S3	20190930	Cloudy	Moderate	Mid-Flood	B	9.2	8:36	6.43	8.14	27.03	28.45	2.82	9	108	0.187	W
S3	20190930	Cloudy	Moderate	Mid-Flood	B	9.2	8:36	6.38	8.14	27.6	28.4	2.8	8	108	0.132	W
S3	20190930	Cloudy	Moderate	Mid-Flood	M	5.1	8:37	6.58	8.17	27.35	28.63	2.66	5	108	0.214	W
S3	20190930	Cloudy	Moderate	Mid-Flood	M	5.1	8:37	6.14	7.85	27.19	28.53	2.82	5	108	0.225	NW
S3	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:38	6.78	7.91	27.73	28.55	3.21	6	108	0.283	W
S3	20190930	Cloudy	Moderate	Mid-Flood	S	1	8:38	6.64	8.14	27.85	28.56	3	5	108	0.267	SW

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	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	20190930	Cloudy	Moderate	Mid-Ebb	B	3.5	13:17	5.92	8.13	27.56	30.22	2.9	9	110	0.126	E
B1	20190930	Cloudy	Moderate	Mid-Ebb	B	3.5	13:17	6.14	8.17	27.35	30.17	2.68	9	108	0.149	S
B1	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:18	6.69	8.19	27.12	30.51	2.78	6	109	0.149	SE
B1	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:18	6.85	8.2	27.2	30.57	2.75	7	109	0.245	E
B2	20190930	Cloudy	Moderate	Mid-Ebb	B	4.9	13:41	6.39	8.03	27.34	30.2	2.89	6	109	0.211	S
B2	20190930	Cloudy	Moderate	Mid-Ebb	B	4.9	13:41	6.47	8.2	27.26	30.54	2.97	6	110	0.191	SE
B2	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:42	6.38	8.21	27.58	30.14	3.02	4	108	0.216	E
B2	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:42	6.61	7.99	27.3	30.19	2.68	5	108	0.143	SE
B3	20190930	Cloudy	Moderate	Mid-Ebb	B	3.5	14:27	6.11	8.16	27.35	30.4	2.6	6	109	0.155	SE
B3	20190930	Cloudy	Moderate	Mid-Ebb	B	3.5	14:27	6.42	8.22	27.53	30.38	2.57	6	108	0.229	S
B3	20190930	Cloudy	Moderate	Mid-Ebb	S	1	14:28	5.95	8.07	27.4	30.53	2.7	5	108	0.23	SE
B3	20190930	Cloudy	Moderate	Mid-Ebb	S	1	14:28	6.61	8.1	27.4	30.45	2.97	4	109	0.133	S
B4	20190930	Cloudy	Moderate	Mid-Ebb	B	3.4	15:56	6.28	7.96	27.47	30.57	2.46	8	109	0.229	SE
B4	20190930	Cloudy	Moderate	Mid-Ebb	B	3.4	15:56	6.89	8.11	27.23	30.62	2.66	9	108	0.199	SE
B4	20190930	Cloudy	Moderate	Mid-Ebb	S	1	15:57	6.59	7.93	27.47	30.56	3.2	8	108	0.109	E
B4	20190930	Cloudy	Moderate	Mid-Ebb	S	1	15:57	6.48	7.88	27.31	30.59	2.98	8	109	0.129	S
C1A	20190930	Cloudy	Moderate	Mid-Ebb	B	8.4	12:48	6.38	8.07	27.52	30.33	2.85	10	109	0.225	E
C1A	20190930	Cloudy	Moderate	Mid-Ebb	B	8.4	12:48	6.67	8.21	27.39	30.43	2.49	9	109	0.188	E
C1A	20190930	Cloudy	Moderate	Mid-Ebb	M	4.7	12:49	6.79	7.92	27.3	30.19	2.61	9	108	0.163	SE
C1A	20190930	Cloudy	Moderate	Mid-Ebb	M	4.7	12:49	6.47	8.22	27.1	30.18	2.6	8	108	0.167	SE
C1A	20190930	Cloudy	Moderate	Mid-Ebb	S	1	12:50	6.54	8.12	27.72	30.14	2.89	6	109	0.226	S
C1A	20190930	Cloudy	Moderate	Mid-Ebb	S	1	12:50	6.3	8.06	27.66	30.5	3.12	7	109	0.188	E
C2A	20190930	Cloudy	Moderate	Mid-Ebb	B	11	12:58	6.51	8	27.3	30.3	2.55	9	110	0.159	SE
C2A	20190930	Cloudy	Moderate	Mid-Ebb	B	11	12:58	6.87	8.21	27.38	30.43	2.63	9	109	0.226	SE
C2A	20190930	Cloudy	Moderate	Mid-Ebb	M	6	12:59	5.99	7.94	27.55	30.24	2.98	7	109	0.118	SE
C2A	20190930	Cloudy	Moderate	Mid-Ebb	M	6	12:59	6.39	8.14	27.34	30.36	2.8	7	108	0.107	SE
C2A	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:00	6.48	7.99	27.17	30.29	3.24	6	109	0.174	SE
C2A	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:00	6.27	8.04	27.61	30.23	3.12	7	110	0.161	S
CR1	20190930	Cloudy	Moderate	Mid-Ebb	B	11.8	13:17	6.36	8.05	27.64	30.36	2.71	12	113	0.243	E

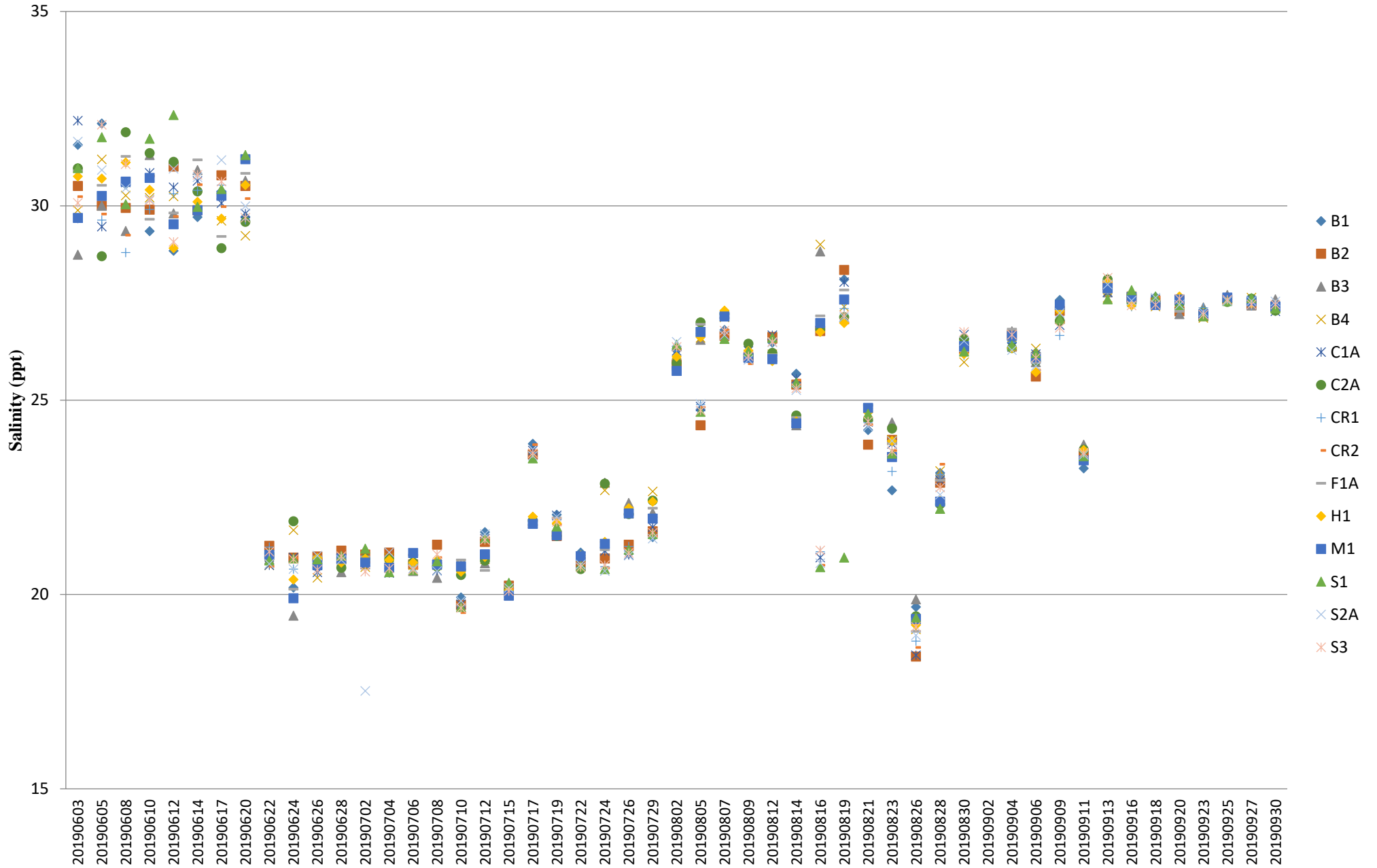
Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	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	20190930	Cloudy	Moderate	Mid-Ebb	B	11.8	13:17	6.31	7.99	27.78	30.19	2.45	12	113	0.082	SE
CR1	20190930	Cloudy	Moderate	Mid-Ebb	M	6.4	13:18	6.38	8.15	27.6	30.52	2.65	9	113	0.179	E
CR1	20190930	Cloudy	Moderate	Mid-Ebb	M	6.4	13:18	6.02	7.97	27.42	30.35	3.04	10	113	0.251	S
CR1	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:19	6.26	7.95	27.77	30.17	3.1	8	112	0.126	SE
CR1	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:19	6.76	7.94	27.28	30.42	3.17	9	113	0.162	SE
CR2	20190930	Cloudy	Moderate	Mid-Ebb	B	9.9	13:45	6.39	8.06	27.77	30.32	3.02	10	114	0.092	SE
CR2	20190930	Cloudy	Moderate	Mid-Ebb	B	9.9	13:45	6.46	7.89	27.69	30.16	2.61	10	112	0.134	E
CR2	20190930	Cloudy	Moderate	Mid-Ebb	M	5.45	13:46	6.77	8.15	27.29	30.41	2.63	9	113	0.102	SE
CR2	20190930	Cloudy	Moderate	Mid-Ebb	M	5.45	13:46	6.76	7.87	27.78	30.53	2.83	8	113	0.19	S
CR2	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:47	6.36	7.91	27.57	30.47	2.95	8	114	0.084	E
CR2	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:47	6.15	8.18	27.77	30.22	3.25	8	114	0.108	E
F1A	20190930	Cloudy	Moderate	Mid-Ebb	B	7.2	15:18	6.52	8.09	27.11	30.31	2.62	8	109	0.12	SE
F1A	20190930	Cloudy	Moderate	Mid-Ebb	B	7.2	15:18	6.63	7.95	27.25	30.39	2.49	9	109	0.086	SE
F1A	20190930	Cloudy	Moderate	Mid-Ebb	M	4.1	15:19	6.43	7.91	27.47	30.35	2.72	6	109	0.134	SE
F1A	20190930	Cloudy	Moderate	Mid-Ebb	M	4.1	15:19	6.59	7.92	27.44	30.2	2.64	6	108	0.176	E
F1A	20190930	Cloudy	Moderate	Mid-Ebb	S	1	15:20	6.83	8.1	27.41	30.14	3.13	7	109	0.198	S
F1A	20190930	Cloudy	Moderate	Mid-Ebb	S	1	15:20	6.34	8.24	27.51	30.45	2.92	8	109	0.183	SE
H1	20190930	Cloudy	Moderate	Mid-Ebb	B	8	14:07	6.75	8.11	27.35	30.28	2.59	8	109	0.239	S
H1	20190930	Cloudy	Moderate	Mid-Ebb	B	8	14:07	6.71	8.07	27.35	30.38	2.89	7	110	0.16	SE
H1	20190930	Cloudy	Moderate	Mid-Ebb	M	4.5	14:08	6.39	7.87	27.18	30.55	2.61	8	109	0.25	SE
H1	20190930	Cloudy	Moderate	Mid-Ebb	M	4.5	14:08	6.35	8.18	27.77	30.17	2.54	7	108	0.099	S
H1	20190930	Cloudy	Moderate	Mid-Ebb	S	1	14:09	6.72	8.23	27.6	30.41	2.97	6	108	0.114	SE
H1	20190930	Cloudy	Moderate	Mid-Ebb	S	1	14:09	6.68	8.14	27.5	30.29	2.84	6	109	0.144	E
M1	20190930	Cloudy	Moderate	Mid-Ebb	B	7.9	15:56	6.63	8.11	27.19	30.34	2.6	12	112	0.093	S
M1	20190930	Cloudy	Moderate	Mid-Ebb	B	7.9	15:56	6.18	8.22	27.62	30.44	2.58	10	113	0.19	SE
M1	20190930	Cloudy	Moderate	Mid-Ebb	M	4.45	15:57	5.99	8.19	27.69	30.37	2.63	11	113	0.113	E
M1	20190930	Cloudy	Moderate	Mid-Ebb	M	4.45	15:57	6.09	8.19	27.28	30.49	2.89	12	113	0.249	E
M1	20190930	Cloudy	Moderate	Mid-Ebb	S	1	15:58	6.18	8.08	27.43	30.17	3.02	8	113	0.213	SE
M1	20190930	Cloudy	Moderate	Mid-Ebb	S	1	15:58	6.64	8	27.59	30.47	3.07	9	112	0.236	SE

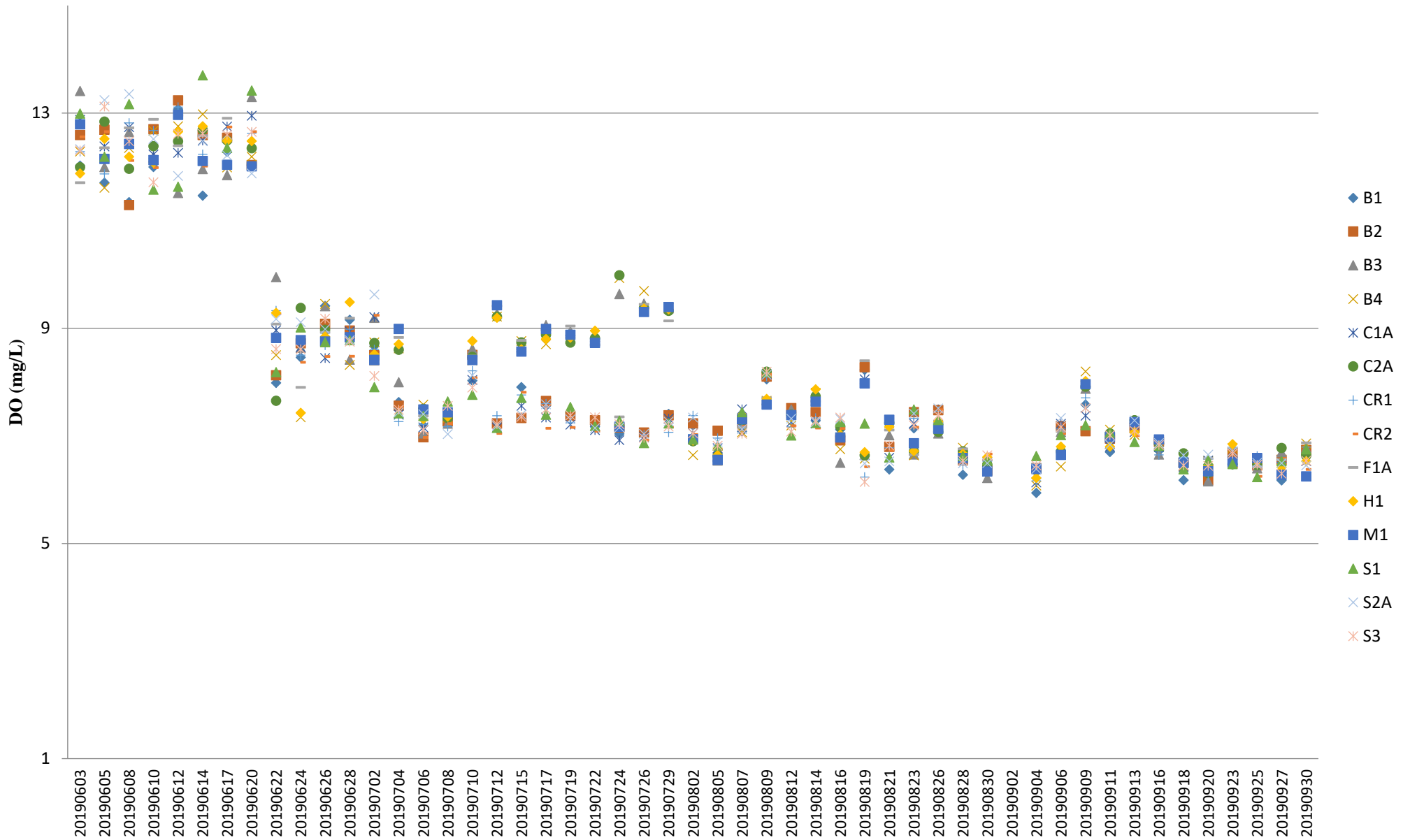
Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	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	20190930	Cloudy	Moderate	Mid-Ebb	B	3.9	13:30	6.06	8.01	27.76	30.37	2.71	10	108	0.155	SE
S1	20190930	Cloudy	Moderate	Mid-Ebb	B	3.9	13:30	6.67	8.05	27.75	30.56	2.97	11	108	0.143	S
S1	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:31	6.86	8.23	27.5	30.5	2.87	6	108	0.229	SE
S1	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:31	5.97	8.19	27.23	30.22	2.84	7	108	0.18	SE
S2A	20190930	Cloudy	Moderate	Mid-Ebb	B	8.3	14:09	6.7	8.12	27.62	30.5	2.44	10	111	0.212	E
S2A	20190930	Cloudy	Moderate	Mid-Ebb	B	8.3	14:09	6.73	8.01	27.44	30.5	2.64	10	114	0.252	SE
S2A	20190930	Cloudy	Moderate	Mid-Ebb	M	4.65	14:10	6.48	7.97	27.47	30.43	2.61	8	111	0.178	SE
S2A	20190930	Cloudy	Moderate	Mid-Ebb	M	4.65	14:10	6.23	8.06	27.42	30.55	3.09	7	110	0.13	SE
S2A	20190930	Cloudy	Moderate	Mid-Ebb	S	1	14:11	6.04	7.87	27.65	30.33	3.01	6	111	0.217	S
S2A	20190930	Cloudy	Moderate	Mid-Ebb	S	1	14:11	6.6	7.98	27.45	30.48	2.81	7	112	0.121	SE
S3	20190930	Cloudy	Moderate	Mid-Ebb	B	10.6	13:34	6.58	8.22	27.61	30.55	2.89	12	113	0.154	SE
S3	20190930	Cloudy	Moderate	Mid-Ebb	B	10.6	13:34	6.39	8.09	27.69	30.12	2.52	11	112	0.168	SE
S3	20190930	Cloudy	Moderate	Mid-Ebb	M	5.8	13:35	6.42	8.03	27.57	30.5	3.11	10	113	0.23	S
S3	20190930	Cloudy	Moderate	Mid-Ebb	M	5.8	13:35	6.33	7.98	27.47	30.24	2.73	11	112	0.083	E
S3	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:36	6.01	7.9	27.64	30.26	2.72	9	112	0.23	SE
S3	20190930	Cloudy	Moderate	Mid-Ebb	S	1	13:36	6.82	7.91	27.26	30.35	3.15	8	113	0.239	S
Remarks:																
Note 1: S - Surface		M - Middle		B - Bottom												
Note 2: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.																
Note 3: No experimental result due to container's leakage.																
Note 4: Due to adverse sea state, the sampling time was exceeded the relevant tidal period. The data would be presented for reference only.																

Salinity (Depth-averaged) during MID-FLOOD

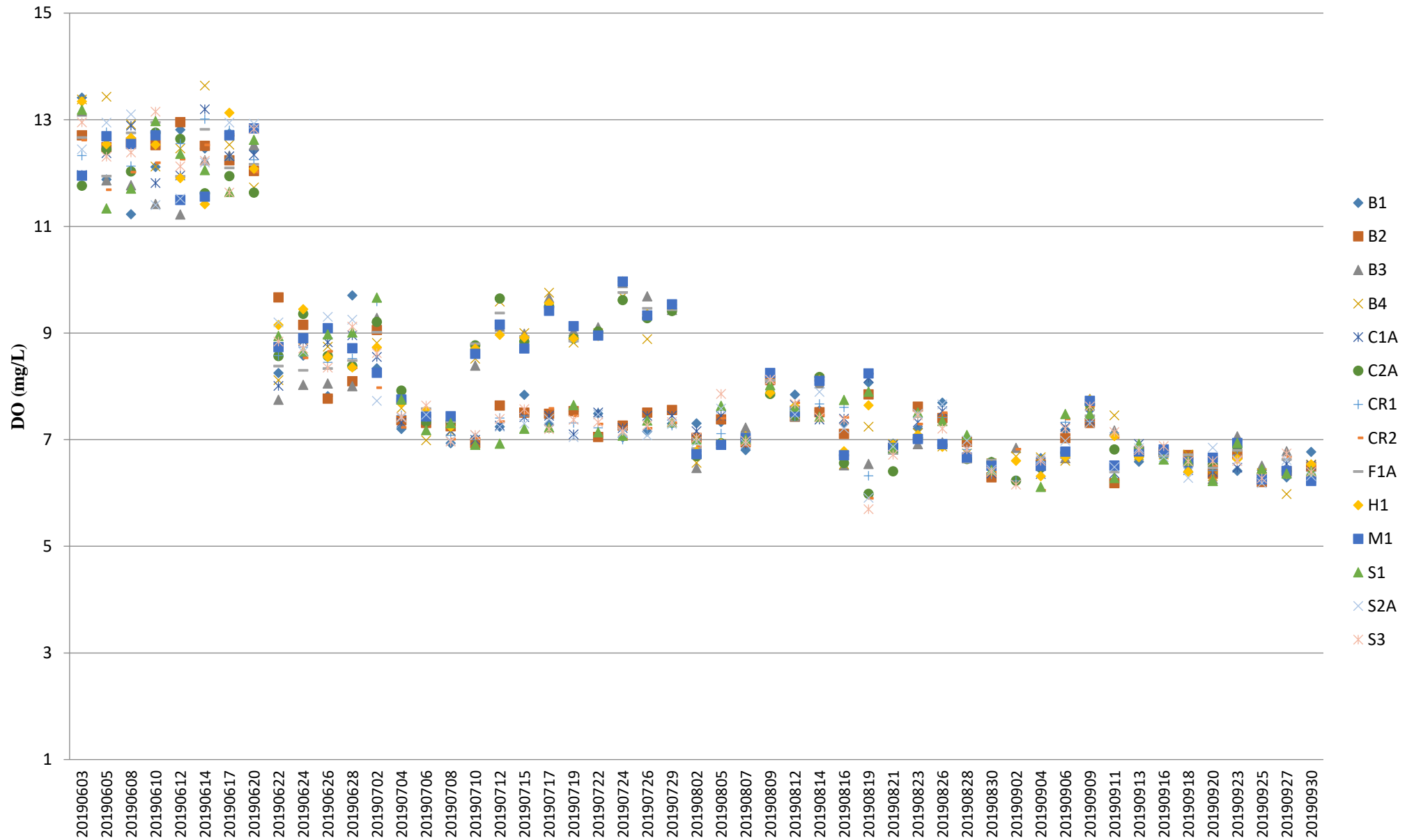


Dissolved Oxygen (Surface & Middle) during MID-FLOOD



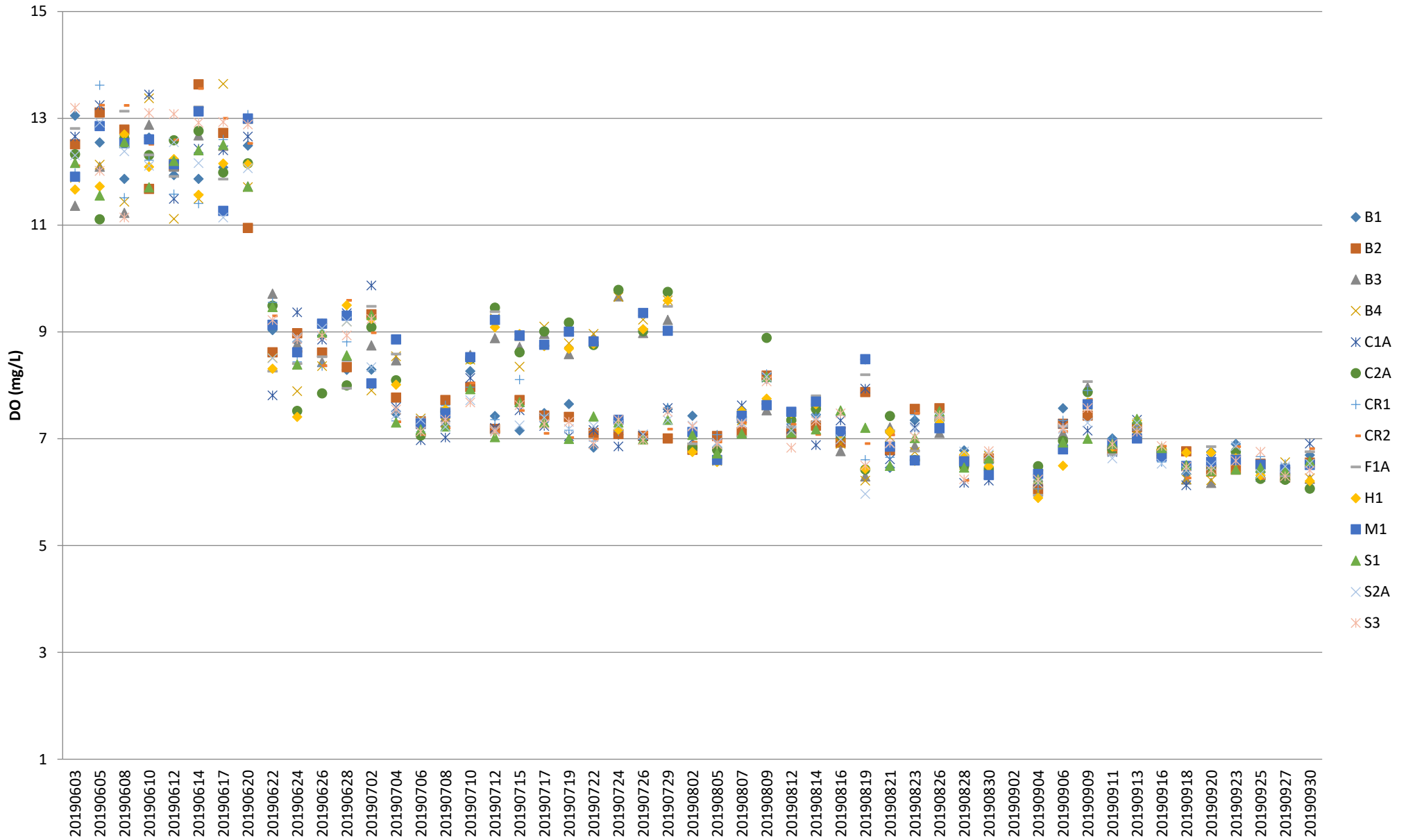
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.8** of the monthly EM&A report.

Dissolved Oxygen (Surface & Middle) during MID-EBB



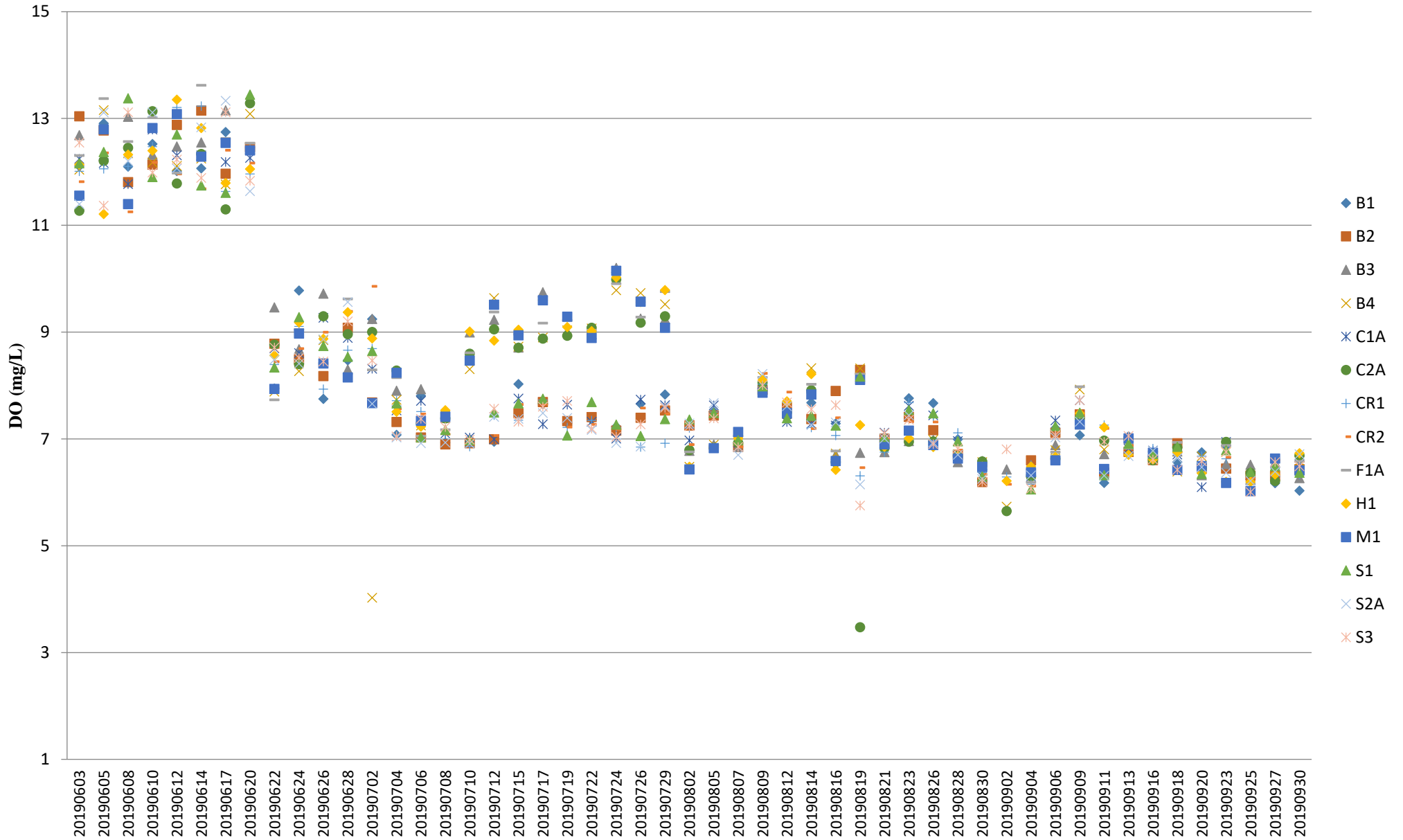
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.8** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-FLOOD



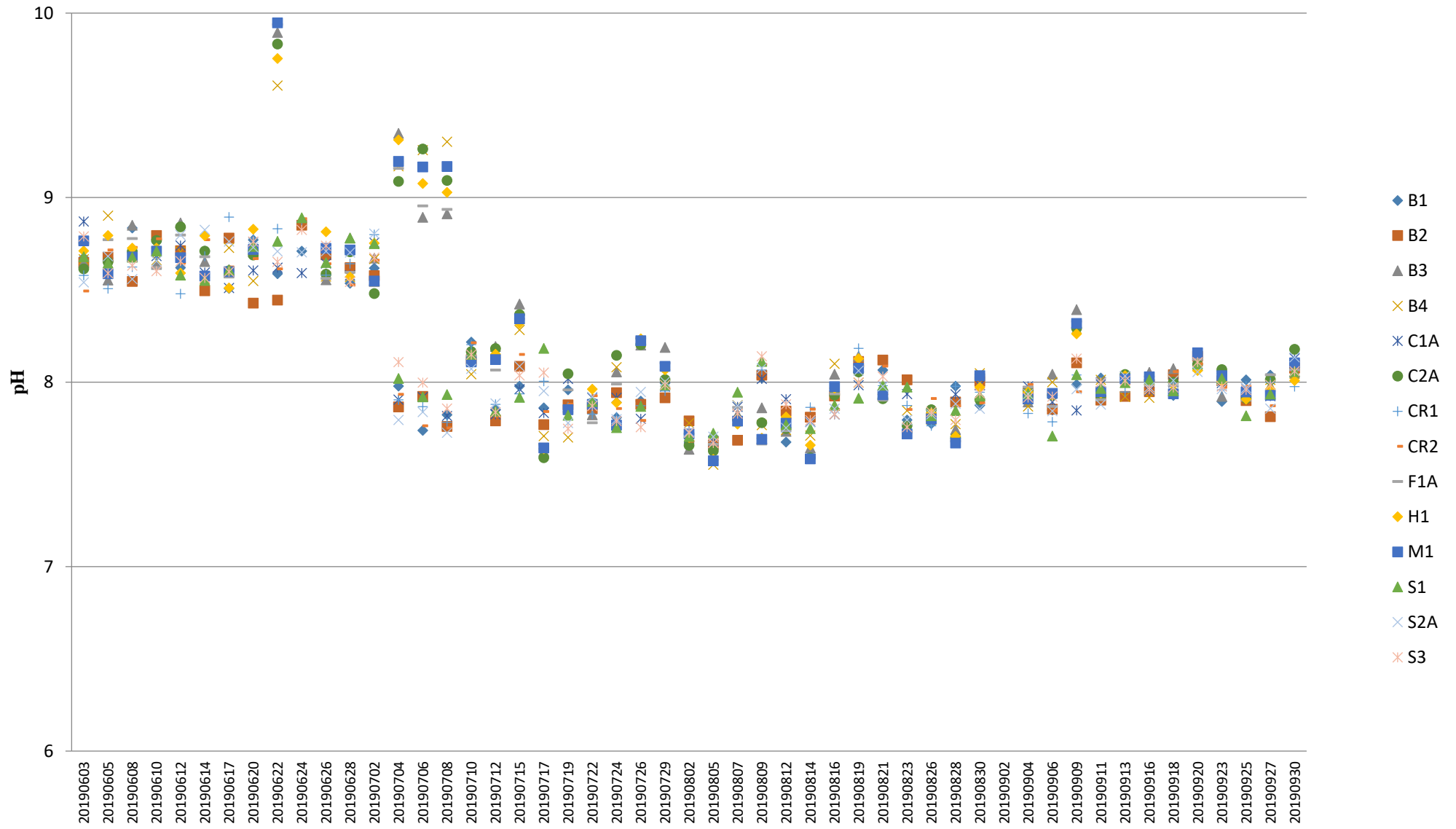
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.8** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-EBB

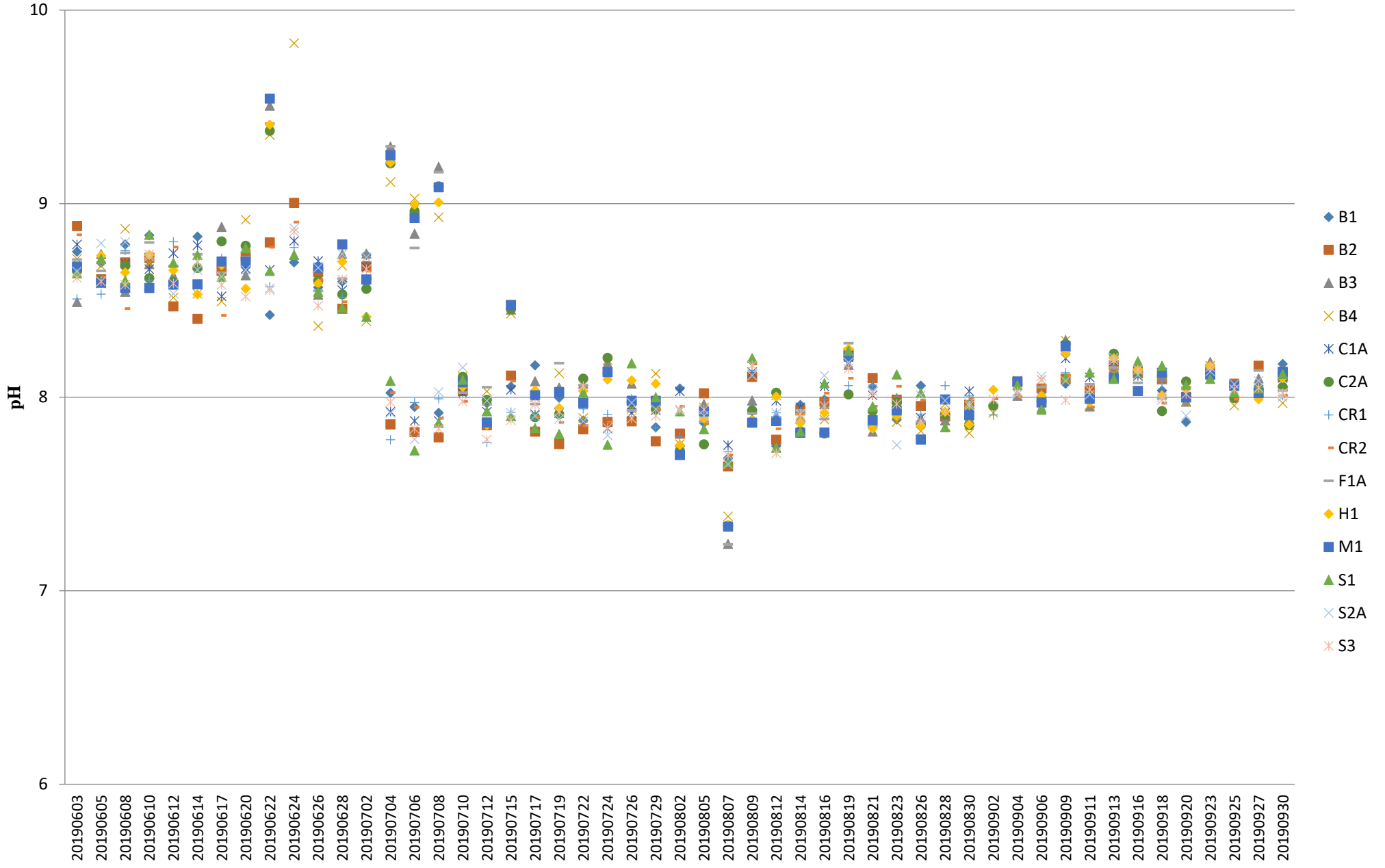


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** and **Table 2.8** of the monthly EM&A report.

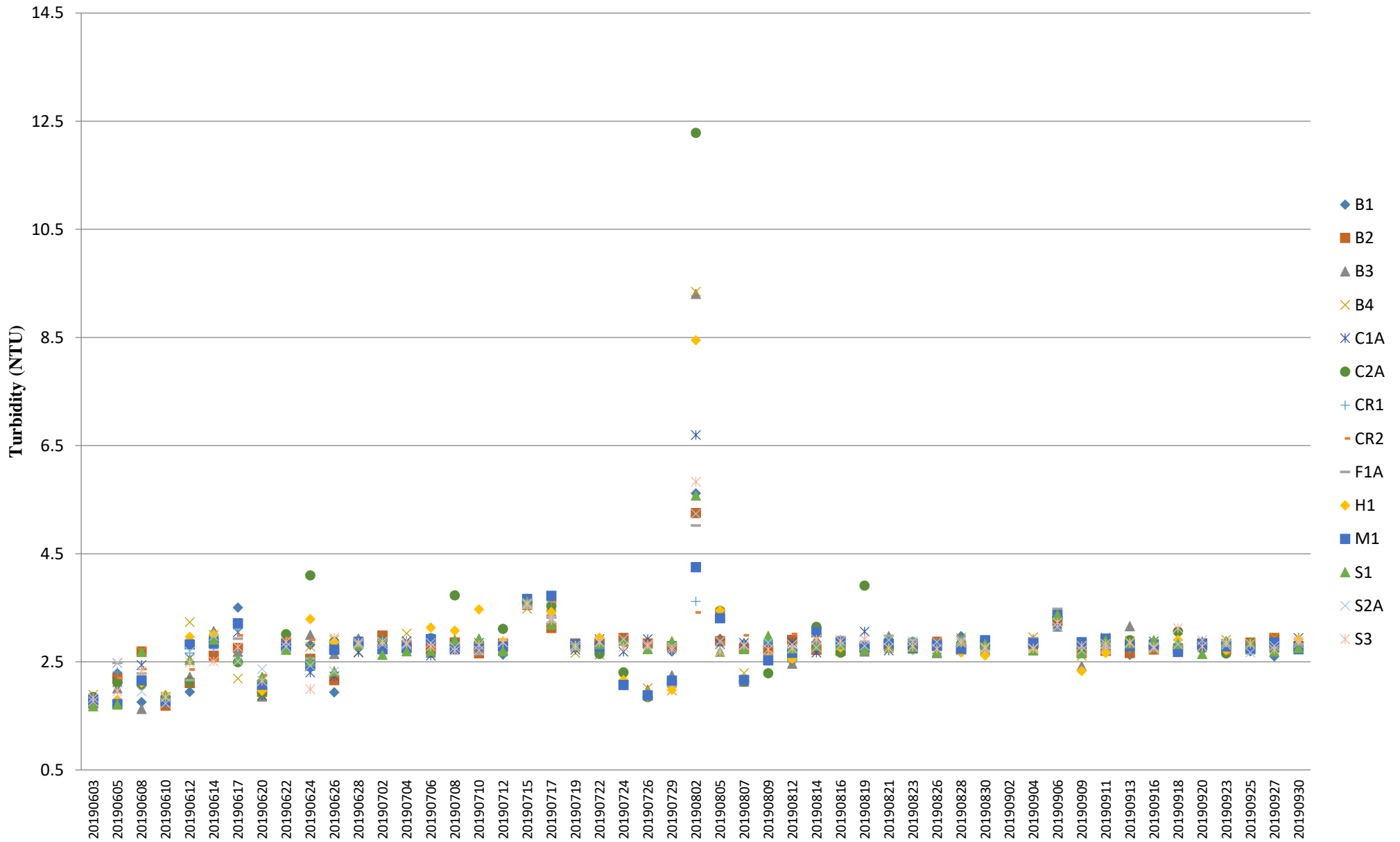
pH (Depth-averaged) during MID-FLOOD



pH (Depth-averaged) MID-EBB

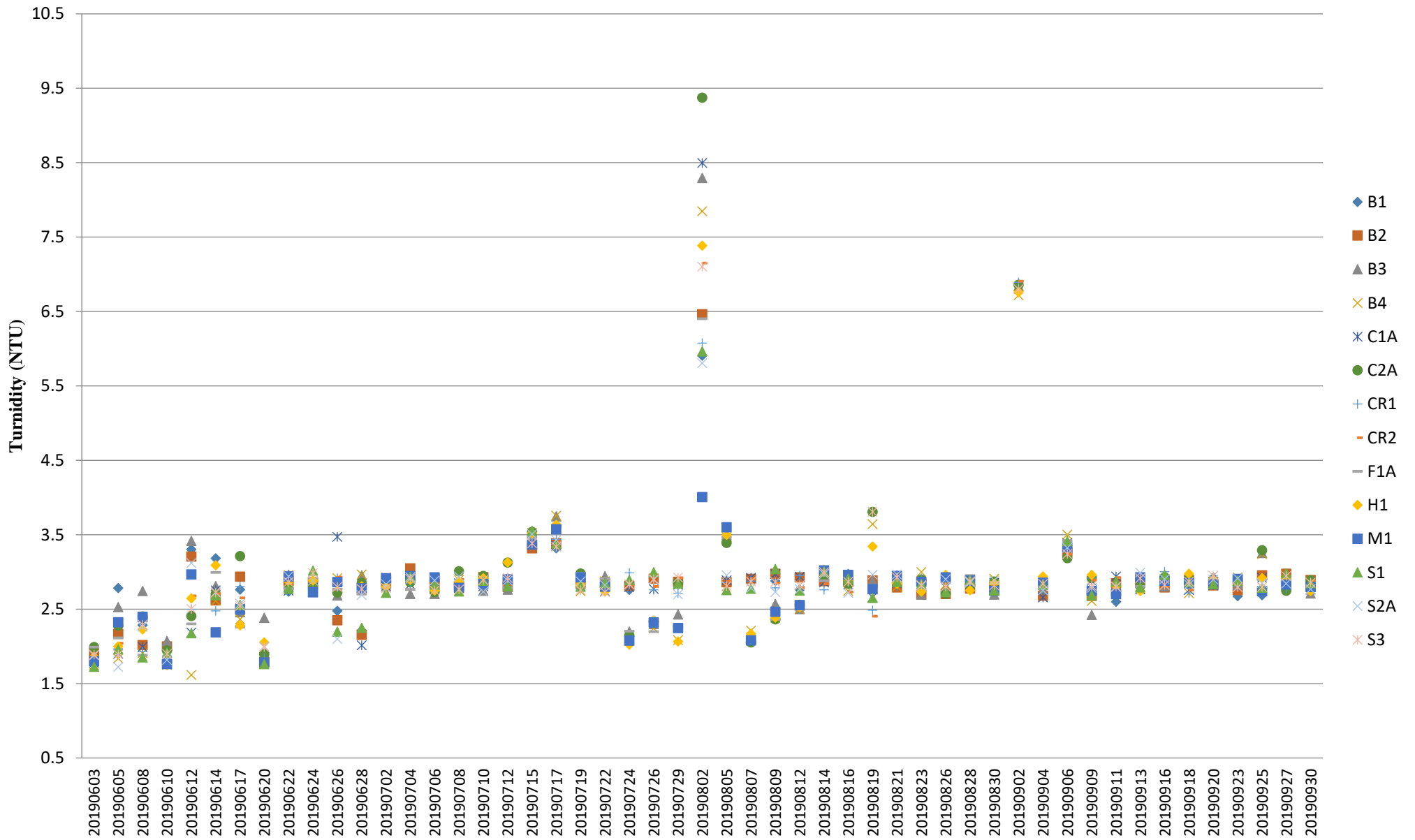


Turbidity (Depth-averaged) during MID-FLOOD



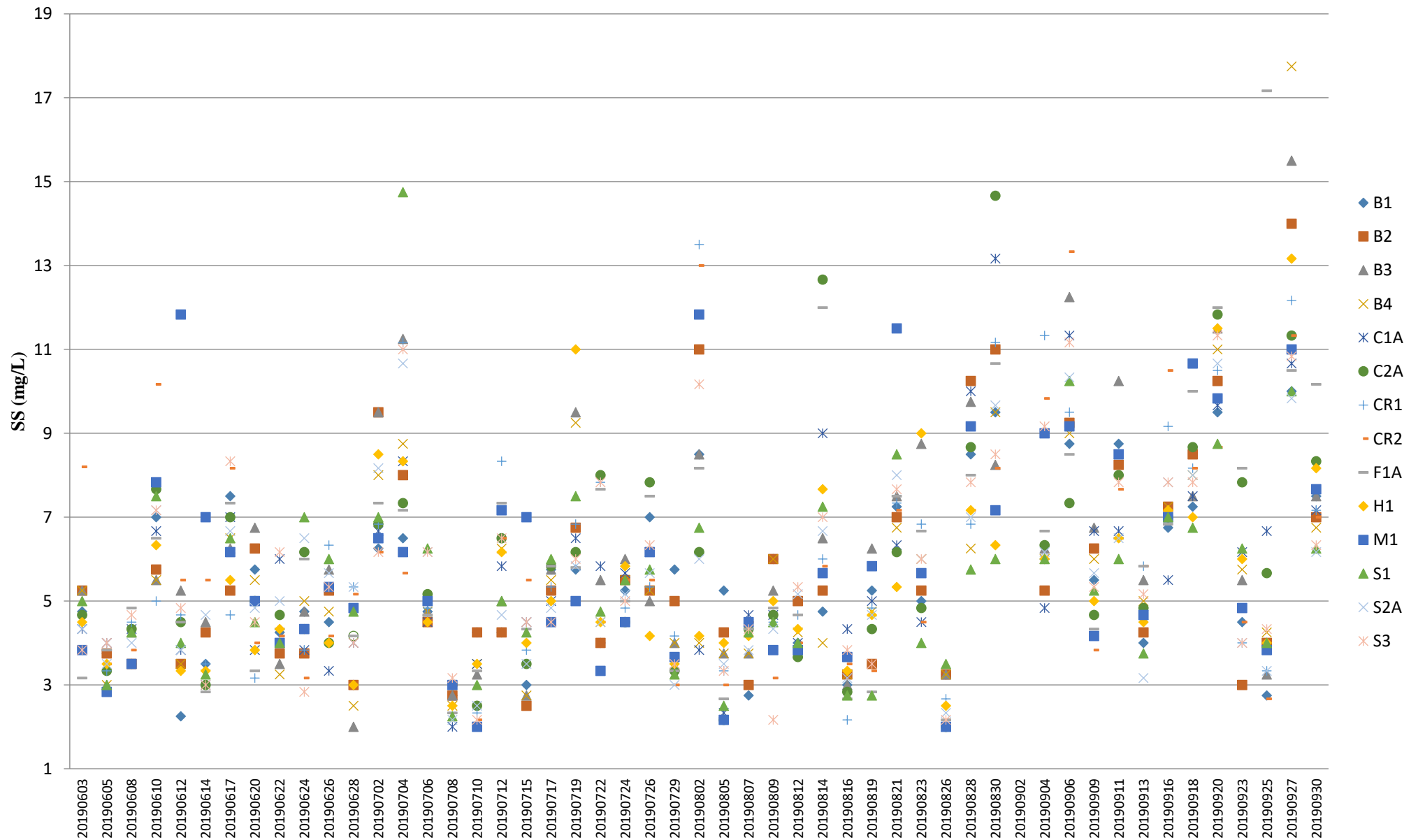
Note: The Action and Limit Level of turbidity can be referred to **Table 2.8** of the monthly EM&A report.

Turbidity (Depth-averaged) during MID-EBB



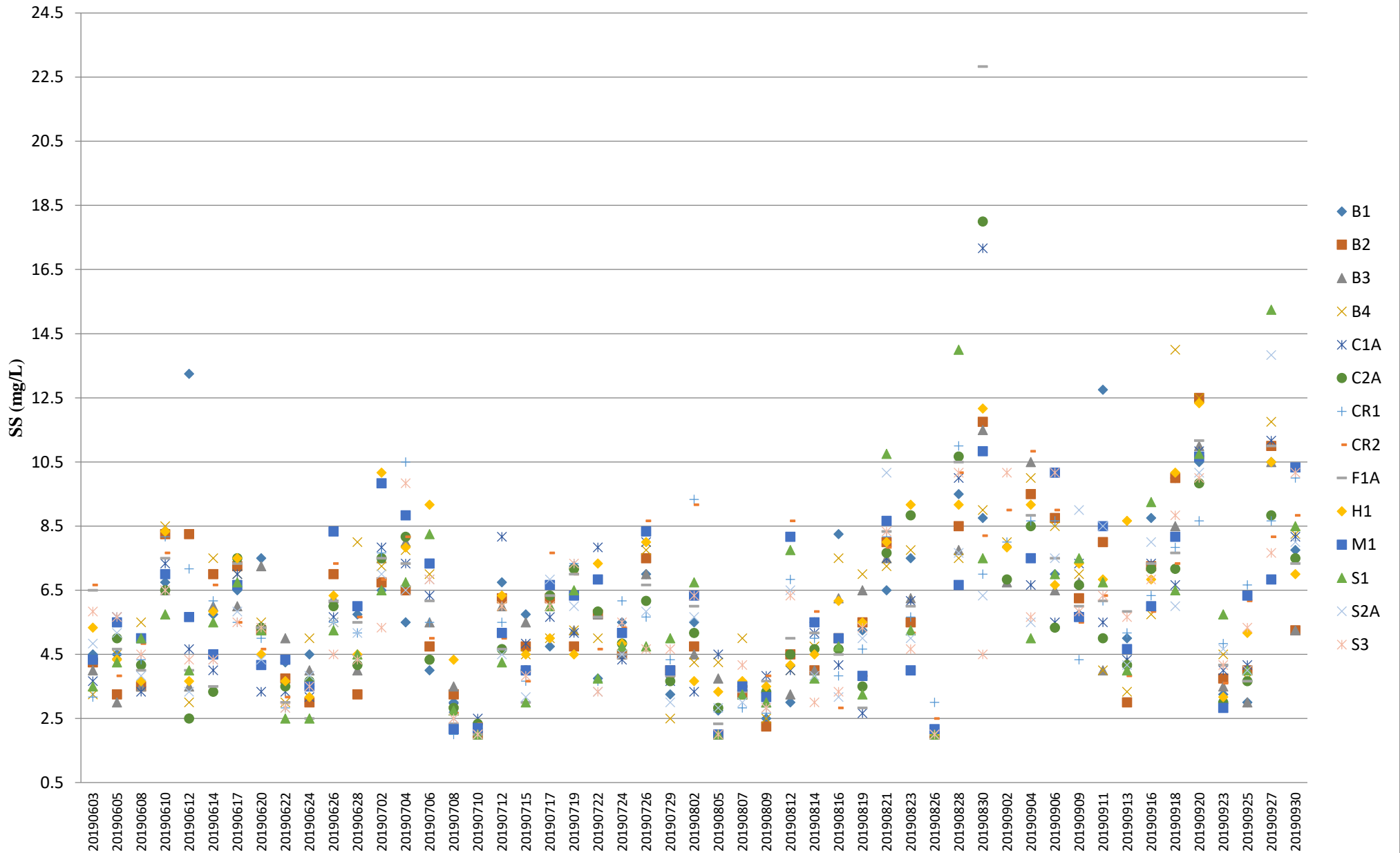
Note: The Action and Limit Level of turbidity can be referred to **Table 2.8** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-FLOOD



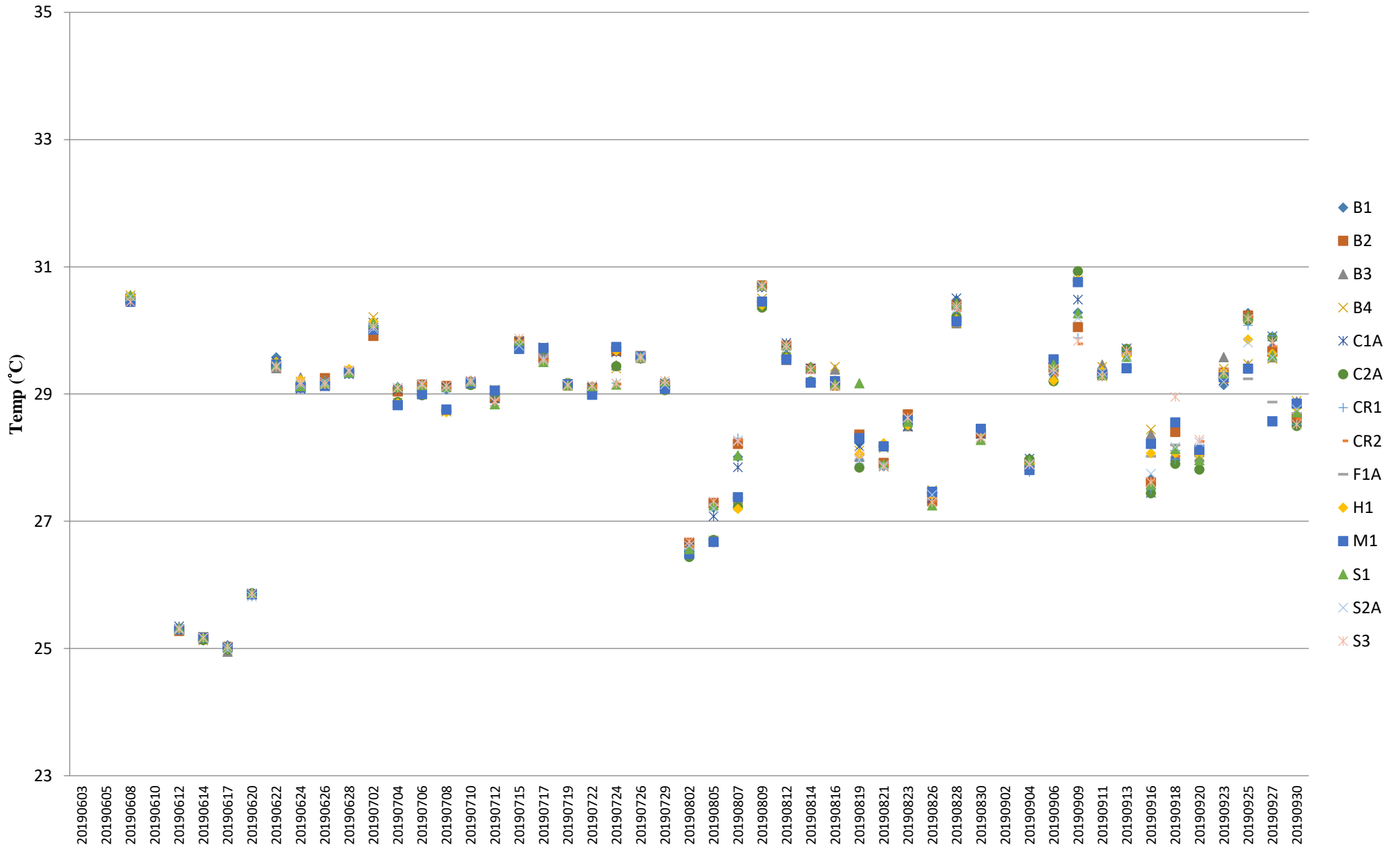
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.8** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-EBB



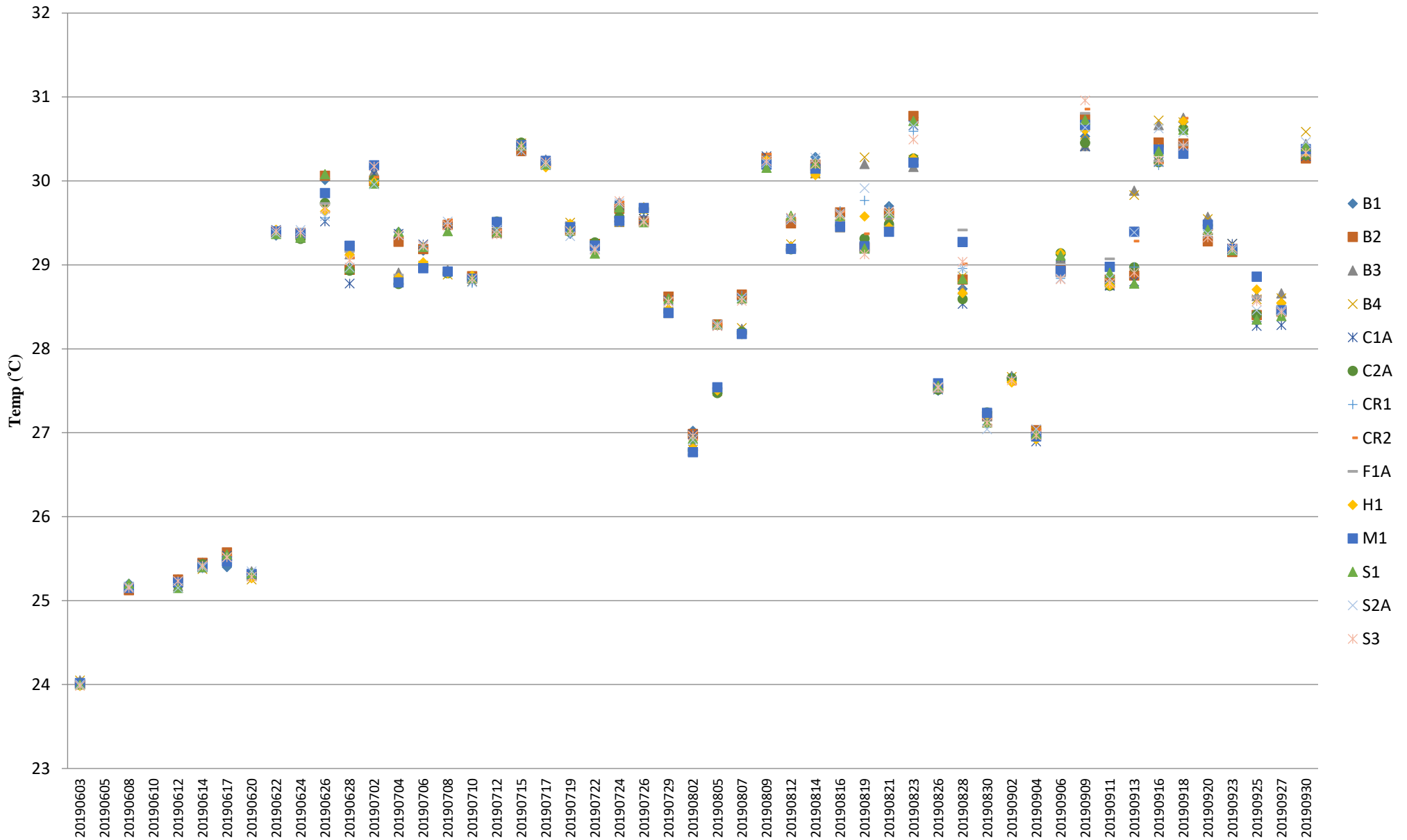
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.8** of the monthly EM&A report.

Temperature (Depth-averaged) during MID-FLOOD



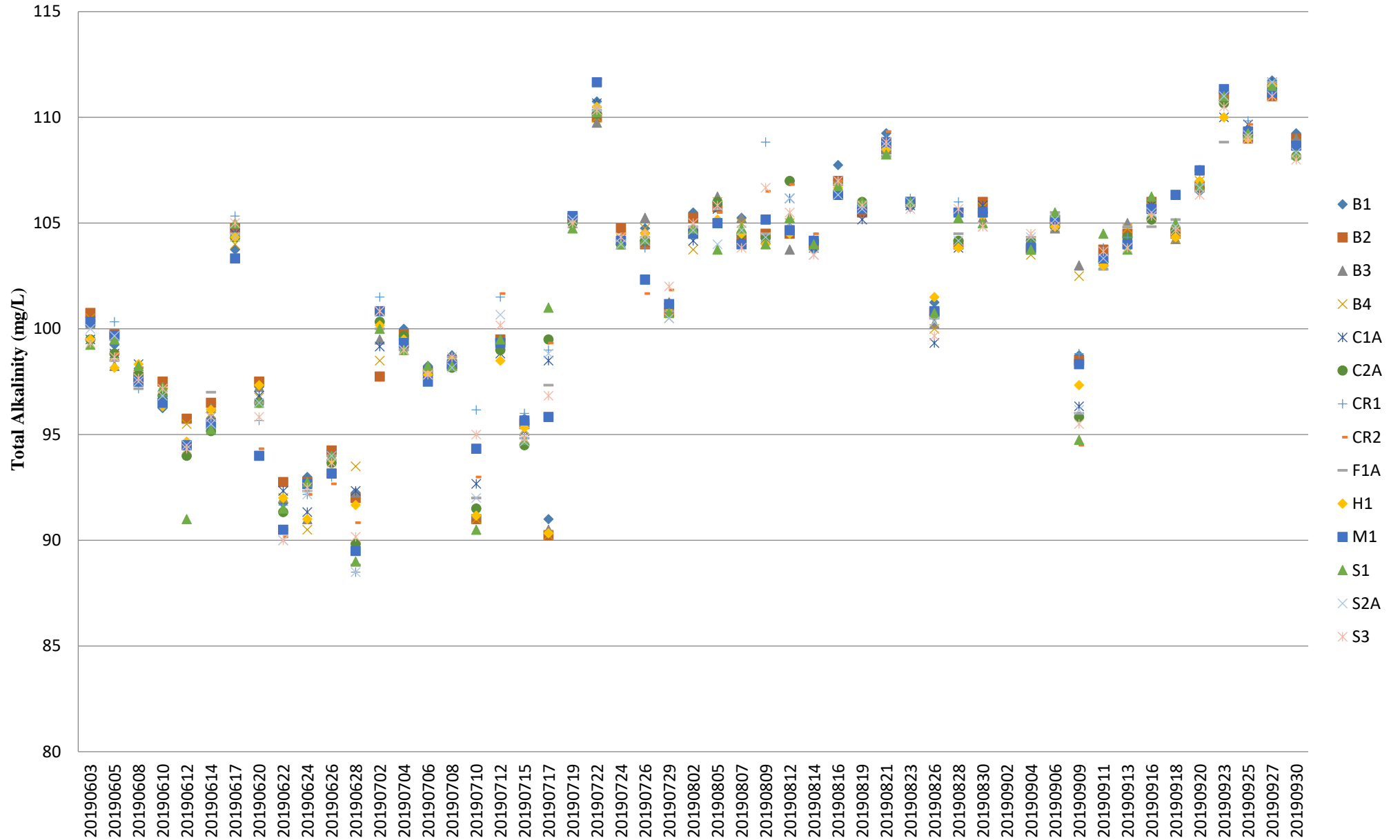
Note: The Action and Limit Level of temperature can be referred to **Table 2.8** of the monthly EM&A report.

Temperature (Depth-averaged) during MID-EBB



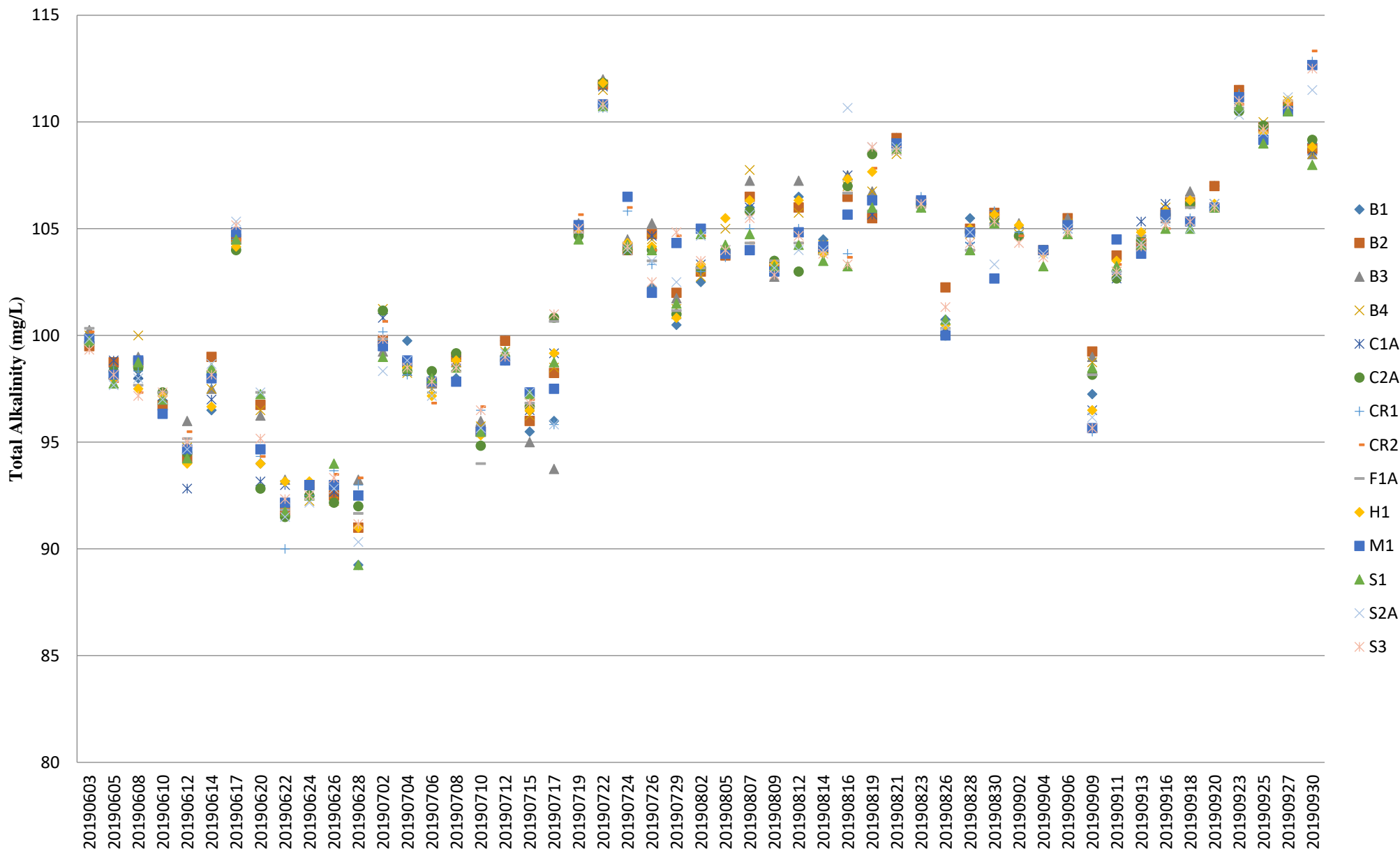
Note: The Action and Limit Level of temperature can be referred to **Table 2.8** of the monthly EM&A report.

Total Alkalinity (Depth-averaged) during MID-FLOOD



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

Total Alkalinity (Depth-averaged) during MID-EBB



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