

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	Direction in NESW
B1	20190603	Cloudy	Moderate	Mid-Flood	B	3.6	11:54	12.24	8.54	30.94	20.1	1.62	4	100	0.263	SW
B1	20190603	Cloudy	Moderate	Mid-Flood	B	3.6	11:54	13.86	8.86	30.84	20.2	1.35	4	100	0.217	W
B1	20190603	Cloudy	Moderate	Mid-Flood	S	1	11:55	11.71	8.84	32.62	20.2	2.24	5	98	0.194	SW
B1	20190603	Cloudy	Moderate	Mid-Flood	S	1	11:55	12.33	8.46	31.87	20.1	1.99	6	100	0.275	NW
B2	20190603	Cloudy	Moderate	Mid-Flood	B	3.8	12:13	11.41	8.91	29.72	20.2	1.39	5	101	0.264	W
B2	20190603	Cloudy	Moderate	Mid-Flood	B	3.8	12:13	13.62	8.8	29.33	20.2	1.62	5	101	0.256	W
B2	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:14	12.81	8.31	30.59	20.1	1.76	6	100	0.216	SW
B2	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:14	12.37	8.57	32.4	20.2	2.16	5	101	0.249	W
B3	20190603	Cloudy	Moderate	Mid-Flood	B	3.7	12:10	11.37	9.03	30.28	20.2	1.6	6	101	0.143	W
B3	20190603	Cloudy	Moderate	Mid-Flood	B	3.7	12:10	11.35	8.45	28.65	20.2	1.64	5	99	0.122	NW
B3	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:11	13.1	8.44	28.5	20.1	1.75	6	101	0.182	W
B3	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:11	13.72	8.67	27.52	20.2	1.91	4	100	0.182	W
B4	20190603	Cloudy	Moderate	Mid-Flood	B	4	12:23	11.14	8.43	27.93	20.1	1.33	6	100	0.29	W
B4	20190603	Cloudy	Moderate	Mid-Flood	B	4	12:23	12.63	8.81	31.25	20.1	1.83	6	100	0.198	W
B4	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:24	13.25	9.04	27.58	20.2	2.13	4	101	0.137	SW
B4	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:24	11.32	8.38	32.76	20.2	2.27	5	101	0.209	NW
C1A	20190603	Cloudy	Moderate	Mid-Flood	B	10.6	11:31	12.32	8.76	30.73	20.1	1.6	5	100	0.245	W
C1A	20190603	Cloudy	Moderate	Mid-Flood	B	10.6	11:31	13	8.77	32.68	20.1	1.62	5	99	0.17	W
C1A	20190603	Cloudy	Moderate	Mid-Flood	M	5.8	11:32	13.91	9.01	32.87	20.2	1.98	4	100	0.284	W
C1A	20190603	Cloudy	Moderate	Mid-Flood	M	5.8	11:32	13	8.91	31.42	20.1	1.63	5	100	0.222	SW
C1A	20190603	Cloudy	Moderate	Mid-Flood	S	1	11:33	13.17	9.04	33.41	20.2	1.95	4	100	0.24	W
C1A	20190603	Cloudy	Moderate	Mid-Flood	S	1	11:33	11.42	8.73	32.01	20.1	1.99	3	98	0.208	W
C2A	20190603	Cloudy	Moderate	Mid-Flood	B	10	11:37	12.01	8.64	31.46	20.2	1.82	4	99	0.186	W
C2A	20190603	Cloudy	Moderate	Mid-Flood	B	10	11:37	12.64	8.94	33.05	20.2	1.63	5	100	0.284	W
C2A	20190603	Cloudy	Moderate	Mid-Flood	M	5.5	11:38	11.53	8.54	29.48	20.1	1.78	5	100	0.246	SW
C2A	20190603	Cloudy	Moderate	Mid-Flood	M	5.5	11:38	13.06	8.43	29.04	20.1	1.6	5	99	0.276	SW
C2A	20190603	Cloudy	Moderate	Mid-Flood	S	1	11:39	12.14	8.71	33.45	20.2	2.03	4	100	0.224	NW
C2A	20190603	Cloudy	Moderate	Mid-Flood	S	1	11:39	11.24	8.42	29.28	20.1	2.22	5	99	0.137	W
F1A	20190603	Cloudy	Moderate	Mid-Flood	B	7.7	12:49	12.72	8.97	31.19	20.1	1.52	3	100	0.205	NW

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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	Direction in NESW
F1A	20190603	Cloudy	Moderate	Mid-Flood	B	7.7	12:49	12.9	9.04	30.7	20.1	1.8	3	98	0.242	W
F1A	20190603	Cloudy	Moderate	Mid-Flood	M	4.35	12:50	11.07	8.84	30.4	20.2	1.87	2	99	0.157	SW
F1A	20190603	Cloudy	Moderate	Mid-Flood	M	4.35	12:50	11.76	8.77	31.04	20.2	1.67	3	100	0.198	NW
F1A	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:51	11.62	8.44	30.2	20.2	2.11	4	100	0.15	SW
F1A	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:51	12.38	8.46	31.82	20.1	1.72	4	100	0.261	W
H1	20190603	Cloudy	Moderate	Mid-Flood	B	6.8	11:55	12.02	8.38	30.52	20.1	1.59	5	100	0.197	W
H1	20190603	Cloudy	Moderate	Mid-Flood	B	6.8	11:55	11.31	8.75	31.37	20.2	1.86	5	100	0.224	W
H1	20190603	Cloudy	Moderate	Mid-Flood	M	3.9	11:56	11.29	8.99	31.22	20.1	1.78	5	99	0.249	W
H1	20190603	Cloudy	Moderate	Mid-Flood	M	3.9	11:56	13.72	9.01	31.33	20.1	1.56	4	100	0.174	SW
H1	20190603	Cloudy	Moderate	Mid-Flood	S	1	11:57	11.46	8.65	32.56	20.1	1.85	4	99	0.219	W
H1	20190603	Cloudy	Moderate	Mid-Flood	S	1	11:57	11.03	8.49	27.51	20.1	1.89	4	99	0.13	SW
M1	20190603	Cloudy	Moderate	Mid-Flood	B	7.7	13:21	12.5	8.82	29.48	20.2	1.64	4	100	0.183	W
M1	20190603	Cloudy	Moderate	Mid-Flood	B	7.7	13:21	11.31	8.44	29.57	20.2	1.34	4	100	0.232	W
M1	20190603	Cloudy	Moderate	Mid-Flood	M	4.35	13:22	13.37	8.69	30.32	20.1	1.93	3	100	0.273	NW
M1	20190603	Cloudy	Moderate	Mid-Flood	M	4.35	13:22	13.51	8.86	32.99	20.1	1.64	4	101	0.187	SW
M1	20190603	Cloudy	Moderate	Mid-Flood	S	1	13:23	12.1	8.94	28.46	20.2	2.15	4	101	0.217	W
M1	20190603	Cloudy	Moderate	Mid-Flood	S	1	13:23	12.18	8.84	27.28	20.2	2.1	4	100	0.183	SW
CR1	20190603	Cloudy	Moderate	Mid-Flood	B	11.2	13:08	11.75	8.39	28.11	20.1	1.6	5	100	0.25	NW
CR1	20190603	Cloudy	Moderate	Mid-Flood	B	11.2	13:08	12.49	8.37	32.06	20.2	1.66	4	100	0.152	W
CR1	20190603	Cloudy	Moderate	Mid-Flood	M	6.1	13:09	11.24	8.82	31.48	20.2	1.74	4	100	0.131	SW
CR1	20190603	Cloudy	Moderate	Mid-Flood	M	6.1	13:09	13.14	8.81	29.82	20.2	1.6	4	100	0.142	SW
CR1	20190603	Cloudy	Moderate	Mid-Flood	S	1	13:10	11.16	8.3	27.34	20.1	1.95	3	101	0.143	W
CR1	20190603	Cloudy	Moderate	Mid-Flood	S	1	13:10	13.6	8.84	28.47	20.1	2.03	4	101	0.149	W
CR1	20190603	Cloudy	Moderate	Mid-Flood	B	10.3	12:44	11.68	8.52	30.41	20.2	1.35	7	100	0.17	W
CR2	20190603	Cloudy	Moderate	Mid-Flood	B	10.3	12:44	12.11	8.37	33.27	20.1	1.59	7	100	0.127	W
CR2	20190603	Cloudy	Moderate	Mid-Flood	M	5.65	12:45	12.34	8.61	28.55	20.2	1.55	8	101	0.262	W
CR2	20190603	Cloudy	Moderate	Mid-Flood	M	5.65	12:45	13.36	8.34	28.84	20.1	1.8	8	101	0.273	W
CR2	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:46	11.38	8.54	32.33	20.1	2.08	9	100	0.213	W
CR2	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:46	13.16	8.61	28.17	20.1	1.92	9	100	0.254	W

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S1	20190603	Cloudy	Moderate	Mid-Flood	B	4	12:04	12.86	8.48	32.25	20.2	1.55	5	100	0.146	SW
S1	20190603	Cloudy	Moderate	Mid-Flood	B	4	12:04	11.47	8.83	32.42	20.1	1.41	5	99	0.238	NW
S1	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:05	12.48	8.71	30.22	20.2	1.89	5	99	0.255	W
S1	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:05	13.5	8.7	28.97	20.2	1.85	5	99	0.271	SW
S2A	20190603	Cloudy	Moderate	Mid-Flood	B	8.8	12:31	10.95	8.56	33.18	20.2	1.52	5	101	0.291	W
S2A	20190603	Cloudy	Moderate	Mid-Flood	B	8.8	12:31	13.66	8.61	33.3	20.2	1.59	4	99	0.277	W
S2A	20190603	Cloudy	Moderate	Mid-Flood	M	4.9	12:32	11.88	8.57	33.45	20.2	1.98	4	100	0.274	W
S2A	20190603	Cloudy	Moderate	Mid-Flood	M	4.9	12:32	12.78	8.67	31.41	20.1	1.59	4	100	0.253	NW
S2A	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:33	11.28	8.32	30.51	20.1	2.13	4	100	0.184	SW
S2A	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:33	13.38	8.51	28.04	20.1	1.78	5	100	0.149	W
S3	20190603	Cloudy	Moderate	Mid-Flood	B	9.5	12:54	13.62	8.84	29.65	20.2	1.79	4	99	0.173	SW
S3	20190603	Cloudy	Moderate	Mid-Flood	B	9.5	12:54	12.77	8.78	32.44	20.1	1.74	5	99	0.242	W
S3	20190603	Cloudy	Moderate	Mid-Flood	M	5.25	12:55	13.92	8.53	28.53	20.1	1.94	3	99	0.213	NW
S3	20190603	Cloudy	Moderate	Mid-Flood	M	5.25	12:55	11.51	8.63	30.32	20.2	1.56	3	99	0.249	SW
S3	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:56	11.86	9	29.49	20.2	2.09	4	100	0.167	W
S3	20190603	Cloudy	Moderate	Mid-Flood	S	1	12:56	11.93	8.96	30	20.2	1.87	4	100	0.283	NW
B1	20190603	Cloudy	Moderate	Mid-Ebb	B	4.2	16:55	11.42	8.65	28.14	24.0	1.88	4	101	0.159	SE
B1	20190603	Cloudy	Moderate	Mid-Ebb	B	4.2	16:55	12.79	8.95	28.18	24.1	1.53	5	100	0.243	S
B1	20190603	Cloudy	Moderate	Mid-Ebb	S	1	16:56	13.09	8.54	31.93	23.9	2.12	5	99	0.208	SE
B1	20190603	Cloudy	Moderate	Mid-Ebb	S	1	16:56	13.74	8.87	31.41	24.1	1.92	4	98	0.157	SE
B2	20190603	Cloudy	Moderate	Mid-Ebb	B	3.6	17:13	12.89	8.8	32.59	23.9	1.76	4	100	0.247	S
B2	20190603	Cloudy	Moderate	Mid-Ebb	B	3.6	17:13	13.19	8.83	28.63	24.0	1.86	4	99	0.183	E
B2	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:14	13.82	9	31.82	24.1	1.84	5	99	0.145	S
B2	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:14	11.6	8.91	33.08	24.0	2.24	4	100	0.078	E
B3	20190603	Cloudy	Moderate	Mid-Ebb	B	4.1	16:36	12.85	8.47	27.29	24.0	1.69	4	100	0.177	S
B3	20190603	Cloudy	Moderate	Mid-Ebb	B	4.1	16:36	12.52	8.42	30.2	24.1	1.98	3	100	0.086	E
B3	20190603	Cloudy	Moderate	Mid-Ebb	S	1	16:37	13.9	8.35	33.11	24.0	2.01	4	101	0.247	SE
B3	20190603	Cloudy	Moderate	Mid-Ebb	S	1	16:37	12.41	8.73	32.41	24.1	1.87	5	100	0.202	S
B4	20190603	Cloudy	Moderate	Mid-Ebb	B	4.6	16:47	11.58	8.86	30.8	24.1	1.46	3	100	0.228	E

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B4	20190603	Cloudy	Moderate	Mid-Ebb	B	4.6	16:47	12.5	8.87	31.29	24.1	1.74	4	100	0.086	S
B4	20190603	Cloudy	Moderate	Mid-Ebb	S	1	16:48	13.37	8.43	31.46	24.0	2.01	3	100	0.242	SE
B4	20190603	Cloudy	Moderate	Mid-Ebb	S	1	16:48	13.39	8.7	33.35	24.0	1.78	3	100	0.245	S
C1A	20190603	Cloudy	Moderate	Mid-Ebb	B	9.6	16:30	12.65	8.57	28.24	24.1	1.96	4	100	0.198	S
C1A	20190603	Cloudy	Moderate	Mid-Ebb	B	9.6	16:30	11.83	8.79	28.67	24.1	1.59	4	100	0.076	S
C1A	20190603	Cloudy	Moderate	Mid-Ebb	M	5.3	16:31	11.58	9.03	31.38	23.9	1.83	4	99	0.177	SE
C1A	20190603	Cloudy	Moderate	Mid-Ebb	M	5.3	16:31	12.74	8.81	29.15	24.0	1.87	4	101	0.219	SE
C1A	20190603	Cloudy	Moderate	Mid-Ebb	S	1	16:32	11.69	9.01	28.89	24.0	1.75	3	100	0.179	SE
C1A	20190603	Cloudy	Moderate	Mid-Ebb	S	1	16:32	11.85	8.53	28.37	23.9	1.67	3	99	0.119	SE
C2A	20190603	Cloudy	Moderate	Mid-Ebb	B	10.3	16:07	10.94	8.98	29.5	23.9	1.93	4	99	0.165	SE
C2A	20190603	Cloudy	Moderate	Mid-Ebb	B	10.3	16:07	11.6	8.46	33.22	24.0	2.01	4	100	0.139	SE
C2A	20190603	Cloudy	Moderate	Mid-Ebb	M	5.65	16:08	11.48	8.41	28.24	24.0	2.03	5	99	0.085	S
C2A	20190603	Cloudy	Moderate	Mid-Ebb	M	5.65	16:08	13.45	8.94	29.32	24.0	2.11	6	100	0.092	SE
C2A	20190603	Cloudy	Moderate	Mid-Ebb	S	1	16:09	10.97	8.77	30.61	24.1	1.8	4	100	0.105	SE
C2A	20190603	Cloudy	Moderate	Mid-Ebb	S	1	16:09	11.15	8.34	32.04	24.1	2.05	3	100	0.091	S
F1A	20190603	Cloudy	Moderate	Mid-Ebb	B	7.4	17:16	11.38	8.5	29.17	24.0	1.69	6	100	0.226	E
F1A	20190603	Cloudy	Moderate	Mid-Ebb	B	7.4	17:16	13.23	9.03	29.67	24.0	1.95	6	99	0.079	S
F1A	20190603	Cloudy	Moderate	Mid-Ebb	M	4.2	17:17	11.99	8.59	31.73	24.0	1.93	8	101	0.228	S
F1A	20190603	Cloudy	Moderate	Mid-Ebb	M	4.2	17:17	13.73	8.64	27.98	24.0	2.12	7	101	0.113	S
F1A	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:18	12.57	8.99	33.45	24.0	2.04	6	101	0.19	SE
F1A	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:18	12.38	8.52	31.23	24.0	2.2	6	100	0.076	SE
H1	20190603	Cloudy	Moderate	Mid-Ebb	B	7.9	16:26	12.53	8.66	28.22	23.9	1.44	4	100	0.077	E
H1	20190603	Cloudy	Moderate	Mid-Ebb	B	7.9	16:26	11.75	8.75	28.17	24.0	1.91	5	99	0.109	S
H1	20190603	Cloudy	Moderate	Mid-Ebb	M	4.45	16:27	13.05	8.86	29.15	24.0	1.62	6	100	0.248	SE
H1	20190603	Cloudy	Moderate	Mid-Ebb	M	4.45	16:27	13.23	8.39	31.17	24.0	2	5	100	0.215	E
H1	20190603	Cloudy	Moderate	Mid-Ebb	S	1	16:28	13.86	8.58	30.73	23.9	2.15	6	100	0.175	E
H1	20190603	Cloudy	Moderate	Mid-Ebb	S	1	16:28	13.24	8.74	31.54	24.1	2.02	6	100	0.083	S
M1	20190603	Cloudy	Moderate	Mid-Ebb	B	7.9	17:49	12	8.76	31.79	23.9	1.63	4	100	0.232	S
M1	20190603	Cloudy	Moderate	Mid-Ebb	B	7.9	17:49	11.11	8.82	32.89	24.0	1.44	4	101	0.232	E

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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	Direction in NESW
M1	20190603	Cloudy	Moderate	Mid-Ebb	M	4.45	17:50	11.79	8.3	32.68	24.0	1.9	5	99	0.122	SE
M1	20190603	Cloudy	Moderate	Mid-Ebb	M	4.45	17:50	11.94	8.55	31.2	24.1	1.98	5	101	0.135	SE
M1	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:51	12.55	8.9	33.28	24.1	2.04	4	100	0.142	E
M1	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:51	11.52	8.72	27.86	24.0	1.81	4	98	0.191	SE
CR1	20190603	Cloudy	Moderate	Mid-Ebb	B	12.4	18:09	11.66	8.38	28.33	24.0	1.74	4	100	0.222	SE
CR1	20190603	Cloudy	Moderate	Mid-Ebb	B	12.4	18:09	12.36	8.62	32.38	23.9	1.49	4	99	0.214	S
CR1	20190603	Cloudy	Moderate	Mid-Ebb	M	6.7	18:10	12.75	8.33	28.03	23.9	1.58	3	100	0.252	S
CR1	20190603	Cloudy	Moderate	Mid-Ebb	M	6.7	18:10	13.06	8.4	27.33	24.0	1.88	3	100	0.131	E
CR1	20190603	Cloudy	Moderate	Mid-Ebb	S	1	18:11	12.21	9.01	32.64	24.1	2	3	100	0.147	E
CR1	20190603	Cloudy	Moderate	Mid-Ebb	S	1	18:11	11.29	8.31	30.76	24.0	1.96	2	99	0.085	SE
CR2	20190603	Cloudy	Moderate	Mid-Ebb	B	10.9	17:45	11.18	9.03	30.33	24.1	1.98	7	101	0.231	E
CR2	20190603	Cloudy	Moderate	Mid-Ebb	B	10.9	17:45	12.45	8.44	28.78	23.9	1.98	6	100	0.224	E
CR2	20190603	Cloudy	Moderate	Mid-Ebb	M	5.95	17:46	11.29	8.97	30.14	24.1	1.56	7	100	0.114	SE
CR2	20190603	Cloudy	Moderate	Mid-Ebb	M	5.95	17:46	13.81	8.8	27.77	24.0	1.85	7	100	0.124	E
CR2	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:47	11.5	8.94	30.11	24.1	1.93	6	100	0.14	SE
CR2	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:47	13.88	8.86	27.59	24.0	1.83	7	100	0.209	S
S1	20190603	Cloudy	Moderate	Mid-Ebb	B	3.8	17:03	12.17	8.77	29.61	24.0	1.47	3	100	0.213	SE
S1	20190603	Cloudy	Moderate	Mid-Ebb	B	3.8	17:03	12.15	8.64	31.97	24.0	1.97	4	99	0.11	SE
S1	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:04	12.55	8.83	30.45	24.0	1.68	4	100	0.104	SE
S1	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:04	13.83	8.32	32.52	24.0	1.78	3	100	0.17	SE
S2A	20190603	Cloudy	Moderate	Mid-Ebb	B	8.5	17:30	11.61	8.61	33.2	24.0	1.96	7	100	0.082	S
S2A	20190603	Cloudy	Moderate	Mid-Ebb	B	8.5	17:30	11.18	8.78	29.48	24.1	1.9	8	99	0.141	SE
S2A	20190603	Cloudy	Moderate	Mid-Ebb	M	4.75	17:31	11.95	9	28.07	24.0	1.67	3	100	0.109	SE
S2A	20190603	Cloudy	Moderate	Mid-Ebb	M	4.75	17:31	13.86	8.52	30.27	23.9	1.93	4	101	0.169	S
S2A	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:32	12.19	8.65	33.39	24.0	2.04	3	99	0.162	E
S2A	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:32	12.7	8.34	33.3	24.0	1.76	4	100	0.145	SE
S3	20190603	Cloudy	Moderate	Mid-Ebb	B	9.2	17:54	12.74	8.6	27.53	23.9	1.47	7	100	0.144	SE
S3	20190603	Cloudy	Moderate	Mid-Ebb	B	9.2	17:54	12.35	8.88	29.54	24.1	1.76	7	99	0.217	SE
S3	20190603	Cloudy	Moderate	Mid-Ebb	M	5.1	17:55	13.06	8.6	32.5	24.0	1.97	5	99	0.085	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	Direction in NESW
S3	20190603	Cloudy	Moderate	Mid-Ebb	M	5.1	17:55	13.02	8.49	29.43	23.9	1.93	6	99	0.108	S
S3	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:56	12.59	8.47	27.49	23.9	2.02	5	99	0.166	SE
S3	20190603	Cloudy	Moderate	Mid-Ebb	S	1	17:56	13.14	8.66	27.59	24.1	2.18	5	100	0.116	E
B1	20190605	Sunny	Moderate	Mid-Ebb	B	4.1	13:13	12.05	8.99	28.93	20.1	2.59	5	98	0.205	E
B1	20190605	Sunny	Moderate	Mid-Ebb	B	4.1	13:13	13.76	8.68	29.32	20.2	2.64	4	99	0.172	SE
B1	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:14	11.32	8.31	29.57	20.1	2.91	4	98	0.222	E
B1	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:14	12.44	8.8	30.43	20.2	2.99	5	99	0.143	SE
B2	20190605	Sunny	Moderate	Mid-Ebb	B	4.8	13:35	13.79	8.61	33.25	20.2	1.75	3	99	0.121	SE
B2	20190605	Sunny	Moderate	Mid-Ebb	B	4.8	13:35	11.76	8.84	30.18	20.1	1.56	4	98	0.212	E
B2	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:36	11.08	8.43	29.64	20.2	2.68	3	98	0.138	E
B2	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:36	13.89	8.56	32.49	20.2	2.67	3	100	0.092	S
B3	20190605	Sunny	Moderate	Mid-Ebb	B	4.6	13:39	12.75	9.04	29.2	20.1	2.64	3	98	0.23	E
B3	20190605	Sunny	Moderate	Mid-Ebb	B	4.6	13:39	11.85	8.43	32.66	20.2	2.55	3	99	0.237	E
B3	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:40	11.36	8.92	29.36	20.2	2.54	3	99	0.078	S
B3	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:40	12.37	8.57	28.91	20.2	2.38	3	98	0.167	E
B4	20190605	Sunny	Moderate	Mid-Ebb	B	4.5	13:51	12.66	8.57	32.27	20.1	1.82	5	97	0.125	S
B4	20190605	Sunny	Moderate	Mid-Ebb	B	4.5	13:51	13.65	8.79	30.13	20.1	2	5	98	0.143	SE
B4	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:52	13.01	8.78	28.18	20.2	1.75	4	98	0.247	SE
B4	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:52	13.85	8.57	32.01	20.2	1.77	4	98	0.186	S
C1A	20190605	Sunny	Moderate	Mid-Ebb	B	9.7	12:51	11.94	8.72	31.4	20.2	1.66	6	99	0.216	SE
C1A	20190605	Sunny	Moderate	Mid-Ebb	B	9.7	12:51	12.39	8.41	32.09	20.2	1.75	6	99	0.196	S
C1A	20190605	Sunny	Moderate	Mid-Ebb	M	5.4	12:52	11.71	8.31	30.06	20.1	1.6	5	99	0.184	SE
C1A	20190605	Sunny	Moderate	Mid-Ebb	M	5.4	12:52	13.13	8.56	31.55	20.2	1.44	6	98	0.161	SE
C1A	20190605	Sunny	Moderate	Mid-Ebb	S	1	12:53	12.1	8.89	28.3	20.2	2.39	6	99	0.138	E
C1A	20190605	Sunny	Moderate	Mid-Ebb	S	1	12:53	12.55	8.64	33.43	20.2	2.55	5	99	0.192	E
C2A	20190605	Sunny	Moderate	Mid-Ebb	B	11.3	12:58	11.09	8.9	27.3	20.1	1.83	6	98	0.101	SE
C2A	20190605	Sunny	Moderate	Mid-Ebb	B	11.3	12:58	13.32	8.43	33.32	20.2	1.89	5	99	0.097	S
C2A	20190605	Sunny	Moderate	Mid-Ebb	M	6.2	12:59	12.54	8.87	29.4	20.2	2.32	4	99	0.198	SE
C2A	20190605	Sunny	Moderate	Mid-Ebb	M	6.2	12:59	12.69	8.6	28.13	20.2	2.31	5	98	0.095	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	Direction in NESW
C2A	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:00	13.09	8.3	31.81	20.1	2.68	5	98	0.182	E
C2A	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:00	11.46	8.55	30.62	20.2	2.64	5	98	0.222	SE
F1A	20190605	Sunny	Moderate	Mid-Ebb	B	7.4	14:20	13.76	8.75	32.7	20.1	2.79	4	98	0.108	S
F1A	20190605	Sunny	Moderate	Mid-Ebb	B	7.4	14:20	12.98	8.85	29.37	20.1	2.91	4	99	0.205	SE
F1A	20190605	Sunny	Moderate	Mid-Ebb	M	4.2	14:21	12.11	8.64	32.12	20.2	1.94	6	98	0.154	S
F1A	20190605	Sunny	Moderate	Mid-Ebb	M	4.2	14:21	11.2	8.41	31.32	20.1	1.89	5	98	0.112	SE
F1A	20190605	Sunny	Moderate	Mid-Ebb	S	1	14:22	11.62	8.69	29.59	20.1	1.52	5	98	0.112	E
F1A	20190605	Sunny	Moderate	Mid-Ebb	S	1	14:22	12.85	8.58	31.51	20.2	1.62	4	97	0.104	SE
H1	20190605	Sunny	Moderate	Mid-Ebb	B	7.2	13:21	11.4	8.92	27.35	20.2	1.65	5	99	0.141	E
H1	20190605	Sunny	Moderate	Mid-Ebb	B	7.2	13:21	11.02	8.39	31.72	20.2	1.64	5	96	0.157	SE
H1	20190605	Sunny	Moderate	Mid-Ebb	M	4.1	13:22	13.76	8.64	28.27	20.1	1.87	4	98	0.238	E
H1	20190605	Sunny	Moderate	Mid-Ebb	M	4.1	13:22	12.12	8.91	33.04	20.2	1.88	3	100	0.203	E
H1	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:23	11.43	8.83	29.21	20.2	2.39	5	98	0.214	SE
H1	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:23	12.86	8.7	29.39	20.1	2.55	4	97	0.216	S
M1	20190605	Sunny	Moderate	Mid-Ebb	B	8.7	14:54	12.95	8.32	29.21	20.1	1.76	5	99	0.214	S
M1	20190605	Sunny	Moderate	Mid-Ebb	B	8.7	14:54	12.64	8.64	28.08	20.1	1.88	6	98	0.174	S
M1	20190605	Sunny	Moderate	Mid-Ebb	M	4.9	14:55	12.31	8.47	31.59	20.1	2.44	6	98	0.11	SE
M1	20190605	Sunny	Moderate	Mid-Ebb	M	4.9	14:55	13.78	8.74	29.84	20.1	2.36	5	97	0.087	S
M1	20190605	Sunny	Moderate	Mid-Ebb	S	1	14:56	12.36	8.55	29.69	20.1	2.77	5	98	0.13	S
M1	20190605	Sunny	Moderate	Mid-Ebb	S	1	14:56	12.32	8.83	31.53	20.2	2.73	6	99	0.131	E
CR1	20190605	Sunny	Moderate	Mid-Ebb	B	12	14:25	11.16	8.44	29.08	20.1	1.53	6	98	0.137	E
CR1	20190605	Sunny	Moderate	Mid-Ebb	B	12	14:25	12.95	8.34	28.99	20.2	1.72	5	99	0.187	S
CR1	20190605	Sunny	Moderate	Mid-Ebb	M	6.5	14:26	12.71	8.47	33.13	20.2	2	4	98	0.209	S
CR1	20190605	Sunny	Moderate	Mid-Ebb	M	6.5	14:26	11.71	8.6	31.28	20.1	1.98	4	98	0.142	SE
CR1	20190605	Sunny	Moderate	Mid-Ebb	S	1	14:27	13	8.63	29.25	20.2	2.38	4	99	0.111	S
CR1	20190605	Sunny	Moderate	Mid-Ebb	S	1	14:27	13.64	8.72	30.83	20.1	2.2	4	98	0.161	SE
CR2	20190605	Sunny	Moderate	Mid-Ebb	B	10.3	14:02	13.39	8.36	28.51	20.2	2.15	4	98	0.104	E
CR2	20190605	Sunny	Moderate	Mid-Ebb	B	10.3	14:02	11.32	8.75	28.82	20.1	2.11	4	98	0.184	SE
CR2	20190605	Sunny	Moderate	Mid-Ebb	M	5.7	14:03	12.16	8.54	32.25	20.1	1.89	4	99	0.224	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	Direction in NESW
CR2	20190605	Sunny	Moderate	Mid-Ebb	M	5.7	14:03	11.14	8.56	28.57	20.2	2.03	5	97	0.221	E
CR2	20190605	Sunny	Moderate	Mid-Ebb	S	1	14:04	12.12	8.97	30.83	20.2	1.93	3	98	0.102	E
CR2	20190605	Sunny	Moderate	Mid-Ebb	S	1	14:04	11.34	8.55	27.82	20.2	2.13	3	97	0.188	E
S1	20190605	Sunny	Moderate	Mid-Ebb	B	3.9	13:23	12.16	8.49	27.64	20.2	2.03	5	98	0.219	S
S1	20190605	Sunny	Moderate	Mid-Ebb	B	3.9	13:23	12.58	8.87	30.43	20.2	2.01	4	97	0.175	SE
S1	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:24	11.61	8.72	28.67	20.2	1.94	4	98	0.095	SE
S1	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:24	11.06	8.78	33.4	20.2	1.85	4	98	0.183	S
S2A	20190605	Sunny	Moderate	Mid-Ebb	B	8.2	13:49	12.72	8.74	31.2	20.2	1.94	5	98	0.179	SE
S2A	20190605	Sunny	Moderate	Mid-Ebb	B	8.2	13:49	13.5	8.67	33.35	20.2	1.85	6	98	0.164	SE
S2A	20190605	Sunny	Moderate	Mid-Ebb	M	4.6	13:50	13.63	8.97	27.98	20.2	1.59	6	98	0.248	SE
S2A	20190605	Sunny	Moderate	Mid-Ebb	M	4.6	13:50	12.82	8.76	29.12	20.2	1.62	6	97	0.175	E
S2A	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:51	12.68	8.72	27.7	20.1	1.63	4	99	0.109	SE
S2A	20190605	Sunny	Moderate	Mid-Ebb	S	1	13:51	13.21	8.91	27.86	20.1	1.7	4	96	0.105	S
S3	20190605	Sunny	Moderate	Mid-Ebb	B	8.9	14:11	11.07	8.61	27.83	20.1	1.78	5	98	0.086	S
S3	20190605	Sunny	Moderate	Mid-Ebb	B	8.9	14:11	11.66	8.76	30.56	20.2	1.94	6	98	0.109	S
S3	20190605	Sunny	Moderate	Mid-Ebb	M	5	14:12	11.43	9	28.51	20.1	1.63	5	98	0.096	S
S3	20190605	Sunny	Moderate	Mid-Ebb	M	5	14:12	11.81	8.47	28.17	20.2	1.82	5	98	0.126	S
S3	20190605	Sunny	Moderate	Mid-Ebb	S	1	14:13	13.1	8.42	30.92	20.1	1.99	6	99	0.22	S
S3	20190605	Sunny	Moderate	Mid-Ebb	S	1	14:13	12.89	8.33	30.29	20.2	2.18	7	98	0.234	E
B1	20190605	Sunny	Moderate	Mid-Flood	B	4.3	18:14	13.71	8.33	32.77	20.2	2.37	4	98	0.185	SW
B1	20190605	Sunny	Moderate	Mid-Flood	B	4.3	18:14	11.38	8.81	31.77	20.1	2.19	4	100	0.248	W
B1	20190605	Sunny	Moderate	Mid-Flood	S	1	18:15	12.42	8.66	31.48	20.2	2.22	3	99	0.211	W
B1	20190605	Sunny	Moderate	Mid-Flood	S	1	18:15	10.99	8.89	32.44	20.1	2.36	4	100	0.124	NW
B2	20190605	Sunny	Moderate	Mid-Flood	B	4.7	18:34	13.16	8.87	32.04	20.2	2.29	4	101	0.244	W
B2	20190605	Sunny	Moderate	Mid-Flood	B	4.7	18:34	13.06	8.34	27.56	20.1	2.22	3	101	0.258	W
B2	20190605	Sunny	Moderate	Mid-Flood	S	1	18:35	13.88	8.98	32.91	20.1	2.04	4	99	0.24	W
B2	20190605	Sunny	Moderate	Mid-Flood	S	1	18:35	11.5	8.52	27.48	20.1	2.2	4	98	0.236	W
B3	20190605	Sunny	Moderate	Mid-Flood	B	4.9	18:10	11.93	8.43	30.34	20.2	2.45	3	98	0.272	SW
B3	20190605	Sunny	Moderate	Mid-Flood	B	4.9	18:10	12.26	8.34	33.27	20.1	2.41	3	98	0.234	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	Direction in NESW
B3	20190605	Sunny	Moderate	Mid-Flood	S	1	18:11	11.37	8.81	28.28	20.2	1.66	3	97	0.266	NW
B3	20190605	Sunny	Moderate	Mid-Flood	S	1	18:11	12.62	8.63	28.1	20.2	1.51	3	100	0.229	SW
B4	20190605	Sunny	Moderate	Mid-Flood	B	4.5	18:20	11.81	8.65	30.73	20.2	1.96	3	98	0.178	NW
B4	20190605	Sunny	Moderate	Mid-Flood	B	4.5	18:20	12.45	9.02	33.21	20.2	1.91	4	98	0.235	SW
B4	20190605	Sunny	Moderate	Mid-Flood	S	1	18:21	11.39	8.97	33.39	20.2	2.96	3	99	0.218	W
B4	20190605	Sunny	Moderate	Mid-Flood	S	1	18:21	11.83	8.97	27.43	20.1	3.08	2	100	0.185	SW
C1A	20190605	Sunny	Moderate	Mid-Flood	B	9.6	17:37	13.26	9.03	29.75	20.1	1.86	5	99	0.254	W
C1A	20190605	Sunny	Moderate	Mid-Flood	B	9.6	17:37	13.23	8.7	31.69	20.1	1.95	4	98	0.287	W
C1A	20190605	Sunny	Moderate	Mid-Flood	M	5.3	17:38	12.01	8.42	29.46	20.2	2.49	3	101	0.289	NW
C1A	20190605	Sunny	Moderate	Mid-Flood	M	5.3	17:38	12.33	8.53	29.08	20.1	2.38	4	98	0.236	W
C1A	20190605	Sunny	Moderate	Mid-Flood	S	1	17:39	11.54	8.58	27.49	20.2	2.09	4	98	0.179	W
C1A	20190605	Sunny	Moderate	Mid-Flood	S	1	17:39	13.63	8.53	29.3	20.1	1.99	4	99	0.138	SW
C2A	20190605	Sunny	Moderate	Mid-Flood	B	11	17:37	11.18	8.32	27.37	20.2	1.76	4	99	0.192	NW
C2A	20190605	Sunny	Moderate	Mid-Flood	B	11	17:37	11.04	8.44	29.46	20.2	1.57	3	98	0.265	W
C2A	20190605	Sunny	Moderate	Mid-Flood	M	6	17:38	13.05	8.61	28.13	20.1	2.27	3	100	0.129	W
C2A	20190605	Sunny	Moderate	Mid-Flood	M	6	17:38	13.82	8.69	29.69	20.2	2.11	3	98	0.181	W
C2A	20190605	Sunny	Moderate	Mid-Flood	S	1	17:39	11.31	8.88	28.62	20.2	2.47	4	98	0.176	W
C2A	20190605	Sunny	Moderate	Mid-Flood	S	1	17:39	13.19	8.97	28.94	20.1	2.5	3	100	0.225	W
F1A	20190605	Sunny	Moderate	Mid-Flood	B	7.1	18:42	12.66	8.93	32.2	20.2	2.52	4	98	0.287	SW
F1A	20190605	Sunny	Moderate	Mid-Flood	B	7.1	18:42	13.06	8.88	29.84	20.2	2.69	3	98	0.138	W
F1A	20190605	Sunny	Moderate	Mid-Flood	M	4.1	18:43	10.98	8.99	31.87	20.2	2.96	4	99	0.154	W
F1A	20190605	Sunny	Moderate	Mid-Flood	M	4.1	18:43	12.97	8.67	29.04	20.2	3.01	3	98	0.164	W
F1A	20190605	Sunny	Moderate	Mid-Flood	S	1	18:44	12.43	8.48	29.19	20.2	1.77	4	99	0.192	W
F1A	20190605	Sunny	Moderate	Mid-Flood	S	1	18:44	13.04	8.68	31.01	20.1	1.93	5	99	0.193	W
H1	20190605	Sunny	Moderate	Mid-Flood	B	7.2	17:57	11.71	9.04	31.41	20.1	1.57	3	98	0.199	SW
H1	20190605	Sunny	Moderate	Mid-Flood	B	7.2	17:57	11.74	8.72	30.91	20.1	1.69	3	98	0.268	SW
H1	20190605	Sunny	Moderate	Mid-Flood	M	4.1	17:58	12.85	8.58	28.97	20.2	2.23	4	98	0.199	SW
H1	20190605	Sunny	Moderate	Mid-Flood	M	4.1	17:58	11.86	8.64	33.43	20.1	2.21	4	99	0.258	SW
H1	20190605	Sunny	Moderate	Mid-Flood	S	1	17:59	11.71	8.99	27.78	20.2	1.62	3	98	0.123	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	Direction in NESW
H1	20190605	Sunny	Moderate	Mid-Flood	S	1	17:59	13.67	8.8	31.68	20.1	1.44	4	98	0.147	W
M1	20190605	Sunny	Moderate	Mid-Flood	B	6.8	19:11	12.9	8.79	30.06	20.2	1.83	2	99	0.208	W
M1	20190605	Sunny	Moderate	Mid-Flood	B	6.8	19:11	12.81	8.87	28.04	20.2	1.82	3	98	0.186	SW
M1	20190605	Sunny	Moderate	Mid-Flood	M	3.9	19:12	11.22	8.79	29.69	20.2	1.71	2	101	0.273	W
M1	20190605	Sunny	Moderate	Mid-Flood	M	3.9	19:12	12.56	8.37	30.37	20.1	1.79	3	101	0.273	NW
M1	20190605	Sunny	Moderate	Mid-Flood	S	1	19:13	12.26	8.38	31.04	20.1	1.55	3	100	0.186	SW
M1	20190605	Sunny	Moderate	Mid-Flood	S	1	19:13	12.55	8.32	32.31	20.1	1.61	4	99	0.125	NW
CR1	20190605	Sunny	Moderate	Mid-Flood	B	11.5	19:24	13.69	8.59	28.43	20.2	2.54	3	100	0.172	NW
CR1	20190605	Sunny	Moderate	Mid-Flood	B	11.5	19:24	13.55	8.37	28.87	20.1	2.71	4	102	0.258	W
CR1	20190605	Sunny	Moderate	Mid-Flood	M	6.3	19:25	11.48	8.69	31.33	20.2	1.67	3	101	0.133	SW
CR1	20190605	Sunny	Moderate	Mid-Flood	M	6.3	19:25	11.79	8.36	30.28	20.2	1.82	4	101	0.251	W
CR1	20190605	Sunny	Moderate	Mid-Flood	S	1	19:26	11.17	8.55	28.28	20.1	2.56	3	98	0.29	NW
CR1	20190605	Sunny	Moderate	Mid-Flood	S	1	19:26	13.03	8.48	30.57	20.2	2.56	3	100	0.238	W
CR2	20190605	Sunny	Moderate	Mid-Flood	B	10.8	19:02	13.55	9.04	30.8	20.1	2.53	4	98	0.256	W
CR2	20190605	Sunny	Moderate	Mid-Flood	B	10.8	19:02	12.94	8.51	29.05	20.1	2.62	3	98	0.257	W
CR2	20190605	Sunny	Moderate	Mid-Flood	M	5.9	19:03	12.65	8.5	28.8	20.2	1.96	4	98	0.263	NW
CR2	20190605	Sunny	Moderate	Mid-Flood	M	5.9	19:03	12.78	8.91	33.15	20.1	2.13	4	99	0.211	NW
CR2	20190605	Sunny	Moderate	Mid-Flood	S	1	19:04	13.55	8.9	28.4	20.1	1.89	3	101	0.136	W
CR2	20190605	Sunny	Moderate	Mid-Flood	S	1	19:04	11.64	8.44	28.53	20.2	2.07	3	99	0.208	SW
S1	20190605	Sunny	Moderate	Mid-Flood	B	4.1	18:24	11.42	8.68	31.75	20.2	1.69	2	100	0.242	W
S1	20190605	Sunny	Moderate	Mid-Flood	B	4.1	18:24	11.69	8.56	32.86	20.2	1.6	4	100	0.197	W
S1	20190605	Sunny	Moderate	Mid-Flood	S	1	18:25	12.85	8.75	31.33	20.1	1.74	3	98	0.226	W
S1	20190605	Sunny	Moderate	Mid-Flood	S	1	18:25	11.53	8.59	31.1	20.2	1.8	3	100	0.272	W
S2A	20190605	Sunny	Moderate	Mid-Flood	B	8.7	18:50	13.89	8.63	30.06	20.2	2.62	3	100	0.179	W
S2A	20190605	Sunny	Moderate	Mid-Flood	B	8.7	18:50	11.94	8.44	30.24	20.1	2.69	4	100	0.184	W
S2A	20190605	Sunny	Moderate	Mid-Flood	M	4.9	18:51	12.73	8.82	32.24	20.1	1.88	3	99	0.232	W
S2A	20190605	Sunny	Moderate	Mid-Flood	M	4.9	18:51	13.78	8.9	29.81	20.2	1.86	3	100	0.239	W
S2A	20190605	Sunny	Moderate	Mid-Flood	S	1	18:52	13.33	8.58	30.93	20.1	2.92	4	98	0.199	NW
S2A	20190605	Sunny	Moderate	Mid-Flood	S	1	18:52	13.12	8.72	32.21	20.1	2.91	4	101	0.236	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	Direction in NESW
S3	20190605	Sunny	Moderate	Mid-Flood	B	9.6	19:12	12.81	8.42	31.27	20.2	2.61	4	100	0.232	SW
S3	20190605	Sunny	Moderate	Mid-Flood	B	9.6	19:12	11.22	8.74	33.12	20.1	2.81	4	97	0.188	NW
S3	20190605	Sunny	Moderate	Mid-Flood	M	5.3	19:13	12.46	8.51	31.86	20.2	1.57	3	100	0.201	W
S3	20190605	Sunny	Moderate	Mid-Flood	M	5.3	19:13	13.71	8.37	30	20.2	1.67	4	97	0.122	W
S3	20190605	Sunny	Moderate	Mid-Flood	S	1	19:14	13.88	8.86	32.99	20.2	1.54	5	99	0.204	SW
S3	20190605	Sunny	Moderate	Mid-Flood	S	1	19:14	12.42	8.64	33.24	20.2	1.53	4	99	0.248	W
B1	20190608	Cloudy	Moderate	Mid-Ebb	B	4	8:43	11.11	8.57	29.36	25.2	2.93	3	98	0.164	S
B1	20190608	Cloudy	Moderate	Mid-Ebb	B	4	8:43	13.08	8.58	29.09	25.2	2.79	3	98	0.18	SE
B1	20190608	Cloudy	Moderate	Mid-Ebb	S	1	8:44	11.35	9.02	31.28	25.2	1.77	4	98	0.093	SE
B1	20190608	Cloudy	Moderate	Mid-Ebb	S	1	8:44	11.11	8.99	29.83	25.2	1.64	4	98	0.122	SE
B2	20190608	Cloudy	Moderate	Mid-Ebb	B	4.5	9:03	11.83	8.95	28.98	25.1	2.29	4	100	0.103	S
B2	20190608	Cloudy	Moderate	Mid-Ebb	B	4.5	9:03	11.78	8.35	33.27	25.2	2.29	5	98	0.196	SE
B2	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:04	11.88	8.82	30.02	25.1	1.75	2	97	0.088	S
B2	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:04	13.27	8.67	28.55	25.1	1.74	3	100	0.093	SE
B3	20190608	Cloudy	Moderate	Mid-Ebb	B	4.8	8:52	12.32	8.81	32.53	25.2	2.39	4	99	0.116	S
B3	20190608	Cloudy	Moderate	Mid-Ebb	B	4.8	8:52	13.74	8.44	30.77	25.2	2.47	4	99	0.221	S
B3	20190608	Cloudy	Moderate	Mid-Ebb	S	1	8:53	11.24	8.57	31.83	25.1	2.97	3	99	0.085	S
B3	20190608	Cloudy	Moderate	Mid-Ebb	S	1	8:53	12.3	8.36	31.9	25.2	3.14	3	99	0.227	SE
B4	20190608	Cloudy	Moderate	Mid-Ebb	B	4.3	9:04	12.86	8.74	28.83	25.1	1.62	6	100	0.21	SE
B4	20190608	Cloudy	Moderate	Mid-Ebb	B	4.3	9:04	11.83	8.95	27.99	25.2	1.49	7	100	0.178	SE
B4	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:05	11.97	8.99	28.18	25.2	2.24	4	101	0.159	SE
B4	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:05	13.86	8.8	32.12	25.1	2.28	5	99	0.22	SE
C1A	20190608	Cloudy	Moderate	Mid-Ebb	B	9.7	8:10	11.87	8.71	27.67	25.1	2.56	4	99	0.082	S
C1A	20190608	Cloudy	Moderate	Mid-Ebb	B	9.7	8:10	11.67	8.41	31.98	25.2	2.66	4	98	0.226	S
C1A	20190608	Cloudy	Moderate	Mid-Ebb	M	5.4	8:11	13.8	8.86	33.21	25.2	1.67	3	97	0.201	SE
C1A	20190608	Cloudy	Moderate	Mid-Ebb	M	5.4	8:11	12.88	8.93	33.01	25.2	1.57	4	99	0.122	S
C1A	20190608	Cloudy	Moderate	Mid-Ebb	S	1	8:12	11.6	8.46	32.74	25.1	1.68	3	98	0.176	SE
C1A	20190608	Cloudy	Moderate	Mid-Ebb	S	1	8:12	13.27	8.78	30	25.2	1.82	2	98	0.162	SE
C2A	20190608	Cloudy	Moderate	Mid-Ebb	B	10.4	8:21	12.52	8.44	30.02	25.2	1.7	5	99	0.189	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C2A	20190608	Cloudy	Moderate	Mid-Ebb	B	10.4	8:21	12.38	8.81	32.53	25.1	1.84	4	97	0.243	S
C2A	20190608	Cloudy	Moderate	Mid-Ebb	M	5.7	8:22	12.02	9.02	32.34	25.2	2.39	4	98	0.114	E
C2A	20190608	Cloudy	Moderate	Mid-Ebb	M	5.7	8:22	12.13	8.36	28.16	25.2	2.54	4	99	0.217	S
C2A	20190608	Cloudy	Moderate	Mid-Ebb	S	1	8:23	12.16	8.67	27.41	25.2	2.91	4	99	0.146	S
C2A	20190608	Cloudy	Moderate	Mid-Ebb	S	1	8:23	11.81	8.78	30.13	25.1	3.02	4	99	0.088	SE
F1A	20190608	Cloudy	Moderate	Mid-Ebb	B	7.9	9:33	12.89	8.59	27.43	25.2	2.49	4	97	0.178	E
F1A	20190608	Cloudy	Moderate	Mid-Ebb	B	7.9	9:33	12.24	8.96	27.89	25.2	2.65	4	99	0.09	S
F1A	20190608	Cloudy	Moderate	Mid-Ebb	M	4.5	9:34	11.64	8.94	33.28	25.2	1.69	3	97	0.216	S
F1A	20190608	Cloudy	Moderate	Mid-Ebb	M	4.5	9:34	13.42	8.95	31.3	25.1	1.56	3	98	0.204	S
F1A	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:35	12.55	8.4	28.64	25.2	1.53	5	97	0.128	SE
F1A	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:35	13.4	8.64	32.21	25.2	1.36	5	98	0.202	S
H1	20190608	Cloudy	Moderate	Mid-Ebb	B	7.7	8:35	12.82	8.89	31.32	25.2	2.36	3	98	0.179	SE
H1	20190608	Cloudy	Moderate	Mid-Ebb	B	7.7	8:35	11.82	8.66	32.08	25.2	2.39	4	97	0.184	S
H1	20190608	Cloudy	Moderate	Mid-Ebb	M	4.4	8:36	13.28	8.9	30.4	25.1	2.22	3	97	0.192	S
H1	20190608	Cloudy	Moderate	Mid-Ebb	M	4.4	8:36	12.75	8.55	31.62	25.2	2.13	3	98	0.215	E
H1	20190608	Cloudy	Moderate	Mid-Ebb	S	1	8:37	13.29	8.49	27.74	25.2	2.16	4	97	0.079	SE
H1	20190608	Cloudy	Moderate	Mid-Ebb	S	1	8:37	11.31	8.38	29.3	25.2	2.09	5	98	0.183	SE
M1	20190608	Cloudy	Moderate	Mid-Ebb	B	8.4	10:07	11.28	8.37	33.35	25.1	2.28	4	98	0.221	E
M1	20190608	Cloudy	Moderate	Mid-Ebb	B	8.4	10:07	11.51	8.91	30.67	25.2	2.43	5	99	0.166	E
M1	20190608	Cloudy	Moderate	Mid-Ebb	M	4.7	10:08	12.29	8.58	30.25	25.1	2.39	6	98	0.182	S
M1	20190608	Cloudy	Moderate	Mid-Ebb	M	4.7	10:08	11.48	8.39	31.45	25.2	2.34	4	100	0.17	SE
M1	20190608	Cloudy	Moderate	Mid-Ebb	S	1	10:09	13.34	8.64	27.67	25.2	2.41	5	98	0.192	SE
M1	20190608	Cloudy	Moderate	Mid-Ebb	S	1	10:09	13.07	8.5	32.31	25.1	2.51	6	100	0.187	SE
CR1	20190608	Cloudy	Moderate	Mid-Ebb	B	11.9	9:55	12.51	9.02	27.68	25.1	2.22	5	98	0.134	S
CR1	20190608	Cloudy	Moderate	Mid-Ebb	B	11.9	9:55	11.69	8.83	30.08	25.2	2.13	4	99	0.147	E
CR1	20190608	Cloudy	Moderate	Mid-Ebb	M	6.5	9:56	11.47	8.7	28.33	25.2	2.16	5	99	0.181	S
CR1	20190608	Cloudy	Moderate	Mid-Ebb	M	6.5	9:56	12.88	8.69	27.42	25.1	2.03	5	99	0.152	SE
CR1	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:57	12.53	8.99	27.3	25.2	1.52	4	98	0.174	SE
CR1	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:57	11.64	8.32	28.55	25.2	1.49	3	97	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	Direction in NESW
CR2	20190608	Cloudy	Moderate	Mid-Ebb	B	10.2	9:33	11.47	8.4	31.44	25.2	1.81	5	97	0.156	SE
CR2	20190608	Cloudy	Moderate	Mid-Ebb	B	10.2	9:33	11.03	8.77	29.03	25.2	1.64	6	97	0.191	S
CR2	20190608	Cloudy	Moderate	Mid-Ebb	M	5.6	9:34	11.02	8.3	32.69	25.2	2.55	5	97	0.141	E
CR2	20190608	Cloudy	Moderate	Mid-Ebb	M	5.6	9:34	11.45	8.32	27.88	25.2	2.42	4	97	0.146	SE
CR2	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:35	12.05	8.5	31.28	25.1	2.86	5	98	0.201	S
CR2	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:35	13.56	8.46	29.11	25.1	2.99	4	98	0.193	SE
S1	20190608	Cloudy	Moderate	Mid-Ebb	B	4	8:52	13.28	8.52	27.71	25.2	1.93	6	97	0.222	E
S1	20190608	Cloudy	Moderate	Mid-Ebb	B	4	8:52	13.47	8.55	31.16	25.2	1.77	5	99	0.097	S
S1	20190608	Cloudy	Moderate	Mid-Ebb	S	1	8:53	10.95	8.47	31.76	25.2	1.82	4	100	0.215	SE
S1	20190608	Cloudy	Moderate	Mid-Ebb	S	1	8:53	12.47	8.87	29.09	25.2	1.88	5	99	0.231	SE
S2A	20190608	Cloudy	Moderate	Mid-Ebb	B	8.4	9:19	11.68	8.87	29.17	25.1	2.69	4	97	0.151	S
S2A	20190608	Cloudy	Moderate	Mid-Ebb	B	8.4	9:19	12.72	8.99	31.32	25.2	2.51	4	97	0.148	S
S2A	20190608	Cloudy	Moderate	Mid-Ebb	M	4.7	9:20	11.85	9	32.57	25.2	2.07	4	98	0.17	SE
S2A	20190608	Cloudy	Moderate	Mid-Ebb	M	4.7	9:20	12.58	8.44	28.68	25.2	2.01	5	98	0.18	SE
S2A	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:21	13.67	8.94	30.27	25.2	2.23	3	100	0.129	S
S2A	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:21	12.53	8.57	33.25	25.1	2.07	3	98	0.136	S
S3	20190608	Cloudy	Moderate	Mid-Ebb	B	9.7	9:42	12.44	8.48	28.13	25.2	2.55	6	97	0.214	E
S3	20190608	Cloudy	Moderate	Mid-Ebb	B	9.7	9:42	13.79	8.46	32.63	25.1	2.42	6	98	0.225	S
S3	20190608	Cloudy	Moderate	Mid-Ebb	M	5.4	9:43	11.95	8.58	28.76	25.2	1.59	3	97	0.102	S
S3	20190608	Cloudy	Moderate	Mid-Ebb	M	5.4	9:43	10.98	8.78	29.07	25.1	1.73	4	97	0.103	S
S3	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:44	12.8	8.55	32.95	25.2	2.66	4	97	0.196	E
S3	20190608	Cloudy	Moderate	Mid-Ebb	S	1	9:44	13.82	8.64	32.9	25.1	2.79	4	97	0.172	SE
B1	20190608	Cloudy	Moderate	Mid-Flood	B	4.8	14:44	11.65	8.94	29.81	30.6	1.8	3	97	0.183	W
B1	20190608	Cloudy	Moderate	Mid-Flood	B	4.8	14:44	12.08	8.98	33.45	30.5	1.61	4	99	0.255	SW
B1	20190608	Cloudy	Moderate	Mid-Flood	S	1	14:45	10.97	8.61	27.29	30.5	1.79	4	97	0.273	W
B1	20190608	Cloudy	Moderate	Mid-Flood	S	1	14:45	11.72	8.81	31.63	30.5	1.81	3	97	0.266	SW
B2	20190608	Cloudy	Moderate	Mid-Flood	B	4.5	15:04	13.38	8.49	27.84	30.5	2.66	3	97	0.173	NW
B2	20190608	Cloudy	Moderate	Mid-Flood	B	4.5	15:04	12.2	8.73	27.74	30.4	2.59	4	99	0.193	W
B2	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:05	10.97	8.49	31.66	30.6	2.8	3	98	0.233	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	Direction in NESW
B2	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:05	11.61	8.47	32.53	30.5	2.7	4	97	0.169	W
B3	20190608	Cloudy	Moderate	Mid-Flood	B	4.9	14:51	11.49	8.44	28.37	30.6	1.5	4	99	0.132	W
B3	20190608	Cloudy	Moderate	Mid-Flood	B	4.9	14:51	10.97	8.89	32.12	30.5	1.42	4	97	0.175	W
B3	20190608	Cloudy	Moderate	Mid-Flood	S	1	14:52	12.29	9.03	29.22	30.4	1.69	4	97	0.157	W
B3	20190608	Cloudy	Moderate	Mid-Flood	S	1	14:52	13	9.04	27.69	30.5	1.89	5	97	0.126	SW
B4	20190608	Cloudy	Moderate	Mid-Flood	B	4.5	15:04	11.28	8.61	27.7	30.5	3	4	98	0.269	NW
B4	20190608	Cloudy	Moderate	Mid-Flood	B	4.5	15:04	11.59	8.66	28.65	30.5	3.11	5	97	0.264	SW
B4	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:05	12.72	8.79	31.9	30.6	2.24	4	97	0.292	W
B4	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:05	11.98	8.67	32.8	30.6	2.42	4	99	0.205	W
C1A	20190608	Cloudy	Moderate	Mid-Flood	B	9.6	14:19	12.03	8.85	32.15	30.5	2.57	6	98	0.135	W
C1A	20190608	Cloudy	Moderate	Mid-Flood	B	9.6	14:19	13.17	8.82	32.21	30.5	2.7	5	98	0.136	W
C1A	20190608	Cloudy	Moderate	Mid-Flood	M	5.3	14:20	13.24	8.66	28.33	30.6	2.27	4	100	0.193	W
C1A	20190608	Cloudy	Moderate	Mid-Flood	M	5.3	14:20	13.85	8.9	31.99	30.4	2.1	4	99	0.231	SW
C1A	20190608	Cloudy	Moderate	Mid-Flood	S	1	14:21	11.67	8.48	31.15	30.5	2.54	3	98	0.238	SW
C1A	20190608	Cloudy	Moderate	Mid-Flood	S	1	14:21	12.18	8.4	27.76	30.5	2.46	4	97	0.225	SW
C2A	20190608	Cloudy	Moderate	Mid-Flood	B	10	14:19	11.89	8.83	30.88	30.6	2.96	4	97	0.14	W
C2A	20190608	Cloudy	Moderate	Mid-Flood	B	10	14:19	13.35	8.66	31.79	30.4	2.83	4	97	0.25	SW
C2A	20190608	Cloudy	Moderate	Mid-Flood	M	5.5	14:20	12.33	8.9	32.71	30.4	1.63	4	99	0.259	W
C2A	20190608	Cloudy	Moderate	Mid-Flood	M	5.5	14:20	11.8	8.35	30.9	30.4	1.54	5	97	0.275	NW
C2A	20190608	Cloudy	Moderate	Mid-Flood	S	1	14:21	11.93	8.88	31.63	30.5	1.67	5	99	0.172	NW
C2A	20190608	Cloudy	Moderate	Mid-Flood	S	1	14:21	11.79	8.63	33.43	30.4	1.82	4	98	0.128	NW
F1A	20190608	Cloudy	Moderate	Mid-Flood	B	7.4	15:32	12.45	8.95	32.35	30.6	2.32	5	98	0.197	W
F1A	20190608	Cloudy	Moderate	Mid-Flood	B	7.4	15:32	13.82	8.8	30.61	30.5	2.17	4	97	0.224	W
F1A	20190608	Cloudy	Moderate	Mid-Flood	M	4.2	15:33	12.6	8.84	33.38	30.6	2.52	5	98	0.208	W
F1A	20190608	Cloudy	Moderate	Mid-Flood	M	4.2	15:33	13.27	8.57	27.92	30.6	2.63	6	96	0.209	W
F1A	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:34	12.5	9.01	32.14	30.4	1.93	4	97	0.242	W
F1A	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:34	12.52	8.5	31.23	30.4	2.13	5	97	0.281	W
H1	20190608	Cloudy	Moderate	Mid-Flood	B	7.3	14:38	13.44	8.84	28.86	30.6	2.03	4	99	0.211	W
H1	20190608	Cloudy	Moderate	Mid-Flood	B	7.3	14:38	11.95	8.35	32.48	30.5	1.97	4	97	0.224	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	Direction in NESW
H1	20190608	Cloudy	Moderate	Mid-Flood	M	4.2	14:39	13.02	8.43	31.2	30.5	1.61	4	99	0.175	W
H1	20190608	Cloudy	Moderate	Mid-Flood	M	4.2	14:39	11.61	8.83	30.52	30.6	1.71	3	97	0.247	W
H1	20190608	Cloudy	Moderate	Mid-Flood	S	1	14:40	12.2	8.96	30.5	30.6	2.58	3	99	0.271	W
H1	20190608	Cloudy	Moderate	Mid-Flood	S	1	14:40	11.93	8.95	33.13	30.5	2.75	3	99	0.136	SW
M1	20190608	Cloudy	Moderate	Mid-Flood	B	6.5	16:06	13.41	8.61	32.38	30.5	1.95	3	97	0.131	W
M1	20190608	Cloudy	Moderate	Mid-Flood	B	6.5	16:06	11.66	8.73	31.61	30.4	2.15	3	98	0.182	SW
M1	20190608	Cloudy	Moderate	Mid-Flood	M	3.8	16:07	12.26	8.53	28.21	30.5	2.28	4	97	0.228	NW
M1	20190608	Cloudy	Moderate	Mid-Flood	M	3.8	16:07	12.83	8.54	31.71	30.5	2.32	5	98	0.252	W
M1	20190608	Cloudy	Moderate	Mid-Flood	S	1	16:08	13.28	9.04	30.35	30.4	2.18	3	98	0.133	W
M1	20190608	Cloudy	Moderate	Mid-Flood	S	1	16:08	11.33	8.62	29.47	30.4	2.06	3	97	0.269	NW
CR1	20190608	Cloudy	Moderate	Mid-Flood	B	11.5	15:56	11.43	8.72	27.63	30.5	2.93	4	96	0.191	W
CR1	20190608	Cloudy	Moderate	Mid-Flood	B	11.5	15:56	11.59	8.96	31.9	30.6	2.82	5	97	0.129	NW
CR1	20190608	Cloudy	Moderate	Mid-Flood	M	6.3	15:57	12.94	8.33	27.54	30.5	2.01	4	97	0.249	SW
CR1	20190608	Cloudy	Moderate	Mid-Flood	M	6.3	15:57	13.53	8.76	27.47	30.4	2.02	5	96	0.156	SW
CR1	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:58	12.95	8.67	30.01	30.6	2.2	5	97	0.251	W
CR1	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:58	11.84	8.3	28.21	30.5	2.14	4	100	0.231	NW
CR2	20190608	Cloudy	Moderate	Mid-Flood	B	9.9	15:34	13	8.59	32.12	30.6	1.64	4	98	0.149	NW
CR2	20190608	Cloudy	Moderate	Mid-Flood	B	9.9	15:34	13.48	8.8	30.53	30.5	1.7	5	99	0.262	W
CR2	20190608	Cloudy	Moderate	Mid-Flood	M	5.5	15:35	11.46	8.51	28.12	30.5	2.56	3	97	0.151	W
CR2	20190608	Cloudy	Moderate	Mid-Flood	M	5.5	15:35	11.37	8.47	27.51	30.6	2.43	4	98	0.169	W
CR2	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:36	13.24	8.99	29.16	30.6	2.92	3	97	0.122	NW
CR2	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:36	12.4	9.02	28.03	30.4	2.93	4	100	0.214	W
S1	20190608	Cloudy	Moderate	Mid-Flood	B	4.4	14:53	11.59	8.76	29.7	30.6	2.36	5	99	0.214	W
S1	20190608	Cloudy	Moderate	Mid-Flood	B	4.4	14:53	13.51	8.54	29.67	30.4	2.5	4	98	0.158	SW
S1	20190608	Cloudy	Moderate	Mid-Flood	S	1	14:54	12.66	8.77	31.32	30.6	2.93	4	98	0.221	W
S1	20190608	Cloudy	Moderate	Mid-Flood	S	1	14:54	13.67	8.64	29.46	30.6	2.93	4	98	0.126	SW
S2A	20190608	Cloudy	Moderate	Mid-Flood	B	8.2	15:20	13.48	8.55	31.8	30.4	1.62	4	97	0.276	W
S2A	20190608	Cloudy	Moderate	Mid-Flood	B	8.2	15:20	11.28	8.58	30.24	30.6	1.58	5	97	0.262	SW
S2A	20190608	Cloudy	Moderate	Mid-Flood	M	4.6	15:21	13.06	8.97	27.29	30.6	2	2	98	0.186	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	Direction in NESW
S2A	20190608	Cloudy	Moderate	Mid-Flood	M	4.6	15:21	13.62	8.31	31.09	30.6	1.8	4	98	0.221	SW
S2A	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:22	13.13	8.55	31.4	30.6	2.36	5	98	0.288	NW
S2A	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:22	13.6	8.39	30.86	30.4	2.34	4	97	0.214	W
S3	20190608	Cloudy	Moderate	Mid-Flood	B	8.1	15:44	11.3	8.42	31.97	30.4	2.91	6	98	0.188	W
S3	20190608	Cloudy	Moderate	Mid-Flood	B	8.1	15:44	10.98	8.52	32.5	30.4	2.88	5	97	0.28	W
S3	20190608	Cloudy	Moderate	Mid-Flood	M	4.6	15:45	13.07	8.48	32.29	30.4	2.26	4	99	0.186	NW
S3	20190608	Cloudy	Moderate	Mid-Flood	M	4.6	15:45	11.94	9.02	29.73	30.5	2.31	5	97	0.25	W
S3	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:46	12.95	8.71	27.42	30.6	1.76	4	97	0.232	W
S3	20190608	Cloudy	Moderate	Mid-Flood	S	1	15:46	11.94	8.64	32.48	30.4	1.85	4	98	0.153	W
B1	20190610	Cloudy	Moderate	Mid-Ebb	B	4.1	10:21	13.79	9.02	27.45	20.1	1.57	7	97	0.124	S
B1	20190610	Cloudy	Moderate	Mid-Ebb	B	4.1	10:21	11.25	8.78	27.97	20.2	1.49	8	96	0.236	E
B1	20190610	Cloudy	Moderate	Mid-Ebb	S	1	10:22	11.21	8.71	31.65	20.2	2.25	6	96	0.085	SE
B1	20190610	Cloudy	Moderate	Mid-Ebb	S	1	10:22	13.02	8.84	31.71	20.2	1.78	6	97	0.181	S
B2	20190610	Cloudy	Moderate	Mid-Ebb	B	4.9	10:42	13.05	8.91	28.08	20.1	1.83	8	96	0.148	S
B2	20190610	Cloudy	Moderate	Mid-Ebb	B	4.9	10:42	11.22	9.03	32.28	20.2	1.91	9	96	0.203	SE
B2	20190610	Cloudy	Moderate	Mid-Ebb	S	1	10:43	12	8.62	27.45	20.2	2.24	8	98	0.165	SE
B2	20190610	Cloudy	Moderate	Mid-Ebb	S	1	10:43	13.05	8.32	27.57	20.1	2.01	8	97	0.209	SE
B3	20190610	Cloudy	Moderate	Mid-Ebb	B	4.1	11:24	13.2	8.73	31.6	20.1	1.95	6	97	0.089	S
B3	20190610	Cloudy	Moderate	Mid-Ebb	B	4.1	11:24	11.44	8.69	30.12	20.2	1.98	7	98	0.108	E
B3	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:25	11.3	8.68	33.15	20.2	2.2	6	96	0.245	SE
B3	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:25	11.54	8.65	28.17	20.2	2.15	7	97	0.177	S
B4	20190610	Cloudy	Moderate	Mid-Ebb	B	4	11:36	13.36	9.01	28.57	20.1	1.5	9	97	0.129	S
B4	20190610	Cloudy	Moderate	Mid-Ebb	B	4	11:36	10.99	8.45	29.45	20.2	1.73	8	97	0.248	S
B4	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:37	11.58	8.92	28.75	20.1	2.02	8	97	0.203	S
B4	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:37	12.67	8.39	30.11	20.2	1.74	9	97	0.09	SE
C1A	20190610	Cloudy	Moderate	Mid-Ebb	B	9.1	9:48	13.61	8.78	30.55	20.1	1.72	8	97	0.124	SE
C1A	20190610	Cloudy	Moderate	Mid-Ebb	B	9.1	9:48	11.97	8.57	27.76	20.1	1.48	8	97	0.103	S
C1A	20190610	Cloudy	Moderate	Mid-Ebb	M	5.1	9:49	12	8.32	33.28	20.2	2.07	8	98	0.233	E
C1A	20190610	Cloudy	Moderate	Mid-Ebb	M	5.1	9:49	12.35	8.89	32.98	20.2	1.77	8	97	0.209	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	Direction in NESW
C1A	20190610	Cloudy	Moderate	Mid-Ebb	S	1	9:50	11.83	8.39	31.6	20.2	1.86	6	97	0.187	E
C1A	20190610	Cloudy	Moderate	Mid-Ebb	S	1	9:50	11.07	9.02	30.86	20.2	1.93	6	97	0.119	S
C2A	20190610	Cloudy	Moderate	Mid-Ebb	B	10.8	10:51	13.27	8.33	31.58	20.1	2.01	6	97	0.133	E
C2A	20190610	Cloudy	Moderate	Mid-Ebb	B	10.8	10:51	13	8.63	30.35	20.2	1.76	7	97	0.103	SE
C2A	20190610	Cloudy	Moderate	Mid-Ebb	M	5.9	10:52	12.56	8.73	28.88	20.1	1.92	7	98	0.231	S
C2A	20190610	Cloudy	Moderate	Mid-Ebb	M	5.9	10:52	11.86	9.03	28.77	20.2	1.75	7	97	0.146	E
C2A	20190610	Cloudy	Moderate	Mid-Ebb	S	1	10:53	13.18	8.63	31.65	20.1	2.25	6	98	0.233	E
C2A	20190610	Cloudy	Moderate	Mid-Ebb	S	1	10:53	13.43	8.34	27.41	20.1	1.97	6	97	0.13	E
F1A	20190610	Cloudy	Moderate	Mid-Ebb	B	8.1	9:53	13.24	8.75	27.95	20.2	1.8	9	97	0.102	S
F1A	20190610	Cloudy	Moderate	Mid-Ebb	B	8.1	9:53	12.79	8.64	32.78	20.1	1.67	9	97	0.123	SE
F1A	20190610	Cloudy	Moderate	Mid-Ebb	M	4.6	9:54	13.72	8.82	27.41	20.2	2.01	7	98	0.232	SE
F1A	20190610	Cloudy	Moderate	Mid-Ebb	M	4.6	9:54	13.13	8.87	31.42	20.1	1.72	7	98	0.13	E
F1A	20190610	Cloudy	Moderate	Mid-Ebb	S	1	9:55	11.27	8.7	30.33	20.2	1.73	7	97	0.195	S
F1A	20190610	Cloudy	Moderate	Mid-Ebb	S	1	9:55	13.69	9.02	30.35	20.1	1.78	6	97	0.159	S
H1	20190610	Cloudy	Moderate	Mid-Ebb	B	7.1	11:08	11.48	8.41	31.84	20.2	1.5	10	97	0.233	SE
H1	20190610	Cloudy	Moderate	Mid-Ebb	B	7.1	11:08	13.31	8.54	32.23	20.1	1.64	10	96	0.143	E
H1	20190610	Cloudy	Moderate	Mid-Ebb	M	4.1	11:09	13.52	8.89	32.42	20.2	1.74	7	98	0.153	SE
H1	20190610	Cloudy	Moderate	Mid-Ebb	M	4.1	11:09	11.06	9.04	33	20.2	1.59	8	98	0.16	S
H1	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:10	13.05	8.99	27.28	20.2	2.01	8	97	0.21	S
H1	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:10	12.5	8.54	31.04	20.2	1.99	7	97	0.232	S
M1	20190610	Cloudy	Moderate	Mid-Ebb	B	7.8	10:25	11.92	8.65	28.82	20.1	1.79	7	97	0.235	SE
M1	20190610	Cloudy	Moderate	Mid-Ebb	B	7.8	10:25	13.72	8.48	31.77	20.1	1.46	7	97	0.242	S
M1	20190610	Cloudy	Moderate	Mid-Ebb	M	4.4	10:26	13.07	8.44	32.82	20.1	1.68	6	94	0.122	SE
M1	20190610	Cloudy	Moderate	Mid-Ebb	M	4.4	10:26	12.21	8.38	31.69	20.2	1.82	6	96	0.205	S
M1	20190610	Cloudy	Moderate	Mid-Ebb	S	1	10:27	12.87	8.87	30.67	20.1	1.9	8	97	0.22	SE
M1	20190610	Cloudy	Moderate	Mid-Ebb	S	1	10:27	12.69	8.57	32.72	20.2	1.91	8	97	0.234	S
CR1	20190610	Cloudy	Moderate	Mid-Ebb	B	11.4	11:39	12.23	8.9	28.51	20.2	1.74	9	98	0.185	S
CR1	20190610	Cloudy	Moderate	Mid-Ebb	B	11.4	11:39	12.71	8.43	32.3	20.1	1.48	8	98	0.08	S
CR1	20190610	Cloudy	Moderate	Mid-Ebb	M	6.2	11:40	13.34	8.31	31.46	20.1	1.73	9	97	0.141	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	Direction in NESW
CR1	20190610	Cloudy	Moderate	Mid-Ebb	M	6.2	11:40	12.49	8.49	28.8	20.2	1.99	9	97	0.134	S
CR1	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:41	13.18	8.5	33.03	20.1	2.14	7	96	0.107	S
CR1	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:41	12.01	9	30.48	20.1	1.86	7	97	0.242	E
CR2	20190610	Cloudy	Moderate	Mid-Ebb	B	10.9	11:15	11.31	8.48	29.72	20.2	1.8	9	98	0.087	E
CR2	20190610	Cloudy	Moderate	Mid-Ebb	B	10.9	11:15	13.04	8.98	30.71	20.2	1.66	9	97	0.219	SE
CR2	20190610	Cloudy	Moderate	Mid-Ebb	M	6	11:16	12.48	8.76	33.4	20.1	1.54	8	97	0.083	S
CR2	20190610	Cloudy	Moderate	Mid-Ebb	M	6	11:16	13.26	8.82	33.08	20.1	2.12	8	98	0.096	SE
CR2	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:17	11.6	8.72	28.21	20.1	1.67	6	97	0.137	S
CR2	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:17	11.43	8.69	30.87	20.2	2.06	6	97	0.213	SE
S1	20190610	Cloudy	Moderate	Mid-Ebb	B	3.9	10:32	12.29	8.97	29.84	20.2	1.82	5	97	0.147	E
S1	20190610	Cloudy	Moderate	Mid-Ebb	B	3.9	10:32	11.51	8.87	28.05	20.1	1.82	5	97	0.087	S
S1	20190610	Cloudy	Moderate	Mid-Ebb	S	1	10:33	13.12	8.63	32.17	20.1	2.03	7	97	0.142	E
S1	20190610	Cloudy	Moderate	Mid-Ebb	S	1	10:33	12.83	8.89	29.72	20.2	1.98	6	97	0.086	S
S2A	20190610	Cloudy	Moderate	Mid-Ebb	B	8.1	11:00	13.11	8.77	30.32	20.1	1.49	8	97	0.21	SE
S2A	20190610	Cloudy	Moderate	Mid-Ebb	B	8.1	11:00	13.11	8.63	33.21	20.2	1.96	8	97	0.229	S
S2A	20190610	Cloudy	Moderate	Mid-Ebb	M	4.6	11:01	11.05	8.47	31.64	20.2	1.88	6	97	0.131	SE
S2A	20190610	Cloudy	Moderate	Mid-Ebb	M	4.6	11:01	12.06	8.79	30.78	20.2	1.56	5	97	0.168	SE
S2A	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:02	11.51	8.78	29.43	20.2	2.05	6	97	0.158	S
S2A	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:02	11.29	8.92	32.78	20.1	1.95	6	97	0.169	S
S3	20190610	Cloudy	Moderate	Mid-Ebb	B	9	11:24	12.55	8.98	28.82	20.2	2	7	97	0.127	SE
S3	20190610	Cloudy	Moderate	Mid-Ebb	B	9	11:24	11.42	8.81	29.42	20.2	1.79	7	98	0.223	SE
S3	20190610	Cloudy	Moderate	Mid-Ebb	M	5	11:25	13.55	8.9	30.94	20.2	2.09	6	97	0.099	SE
S3	20190610	Cloudy	Moderate	Mid-Ebb	M	5	11:25	13.72	8.63	29.97	20.1	1.96	7	97	0.218	E
S3	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:26	11.44	8.59	32.01	20.1	1.79	6	97	0.248	S
S3	20190610	Cloudy	Moderate	Mid-Ebb	S	1	11:26	13.89	8.52	28.41	20.1	1.76	6	98	0.245	S
B1	20190610	Cloudy	Moderate	Mid-Flood	B	4.2	15:22	13.64	8.37	27.56	20.2	1.42	7	97	0.22	W
B1	20190610	Cloudy	Moderate	Mid-Flood	B	4.2	15:22	11.64	9.04	28.82	20.2	1.48	7	96	0.185	SW
B1	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:23	12.92	8.97	28.63	20.1	2.17	7	96	0.174	NW
B1	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:23	11.07	8.66	32.36	20.1	2.11	7	96	0.218	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	Direction in NESW
B2	20190610	Cloudy	Moderate	Mid-Flood	B	4.8	15:43	11.73	9.02	30.27	20.2	1.53	5	97	0.219	W
B2	20190610	Cloudy	Moderate	Mid-Flood	B	4.8	15:43	11.63	8.64	30.84	20.2	1.64	5	98	0.278	W
B2	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:44	11.82	8.84	29.57	20.1	1.74	6	97	0.166	SW
B2	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:44	13.58	8.68	28.92	20.1	1.84	7	98	0.22	SW
B3	20190610	Cloudy	Moderate	Mid-Flood	B	4.6	15:31	13.78	8.34	32.41	20.2	1.75	5	97	0.233	W
B3	20190610	Cloudy	Moderate	Mid-Flood	B	4.6	15:31	11.98	8.95	30.33	20.1	1.4	5	96	0.15	NW
B3	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:32	11.43	8.7	31.83	20.2	1.72	6	96	0.188	W
B3	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:32	12.94	8.56	30.64	20.1	2.17	6	97	0.243	NW
B4	20190610	Cloudy	Moderate	Mid-Flood	B	4.3	15:45	13.5	8.77	27.81	20.2	1.41	6	97	0.281	W
B4	20190610	Cloudy	Moderate	Mid-Flood	B	4.3	15:45	13.25	8.48	27.55	20.2	1.87	5	97	0.279	SW
B4	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:46	12.33	8.76	32.38	20.2	1.99	5	96	0.225	NW
B4	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:46	13.01	8.63	33.08	20.1	2.07	6	97	0.269	SW
C1A	20190610	Cloudy	Moderate	Mid-Flood	B	8.9	14:58	13.87	8.64	29.41	20.1	1.56	7	96	0.208	NW
C1A	20190610	Cloudy	Moderate	Mid-Flood	B	8.9	14:58	13.02	8.79	31.61	20.1	1.79	7	97	0.13	W
C1A	20190610	Cloudy	Moderate	Mid-Flood	M	5	14:59	12.23	8.95	31.22	20.2	1.56	6	97	0.25	W
C1A	20190610	Cloudy	Moderate	Mid-Flood	M	5	14:59	11.14	8.52	29.37	20.2	2.07	7	96	0.273	W
C1A	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:00	13.81	8.55	30.18	20.1	2.21	6	97	0.133	NW
C1A	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:00	11.73	8.65	33.29	20.2	1.93	7	97	0.291	SW
C2A	20190610	Cloudy	Moderate	Mid-Flood	B	10.7	14:58	12.57	8.72	28.37	20.2	1.56	9	97	0.284	W
C2A	20190610	Cloudy	Moderate	Mid-Flood	B	10.7	14:58	12.05	8.71	32.81	20.2	1.44	8	97	0.133	SW
C2A	20190610	Cloudy	Moderate	Mid-Flood	M	5.9	14:59	11.66	8.67	33.23	20.1	1.87	8	96	0.278	W
C2A	20190610	Cloudy	Moderate	Mid-Flood	M	5.9	14:59	13.77	8.86	30.23	20.1	1.63	7	97	0.253	W
C2A	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:00	11.36	8.81	32.06	20.1	2.19	7	96	0.157	W
C2A	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:00	12.74	8.84	31.42	20.2	2	7	98	0.156	W
F1A	20190610	Cloudy	Moderate	Mid-Flood	B	7.3	16:10	11.95	8.69	28.73	20.2	1.49	7	97	0.232	NW
F1A	20190610	Cloudy	Moderate	Mid-Flood	B	7.3	16:10	12.68	8.94	31.58	20.1	1.65	7	97	0.208	W
F1A	20190610	Cloudy	Moderate	Mid-Flood	M	4.2	16:11	13.03	8.68	30.83	20.2	1.6	7	97	0.266	W
F1A	20190610	Cloudy	Moderate	Mid-Flood	M	4.2	16:11	13.62	8.46	31.11	20.1	1.75	6	96	0.251	W
F1A	20190610	Cloudy	Moderate	Mid-Flood	S	1	16:12	11	8.44	28.24	20.2	2.23	6	97	0.178	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	Direction in NESW
F1A	20190610	Cloudy	Moderate	Mid-Flood	S	1	16:12	13.88	8.51	27.43	20.2	1.94	6	96	0.257	W
H1	20190610	Cloudy	Moderate	Mid-Flood	B	7.1	15:15	11.81	9.03	28.93	20.2	1.89	8	96	0.175	W
H1	20190610	Cloudy	Moderate	Mid-Flood	B	7.1	15:15	12.37	8.94	32.59	20.2	1.8	8	96	0.211	W
H1	20190610	Cloudy	Moderate	Mid-Flood	M	4.1	15:16	11.3	9.01	31.24	20.2	1.8	6	96	0.223	NW
H1	20190610	Cloudy	Moderate	Mid-Flood	M	4.1	15:16	12.37	8.3	31.64	20.2	2.05	6	96	0.268	W
H1	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:17	12.93	8.33	28.84	20.1	2.05	5	97	0.172	W
H1	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:17	11.7	8.75	29.22	20.1	1.72	5	97	0.202	W
M1	20190610	Cloudy	Moderate	Mid-Flood	B	6.8	16:44	11.65	8.35	30.41	20.1	1.35	7	96	0.167	NW
M1	20190610	Cloudy	Moderate	Mid-Flood	B	6.8	16:44	13.56	8.85	31.19	20.2	1.35	6	97	0.224	NW
M1	20190610	Cloudy	Moderate	Mid-Flood	M	3.9	16:45	11.39	8.89	32.48	20.2	1.64	8	96	0.183	W
M1	20190610	Cloudy	Moderate	Mid-Flood	M	3.9	16:45	13.84	8.54	29.45	20.2	2.09	8	96	0.288	SW
M1	20190610	Cloudy	Moderate	Mid-Flood	S	1	16:46	11.84	8.76	29.68	20.1	1.95	9	97	0.236	W
M1	20190610	Cloudy	Moderate	Mid-Flood	S	1	16:46	11.44	8.87	31.08	20.2	2.31	9	97	0.201	W
CR1	20190610	Cloudy	Moderate	Mid-Flood	B	11.8	16:40	13.22	8.34	28.46	20.2	1.59	7	96	0.179	SW
CR1	20190610	Cloudy	Moderate	Mid-Flood	B	11.8	16:40	11.21	8.54	32.45	20.1	1.63	7	97	0.237	W
CR1	20190610	Cloudy	Moderate	Mid-Flood	M	6.4	16:41	13.72	9.01	28.2	20.2	2.08	4	96	0.168	SW
CR1	20190610	Cloudy	Moderate	Mid-Flood	M	6.4	16:41	12.44	8.97	28.85	20.2	1.89	4	97	0.196	SW
CR1	20190610	Cloudy	Moderate	Mid-Flood	S	1	16:42	11.62	8.57	29.44	20.1	1.92	4	97	0.217	NW
CR1	20190610	Cloudy	Moderate	Mid-Flood	S	1	16:42	12.92	8.69	32.03	20.2	1.76	4	98	0.258	SW
CR2	20190610	Cloudy	Moderate	Mid-Flood	B	9.7	16:16	11.36	8.78	28.22	20.2	1.7	10	98	0.123	W
CR2	20190610	Cloudy	Moderate	Mid-Flood	B	9.7	16:16	13.67	8.94	32.75	20.1	1.62	10	97	0.145	SW
CR2	20190610	Cloudy	Moderate	Mid-Flood	M	5.4	16:17	11.92	8.8	33.45	20.1	1.55	11	97	0.256	SW
CR2	20190610	Cloudy	Moderate	Mid-Flood	M	5.4	16:17	13.19	8.65	29.51	20.2	1.55	10	96	0.22	W
CR2	20190610	Cloudy	Moderate	Mid-Flood	S	1	16:18	11.15	8.64	32.42	20.2	2.23	10	98	0.185	W
CR2	20190610	Cloudy	Moderate	Mid-Flood	S	1	16:18	11.67	8.85	28.24	20.1	2.02	10	97	0.149	W
S1	20190610	Cloudy	Moderate	Mid-Flood	B	4.5	15:33	12.46	8.69	33.03	20.2	1.68	7	97	0.191	W
S1	20190610	Cloudy	Moderate	Mid-Flood	B	4.5	15:33	10.95	9.01	28.8	20.2	1.59	7	97	0.13	SW
S1	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:34	11.48	8.71	31.87	20.1	2.08	8	97	0.236	SW
S1	20190610	Cloudy	Moderate	Mid-Flood	S	1	15:34	11.67	8.43	33.2	20.2	2.16	8	98	0.216	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	Direction in NESW
S2A	20190610	Cloudy	Moderate	Mid-Flood	B	8.5	16:01	12.85	8.83	32.31	20.2	1.48	8	96	0.219	SW
S2A	20190610	Cloudy	Moderate	Mid-Flood	B	8.5	16:01	11.37	8.39	31.74	20.2	1.83	8	96	0.151	W
S2A	20190610	Cloudy	Moderate	Mid-Flood	M	4.8	16:02	12.57	8.7	30.81	20.1	1.84	7	97	0.184	W
S2A	20190610	Cloudy	Moderate	Mid-Flood	M	4.8	16:02	12.89	8.44	30.44	20.2	1.69	7	97	0.275	NW
S2A	20190610	Cloudy	Moderate	Mid-Flood	S	1	16:03	12.37	8.69	27.34	20.1	1.75	6	98	0.259	NW
S2A	20190610	Cloudy	Moderate	Mid-Flood	S	1	16:03	12.24	8.88	28.32	20.1	1.79	7	97	0.225	W
S3	20190610	Cloudy	Moderate	Mid-Flood	B	8.7	16:25	13.31	8.36	32.44	20.2	1.68	8	97	0.284	SW
S3	20190610	Cloudy	Moderate	Mid-Flood	B	8.7	16:25	12.89	8.73	32.14	20.2	1.88	8	97	0.184	SW
S3	20190610	Cloudy	Moderate	Mid-Flood	M	4.9	16:26	12.16	8.81	29.18	20.1	1.88	6	97	0.156	W
S3	20190610	Cloudy	Moderate	Mid-Flood	M	4.9	16:26	11.61	8.86	30.74	20.2	1.68	6	97	0.196	W
S3	20190610	Cloudy	Moderate	Mid-Flood	S	1	16:27	11.6	8.39	28.72	20.2	1.85	7	97	0.136	W
S3	20190610	Cloudy	Moderate	Mid-Flood	S	1	16:27	11.48	8.46	27.58	20.1	2.08	8	98	0.201	W
B1	20190612	Cloudy	Moderate	Mid-Ebb	B	4.5	8:25	12.71	8.89	32.52	25.2	3.03	15	95	0.185	S
B1	20190612	Cloudy	Moderate	Mid-Ebb	B	4.5	8:25	11.32	8.32	28.13	25.2	3.17	14	94	0.086	SE
B1	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:26	13.56	8.33	30.73	25.3	3.47	12	95	0.134	S
B1	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:26	12.07	8.8	29.27	25.3	3.54	12	95	0.148	SE
B2	20190612	Cloudy	Moderate	Mid-Ebb	B	4.2	8:44	13.92	8.36	30.87	25.3	3.33	10	93	0.196	S
B2	20190612	Cloudy	Moderate	Mid-Ebb	B	4.2	8:44	11.83	8.62	33.45	25.2	3.33	9	94	0.173	E
B2	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:45	13.2	8.41	30.48	25.3	3.09	6	95	0.177	S
B2	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:45	12.71	8.49	30.64	25.2	3.07	8	95	0.131	S
B3	20190612	Cloudy	Moderate	Mid-Ebb	B	4.6	8:50	13.85	8.47	29.4	25.1	3.42	3	98	0.086	S
B3	20190612	Cloudy	Moderate	Mid-Ebb	B	4.6	8:50	11.1	8.32	28.31	25.3	3.57	4	98	0.244	SE
B3	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:51	11.08	8.77	32.12	25.2	3.31	4	94	0.101	SE
B3	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:51	11.37	8.95	30.27	25.1	3.36	3	94	0.093	SE
B4	20190612	Cloudy	Moderate	Mid-Ebb	B	4.9	9:01	11.72	8.76	31.36	25.1	1.54	3	94	0.197	S
B4	20190612	Cloudy	Moderate	Mid-Ebb	B	4.9	9:01	12.5	8.56	31.02	25.2	1.58	3	95	0.161	SE
B4	20190612	Cloudy	Moderate	Mid-Ebb	S	1	9:02	11.83	8.42	27.93	25.1	1.59	3	96	0.108	SE
B4	20190612	Cloudy	Moderate	Mid-Ebb	S	1	9:02	13.09	8.32	33.42	25.2	1.75	3	94	0.213	S
C1A	20190612	Cloudy	Moderate	Mid-Ebb	B	9.6	8:01	11.98	9	29.79	25.2	1.57	6	95	0.142	SE

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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	Direction in NESW
C1A	20190612	Cloudy	Moderate	Mid-Ebb	B	9.6	8:01	12.64	8.91	27.7	25.3	1.61	7	95	0.159	SE
C1A	20190612	Cloudy	Moderate	Mid-Ebb	M	5.3	8:02	11.97	8.4	30.89	25.3	2.54	4	96	0.135	E
C1A	20190612	Cloudy	Moderate	Mid-Ebb	M	5.3	8:02	11.33	8.65	30.51	25.2	2.41	5	84	0.121	S
C1A	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:03	13.26	8.74	30.8	25.3	2.5	2	94	0.144	SE
C1A	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:03	11.26	8.77	32.14	25.1	2.47	4	93	0.245	SE
C2A	20190612	Cloudy	Moderate	Mid-Ebb	B	11.4	8:14	11.83	8.34	30.27	25.2	2.03	3	97	0.137	S
C2A	20190612	Cloudy	Moderate	Mid-Ebb	B	11.4	8:14	11.73	8.69	30.74	25.2	2.02	2	94	0.138	SE
C2A	20190612	Cloudy	Moderate	Mid-Ebb	M	6.2	8:15	11.49	8.68	32.37	25.2	2.89	3	95	0.121	S
C2A	20190612	Cloudy	Moderate	Mid-Ebb	M	6.2	8:15	11.82	8.96	28.23	25.2	2.82	2	95	0.191	E
C2A	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:16	13.34	8.35	29.14	25.1	2.44	3	92	0.152	S
C2A	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:16	13.91	8.56	27.89	25.2	2.24	2	94	0.106	S
F1A	20190612	Cloudy	Moderate	Mid-Ebb	B	8.1	9:28	11.65	8.61	32.7	25.2	1.9	5	95	0.211	SE
F1A	20190612	Cloudy	Moderate	Mid-Ebb	B	8.1	9:28	12.3	8.95	29.74	25.2	2.09	4	96	0.153	SE
F1A	20190612	Cloudy	Moderate	Mid-Ebb	M	4.6	9:29	11.54	8.34	31.15	25.1	2.83	4	95	0.118	SE
F1A	20190612	Cloudy	Moderate	Mid-Ebb	M	4.6	9:29	11.47	8.51	31.76	25.2	2.65	4	95	0.077	SE
F1A	20190612	Cloudy	Moderate	Mid-Ebb	S	1	9:30	11.92	8.81	29.79	25.3	2.12	4	95	0.157	E
F1A	20190612	Cloudy	Moderate	Mid-Ebb	S	1	9:30	12.83	8.85	31.79	25.3	2.22	3	95	0.103	SE
H1	20190612	Cloudy	Moderate	Mid-Ebb	B	7.4	8:33	13.63	8.7	31.57	25.2	1.94	4	93	0.077	SE
H1	20190612	Cloudy	Moderate	Mid-Ebb	B	7.4	8:33	13.07	8.55	31.46	25.3	2.1	4	93	0.152	SE
H1	20190612	Cloudy	Moderate	Mid-Ebb	M	4.2	8:34	11	8.48	31.25	25.1	2.91	3	95	0.215	E
H1	20190612	Cloudy	Moderate	Mid-Ebb	M	4.2	8:34	11.61	8.58	30.46	25.2	2.85	4	93	0.109	S
H1	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:35	12.95	8.74	30.22	25.2	2.97	4	95	0.251	SE
H1	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:35	12.07	8.89	29.61	25.3	3.09	3	95	0.084	SE
M1	20190612	Cloudy	Moderate	Mid-Ebb	B	8.8	10:04	13.26	8.96	30.75	25.1	2.89	7	94	0.089	E
M1	20190612	Cloudy	Moderate	Mid-Ebb	B	8.8	10:04	12.9	8.33	27.6	25.3	2.72	6	94	0.157	SE
M1	20190612	Cloudy	Moderate	Mid-Ebb	M	4.9	10:05	11.26	8.94	29.74	25.2	2.97	6	95	0.199	SE
M1	20190612	Cloudy	Moderate	Mid-Ebb	M	4.9	10:05	11.74	8.43	33.22	25.3	2.86	6	95	0.215	SE
M1	20190612	Cloudy	Moderate	Mid-Ebb	S	1	10:06	11.33	8.34	29.77	25.2	3.25	4	95	0.189	SE
M1	20190612	Cloudy	Moderate	Mid-Ebb	S	1	10:06	11.66	8.49	30.98	25.2	3.11	5	95	0.244	SE

Contract No. EP/SP/66/12
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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	Direction in NESW
CR1	20190612	Cloudy	Moderate	Mid-Ebb	B	12.6	9:35	12.99	8.88	32.95	25.1	3.15	8	94	0.14	E
CR1	20190612	Cloudy	Moderate	Mid-Ebb	B	12.6	9:35	13.42	8.66	31.75	25.2	2.96	8	96	0.236	S
CR1	20190612	Cloudy	Moderate	Mid-Ebb	M	6.8	9:36	11.24	8.56	28.38	25.3	2.03	7	95	0.099	E
CR1	20190612	Cloudy	Moderate	Mid-Ebb	M	6.8	9:36	12.56	9.03	27.66	25.2	2.02	7	94	0.236	E
CR1	20190612	Cloudy	Moderate	Mid-Ebb	S	1	9:37	13.22	8.7	31.72	25.2	2.46	6	96	0.165	SE
CR1	20190612	Cloudy	Moderate	Mid-Ebb	S	1	9:37	13.19	8.99	30.84	25.2	2.36	7	94	0.146	SE
CR2	20190612	Cloudy	Moderate	Mid-Ebb	B	10.9	9:12	11.38	9.01	33.3	25.2	2.59	6	96	0.2	SE
CR2	20190612	Cloudy	Moderate	Mid-Ebb	B	10.9	9:12	12.54	8.63	32.09	25.2	2.76	7	96	0.159	E
CR2	20190612	Cloudy	Moderate	Mid-Ebb	M	6	9:13	13.26	8.76	29.2	25.3	2.78	6	95	0.23	SE
CR2	20190612	Cloudy	Moderate	Mid-Ebb	M	6	9:13	11.97	8.89	30.7	25.1	2.94	5	95	0.24	SE
CR2	20190612	Cloudy	Moderate	Mid-Ebb	S	1	9:14	12.51	8.71	30.34	25.3	2.48	5	95	0.157	SE
CR2	20190612	Cloudy	Moderate	Mid-Ebb	S	1	9:14	11.31	8.66	32.54	25.2	2.52	5	96	0.168	S
S1	20190612	Cloudy	Moderate	Mid-Ebb	B	4.4	8:34	13.59	8.43	28.72	25.2	2.87	4	92	0.165	SE
S1	20190612	Cloudy	Moderate	Mid-Ebb	B	4.4	8:34	11.81	8.99	32.37	25.1	2.73	4	95	0.246	E
S1	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:35	13.77	8.64	29.09	25.1	1.52	4	95	0.198	SE
S1	20190612	Cloudy	Moderate	Mid-Ebb	S	1	8:35	10.95	8.72	28.7	25.2	1.58	4	95	0.161	SE
S2A	20190612	Cloudy	Moderate	Mid-Ebb	B	8	8:58	11.23	8.6	28.95	25.1	2.87	3	96	0.21	SE
S2A	20190612	Cloudy	Moderate	Mid-Ebb	B	8	8:58	12.9	8.32	27.5	25.2	2.97	3	95	0.118	E
S2A	20190612	Cloudy	Moderate	Mid-Ebb	M	4.5	8:59	13.18	8.33	31.43	25.1	3.23	3	94	0.191	SE
S2A	20190612	Cloudy	Moderate	Mid-Ebb	M	4.5	8:59	11.83	8.47	27.58	25.1	3.09	4	96	0.077	E
S2A	20190612	Cloudy	Moderate	Mid-Ebb	S	1	9:00	11.88	8.89	31.14	25.2	3.35	3	94	0.163	SE
S2A	20190612	Cloudy	Moderate	Mid-Ebb	S	1	9:00	11.16	8.6	29.28	25.2	3.2	4	93	0.122	S
S3	20190612	Cloudy	Moderate	Mid-Ebb	B	9	9:21	12.91	8.45	31.36	25.3	1.57	6	95	0.152	S
S3	20190612	Cloudy	Moderate	Mid-Ebb	B	9	9:21	11.55	8.76	30.65	25.2	1.6	6	94	0.212	SE
S3	20190612	Cloudy	Moderate	Mid-Ebb	M	5	9:22	11.4	8.45	29.83	25.1	3.39	4	94	0.194	S
S3	20190612	Cloudy	Moderate	Mid-Ebb	M	5	9:22	12.62	8.85	30.56	25.3	3.34	3	96	0.194	S
S3	20190612	Cloudy	Moderate	Mid-Ebb	S	1	9:23	12.42	8.38	29.63	25.3	2.63	4	96	0.214	E
S3	20190612	Cloudy	Moderate	Mid-Ebb	S	1	9:23	12.07	8.64	32.47	25.2	2.48	3	95	0.111	SE
B1	20190612	Cloudy	Moderate	Mid-Flood	B	4.2	13:25	11.64	8.46	30.62	25.4	1.53	2	94	0.251	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	Direction in NESW
B1	20190612	Cloudy	Moderate	Mid-Flood	B	4.2	13:25	12.23	8.91	29.72	25.4	1.58	3	95	0.187	W
B1	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:26	13.03	8.39	27.62	25.2	2.26	2	94	0.288	W
B1	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:26	13.12	8.72	27.41	25.3	2.4	2	95	0.181	SW
B2	20190612	Cloudy	Moderate	Mid-Flood	B	4.1	13:44	12.13	8.64	32.07	25.3	2.28	4	98	0.151	W
B2	20190612	Cloudy	Moderate	Mid-Flood	B	4.1	13:44	12.09	9.04	28.59	25.3	2.35	3	96	0.123	W
B2	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:45	12.71	8.37	32.42	25.2	1.94	3	95	0.184	NW
B2	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:45	13.76	8.8	30.94	25.3	1.85	4	94	0.181	NW
B3	20190612	Cloudy	Moderate	Mid-Flood	B	4.8	13:18	13.25	8.58	30.28	25.4	3.01	6	96	0.25	NW
B3	20190612	Cloudy	Moderate	Mid-Flood	B	4.8	13:18	10.94	8.99	28.49	25.3	3.02	4	94	0.262	W
B3	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:19	11.28	8.92	31.56	25.4	1.52	5	94	0.273	NW
B3	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:19	11.75	8.96	28.89	25.2	1.33	6	94	0.16	NW
B4	20190612	Cloudy	Moderate	Mid-Flood	B	4.3	13:30	11.12	8.73	29.18	25.2	3.16	4	96	0.173	W
B4	20190612	Cloudy	Moderate	Mid-Flood	B	4.3	13:30	11.11	8.75	29.37	25.4	2.97	3	95	0.286	NW
B4	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:31	12.39	8.41	31.29	25.2	3.35	4	95	0.123	W
B4	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:31	13.12	8.94	31.11	25.3	3.44	3	96	0.283	W
C1A	20190612	Cloudy	Moderate	Mid-Flood	B	9.5	13:02	11.83	8.32	29.09	25.3	2.09	4	93	0.29	SW
C1A	20190612	Cloudy	Moderate	Mid-Flood	B	9.5	13:02	11.15	9.03	30.08	25.4	2.29	4	93	0.185	W
C1A	20190612	Cloudy	Moderate	Mid-Flood	M	5.3	13:03	12.22	8.39	32.09	25.4	2.23	3	96	0.231	W
C1A	20190612	Cloudy	Moderate	Mid-Flood	M	5.3	13:03	12.28	8.81	32.43	25.3	2.24	4	94	0.149	NW
C1A	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:04	12.06	8.9	27.5	25.4	3.25	4	94	0.266	W
C1A	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:04	12.47	8.99	31.64	25.3	3.31	4	95	0.151	SW
C2A	20190612	Cloudy	Moderate	Mid-Flood	B	10.6	12:45	13.79	9.01	30.58	25.2	1.73	4	95	0.258	W
C2A	20190612	Cloudy	Moderate	Mid-Flood	B	10.6	12:45	11.39	8.97	33.41	25.3	1.64	5	95	0.27	NW
C2A	20190612	Cloudy	Moderate	Mid-Flood	M	5.8	12:46	13.06	8.66	29.81	25.4	1.96	4	95	0.15	NW
C2A	20190612	Cloudy	Moderate	Mid-Flood	M	5.8	12:46	11.35	9	27.7	25.4	2.07	4	94	0.272	SW
C2A	20190612	Cloudy	Moderate	Mid-Flood	S	1	12:47	12.34	8.92	32.53	25.3	2.74	5	95	0.215	W
C2A	20190612	Cloudy	Moderate	Mid-Flood	S	1	12:47	13.15	8.49	32.74	25.2	2.68	5	90	0.249	W
F1A	20190612	Cloudy	Moderate	Mid-Flood	B	7.1	13:59	11.35	9	29.04	25.3	2.2	4	96	0.288	W
F1A	20190612	Cloudy	Moderate	Mid-Flood	B	7.1	13:59	12.47	8.99	29.89	25.4	2.36	5	96	0.191	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	Direction in NESW
F1A	20190612	Cloudy	Moderate	Mid-Flood	M	4.1	14:00	12.86	8.84	31.15	25.4	1.71	5	92	0.159	SW
F1A	20190612	Cloudy	Moderate	Mid-Flood	M	4.1	14:00	11.65	8.45	30.55	25.3	1.51	5	94	0.171	NW
F1A	20190612	Cloudy	Moderate	Mid-Flood	S	1	14:01	13.39	8.72	27.53	25.3	2.52	4	94	0.188	SW
F1A	20190612	Cloudy	Moderate	Mid-Flood	S	1	14:01	11.66	8.78	30.71	25.4	2.65	4	94	0.291	SW
H1	20190612	Cloudy	Moderate	Mid-Flood	B	7.5	13:04	12.37	8.38	28.61	25.2	2.81	4	95	0.208	W
H1	20190612	Cloudy	Moderate	Mid-Flood	B	7.5	13:04	12.1	8.79	28.84	25.3	2.94	4	93	0.172	NW
H1	20190612	Cloudy	Moderate	Mid-Flood	M	4.3	13:05	13.33	8.82	28.97	25.4	2.66	3	95	0.273	W
H1	20190612	Cloudy	Moderate	Mid-Flood	M	4.3	13:05	12.61	8.71	29.11	25.4	2.84	3	94	0.126	W
H1	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:06	13.36	8.31	29.26	25.3	3.22	3	96	0.207	W
H1	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:06	11.32	8.54	28.66	25.3	3.28	3	95	0.17	W
M1	20190612	Cloudy	Moderate	Mid-Flood	B	6.7	14:30	11.69	8.87	29.85	25.4	2.5	14	94	0.192	W
M1	20190612	Cloudy	Moderate	Mid-Flood	B	6.7	14:30	12.59	8.62	32.05	25.2	2.33	13	94	0.243	W
M1	20190612	Cloudy	Moderate	Mid-Flood	M	3.9	14:31	12.47	8.6	28.49	25.4	2.75	13	95	0.135	W
M1	20190612	Cloudy	Moderate	Mid-Flood	M	3.9	14:31	13.73	8.95	28.39	25.3	2.84	12	94	0.186	NW
M1	20190612	Cloudy	Moderate	Mid-Flood	S	1	14:32	13.69	8.59	27.95	25.3	3.22	9	95	0.223	W
M1	20190612	Cloudy	Moderate	Mid-Flood	S	1	14:32	11.97	8.42	30.4	25.2	3.27	10	95	0.182	NW
CR1	20190612	Cloudy	Moderate	Mid-Flood	B	11.6	14:36	11.15	8.38	30.28	25.2	2.91	6	94	0.127	W
CR1	20190612	Cloudy	Moderate	Mid-Flood	B	11.6	14:36	12.01	8.58	28.91	25.2	2.77	6	94	0.127	W
CR1	20190612	Cloudy	Moderate	Mid-Flood	M	6.3	14:37	13.65	8.42	29.94	25.4	1.56	4	94	0.126	SW
CR1	20190612	Cloudy	Moderate	Mid-Flood	M	6.3	14:37	13.28	8.3	29.75	25.3	1.73	5	95	0.131	W
CR1	20190612	Cloudy	Moderate	Mid-Flood	S	1	14:38	12.04	8.77	31.66	25.2	3.47	4	95	0.201	W
CR1	20190612	Cloudy	Moderate	Mid-Flood	S	1	14:38	13.47	8.42	31.29	25.3	3.54	3	95	0.17	W
CR2	20190612	Cloudy	Moderate	Mid-Flood	B	9.9	14:13	11.73	8.44	29.07	25.4	1.61	6	95	0.206	W
CR2	20190612	Cloudy	Moderate	Mid-Flood	B	9.9	14:13	13.46	8.67	28.36	25.3	1.47	6	94	0.137	NW
CR2	20190612	Cloudy	Moderate	Mid-Flood	M	5.5	14:14	11.49	8.97	30.02	25.3	2.9	6	95	0.183	SW
CR2	20190612	Cloudy	Moderate	Mid-Flood	M	5.5	14:14	13.23	8.47	31.29	25.3	3.03	5	95	0.216	W
CR2	20190612	Cloudy	Moderate	Mid-Flood	S	1	14:15	13.57	8.47	31.35	25.2	2.51	6	94	0.283	W
CR2	20190612	Cloudy	Moderate	Mid-Flood	S	1	14:15	13.54	8.85	28.26	25.4	2.62	4	95	0.267	W
S1	20190612	Cloudy	Moderate	Mid-Flood	B	4.2	13:35	11.77	8.38	30.18	25.2	2.04	5	81	0.186	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	Direction in NESW
S1	20190612	Cloudy	Moderate	Mid-Flood	B	4.2	13:35	12.63	8.64	33.29	25.4	2.24	4	94	0.264	W
S1	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:36	11.85	8.52	33.43	25.4	2.86	4	95	0.208	SW
S1	20190612	Cloudy	Moderate	Mid-Flood	S	1	13:36	11.41	8.78	32.43	25.3	2.99	3	94	0.222	NW
S2A	20190612	Cloudy	Moderate	Mid-Flood	B	8.9	13:59	11.89	8.46	32.43	25.3	2.96	6	96	0.258	W
S2A	20190612	Cloudy	Moderate	Mid-Flood	B	8.9	13:59	13.21	8.81	28.71	25.4	3.11	5	94	0.206	W
S2A	20190612	Cloudy	Moderate	Mid-Flood	M	5	14:00	11.44	9.03	28.26	25.3	3.33	4	95	0.196	W
S2A	20190612	Cloudy	Moderate	Mid-Flood	M	5	14:00	11.1	8.83	32.97	25.4	3.45	2	95	0.151	NW
S2A	20190612	Cloudy	Moderate	Mid-Flood	S	1	14:01	13.39	9.03	31.05	25.3	1.64	4	94	0.183	NW
S2A	20190612	Cloudy	Moderate	Mid-Flood	S	1	14:01	11.39	8.62	32.28	25.2	1.62	2	93	0.153	W
S3	20190612	Cloudy	Moderate	Mid-Flood	B	8.9	14:23	13.81	8.5	29.24	25.2	2.52	5	95	0.23	NW
S3	20190612	Cloudy	Moderate	Mid-Flood	B	8.9	14:23	12.35	8.77	33.29	25.3	2.72	6	93	0.271	NW
S3	20190612	Cloudy	Moderate	Mid-Flood	M	5	14:24	12.96	8.81	27.51	25.3	1.79	4	95	0.223	W
S3	20190612	Cloudy	Moderate	Mid-Flood	M	5	14:24	11.45	8.53	28.26	25.4	1.68	5	95	0.16	W
S3	20190612	Cloudy	Moderate	Mid-Flood	S	1	14:25	12.73	8.81	27.69	25.3	3.15	4	96	0.221	W
S3	20190612	Cloudy	Moderate	Mid-Flood	S	1	14:25	13.31	8.51	28.41	25.3	3.04	5	92	0.26	SW
B1	20190614	Sunny	Moderate	Mid-Ebb	B	4.6	9:23	11.63	8.59	28.31	25.5	3.16	7	97	0.2	SE
B1	20190614	Sunny	Moderate	Mid-Ebb	B	4.6	9:23	12.5	8.89	31.39	25.4	3.13	6	97	0.139	S
B1	20190614	Sunny	Moderate	Mid-Ebb	S	1	9:24	13.3	8.96	29.01	25.4	3.26	5	95	0.168	E
B1	20190614	Sunny	Moderate	Mid-Ebb	S	1	9:24	11.62	8.88	32.07	25.5	3.18	5	97	0.191	SE
B2	20190614	Sunny	Moderate	Mid-Ebb	B	4.4	9:44	13.91	8.54	32.84	25.5	2.8	8	99	0.242	SE
B2	20190614	Sunny	Moderate	Mid-Ebb	B	4.4	9:44	12.38	8.39	32.95	25.4	2.91	7	97	0.103	S
B2	20190614	Sunny	Moderate	Mid-Ebb	S	1	9:45	12.75	8.32	31.36	25.5	2.42	7	101	0.133	SE
B2	20190614	Sunny	Moderate	Mid-Ebb	S	1	9:45	12.27	8.37	28.48	25.4	2.34	6	99	0.089	E
B3	20190614	Sunny	Moderate	Mid-Ebb	B	4.9	9:28	11.86	8.66	33.19	25.4	3.29	6	97	0.237	S
B3	20190614	Sunny	Moderate	Mid-Ebb	B	4.9	9:28	13.24	8.95	31.4	25.4	3.24	6	98	0.182	SE
B3	20190614	Sunny	Moderate	Mid-Ebb	S	1	9:29	12.89	8.43	31.14	25.4	2.33	6	99	0.208	E
B3	20190614	Sunny	Moderate	Mid-Ebb	S	1	9:29	11.59	8.69	30.67	25.4	2.38	6	96	0.112	S
B4	20190614	Sunny	Moderate	Mid-Ebb	B	4.6	9:42	10.98	8.45	31.7	25.3	2.25	8	96	0.238	E
B4	20190614	Sunny	Moderate	Mid-Ebb	B	4.6	9:42	13.51	8.7	32.48	25.3	2.17	7	98	0.205	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	Direction in NESW
B4	20190614	Sunny	Moderate	Mid-Ebb	S	1	9:43	13.6	8.54	32.06	25.4	3.07	7	98	0.129	SE
B4	20190614	Sunny	Moderate	Mid-Ebb	S	1	9:43	13.68	8.45	32.99	25.5	2.95	8	98	0.115	S
C1A	20190614	Sunny	Moderate	Mid-Ebb	B	9.5	8:43	11.03	8.65	31.85	25.4	2.36	4	97	0.232	SE
C1A	20190614	Sunny	Moderate	Mid-Ebb	B	9.5	8:43	13.59	8.51	28.45	25.5	2.34	4	98	0.101	S
C1A	20190614	Sunny	Moderate	Mid-Ebb	M	5.3	8:44	13.21	8.94	27.72	25.4	2.62	4	97	0.18	E
C1A	20190614	Sunny	Moderate	Mid-Ebb	M	5.3	8:44	13.58	8.74	27.38	25.4	2.62	4	98	0.083	S
C1A	20190614	Sunny	Moderate	Mid-Ebb	S	1	8:45	12.98	9.04	30.06	25.4	3.36	4	96	0.243	S
C1A	20190614	Sunny	Moderate	Mid-Ebb	S	1	8:45	13.02	8.83	31.85	25.5	3.22	4	96	0.168	E
C2A	20190614	Sunny	Moderate	Mid-Ebb	B	11	8:52	12	8.9	29.4	25.4	3.37	4	98	0.191	SE
C2A	20190614	Sunny	Moderate	Mid-Ebb	B	11	8:52	12.67	8.4	29.4	25.5	3.44	4	98	0.18	E
C2A	20190614	Sunny	Moderate	Mid-Ebb	M	6	8:53	12.68	8.74	30.2	25.5	2.47	4	97	0.127	SE
C2A	20190614	Sunny	Moderate	Mid-Ebb	M	6	8:53	11.01	8.58	29.74	25.4	2.42	3	98	0.231	SE
C2A	20190614	Sunny	Moderate	Mid-Ebb	S	1	8:54	11.66	8.96	27.9	25.4	2.22	3	100	0.193	SE
C2A	20190614	Sunny	Moderate	Mid-Ebb	S	1	8:54	11.14	8.43	32.88	25.4	2.29	2	98	0.112	SE
F1A	20190614	Sunny	Moderate	Mid-Ebb	B	7.8	10:13	13.61	8.48	29.19	25.4	2.73	3	98	0.138	S
F1A	20190614	Sunny	Moderate	Mid-Ebb	B	7.8	10:13	13.63	8.66	31.07	25.4	2.68	3	98	0.244	S
F1A	20190614	Sunny	Moderate	Mid-Ebb	M	4.4	10:14	12.51	9.03	32.24	25.3	3.34	4	99	0.189	E
F1A	20190614	Sunny	Moderate	Mid-Ebb	M	4.4	10:14	11.23	8.91	30.12	25.5	3.37	4	98	0.106	SE
F1A	20190614	Sunny	Moderate	Mid-Ebb	S	1	10:15	13.73	8.95	29.18	25.4	3.01	3	98	0.191	E
F1A	20190614	Sunny	Moderate	Mid-Ebb	S	1	10:15	13.82	8.4	33.06	25.4	2.83	4	99	0.1	E
H1	20190614	Sunny	Moderate	Mid-Ebb	B	7.2	9:11	13.57	8.34	29.07	25.5	3.35	7	96	0.166	S
H1	20190614	Sunny	Moderate	Mid-Ebb	B	7.2	9:11	12.07	8.96	30.63	25.3	3.26	6	98	0.09	SE
H1	20190614	Sunny	Moderate	Mid-Ebb	M	4.1	9:12	12.33	8.63	27.92	25.5	2.99	5	95	0.181	SE
H1	20190614	Sunny	Moderate	Mid-Ebb	M	4.1	9:12	13.82	8.31	32.21	25.3	3.04	6	96	0.155	SE
H1	20190614	Sunny	Moderate	Mid-Ebb	S	1	9:13	11.53	8.56	28.43	25.4	3.01	6	98	0.244	E
H1	20190614	Sunny	Moderate	Mid-Ebb	S	1	9:13	11.3	8.39	29.37	25.4	2.88	5	97	0.106	SE
M1	20190614	Sunny	Moderate	Mid-Ebb	B	7.7	10:50	11.69	9	28.39	25.5	2.04	4	98	0.104	SE
M1	20190614	Sunny	Moderate	Mid-Ebb	B	7.7	10:50	12.88	8.31	33	25.3	1.9	5	97	0.122	E
M1	20190614	Sunny	Moderate	Mid-Ebb	M	4.4	10:51	11.61	8.35	33.38	25.4	2.08	4	98	0.237	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
M1	20190614	Sunny	Moderate	Mid-Ebb	M	4.4	10:51	12.05	8.68	32.46	25.5	2.1	5	98	0.109	SE
M1	20190614	Sunny	Moderate	Mid-Ebb	S	1	10:52	11.16	8.39	28.36	25.3	2.56	4	98	0.124	S
M1	20190614	Sunny	Moderate	Mid-Ebb	S	1	10:52	11.42	8.77	29.3	25.4	2.44	5	99	0.09	SE
CR1	20190614	Sunny	Moderate	Mid-Ebb	B	12.7	10:36	13.51	8.77	33.45	25.4	2.85	6	97	0.098	S
CR1	20190614	Sunny	Moderate	Mid-Ebb	B	12.7	10:36	12.95	8.84	31.99	25.3	2.82	7	98	0.211	SE
CR1	20190614	Sunny	Moderate	Mid-Ebb	M	6.9	10:37	12.78	8.68	29.18	25.3	2.05	6	100	0.135	S
CR1	20190614	Sunny	Moderate	Mid-Ebb	M	6.9	10:37	12.6	8.54	28.34	25.5	2.13	6	97	0.245	E
CR1	20190614	Sunny	Moderate	Mid-Ebb	S	1	10:38	12.81	8.71	33.34	25.4	2.52	6	97	0.179	SE
CR1	20190614	Sunny	Moderate	Mid-Ebb	S	1	10:38	13.86	8.47	31.3	25.4	2.48	6	98	0.251	S
CR2	20190614	Sunny	Moderate	Mid-Ebb	B	11	10:11	11.29	8.96	32.93	25.3	2.89	9	98	0.146	SE
CR2	20190614	Sunny	Moderate	Mid-Ebb	B	11	10:11	12.07	8.39	27.37	25.4	3.06	8	98	0.144	S
CR2	20190614	Sunny	Moderate	Mid-Ebb	M	6	10:12	13.52	8.59	30.16	25.5	2.73	7	98	0.199	S
CR2	20190614	Sunny	Moderate	Mid-Ebb	M	6	10:12	13.66	8.42	27.95	25.4	2.62	7	99	0.249	SE
CR2	20190614	Sunny	Moderate	Mid-Ebb	S	1	10:13	11.75	8.75	28.83	25.3	2.48	4	98	0.246	SE
CR2	20190614	Sunny	Moderate	Mid-Ebb	S	1	10:13	11.18	8.45	28.04	25.5	2.46	5	98	0.218	SE
S1	20190614	Sunny	Moderate	Mid-Ebb	B	4.2	9:35	12.36	8.96	30.48	25.4	3.17	5	98	0.176	S
S1	20190614	Sunny	Moderate	Mid-Ebb	B	4.2	9:35	11.13	8.84	32.04	25.3	3.04	6	98	0.137	S
S1	20190614	Sunny	Moderate	Mid-Ebb	S	1	9:36	11.41	8.41	31.88	25.5	2.26	6	98	0.156	S
S1	20190614	Sunny	Moderate	Mid-Ebb	S	1	9:36	12.7	8.73	30.22	25.4	2.27	5	100	0.175	S
S2A	20190614	Sunny	Moderate	Mid-Ebb	B	8.1	9:59	13.27	9.01	27.98	25.4	3.33	7	100	0.23	SE
S2A	20190614	Sunny	Moderate	Mid-Ebb	B	8.1	9:59	12.39	8.9	30.15	25.4	3.29	7	98	0.213	S
S2A	20190614	Sunny	Moderate	Mid-Ebb	M	4.6	10:00	10.98	8.41	30.74	25.3	2.32	4	98	0.114	S
S2A	20190614	Sunny	Moderate	Mid-Ebb	M	4.6	10:00	12.69	8.45	28.94	25.4	2.3	4	99	0.124	S
S2A	20190614	Sunny	Moderate	Mid-Ebb	S	1	10:01	11.62	8.76	32.92	25.4	2.48	2	98	0.197	SE
S2A	20190614	Sunny	Moderate	Mid-Ebb	S	1	10:01	12.78	8.42	28.3	25.5	2.64	2	99	0.109	E
S3	20190614	Sunny	Moderate	Mid-Ebb	B	10	10:22	12.13	8.85	32.13	25.5	3.07	5	99	0.228	E
S3	20190614	Sunny	Moderate	Mid-Ebb	B	10	10:22	11.64	8.65	30.29	25.4	3.03	5	98	0.112	S
S3	20190614	Sunny	Moderate	Mid-Ebb	M	5.5	10:23	11.51	8.43	30.48	25.3	2.75	4	98	0.212	SE
S3	20190614	Sunny	Moderate	Mid-Ebb	M	5.5	10:23	11.81	8.32	32.45	25.4	2.92	5	98	0.154	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	Direction in NESW
S3	20190614	Sunny	Moderate	Mid-Ebb	S	1	10:24	12.84	9.01	32.18	25.5	2.26	3	98	0.121	S
S3	20190614	Sunny	Moderate	Mid-Ebb	S	1	10:24	12.76	8.93	31.26	25.4	2.3	4	98	0.081	SE
B1	20190614	Sunny	Moderate	Mid-Flood	B	4.8	15:24	12.59	8.56	28.77	25.1	2.78	4	95	0.244	W
B1	20190614	Sunny	Moderate	Mid-Flood	B	4.8	15:24	11.14	8.93	29.54	25.1	2.72	4	97	0.225	W
B1	20190614	Sunny	Moderate	Mid-Flood	S	1	15:25	11.72	8.68	32.79	25.1	3.18	3	95	0.233	W
B1	20190614	Sunny	Moderate	Mid-Flood	S	1	15:25	11.21	8.67	27.72	25.2	3.14	3	96	0.136	W
B2	20190614	Sunny	Moderate	Mid-Flood	B	4.6	15:45	13.75	8.57	29.26	25.2	2.97	4	96	0.137	NW
B2	20190614	Sunny	Moderate	Mid-Flood	B	4.6	15:45	13.52	8.41	31.35	25.2	2.86	4	97	0.125	NW
B2	20190614	Sunny	Moderate	Mid-Flood	S	1	15:46	13.83	8.54	31.56	25.2	2.38	5	97	0.289	SW
B2	20190614	Sunny	Moderate	Mid-Flood	S	1	15:46	11.35	8.46	27.37	25.1	2.24	4	96	0.218	NW
B3	20190614	Sunny	Moderate	Mid-Flood	B	4.8	15:36	12.64	8.73	31.21	25.1	2.91	4	95	0.135	W
B3	20190614	Sunny	Moderate	Mid-Flood	B	4.8	15:36	12.72	8.32	29.58	25.2	3.03	4	96	0.261	W
B3	20190614	Sunny	Moderate	Mid-Flood	S	1	15:37	12.32	8.64	31.57	25.2	3.22	5	96	0.17	W
B3	20190614	Sunny	Moderate	Mid-Flood	S	1	15:37	11.6	8.92	31.31	25.1	3.11	5	98	0.176	W
B4	20190614	Sunny	Moderate	Mid-Flood	B	4.5	15:48	11.14	8.98	29.1	25.1	3	4	96	0.139	W
B4	20190614	Sunny	Moderate	Mid-Flood	B	4.5	15:48	11.85	8.35	29.83	25.1	2.8	3	95	0.162	W
B4	20190614	Sunny	Moderate	Mid-Flood	S	1	15:49	13.07	8.56	27.92	25.1	3.07	3	96	0.236	SW
B4	20190614	Sunny	Moderate	Mid-Flood	S	1	15:49	12.89	8.35	32.72	25.2	3.14	3	97	0.227	W
C1A	20190614	Sunny	Moderate	Mid-Flood	B	11	15:00	11.98	8.33	33.09	25.2	3.09	3	96	0.212	SW
C1A	20190614	Sunny	Moderate	Mid-Flood	B	11	15:00	12.88	8.49	27.61	25.2	3.24	3	95	0.266	W
C1A	20190614	Sunny	Moderate	Mid-Flood	M	6	15:01	12.37	8.54	27.3	25.2	2.4	3	97	0.283	SW
C1A	20190614	Sunny	Moderate	Mid-Flood	M	6	15:01	13.64	8.94	32.56	25.2	2.59	3	96	0.203	SW
C1A	20190614	Sunny	Moderate	Mid-Flood	S	1	15:02	11.73	8.56	33.25	25.2	2.83	3	94	0.218	NW
C1A	20190614	Sunny	Moderate	Mid-Flood	S	1	15:02	12.21	8.7	30.02	25.1	3.03	3	97	0.156	SW
C2A	20190614	Sunny	Moderate	Mid-Flood	B	10.2	15:00	11.64	8.95	28.78	25.1	2.57	4	94	0.226	W
C2A	20190614	Sunny	Moderate	Mid-Flood	B	10.2	15:00	13.89	8.67	28.63	25.2	2.62	3	96	0.162	W
C2A	20190614	Sunny	Moderate	Mid-Flood	M	5.6	15:01	11.76	8.49	30.87	25.1	2.72	3	95	0.135	NW
C2A	20190614	Sunny	Moderate	Mid-Flood	M	5.6	15:01	13.11	8.89	31.44	25.2	2.77	3	95	0.268	W
C2A	20190614	Sunny	Moderate	Mid-Flood	S	1	15:02	13.11	8.64	30.23	25.1	3.19	2	96	0.23	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	Direction in NESW
C2A	20190614	Sunny	Moderate	Mid-Flood	S	1	15:02	12.78	8.62	32.26	25.1	3.37	3	95	0.278	W
F1A	20190614	Sunny	Moderate	Mid-Flood	B	6.8	16:14	13.49	8.64	32.1	25.2	2.48	3	98	0.195	SW
F1A	20190614	Sunny	Moderate	Mid-Flood	B	6.8	16:14	12.93	8.9	31.33	25.2	2.56	3	98	0.209	NW
F1A	20190614	Sunny	Moderate	Mid-Flood	M	3.9	16:15	13.47	8.95	30.51	25.1	2.38	3	95	0.201	SW
F1A	20190614	Sunny	Moderate	Mid-Flood	M	3.9	16:15	11.85	8.38	30.56	25.2	2.33	3	96	0.154	W
F1A	20190614	Sunny	Moderate	Mid-Flood	S	1	16:16	13.45	8.48	29.56	25.1	3.46	2	98	0.159	NW
F1A	20190614	Sunny	Moderate	Mid-Flood	S	1	16:16	11.54	8.73	33.01	25.1	3.46	3	97	0.256	W
H1	20190614	Sunny	Moderate	Mid-Flood	B	6.9	15:19	11.19	8.58	28.69	25.2	2.74	3	98	0.284	W
H1	20190614	Sunny	Moderate	Mid-Flood	B	6.9	15:19	11.94	9	32.11	25.1	2.89	3	96	0.198	W
H1	20190614	Sunny	Moderate	Mid-Flood	M	4	15:20	11.61	8.76	28.41	25.2	3.35	3	95	0.286	W
H1	20190614	Sunny	Moderate	Mid-Flood	M	4	15:20	13.55	8.98	30.41	25.1	3.52	4	96	0.265	W
H1	20190614	Sunny	Moderate	Mid-Flood	S	1	15:21	12.06	8.86	31.14	25.2	2.7	3	95	0.187	NW
H1	20190614	Sunny	Moderate	Mid-Flood	S	1	15:21	13.79	8.58	29.84	25.2	2.81	4	97	0.148	W
M1	20190614	Sunny	Moderate	Mid-Flood	B	7.4	16:52	13.82	8.66	30.7	25.2	2.66	8	96	0.247	W
M1	20190614	Sunny	Moderate	Mid-Flood	B	7.4	16:52	12.44	8.56	28.17	25.1	2.57	9	94	0.129	W
M1	20190614	Sunny	Moderate	Mid-Flood	M	4.2	16:53	12.62	8.59	27.7	25.2	2.36	7	94	0.251	SW
M1	20190614	Sunny	Moderate	Mid-Flood	M	4.2	16:53	11.04	8.49	29.45	25.2	2.47	8	96	0.171	W
M1	20190614	Sunny	Moderate	Mid-Flood	S	1	16:54	12.07	8.38	32.59	25.2	3.41	4	97	0.223	W
M1	20190614	Sunny	Moderate	Mid-Flood	S	1	16:54	12.7	8.77	30.68	25.1	3.58	6	96	0.208	W
CR1	20190614	Sunny	Moderate	Mid-Flood	B	11.3	16:37	11.59	8.85	31.44	25.1	2.79	4	98	0.228	SW
CR1	20190614	Sunny	Moderate	Mid-Flood	B	11.3	16:37	11.22	8.47	27.97	25.2	2.78	5	97	0.273	SW
CR1	20190614	Sunny	Moderate	Mid-Flood	M	6.2	16:38	12.83	8.9	33.42	25.2	3.41	3	97	0.164	W
CR1	20190614	Sunny	Moderate	Mid-Flood	M	6.2	16:38	13.16	8.53	27.92	25.2	3.24	3	96	0.216	W
CR1	20190614	Sunny	Moderate	Mid-Flood	S	1	16:39	11.13	8.94	30.51	25.2	2.17	3	95	0.152	W
CR1	20190614	Sunny	Moderate	Mid-Flood	S	1	16:39	11.82	8.4	31.13	25.1	2.04	3	94	0.157	W
CR2	20190614	Sunny	Moderate	Mid-Flood	B	9.9	16:13	13.86	8.73	29.75	25.1	2.55	6	98	0.256	W
CR2	20190614	Sunny	Moderate	Mid-Flood	B	9.9	16:13	13.25	8.71	33.33	25.2	2.37	6	97	0.175	W
CR2	20190614	Sunny	Moderate	Mid-Flood	M	5.5	16:14	11.1	8.7	30.96	25.2	2.24	6	96	0.132	SW
CR2	20190614	Sunny	Moderate	Mid-Flood	M	5.5	16:14	11.82	8.78	30.03	25.1	2.26	5	94	0.171	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	Direction in NESW
CR2	20190614	Sunny	Moderate	Mid-Flood	S	1	16:15	12.98	9.04	31.34	25.2	2.76	5	95	0.254	W
CR2	20190614	Sunny	Moderate	Mid-Flood	S	1	16:15	12.15	8.67	27.84	25.2	2.95	5	97	0.278	W
S1	20190614	Sunny	Moderate	Mid-Flood	B	4	15:35	13.85	8.37	27.27	25.2	2.96	3	96	0.134	SW
S1	20190614	Sunny	Moderate	Mid-Flood	B	4	15:35	10.95	8.85	31.4	25.2	3.06	3	95	0.146	NW
S1	20190614	Sunny	Moderate	Mid-Flood	S	1	15:36	13.85	8.46	30.86	25.1	2.81	3	94	0.133	W
S1	20190614	Sunny	Moderate	Mid-Flood	S	1	15:36	13.55	8.52	30.36	25.2	2.81	4	96	0.144	W
S2A	20190614	Sunny	Moderate	Mid-Flood	B	8.2	16:00	11.06	8.93	31.05	25.2	3.14	5	95	0.242	W
S2A	20190614	Sunny	Moderate	Mid-Flood	B	8.2	16:00	13.26	8.54	32.96	25.2	3.21	5	94	0.158	W
S2A	20190614	Sunny	Moderate	Mid-Flood	M	4.6	16:01	13.69	8.98	29.93	25.2	2.41	5	95	0.156	W
S2A	20190614	Sunny	Moderate	Mid-Flood	M	4.6	16:01	12.83	8.68	28.75	25.2	2.33	4	96	0.151	SW
S2A	20190614	Sunny	Moderate	Mid-Flood	S	1	16:02	12.27	8.91	31.16	25.1	3.39	4	95	0.243	NW
S2A	20190614	Sunny	Moderate	Mid-Flood	S	1	16:02	11.11	8.91	30.53	25.1	3.36	5	98	0.172	W
S3	20190614	Sunny	Moderate	Mid-Flood	B	8	16:23	13.71	8.32	31.31	25.2	2.37	4	96	0.189	W
S3	20190614	Sunny	Moderate	Mid-Flood	B	8	16:23	12.12	8.66	28.4	25.2	2.33	3	96	0.251	SW
S3	20190614	Sunny	Moderate	Mid-Flood	M	4.5	16:24	11.51	8.43	30.53	25.2	2.62	3	96	0.153	W
S3	20190614	Sunny	Moderate	Mid-Flood	M	4.5	16:24	13.86	8.6	31.49	25.1	2.47	4	95	0.183	NW
S3	20190614	Sunny	Moderate	Mid-Flood	S	1	16:25	11.35	8.68	33.08	25.2	2.65	2	95	0.227	W
S3	20190614	Sunny	Moderate	Mid-Flood	S	1	16:25	13.75	8.7	29.95	25.1	2.58	2	97	0.221	NW
B1	20190617	Cloudy	Moderate	Mid-Ebb	B	4.3	11:42	12.52	8.65	28.82	25.4	2.19	8	105	0.131	SE
B1	20190617	Cloudy	Moderate	Mid-Ebb	B	4.3	11:42	12.97	8.4	29.71	25.4	2.36	9	103	0.21	S
B1	20190617	Cloudy	Moderate	Mid-Ebb	S	1	11:43	12.8	9.01	31.9	25.4	3.32	5	104	0.117	S
B1	20190617	Cloudy	Moderate	Mid-Ebb	S	1	11:43	12.68	8.53	28.13	25.4	3.17	4	107	0.139	SE
B2	20190617	Cloudy	Moderate	Mid-Ebb	B	4.6	12:02	12.35	8.84	29.88	25.6	3.36	8	104	0.128	E
B2	20190617	Cloudy	Moderate	Mid-Ebb	B	4.6	12:02	11.58	8.63	31.2	25.6	3.54	9	105	0.143	SE
B2	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:03	11.51	8.68	30.94	25.6	2.38	6	105	0.106	SE
B2	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:03	12.97	8.46	33.4	25.5	2.46	6	104	0.162	S
B3	20190617	Cloudy	Moderate	Mid-Ebb	B	4.9	12:30	13.32	8.97	29.7	25.6	2.46	6	105	0.214	SE
B3	20190617	Cloudy	Moderate	Mid-Ebb	B	4.9	12:30	12.98	8.55	28.73	25.4	2.38	7	104	0.155	SE
B3	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:31	10.96	9	33.31	25.4	2.52	5	105	0.237	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
B3	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:31	13.7	9	27.6	25.5	2.47	6	104	0.093	SE
B4	20190617	Cloudy	Moderate	Mid-Ebb	B	4.3	12:40	12.29	8.35	28.2	25.6	2.19	8	104	0.152	SE
B4	20190617	Cloudy	Moderate	Mid-Ebb	B	4.3	12:40	11.24	8.53	32.91	25.5	2.16	7	104	0.135	SE
B4	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:41	13.74	8.52	31.94	25.4	2.56	6	105	0.144	SE
B4	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:41	11.33	8.58	29.48	25.6	2.54	7	104	0.093	SE
C1A	20190617	Cloudy	Moderate	Mid-Ebb	B	9.4	11:17	12.7	8.4	27.31	25.6	3.25	8	103	0.231	SE
C1A	20190617	Cloudy	Moderate	Mid-Ebb	B	9.4	11:17	11.67	8.4	29.11	25.6	3.06	8	106	0.25	E
C1A	20190617	Cloudy	Moderate	Mid-Ebb	M	5.2	11:18	11.44	8.72	32.13	25.5	2.19	8	104	0.194	SE
C1A	20190617	Cloudy	Moderate	Mid-Ebb	M	5.2	11:18	13.91	8.3	32.5	25.5	2.34	7	104	0.112	S
C1A	20190617	Cloudy	Moderate	Mid-Ebb	S	1	11:19	11.37	8.81	27.94	25.5	2.18	5	104	0.227	SE
C1A	20190617	Cloudy	Moderate	Mid-Ebb	S	1	11:19	12.55	8.5	28.97	25.5	2.03	6	105	0.127	E
C2A	20190617	Cloudy	Moderate	Mid-Ebb	B	11.3	11:21	11.37	8.85	30.98	25.5	3.34	9	103	0.103	S
C2A	20190617	Cloudy	Moderate	Mid-Ebb	B	11.3	11:21	11.22	8.34	29.17	25.5	3.14	9	105	0.232	S
C2A	20190617	Cloudy	Moderate	Mid-Ebb	M	6.2	11:22	11.7	8.98	30.43	25.5	3.06	6	105	0.224	S
C2A	20190617	Cloudy	Moderate	Mid-Ebb	M	6.2	11:22	12.08	8.94	30.52	25.5	2.91	8	103	0.221	S
C2A	20190617	Cloudy	Moderate	Mid-Ebb	S	1	11:23	11.85	8.89	28.8	25.4	3.35	7	104	0.227	SE
C2A	20190617	Cloudy	Moderate	Mid-Ebb	S	1	11:23	12.14	8.83	33.29	25.5	3.47	6	104	0.251	SE
F1A	20190617	Cloudy	Moderate	Mid-Ebb	B	8.1	12:48	11.34	8.71	31.63	25.5	2.05	9	103	0.089	SE
F1A	20190617	Cloudy	Moderate	Mid-Ebb	B	8.1	12:48	13.91	8.39	27.99	25.4	1.89	9	105	0.224	E
F1A	20190617	Cloudy	Moderate	Mid-Ebb	M	4.6	12:49	11.86	8.63	30.39	25.5	2.36	7	105	0.092	SE
F1A	20190617	Cloudy	Moderate	Mid-Ebb	M	4.6	12:49	11.5	8.66	29.99	25.5	2.45	6	105	0.234	SE
F1A	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:50	13.21	8.6	29.49	25.6	2.3	7	104	0.179	SE
F1A	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:50	11.83	8.87	29.49	25.4	2.49	6	104	0.247	SE
H1	20190617	Cloudy	Moderate	Mid-Ebb	B	7.7	12:11	12.18	8.35	32.81	25.6	2.06	9	104	0.159	SE
H1	20190617	Cloudy	Moderate	Mid-Ebb	B	7.7	12:11	11.4	8.35	33.17	25.4	2.03	9	103	0.18	SE
H1	20190617	Cloudy	Moderate	Mid-Ebb	M	4.4	12:12	13.29	8.86	30.91	25.5	2.69	7	105	0.227	SE
H1	20190617	Cloudy	Moderate	Mid-Ebb	M	4.4	12:12	13.09	8.99	32.99	25.5	2.8	8	104	0.105	S
H1	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:13	12.5	8.7	29.64	25.5	2	6	104	0.186	SE
H1	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:13	13.64	8.84	28.92	25.4	2.1	6	105	0.212	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	Direction in NESW
M1	20190617	Cloudy	Moderate	Mid-Ebb	B	8.1	13:23	11.48	8.98	32.1	25.4	2.54	8	104	0.137	E
M1	20190617	Cloudy	Moderate	Mid-Ebb	B	8.1	13:23	13.6	8.46	32.48	25.6	2.65	8	104	0.131	SE
M1	20190617	Cloudy	Moderate	Mid-Ebb	M	4.6	13:24	13.31	8.99	33.01	25.5	2.73	7	104	0.235	SE
M1	20190617	Cloudy	Moderate	Mid-Ebb	M	4.6	13:24	13.92	8.49	30.72	25.4	2.58	8	106	0.112	SE
M1	20190617	Cloudy	Moderate	Mid-Ebb	S	1	13:25	12.52	8.78	28.96	25.4	2.15	4	104	0.108	S
M1	20190617	Cloudy	Moderate	Mid-Ebb	S	1	13:25	11.08	8.51	29.91	25.5	2.32	5	107	0.088	E
CR1	20190617	Cloudy	Moderate	Mid-Ebb	B	11.9	11:34	11.94	8.94	31.42	25.5	3.13	7	103	0.134	SE
CR1	20190617	Cloudy	Moderate	Mid-Ebb	B	11.9	11:34	11.32	8.94	27.78	25.6	3.25	6	105	0.118	SE
CR1	20190617	Cloudy	Moderate	Mid-Ebb	M	6.5	11:35	11.75	8.41	32.87	25.5	2.99	6	104	0.088	E
CR1	20190617	Cloudy	Moderate	Mid-Ebb	M	6.5	11:35	13.61	8.56	28.58	25.5	2.83	5	105	0.142	SE
CR1	20190617	Cloudy	Moderate	Mid-Ebb	S	1	11:36	13.39	8.67	30.93	25.5	2.3	5	105	0.168	S
CR1	20190617	Cloudy	Moderate	Mid-Ebb	S	1	11:36	12.46	8.79	27.69	25.6	2.33	4	105	0.243	E
CR2	20190617	Cloudy	Moderate	Mid-Ebb	B	10	12:00	13.13	8.4	33.11	25.6	3.04	6	105	0.224	S
CR2	20190617	Cloudy	Moderate	Mid-Ebb	B	10	12:00	11.68	8.3	29.6	25.4	2.95	5	104	0.184	SE
CR2	20190617	Cloudy	Moderate	Mid-Ebb	M	5.5	12:01	13.35	8.44	29.75	25.6	2.55	6	104	0.094	SE
CR2	20190617	Cloudy	Moderate	Mid-Ebb	M	5.5	12:01	12.48	8.7	32.33	25.4	2.63	5	104	0.247	S
CR2	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:02	12.56	8.36	32.29	25.6	2.33	5	105	0.115	S
CR2	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:02	12.42	8.34	32.15	25.6	2.4	6	105	0.079	S
S1	20190617	Cloudy	Moderate	Mid-Ebb	B	4.3	11:51	10.97	8.45	31.12	25.6	3.03	7	104	0.141	S
S1	20190617	Cloudy	Moderate	Mid-Ebb	B	4.3	11:51	12.24	8.78	31.26	25.5	3.01	7	104	0.159	SE
S1	20190617	Cloudy	Moderate	Mid-Ebb	S	1	11:52	11.39	8.52	31.12	25.6	2.18	7	105	0.227	SE
S1	20190617	Cloudy	Moderate	Mid-Ebb	S	1	11:52	11.9	8.74	30.44	25.5	2.01	6	105	0.127	SE
S2A	20190617	Cloudy	Moderate	Mid-Ebb	B	8.6	12:16	12.86	9.03	33.37	25.6	2.25	6	105	0.15	SE
S2A	20190617	Cloudy	Moderate	Mid-Ebb	B	8.6	12:16	13.8	8.31	33	25.6	2.19	6	105	0.194	SE
S2A	20190617	Cloudy	Moderate	Mid-Ebb	M	4.8	12:17	12.65	8.66	32.25	25.5	3.1	6	106	0.144	E
S2A	20190617	Cloudy	Moderate	Mid-Ebb	M	4.8	12:17	13.86	8.71	33.4	25.5	3.14	6	104	0.231	SE
S2A	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:18	13.21	8.6	28.99	25.4	2.33	5	105	0.145	SE
S2A	20190617	Cloudy	Moderate	Mid-Ebb	S	1	12:18	12.68	8.43	31.61	25.5	2.42	6	107	0.101	E
S3	20190617	Cloudy	Moderate	Mid-Ebb	B	9.9	11:44	13.18	8.67	32.03	25.6	2	6	104	0.196	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	Direction in NESW
S3	20190617	Cloudy	Moderate	Mid-Ebb	B	9.9	11:44	13.05	8.33	28.28	25.6	2.02	7	105	0.106	S
S3	20190617	Cloudy	Moderate	Mid-Ebb	M	5.5	11:45	11.07	8.68	33.1	25.5	3.32	5	106	0.175	SE
S3	20190617	Cloudy	Moderate	Mid-Ebb	M	5.5	11:45	13.35	8.44	28.89	25.5	3.52	6	106	0.148	E
S3	20190617	Cloudy	Moderate	Mid-Ebb	S	1	11:46	11.08	9	29.31	25.4	2.18	5	105	0.142	S
S3	20190617	Cloudy	Moderate	Mid-Ebb	S	1	11:46	11.04	8.36	29.17	25.5	2.21	4	105	0.132	E
B1	20190617	Cloudy	Moderate	Mid-Flood	B	4.1	16:43	12.75	8.83	27.88	25.0	3.49	8	104	0.139	NW
B1	20190617	Cloudy	Moderate	Mid-Flood	B	4.1	16:43	11.41	8.38	32.19	25.1	3.46	8	104	0.229	W
B1	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:44	11.69	8.46	32.53	25.0	3.48	7	103	0.186	W
B1	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:44	12.87	8.36	28.87	25.1	3.58	7	104	0.205	W
B2	20190617	Cloudy	Moderate	Mid-Flood	B	4.5	17:03	13.53	8.58	32.8	25.0	3.11	6	104	0.174	W
B2	20190617	Cloudy	Moderate	Mid-Flood	B	4.5	17:03	11.92	8.7	29.41	25.1	3.14	6	107	0.163	W
B2	20190617	Cloudy	Moderate	Mid-Flood	S	1	17:04	12.17	8.99	29.07	24.9	2.46	4	104	0.212	W
B2	20190617	Cloudy	Moderate	Mid-Flood	S	1	17:04	12.91	8.85	31.84	25.1	2.31	5	104	0.225	W
B3	20190617	Cloudy	Moderate	Mid-Flood	B	4.5	17:30	11.85	8.8	29.2	24.9	2.67	7	104	0.208	W
B3	20190617	Cloudy	Moderate	Mid-Flood	B	4.5	17:30	13.12	8.75	31.98	25.0	2.53	7	105	0.152	SW
B3	20190617	Cloudy	Moderate	Mid-Flood	S	1	17:31	12.09	8.59	27.59	25.0	2.68	5	104	0.279	NW
B3	20190617	Cloudy	Moderate	Mid-Flood	S	1	17:31	11.6	8.3	32.36	24.9	2.86	6	105	0.188	W
B4	20190617	Cloudy	Moderate	Mid-Flood	B	4.3	17:41	13.67	8.43	29.41	25.0	2.2	7	104	0.284	W
B4	20190617	Cloudy	Moderate	Mid-Flood	B	4.3	17:41	13.62	8.78	28.15	24.9	2.19	7	104	0.172	SW
B4	20190617	Cloudy	Moderate	Mid-Flood	S	1	17:42	11.12	8.84	29.25	25.1	2.21	6	104	0.147	NW
B4	20190617	Cloudy	Moderate	Mid-Flood	S	1	17:42	12.86	8.86	31.65	24.9	2.16	6	104	0.264	W
C1A	20190617	Cloudy	Moderate	Mid-Flood	B	9.6	16:18	11.32	8.4	28.19	25.0	3.04	9	104	0.135	W
C1A	20190617	Cloudy	Moderate	Mid-Flood	B	9.6	16:18	13.48	8.84	32.79	25.0	2.85	8	105	0.201	NW
C1A	20190617	Cloudy	Moderate	Mid-Flood	M	5.3	16:19	12.71	8.49	28.93	25.0	3.01	7	106	0.193	W
C1A	20190617	Cloudy	Moderate	Mid-Flood	M	5.3	16:19	13.34	8.44	30.38	25.1	3.09	8	104	0.185	W
C1A	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:20	12.86	8.59	27.39	25.0	3.07	6	104	0.158	W
C1A	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:20	12.08	8.3	32.71	25.0	3.22	4	104	0.188	NW
C2A	20190617	Cloudy	Moderate	Mid-Flood	B	10.1	16:18	11.99	8.41	28.94	24.9	2.19	9	105	0.188	W
C2A	20190617	Cloudy	Moderate	Mid-Flood	B	10.1	16:18	11.98	8.51	30.47	24.9	2.11	8	105	0.266	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	Direction in NESW
C2A	20190617	Cloudy	Moderate	Mid-Flood	M	5.6	16:19	13.83	8.76	28.52	25.0	2.73	7	104	0.149	NW
C2A	20190617	Cloudy	Moderate	Mid-Flood	M	5.6	16:19	11.55	8.58	28.35	25.0	2.83	7	104	0.124	W
C2A	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:20	11.73	8.97	28.17	25.1	2.55	5	104	0.181	NW
C2A	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:20	12.86	8.39	28.99	25.0	2.54	6	104	0.134	W
F1A	20190617	Cloudy	Moderate	Mid-Flood	B	7.4	17:36	12.65	8.94	28.24	25.1	3	8	104	0.238	W
F1A	20190617	Cloudy	Moderate	Mid-Flood	B	7.4	17:36	11.07	8.46	27.82	25.0	2.82	8	104	0.289	W
F1A	20190617	Cloudy	Moderate	Mid-Flood	M	4.2	17:37	12.64	8.44	28.38	24.9	2.92	7	104	0.17	NW
F1A	20190617	Cloudy	Moderate	Mid-Flood	M	4.2	17:37	13.16	8.42	28.67	25.0	3.03	8	104	0.156	W
F1A	20190617	Cloudy	Moderate	Mid-Flood	S	1	17:38	13.01	8.39	32.09	25.1	2.95	7	106	0.264	W
F1A	20190617	Cloudy	Moderate	Mid-Flood	S	1	17:38	12.8	8.77	30.06	25.0	2.83	6	105	0.128	SW
H1	20190617	Cloudy	Moderate	Mid-Flood	B	6.5	17:06	12.25	8.41	32.44	24.9	3.43	6	104	0.203	SW
H1	20190617	Cloudy	Moderate	Mid-Flood	B	6.5	17:06	12.05	8.85	29.79	25.1	3.63	6	104	0.221	W
H1	20190617	Cloudy	Moderate	Mid-Flood	M	3.8	17:07	12.99	8.47	27.72	25.0	2.68	5	104	0.19	NW
H1	20190617	Cloudy	Moderate	Mid-Flood	M	3.8	17:07	12.73	8.56	28.52	25.0	2.86	6	104	0.172	W
H1	20190617	Cloudy	Moderate	Mid-Flood	S	1	17:08	11.86	8.32	31.7	25.1	3.4	5	104	0.258	W
H1	20190617	Cloudy	Moderate	Mid-Flood	S	1	17:08	12.36	8.45	27.85	24.9	3.21	5	106	0.144	NW
M1	20190617	Cloudy	Moderate	Mid-Flood	B	7.2	18:04	11.12	8.55	31.03	25.1	3.44	8	103	0.209	W
M1	20190617	Cloudy	Moderate	Mid-Flood	B	7.2	18:04	11.41	8.87	29.47	25.1	3.56	7	103	0.194	SW
M1	20190617	Cloudy	Moderate	Mid-Flood	M	4.1	18:05	11.51	8.66	32.29	25.0	2.76	6	103	0.131	W
M1	20190617	Cloudy	Moderate	Mid-Flood	M	4.1	18:05	11.31	8.51	29.56	24.9	2.61	6	103	0.256	W
M1	20190617	Cloudy	Moderate	Mid-Flood	S	1	18:06	13.41	8.36	27.67	25.0	3.44	5	104	0.252	SW
M1	20190617	Cloudy	Moderate	Mid-Flood	S	1	18:06	11.93	8.64	31.53	25.0	3.46	5	104	0.226	SW
CR1	20190617	Cloudy	Moderate	Mid-Flood	B	11.6	16:32	13.49	8.97	32.62	25.0	2.84	6	104	0.236	NW
CR1	20190617	Cloudy	Moderate	Mid-Flood	B	11.6	16:32	11.71	9.03	32.83	25.0	2.71	5	105	0.282	W
CR1	20190617	Cloudy	Moderate	Mid-Flood	M	6.3	16:33	12.35	8.84	30.74	25.0	3.38	4	105	0.287	W
CR1	20190617	Cloudy	Moderate	Mid-Flood	M	6.3	16:33	11.77	8.98	28.68	25.0	3.19	4	106	0.178	W
CR1	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:34	12.94	8.99	29.49	25.0	3.19	5	106	0.28	W
CR1	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:34	12.04	8.56	28.82	24.9	3.32	4	106	0.134	NW
CR2	20190617	Cloudy	Moderate	Mid-Flood	B	9.7	16:53	12.58	8.47	30.42	25.0	3.06	9	103	0.28	W

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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	Direction in NESW
CR2	20190617	Cloudy	Moderate	Mid-Flood	B	9.7	16:53	13.42	8.52	32.67	24.9	3.19	9	104	0.127	SW
CR2	20190617	Cloudy	Moderate	Mid-Flood	M	5.4	16:54	13.34	8.48	28.48	25.1	3.19	8	104	0.262	W
CR2	20190617	Cloudy	Moderate	Mid-Flood	M	5.4	16:54	11.58	8.95	27.93	24.9	3.22	8	103	0.125	W
CR2	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:55	12.73	8.81	30.02	24.9	2.62	7	104	0.154	SW
CR2	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:55	13.31	8.51	30.34	25.1	2.64	8	103	0.236	SW
S1	20190617	Cloudy	Moderate	Mid-Flood	B	4.3	16:53	13.24	8.35	28.07	25.0	2.67	6	104	0.219	W
S1	20190617	Cloudy	Moderate	Mid-Flood	B	4.3	16:53	11.77	8.36	30.25	25.1	2.5	8	105	0.232	W
S1	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:54	12.26	8.95	31.07	25.0	2.53	6	105	0.138	W
S1	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:54	12.45	8.77	32.33	25.0	2.48	6	106	0.156	W
S2A	20190617	Cloudy	Moderate	Mid-Flood	B	8.4	17:17	11.03	8.49	28.58	25.0	2.52	7	105	0.168	SW
S2A	20190617	Cloudy	Moderate	Mid-Flood	B	8.4	17:17	11.25	8.8	30.82	25.0	2.5	7	104	0.19	SW
S2A	20190617	Cloudy	Moderate	Mid-Flood	M	4.7	17:18	12.03	9.02	32.04	25.0	2.8	6	104	0.167	NW
S2A	20190617	Cloudy	Moderate	Mid-Flood	M	4.7	17:18	11.35	8.56	33.44	24.9	2.84	7	104	0.136	W
S2A	20190617	Cloudy	Moderate	Mid-Flood	S	1	17:19	12.62	8.73	31.91	25.0	2.1	7	105	0.244	W
S2A	20190617	Cloudy	Moderate	Mid-Flood	S	1	17:19	12.86	8.97	30.25	25.0	2.3	6	104	0.192	W
S3	20190617	Cloudy	Moderate	Mid-Flood	B	8.4	16:32	12.23	9.01	29.87	25.0	3.08	10	105	0.225	W
S3	20190617	Cloudy	Moderate	Mid-Flood	B	8.4	16:32	13.63	8.38	28.88	25.1	2.97	9	106	0.25	NW
S3	20190617	Cloudy	Moderate	Mid-Flood	M	4.7	16:33	11.32	8.44	33.22	25.0	3.38	8	104	0.274	SW
S3	20190617	Cloudy	Moderate	Mid-Flood	M	4.7	16:33	13.47	8.47	32.01	25.0	3.33	8	105	0.223	NW
S3	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:34	12.19	8.31	31.95	25.1	2.03	8	104	0.184	W
S3	20190617	Cloudy	Moderate	Mid-Flood	S	1	16:34	13.41	8.98	27.8	25.0	1.83	7	106	0.27	W
B1	20190620	Sunny	Moderate	Mid-Ebb	B	3.5	8:53	13.74	8.63	32.69	25.2	1.88	8	93	0.164	SW
B1	20190620	Sunny	Moderate	Mid-Ebb	B	3.5	8:53	11.16	8.46	29.31	25.2	1.64	8	94	0.141	W
B1	20190620	Sunny	Moderate	Mid-Ebb	S	1	8:54	11.38	8.58	31.22	25.3	2.09	7	96	0.08	W
B1	20190620	Sunny	Moderate	Mid-Ebb	S	1	8:54	13.51	9.02	32.53	25.4	1.86	7	93	0.179	W
B2	20190620	Sunny	Moderate	Mid-Ebb	B	3.8	9:13	12.92	8.77	32.4	25.3	1.56	6	96	0.176	SW
B2	20190620	Sunny	Moderate	Mid-Ebb	B	3.8	9:13	12	8.83	30.61	25.3	1.89	6	98	0.142	W
B2	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:14	11.17	8.88	28.09	25.3	1.77	4	97	0.11	SW
B2	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:14	12.91	8.43	29.26	25.3	1.93	5	96	0.245	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	Direction in NESW
B3	20190620	Sunny	Moderate	Mid-Ebb	B	3.8	9:03	12.25	8.74	33.41	25.4	2.01	8	96	0.204	SW
B3	20190620	Sunny	Moderate	Mid-Ebb	B	3.8	9:03	12.6	8.77	31.39	25.4	1.82	9	96	0.085	SW
B3	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:04	13.77	8.55	28.38	25.4	3.1	7	96	0.157	W
B3	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:04	11.28	8.46	31.39	25.2	2.6	5	97	0.164	SW
B4	20190620	Sunny	Moderate	Mid-Ebb	B	3.1	9:12	13.01	8.77	28.91	25.2	1.75	6	97	0.219	SW
B4	20190620	Sunny	Moderate	Mid-Ebb	B	3.1	9:12	13.16	8.85	32.45	25.3	1.45	6	96	0.209	W
B4	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:13	12.12	9.01	29.82	25.2	2.04	5	96	0.247	W
B4	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:13	11.34	9.04	33.01	25.3	2.19	5	97	0.168	W
C1A	20190620	Sunny	Moderate	Mid-Ebb	B	9.5	8:29	11.72	8.74	27.68	25.3	1.71	3	93	0.154	W
C1A	20190620	Sunny	Moderate	Mid-Ebb	B	9.5	8:29	12.8	8.45	29.08	25.3	1.94	3	92	0.207	SW
C1A	20190620	Sunny	Moderate	Mid-Ebb	M	5.3	8:30	13.52	8.58	33.27	25.4	1.79	3	92	0.118	W
C1A	20190620	Sunny	Moderate	Mid-Ebb	M	5.3	8:30	12.94	8.65	28.65	25.2	1.79	4	94	0.083	SW
C1A	20190620	Sunny	Moderate	Mid-Ebb	S	1	8:31	11.64	8.9	30.69	25.4	2.15	3	94	0.18	W
C1A	20190620	Sunny	Moderate	Mid-Ebb	S	1	8:31	11.27	8.67	28.14	25.3	1.74	4	94	0.111	W
C2A	20190620	Sunny	Moderate	Mid-Ebb	B	10.4	8:29	13.35	8.96	29.57	25.2	1.59	7	93	0.181	W
C2A	20190620	Sunny	Moderate	Mid-Ebb	B	10.4	8:29	13.22	8.48	30.78	25.4	1.85	6	92	0.191	SW
C2A	20190620	Sunny	Moderate	Mid-Ebb	M	5.7	8:30	12.1	8.78	30.94	25.3	1.71	6	92	0.138	W
C2A	20190620	Sunny	Moderate	Mid-Ebb	M	5.7	8:30	11.62	8.99	28.3	25.3	1.99	6	93	0.199	SW
C2A	20190620	Sunny	Moderate	Mid-Ebb	S	1	8:31	11.7	8.46	30.96	25.4	2.2	3	94	0.226	W
C2A	20190620	Sunny	Moderate	Mid-Ebb	S	1	8:31	11.11	9.03	32.78	25.3	2.04	4	93	0.217	W
F1A	20190620	Sunny	Moderate	Mid-Ebb	B	7.3	9:40	11.68	8.41	29.16	25.2	1.65	6	98	0.179	W
F1A	20190620	Sunny	Moderate	Mid-Ebb	B	7.3	9:40	13.39	8.85	28.38	25.2	1.86	5	97	0.098	W
F1A	20190620	Sunny	Moderate	Mid-Ebb	M	4.2	9:41	12.32	8.81	33.21	25.3	1.9	4	97	0.114	SW
F1A	20190620	Sunny	Moderate	Mid-Ebb	M	4.2	9:41	11.79	8.3	28.04	25.2	1.61	4	97	0.124	W
F1A	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:42	11.12	8.93	31.07	25.3	2.18	6	99	0.221	SW
F1A	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:42	13.43	9.04	32.66	25.3	1.71	7	96	0.225	W
H1	20190620	Sunny	Moderate	Mid-Ebb	B	7.9	8:49	11.19	8.75	29.77	25.3	1.93	4	93	0.227	W
H1	20190620	Sunny	Moderate	Mid-Ebb	B	7.9	8:49	12.91	8.3	31.6	25.2	1.66	5	93	0.145	SW
H1	20190620	Sunny	Moderate	Mid-Ebb	M	4.5	8:50	11.16	8.61	30.18	25.3	2.13	4	93	0.238	W

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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	Direction in NESW
H1	20190620	Sunny	Moderate	Mid-Ebb	M	4.5	8:50	11.95	8.54	32.51	25.3	2.43	4	93	0.195	W
H1	20190620	Sunny	Moderate	Mid-Ebb	S	1	8:51	12.07	8.77	30.97	25.3	2.03	5	97	0.097	W
H1	20190620	Sunny	Moderate	Mid-Ebb	S	1	8:51	13.15	8.4	29.6	25.2	2.14	5	95	0.23	W
M1	20190620	Sunny	Moderate	Mid-Ebb	B	8.8	10:14	11.13	8.83	28.22	25.4	1.78	3	94	0.106	W
M1	20190620	Sunny	Moderate	Mid-Ebb	B	8.8	10:14	13.67	8.69	31.16	25.2	1.59	2	94	0.17	W
M1	20190620	Sunny	Moderate	Mid-Ebb	M	4.9	10:15	12.12	8.66	30.25	25.4	1.81	5	95	0.08	W
M1	20190620	Sunny	Moderate	Mid-Ebb	M	4.9	10:15	12.96	8.69	29.18	25.4	1.68	4	95	0.238	W
M1	20190620	Sunny	Moderate	Mid-Ebb	S	1	10:16	13.69	8.86	32.44	25.2	1.85	6	96	0.156	SW
M1	20190620	Sunny	Moderate	Mid-Ebb	S	1	10:16	12.58	8.47	28.47	25.3	1.98	5	94	0.2	SW
CR1	20190620	Sunny	Moderate	Mid-Ebb	B	12.2	10:09	11.62	8.67	33.28	25.2	1.62	4	94	0.246	SW
CR1	20190620	Sunny	Moderate	Mid-Ebb	B	12.2	10:09	12.3	8.64	29.57	25.3	1.84	4	96	0.244	W
CR1	20190620	Sunny	Moderate	Mid-Ebb	M	6.6	10:10	10.99	8.9	32.34	25.3	1.75	6	94	0.183	W
CR1	20190620	Sunny	Moderate	Mid-Ebb	M	6.6	10:10	13.73	8.54	33.24	25.3	2.04	5	94	0.137	W
CR1	20190620	Sunny	Moderate	Mid-Ebb	S	1	10:11	11.91	8.3	31.87	25.4	1.75	6	94	0.161	SW
CR1	20190620	Sunny	Moderate	Mid-Ebb	S	1	10:11	12.36	8.79	31.59	25.4	2.06	5	94	0.102	W
CR2	20190620	Sunny	Moderate	Mid-Ebb	B	10.9	9:42	12.13	9	29.54	25.2	1.99	3	94	0.14	SW
CR2	20190620	Sunny	Moderate	Mid-Ebb	B	10.9	9:42	12.2	8.45	31.51	25.2	1.61	2	94	0.138	SW
CR2	20190620	Sunny	Moderate	Mid-Ebb	M	6	9:43	12.46	8.41	29.91	25.3	2.08	3	95	0.167	SW
CR2	20190620	Sunny	Moderate	Mid-Ebb	M	6	9:43	11.12	8.89	29.41	25.4	1.74	4	94	0.229	SW
CR2	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:44	12.49	9	29.54	25.3	1.81	8	94	0.246	SW
CR2	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:44	12.02	8.81	31.62	25.3	1.75	8	95	0.164	SW
S1	20190620	Sunny	Moderate	Mid-Ebb	B	3.8	9:03	13.59	9.01	32.67	25.3	1.66	5	97	0.219	W
S1	20190620	Sunny	Moderate	Mid-Ebb	B	3.8	9:03	13.3	8.94	27.43	25.4	1.48	5	97	0.083	SW
S1	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:04	12.12	8.8	28.86	25.3	1.81	5	98	0.116	SW
S1	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:04	13.13	8.33	27.41	25.3	2.09	6	97	0.157	SW
S2A	20190620	Sunny	Moderate	Mid-Ebb	B	7.7	9:29	12.2	9.02	31.57	25.4	2.16	5	97	0.133	W
S2A	20190620	Sunny	Moderate	Mid-Ebb	B	7.7	9:29	11.07	8.48	29.29	25.4	1.89	6	97	0.15	W
S2A	20190620	Sunny	Moderate	Mid-Ebb	M	4.4	9:30	12.34	8.57	29.12	25.2	2.16	4	97	0.1	SW
S2A	20190620	Sunny	Moderate	Mid-Ebb	M	4.4	9:30	12.26	8.79	27.29	25.4	2.05	4	97	0.098	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	Direction in NESW
S2A	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:31	13.11	8.38	33.23	25.4	1.75	4	99	0.213	W
S2A	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:31	12.74	8.71	32.35	25.3	1.98	3	97	0.108	W
S3	20190620	Sunny	Moderate	Mid-Ebb	B	9.7	9:54	11.82	8.54	28.24	25.2	1.91	4	95	0.246	SW
S3	20190620	Sunny	Moderate	Mid-Ebb	B	9.7	9:54	11.84	8.54	32.55	25.4	1.48	4	94	0.196	W
S3	20190620	Sunny	Moderate	Mid-Ebb	M	5.4	9:55	11.53	8.34	28.68	25.2	2.37	5	95	0.221	W
S3	20190620	Sunny	Moderate	Mid-Ebb	M	5.4	9:55	13.47	8.74	30.46	25.4	2.12	4	94	0.158	SW
S3	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:56	12.79	8.4	29.06	25.3	1.87	8	97	0.202	W
S3	20190620	Sunny	Moderate	Mid-Ebb	S	1	9:56	13.51	8.56	33.43	25.2	2.19	7	96	0.183	SW
B1	20190620	Sunny	Moderate	Mid-Flood	B	4.2	12:54	11.9	8.42	28.27	25.8	2.02	8	97	0.207	SW
B1	20190620	Sunny	Moderate	Mid-Flood	B	4.2	12:54	13.08	9.02	31.05	25.9	1.59	7	98	0.141	SW
B1	20190620	Sunny	Moderate	Mid-Flood	S	1	12:55	11.82	8.87	31.09	25.8	1.91	4	97	0.156	W
B1	20190620	Sunny	Moderate	Mid-Flood	S	1	12:55	12.24	8.77	28.44	25.9	2.15	4	97	0.197	W
B2	20190620	Sunny	Moderate	Mid-Flood	B	3.4	13:14	10.94	8.62	28.2	25.9	1.55	8	97	0.171	W
B2	20190620	Sunny	Moderate	Mid-Flood	B	3.4	13:14	10.95	8.32	31.11	25.9	1.88	8	99	0.226	SW
B2	20190620	Sunny	Moderate	Mid-Flood	S	1	13:15	13.12	8.46	32.86	25.8	2.29	4	97	0.17	NW
B2	20190620	Sunny	Moderate	Mid-Flood	S	1	13:15	10.95	8.31	29.86	25.8	2.05	5	97	0.171	SW
B3	20190620	Sunny	Moderate	Mid-Flood	B	4.3	13:06	12.14	8.58	31.91	25.9	1.77	9	97	0.289	W
B3	20190620	Sunny	Moderate	Mid-Flood	B	4.3	13:06	11.31	8.9	28.52	25.8	1.86	8	97	0.131	NW
B3	20190620	Sunny	Moderate	Mid-Flood	S	1	13:07	13.91	9.01	33.24	25.9	2.01	5	97	0.26	SW
B3	20190620	Sunny	Moderate	Mid-Flood	S	1	13:07	12.69	8.33	28.9	25.8	1.78	5	98	0.199	W
B4	20190620	Sunny	Moderate	Mid-Flood	B	4.6	13:18	11.71	8.36	27.69	25.8	1.83	7	97	0.165	NW
B4	20190620	Sunny	Moderate	Mid-Flood	B	4.6	13:18	11.71	8.62	31.6	25.9	1.52	7	97	0.27	SW
B4	20190620	Sunny	Moderate	Mid-Flood	S	1	13:19	13.19	8.54	27.43	25.9	1.99	4	97	0.235	W
B4	20190620	Sunny	Moderate	Mid-Flood	S	1	13:19	11.19	8.67	30.18	25.8	2.2	4	96	0.205	W
C1A	20190620	Sunny	Moderate	Mid-Flood	B	11	12:30	12.48	8.42	30.51	25.8	1.72	4	96	0.184	SW
C1A	20190620	Sunny	Moderate	Mid-Flood	B	11	12:30	12.84	9.02	31.74	25.9	1.89	4	96	0.27	SW
C1A	20190620	Sunny	Moderate	Mid-Flood	M	6	12:31	13.51	8.34	27.87	25.9	2.01	4	96	0.227	W
C1A	20190620	Sunny	Moderate	Mid-Flood	M	6	12:31	12.36	8.83	28.27	25.9	1.83	5	97	0.152	W
C1A	20190620	Sunny	Moderate	Mid-Flood	S	1	12:32	13.08	8.31	27.55	25.8	1.77	3	97	0.284	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	Direction in NESW
C1A	20190620	Sunny	Moderate	Mid-Flood	S	1	12:32	12.85	8.71	32.83	25.9	2.05	3	99	0.241	W
C2A	20190620	Sunny	Moderate	Mid-Flood	B	10.5	12:30	11.25	8.87	28.76	25.9	2.03	4	98	0.235	SW
C2A	20190620	Sunny	Moderate	Mid-Flood	B	10.5	12:30	13.06	8.43	28.45	25.8	1.77	4	96	0.289	W
C2A	20190620	Sunny	Moderate	Mid-Flood	M	5.8	12:31	11.05	8.87	32.05	25.9	1.87	7	96	0.222	SW
C2A	20190620	Sunny	Moderate	Mid-Flood	M	5.8	12:31	12.01	8.86	32.96	25.9	1.63	5	98	0.286	SW
C2A	20190620	Sunny	Moderate	Mid-Flood	S	1	12:32	13.66	8.75	27.66	25.8	2.22	5	96	0.211	W
C2A	20190620	Sunny	Moderate	Mid-Flood	S	1	12:32	12.67	8.35	27.61	25.9	2.08	5	95	0.224	W
F1A	20190620	Sunny	Moderate	Mid-Flood	B	7	13:45	13.51	8.95	32.64	25.8	2.11	3	96	0.277	W
F1A	20190620	Sunny	Moderate	Mid-Flood	B	7	13:45	12.32	8.68	30.98	25.9	1.91	5	96	0.152	W
F1A	20190620	Sunny	Moderate	Mid-Flood	M	4	13:46	11.04	8.37	32.45	25.9	2.13	3	97	0.167	SW
F1A	20190620	Sunny	Moderate	Mid-Flood	M	4	13:46	12.19	8.69	31.69	25.9	1.64	3	97	0.28	W
F1A	20190620	Sunny	Moderate	Mid-Flood	S	1	13:47	13.92	8.78	29.87	25.9	1.92	3	96	0.14	NW
F1A	20190620	Sunny	Moderate	Mid-Flood	S	1	13:47	11	8.8	27.37	25.9	2.24	3	97	0.22	SW
H1	20190620	Sunny	Moderate	Mid-Flood	B	6.7	12:48	13.22	8.86	27.67	25.8	1.87	4	98	0.196	W
H1	20190620	Sunny	Moderate	Mid-Flood	B	6.7	12:48	11.05	8.82	32.46	25.9	1.49	5	98	0.211	NW
H1	20190620	Sunny	Moderate	Mid-Flood	M	3.9	12:49	11.33	8.91	28.74	25.8	1.98	2	96	0.184	NW
H1	20190620	Sunny	Moderate	Mid-Flood	M	3.9	12:49	13.32	8.87	33.39	25.9	1.64	3	97	0.143	W
H1	20190620	Sunny	Moderate	Mid-Flood	S	1	12:50	13.59	8.58	30.81	25.8	2.3	5	98	0.29	SW
H1	20190620	Sunny	Moderate	Mid-Flood	S	1	12:50	11.68	8.93	30.1	25.9	2.49	4	97	0.16	SW
M1	20190620	Sunny	Moderate	Mid-Flood	B	7.3	15:21	13.83	8.97	32.07	25.9	1.76	9	94	0.17	W
M1	20190620	Sunny	Moderate	Mid-Flood	B	7.3	15:21	12.16	8.73	30.45	25.8	2.08	7	94	0.219	W
M1	20190620	Sunny	Moderate	Mid-Flood	M	4.2	15:22	10.98	8.86	28.88	25.8	2.09	3	94	0.179	W
M1	20190620	Sunny	Moderate	Mid-Flood	M	4.2	15:22	11.29	8.37	32.59	25.8	2.27	3	94	0.204	SW
M1	20190620	Sunny	Moderate	Mid-Flood	S	1	15:23	12.38	9	33.04	25.9	2.25	4	94	0.257	W
M1	20190620	Sunny	Moderate	Mid-Flood	S	1	15:23	13.39	8.38	30.14	25.9	1.99	4	94	0.173	W
CR1	20190620	Sunny	Moderate	Mid-Flood	B	11.9	14:08	12.84	8.98	33.32	25.9	2.33	3	94	0.269	W
CR1	20190620	Sunny	Moderate	Mid-Flood	B	11.9	14:08	13.29	8.65	29.72	25.8	2.05	4	94	0.219	W
CR1	20190620	Sunny	Moderate	Mid-Flood	M	6.5	14:09	11.76	9.02	29.55	25.8	2.47	3	97	0.155	SW
CR1	20190620	Sunny	Moderate	Mid-Flood	M	6.5	14:09	13.51	8.62	29.25	25.8	2.11	3	93	0.24	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	Direction in NESW
CR1	20190620	Sunny	Moderate	Mid-Flood	S	1	14:10	13.24	9.03	27.85	25.8	1.99	3	97	0.278	W
CR1	20190620	Sunny	Moderate	Mid-Flood	S	1	14:10	11.99	8.38	28.13	25.8	2.37	3	99	0.232	NW
CR2	20190620	Sunny	Moderate	Mid-Flood	B	10.1	13:43	11.45	8.37	28.94	25.9	2.05	4	94	0.178	W
CR2	20190620	Sunny	Moderate	Mid-Flood	B	10.1	13:43	13.61	8.34	30.29	25.9	1.81	5	94	0.24	NW
CR2	20190620	Sunny	Moderate	Mid-Flood	M	5.6	13:44	13.9	8.83	29.23	25.8	2.39	4	96	0.139	W
CR2	20190620	Sunny	Moderate	Mid-Flood	M	5.6	13:44	11.64	8.95	31.73	25.8	2.7	3	94	0.202	SW
CR2	20190620	Sunny	Moderate	Mid-Flood	S	1	13:45	12.3	8.72	31.87	25.8	2.43	4	94	0.271	W
CR2	20190620	Sunny	Moderate	Mid-Flood	S	1	13:45	12.77	8.81	29.03	25.9	2.12	4	94	0.287	W
S1	20190620	Sunny	Moderate	Mid-Flood	B	4	13:04	12.05	8.66	32.25	25.9	1.89	5	96	0.203	SW
S1	20190620	Sunny	Moderate	Mid-Flood	B	4	13:04	11.39	8.87	32.51	25.8	2.45	4	96	0.221	SW
S1	20190620	Sunny	Moderate	Mid-Flood	S	1	13:05	13.47	8.84	32.14	25.9	2.18	5	98	0.244	W
S1	20190620	Sunny	Moderate	Mid-Flood	S	1	13:05	13.37	8.57	28.32	25.9	2.34	4	96	0.203	SW
S2A	20190620	Sunny	Moderate	Mid-Flood	B	8.1	13:30	13	8.42	28.49	25.8	2.63	3	95	0.279	NW
S2A	20190620	Sunny	Moderate	Mid-Flood	B	8.1	13:30	11.13	8.77	29.74	25.8	2.79	2	96	0.282	W
S2A	20190620	Sunny	Moderate	Mid-Flood	M	4.6	13:31	12.81	8.55	31.16	25.8	2.67	5	96	0.25	W
S2A	20190620	Sunny	Moderate	Mid-Flood	M	4.6	13:31	11.73	8.94	30.15	25.8	2.04	4	98	0.216	W
S2A	20190620	Sunny	Moderate	Mid-Flood	S	1	13:32	11.58	9.04	31.05	25.9	2.21	7	97	0.287	W
S2A	20190620	Sunny	Moderate	Mid-Flood	S	1	13:32	11.38	8.66	29.33	25.8	1.86	8	97	0.291	W
S3	20190620	Sunny	Moderate	Mid-Flood	B	9.3	13:54	12.99	8.5	28.3	25.9	1.91	4	96	0.144	NW
S3	20190620	Sunny	Moderate	Mid-Flood	B	9.3	13:54	12.78	8.88	29.97	25.9	2.32	5	96	0.148	W
S3	20190620	Sunny	Moderate	Mid-Flood	M	5.2	13:55	12.39	8.81	29.35	25.8	2.02	3	96	0.154	W
S3	20190620	Sunny	Moderate	Mid-Flood	M	5.2	13:55	12.74	8.83	29.53	25.9	1.7	4	95	0.235	W
S3	20190620	Sunny	Moderate	Mid-Flood	S	1	13:56	11.81	8.66	28.76	25.8	2.34	6	96	0.226	W
S3	20190620	Sunny	Moderate	Mid-Flood	S	1	13:56	13.65	8.89	32.25	25.9	2.56	5	96	0.22	NW
B1	20190622	Sunny	Moderate	Mid-Ebb	B	3.5	9:04	7.45	8.3	21.8	29.4	2.69	4	92	0.206	E
B1	20190622	Sunny	Moderate	Mid-Ebb	B	3.5	9:04	8.43	8.44	21	29.4	2.82	5	94	0.113	S
B1	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:05	8.99	8.64	22	29.3	2.75	4	90	0.178	SE
B1	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:05	7.51	8.32	22	29.3	2.67	4	92	0.202	S
B2	20190622	Sunny	Moderate	Mid-Ebb	B	4.1	9:22	8.56	8.98	20.4	29.4	2.97	5	91	0.137	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	Direction in NESW
B2	20190622	Sunny	Moderate	Mid-Ebb	B	4.1	9:22	9	8.95	20.7	29.4	2.7	5	93	0.083	SE
B2	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:23	9.47	8.79	21.3	29.5	3.02	2	92	0.088	SE
B2	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:23	9.87	8.48	20.6	29.4	2.81	3	91	0.248	SE
B3	20190622	Sunny	Moderate	Mid-Ebb	B	4.5	9:03	9.48	9.26	20.8	29.3	2.97	4	95	0.201	E
B3	20190622	Sunny	Moderate	Mid-Ebb	B	4.5	9:03	9.44	9.49	21.7	29.4	3	5	93	0.245	E
B3	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:04	7.62	9.59	22.1	29.3	2.91	6	94	0.202	SE
B3	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:04	7.88	9.69	21.2	29.5	2.97	5	91	0.082	SE
B4	20190622	Sunny	Moderate	Mid-Ebb	B	3.1	9:17	8.24	9.31	21.5	29.5	3	3	92	0.186	S
B4	20190622	Sunny	Moderate	Mid-Ebb	B	3.1	9:17	7.53	9.24	22	29.4	2.9	2	91	0.082	E
B4	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:18	8.1	9.31	22.4	29.3	3.24	4	92	0.139	S
B4	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:18	8.13	9.56	21.1	29.3	2.68	3	93	0.244	SE
C1A	20190622	Sunny	Moderate	Mid-Ebb	B	8.7	8:34	9.08	8.22	22.2	29.4	2.71	3	93	0.147	SE
C1A	20190622	Sunny	Moderate	Mid-Ebb	B	8.7	8:34	8.31	8.99	21.6	29.5	2.73	3	95	0.134	S
C1A	20190622	Sunny	Moderate	Mid-Ebb	M	4.9	8:35	8.48	8.83	20.7	29.3	2.58	3	92	0.166	SE
C1A	20190622	Sunny	Moderate	Mid-Ebb	M	4.9	8:35	7.89	9.02	20.6	29.3	2.96	4	93	0.126	SE
C1A	20190622	Sunny	Moderate	Mid-Ebb	S	1	8:36	7.78	8.5	22	29.5	2.74	4	93	0.187	SE
C1A	20190622	Sunny	Moderate	Mid-Ebb	S	1	8:36	7.88	8.39	21.9	29.5	2.76	3	92	0.192	E
C2A	20190622	Sunny	Moderate	Mid-Ebb	B	11	8:37	9.45	9.41	22.3	29.4	2.52	3	93	0.23	E
C2A	20190622	Sunny	Moderate	Mid-Ebb	B	11	8:37	8.08	9.6	22.2	29.3	2.96	2	92	0.099	S
C2A	20190622	Sunny	Moderate	Mid-Ebb	M	6	8:38	8.45	9.32	20.8	29.4	2.85	3	93	0.087	S
C2A	20190622	Sunny	Moderate	Mid-Ebb	M	6	8:38	8.38	9.29	21.3	29.5	2.8	4	92	0.16	S
C2A	20190622	Sunny	Moderate	Mid-Ebb	S	1	8:39	8.13	9.36	21.9	29.4	2.69	4	91	0.246	S
C2A	20190622	Sunny	Moderate	Mid-Ebb	S	1	8:39	9.32	9.28	20.5	29.3	2.86	5	88	0.21	SE
F1A	20190622	Sunny	Moderate	Mid-Ebb	B	7.4	9:40	7.77	9.31	21.1	29.3	2.57	3	90	0.181	E
F1A	20190622	Sunny	Moderate	Mid-Ebb	B	7.4	9:40	7.69	9.48	21	29.4	2.48	4	90	0.188	E
F1A	20190622	Sunny	Moderate	Mid-Ebb	M	4.2	9:41	9.4	9.35	21.2	29.3	2.56	3	91	0.236	SE
F1A	20190622	Sunny	Moderate	Mid-Ebb	M	4.2	9:41	8.4	9.19	21.3	29.5	2.71	4	94	0.114	SE
F1A	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:42	8.11	9.5	20.9	29.5	3.11	2	93	0.236	SE
F1A	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:42	7.62	9.66	22.5	29.4	3.21	2	93	0.155	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	Direction in NESW
H1	20190622	Sunny	Moderate	Mid-Ebb	B	8	8:51	9.63	9.33	21.9	29.4	2.92	2	94	0.226	S
H1	20190622	Sunny	Moderate	Mid-Ebb	B	8	8:51	7.49	9.62	20.8	29.3	2.46	4	93	0.226	SE
H1	20190622	Sunny	Moderate	Mid-Ebb	M	4.5	8:52	8.07	9.45	20.4	29.4	2.54	3	93	0.216	E
H1	20190622	Sunny	Moderate	Mid-Ebb	M	4.5	8:52	10.02	9.61	20.9	29.4	2.92	4	93	0.214	SE
H1	20190622	Sunny	Moderate	Mid-Ebb	S	1	8:53	8.98	9.21	21.3	29.4	3.18	5	93	0.102	SE
H1	20190622	Sunny	Moderate	Mid-Ebb	S	1	8:53	9.53	9.23	20.5	29.5	3.21	4	93	0.178	SE
M1	20190622	Sunny	Moderate	Mid-Ebb	B	8.9	10:17	8.3	9.64	21.4	29.4	2.79	5	92	0.125	S
M1	20190622	Sunny	Moderate	Mid-Ebb	B	8.9	10:17	7.57	9.71	21.2	29.4	2.97	4	92	0.096	S
M1	20190622	Sunny	Moderate	Mid-Ebb	M	5	10:18	8.02	9.41	20.5	29.4	3.05	4	91	0.079	SE
M1	20190622	Sunny	Moderate	Mid-Ebb	M	5	10:18	9.56	9.55	22.3	29.4	2.79	4	94	0.166	SE
M1	20190622	Sunny	Moderate	Mid-Ebb	S	1	10:19	8.09	9.27	22.1	29.4	3.11	4	92	0.113	E
M1	20190622	Sunny	Moderate	Mid-Ebb	S	1	10:19	9.27	9.68	20.8	29.4	2.92	5	92	0.244	SE
CR1	20190622	Sunny	Moderate	Mid-Ebb	B	12.6	10:16	8.84	8.61	22.3	29.4	2.9	3	91	0.156	SE
CR1	20190622	Sunny	Moderate	Mid-Ebb	B	12.6	10:16	7.94	8.74	21.3	29.4	2.45	4	89	0.223	E
CR1	20190622	Sunny	Moderate	Mid-Ebb	M	6.8	10:17	7.69	8.89	21.6	29.4	2.66	2	90	0.23	SE
CR1	20190622	Sunny	Moderate	Mid-Ebb	M	6.8	10:17	9.78	8.61	21.4	29.4	2.57	2	89	0.161	SE
CR1	20190622	Sunny	Moderate	Mid-Ebb	S	1	10:18	9.01	8.37	20.5	29.4	3.1	3	91	0.106	E
CR1	20190622	Sunny	Moderate	Mid-Ebb	S	1	10:18	7.83	8.21	21.8	29.3	2.88	3	90	0.156	SE
CR2	20190622	Sunny	Moderate	Mid-Ebb	B	10.1	9:53	9.15	8.84	21.7	29.3	2.56	4	93	0.21	SE
CR2	20190622	Sunny	Moderate	Mid-Ebb	B	10.1	9:53	7.74	8.71	20.9	29.4	2.64	3	92	0.158	SE
CR2	20190622	Sunny	Moderate	Mid-Ebb	M	5.6	9:54	8.96	8.97	20.3	29.4	3.08	4	94	0.099	SE
CR2	20190622	Sunny	Moderate	Mid-Ebb	M	5.6	9:54	8.19	8.7	20.9	29.4	2.55	3	91	0.153	S
CR2	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:55	9.68	8.72	21.3	29.4	3.24	2	91	0.238	S
CR2	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:55	8.31	8.71	22.2	29.5	2.97	3	90	0.143	SE
S1	20190622	Sunny	Moderate	Mid-Ebb	B	4.2	9:13	7.48	8.89	20.9	29.4	2.51	3	91	0.228	SE
S1	20190622	Sunny	Moderate	Mid-Ebb	B	4.2	9:13	9.19	8.3	21.2	29.3	2.94	2	92	0.135	SE
S1	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:14	7.96	8.67	22.2	29.3	2.77	2	92	0.138	SE
S1	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:14	9.93	8.75	21.4	29.4	2.87	3	92	0.08	S
S2A	20190622	Sunny	Moderate	Mid-Ebb	B	8.6	9:39	8.9	8.61	21.1	29.3	2.87	4	92	0.099	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	Direction in NESW
S2A	20190622	Sunny	Moderate	Mid-Ebb	B	8.6	9:39	8.06	8.69	21.1	29.3	2.72	4	90	0.179	SE
S2A	20190622	Sunny	Moderate	Mid-Ebb	M	4.8	9:40	9.34	8.88	20.7	29.4	3.1	2	92	0.252	SE
S2A	20190622	Sunny	Moderate	Mid-Ebb	M	4.8	9:40	9.69	8.45	21.7	29.5	2.71	3	92	0.149	E
S2A	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:41	8.76	8.47	22.2	29.3	3.16	2	92	0.173	S
S2A	20190622	Sunny	Moderate	Mid-Ebb	S	1	9:41	9.64	8.28	21.5	29.5	3.09	2	91	0.198	S
S3	20190622	Sunny	Moderate	Mid-Ebb	B	9.7	10:02	8.79	8.55	21.7	29.5	2.99	4	94	0.123	E
S3	20190622	Sunny	Moderate	Mid-Ebb	B	9.7	10:02	8.63	8.29	21.7	29.5	2.69	3	91	0.227	S
S3	20190622	Sunny	Moderate	Mid-Ebb	M	5.4	10:03	7.64	8.5	20.3	29.4	2.73	3	92	0.152	SE
S3	20190622	Sunny	Moderate	Mid-Ebb	M	5.4	10:03	9.33	8.67	20.7	29.3	3.11	3	92	0.18	E
S3	20190622	Sunny	Moderate	Mid-Ebb	S	1	10:04	8.73	8.42	21.6	29.4	2.7	2	93	0.168	SE
S3	20190622	Sunny	Moderate	Mid-Ebb	S	1	10:04	9.67	8.89	21.3	29.4	2.96	2	92	0.184	S
B1	20190622	Sunny	Moderate	Mid-Flood	B	3.7	14:05	10.02	8.63	21	29.6	2.79	3	92	0.281	W
B1	20190622	Sunny	Moderate	Mid-Flood	B	3.7	14:05	8.05	8.51	21.3	29.6	2.51	4	91	0.179	W
B1	20190622	Sunny	Moderate	Mid-Flood	S	1	14:06	7.86	8.64	21.3	29.6	2.95	6	92	0.264	W
B1	20190622	Sunny	Moderate	Mid-Flood	S	1	14:06	8.11	8.57	20.4	29.6	3.22	4	92	0.248	W
B2	20190622	Sunny	Moderate	Mid-Flood	B	3.9	14:23	7.67	8.75	21	29.3	2.56	4	92	0.226	SW
B2	20190622	Sunny	Moderate	Mid-Flood	B	3.9	14:23	9.57	8.31	21.4	29.5	2.6	2	94	0.177	W
B2	20190622	Sunny	Moderate	Mid-Flood	S	1	14:24	8.44	8.42	21.4	29.4	3.2	5	93	0.26	SW
B2	20190622	Sunny	Moderate	Mid-Flood	S	1	14:24	7.81	8.3	21.2	29.5	2.97	4	92	0.219	NW
B3	20190622	Sunny	Moderate	Mid-Flood	B	4.2	14:15	10.04	9.72	20.6	29.3	2.7	4	91	0.234	NW
B3	20190622	Sunny	Moderate	Mid-Flood	B	4.2	14:15	9.39	9.8	20.8	29.5	2.94	3	92	0.147	W
B3	20190622	Sunny	Moderate	Mid-Flood	S	1	14:16	9.84	10.2	21.1	29.3	2.74	4	92	0.267	NW
B3	20190622	Sunny	Moderate	Mid-Flood	S	1	14:16	10.06	9.86	21.1	29.5	2.97	3	93	0.157	W
B4	20190622	Sunny	Moderate	Mid-Flood	B	3.5	14:26	7.56	9.23	20.4	29.4	2.46	3	92	0.125	W
B4	20190622	Sunny	Moderate	Mid-Flood	B	3.5	14:26	9.47	10.4	21.2	29.5	2.74	3	93	0.206	NW
B4	20190622	Sunny	Moderate	Mid-Flood	S	1	14:27	7.83	9.37	20.8	29.5	3.11	4	91	0.162	W
B4	20190622	Sunny	Moderate	Mid-Flood	S	1	14:27	9.17	9.43	20.6	29.5	2.68	3	92	0.185	SW
C1A	20190622	Sunny	Moderate	Mid-Flood	B	10.9	13:41	7.71	8.41	20.6	29.6	3	5	92	0.261	W
C1A	20190622	Sunny	Moderate	Mid-Flood	B	10.9	13:41	7.91	8.47	21.1	29.4	2.52	4	90	0.266	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	Direction in NESW
C1A	20190622	Sunny	Moderate	Mid-Flood	M	6	13:42	8.52	8.3	20.9	29.6	2.66	6	94	0.219	W
C1A	20190622	Sunny	Moderate	Mid-Flood	M	6	13:42	8.48	9.04	20.6	29.6	2.98	6	93	0.288	SW
C1A	20190622	Sunny	Moderate	Mid-Flood	S	1	13:43	10.06	8.77	20.3	29.6	2.7	8	92	0.29	SW
C1A	20190622	Sunny	Moderate	Mid-Flood	S	1	13:43	8.78	8.73	21	29.4	3.24	7	93	0.272	W
C2A	20190622	Sunny	Moderate	Mid-Flood	B	10.5	13:41	10.19	9.92	20.6	29.4	2.95	2	92	0.168	SW
C2A	20190622	Sunny	Moderate	Mid-Flood	B	10.5	13:41	8.79	9.78	21.4	29.3	2.88	3	94	0.272	W
C2A	20190622	Sunny	Moderate	Mid-Flood	M	5.8	13:42	7.55	10.14	20.4	29.5	2.73	6	93	0.136	W
C2A	20190622	Sunny	Moderate	Mid-Flood	M	5.8	13:42	7.65	9.52	21.3	29.5	2.56	5	90	0.227	W
C2A	20190622	Sunny	Moderate	Mid-Flood	S	1	13:43	7.87	10	21.3	29.6	3.25	6	89	0.166	W
C2A	20190622	Sunny	Moderate	Mid-Flood	S	1	13:43	7.54	9.63	21.3	29.4	3.69	6	90	0.198	NW
F1A	20190622	Sunny	Moderate	Mid-Flood	B	7.3	14:51	8.62	10.28	21.3	29.6	2.55	2	90	0.284	SW
F1A	20190622	Sunny	Moderate	Mid-Flood	B	7.3	14:51	7.91	10.26	20.8	29.4	2.53	3	90	0.189	W
F1A	20190622	Sunny	Moderate	Mid-Flood	M	4.2	14:52	8.9	9.92	20.4	29.5	2.6	5	88	0.27	W
F1A	20190622	Sunny	Moderate	Mid-Flood	M	4.2	14:52	9.21	10.2	21.1	29.6	2.65	4	92	0.174	W
F1A	20190622	Sunny	Moderate	Mid-Flood	S	1	14:53	8.56	9.52	21.3	29.5	2.74	6	93	0.282	W
F1A	20190622	Sunny	Moderate	Mid-Flood	S	1	14:53	9.64	9.45	20.9	29.5	3.13	6	90	0.218	W
H1	20190622	Sunny	Moderate	Mid-Flood	B	7.4	14:00	9.05	9.56	20.4	29.5	2.62	2	93	0.15	NW
H1	20190622	Sunny	Moderate	Mid-Flood	B	7.4	14:00	7.57	9.84	20.8	29.5	2.46	2	92	0.182	W
H1	20190622	Sunny	Moderate	Mid-Flood	M	4.2	14:01	8.89	9.68	21.4	29.5	2.99	5	88	0.189	W
H1	20190622	Sunny	Moderate	Mid-Flood	M	4.2	14:01	9.75	9.7	20.6	29.4	2.7	4	92	0.24	SW
H1	20190622	Sunny	Moderate	Mid-Flood	S	1	14:02	9.25	10.07	21.2	29.5	3.18	6	92	0.226	W
H1	20190622	Sunny	Moderate	Mid-Flood	S	1	14:02	9.26	9.67	21	29.5	2.8	7	95	0.125	SW
M1	20190622	Sunny	Moderate	Mid-Flood	B	6.5	15:27	8.63	9.96	21.1	29.4	2.9	4	90	0.143	NW
M1	20190622	Sunny	Moderate	Mid-Flood	B	6.5	15:27	9.64	9.27	21	29.4	2.52	3	91	0.125	W
M1	20190622	Sunny	Moderate	Mid-Flood	M	3.8	15:28	10.12	10.32	21.2	29.5	2.66	4	90	0.164	NW
M1	20190622	Sunny	Moderate	Mid-Flood	M	3.8	15:28	8.22	10.13	20.7	29.6	2.82	4	90	0.169	W
M1	20190622	Sunny	Moderate	Mid-Flood	S	1	15:29	9.32	9.68	21.3	29.4	2.77	4	91	0.209	W
M1	20190622	Sunny	Moderate	Mid-Flood	S	1	15:29	7.62	10.32	20.8	29.5	3.06	5	91	0.125	W
CR1	20190622	Sunny	Moderate	Mid-Flood	B	11.8	15:17	9.92	8.9	21	29.6	2.81	4	94	0.122	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	Direction in NESW
CR1	20190622	Sunny	Moderate	Mid-Flood	B	11.8	15:17	9.19	8.94	21.3	29.6	2.87	4	92	0.154	W
CR1	20190622	Sunny	Moderate	Mid-Flood	M	6.4	15:18	9.82	9.02	20.8	29.6	2.93	4	90	0.28	W
CR1	20190622	Sunny	Moderate	Mid-Flood	M	6.4	15:18	9.85	8.77	21.4	29.5	2.61	4	91	0.126	SW
CR1	20190622	Sunny	Moderate	Mid-Flood	S	1	15:19	9.05	8.44	21.4	29.3	3.01	5	91	0.187	NW
CR1	20190622	Sunny	Moderate	Mid-Flood	S	1	15:19	8.58	8.92	21.4	29.3	2.92	5	92	0.143	W
CR2	20190622	Sunny	Moderate	Mid-Flood	B	9.8	14:54	8.43	8.56	20.4	29.6	2.67	4	91	0.151	W
CR2	20190622	Sunny	Moderate	Mid-Flood	B	9.8	14:54	10.17	8.83	21	29.4	2.99	4	92	0.208	SW
CR2	20190622	Sunny	Moderate	Mid-Flood	M	5.4	14:55	8.75	8.71	20.6	29.6	3.09	4	89	0.249	NW
CR2	20190622	Sunny	Moderate	Mid-Flood	M	5.4	14:55	10.09	8.38	20.9	29.5	2.8	4	91	0.13	W
CR2	20190622	Sunny	Moderate	Mid-Flood	S	1	14:56	9.74	8.86	20.4	29.4	3.16	4	88	0.273	W
CR2	20190622	Sunny	Moderate	Mid-Flood	S	1	14:56	8.5	8.34	21	29.5	2.89	5	90	0.177	SW
S1	20190622	Sunny	Moderate	Mid-Flood	B	4.3	14:14	9.25	8.92	20.6	29.3	2.68	3	92	0.283	W
S1	20190622	Sunny	Moderate	Mid-Flood	B	4.3	14:14	9.68	8.56	20.3	29.4	2.58	4	92	0.248	W
S1	20190622	Sunny	Moderate	Mid-Flood	S	1	14:15	7.71	8.65	21.1	29.5	2.71	4	90	0.258	W
S1	20190622	Sunny	Moderate	Mid-Flood	S	1	14:15	8.66	8.92	21.5	29.6	2.91	5	92	0.159	W
S2A	20190622	Sunny	Moderate	Mid-Flood	B	8.4	14:40	7.85	8.8	21	29.5	2.76	4	92	0.285	W
S2A	20190622	Sunny	Moderate	Mid-Flood	B	8.4	14:40	9.16	8.42	20.9	29.4	2.43	4	89	0.236	SW
S2A	20190622	Sunny	Moderate	Mid-Flood	M	4.7	14:41	7.93	8.78	20.4	29.5	2.92	5	89	0.181	W
S2A	20190622	Sunny	Moderate	Mid-Flood	M	4.7	14:41	9.46	8.3	20.6	29.4	2.62	6	89	0.262	W
S2A	20190622	Sunny	Moderate	Mid-Flood	S	1	14:42	9.45	9.01	21.2	29.4	2.94	5	90	0.156	W
S2A	20190622	Sunny	Moderate	Mid-Flood	S	1	14:42	9.83	8.94	20.6	29.5	2.98	6	91	0.187	W
S3	20190622	Sunny	Moderate	Mid-Flood	B	8.1	15:02	9.93	8.71	21.4	29.5	2.79	4	91	0.206	NW
S3	20190622	Sunny	Moderate	Mid-Flood	B	8.1	15:02	8.51	8.49	20.4	29.3	2.83	5	90	0.129	SW
S3	20190622	Sunny	Moderate	Mid-Flood	M	4.6	15:03	7.92	8.84	21.3	29.5	3.07	5	88	0.217	W
S3	20190622	Sunny	Moderate	Mid-Flood	M	4.6	15:03	10.1	8.48	20.8	29.5	2.74	6	91	0.219	SW
S3	20190622	Sunny	Moderate	Mid-Flood	S	1	15:04	8.12	8.95	21.4	29.4	2.82	9	91	0.128	SW
S3	20190622	Sunny	Moderate	Mid-Flood	S	1	15:04	8.3	8.44	21.3	29.4	2.94	8	89	0.203	W
B1	20190624	Cloudy	Moderate	Mid-Ebb	B	3.6	8:23	9.94	9	21.77	29.4	2.85	4	93	0.159	SE
B1	20190624	Cloudy	Moderate	Mid-Ebb	B	3.6	8:23	9.61	8.54	21.94	29.2	2.6	4	92	0.205	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	Direction in NESW
B1	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:24	8.06	8.7	20.37	29.5	2.76	6	92	0.123	SE
B1	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:24	9.09	8.55	20.72	29.4	3.26	4	93	0.233	S
B2	20190624	Cloudy	Moderate	Mid-Ebb	B	4.6	8:44	8.42	8.75	20.49	29.3	2.53	4	93	0.157	SE
B2	20190624	Cloudy	Moderate	Mid-Ebb	B	4.6	8:44	8.55	9.07	21.95	29.4	2.93	4	92	0.174	SE
B2	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:45	8.95	9.07	21.72	29.4	3.01	2	95	0.079	SE
B2	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:45	9.36	9.13	20.96	29.4	2.99	2	92	0.245	SE
B3	20190624	Cloudy	Moderate	Mid-Ebb	B	4.2	8:46	8.38	10.31	21.7	29.2	2.75	3	93	0.172	S
B3	20190624	Cloudy	Moderate	Mid-Ebb	B	4.2	8:46	8.97	10.2	21.1	29.5	2.68	3	94	0.169	SE
B3	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:47	7.73	9.79	20.4	29.4	2.77	6	92	0.229	SE
B3	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:47	8.33	10.23	20.4	29.2	3.13	4	93	0.232	SE
B4	20190624	Cloudy	Moderate	Mid-Ebb	B	4	9:00	7.43	9.82	21.6	29.2	2.54	6	93	0.119	SE
B4	20190624	Cloudy	Moderate	Mid-Ebb	B	4	9:00	9.1	9.82	20.9	29.5	2.52	6	92	0.224	SE
B4	20190624	Cloudy	Moderate	Mid-Ebb	S	1	9:01	8.37	9.86	21.6	29.4	3.14	4	92	0.125	SE
B4	20190624	Cloudy	Moderate	Mid-Ebb	S	1	9:01	9.38	9.82	21.1	29.5	3.04	4	92	0.188	SE
C1A	20190624	Cloudy	Moderate	Mid-Ebb	B	9.5	8:00	8.96	9.13	22.11	29.4	2.98	3	93	0.151	SE
C1A	20190624	Cloudy	Moderate	Mid-Ebb	B	9.5	8:00	8.25	8.74	20.79	29.3	2.75	2	92	0.111	SE
C1A	20190624	Cloudy	Moderate	Mid-Ebb	M	5.3	8:01	8.77	8.84	20.83	29.5	2.99	2	93	0.175	S
C1A	20190624	Cloudy	Moderate	Mid-Ebb	M	5.3	8:01	9.49	8.53	21.23	29.4	2.55	3	92	0.234	SE
C1A	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:02	8.73	8.92	21.09	29.4	2.69	5	93	0.232	SE
C1A	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:02	8.39	8.69	21	29.3	2.73	4	93	0.109	E
C2A	20190624	Cloudy	Moderate	Mid-Ebb	B	11.4	8:13	7.92	9.84	21	29.4	2.66	3	92	0.179	E
C2A	20190624	Cloudy	Moderate	Mid-Ebb	B	11.4	8:13	8.88	10.48	21.6	29.4	2.56	3	93	0.243	S
C2A	20190624	Cloudy	Moderate	Mid-Ebb	M	6.2	8:14	8.96	9.84	21.6	29.2	2.83	4	92	0.206	SE
C2A	20190624	Cloudy	Moderate	Mid-Ebb	M	6.2	8:14	9.65	9.99	22.1	29.3	3.04	3	92	0.189	E
C2A	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:15	9.02	10.34	21.5	29.3	3.02	5	94	0.085	E
C2A	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:15	9.81	9.74	20.6	29.2	2.68	4	92	0.25	SE
F1A	20190624	Cloudy	Moderate	Mid-Ebb	B	7.5	9:28	8.59	9.86	20.5	29.2	2.5	2	94	0.149	SE
F1A	20190624	Cloudy	Moderate	Mid-Ebb	B	7.5	9:28	9.5	10.17	20.9	29.4	2.91	2	92	0.145	SE
F1A	20190624	Cloudy	Moderate	Mid-Ebb	M	4.3	9:29	7.46	10.28	21.3	29.2	3.08	3	92	0.113	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	Direction in NESW
F1A	20190624	Cloudy	Moderate	Mid-Ebb	M	4.3	9:29	8.83	10.11	21.1	29.5	3.06	2	92	0.237	S
F1A	20190624	Cloudy	Moderate	Mid-Ebb	S	1	9:30	8.45	10.03	21.9	29.3	3.24	2	92	0.224	S
F1A	20190624	Cloudy	Moderate	Mid-Ebb	S	1	9:30	8.46	9.69	20.6	29.4	2.67	4	92	0.232	S
H1	20190624	Cloudy	Moderate	Mid-Ebb	B	7.9	8:31	9.02	10.05	20.7	29.3	2.7	4	93	0.221	SE
H1	20190624	Cloudy	Moderate	Mid-Ebb	B	7.9	8:31	9.34	9.96	20.4	29.4	2.86	4	94	0.219	S
H1	20190624	Cloudy	Moderate	Mid-Ebb	M	4.5	8:32	8.11	10.02	20.9	29.3	2.85	2	93	0.14	SE
H1	20190624	Cloudy	Moderate	Mid-Ebb	M	4.5	8:32	9.96	9.84	21.2	29.3	2.98	3	93	0.11	SE
H1	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:33	9.78	10.37	20.6	29.5	3.18	3	93	0.101	SE
H1	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:33	9.93	10.4	22	29.3	2.73	3	93	0.211	S
M1	20190624	Cloudy	Moderate	Mid-Ebb	B	8.9	10:05	8.08	10.01	21.7	29.3	2.49	3	95	0.224	E
M1	20190624	Cloudy	Moderate	Mid-Ebb	B	8.9	10:05	9.86	10.2	21.7	29.5	2.47	3	92	0.1	SE
M1	20190624	Cloudy	Moderate	Mid-Ebb	M	5	10:06	8.23	10.01	21.7	29.4	2.74	3	92	0.198	S
M1	20190624	Cloudy	Moderate	Mid-Ebb	M	5	10:06	7.95	9.74	20.9	29.5	2.8	3	93	0.231	SE
M1	20190624	Cloudy	Moderate	Mid-Ebb	S	1	10:07	9.83	10.24	22.1	29.3	2.96	4	93	0.185	E
M1	20190624	Cloudy	Moderate	Mid-Ebb	S	1	10:07	9.6	9.88	21.1	29.4	2.89	5	93	0.2	SE
CR1	20190624	Cloudy	Moderate	Mid-Ebb	B	12.4	9:37	8.37	8.73	20.46	29.2	2.8	5	92	0.1	E
CR1	20190624	Cloudy	Moderate	Mid-Ebb	B	12.4	9:37	9.84	8.72	21.8	29.4	2.8	4	93	0.088	S
CR1	20190624	Cloudy	Moderate	Mid-Ebb	M	6.7	9:38	7.8	8.57	21.27	29.2	2.98	3	93	0.174	SE
CR1	20190624	Cloudy	Moderate	Mid-Ebb	M	6.7	9:38	9.27	8.92	20.82	29.5	2.55	4	93	0.237	SE
CR1	20190624	Cloudy	Moderate	Mid-Ebb	S	1	9:39	9.4	8.72	20.99	29.4	2.96	3	92	0.235	SE
CR1	20190624	Cloudy	Moderate	Mid-Ebb	S	1	9:39	8.48	8.98	22.41	29.2	3.07	2	92	0.24	E
CR2	20190624	Cloudy	Moderate	Mid-Ebb	B	9.9	9:14	9.61	8.52	21.42	29.3	2.73	3	93	0.098	S
CR2	20190624	Cloudy	Moderate	Mid-Ebb	B	9.9	9:14	7.77	8.73	20.43	29.4	2.77	3	93	0.175	S
CR2	20190624	Cloudy	Moderate	Mid-Ebb	M	5.5	9:15	8.9	9.04	21.02	29.5	2.92	3	93	0.243	SE
CR2	20190624	Cloudy	Moderate	Mid-Ebb	M	5.5	9:15	9.22	9.08	21.14	29.2	2.61	3	94	0.249	SE
CR2	20190624	Cloudy	Moderate	Mid-Ebb	S	1	9:16	7.69	8.85	20.33	29.5	3.16	4	93	0.136	SE
CR2	20190624	Cloudy	Moderate	Mid-Ebb	S	1	9:16	8.33	9.21	21.47	29.3	3.04	5	93	0.122	E
S1	20190624	Cloudy	Moderate	Mid-Ebb	B	4.3	8:33	9.19	9.04	20.44	29.3	3	<2	93	0.163	E
S1	20190624	Cloudy	Moderate	Mid-Ebb	B	4.3	8:33	9.37	8.72	22.16	29.2	2.73	<2	92	0.219	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	Direction in NESW
S1	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:34	9.37	8.62	21.05	29.4	3.17	2	93	0.13	E
S1	20190624	Cloudy	Moderate	Mid-Ebb	S	1	8:34	7.94	8.56	21.13	29.4	3.16	3	92	0.082	SE
S2A	20190624	Cloudy	Moderate	Mid-Ebb	B	8.2	9:00	8.75	8.8	21.38	29.5	3	4	92	0.207	SE
S2A	20190624	Cloudy	Moderate	Mid-Ebb	B	8.2	9:00	8.06	8.99	20.74	29.2	2.67	3	92	0.081	SE
S2A	20190624	Cloudy	Moderate	Mid-Ebb	M	4.6	9:01	8.03	8.86	21.06	29.5	2.56	4	93	0.233	SE
S2A	20190624	Cloudy	Moderate	Mid-Ebb	M	4.6	9:01	7.68	8.9	22.12	29.5	3.11	3	92	0.123	E
S2A	20190624	Cloudy	Moderate	Mid-Ebb	S	1	9:02	8.96	9.16	22.27	29.4	2.89	5	92	0.202	E
S2A	20190624	Cloudy	Moderate	Mid-Ebb	S	1	9:02	8.34	8.53	21.75	29.4	3.06	4	92	0.132	S
S3	20190624	Cloudy	Moderate	Mid-Ebb	B	9.9	9:24	8.41	8.67	22.21	29.5	2.88	4	92	0.132	S
S3	20190624	Cloudy	Moderate	Mid-Ebb	B	9.9	9:24	8.62	9.14	22.19	29.4	2.98	5	94	0.182	SE
S3	20190624	Cloudy	Moderate	Mid-Ebb	M	5.5	9:25	9.23	8.88	22.06	29.4	2.88	4	92	0.157	SE
S3	20190624	Cloudy	Moderate	Mid-Ebb	M	5.5	9:25	9.62	8.57	20.28	29.3	3.12	3	92	0.099	SE
S3	20190624	Cloudy	Moderate	Mid-Ebb	S	1	9:26	8.49	9.17	21.95	29.4	3.04	3	93	0.191	SE
S3	20190624	Cloudy	Moderate	Mid-Ebb	S	1	9:26	7.5	8.7	21.08	29.3	3	2	92	0.09	SE
B1	20190624	Cloudy	Moderate	Mid-Flood	B	4.5	15:23	9.98	8.89	20.8	29.2	2.9	4	93	0.231	W
B1	20190624	Cloudy	Moderate	Mid-Flood	B	4.5	15:23	7.65	8.63	20.9	29.2	2.46	5	94	0.286	W
B1	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:24	7.99	8.45	19.1	29.3	2.9	5	92	0.237	NW
B1	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:24	8.93	8.87	19.9	29.0	2.98	5	93	0.186	NW
B2	20190624	Cloudy	Moderate	Mid-Flood	B	3.5	15:43	8.46	8.45	21.4	29.1	2.56	4	92	0.265	SW
B2	20190624	Cloudy	Moderate	Mid-Flood	B	3.5	15:43	9.49	9.21	20.5	29.0	2.83	3	93	0.188	W
B2	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:44	9.38	8.83	21.4	29.1	2.28	4	94	0.168	W
B2	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:44	8.06	8.91	20.5	29.2	2.55	4	92	0.264	SW
B3	20190624	Cloudy	Moderate	Mid-Flood	B	3.3	15:30	9.67	10.88	18.9	29.3	2.89	5	91	0.239	SW
B3	20190624	Cloudy	Moderate	Mid-Flood	B	3.3	15:30	7.87	10.54	18.1	29.3	3.08	6	91	0.19	W
B3	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:31	7.65	10.79	21.9	29.3	3.07	4	91	0.173	NW
B3	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:31	9.62	10.8	18.9	29.3	2.94	4	91	0.268	NW
B4	20190624	Cloudy	Moderate	Mid-Flood	B	3.7	15:41	7.55	10.71	19.6	29.2	2.8	5	92	0.238	W
B4	20190624	Cloudy	Moderate	Mid-Flood	B	3.7	15:41	8.23	10.8	23	29.2	2.83	5	89	0.292	SW
B4	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:42	7.7	10.74	21.2	29.2	2.83	5	90	0.205	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	Direction in NESW
B4	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:42	6.99	10.7	22.8	29.2	2.65	5	91	0.154	SW
C1A	20190624	Cloudy	Moderate	Mid-Flood	B	10.9	14:58	9.51	8.53	21.3	29.1	2.43	3	93	0.152	W
C1A	20190624	Cloudy	Moderate	Mid-Flood	B	10.9	14:58	9.22	8.5	21.4	29.1	2.58	3	92	0.244	NW
C1A	20190624	Cloudy	Moderate	Mid-Flood	M	6	14:59	7.97	8.7	20.5	29.1	2.15	4	92	0.19	W
C1A	20190624	Cloudy	Moderate	Mid-Flood	M	6	14:59	9.19	8.94	21.4	29.0	2.22	4	90	0.195	W
C1A	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:00	8.36	8.45	20.2	29.2	2.35	4	91	0.152	SW
C1A	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:00	9.07	8.43	20.9	29.0	2.06	5	90	0.202	SW
C2A	20190624	Cloudy	Moderate	Mid-Flood	B	10.5	14:58	7.47	10.46	21.9	29.2	3.83	5	93	0.151	SW
C2A	20190624	Cloudy	Moderate	Mid-Flood	B	10.5	14:58	7.57	10.47	21.9	29.2	3.59	4	92	0.248	SW
C2A	20190624	Cloudy	Moderate	Mid-Flood	M	5.8	14:59	9.34	10.75	21.9	29.2	4.42	6	93	0.199	W
C2A	20190624	Cloudy	Moderate	Mid-Flood	M	5.8	14:59	9.55	10.51	21.9	29.2	3.85	7	93	0.207	NW
C2A	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:00	8.66	10.91	21.8	29.2	4.63	8	93	0.29	NW
C2A	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:00	9.95	10.8	21.9	29.2	4.25	7	92	0.214	W
F1A	20190624	Cloudy	Moderate	Mid-Flood	B	6.8	16:05	9.11	9.85	20.6	29.2	2.78	5	92	0.184	W
F1A	20190624	Cloudy	Moderate	Mid-Flood	B	6.8	16:05	7.7	10.76	21	29.1	2.16	5	92	0.189	SW
F1A	20190624	Cloudy	Moderate	Mid-Flood	M	3.9	16:06	8.01	10.54	18.4	29.2	2.69	6	92	0.139	NW
F1A	20190624	Cloudy	Moderate	Mid-Flood	M	3.9	16:06	7.41	10.58	16.9	29.1	2.49	7	92	0.161	W
F1A	20190624	Cloudy	Moderate	Mid-Flood	S	1	16:07	8.55	10.73	20.2	29.1	2.53	7	94	0.204	W
F1A	20190624	Cloudy	Moderate	Mid-Flood	S	1	16:07	7.64	10.68	23.7	29.1	2.69	6	92	0.137	SW
H1	20190624	Cloudy	Moderate	Mid-Flood	B	7.3	15:15	7.36	10.86	21.7	29.2	3.77	4	90	0.206	W
H1	20190624	Cloudy	Moderate	Mid-Flood	B	7.3	15:15	7.46	10.16	18.6	29.2	3.06	4	90	0.15	W
H1	20190624	Cloudy	Moderate	Mid-Flood	M	4.2	15:16	7.78	10.53	17	29.2	3.71	4	91	0.159	W
H1	20190624	Cloudy	Moderate	Mid-Flood	M	4.2	15:16	7.69	11.09	19.5	29.3	3.1	4	91	0.139	W
H1	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:17	6.46	9.78	22.8	29.2	3.39	5	92	0.259	NW
H1	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:17	7.78	10.66	22.7	29.2	2.7	5	92	0.215	NW
M1	20190624	Cloudy	Moderate	Mid-Flood	B	6.7	16:36	9.83	10.55	20.4	29.1	2.38	5	93	0.241	W
M1	20190624	Cloudy	Moderate	Mid-Flood	B	6.7	16:36	7.41	10.59	20.2	29.2	2.6	5	92	0.242	W
M1	20190624	Cloudy	Moderate	Mid-Flood	M	3.9	16:37	8.64	10.28	17.9	29.1	2.51	4	92	0.207	W
M1	20190624	Cloudy	Moderate	Mid-Flood	M	3.9	16:37	8.39	10.41	21.8	29.1	2.41	4	92	0.26	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	Direction in NESW
M1	20190624	Cloudy	Moderate	Mid-Flood	S	1	16:38	8.47	10.56	21	29.1	2.36	4	94	0.177	SW
M1	20190624	Cloudy	Moderate	Mid-Flood	S	1	16:38	9.61	10.47	18.1	29.1	2.3	4	93	0.232	SW
CR1	20190624	Cloudy	Moderate	Mid-Flood	B	11.7	16:36	7.65	8.82	20.3	29.3	2.41	4	92	0.151	W
CR1	20190624	Cloudy	Moderate	Mid-Flood	B	11.7	16:36	9.23	8.81	20.6	29.2	2.85	4	92	0.232	W
CR1	20190624	Cloudy	Moderate	Mid-Flood	M	6.4	16:37	8.43	8.59	20.8	29.1	2.34	3	92	0.281	W
CR1	20190624	Cloudy	Moderate	Mid-Flood	M	6.4	16:37	8.21	8.93	21.4	29.3	2.44	4	92	0.15	W
CR1	20190624	Cloudy	Moderate	Mid-Flood	S	1	16:38	8.11	9.1	20.2	29.1	2.51	4	92	0.27	SW
CR1	20190624	Cloudy	Moderate	Mid-Flood	S	1	16:38	9.24	8.98	20.6	29.1	2.89	4	93	0.232	W
CR2	20190624	Cloudy	Moderate	Mid-Flood	B	9.9	16:13	8.87	9.07	21.3	29.2	2.87	4	92	0.189	NW
CR2	20190624	Cloudy	Moderate	Mid-Flood	B	9.9	16:13	8.4	9.1	20.4	29.2	2.82	2	92	0.166	NW
CR2	20190624	Cloudy	Moderate	Mid-Flood	M	5.5	16:14	7.67	9.11	21.3	29.2	2.74	3	92	0.263	W
CR2	20190624	Cloudy	Moderate	Mid-Flood	M	5.5	16:14	8.23	8.92	21.3	29.1	3.1	3	92	0.236	NW
CR2	20190624	Cloudy	Moderate	Mid-Flood	S	1	16:15	9.91	8.43	20.9	29.1	3.1	4	92	0.129	SW
CR2	20190624	Cloudy	Moderate	Mid-Flood	S	1	16:15	7.66	8.68	20.4	29.0	2.82	3	93	0.151	SW
S1	20190624	Cloudy	Moderate	Mid-Flood	B	4.7	15:32	8.49	9.06	21	29.1	2.27	7	92	0.167	W
S1	20190624	Cloudy	Moderate	Mid-Flood	B	4.7	15:32	8.29	8.99	21	29.1	2.45	8	93	0.288	W
S1	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:33	8.73	8.43	20.9	29.1	2.52	7	92	0.204	W
S1	20190624	Cloudy	Moderate	Mid-Flood	S	1	15:33	9.3	9.08	20.8	29.2	2.79	6	94	0.203	NW
S2A	20190624	Cloudy	Moderate	Mid-Flood	B	8.5	15:59	9.69	8.59	20.9	29.0	2.32	5	92	0.246	W
S2A	20190624	Cloudy	Moderate	Mid-Flood	B	8.5	15:59	8.1	8.81	20.9	29.2	2.39	4	92	0.197	NW
S2A	20190624	Cloudy	Moderate	Mid-Flood	M	4.8	16:00	7.69	8.47	20.5	29.3	2.56	7	92	0.176	SW
S2A	20190624	Cloudy	Moderate	Mid-Flood	M	4.8	16:00	9.65	9.07	20.5	29.1	2.53	6	92	0.286	W
S2A	20190624	Cloudy	Moderate	Mid-Flood	S	1	16:01	9.53	8.6	20.2	29.2	2.29	8	93	0.129	SW
S2A	20190624	Cloudy	Moderate	Mid-Flood	S	1	16:01	9.57	8.68	20.9	29.1	2.47	9	92	0.287	NW
S3	20190624	Cloudy	Moderate	Mid-Flood	B	8.9	16:23	8.91	9.11	21.4	29.3	2.36	3	92	0.14	NW
S3	20190624	Cloudy	Moderate	Mid-Flood	B	8.9	16:23	8.82	9.06	20.6	29.2	1.9	2	93	0.246	SW
S3	20190624	Cloudy	Moderate	Mid-Flood	M	5	16:24	8.09	8.86	20.9	29.1	1.92	3	92	0.275	NW
S3	20190624	Cloudy	Moderate	Mid-Flood	M	5	16:24	9.26	8.79	21.3	29.3	1.95	3	92	0.153	SW
S3	20190624	Cloudy	Moderate	Mid-Flood	S	1	16:25	7.62	8.49	20.4	29.1	2.03	4	92	0.261	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	Direction in NESW
S3	20190624	Cloudy	Moderate	Mid-Flood	S	1	16:25	9.46	8.64	20.8	29.1	1.78	2	94	0.148	W
B1	20190626	Cloudy	Moderate	Mid-Ebb	B	3.6	14:02	7.45	9	22	30.0	2.57	7	93	0.18	S
B1	20190626	Cloudy	Moderate	Mid-Ebb	B	3.6	14:02	8.04	8.33	21.9	29.9	2.67	6	92	0.137	S
B1	20190626	Cloudy	Moderate	Mid-Ebb	S	1	14:03	7.51	8.56	22.3	30.0	2.41	6	92	0.188	E
B1	20190626	Cloudy	Moderate	Mid-Ebb	S	1	14:03	8.12	8.38	21.8	30.2	2.25	5	93	0.166	SE
B2	20190626	Cloudy	Moderate	Mid-Ebb	B	4.1	14:23	8.17	8.2	21	30.0	2.62	7	93	0.235	SE
B2	20190626	Cloudy	Moderate	Mid-Ebb	B	4.1	14:23	8.18	8.95	20.8	30.1	1.99	8	93	0.186	E
B2	20190626	Cloudy	Moderate	Mid-Ebb	S	1	14:24	8.1	8.94	22.1	30.1	2.44	6	92	0.078	E
B2	20190626	Cloudy	Moderate	Mid-Ebb	S	1	14:24	7.44	8.5	21.6	30.1	2.35	7	92	0.194	S
B3	20190626	Cloudy	Moderate	Mid-Ebb	B	4.2	11:50	9.61	8.37	17.2	29.7	2.53	6	94	0.144	SE
B3	20190626	Cloudy	Moderate	Mid-Ebb	B	4.2	11:50	9.83	8.3	17.2	29.8	2.56	7	92	0.166	E
B3	20190626	Cloudy	Moderate	Mid-Ebb	S	1	11:51	8.05	8.91	17	29.9	2.73	6	92	0.146	E
B3	20190626	Cloudy	Moderate	Mid-Ebb	S	1	11:51	8.06	8.54	17	29.7	2.91	6	94	0.135	SE
B4	20190626	Cloudy	Moderate	Mid-Ebb	B	4	12:00	9.97	8.58	18.6	29.8	2.53	5	93	0.128	SE
B4	20190626	Cloudy	Moderate	Mid-Ebb	B	4	12:00	7.72	8.4	18.8	29.9	2.81	6	92	0.098	E
B4	20190626	Cloudy	Moderate	Mid-Ebb	S	1	12:01	7.94	8.28	18.5	29.6	3.15	5	91	0.131	SE
B4	20190626	Cloudy	Moderate	Mid-Ebb	S	1	12:01	9.55	8.21	19.3	29.9	3.18	6	93	0.096	E
C1A	20190626	Cloudy	Moderate	Mid-Ebb	B	8.7	10:29	8.75	8.83	18.5	29.5	3.68	7	95	0.251	S
C1A	20190626	Cloudy	Moderate	Mid-Ebb	B	8.7	10:29	9.78	8.51	18.8	29.6	3.26	7	92	0.174	SE
C1A	20190626	Cloudy	Moderate	Mid-Ebb	M	4.9	10:30	7.51	8.76	18.6	29.4	3.21	5	92	0.185	S
C1A	20190626	Cloudy	Moderate	Mid-Ebb	M	4.9	10:30	9.55	8.69	18.4	29.6	3.04	5	92	0.201	SE
C1A	20190626	Cloudy	Moderate	Mid-Ebb	S	1	10:31	8.25	8.41	18.9	29.6	3.78	5	92	0.234	S
C1A	20190626	Cloudy	Moderate	Mid-Ebb	S	1	10:31	10	9.02	18.7	29.4	3.85	5	93	0.209	SE
C2A	20190626	Cloudy	Moderate	Mid-Ebb	B	10.5	12:16	9.96	8.54	18.4	29.9	2.52	7	93	0.202	SE
C2A	20190626	Cloudy	Moderate	Mid-Ebb	B	10.5	12:16	8.63	8.24	19.6	29.7	2.44	6	94	0.11	E
C2A	20190626	Cloudy	Moderate	Mid-Ebb	M	5.8	12:17	9.02	8.21	19.5	29.7	3.04	6	91	0.219	S
C2A	20190626	Cloudy	Moderate	Mid-Ebb	M	5.8	12:17	9.47	8.76	19.3	29.8	2.83	6	92	0.136	S
C2A	20190626	Cloudy	Moderate	Mid-Ebb	S	1	12:18	7.95	8.87	19.4	29.6	2.75	5	91	0.102	S
C2A	20190626	Cloudy	Moderate	Mid-Ebb	S	1	12:18	7.84	9	19.2	29.8	2.76	6	92	0.207	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	Direction in NESW
CR1	20190626	Cloudy	Moderate	Mid-Ebb	B	11.8	11:05	8.05	8.36	19.4	29.5	2.43	6	94	0.08	S
CR1	20190626	Cloudy	Moderate	Mid-Ebb	B	11.8	11:05	7.81	8.7	18.8	29.5	3.01	7	94	0.176	E
CR1	20190626	Cloudy	Moderate	Mid-Ebb	M	6.4	11:06	8.73	8.57	19.4	29.5	3.05	5	93	0.219	E
CR1	20190626	Cloudy	Moderate	Mid-Ebb	M	6.4	11:06	7.67	8.64	19.4	29.6	3.05	6	93	0.22	E
CR1	20190626	Cloudy	Moderate	Mid-Ebb	S	1	11:07	9.3	9	18.5	29.7	3.1	5	94	0.158	E
CR1	20190626	Cloudy	Moderate	Mid-Ebb	S	1	11:07	8.1	8.83	18.7	29.6	2.85	4	94	0.154	SE
CR2	20190626	Cloudy	Moderate	Mid-Ebb	B	10.7	11:17	8.24	8.88	18.8	29.6	2.87	8	93	0.23	S
CR2	20190626	Cloudy	Moderate	Mid-Ebb	B	10.7	11:17	9.75	8.99	18.6	29.6	2.65	7	95	0.199	SE
CR2	20190626	Cloudy	Moderate	Mid-Ebb	M	5.9	11:18	8.4	8.46	18.7	29.5	2.95	7	93	0.182	SE
CR2	20190626	Cloudy	Moderate	Mid-Ebb	M	5.9	11:18	8.59	8.6	19.1	29.8	3.06	7	94	0.114	S
CR2	20190626	Cloudy	Moderate	Mid-Ebb	S	1	11:19	7.8	8.37	18.7	29.8	2.97	7	93	0.243	SE
CR2	20190626	Cloudy	Moderate	Mid-Ebb	S	1	11:19	9.84	8.34	19.2	29.6	3.08	8	93	0.104	SE
F1A	20190626	Cloudy	Moderate	Mid-Ebb	B	7	12:39	8.03	8.41	19.6	29.6	2.46	6	93	0.086	S
F1A	20190626	Cloudy	Moderate	Mid-Ebb	B	7	12:39	8.79	8.66	19.3	29.7	2.62	6	93	0.168	S
F1A	20190626	Cloudy	Moderate	Mid-Ebb	M	4	12:40	8.46	8.46	20	29.6	2.68	7	93	0.1	SE
F1A	20190626	Cloudy	Moderate	Mid-Ebb	M	4	12:40	8.08	8.22	19.2	29.7	2.65	6	94	0.124	SE
F1A	20190626	Cloudy	Moderate	Mid-Ebb	S	1	12:41	9.25	8.84	19.9	29.9	3.18	6	92	0.11	SE
F1A	20190626	Cloudy	Moderate	Mid-Ebb	S	1	12:41	7.54	8.71	19.3	29.9	3.02	6	92	0.078	E
H1	20190626	Cloudy	Moderate	Mid-Ebb	B	7.3	11:36	7.97	8.48	18.7	29.7	2.71	8	93	0.145	E
H1	20190626	Cloudy	Moderate	Mid-Ebb	B	7.3	11:36	9.77	8.82	19.6	29.8	2.73	6	93	0.13	SE
H1	20190626	Cloudy	Moderate	Mid-Ebb	M	4.2	11:37	7.74	8.21	19	29.7	2.74	6	92	0.16	S
H1	20190626	Cloudy	Moderate	Mid-Ebb	M	4.2	11:37	8.5	8.3	18.9	29.5	3.11	6	94	0.099	SE
H1	20190626	Cloudy	Moderate	Mid-Ebb	S	1	11:38	9.05	9.01	19.1	29.6	2.87	6	94	0.109	E
H1	20190626	Cloudy	Moderate	Mid-Ebb	S	1	11:38	8.91	8.7	19.1	29.6	2.88	6	92	0.244	S
M1	20190626	Cloudy	Moderate	Mid-Ebb	B	8.6	13:15	8.84	8.68	19.3	29.8	2.95	10	93	0.211	S
M1	20190626	Cloudy	Moderate	Mid-Ebb	B	8.6	13:15	7.98	8.26	19.7	30.0	2.45	11	93	0.106	S
M1	20190626	Cloudy	Moderate	Mid-Ebb	M	4.8	13:16	9.56	9	19.3	29.8	2.88	8	93	0.085	SE
M1	20190626	Cloudy	Moderate	Mid-Ebb	M	4.8	13:16	9.91	8.87	19	29.7	2.8	8	93	0.092	E
M1	20190626	Cloudy	Moderate	Mid-Ebb	S	1	13:17	8.09	8.7	19.1	29.8	2.99	6	93	0.218	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	Direction in NESW
M1	20190626	Cloudy	Moderate	Mid-Ebb	S	1	13:17	8.81	8.51	19.1	30.0	3.11	7	93	0.174	SE
S1	20190626	Cloudy	Moderate	Mid-Ebb	B	3.8	14:12	9.23	8.9	22.1	30.1	2.3	6	94	0.175	SE
S1	20190626	Cloudy	Moderate	Mid-Ebb	B	3.8	14:12	8.25	8.4	20.3	30.0	2.03	5	94	0.081	S
S1	20190626	Cloudy	Moderate	Mid-Ebb	S	1	14:13	8.81	8.23	20.8	30.1	2.2	5	94	0.139	SE
S1	20190626	Cloudy	Moderate	Mid-Ebb	S	1	14:13	9.14	8.65	22.2	30.2	2.26	5	94	0.208	E
S2A	20190626	Cloudy	Moderate	Mid-Ebb	B	8.5	10:32	8.18	8.41	21	29.7	1.99	7	93	0.167	SE
S2A	20190626	Cloudy	Moderate	Mid-Ebb	B	8.5	10:32	9.55	8.39	21.4	29.5	2.21	6	93	0.211	S
S2A	20190626	Cloudy	Moderate	Mid-Ebb	M	4.8	10:33	7.85	8.78	20.2	29.6	1.99	6	93	0.19	E
S2A	20190626	Cloudy	Moderate	Mid-Ebb	M	4.8	10:33	9.2	8.86	20.8	29.6	2.09	7	92	0.241	S
S2A	20190626	Cloudy	Moderate	Mid-Ebb	S	1	10:34	8.73	9.02	21.5	29.6	2.06	3	93	0.206	E
S2A	20190626	Cloudy	Moderate	Mid-Ebb	S	1	10:34	9.88	8.56	22.4	29.5	2.25	4	93	0.156	SE
S3	20190626	Cloudy	Moderate	Mid-Ebb	B	9.5	11:26	7.8	8.91	19.5	29.6	2.45	6	94	0.145	S
S3	20190626	Cloudy	Moderate	Mid-Ebb	B	9.5	11:26	9.1	8.36	18.4	29.8	2.62	5	94	0.251	S
S3	20190626	Cloudy	Moderate	Mid-Ebb	M	5.3	11:27	8.56	8.3	18.5	29.7	3	4	92	0.212	SE
S3	20190626	Cloudy	Moderate	Mid-Ebb	M	5.3	11:27	7.59	8.39	19.1	29.5	2.63	4	94	0.213	SE
S3	20190626	Cloudy	Moderate	Mid-Ebb	S	1	11:28	8.39	8.21	19.1	29.7	3.2	4	94	0.167	E
S3	20190626	Cloudy	Moderate	Mid-Ebb	S	1	11:28	8.86	8.67	19.1	29.7	2.89	4	92	0.096	S
B1	20190626	Cloudy	Moderate	Mid-Flood	B	4.1	16:52	8.94	8.41	20.3	29.3	1.94	5	94	0.196	W
B1	20190626	Cloudy	Moderate	Mid-Flood	B	4.1	16:52	8.91	8.72	20.9	29.1	1.87	4	94	0.128	W
B1	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:53	9.94	8.84	21.1	29.2	1.86	4	95	0.193	W
B1	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:53	8.89	8.75	20.4	29.1	2.07	5	94	0.234	W
B2	20190626	Cloudy	Moderate	Mid-Flood	B	4.1	17:14	7.68	9	21	29.3	2.27	5	93	0.286	W
B2	20190626	Cloudy	Moderate	Mid-Flood	B	4.1	17:14	9.55	8.68	20.6	29.3	1.9	6	96	0.184	W
B2	20190626	Cloudy	Moderate	Mid-Flood	S	1	17:15	9.71	8.33	20.9	29.2	2.22	5	94	0.273	W
B2	20190626	Cloudy	Moderate	Mid-Flood	S	1	17:15	8.45	8.75	21.4	29.3	2.25	5	94	0.275	SW
B3	20190626	Cloudy	Moderate	Mid-Flood	B	3.7	16:35	8.1	8.49	21.4	29.2	2.58	6	94	0.175	W
B3	20190626	Cloudy	Moderate	Mid-Flood	B	3.7	16:35	8.77	8.31	20.5	29.3	2.36	6	94	0.29	W
B3	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:36	9.12	8.99	21.1	29.2	2.93	6	94	0.155	W
B3	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:36	9.7	8.43	20.6	29.3	2.71	5	94	0.133	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	Direction in NESW
B4	20190626	Cloudy	Moderate	Mid-Flood	B	3.7	16:46	8.2	8.5	20.4	29.0	2.64	6	93	0.282	W
B4	20190626	Cloudy	Moderate	Mid-Flood	B	3.7	16:46	8.52	9.01	20.2	29.1	2.76	4	94	0.195	SW
B4	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:47	9.68	8.33	20.3	29.2	3.18	4	94	0.23	SW
B4	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:47	9.22	8.45	20.8	29.2	3.05	5	94	0.254	SW
C1A	20190626	Cloudy	Moderate	Mid-Flood	B	9.9	16:26	9.03	9.04	20.2	29.3	2.66	3	94	0.156	W
C1A	20190626	Cloudy	Moderate	Mid-Flood	B	9.9	16:26	8.68	8.64	20.2	29.1	1.91	3	94	0.216	W
C1A	20190626	Cloudy	Moderate	Mid-Flood	M	5.5	16:27	9.53	8.3	21.3	29.1	2.59	4	94	0.25	NW
C1A	20190626	Cloudy	Moderate	Mid-Flood	M	5.5	16:27	7.98	8.67	20.5	29.2	2.01	3	94	0.216	W
C1A	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:28	8.09	8.86	20.2	29.2	2.15	4	94	0.231	NW
C1A	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:28	8.18	8.35	21	29.2	2.05	3	94	0.291	W
C2A	20190626	Cloudy	Moderate	Mid-Flood	B	10.4	15:36	7.67	8.48	21.3	29.0	2.65	5	94	0.147	SW
C2A	20190626	Cloudy	Moderate	Mid-Flood	B	10.4	15:36	8.03	8.7	20.2	29.1	2.91	5	94	0.29	W
C2A	20190626	Cloudy	Moderate	Mid-Flood	M	5.7	15:37	9.59	8.46	21.1	29.1	2.83	3	94	0.251	W
C2A	20190626	Cloudy	Moderate	Mid-Flood	M	5.7	15:37	8.21	8.86	21	29.1	2.93	4	93	0.292	NW
C2A	20190626	Cloudy	Moderate	Mid-Flood	S	1	15:38	8.92	8.51	20.9	29.3	2.83	3	93	0.158	SW
C2A	20190626	Cloudy	Moderate	Mid-Flood	S	1	15:38	9.16	8.5	20.9	29.2	3.05	4	94	0.223	NW
CR1	20190626	Cloudy	Moderate	Mid-Flood	B	11.2	15:49	9.07	8.3	21.1	29.1	2.51	6	93	0.157	SW
CR1	20190626	Cloudy	Moderate	Mid-Flood	B	11.2	15:49	7.65	8.35	21.2	29.3	2.75	6	92	0.187	NW
CR1	20190626	Cloudy	Moderate	Mid-Flood	M	6.1	15:50	8.35	8.53	20.4	29.3	2.98	6	93	0.255	W
CR1	20190626	Cloudy	Moderate	Mid-Flood	M	6.1	15:50	8.97	9.03	21.3	29.0	2.8	7	94	0.263	NW
CR1	20190626	Cloudy	Moderate	Mid-Flood	S	1	15:51	8.5	8.39	20.7	29.1	3.07	6	94	0.183	W
CR1	20190626	Cloudy	Moderate	Mid-Flood	S	1	15:51	8.91	8.88	20.3	29.1	2.68	7	92	0.191	W
CR2	20190626	Cloudy	Moderate	Mid-Flood	B	10.2	16:01	7.77	8.36	21.1	29.1	2.87	6	94	0.256	W
CR2	20190626	Cloudy	Moderate	Mid-Flood	B	10.2	16:01	8.97	9.03	21	29.0	2.33	4	92	0.21	W
CR2	20190626	Cloudy	Moderate	Mid-Flood	M	5.6	16:02	9.01	8.78	20.6	29.0	2.6	4	93	0.197	W
CR2	20190626	Cloudy	Moderate	Mid-Flood	M	5.6	16:02	7.95	8.3	21.3	29.1	2.78	4	92	0.221	W
CR2	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:03	7.77	8.46	20.5	29.2	2.76	4	92	0.135	W
CR2	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:03	9.16	8.92	21	29.2	2.68	3	93	0.25	W
F1A	20190626	Cloudy	Moderate	Mid-Flood	B	7.7	17:12	9.02	8.61	21.1	29.0	2.83	5	94	0.172	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
F1A	20190626	Cloudy	Moderate	Mid-Flood	B	7.7	17:12	8.05	8.38	21.4	29.1	2.37	6	95	0.205	SW
F1A	20190626	Cloudy	Moderate	Mid-Flood	M	4.4	17:13	8.4	9.02	21.3	29.0	2.59	6	94	0.225	NW
F1A	20190626	Cloudy	Moderate	Mid-Flood	M	4.4	17:13	9.7	8.39	20.4	29.2	2.9	6	93	0.206	W
F1A	20190626	Cloudy	Moderate	Mid-Flood	S	1	17:14	8.49	8.42	21.3	29.1	2.79	4	94	0.134	W
F1A	20190626	Cloudy	Moderate	Mid-Flood	S	1	17:14	9.11	8.55	20.3	29.1	2.83	5	94	0.128	SW
H1	20190626	Cloudy	Moderate	Mid-Flood	B	7.5	16:22	8.55	8.79	21.2	29.1	2.87	4	93	0.244	W
H1	20190626	Cloudy	Moderate	Mid-Flood	B	7.5	16:22	9.76	8.92	21.3	29.1	2.6	6	93	0.16	SW
H1	20190626	Cloudy	Moderate	Mid-Flood	M	4.3	16:23	8.66	8.69	20.6	29.3	2.68	3	94	0.168	W
H1	20190626	Cloudy	Moderate	Mid-Flood	M	4.3	16:23	8.29	8.67	20.2	29.1	2.88	4	94	0.243	W
H1	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:24	8.79	8.85	21.4	29.1	3.16	3	94	0.21	W
H1	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:24	9.64	8.97	20.9	29.2	2.98	4	95	0.256	NW
M1	20190626	Cloudy	Moderate	Mid-Flood	B	6.5	17:46	9.09	8.98	20.3	29.1	2.47	6	92	0.255	SW
M1	20190626	Cloudy	Moderate	Mid-Flood	B	6.5	17:46	9.22	9.01	21	29.2	2.91	6	95	0.166	SW
M1	20190626	Cloudy	Moderate	Mid-Flood	M	3.8	17:47	7.77	8.81	21	29.0	2.74	5	93	0.247	W
M1	20190626	Cloudy	Moderate	Mid-Flood	M	3.8	17:47	9.37	8.41	20.4	29.0	2.66	6	93	0.271	W
M1	20190626	Cloudy	Moderate	Mid-Flood	S	1	17:48	9.25	8.77	21	29.3	2.8	4	93	0.176	NW
M1	20190626	Cloudy	Moderate	Mid-Flood	S	1	17:48	8.62	8.37	20.8	29.1	2.76	5	93	0.138	W
S1	20190626	Cloudy	Moderate	Mid-Flood	B	4	17:02	8.16	8.67	21	29.2	2.23	6	94	0.239	W
S1	20190626	Cloudy	Moderate	Mid-Flood	B	4	17:02	9.82	8.82	21.1	29.2	2.43	7	94	0.283	NW
S1	20190626	Cloudy	Moderate	Mid-Flood	S	1	17:03	9.74	8.41	21.1	29.1	2.21	6	94	0.147	NW
S1	20190626	Cloudy	Moderate	Mid-Flood	S	1	17:03	7.74	8.69	20.4	29.2	2.42	5	94	0.247	W
S2A	20190626	Cloudy	Moderate	Mid-Flood	B	8.2	17:32	9.06	8.84	21.3	29.2	2.08	6	94	0.167	W
S2A	20190626	Cloudy	Moderate	Mid-Flood	B	8.2	17:32	9.07	9.02	21.3	29.1	2.57	7	94	0.249	W
S2A	20190626	Cloudy	Moderate	Mid-Flood	M	4.6	17:33	8.06	8.53	21	29.3	2.42	6	95	0.277	SW
S2A	20190626	Cloudy	Moderate	Mid-Flood	M	4.6	17:33	9.81	8.65	20.2	29.1	2.12	4	93	0.272	W
S2A	20190626	Cloudy	Moderate	Mid-Flood	S	1	17:34	9.94	8.59	21.4	29.2	2.42	5	94	0.135	NW
S2A	20190626	Cloudy	Moderate	Mid-Flood	S	1	17:34	8.11	8.62	20.8	29.3	2.31	6	94	0.165	W
S3	20190626	Cloudy	Moderate	Mid-Flood	B	9.4	16:11	8.23	8.32	20.5	29.2	2.7	6	94	0.206	W
S3	20190626	Cloudy	Moderate	Mid-Flood	B	9.4	16:11	9.63	8.64	20.3	29.3	2.77	6	93	0.205	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	Direction in NESW
S3	20190626	Cloudy	Moderate	Mid-Flood	M	5.2	16:12	9.52	8.93	20.7	29.2	2.68	6	93	0.188	NW
S3	20190626	Cloudy	Moderate	Mid-Flood	M	5.2	16:12	9.85	8.9	20.8	29.0	3.13	6	94	0.132	NW
S3	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:13	8.53	8.75	20.6	29.1	3.19	4	94	0.161	NW
S3	20190626	Cloudy	Moderate	Mid-Flood	S	1	16:13	8.81	8.89	20.9	29.1	3.19	4	94	0.164	NW
B1	20190628	Cloudy	Moderte	Mid-Ebb	B	4.2	8:32	7.9	8.48	20.7	29.0	2.39	6	88	0.207	S
B1	20190628	Cloudy	Moderte	Mid-Ebb	B	4.2	8:32	9.04	8.91	21.9	29.0	2.57	6	88	0.089	E
B1	20190628	Cloudy	Moderte	Mid-Ebb	S	1	8:33	9.45	8.75	22.3	29.0	1.71	6	92	0.123	S
B1	20190628	Cloudy	Moderte	Mid-Ebb	S	1	8:33	9.96	8.25	20.2	29.0	2.17	5	89	0.107	SE
B2	20190628	Cloudy	Moderte	Mid-Ebb	B	4.1	8:51	8.22	8.82	22.4	28.9	2.15	4	90	0.212	S
B2	20190628	Cloudy	Moderte	Mid-Ebb	B	4.1	8:51	9.94	8.21	22.3	28.9	2.01	4	92	0.085	S
B2	20190628	Cloudy	Moderte	Mid-Ebb	S	1	8:52	7.76	8.59	22.2	29.0	2.16	2	90	0.138	SE
B2	20190628	Cloudy	Moderte	Mid-Ebb	S	1	8:52	8.43	8.21	22.3	29.0	2.3	3	92	0.212	E
B3	20190628	Cloudy	Moderte	Mid-Ebb	B	3.5	9:31	8.63	8.94	21.9	29.1	2.6	6	94	0.131	SE
B3	20190628	Cloudy	Moderte	Mid-Ebb	B	3.5	9:31	7.97	8.24	21	29.2	2.91	5	92	0.18	SE
B3	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:32	8.3	8.75	21.2	29.1	3.17	3	93	0.169	S
B3	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:32	7.71	9.03	21.2	29.1	3.13	2	94	0.183	SE
B4	20190628	Cloudy	Moderte	Mid-Ebb	B	3.2	9:43	8.44	8.28	20.5	29.1	2.75	8	93	0.199	S
B4	20190628	Cloudy	Moderte	Mid-Ebb	B	3.2	9:43	7.86	8.42	22.3	29.3	2.89	8	94	0.239	S
B4	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:44	9.79	8.99	22.1	29.1	3.1	8	92	0.171	SE
B4	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:44	7.64	9.03	20.7	29.2	3.12	8	91	0.215	E
C1A	20190628	Cloudy	Moderte	Mid-Ebb	B	8.5	8:08	7.77	8.57	20.3	28.8	2.48	4	93	0.137	SE
C1A	20190628	Cloudy	Moderte	Mid-Ebb	B	8.5	8:08	10.01	8.5	20.4	28.8	2.09	4	93	0.25	SE
C1A	20190628	Cloudy	Moderte	Mid-Ebb	M	4.8	8:09	9.72	8.32	21.2	28.7	1.78	4	90	0.212	E
C1A	20190628	Cloudy	Moderte	Mid-Ebb	M	4.8	8:09	9.11	8.27	20.2	28.7	1.8	5	93	0.219	SE
C1A	20190628	Cloudy	Moderte	Mid-Ebb	S	1	8:10	8.4	8.71	20.2	28.9	2.07	5	93	0.17	S
C1A	20190628	Cloudy	Moderte	Mid-Ebb	S	1	8:10	8.6	8.95	21.4	28.8	1.85	4	93	0.249	S
C2A	20190628	Cloudy	Moderte	Mid-Ebb	B	11.2	8:56	9.84	9.04	22.3	29.0	2.9	5	91	0.105	S
C2A	20190628	Cloudy	Moderte	Mid-Ebb	B	11.2	8:56	8.08	8.4	20.2	28.9	2.73	4	93	0.109	SE
C2A	20190628	Cloudy	Moderte	Mid-Ebb	M	6.1	8:57	8.01	8.48	21.2	28.9	2.84	4	90	0.131	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity	Direction in NESW
C2A	20190628	Cloudy	Moderte	Mid-Ebb	M	6.1	8:57	7.62	8.3	21.9	29.0	2.78	5	93	0.232	SE
C2A	20190628	Cloudy	Moderte	Mid-Ebb	S	1	8:58	8.19	8.35	21.2	29.0	2.71	3	92	0.092	E
C2A	20190628	Cloudy	Moderte	Mid-Ebb	S	1	8:58	9.7	8.62	20.9	28.9	3.14	4	93	0.096	SE
CR1	20190628	Cloudy	Moderte	Mid-Ebb	B	11.3	9:44	7.91	8.35	20.5	29.1	2.3	6	93	0.176	S
CR1	20190628	Cloudy	Moderte	Mid-Ebb	B	11.3	9:44	9.41	8.72	21.4	29.2	2.71	5	94	0.174	SE
CR1	20190628	Cloudy	Moderte	Mid-Ebb	M	6.2	9:45	9.41	8.52	20.8	29.1	2.97	5	93	0.163	SE
CR1	20190628	Cloudy	Moderte	Mid-Ebb	M	6.2	9:45	9.21	8.22	21.4	29.3	2.87	5	92	0.188	SE
CR1	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:46	7.88	8.74	20.9	29.1	2.98	5	93	0.163	SE
CR1	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:46	7.59	8.55	20.6	29.2	2.9	5	93	0.142	SE
CR2	20190628	Cloudy	Moderte	Mid-Ebb	B	11.1	9:19	9.67	8.44	21.6	29.0	2.51	6	92	0.142	SE
CR2	20190628	Cloudy	Moderte	Mid-Ebb	B	11.1	9:19	9.1	8.52	20.7	29.1	2.91	6	93	0.094	E
CR2	20190628	Cloudy	Moderte	Mid-Ebb	M	6.1	9:20	8	8.25	20.7	29.1	2.8	6	94	0.086	SE
CR2	20190628	Cloudy	Moderte	Mid-Ebb	M	6.1	9:20	7.82	8.68	21.8	29.1	2.85	5	94	0.202	S
CR2	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:21	7.92	8.7	21	29.1	2.92	6	93	0.185	SE
CR2	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:21	9.64	8.37	22.3	29.2	2.89	5	94	0.185	E
F1A	20190628	Cloudy	Moderte	Mid-Ebb	B	7.3	10:09	9.93	8.29	20.3	29.1	2.69	5	90	0.133	S
F1A	20190628	Cloudy	Moderte	Mid-Ebb	B	7.3	10:09	9.31	8.35	20.4	29.1	2.62	5	92	0.245	E
F1A	20190628	Cloudy	Moderte	Mid-Ebb	M	4.2	10:10	9.79	8.78	21.3	29.2	2.72	5	93	0.169	SE
F1A	20190628	Cloudy	Moderte	Mid-Ebb	M	4.2	10:10	7.83	8.82	21.8	29.1	2.65	6	93	0.164	SE
F1A	20190628	Cloudy	Moderte	Mid-Ebb	S	1	10:11	7.94	8.61	21.4	29.2	2.85	6	89	0.238	SE
F1A	20190628	Cloudy	Moderte	Mid-Ebb	S	1	10:11	8.38	8.83	21.7	29.2	2.68	6	93	0.171	SE
H1	20190628	Cloudy	Moderte	Mid-Ebb	B	7.9	9:15	10.01	8.68	20.4	29.1	2.64	4	89	0.129	SE
H1	20190628	Cloudy	Moderte	Mid-Ebb	B	7.9	9:15	8.73	8.7	20.2	29.0	2.55	5	93	0.156	S
H1	20190628	Cloudy	Moderte	Mid-Ebb	M	4.5	9:16	9.48	8.39	22	29.1	2.79	5	93	0.203	S
H1	20190628	Cloudy	Moderte	Mid-Ebb	M	4.5	9:16	7.75	8.66	21.4	29.2	3.09	4	90	0.122	SE
H1	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:17	7.76	8.88	20.4	29.1	2.71	4	88	0.227	S
H1	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:17	8.44	8.89	21.6	29.2	3.06	5	93	0.167	S
M1	20190628	Cloudy	Moderte	Mid-Ebb	B	8	10:46	8.62	8.94	21.4	29.3	2.87	6	93	0.086	SE
M1	20190628	Cloudy	Moderte	Mid-Ebb	B	8	10:46	7.68	8.87	22.2	29.2	2.46	7	93	0.213	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	Direction in NESW
M1	20190628	Cloudy	Moderte	Mid-Ebb	M	4.5	10:47	8.84	8.82	21.8	29.2	2.6	6	93	0.111	SE
M1	20190628	Cloudy	Moderte	Mid-Ebb	M	4.5	10:47	8.8	8.45	21.9	29.3	2.61	6	92	0.118	SE
M1	20190628	Cloudy	Moderte	Mid-Ebb	S	1	10:48	9.08	9.02	21.4	29.2	2.96	6	92	0.22	SE
M1	20190628	Cloudy	Moderte	Mid-Ebb	S	1	10:48	8.14	8.64	22.2	29.2	3.18	5	92	0.136	S
S1	20190628	Cloudy	Moderte	Mid-Ebb	B	4.3	8:41	9.55	8.25	20.4	28.9	2.01	5	88	0.245	E
S1	20190628	Cloudy	Moderte	Mid-Ebb	B	4.3	8:41	7.52	8.76	20.4	29.0	2.46	4	89	0.1	S
S1	20190628	Cloudy	Moderte	Mid-Ebb	S	1	8:42	9.48	8.27	21.4	29.0	2.17	5	90	0.098	SE
S1	20190628	Cloudy	Moderte	Mid-Ebb	S	1	8:42	8.54	8.57	21.1	28.9	2.35	4	90	0.252	S
S2A	20190628	Cloudy	Moderte	Mid-Ebb	B	8.3	9:06	9.33	8.91	20.7	29.0	2.43	6	90	0.247	E
S2A	20190628	Cloudy	Moderte	Mid-Ebb	B	8.3	9:06	9.79	8.86	21.4	28.9	2.5	5	93	0.195	E
S2A	20190628	Cloudy	Moderte	Mid-Ebb	M	4.7	9:07	8.16	8.94	21.5	29.0	2.58	5	88	0.154	S
S2A	20190628	Cloudy	Moderte	Mid-Ebb	M	4.7	9:07	8.92	8.73	21.7	28.9	2.92	6	88	0.125	S
S2A	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:08	9.96	8.7	20.7	29.0	2.87	4	90	0.168	SE
S2A	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:08	8.54	8.3	21.1	29.0	2.84	5	93	0.177	SE
S3	20190628	Cloudy	Moderte	Mid-Ebb	B	10.2	9:30	9.18	8.59	20.9	29.1	2.63	5	91	0.156	E
S3	20190628	Cloudy	Moderte	Mid-Ebb	B	10.2	9:30	9.22	8.27	20.7	29.0	2.84	4	92	0.097	S
S3	20190628	Cloudy	Moderte	Mid-Ebb	M	5.6	9:31	9.83	8.8	21.2	29.2	2.54	4	89	0.246	E
S3	20190628	Cloudy	Moderte	Mid-Ebb	M	5.6	9:31	8.75	8.62	22.2	29.0	2.57	4	88	0.141	SE
S3	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:32	10.01	8.48	20.6	29.0	2.78	5	93	0.147	S
S3	20190628	Cloudy	Moderte	Mid-Ebb	S	1	9:32	7.89	8.89	21.1	29.0	3.26	4	94	0.202	SE
B1	20190628	Cloudy	Moderte	Mid-Flood	B	4.2	13:31	7.73	8.54	20.5	29.4	2.91	3	93	0.158	SW
B1	20190628	Cloudy	Moderte	Mid-Flood	B	4.2	13:31	8.85	8.36	21.4	29.2	2.72	3	92	0.161	W
B1	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:32	8.75	8.44	20.7	29.3	2.99	3	92	0.256	NW
B1	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:32	9.56	8.8	20.6	29.3	3.01	3	92	0.224	SW
B2	20190628	Cloudy	Moderte	Mid-Flood	B	3.9	13:50	8.79	9.02	21.1	29.4	2.83	3	91	0.25	W
B2	20190628	Cloudy	Moderte	Mid-Flood	B	3.9	13:50	7.89	8.41	21.2	29.4	2.57	3	93	0.255	SW
B2	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:51	9.65	8.42	21.2	29.5	2.87	3	92	0.207	W
B2	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:51	8.26	8.63	21	29.2	3.08	3	92	0.137	W
B3	20190628	Cloudy	Moderte	Mid-Flood	B	4.2	13:20	8	8.7	20.5	29.4	2.9	2	92	0.216	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	Direction in NESW
B3	20190628	Cloudy	Moderte	Mid-Flood	B	4.2	13:20	9.08	8.74	20.4	29.5	2.9	2	92	0.211	W
B3	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:21	8.35	8.89	21	29.4	3.21	<2	92	0.274	NW
B3	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:21	8.48	8.79	20.4	29.2	2.69	<2	93	0.291	W
B4	20190628	Cloudy	Moderte	Mid-Flood	B	4.1	13:33	8.36	8.35	21.1	29.4	2.58	2	93	0.159	W
B4	20190628	Cloudy	Moderte	Mid-Flood	B	4.1	13:33	10.03	8.47	20.9	29.3	2.34	3	94	0.29	SW
B4	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:34	8.54	8.9	20.8	29.3	2.84	3	94	0.218	SW
B4	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:34	8.09	8.56	20.6	29.3	2.89	2	93	0.151	W
C1A	20190628	Cloudy	Moderte	Mid-Flood	B	8.9	13:07	8.7	8.7	21.3	29.4	2.53	3	93	0.129	NW
C1A	20190628	Cloudy	Moderte	Mid-Flood	B	8.9	13:07	10	8.34	21.3	29.2	2.39	3	92	0.255	W
C1A	20190628	Cloudy	Moderte	Mid-Flood	M	5	13:08	9.12	8.34	20.5	29.4	2.75	4	93	0.208	NW
C1A	20190628	Cloudy	Moderte	Mid-Flood	M	5	13:08	8.25	8.44	20.3	29.2	2.61	5	92	0.28	W
C1A	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:09	8.69	8.66	21	29.4	2.68	5	92	0.213	W
C1A	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:09	9.7	8.99	21.3	29.3	3.09	4	92	0.156	NW
C2A	20190628	Cloudy	Moderte	Mid-Flood	B	10.2	12:44	8.12	8.57	21.3	29.3	2.82	4	89	0.279	W
C2A	20190628	Cloudy	Moderte	Mid-Flood	B	10.2	12:44	7.88	8.73	20.5	29.4	2.81	4	88	0.278	W
C2A	20190628	Cloudy	Moderte	Mid-Flood	M	5.6	12:45	10.13	8.77	20.5	29.2	2.64	5	88	0.226	W
C2A	20190628	Cloudy	Moderte	Mid-Flood	M	5.6	12:45	7.71	8.82	20.7	29.5	2.81	4	90	0.236	SW
C2A	20190628	Cloudy	Moderte	Mid-Flood	S	1	12:46	8.45	8.42	20.9	29.3	2.79	4	92	0.28	NW
C2A	20190628	Cloudy	Moderte	Mid-Flood	S	1	12:46	8.99	8.93	20.2	29.4	3.01	4	92	0.257	W
CR1	20190628	Cloudy	Moderte	Mid-Flood	B	11.6	14:43	9.42	8.39	21.4	29.4	2.74	5	92	0.273	NW
CR1	20190628	Cloudy	Moderte	Mid-Flood	B	11.6	14:43	8.21	8.69	20.8	29.4	2.65	5	88	0.243	W
CR1	20190628	Cloudy	Moderte	Mid-Flood	M	6.3	14:44	9.04	8.65	20.7	29.3	3.11	6	87	0.155	W
CR1	20190628	Cloudy	Moderte	Mid-Flood	M	6.3	14:44	9.99	8.58	21	29.2	2.86	6	88	0.276	W
CR1	20190628	Cloudy	Moderte	Mid-Flood	S	1	14:45	8.72	8.6	20.6	29.5	3.17	6	89	0.22	W
CR1	20190628	Cloudy	Moderte	Mid-Flood	S	1	14:45	8.17	8.94	21.2	29.3	2.93	4	87	0.183	NW
CR2	20190628	Cloudy	Moderte	Mid-Flood	B	9.7	14:18	9.17	8.54	20.7	29.2	2.89	6	92	0.22	W
CR2	20190628	Cloudy	Moderte	Mid-Flood	B	9.7	14:18	10.01	8.62	21.4	29.2	2.87	6	89	0.264	SW
CR2	20190628	Cloudy	Moderte	Mid-Flood	M	5.4	14:19	8.05	8.46	20.8	29.5	2.97	6	91	0.203	NW
CR2	20190628	Cloudy	Moderte	Mid-Flood	M	5.4	14:19	8.25	8.54	21.1	29.3	2.77	5	92	0.252	NW

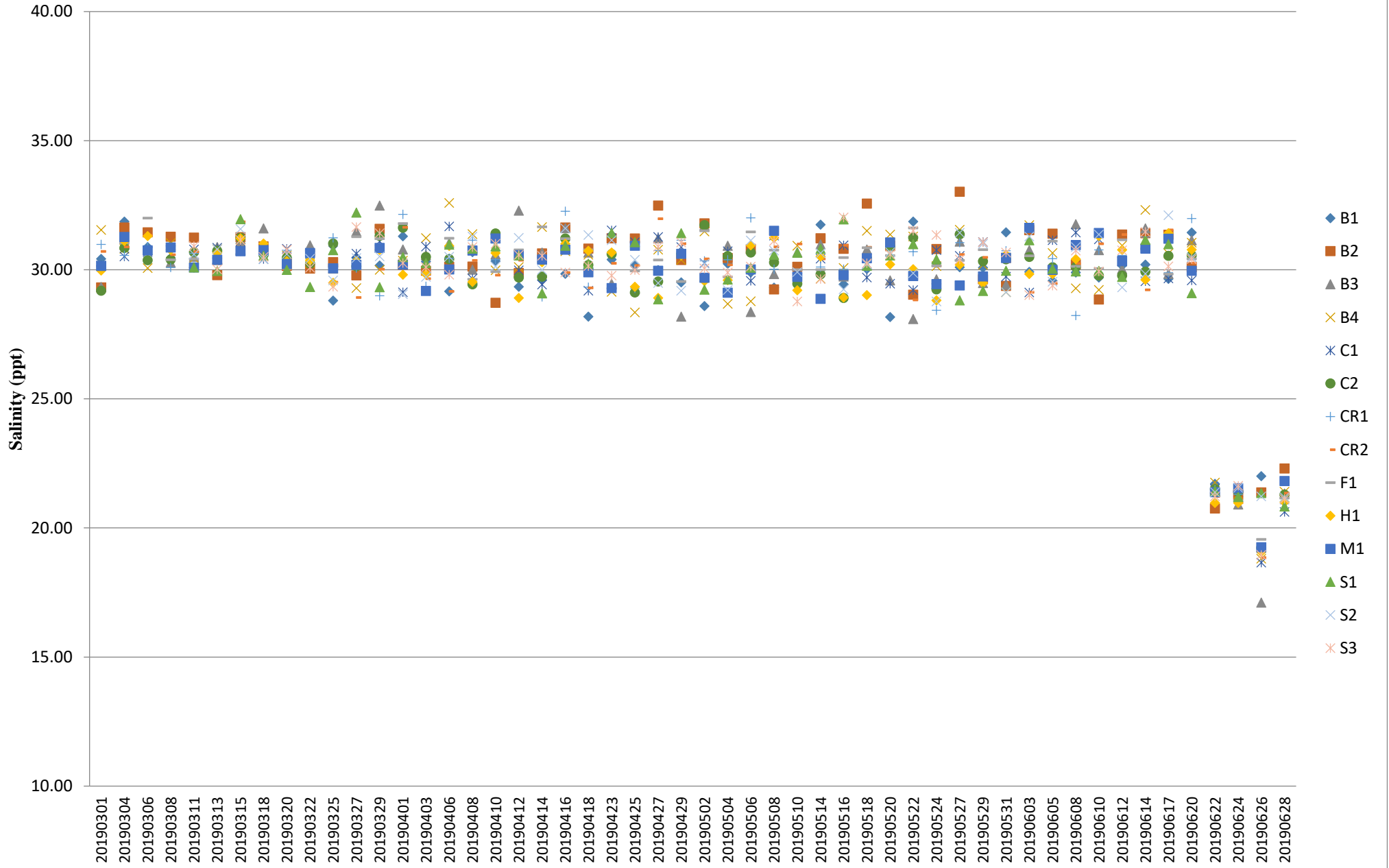
Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Impact Water Quality Monitoring Data

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	Direction in NESW
CR2	20190628	Cloudy	Moderte	Mid-Flood	S	1	14:20	9.66	8.54	20.9	29.3	2.93	4	89	0.142	SW
CR2	20190628	Cloudy	Moderte	Mid-Flood	S	1	14:20	7.95	8.46	21.3	29.4	2.89	4	92	0.161	W
F1A	20190628	Cloudy	Moderte	Mid-Flood	B	7.8	13:59	8.29	8.72	20.9	29.3	2.51	4	89	0.27	W
F1A	20190628	Cloudy	Moderte	Mid-Flood	B	7.8	13:59	7.6	8.68	20.6	29.3	2.86	5	87	0.207	W
F1A	20190628	Cloudy	Moderte	Mid-Flood	M	4.4	14:00	9.82	8.46	20.7	29.5	2.57	4	91	0.197	NW
F1A	20190628	Cloudy	Moderte	Mid-Flood	M	4.4	14:00	8.23	8.52	21.1	29.4	3.04	4	90	0.273	W
F1A	20190628	Cloudy	Moderte	Mid-Flood	S	1	14:01	9.58	8.41	20.8	29.2	3.06	4	88	0.268	SW
F1A	20190628	Cloudy	Moderte	Mid-Flood	S	1	14:01	9.12	8.78	20.7	29.2	2.71	4	88	0.249	W
H1	20190628	Cloudy	Moderte	Mid-Flood	B	6.8	13:05	9.53	8.64	21.2	29.4	2.87	4	91	0.241	SW
H1	20190628	Cloudy	Moderte	Mid-Flood	B	6.8	13:05	9.47	8.41	20.4	29.3	2.45	4	91	0.24	W
H1	20190628	Cloudy	Moderte	Mid-Flood	M	3.9	13:06	10.16	8.44	21.1	29.5	2.96	3	92	0.229	W
H1	20190628	Cloudy	Moderte	Mid-Flood	M	3.9	13:06	9.41	8.75	20.5	29.5	2.9	3	91	0.203	NW
H1	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:07	9.1	8.44	20.9	29.3	2.92	2	93	0.246	SW
H1	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:07	9.27	8.74	20.8	29.5	2.94	2	92	0.197	W
M1	20190628	Cloudy	Moderte	Mid-Flood	B	7.5	14:35	10.08	8.79	20.2	29.4	2.62	6	88	0.207	W
M1	20190628	Cloudy	Moderte	Mid-Flood	B	7.5	14:35	8.53	8.63	21	29.2	2.79	5	88	0.23	W
M1	20190628	Cloudy	Moderte	Mid-Flood	M	4.3	14:36	10	8.83	20.7	29.4	2.68	5	91	0.123	W
M1	20190628	Cloudy	Moderte	Mid-Flood	M	4.3	14:36	7.69	8.82	21.3	29.4	2.87	4	89	0.23	W
M1	20190628	Cloudy	Moderte	Mid-Flood	S	1	14:37	9.06	8.75	21	29.3	2.99	4	93	0.168	SW
M1	20190628	Cloudy	Moderte	Mid-Flood	S	1	14:37	8.58	8.48	21.3	29.3	3.26	5	88	0.238	SW
S1	20190628	Cloudy	Moderte	Mid-Flood	B	4.2	13:40	8.13	8.99	21.4	29.4	2.57	6	88	0.221	NW
S1	20190628	Cloudy	Moderte	Mid-Flood	B	4.2	13:40	8.99	9.04	20.3	29.5	2.87	5	87	0.196	NW
S1	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:41	7.88	8.46	21	29.3	2.7	4	89	0.137	NW
S1	20190628	Cloudy	Moderte	Mid-Flood	S	1	13:41	9.68	8.63	21.3	29.2	3.18	4	92	0.145	NW
S2A	20190628	Cloudy	Moderte	Mid-Flood	B	8.8	14:06	8.42	8.85	20.9	29.3	2.71	5	88	0.133	W
S2A	20190628	Cloudy	Moderte	Mid-Flood	B	8.8	14:06	9.97	8.72	21	29.5	2.77	6	91	0.259	W
S2A	20190628	Cloudy	Moderte	Mid-Flood	M	4.9	14:07	10.08	8.55	21.3	29.3	3.11	6	88	0.139	W
S2A	20190628	Cloudy	Moderte	Mid-Flood	M	4.9	14:07	8.2	8.31	21.1	29.3	2.88	6	88	0.276	SW
S2A	20190628	Cloudy	Moderte	Mid-Flood	S	1	14:08	8.58	8.88	20.2	29.4	2.75	4	88	0.226	W

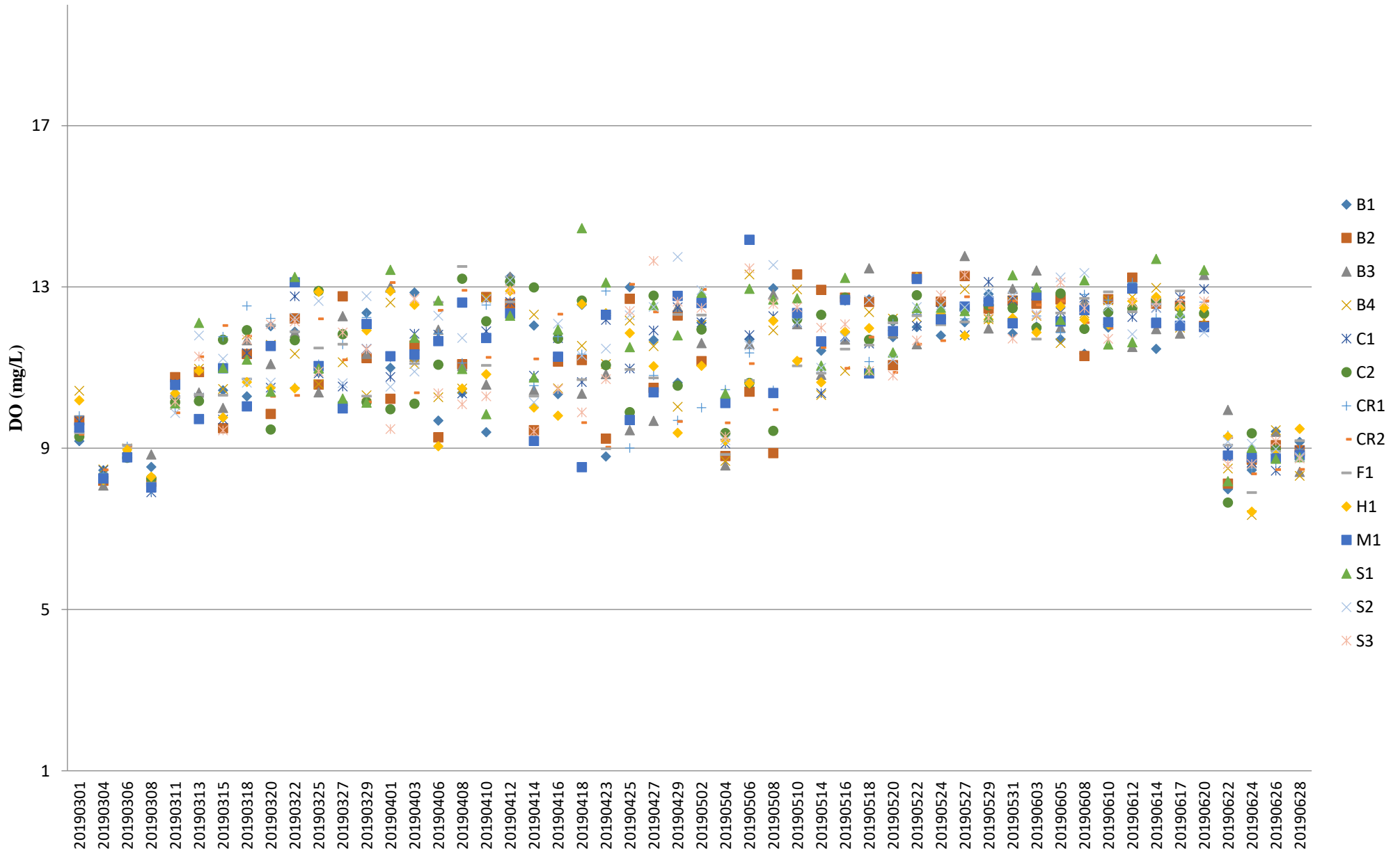
Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Impact Water Quality Monitoring Data

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	Direction in NESW
S2A	20190628	Cloudy	Moderte	Mid-Flood	S	1	14:08	8.26	8.9	20.8	29.4	2.7	5	88	0.175	W
S3	20190628	Cloudy	Moderte	Mid-Flood	B	9.2	14:29	8.24	8.93	21.4	29.5	2.79	3	89	0.258	W
S3	20190628	Cloudy	Moderte	Mid-Flood	B	9.2	14:29	9.63	8.63	21.4	29.4	2.43	3	88	0.208	W
S3	20190628	Cloudy	Moderte	Mid-Flood	M	5.1	14:30	9.31	8.39	21.1	29.2	2.99	5	92	0.182	W
S3	20190628	Cloudy	Moderte	Mid-Flood	M	5.1	14:30	9.9	8.33	20.4	29.2	3.06	4	89	0.129	W
S3	20190628	Cloudy	Moderte	Mid-Flood	S	1	14:31	7.53	8.47	20.3	29.5	2.9	4	93	0.212	W
S3	20190628	Cloudy	Moderte	Mid-Flood	S	1	14:31	8.26	8.51	21.3	29.5	2.94	5	90	0.208	W
Remarks:																
Note 1: S - Surface		M - Middle		B - Bottom												
Note 2: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.																

Salinity (Depth-averaged) during MID-EBB

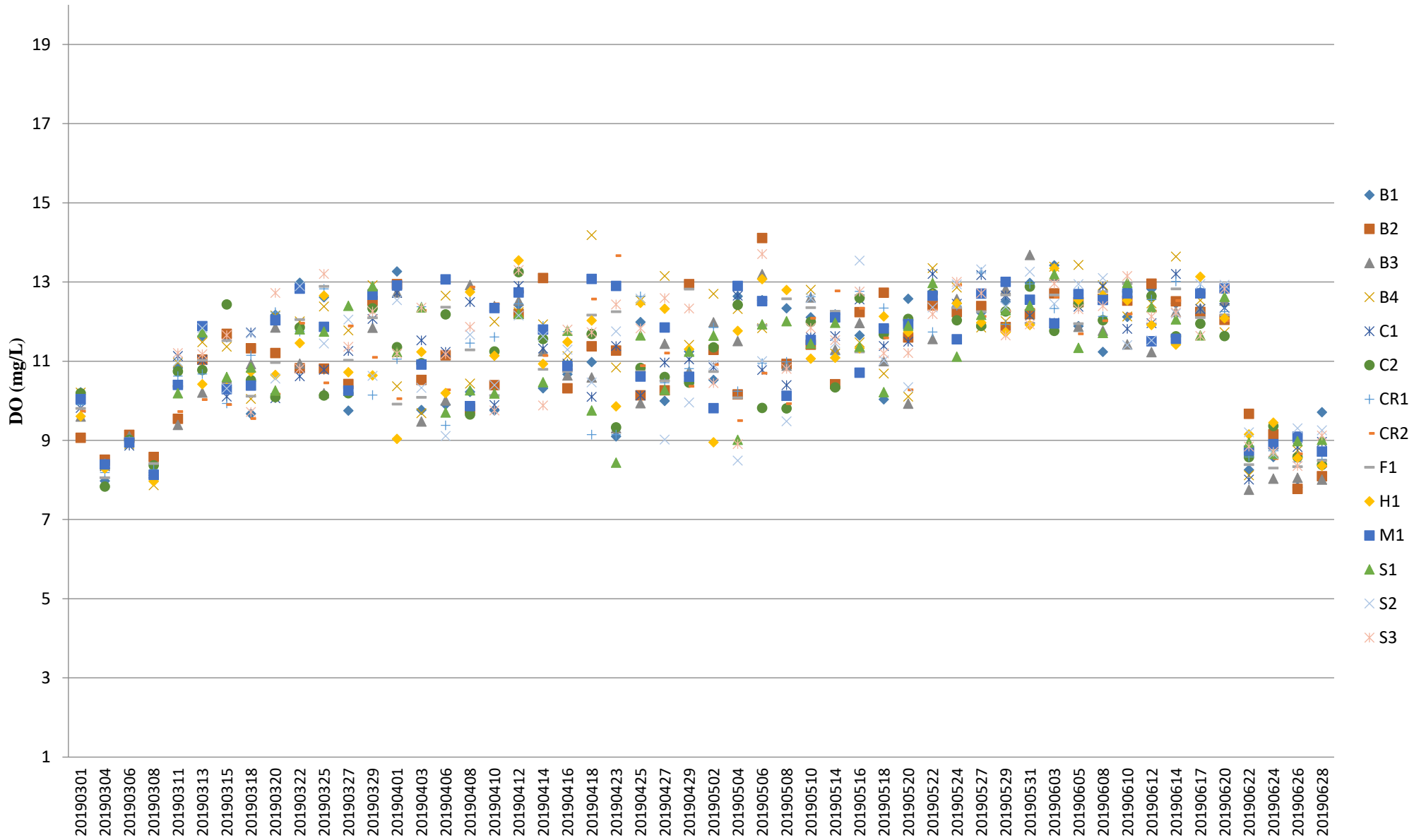


Dissolved Oxygen (Surface & Middle) during MID-FLOOD



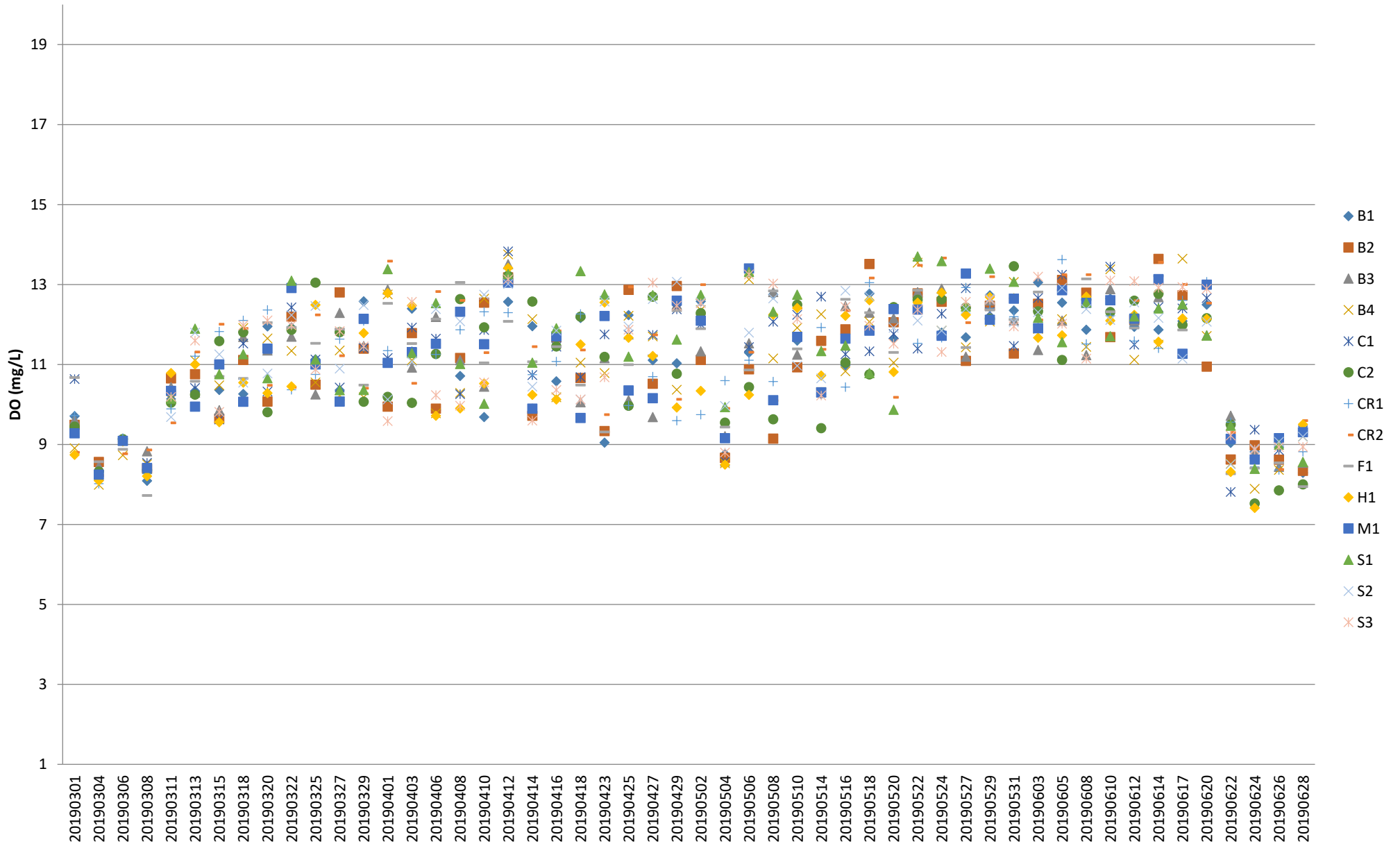
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** and **Table 2.8** of the monthly EM&A report.

Dissolved Oxygen (Surface & Middle) during MID-EBB



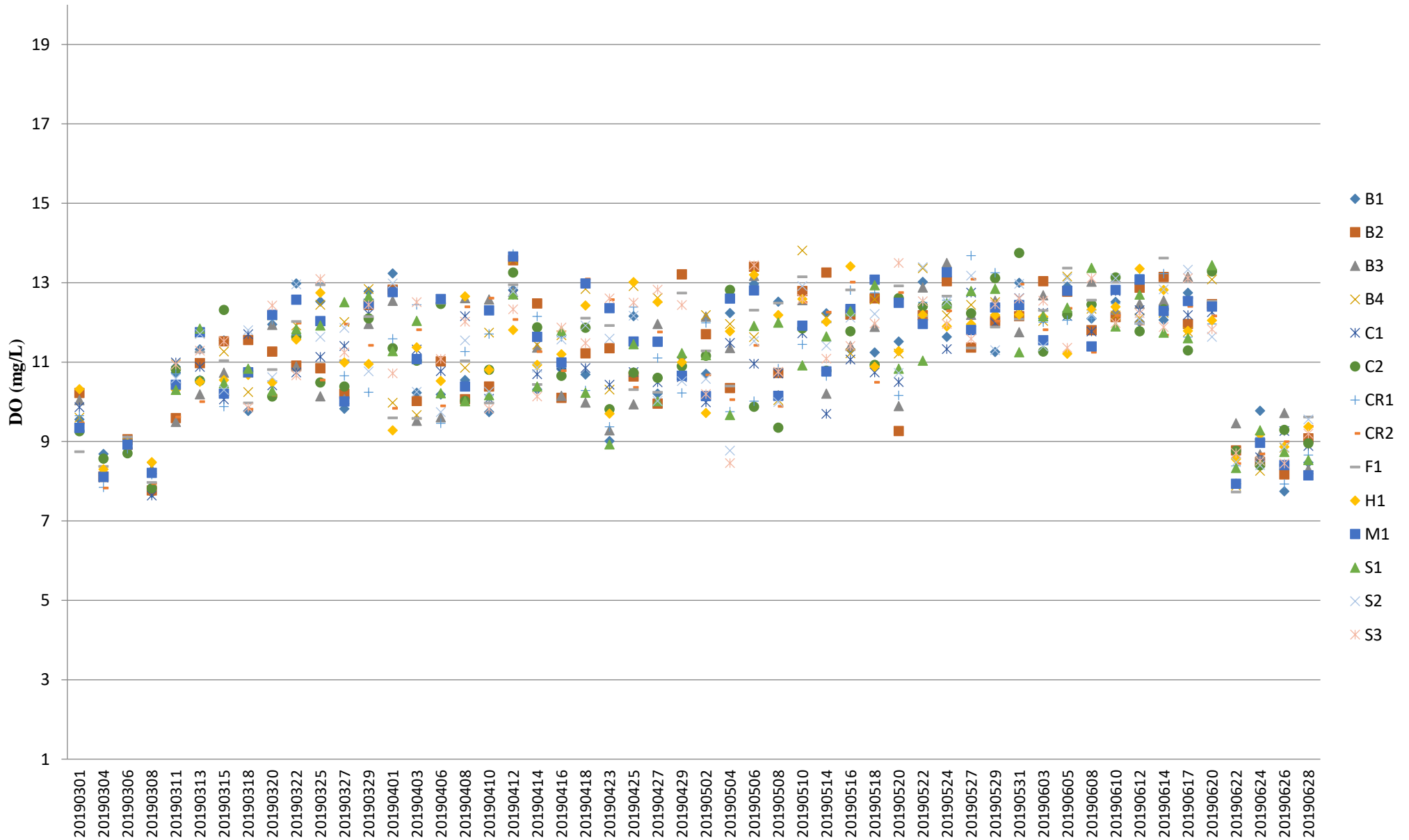
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** and **Table 2.8** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-FLOOD)



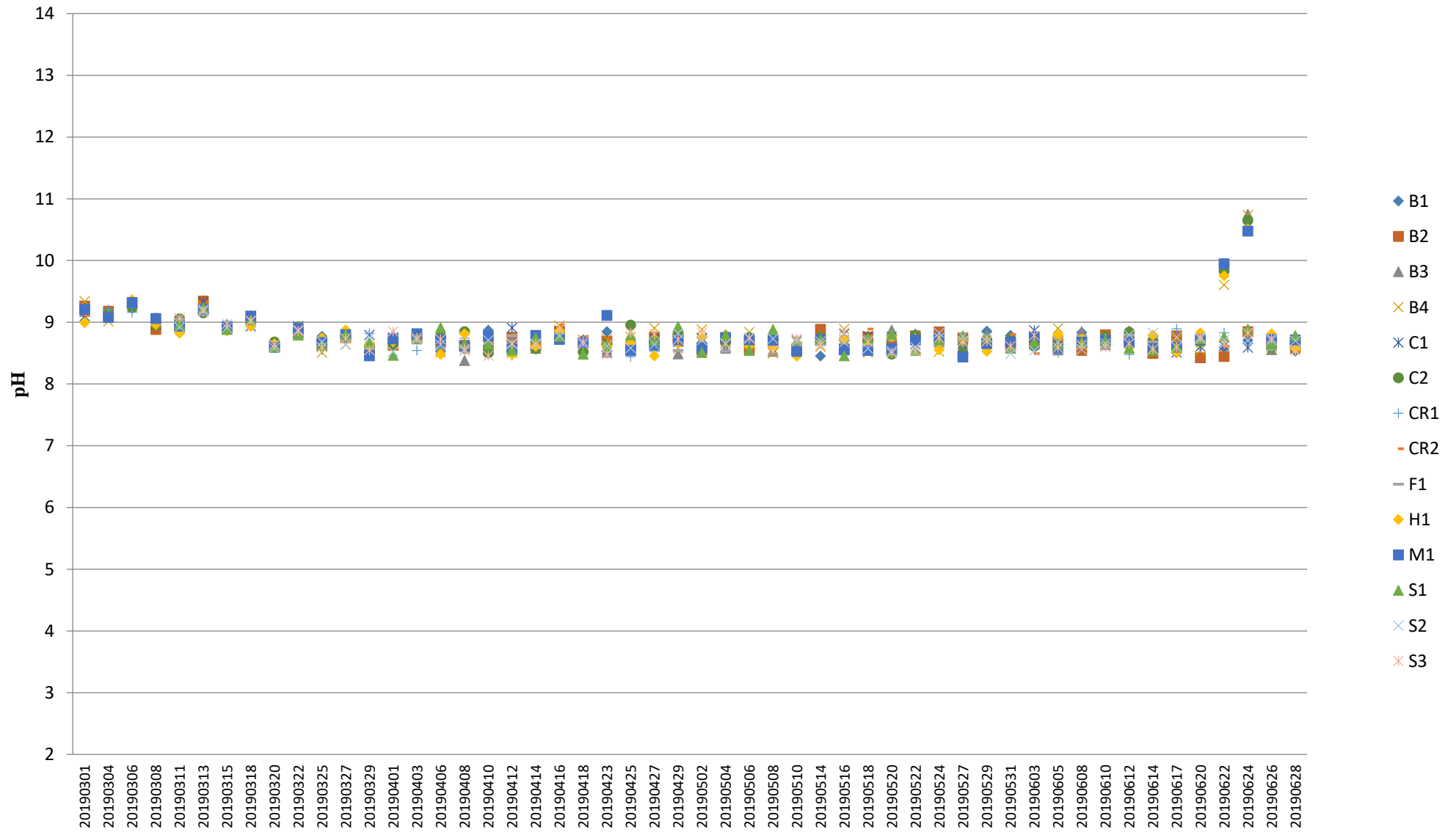
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** and **Table 2.8** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-EBB

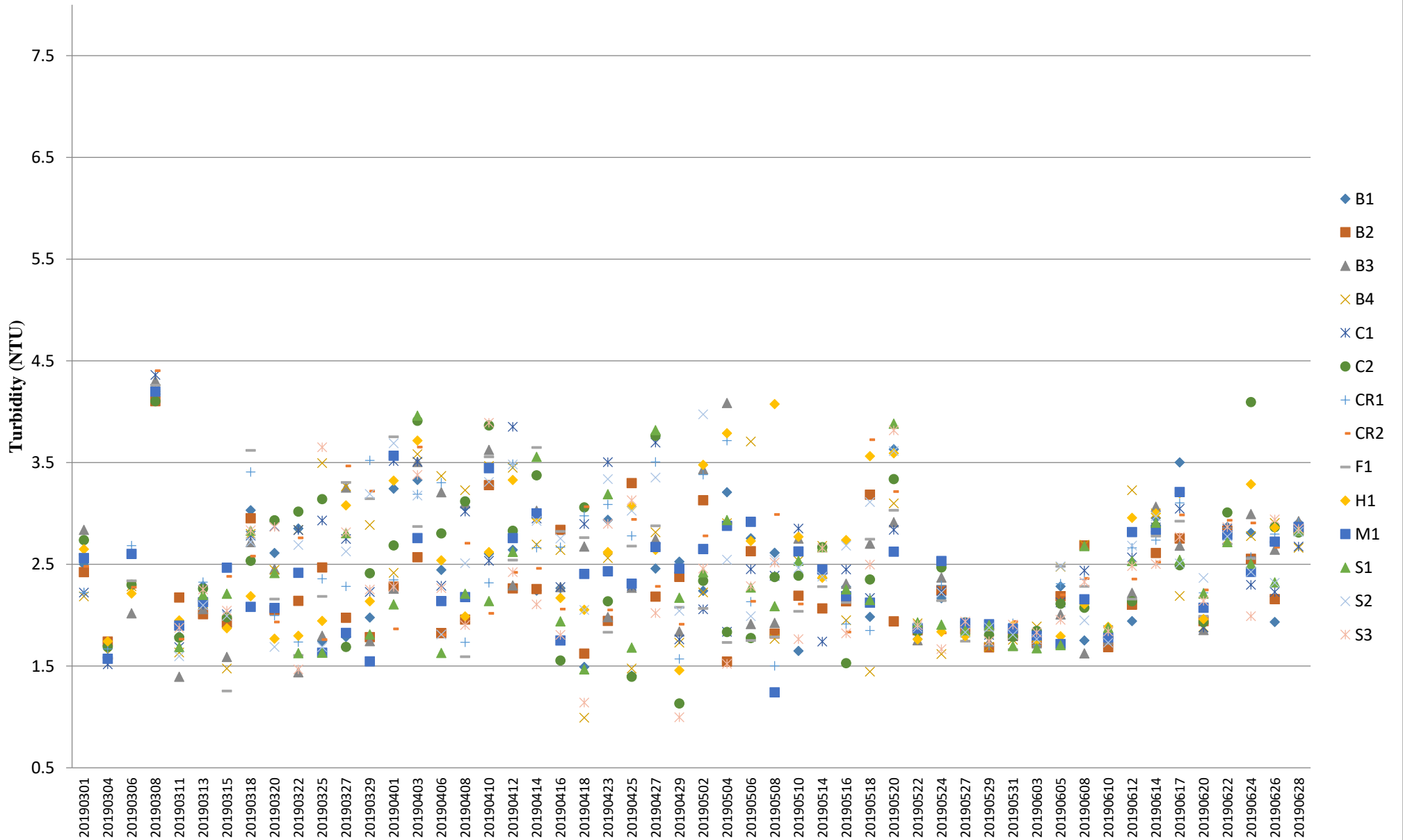


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** and **Table 2.8** of the monthly EM&A report.

pH (Depth Averaged) during MID-FLOOD

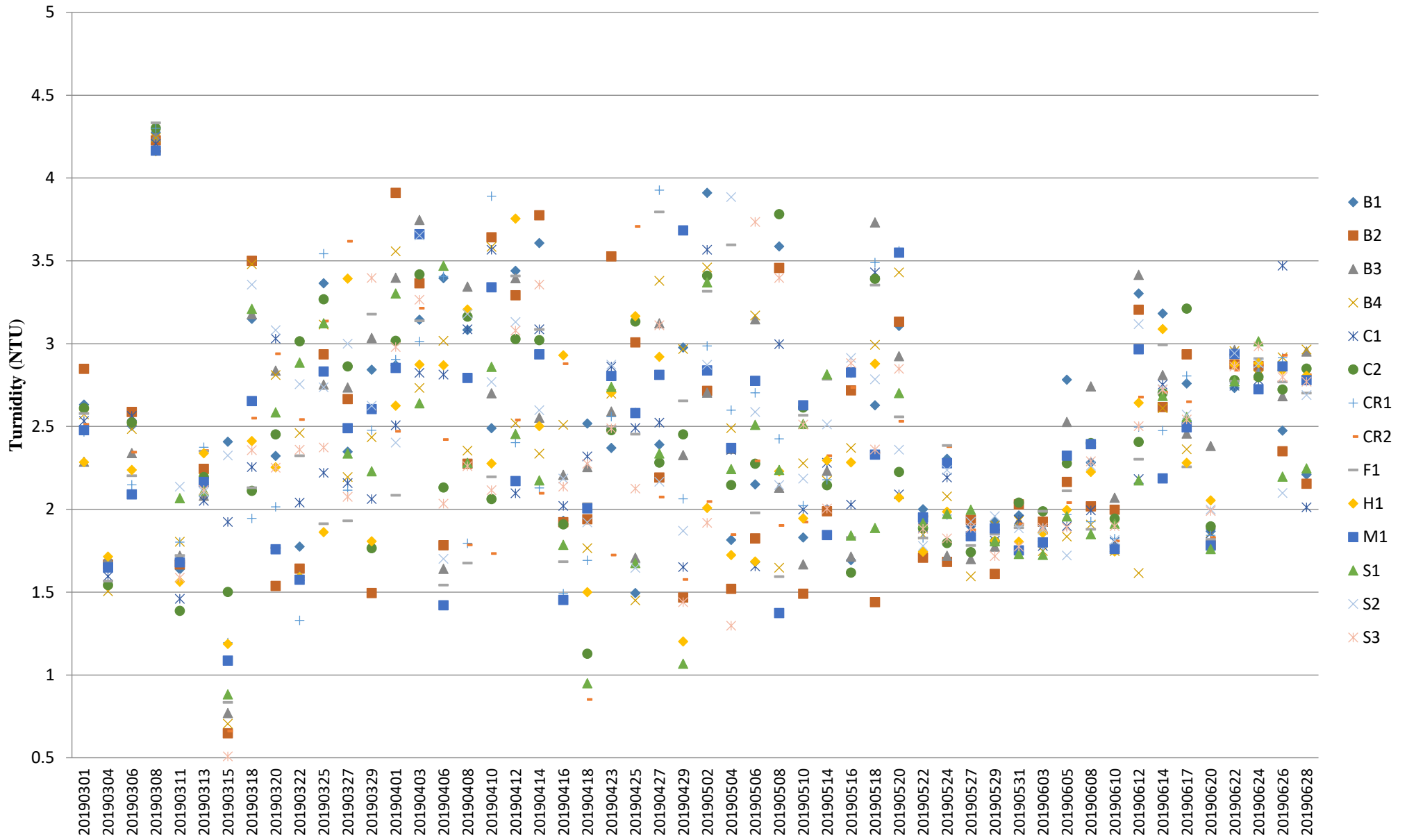


Turbidity (Depth-averaged) during MID-FLOOD



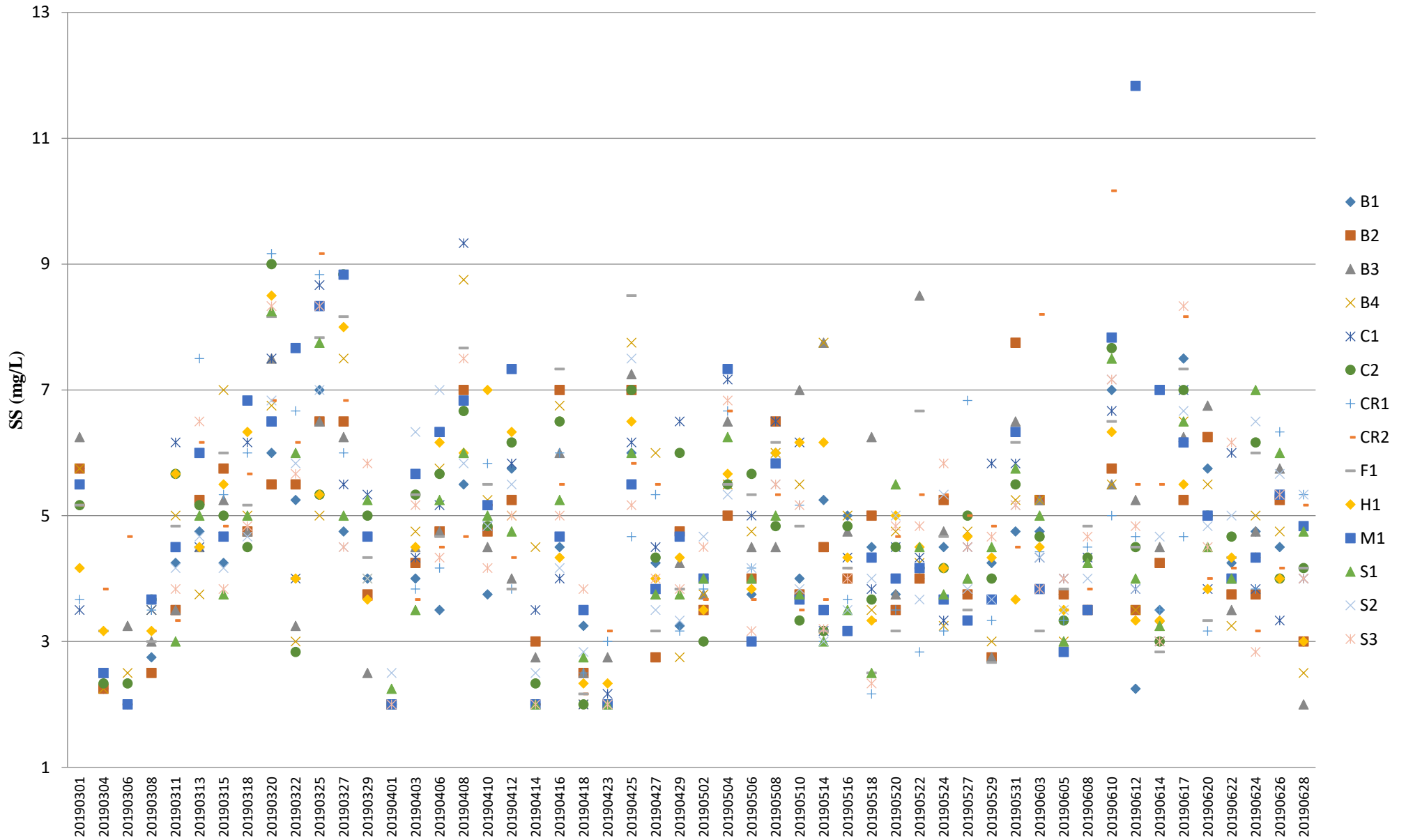
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** and **Table 2.8** of the monthly EM&A report.

Turbidity (Depth-averaged) during MID-EBB



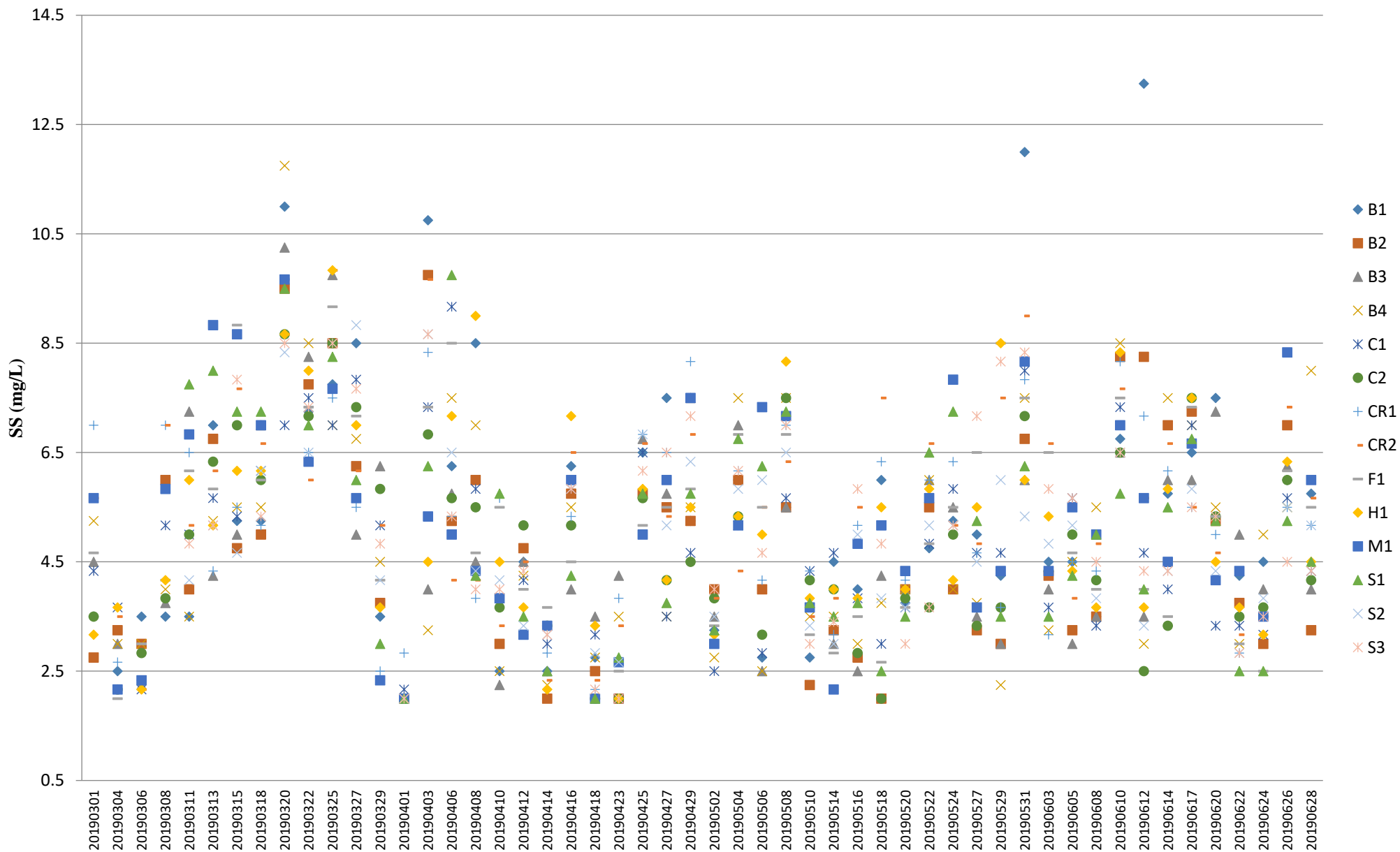
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7** and **Table 2.8** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-FLOOD



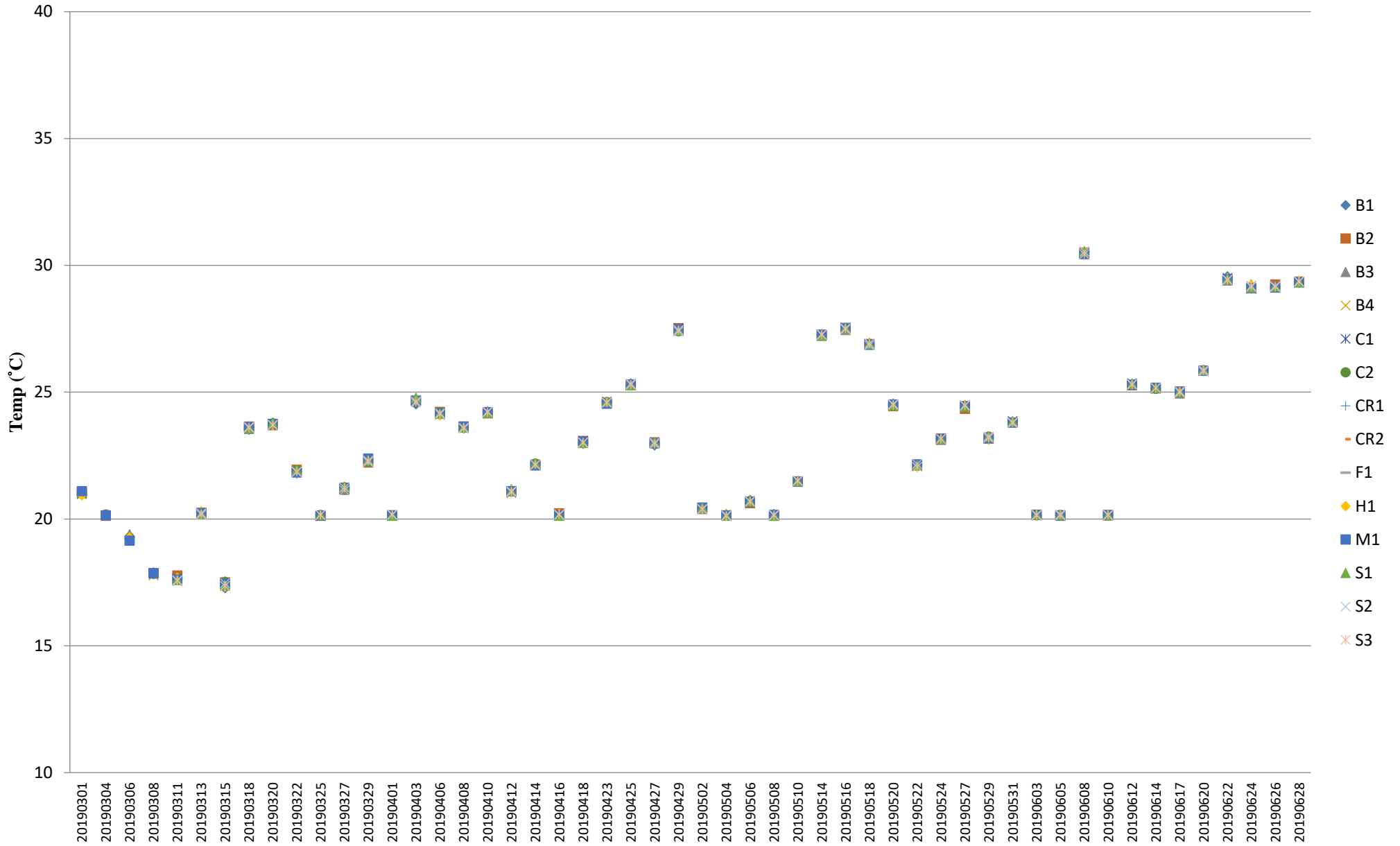
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** and **Table 2.8** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-EBB



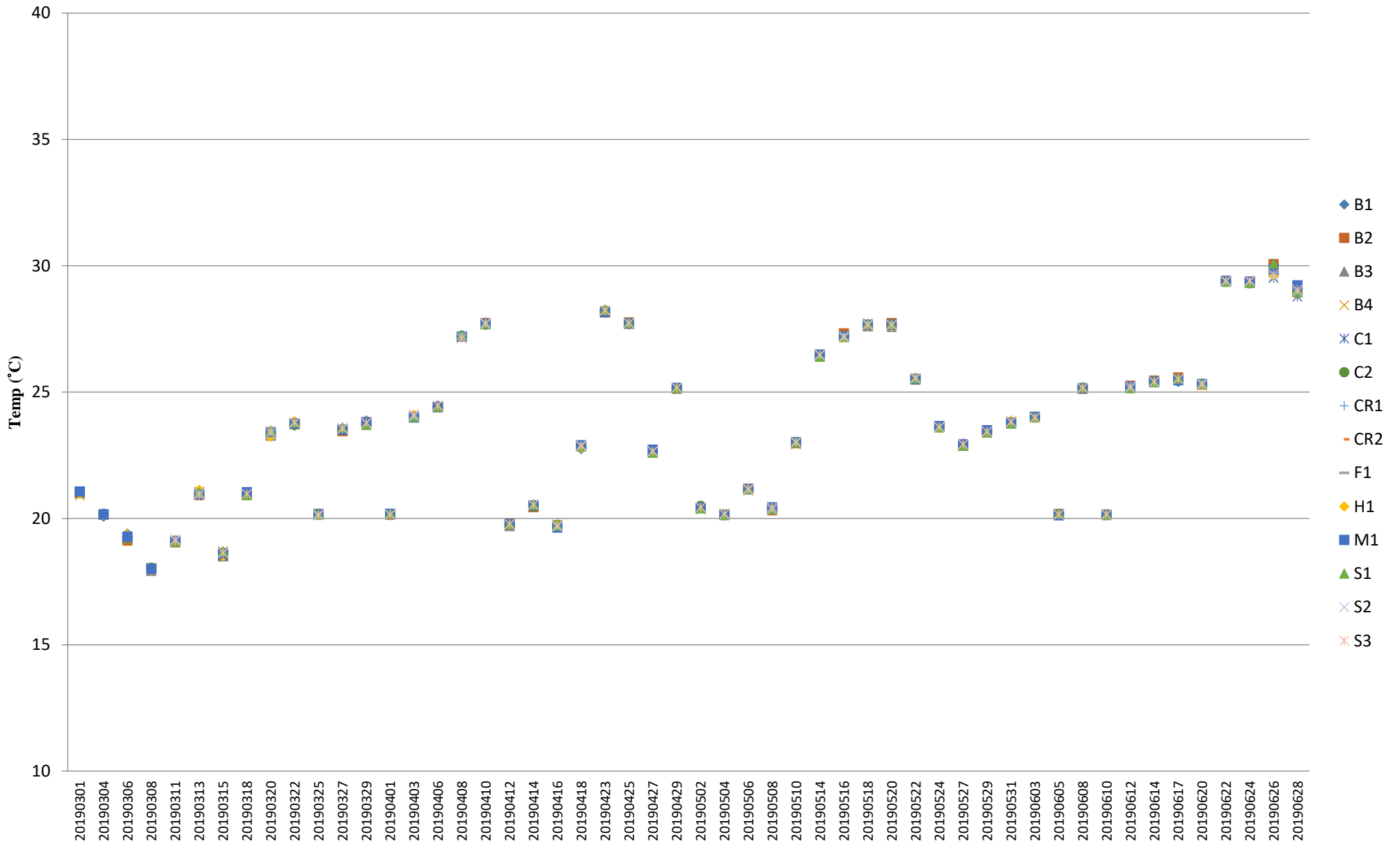
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** and **Table 2.8** of the monthly EM&A report.

Temperature (Depth-averaged) during MID-FLOOD



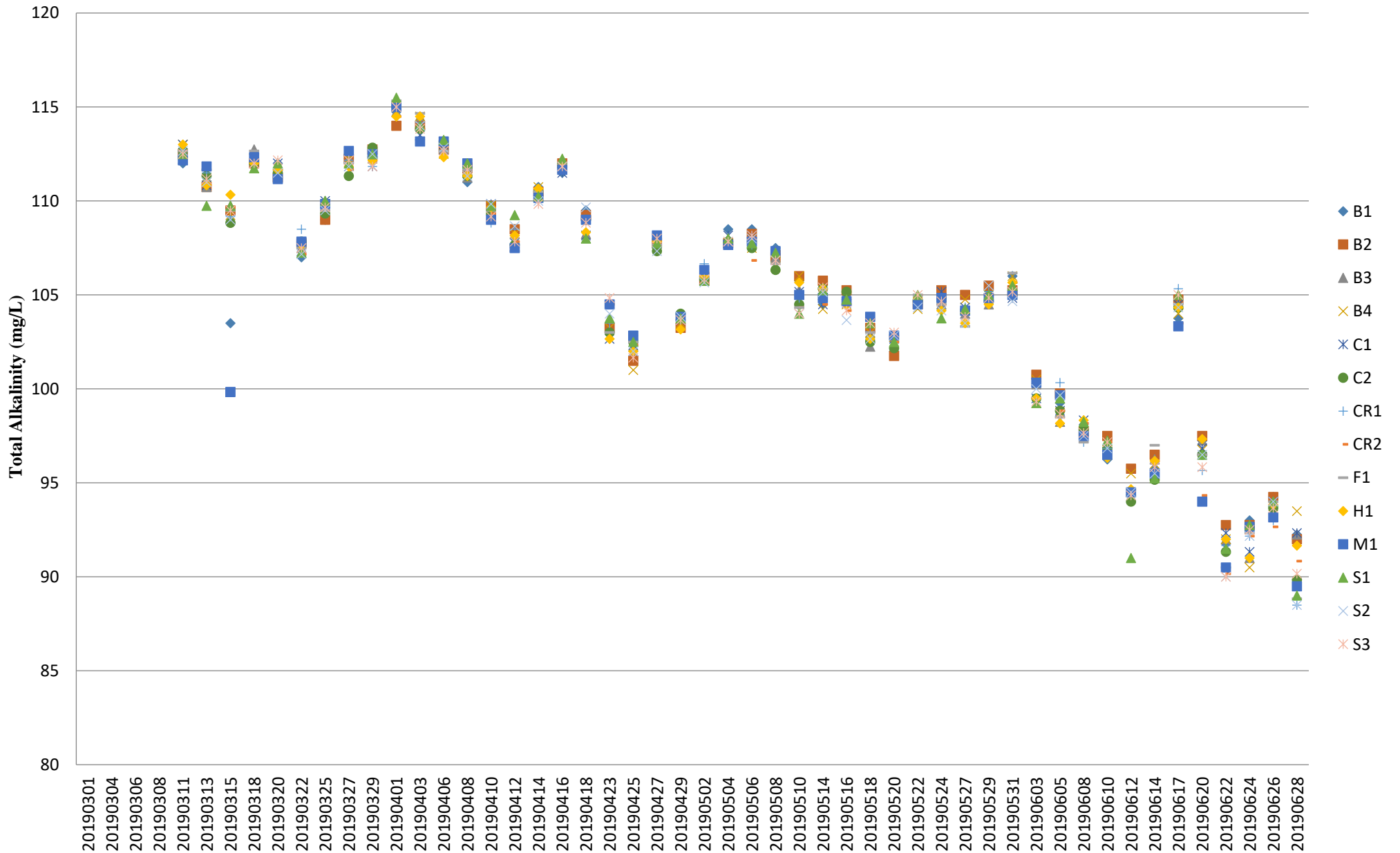
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** and **Table 2.8** of the monthly EM&A report.

Temperature (Depth-Averaged) during MID-EBB



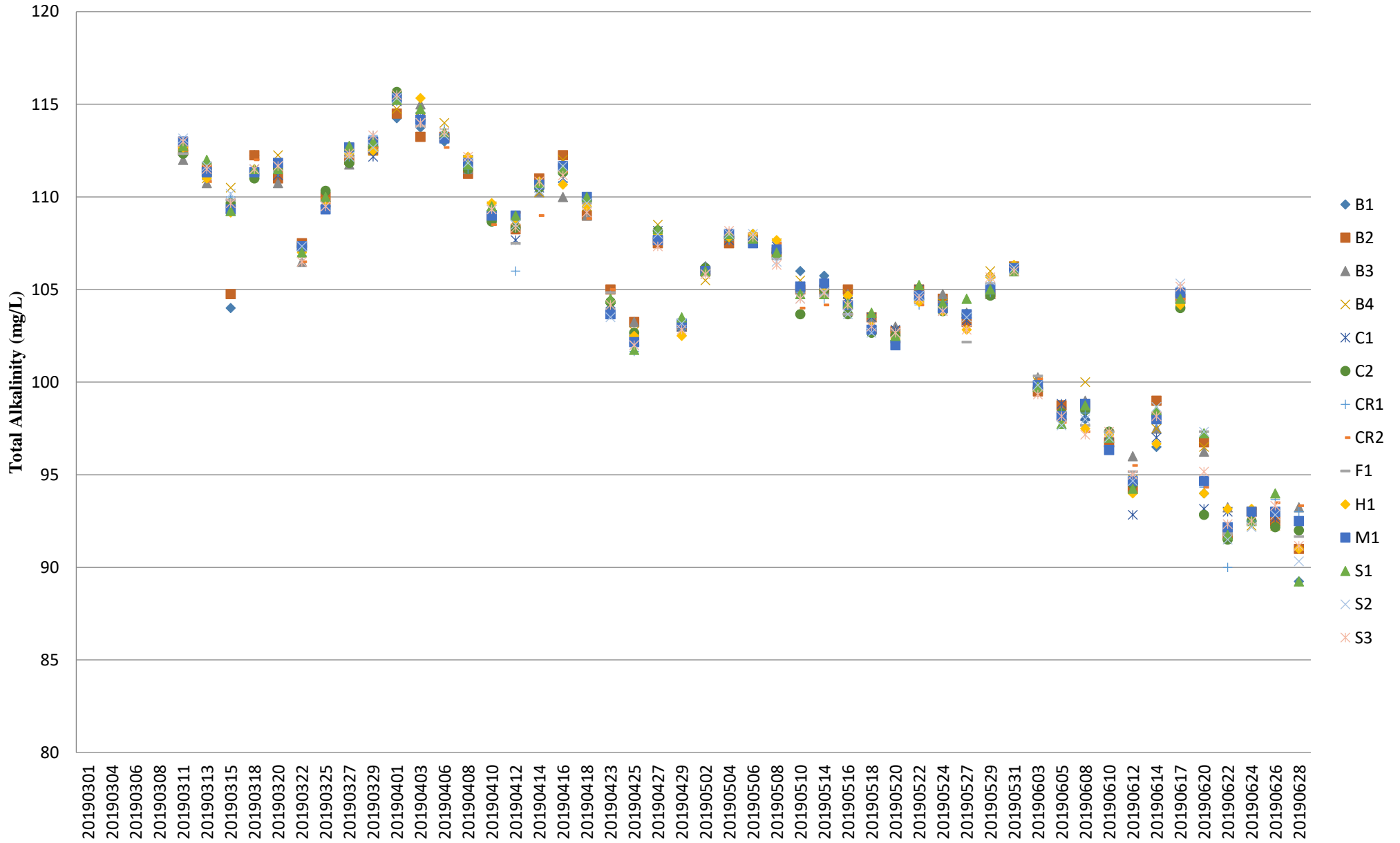
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** and **Table 2.8** of the monthly EM&A report.

Total Alkalinity (Depth-averaged) during MID-FLOOD



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