

Appendix D Water Quality Monitoring Data

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B1	20191002	Sunny	Moderate	Mid-Flood	B	4	08:59	6.44	8.03	27.4	28.58	2.69	7	112	0.167	W
B1	20191002	Sunny	Moderate	Mid-Flood	B	4	08:59	6.66	7.86	27.54	28.47	2.88	7	113	0.132	NW
B1	20191002	Sunny	Moderate	Mid-Flood	S	1	09:00	6.8	8.19	27.26	28.67	3.21	6	111	0.198	W
B1	20191002	Sunny	Moderate	Mid-Flood	S	1	09:00	6.53	7.9	27.74	28.33	3.12	8	112	0.125	W
B2	20191002	Sunny	Moderate	Mid-Flood	B	3.6	09:20	6.88	7.92	27.76	28.49	3.07	8	112	0.122	W
B2	20191002	Sunny	Moderate	Mid-Flood	B	3.6	09:20	6.35	8.17	27.4	28.41	2.53	8	112	0.22	SW
B2	20191002	Sunny	Moderate	Mid-Flood	S	1	09:21	6.48	8.21	27.6	28.54	3.38	7	112	0.262	W
B2	20191002	Sunny	Moderate	Mid-Flood	S	1	09:21	6.34	7.85	27.59	28.43	2.96	8	112	0.265	NW
B3	20191002	Sunny	Moderate	Mid-Flood	B	3.8	09:52	6.43	7.86	27.49	28.74	2.87	8	112	0.152	W
B3	20191002	Sunny	Moderate	Mid-Flood	B	3.8	09:52	6.23	8.02	27.78	28.8	2.74	9	112	0.16	W
B3	20191002	Sunny	Moderate	Mid-Flood	S	1	09:53	6.45	7.9	27.63	28.82	3.24	7	112	0.152	W
B3	20191002	Sunny	Moderate	Mid-Flood	S	1	09:53	6.77	7.88	27.48	28.89	3.41	8	113	0.195	SW
B4	20191002	Sunny	Moderate	Mid-Flood	B	4	10:03	6.67	8.29	27.38	28.81	2.88	9	112	0.132	NW
B4	20191002	Sunny	Moderate	Mid-Flood	B	4	10:03	6.23	8.18	27.43	28.57	2.76	10	112	0.173	W
B4	20191002	Sunny	Moderate	Mid-Flood	S	1	10:04	6.57	7.85	27.44	28.76	3.44	9	113	0.287	NW
B4	20191002	Sunny	Moderate	Mid-Flood	S	1	10:04	6.46	8.2	27.78	28.51	3.05	9	114	0.152	W
C1A	20191002	Sunny	Moderate	Mid-Flood	B	10.6	09:31	6.44	7.94	27.67	28.71	2.6	8	112	0.218	SW
C1A	20191002	Sunny	Moderate	Mid-Flood	B	10.6	09:31	6.44	7.87	27.64	28.52	2.74	8	112	0.213	SW
C1A	20191002	Sunny	Moderate	Mid-Flood	M	5.8	09:32	6.48	8.05	27.38	28.66	2.95	5	113	0.167	W
C1A	20191002	Sunny	Moderate	Mid-Flood	M	5.8	09:32	6.68	8.22	27.8	28.32	3.03	6	112	0.2	W
C1A	20191002	Sunny	Moderate	Mid-Flood	S	1	09:33	6.61	8.24	27.62	28.53	3.18	4	112	0.141	W
C1A	20191002	Sunny	Moderate	Mid-Flood	S	1	09:33	6.46	8.06	27.22	28.35	3.09	5	112	0.168	W
C2A	20191002	Sunny	Moderate	Mid-Flood	B	10.8	08:21	6.37	7.98	27.28	28.37	2.58	7	113	0.2	W
C2A	20191002	Sunny	Moderate	Mid-Flood	B	10.8	08:21	6.7	7.97	27.31	28.16	3.09	6	112	0.188	W
C2A	20191002	Sunny	Moderate	Mid-Flood	M	5.9	08:22	6.2	8.09	27.5	28.3	2.85	6	112	0.262	W
C2A	20191002	Sunny	Moderate	Mid-Flood	M	5.9	08:22	6.91	8.11	27.76	28.24	2.96	6	113	0.221	SW
C2A	20191002	Sunny	Moderate	Mid-Flood	S	1	08:23	6.31	8.25	27.5	28.15	3.4	5	112	0.234	W
C2A	20191002	Sunny	Moderate	Mid-Flood	S	1	08:23	6.57	8.2	27.71	28.11	3.37	5	112	0.21	W
CR1	20191002	Sunny	Moderate	Mid-Flood	B	11.1	08:38	6.3	8.17	27.71	28.09	2.72	12	113	0.142	W

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CR1	20191002	Sunny	Moderate	Mid-Flood	B	11.1	08:38	6.65	8.19	27.21	28.03	2.9	12	112	0.204	W
CR1	20191002	Sunny	Moderate	Mid-Flood	M	6.05	08:39	6.37	7.86	27.58	28.39	3.17	10	112	0.273	W
CR1	20191002	Sunny	Moderate	Mid-Flood	M	6.05	08:39	6.26	8.27	27.55	28.37	3.31	11	112	0.171	W
CR1	20191002	Sunny	Moderate	Mid-Flood	S	1	08:40	6.85	8.14	27.24	28.19	2.99	8	113	0.256	W
CR1	20191002	Sunny	Moderate	Mid-Flood	S	1	08:40	6.52	8.18	27.34	28.23	3.4	9	112	0.164	W
CR2	20191002	Sunny	Moderate	Mid-Flood	B	9.9	09:11	6.46	7.91	27.75	28.61	2.56	6	112	0.288	NW
CR2	20191002	Sunny	Moderate	Mid-Flood	B	9.9	09:11	6.66	8.17	27.83	28.42	2.97	7	112	0.203	SW
CR2	20191002	Sunny	Moderate	Mid-Flood	M	5.45	09:12	6.53	8.06	27.54	28.6	3.23	5	112	0.275	SW
CR2	20191002	Sunny	Moderate	Mid-Flood	M	5.45	09:12	6.17	8.09	27.26	28.41	2.83	6	112	0.211	W
CR2	20191002	Sunny	Moderate	Mid-Flood	S	1	09:13	6.63	8.08	27.28	28.59	3.18	6	112	0.22	W
CR2	20191002	Sunny	Moderate	Mid-Flood	S	1	09:13	6.19	8.13	27.27	28.43	3.41	7	112	0.237	W
F1A	20191002	Sunny	Moderate	Mid-Flood	B	7.3	10:32	6.17	7.88	27.32	28.59	3.01	6	113	0.163	SW
F1A	20191002	Sunny	Moderate	Mid-Flood	B	7.3	10:32	6.57	7.9	27.32	28.62	2.87	6	112	0.18	W
F1A	20191002	Sunny	Moderate	Mid-Flood	M	4.15	10:33	6.57	7.91	27.32	28.71	2.86	6	113	0.223	SW
F1A	20191002	Sunny	Moderate	Mid-Flood	M	4.15	10:33	6.46	8.22	27.57	28.63	2.92	6	112	0.137	W
F1A	20191002	Sunny	Moderate	Mid-Flood	S	1	10:34	6.86	8.17	27.23	28.67	3.08	4	112	0.277	W
F1A	20191002	Sunny	Moderate	Mid-Flood	S	1	10:34	6.82	7.95	27.59	28.57	2.99	5	113	0.279	SW
H1	20191002	Sunny	Moderate	Mid-Flood	B	7.6	09:33	6.53	8.18	27.31	28.33	2.64	9	112	0.231	W
H1	20191002	Sunny	Moderate	Mid-Flood	B	7.6	09:33	6.23	8.27	27.33	28.71	2.57	8	112	0.198	W
H1	20191002	Sunny	Moderate	Mid-Flood	M	4.3	09:34	6.36	7.89	27.76	28.31	2.98	8	112	0.259	W
H1	20191002	Sunny	Moderate	Mid-Flood	M	4.3	09:34	6.42	8.16	27.66	28.58	2.81	9	112	0.196	W
H1	20191002	Sunny	Moderate	Mid-Flood	S	1	09:35	6.69	8	27.45	28.44	3.42	7	111	0.145	SW
H1	20191002	Sunny	Moderate	Mid-Flood	S	1	09:35	6.79	8.18	27.59	28.73	3.29	8	112	0.143	W
M1	20191002	Sunny	Moderate	Mid-Flood	B	6.4	10:32	6.45	7.94	27.45	28.88	2.8	5	113	0.244	W
M1	20191002	Sunny	Moderate	Mid-Flood	B	6.4	10:32	6.69	8.25	27.59	28.69	3.12	5	112	0.204	W
M1	20191002	Sunny	Moderate	Mid-Flood	M	3.7	10:33	6.83	8.07	27.51	28.53	3.21	4	112	0.22	NW
M1	20191002	Sunny	Moderate	Mid-Flood	M	3.7	10:33	6.41	8.25	27.31	28.7	3	4	112	0.128	SW
M1	20191002	Sunny	Moderate	Mid-Flood	S	1	10:34	6.17	7.9	27.47	28.59	3.12	4	113	0.193	SW
M1	20191002	Sunny	Moderate	Mid-Flood	S	1	10:34	6.44	7.94	27.36	28.85	3.25	5	112	0.221	W

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S1	20191002	Sunny	Moderate	Mid-Flood	B	4.2	09:10	6.71	8.04	27.7	28.38	2.72	7	113	0.237	SW
S1	20191002	Sunny	Moderate	Mid-Flood	B	4.2	09:10	6.74	8.22	27.64	28.42	3.07	7	113	0.169	W
S1	20191002	Sunny	Moderate	Mid-Flood	S	1	09:11	6.39	8.26	27.43	28.33	3.38	5	112	0.169	W
S1	20191002	Sunny	Moderate	Mid-Flood	S	1	09:11	6.45	8.1	27.38	28.63	3.44	5	112	0.234	NW
S2A	20191002	Sunny	Moderate	Mid-Flood	B	8.6	09:40	6.22	8.21	27.26	28.43	3.01	8	112	0.15	SW
S2A	20191002	Sunny	Moderate	Mid-Flood	B	8.6	09:40	6.44	8.26	27.29	28.6	3.02	9	113	0.234	W
S2A	20191002	Sunny	Moderate	Mid-Flood	M	4.8	09:41	6.72	8.26	27.8	28.46	2.89	6	112	0.152	W
S2A	20191002	Sunny	Moderate	Mid-Flood	M	4.8	09:41	6.41	8.02	27.72	28.79	2.79	7	113	0.224	NW
S2A	20191002	Sunny	Moderate	Mid-Flood	S	1	09:42	6.46	8.29	27.34	28.62	2.93	7	112	0.13	W
S2A	20191002	Sunny	Moderate	Mid-Flood	S	1	09:42	6.22	8.29	27.38	28.36	3.21	6	113	0.127	SW
S3	20191002	Sunny	Moderate	Mid-Flood	B	9	08:59	6.85	8.06	27.41	28.75	2.88	10	112	0.198	W
S3	20191002	Sunny	Moderate	Mid-Flood	B	9	08:59	6.53	7.89	27.25	28.73	2.75	10	112	0.146	W
S3	20191002	Sunny	Moderate	Mid-Flood	M	5	09:00	6.64	7.86	27.83	28.54	2.92	9	112	0.162	NW
S3	20191002	Sunny	Moderate	Mid-Flood	M	5	09:00	6.37	7.97	27.61	28.27	2.8	9	112	0.174	W
S3	20191002	Sunny	Moderate	Mid-Flood	S	1	09:01	6.23	7.92	27.8	28.56	3.09	8	112	0.205	W
S3	20191002	Sunny	Moderate	Mid-Flood	S	1	09:01	6.15	8.2	27.67	28.43	3.18	9	113	0.125	W
B1	20191002	Sunny	Moderate	Mid-Ebb	B	3.9	13:38	5.99	7.9	27.68	29.23	2.85	5	113	0.158	S
B1	20191002	Sunny	Moderate	Mid-Ebb	B	3.9	13:38	6.26	8.09	27.54	29.41	2.83	5	113	0.153	E
B1	20191002	Sunny	Moderate	Mid-Ebb	S	1	13:39	6.34	8.05	27.78	29.58	2.92	6	112	0.13	E
B1	20191002	Sunny	Moderate	Mid-Ebb	S	1	13:39	5.95	8.16	27.9	29.57	2.89	5	112	0.086	SE
B2	20191002	Sunny	Moderate	Mid-Ebb	B	4	14:10	6.43	7.89	27.88	29.35	2.68	7	112	0.097	S
B2	20191002	Sunny	Moderate	Mid-Ebb	B	4	14:10	6.59	7.9	27.69	29.74	2.92	6	112	0.131	SE
B2	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:11	6.28	8.2	27.65	29.72	3.06	4	112	0.082	SE
B2	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:11	6.03	8.15	27.62	29.37	2.78	4	113	0.148	E
B3	20191002	Sunny	Moderate	Mid-Ebb	B	3.8	14:51	6.72	8.19	27.64	29.64	2.61	6	112	0.133	S
B3	20191002	Sunny	Moderate	Mid-Ebb	B	3.8	14:51	6.72	8.15	27.61	29.35	2.78	6	112	0.108	S
B3	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:52	6.78	8	27.82	29.71	2.95	5	113	0.086	S
B3	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:52	6.63	8.09	27.65	29.49	2.99	6	112	0.156	SE
B4	20191002	Sunny	Moderate	Mid-Ebb	B	3.4	15:01	6.36	8.15	27.75	29.67	3.08	7	112	0.143	SE

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B4	20191002	Sunny	Moderate	Mid-Ebb	B	3.4	15:01	6.41	7.92	27.65	29.33	2.55	8	113	0.132	SE
B4	20191002	Sunny	Moderate	Mid-Ebb	S	1	15:02	6.74	8.16	27.75	29.56	2.78	5	113	0.228	SE
B4	20191002	Sunny	Moderate	Mid-Ebb	S	1	15:02	6.62	7.87	27.75	29.45	3.18	4	112	0.094	SE
C1A	20191002	Sunny	Moderate	Mid-Ebb	B	8.3	13:08	5.95	8.06	27.77	29.22	2.82	8	112	0.101	E
C1A	20191002	Sunny	Moderate	Mid-Ebb	B	8.3	13:08	6.16	8.07	27.88	29.35	2.56	7	112	0.159	SE
C1A	20191002	Sunny	Moderate	Mid-Ebb	M	4.65	13:09	6.47	8.01	27.59	29.39	3.15	8	113	0.102	SE
C1A	20191002	Sunny	Moderate	Mid-Ebb	M	4.65	13:09	6.63	8.18	27.53	29.38	3.07	7	114	0.115	S
C1A	20191002	Sunny	Moderate	Mid-Ebb	S	1	13:10	6.43	7.89	27.57	29.34	3.16	7	113	0.156	SE
C1A	20191002	Sunny	Moderate	Mid-Ebb	S	1	13:10	6.24	7.99	27.51	29.49	3.31	8	113	0.175	SE
C2A	20191002	Sunny	Moderate	Mid-Ebb	B	10.9	13:18	6.02	7.98	27.58	29.22	2.9	7	113	0.239	S
C2A	20191002	Sunny	Moderate	Mid-Ebb	B	10.9	13:18	6.8	7.87	27.65	29.59	2.79	6	112	0.176	E
C2A	20191002	Sunny	Moderate	Mid-Ebb	M	5.95	13:19	6.45	7.92	27.59	29.3	2.97	7	113	0.203	S
C2A	20191002	Sunny	Moderate	Mid-Ebb	M	5.95	13:19	6.82	8.08	27.52	29.4	3.01	6	112	0.212	E
C2A	20191002	Sunny	Moderate	Mid-Ebb	S	1	13:20	5.95	8.01	27.79	29.59	3.11	6	113	0.17	SE
C2A	20191002	Sunny	Moderate	Mid-Ebb	S	1	13:20	5.93	7.86	27.7	29.5	3.28	5	112	0.196	S
CR1	20191002	Sunny	Moderate	Mid-Ebb	B	11.4	13:37	6.25	7.94	27.72	29.52	3.08	7	112	0.22	E
CR1	20191002	Sunny	Moderate	Mid-Ebb	B	11.4	13:37	6.59	8.05	27.83	29.37	2.91	7	112	0.225	SE
CR1	20191002	Sunny	Moderate	Mid-Ebb	M	6.2	13:38	6.24	7.97	27.56	29.59	3.22	6	113	0.213	SE
CR1	20191002	Sunny	Moderate	Mid-Ebb	M	6.2	13:38	5.94	8.1	27.74	29.54	3.22	7	112	0.224	SE
CR1	20191002	Sunny	Moderate	Mid-Ebb	S	1	13:39	6.17	8.05	27.63	29.48	2.86	6	112	0.122	SE
CR1	20191002	Sunny	Moderate	Mid-Ebb	S	1	13:39	6.25	8.1	27.53	29.45	2.79	6	115	0.251	SE
CR2	20191002	Sunny	Moderate	Mid-Ebb	B	10.1	14:10	6.43	8.16	27.68	29.47	2.7	8	113	0.102	E
CR2	20191002	Sunny	Moderate	Mid-Ebb	B	10.1	14:10	6.15	8.2	27.65	29.69	2.58	7	112	0.183	SE
CR2	20191002	Sunny	Moderate	Mid-Ebb	M	5.55	14:11	6.43	7.89	27.62	29.47	2.86	7	112	0.102	S
CR2	20191002	Sunny	Moderate	Mid-Ebb	M	5.55	14:11	6.82	8.05	27.51	29.5	2.92	7	113	0.171	S
CR2	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:12	6.68	7.87	27.64	29.48	3.36	6	111	0.137	SE
CR2	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:12	6.69	8.21	27.82	29.51	3.15	6	113	0.105	S
F1A	20191002	Sunny	Moderate	Mid-Ebb	B	7.8	15:21	6.26	8.08	27.58	29.46	2.83	11	110	0.158	S
F1A	20191002	Sunny	Moderate	Mid-Ebb	B	7.8	15:21	6.11	8.01	27.53	29.57	2.9	10	108	0.204	E

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F1A	20191002	Sunny	Moderate	Mid-Ebb	M	4.4	15:22	6.07	8.21	27.51	29.55	2.71	7	110	0.109	SE
F1A	20191002	Sunny	Moderate	Mid-Ebb	M	4.4	15:22	6.69	7.92	27.5	29.31	2.83	8	111	0.197	E
F1A	20191002	Sunny	Moderate	Mid-Ebb	S	1	15:23	6.08	8.05	27.76	29.7	3.34	6	112	0.225	SE
F1A	20191002	Sunny	Moderate	Mid-Ebb	S	1	15:23	6.5	8.07	27.65	29.57	3	6	113	0.225	E
H1	20191002	Sunny	Moderate	Mid-Ebb	B	7.4	14:30	6.46	7.94	27.89	29.53	2.9	8	112	0.15	E
H1	20191002	Sunny	Moderate	Mid-Ebb	B	7.4	14:30	6.17	8.23	27.78	29.42	2.75	7	113	0.135	S
H1	20191002	Sunny	Moderate	Mid-Ebb	M	4.2	14:31	6.55	8.17	27.89	29.6	3.07	7	113	0.202	S
H1	20191002	Sunny	Moderate	Mid-Ebb	M	4.2	14:31	6.48	8.14	27.59	29.57	3.01	8	113	0.144	S
H1	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:32	6.52	8.11	27.76	29.47	3.32	6	112	0.115	SE
H1	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:32	6.7	8.16	27.79	29.47	3.11	6	113	0.146	S
M1	20191002	Sunny	Moderate	Mid-Ebb	B	8.2	15:33	6.85	7.89	27.63	29.57	2.83	8	112	0.094	SE
M1	20191002	Sunny	Moderate	Mid-Ebb	B	8.2	15:33	6.82	7.86	27.78	29.63	2.76	8	112	0.082	S
M1	20191002	Sunny	Moderate	Mid-Ebb	M	4.6	15:34	6.02	7.89	27.83	29.62	2.87	7	113	0.078	S
M1	20191002	Sunny	Moderate	Mid-Ebb	M	4.6	15:34	6.09	8.06	27.87	29.54	2.71	6	113	0.096	S
M1	20191002	Sunny	Moderate	Mid-Ebb	S	1	15:35	6.1	7.94	27.68	29.67	3.08	6	112	0.175	E
M1	20191002	Sunny	Moderate	Mid-Ebb	S	1	15:35	6.79	8.13	27.79	29.54	3.25	6	114	0.143	E
S1	20191002	Sunny	Moderate	Mid-Ebb	B	4	14:01	6.63	7.92	27.61	29.64	2.88	6	110	0.229	SE
S1	20191002	Sunny	Moderate	Mid-Ebb	B	4	14:01	6.4	8.1	27.54	29.48	2.74	5	112	0.095	E
S1	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:02	6.21	8.16	27.9	29.59	2.8	6	110	0.244	E
S1	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:02	6.65	8	27.66	29.43	3.02	5	109	0.131	S
S2A	20191002	Sunny	Moderate	Mid-Ebb	B	8.2	14:22	5.92	7.88	27.79	29.47	2.86	5	114	0.209	S
S2A	20191002	Sunny	Moderate	Mid-Ebb	B	8.2	14:22	6.37	7.92	27.82	29.47	3.05	6	111	0.138	E
S2A	20191002	Sunny	Moderate	Mid-Ebb	M	4.6	14:23	6.53	7.87	27.85	29.54	2.95	6	110	0.213	S
S2A	20191002	Sunny	Moderate	Mid-Ebb	M	4.6	14:23	6.31	8.15	27.73	29.54	2.92	5	111	0.237	S
S2A	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:24	5.98	8.06	27.59	29.58	3.18	5	109	0.218	SE
S2A	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:24	6.22	8.2	27.63	29.61	2.86	6	110	0.134	S
S3	20191002	Sunny	Moderate	Mid-Ebb	B	10.5	13:58	6.51	7.96	27.67	29.6	2.55	6	113	0.165	SE
S3	20191002	Sunny	Moderate	Mid-Ebb	B	10.5	13:58	6.84	8.18	27.88	29.55	2.94	7	113	0.088	S
S3	20191002	Sunny	Moderate	Mid-Ebb	M	5.75	13:59	6.2	8.12	27.7	29.49	2.86	7	113	0.24	S

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20191002	Sunny	Moderate	Mid-Ebb	M	5.75	13:59	6.36	8.2	27.57	29.45	3.13	6	113	0.207	SE
S3	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:00	6.5	8.2	27.9	29.53	3.19	6	112	0.077	SE
S3	20191002	Sunny	Moderate	Mid-Ebb	S	1	14:00	6.82	7.9	27.66	29.55	2.97	5	115	0.098	SE
B1	20191004	Sunny	Moderate	Mid-Flood	B	4.6	10:12	6.2	8.32	27.84	28.81	2.89	7	111	0.29	W
B1	20191004	Sunny	Moderate	Mid-Flood	B	4.6	10:12	6.48	8.25	27.92	29.02	3.34	7	110	0.257	SW
B1	20191004	Sunny	Moderate	Mid-Flood	S	1	10:13	6.8	8.15	28.44	28.97	2.5	6	110	0.277	W
B1	20191004	Sunny	Moderate	Mid-Flood	S	1	10:13	6.18	8.16	28.01	29.06	2.57	6	111	0.141	NW
B2	20191004	Sunny	Moderate	Mid-Flood	B	4.1	10:33	6.32	8.3	27.81	29.1	2.98	7	111	0.259	W
B2	20191004	Sunny	Moderate	Mid-Flood	B	4.1	10:33	6.62	8.37	28.36	29.09	3.32	7	110	0.204	W
B2	20191004	Sunny	Moderate	Mid-Flood	S	1	10:34	6.96	8.11	28.21	29.05	2.84	5	111	0.282	W
B2	20191004	Sunny	Moderate	Mid-Flood	S	1	10:34	6.2	8.09	28.03	29.18	2.61	6	110	0.174	W
B3	20191004	Sunny	Moderate	Mid-Flood	B	3.9	10:20	6.71	8.35	27.96	29.09	3.43	6	111	0.246	NW
B3	20191004	Sunny	Moderate	Mid-Flood	B	3.9	10:20	6.19	8.15	28.26	29.17	3.6	6	110	0.251	SW
B3	20191004	Sunny	Moderate	Mid-Flood	S	1	10:21	6.78	8.13	28.07	28.95	2.85	6	110	0.193	W
B3	20191004	Sunny	Moderate	Mid-Flood	S	1	10:21	6.26	7.97	27.73	29.17	2.86	7	110	0.288	SW
B4	20191004	Sunny	Moderate	Mid-Flood	B	3.6	10:32	6.32	8.25	28.16	29.1	3.18	8	110	0.252	W
B4	20191004	Sunny	Moderate	Mid-Flood	B	3.6	10:32	6.39	8.46	27.82	28.96	3.16	9	110	0.24	W
B4	20191004	Sunny	Moderate	Mid-Flood	S	1	10:33	7.01	8.33	28.36	28.91	2.68	7	110	0.278	W
B4	20191004	Sunny	Moderate	Mid-Flood	S	1	10:33	7.03	7.98	27.96	28.94	2.43	8	110	0.288	NW
C1A	20191004	Sunny	Moderate	Mid-Flood	B	10.8	09:45	6.64	8.24	27.81	28.95	3.33	9	109	0.183	W
C1A	20191004	Sunny	Moderate	Mid-Flood	B	10.8	09:45	6.51	8.17	28.36	28.8	3.04	9	112	0.138	W
C1A	20191004	Sunny	Moderate	Mid-Flood	M	5.9	09:46	6.57	8.13	27.71	28.85	2.62	7	110	0.191	NW
C1A	20191004	Sunny	Moderate	Mid-Flood	M	5.9	09:46	6.66	8.41	27.77	29.07	2.74	8	110	0.192	W
C1A	20191004	Sunny	Moderate	Mid-Flood	S	1	09:47	6.41	8.06	27.92	28.81	2.76	7	110	0.136	NW
C1A	20191004	Sunny	Moderate	Mid-Flood	S	1	09:47	6.18	7.98	28.21	28.9	2.7	6	111	0.166	W
C2A	20191004	Sunny	Moderate	Mid-Flood	B	10.9	09:17	6.54	8.22	28.02	28.61	3.35	6	110	0.157	NW
C2A	20191004	Sunny	Moderate	Mid-Flood	B	10.9	09:17	6.53	8.01	27.94	28.72	3.46	6	111	0.169	SW
C2A	20191004	Sunny	Moderate	Mid-Flood	M	5.95	09:18	6.45	8.05	27.87	28.58	2.7	5	109	0.221	SW
C2A	20191004	Sunny	Moderate	Mid-Flood	M	5.95	09:18	6.91	8.23	27.86	28.5	3.06	6	109	0.225	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20191004	Sunny	Moderate	Mid-Flood	S	1	09:19	6.27	8.28	27.81	28.52	2.64	5	108	0.151	W
C2A	20191004	Sunny	Moderate	Mid-Flood	S	1	09:19	6.59	8.14	28.12	28.87	2.74	4	108	0.156	W
CR1	20191004	Sunny	Moderate	Mid-Flood	B	11.6	09:39	6.58	8.08	28.33	29.06	3.17	9	112	0.16	SW
CR1	20191004	Sunny	Moderate	Mid-Flood	B	11.6	09:39	6.38	7.98	28.37	29.02	3.39	8	110	0.219	NW
CR1	20191004	Sunny	Moderate	Mid-Flood	M	6.3	09:40	6.41	7.98	27.91	28.83	2.99	11	111	0.258	SW
CR1	20191004	Sunny	Moderate	Mid-Flood	M	6.3	09:40	6.42	8.46	27.71	28.89	3.13	10	111	0.125	SW
CR1	20191004	Sunny	Moderate	Mid-Flood	S	1	09:41	6.95	8.46	28.4	28.95	3.04	10	110	0.236	W
CR1	20191004	Sunny	Moderate	Mid-Flood	S	1	09:41	6.33	8.09	28.42	28.96	2.83	8	111	0.159	NW
CR2	20191004	Sunny	Moderate	Mid-Flood	B	9.7	11:20	6.98	8.29	28.34	29.23	3.3	7	111	0.236	W
CR2	20191004	Sunny	Moderate	Mid-Flood	B	9.7	11:20	6.17	8	28.07	29.15	3.55	7	112	0.268	NW
CR2	20191004	Sunny	Moderate	Mid-Flood	M	5.35	11:21	6.47	8.38	28.09	29.31	3.25	6	112	0.219	W
CR2	20191004	Sunny	Moderate	Mid-Flood	M	5.35	11:21	6.4	8.06	28.37	29.24	3.15	6	112	0.152	W
CR2	20191004	Sunny	Moderate	Mid-Flood	S	1	11:22	6.26	8.43	28.14	29.19	2.91	6	110	0.199	W
CR2	20191004	Sunny	Moderate	Mid-Flood	S	1	11:22	6.88	8.47	27.91	29.23	2.7	5	110	0.254	W
F1A	20191004	Sunny	Moderate	Mid-Flood	B	7.2	11:01	6.81	8.18	28.14	29.21	3.32	7	109	0.163	W
F1A	20191004	Sunny	Moderate	Mid-Flood	B	7.2	11:01	6.87	8.14	27.76	29.05	3.09	6	108	0.175	SW
F1A	20191004	Sunny	Moderate	Mid-Flood	M	4.1	11:02	6.73	8.06	28.15	29.03	3.07	6	109	0.29	W
F1A	20191004	Sunny	Moderate	Mid-Flood	M	4.1	11:02	7.04	8.07	27.93	29.15	2.64	7	110	0.235	SW
F1A	20191004	Sunny	Moderate	Mid-Flood	S	1	11:03	6.83	8.15	28.45	29.15	2.57	6	109	0.18	NW
F1A	20191004	Sunny	Moderate	Mid-Flood	S	1	11:03	6.83	8.17	28.31	29.02	2.44	6	109	0.134	SW
H1	20191004	Sunny	Moderate	Mid-Flood	B	6.5	09:59	6.71	8.02	28.31	28.93	2.98	7	111	0.235	NW
H1	20191004	Sunny	Moderate	Mid-Flood	B	6.5	09:59	7.07	8.3	27.79	28.98	3.14	8	110	0.222	W
H1	20191004	Sunny	Moderate	Mid-Flood	M	3.75	10:00	6.77	8.31	28.24	28.88	2.63	7	111	0.199	W
H1	20191004	Sunny	Moderate	Mid-Flood	M	3.75	10:00	6.72	8.04	28.18	28.84	2.59	8	112	0.202	W
H1	20191004	Sunny	Moderate	Mid-Flood	S	1	10:01	6.92	8.27	27.78	28.95	2.58	6	111	0.253	W
H1	20191004	Sunny	Moderate	Mid-Flood	S	1	10:01	6.63	8.08	27.77	28.89	2.57	7	110	0.185	W
M1	20191004	Sunny	Moderate	Mid-Flood	B	7.4	11:37	6.24	8.41	27.89	29.21	2.98	6	111	0.288	W
M1	20191004	Sunny	Moderate	Mid-Flood	B	7.4	11:37	6.24	8.45	27.76	29.26	2.97	7	112	0.252	W
M1	20191004	Sunny	Moderate	Mid-Flood	M	4.2	11:38	6.15	8.46	28.03	29.29	2.66	5	111	0.23	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20191004	Sunny	Moderate	Mid-Flood	M	4.2	11:38	6.75	8.18	28.22	29.31	2.84	6	110	0.234	W
M1	20191004	Sunny	Moderate	Mid-Flood	S	1	11:39	6.85	8.3	28	29.31	2.89	5	111	0.142	SW
M1	20191004	Sunny	Moderate	Mid-Flood	S	1	11:39	6.61	8.34	27.9	29.21	2.73	5	110	0.289	NW
S1	20191004	Sunny	Moderate	Mid-Flood	B	4.4	10:23	6.17	8.07	28.23	28.9	2.95	6	110	0.231	W
S1	20191004	Sunny	Moderate	Mid-Flood	B	4.4	10:23	6.99	7.96	28.02	29	2.92	7	107	0.255	W
S1	20191004	Sunny	Moderate	Mid-Flood	S	1	10:24	6.43	8.2	27.87	29.04	2.44	6	110	0.269	W
S1	20191004	Sunny	Moderate	Mid-Flood	S	1	10:24	6.8	8.37	28.37	29.07	2.51	5	108	0.243	NW
S2A	20191004	Sunny	Moderate	Mid-Flood	B	8.7	10:54	7.02	8.3	27.8	28.97	3.37	7	110	0.256	W
S2A	20191004	Sunny	Moderate	Mid-Flood	B	8.7	10:54	6.88	8.23	28.12	29.13	3.05	7	108	0.287	SW
S2A	20191004	Sunny	Moderate	Mid-Flood	M	4.85	10:55	6.9	8.2	27.9	28.91	2.69	5	108	0.141	W
S2A	20191004	Sunny	Moderate	Mid-Flood	M	4.85	10:55	6.55	8.13	28.44	29	2.94	6	108	0.204	SW
S2A	20191004	Sunny	Moderate	Mid-Flood	S	1	10:56	7	8.35	27.97	29.14	2.78	6	109	0.124	NW
S2A	20191004	Sunny	Moderate	Mid-Flood	S	1	10:56	6.83	8.01	28.27	28.96	2.84	5	110	0.191	W
S3	20191004	Sunny	Moderate	Mid-Flood	B	8.4	11:32	6.8	7.97	28.25	29.15	3.62	8	110	0.255	W
S3	20191004	Sunny	Moderate	Mid-Flood	B	8.4	11:32	6.96	7.97	28.01	29.23	3.9	7	110	0.171	W
S3	20191004	Sunny	Moderate	Mid-Flood	M	4.7	11:33	6.74	8.25	27.84	29.22	2.95	8	109	0.272	NW
S3	20191004	Sunny	Moderate	Mid-Flood	M	4.7	11:33	6.24	8.49	27.81	29.27	2.97	8	110	0.195	W
S3	20191004	Sunny	Moderate	Mid-Flood	S	1	11:34	6.51	8.33	27.8	29.08	2.81	4	110	0.147	W
S3	20191004	Sunny	Moderate	Mid-Flood	S	1	11:34	7.01	7.97	28.39	29.29	2.84	5	108	0.197	NW
B1	20191004	Sunny	Moderate	Mid-Ebb	B	3.6	15:13	6.92	8.19	27.95	29.25	3.07	8	110	0.194	SE
B1	20191004	Sunny	Moderate	Mid-Ebb	B	3.6	15:13	6.88	8.22	27.93	29.52	3.06	9	111	0.161	SE
B1	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:14	6.45	7.93	28	29.36	2.46	8	110	0.105	E
B1	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:14	6.23	8.12	28.25	29.63	2.87	8	110	0.152	SE
B2	20191004	Sunny	Moderate	Mid-Ebb	B	4.5	15:34	6.28	7.99	28.18	29.59	3.1	7	110	0.226	E
B2	20191004	Sunny	Moderate	Mid-Ebb	B	4.5	15:34	6.82	8.24	28.05	29.43	3.3	6	110	0.148	S
B2	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:35	6.8	7.94	28.04	29.34	2.98	6	110	0.103	E
B2	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:35	6.69	8.12	28.13	29.62	2.66	7	111	0.182	S
B3	20191004	Sunny	Moderate	Mid-Ebb	B	3.4	16:04	6.86	8.13	28.02	29.14	3.53	9	111	0.165	E
B3	20191004	Sunny	Moderate	Mid-Ebb	B	3.4	16:04	6.47	7.99	28.16	29.43	3.28	8	111	0.086	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B3	20191004	Sunny	Moderate	Mid-Ebb	S	1	16:05	6.09	8.01	27.87	29.34	2.63	4	111	0.189	S
B3	20191004	Sunny	Moderate	Mid-Ebb	S	1	16:05	6.52	8.11	28.16	29.22	2.84	5	111	0.189	S
B4	20191004	Sunny	Moderate	Mid-Ebb	B	3.9	16:15	6.05	8.16	28.07	29.55	3.25	7	111	0.17	E
B4	20191004	Sunny	Moderate	Mid-Ebb	B	3.9	16:15	6.38	8.17	27.89	29.16	3.41	7	111	0.145	S
B4	20191004	Sunny	Moderate	Mid-Ebb	S	1	16:16	6.11	7.98	27.98	29.45	2.65	6	110	0.239	SE
B4	20191004	Sunny	Moderate	Mid-Ebb	S	1	16:16	6.67	8.18	27.89	29.12	2.84	5	111	0.096	S
C1A	20191004	Sunny	Moderate	Mid-Ebb	B	8.8	14:48	6.41	8.07	27.87	29.43	3.52	6	111	0.119	S
C1A	20191004	Sunny	Moderate	Mid-Ebb	B	8.8	14:48	6.53	8.09	28.13	29.53	3.04	6	110	0.252	S
C1A	20191004	Sunny	Moderate	Mid-Ebb	M	4.9	14:49	6.89	7.98	28.25	29.37	2.51	6	111	0.12	E
C1A	20191004	Sunny	Moderate	Mid-Ebb	M	4.9	14:49	6.18	8.06	28.08	29.54	2.8	6	111	0.227	SE
C1A	20191004	Sunny	Moderate	Mid-Ebb	S	1	14:50	6.46	7.88	28.26	29.66	3.01	7	111	0.172	S
C1A	20191004	Sunny	Moderate	Mid-Ebb	S	1	14:50	6.59	8.24	27.96	29.63	2.83	6	112	0.109	E
C2A	20191004	Sunny	Moderate	Mid-Ebb	B	11.3	14:58	6.47	7.87	28.2	29.46	3.04	7	110	0.163	SE
C2A	20191004	Sunny	Moderate	Mid-Ebb	B	11.3	14:58	6.46	8.15	28.01	29.43	3.16	7	110	0.237	SE
C2A	20191004	Sunny	Moderate	Mid-Ebb	M	6.15	14:59	6.53	8.16	28.09	29.59	3.05	7	110	0.14	E
C2A	20191004	Sunny	Moderate	Mid-Ebb	M	6.15	14:59	6.78	8.02	28.23	29.56	2.79	8	110	0.176	E
C2A	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:00	6.77	7.87	28.07	29.48	2.7	7	110	0.239	SE
C2A	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:00	6.82	8	27.86	29.56	2.97	8	111	0.209	SE
CR1	20191004	Sunny	Moderate	Mid-Ebb	B	12.3	15:21	6.06	8.23	28.2	29.29	3.5	7	111	0.115	S
CR1	20191004	Sunny	Moderate	Mid-Ebb	B	12.3	15:21	6.33	8.17	28.25	29.41	3.7	8	111	0.239	SE
CR1	20191004	Sunny	Moderate	Mid-Ebb	M	6.65	15:22	6.72	7.95	28.19	29.3	3.35	9	111	0.078	E
CR1	20191004	Sunny	Moderate	Mid-Ebb	M	6.65	15:22	6.26	8.15	28.01	29.49	2.86	8	111	0.133	SE
CR1	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:23	6.27	7.99	28.07	29.38	3.17	8	112	0.107	E
CR1	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:23	6.71	8.15	27.94	29.62	3.1	9	111	0.17	SE
CR2	20191004	Sunny	Moderate	Mid-Ebb	B	11.3	16:21	6.71	7.99	28.11	29.41	4.49	14	111	0.222	S
CR2	20191004	Sunny	Moderate	Mid-Ebb	B	11.3	16:21	6.63	7.91	27.99	29.36	4.53	15	111	0.114	SE
CR2	20191004	Sunny	Moderate	Mid-Ebb	M	6.15	16:22	6.45	8.19	28.06	29.39	3.51	15	110	0.164	SE
CR2	20191004	Sunny	Moderate	Mid-Ebb	M	6.15	16:22	6.96	8.09	27.94	29.21	3.46	14	110	0.197	SE
CR2	20191004	Sunny	Moderate	Mid-Ebb	S	1	16:23	6.09	7.99	27.86	29.32	3.74	11	111	0.117	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 (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20191004	Sunny	Moderate	Mid-Ebb	S	1	16:23	6.26	8.12	28	29.13	3.85	12	110	0.151	SE
F1A	20191004	Sunny	Moderate	Mid-Ebb	B	7.2	16:48	6.35	8.21	27.96	29.22	3.49	6	111	0.2	E
F1A	20191004	Sunny	Moderate	Mid-Ebb	B	7.2	16:48	6.27	8.15	27.81	29.18	3.57	6	111	0.183	S
F1A	20191004	Sunny	Moderate	Mid-Ebb	M	4.1	16:49	6.17	8.08	27.96	29.18	2.91	7	111	0.102	S
F1A	20191004	Sunny	Moderate	Mid-Ebb	M	4.1	16:49	6.62	8.19	28.17	29.38	2.58	6	110	0.093	SE
F1A	20191004	Sunny	Moderate	Mid-Ebb	S	1	16:50	6.75	8.18	27.99	29.42	2.55	7	110	0.227	SE
F1A	20191004	Sunny	Moderate	Mid-Ebb	S	1	16:50	6.14	7.92	28.02	29.25	2.63	7	111	0.164	SE
H1	20191004	Sunny	Moderate	Mid-Ebb	B	7	15:42	6.51	8.03	28.27	29.33	3.44	6	111	0.157	S
H1	20191004	Sunny	Moderate	Mid-Ebb	B	7	15:42	6.67	7.98	28.04	29.55	3.08	5	111	0.169	S
H1	20191004	Sunny	Moderate	Mid-Ebb	M	4	15:43	6.35	8.18	28.02	29.33	2.98	6	111	0.135	SE
H1	20191004	Sunny	Moderate	Mid-Ebb	M	4	15:43	6.38	8.11	28.15	29.48	3	7	110	0.203	S
H1	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:44	6.79	8.18	28.22	29.4	2.84	6	110	0.218	SE
H1	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:44	6.24	8.07	27.98	29.49	3.01	6	111	0.216	SE
M1	20191004	Sunny	Moderate	Mid-Ebb	B	8.7	17:23	6.36	8.18	27.98	29.23	3.15	13	110	0.252	S
M1	20191004	Sunny	Moderate	Mid-Ebb	B	8.7	17:23	6.3	8.16	28.06	29.01	3.6	12	110	0.2	SE
M1	20191004	Sunny	Moderate	Mid-Ebb	M	4.85	17:24	6.06	8.11	28.12	28.91	2.96	12	111	0.12	SE
M1	20191004	Sunny	Moderate	Mid-Ebb	M	4.85	17:24	6.76	7.86	28.1	29.12	2.71	11	111	0.114	SE
M1	20191004	Sunny	Moderate	Mid-Ebb	S	1	17:25	6.08	7.93	28.02	29.25	2.54	11	111	0.198	SE
M1	20191004	Sunny	Moderate	Mid-Ebb	S	1	17:25	6.76	8.11	27.96	29.12	2.65	12	111	0.179	E
S1	20191004	Sunny	Moderate	Mid-Ebb	B	4.2	15:24	6.98	7.91	28.21	29.36	3.1	7	112	0.133	SE
S1	20191004	Sunny	Moderate	Mid-Ebb	B	4.2	15:24	6.88	8.24	27.97	29.2	3.4	7	111	0.166	E
S1	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:25	6.14	8.2	27.86	29.31	2.69	5	112	0.157	S
S1	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:25	6.58	8.14	28.23	29.4	2.64	6	110	0.183	E
S2A	20191004	Sunny	Moderate	Mid-Ebb	B	8	15:55	6.53	8.22	28.01	29.48	3.21	8	111	0.171	SE
S2A	20191004	Sunny	Moderate	Mid-Ebb	B	8	15:55	6.05	7.93	28	29.24	3.56	9	111	0.187	SE
S2A	20191004	Sunny	Moderate	Mid-Ebb	M	4.5	15:56	6.82	7.89	27.95	29.3	2.52	7	111	0.162	SE
S2A	20191004	Sunny	Moderate	Mid-Ebb	M	4.5	15:56	6.45	8.12	27.99	29.14	2.78	7	111	0.125	SE
S2A	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:57	6.18	8.1	28.23	29.34	2.94	6	105	0.198	SE
S2A	20191004	Sunny	Moderate	Mid-Ebb	S	1	15:57	6.37	7.93	27.82	29.27	2.56	5	107	0.247	S

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20191004	Sunny	Moderate	Mid-Ebb	B	9	16:33	6.7	7.95	28.12	29.26	4.07	10	111	0.181	E
S3	20191004	Sunny	Moderate	Mid-Ebb	B	9	16:33	6.21	7.99	28.27	29.2	4.58	11	111	0.111	S
S3	20191004	Sunny	Moderate	Mid-Ebb	M	5	16:34	6.61	7.96	27.96	29.23	3.93	8	112	0.208	E
S3	20191004	Sunny	Moderate	Mid-Ebb	M	5	16:34	6.29	8.04	28.1	29.38	3.63	8	112	0.147	S
S3	20191004	Sunny	Moderate	Mid-Ebb	S	1	16:35	6.98	8.22	28.19	29.38	3.74	6	111	0.252	E
S3	20191004	Sunny	Moderate	Mid-Ebb	S	1	16:35	6.14	8.02	28.17	29.36	3.69	7	111	0.203	S
B1	20191008	Sunny	Moderate	Mid-Ebb	B	3.6	09:15	6.46	8.08	29.18	28.51	3.42	5	111	0.078	E
B1	20191008	Sunny	Moderate	Mid-Ebb	B	3.6	09:15	6.27	8.11	29.12	28.47	3.01	6	111	0.212	SE
B1	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:16	5.95	7.95	28.75	28.66	2.49	4	111	0.19	S
B1	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:16	6.4	7.94	29.1	28.43	2.68	4	111	0.141	S
B2	20191008	Sunny	Moderate	Mid-Ebb	B	4.4	09:36	6.34	8.14	29.16	28.65	3.32	5	113	0.236	E
B2	20191008	Sunny	Moderate	Mid-Ebb	B	4.4	09:36	6.14	7.91	28.72	28.6	2.89	5	111	0.087	S
B2	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:37	6.16	7.99	28.88	28.62	2.49	6	111	0.196	SE
B2	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:37	6.08	7.97	29.09	28.45	2.85	5	112	0.179	SE
B3	20191008	Sunny	Moderate	Mid-Ebb	B	3.8	10:14	6.11	8.06	29.14	28.54	3.13	7	111	0.127	SE
B3	20191008	Sunny	Moderate	Mid-Ebb	B	3.8	10:14	6.52	8.09	28.86	28.45	3.18	7	112	0.092	SE
B3	20191008	Sunny	Moderate	Mid-Ebb	S	1	10:15	6.11	8.01	28.89	28.65	2.57	6	110	0.122	S
B3	20191008	Sunny	Moderate	Mid-Ebb	S	1	10:15	6.31	8.06	28.96	28.59	2.89	5	112	0.083	S
B4	20191008	Sunny	Moderate	Mid-Ebb	B	4	10:24	6.38	7.88	29.12	28.61	3.29	5	111	0.233	S
B4	20191008	Sunny	Moderate	Mid-Ebb	B	4	10:24	6.55	7.94	28.81	28.66	3.12	5	110	0.086	E
B4	20191008	Sunny	Moderate	Mid-Ebb	S	1	10:25	5.9	8.08	29.11	28.49	2.75	5	111	0.152	S
B4	20191008	Sunny	Moderate	Mid-Ebb	S	1	10:25	5.95	8.07	28.76	28.43	2.78	5	111	0.162	E
C1A	20191008	Sunny	Moderate	Mid-Ebb	B	9.2	08:42	6.14	7.94	28.91	28.35	3.12	6	111	0.228	E
C1A	20191008	Sunny	Moderate	Mid-Ebb	B	9.2	08:42	6.5	7.97	29.18	28.48	2.96	7	111	0.13	S
C1A	20191008	Sunny	Moderate	Mid-Ebb	M	5.1	08:43	6.28	8.1	28.71	28.5	2.92	6	111	0.171	SE
C1A	20191008	Sunny	Moderate	Mid-Ebb	M	5.1	08:43	5.91	8.12	28.98	28.57	2.88	6	112	0.119	S
C1A	20191008	Sunny	Moderate	Mid-Ebb	S	1	08:44	5.92	8	28.71	28.55	2.41	6	110	0.113	SE
C1A	20191008	Sunny	Moderate	Mid-Ebb	S	1	08:44	6.03	8.08	29.1	28.38	2.69	6	111	0.078	E
C2A	20191008	Sunny	Moderate	Mid-Ebb	B	10.3	09:05	5.99	7.89	29.14	28.5	3.4	6	111	0.124	S

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20191008	Sunny	Moderate	Mid-Ebb	B	10.3	09:05	6	7.91	28.9	28.39	3.25	6	111	0.136	SE
C2A	20191008	Sunny	Moderate	Mid-Ebb	M	5.65	09:06	6.45	8.12	28.82	28.52	2.42	7	111	0.128	SE
C2A	20191008	Sunny	Moderate	Mid-Ebb	M	5.65	09:06	6.34	8.08	28.83	28.38	2.77	6	111	0.22	SE
C2A	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:07	6.21	7.9	28.92	28.34	2.57	7	111	0.158	E
C2A	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:07	5.98	8.14	29	28.3	2.58	6	111	0.094	E
CR1	20191008	Sunny	Moderate	Mid-Ebb	B	11.7	09:28	6.34	7.93	29.12	28.47	3.24	5	111	0.085	S
CR1	20191008	Sunny	Moderate	Mid-Ebb	B	11.7	09:28	5.95	7.89	28.84	28.52	3.38	4	110	0.105	SE
CR1	20191008	Sunny	Moderate	Mid-Ebb	M	6.35	09:29	6.18	7.98	28.72	28.51	3.12	4	111	0.099	SE
CR1	20191008	Sunny	Moderate	Mid-Ebb	M	6.35	09:29	6.08	8.05	28.99	28.43	3.15	5	111	0.205	S
CR1	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:30	6.44	8.11	28.8	28.42	2.7	5	111	0.096	S
CR1	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:30	6.56	8.02	28.88	28.41	2.84	5	111	0.076	SE
CR2	20191008	Sunny	Moderate	Mid-Ebb	B	11	09:56	6.35	8.09	29.19	28.55	4.28	5	111	0.151	E
CR2	20191008	Sunny	Moderate	Mid-Ebb	B	11	09:56	6.03	7.87	28.91	28.65	4.72	4	111	0.081	E
CR2	20191008	Sunny	Moderate	Mid-Ebb	M	6	09:57	5.87	8.05	28.83	28.56	3.83	4	110	0.23	S
CR2	20191008	Sunny	Moderate	Mid-Ebb	M	6	09:57	5.92	8.11	29.14	28.58	3.86	4	110	0.191	S
CR2	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:58	6.16	8.06	29.16	28.57	3.84	3	110	0.107	S
CR2	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:58	6.08	8.12	28.77	28.43	4.13	4	111	0.239	S
F1A	20191008	Sunny	Moderate	Mid-Ebb	B	7.5	11:00	6.38	8.01	29.17	28.78	2.89	6	111	0.085	SE
F1A	20191008	Sunny	Moderate	Mid-Ebb	B	7.5	11:00	6.18	7.91	29.15	28.81	3.33	6	111	0.183	SE
F1A	20191008	Sunny	Moderate	Mid-Ebb	M	4.25	11:01	6.49	8.05	28.85	28.87	2.88	7	111	0.153	S
F1A	20191008	Sunny	Moderate	Mid-Ebb	M	4.25	11:01	6.12	8.01	28.78	28.78	2.88	7	111	0.116	SE
F1A	20191008	Sunny	Moderate	Mid-Ebb	S	1	11:02	6.19	7.98	28.74	28.64	2.62	7	111	0.206	SE
F1A	20191008	Sunny	Moderate	Mid-Ebb	S	1	11:02	5.88	7.87	28.75	28.66	2.33	7	111	0.08	SE
H1	20191008	Sunny	Moderate	Mid-Ebb	B	7.9	10:10	6.38	7.93	28.93	28.49	3.21	5	110	0.213	SE
H1	20191008	Sunny	Moderate	Mid-Ebb	B	7.9	10:10	6.22	8.1	28.75	28.47	3.2	5	112	0.169	SE
H1	20191008	Sunny	Moderate	Mid-Ebb	M	4.45	10:11	6.58	8.01	28.74	28.47	2.76	5	111	0.136	E
H1	20191008	Sunny	Moderate	Mid-Ebb	M	4.45	10:11	6.42	7.92	29.1	28.62	2.43	5	111	0.115	SE
H1	20191008	Sunny	Moderate	Mid-Ebb	S	1	10:12	6.11	7.98	29.19	28.58	2.58	5	111	0.111	SE
H1	20191008	Sunny	Moderate	Mid-Ebb	S	1	10:12	6.25	8.03	28.84	28.44	2.36	5	111	0.218	E

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20191008	Sunny	Moderate	Mid-Ebb	B	8.4	11:35	6.33	8.08	28.85	28.64	3.05	3	111	0.098	SE
M1	20191008	Sunny	Moderate	Mid-Ebb	B	8.4	11:35	5.97	7.88	28.94	28.78	2.88	4	111	0.217	SE
M1	20191008	Sunny	Moderate	Mid-Ebb	M	4.7	11:36	6.32	7.89	28.81	28.87	2.52	4	111	0.145	S
M1	20191008	Sunny	Moderate	Mid-Ebb	M	4.7	11:36	6.48	7.92	29.01	28.72	2.45	3	110	0.17	E
M1	20191008	Sunny	Moderate	Mid-Ebb	S	1	11:37	6.52	7.87	28.84	28.69	2.55	3	111	0.206	E
M1	20191008	Sunny	Moderate	Mid-Ebb	S	1	11:37	5.9	7.87	29.19	28.63	2.66	4	111	0.126	SE
S1	20191008	Sunny	Moderate	Mid-Ebb	B	4.2	09:25	6.36	8.11	29.13	28.51	3.42	5	111	0.128	S
S1	20191008	Sunny	Moderate	Mid-Ebb	B	4.2	09:25	5.98	8.01	29.08	28.51	3.1	6	111	0.207	E
S1	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:26	5.96	7.86	28.72	28.46	2.68	6	110	0.175	SE
S1	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:26	6.19	8.13	29.07	28.66	2.38	5	111	0.118	SE
S2A	20191008	Sunny	Moderate	Mid-Ebb	B	8	09:53	6.09	8.08	28.78	28.6	3.32	5	112	0.186	SE
S2A	20191008	Sunny	Moderate	Mid-Ebb	B	8	09:53	5.91	8.04	28.87	28.47	3.39	5	110	0.166	S
S2A	20191008	Sunny	Moderate	Mid-Ebb	M	4.5	09:54	6.56	7.95	28.72	28.68	2.4	4	111	0.147	S
S2A	20191008	Sunny	Moderate	Mid-Ebb	M	4.5	09:54	6.09	7.92	28.77	28.54	2.89	4	110	0.251	S
S2A	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:55	6.31	8.08	28.79	28.48	2.83	4	111	0.173	S
S2A	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:55	5.98	7.91	28.9	28.46	2.32	4	110	0.245	S
S3	20191008	Sunny	Moderate	Mid-Ebb	B	9.8	09:45	6.2	7.92	28.87	28.45	4.49	5	111	0.15	S
S3	20191008	Sunny	Moderate	Mid-Ebb	B	9.8	09:45	6.37	8.11	28.87	28.5	4.62	6	112	0.147	SE
S3	20191008	Sunny	Moderate	Mid-Ebb	M	5.4	09:46	6.45	7.86	28.73	28.53	4.14	5	111	0.219	E
S3	20191008	Sunny	Moderate	Mid-Ebb	M	5.4	09:46	6.55	7.99	29.05	28.67	3.76	5	111	0.083	S
S3	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:47	6.06	8.04	28.84	28.52	3.84	6	111	0.167	S
S3	20191008	Sunny	Moderate	Mid-Ebb	S	1	09:47	6.37	7.91	29.1	28.52	3.8	6	111	0.186	SE
B1	20191008	Sunny	Moderate	Mid-Flood	B	3.6	15:16	6.58	8.18	28.8	28.94	3.2	3	111	0.213	NW
B1	20191008	Sunny	Moderate	Mid-Flood	B	3.6	15:16	6.11	7.94	28.86	28.73	3.29	4	112	0.253	SW
B1	20191008	Sunny	Moderate	Mid-Flood	S	1	15:17	6.42	8	29	28.9	2.62	3	111	0.233	NW
B1	20191008	Sunny	Moderate	Mid-Flood	S	1	15:17	6.61	7.97	28.75	28.88	2.51	3	111	0.179	W
B2	20191008	Sunny	Moderate	Mid-Flood	B	4.2	15:37	6.2	7.96	28.7	29.1	2.98	4	111	0.122	W
B2	20191008	Sunny	Moderate	Mid-Flood	B	4.2	15:37	6.26	7.99	29.13	28.73	3.12	4	111	0.18	NW
B2	20191008	Sunny	Moderate	Mid-Flood	S	1	15:38	6.05	7.93	29.08	29.02	2.39	3	111	0.148	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20191008	Sunny	Moderate	Mid-Flood	S	1	15:38	6.19	8.12	29.2	28.9	2.48	3	112	0.254	W
B3	20191008	Sunny	Moderate	Mid-Flood	B	3.8	16:16	6.11	7.98	28.93	28.71	3.24	3	111	0.259	W
B3	20191008	Sunny	Moderate	Mid-Flood	B	3.8	16:16	6.24	7.91	28.89	28.88	3.51	4	112	0.147	SW
B3	20191008	Sunny	Moderate	Mid-Flood	S	1	16:17	6.41	8.01	28.95	29.02	2.59	3	111	0.291	W
B3	20191008	Sunny	Moderate	Mid-Flood	S	1	16:17	6.44	7.86	28.93	28.87	2.99	4	111	0.213	W
B4	20191008	Sunny	Moderate	Mid-Flood	B	3.5	16:26	6.57	8.08	29.12	28.93	3.37	3	111	0.224	SW
B4	20191008	Sunny	Moderate	Mid-Flood	B	3.5	16:26	6.25	7.88	29.07	28.88	3.08	3	112	0.177	W
B4	20191008	Sunny	Moderate	Mid-Flood	S	1	16:27	6.2	8.19	28.89	28.98	2.5	4	112	0.147	SW
B4	20191008	Sunny	Moderate	Mid-Flood	S	1	16:27	6.46	7.9	29.06	28.93	3	3	111	0.131	W
C1A	20191008	Sunny	Moderate	Mid-Flood	B	9.6	14:52	6.1	7.91	28.77	29.1	3.24	3	111	0.16	W
C1A	20191008	Sunny	Moderate	Mid-Flood	B	9.6	14:52	6.3	8.1	28.95	28.73	3.11	3	112	0.268	SW
C1A	20191008	Sunny	Moderate	Mid-Flood	M	5.3	14:53	6.34	8.05	29.14	28.73	2.55	2	111	0.127	W
C1A	20191008	Sunny	Moderate	Mid-Flood	M	5.3	14:53	6.27	7.89	29.2	28.93	2.93	3	112	0.205	W
C1A	20191008	Sunny	Moderate	Mid-Flood	S	1	14:54	6.47	8.18	28.81	29.08	2.61	3	112	0.259	W
C1A	20191008	Sunny	Moderate	Mid-Flood	S	1	14:54	6.54	8.1	28.73	28.82	2.8	2	112	0.28	NW
C2A	20191008	Sunny	Moderate	Mid-Flood	B	10.5	14:52	6.17	7.94	29.11	28.76	3.12	4	111	0.24	NW
C2A	20191008	Sunny	Moderate	Mid-Flood	B	10.5	14:52	6.48	8.17	29.13	28.91	3.3	5	112	0.287	W
C2A	20191008	Sunny	Moderate	Mid-Flood	M	5.75	14:53	6.02	8.08	28.94	28.95	2.82	4	111	0.252	W
C2A	20191008	Sunny	Moderate	Mid-Flood	M	5.75	14:53	6.02	8.17	29.02	28.85	2.82	4	111	0.235	W
C2A	20191008	Sunny	Moderate	Mid-Flood	S	1	14:54	6.05	8.13	29.13	29.06	2.72	3	112	0.258	NW
C2A	20191008	Sunny	Moderate	Mid-Flood	S	1	14:54	6.49	8	29.15	28.99	2.55	3	112	0.247	W
CR1	20191008	Sunny	Moderate	Mid-Flood	B	11.4	15:14	6.42	8.08	28.78	28.92	3.18	3	111	0.131	W
CR1	20191008	Sunny	Moderate	Mid-Flood	B	11.4	15:14	6.25	8.06	28.86	29.04	3.46	4	111	0.212	W
CR1	20191008	Sunny	Moderate	Mid-Flood	M	6.2	15:15	6.06	8.03	28.75	28.92	3.14	4	112	0.186	W
CR1	20191008	Sunny	Moderate	Mid-Flood	M	6.2	15:15	6.03	7.93	29.06	28.82	3.17	4	110	0.217	W
CR1	20191008	Sunny	Moderate	Mid-Flood	S	1	15:16	6.39	8	29.03	28.81	2.58	3	111	0.279	SW
CR1	20191008	Sunny	Moderate	Mid-Flood	S	1	15:16	6.38	8.08	28.73	29.09	2.93	4	111	0.195	W
CR2	20191008	Sunny	Moderate	Mid-Flood	B	10.1	15:47	6.37	7.97	28.89	28.86	4.21	4	111	0.235	W
CR2	20191008	Sunny	Moderate	Mid-Flood	B	10.1	15:47	6.45	8	28.7	29.08	3.75	4	112	0.275	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20191008	Sunny	Moderate	Mid-Flood	M	5.55	15:48	6.37	7.92	28.83	29.07	3.41	3	112	0.129	W
CR2	20191008	Sunny	Moderate	Mid-Flood	M	5.55	15:48	6	7.94	28.95	29.02	3.56	3	111	0.255	NW
CR2	20191008	Sunny	Moderate	Mid-Flood	S	1	15:49	6.47	8.08	28.91	29.01	3.38	3	110	0.236	W
CR2	20191008	Sunny	Moderate	Mid-Flood	S	1	15:49	6.45	7.88	28.7	29.01	3.52	3	111	0.232	W
F1A	20191008	Sunny	Moderate	Mid-Flood	B	6.7	16:48	6.28	7.93	28.94	28.74	3.05	4	112	0.241	W
F1A	20191008	Sunny	Moderate	Mid-Flood	B	6.7	16:48	6.51	8.06	28.78	28.84	3.12	3	112	0.186	W
F1A	20191008	Sunny	Moderate	Mid-Flood	M	3.85	16:49	6.43	8.11	28.93	28.66	2.75	3	112	0.174	W
F1A	20191008	Sunny	Moderate	Mid-Flood	M	3.85	16:49	6.6	8.18	28.91	28.62	2.72	4	112	0.263	W
F1A	20191008	Sunny	Moderate	Mid-Flood	S	1	16:50	6.57	8.01	28.72	28.66	2.43	3	112	0.228	SW
F1A	20191008	Sunny	Moderate	Mid-Flood	S	1	16:50	6.07	8.18	29.04	29.01	2.73	4	112	0.198	W
H1	20191008	Sunny	Moderate	Mid-Flood	B	7.5	15:59	6.42	7.94	29.09	29.02	3.07	3	112	0.241	NW
H1	20191008	Sunny	Moderate	Mid-Flood	B	7.5	15:59	6.11	8.19	28.82	28.78	3.43	4	111	0.245	W
H1	20191008	Sunny	Moderate	Mid-Flood	M	4.25	16:00	6.18	7.93	28.92	29.02	3.1	3	112	0.124	NW
H1	20191008	Sunny	Moderate	Mid-Flood	M	4.25	16:00	5.96	8.1	28.91	29.06	2.69	3	111	0.129	W
H1	20191008	Sunny	Moderate	Mid-Flood	S	1	16:01	6.05	8.04	28.72	28.87	2.8	3	112	0.221	SW
H1	20191008	Sunny	Moderate	Mid-Flood	S	1	16:01	6.06	7.88	28.88	29	2.5	3	112	0.282	W
M1	20191008	Sunny	Moderate	Mid-Flood	B	7	17:17	6.22	7.92	28.74	28.66	3.22	4	111	0.156	NW
M1	20191008	Sunny	Moderate	Mid-Flood	B	7	17:17	6.14	8.05	29.17	28.55	3.41	5	112	0.269	W
M1	20191008	Sunny	Moderate	Mid-Flood	M	4	17:18	6.02	7.88	28.73	28.64	3.13	4	111	0.201	W
M1	20191008	Sunny	Moderate	Mid-Flood	M	4	17:18	6.07	7.96	29.02	28.53	2.79	5	111	0.122	SW
M1	20191008	Sunny	Moderate	Mid-Flood	S	1	17:19	6.35	7.95	29.2	28.66	2.85	4	110	0.193	SW
M1	20191008	Sunny	Moderate	Mid-Flood	S	1	17:19	5.98	8.18	29.08	28.68	2.78	4	112	0.184	NW
S1	20191008	Sunny	Moderate	Mid-Flood	B	4.5	15:26	6.51	8.19	28.93	28.79	3.15	4	111	0.187	W
S1	20191008	Sunny	Moderate	Mid-Flood	B	4.5	15:26	6.19	8.14	28.7	28.86	3.43	4	111	0.184	SW
S1	20191008	Sunny	Moderate	Mid-Flood	S	1	15:27	6.04	8.1	28.88	28.92	2.35	4	112	0.243	W
S1	20191008	Sunny	Moderate	Mid-Flood	S	1	15:27	6.23	7.96	28.97	28.93	2.68	5	111	0.273	W
S2A	20191008	Sunny	Moderate	Mid-Flood	B	8.8	15:56	6.24	7.98	29.03	28.8	2.88	6	111	0.246	W
S2A	20191008	Sunny	Moderate	Mid-Flood	B	8.8	15:56	6.09	7.95	29.17	29.09	3.07	5	111	0.263	NW
S2A	20191008	Sunny	Moderate	Mid-Flood	M	4.9	15:57	6.01	7.96	28.77	28.76	2.84	4	111	0.242	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20191008	Sunny	Moderate	Mid-Flood	M	4.9	15:57	6.48	8.02	29	28.97	2.81	5	111	0.182	W
S2A	20191008	Sunny	Moderate	Mid-Flood	S	1	15:58	6.59	8.07	28.82	28.86	2.61	5	111	0.155	W
S2A	20191008	Sunny	Moderate	Mid-Flood	S	1	15:58	6.37	8.06	28.97	28.72	2.91	4	110	0.194	W
S3	20191008	Sunny	Moderate	Mid-Flood	B	9.8	15:35	6.05	8.17	28.99	28.73	3.93	5	111	0.196	W
S3	20191008	Sunny	Moderate	Mid-Flood	B	9.8	15:35	6.2	8.08	29.1	28.9	4.27	5	110	0.278	W
S3	20191008	Sunny	Moderate	Mid-Flood	M	5.4	15:36	6.2	8.09	29.13	28.98	3.92	5	111	0.279	SW
S3	20191008	Sunny	Moderate	Mid-Flood	M	5.4	15:36	6.36	7.85	29.04	29.06	3.74	4	112	0.137	W
S3	20191008	Sunny	Moderate	Mid-Flood	S	1	15:37	6.42	8.03	28.78	28.98	3.35	4	111	0.273	NW
S3	20191008	Sunny	Moderate	Mid-Flood	S	1	15:37	6.01	8	29.1	29.06	3.58	5	111	0.212	SW
B1	20191010	Sunny	Moderate	Mid-Ebb	B	3.7	09:45	6.89	8.21	28.74	29.11	3.56	11	112	0.087	S
B1	20191010	Sunny	Moderate	Mid-Ebb	B	3.7	09:45	6.4	8.3	28.87	29.08	3.33	10	112	0.165	SE
B1	20191010	Sunny	Moderate	Mid-Ebb	S	1	09:46	6.33	8.28	28.76	29.08	2.58	7	112	0.111	SE
B1	20191010	Sunny	Moderate	Mid-Ebb	S	1	09:46	6.58	8.35	28.66	28.9	2.64	8	112	0.119	E
B2	20191010	Sunny	Moderate	Mid-Ebb	B	4.1	10:07	6.26	8.31	28.64	29.18	3.44	9	112	0.187	E
B2	20191010	Sunny	Moderate	Mid-Ebb	B	4.1	10:07	6.15	7.97	28.54	29.12	3.17	10	112	0.192	S
B2	20191010	Sunny	Moderate	Mid-Ebb	S	1	10:08	6.02	8.31	28.69	29.18	2.73	8	112	0.247	S
B2	20191010	Sunny	Moderate	Mid-Ebb	S	1	10:08	6.84	8.1	28.52	29.03	2.66	8	113	0.133	S
B3	20191010	Sunny	Moderate	Mid-Ebb	B	3.5	10:38	6.03	7.97	28.53	29.2	3.49	8	112	0.236	S
B3	20191010	Sunny	Moderate	Mid-Ebb	B	3.5	10:38	6.56	8.1	28.44	29.21	3.37	9	111	0.251	E
B3	20191010	Sunny	Moderate	Mid-Ebb	S	1	10:39	6.09	8.22	28.45	29.24	2.96	7	112	0.226	S
B3	20191010	Sunny	Moderate	Mid-Ebb	S	1	10:39	5.93	8.19	28.73	29.23	3.19	8	112	0.145	SE
B4	20191010	Sunny	Moderate	Mid-Ebb	B	3.6	10:48	6.56	8.19	28.89	29.22	3.29	5	112	0.122	S
B4	20191010	Sunny	Moderate	Mid-Ebb	B	3.6	10:48	6.41	8.04	28.51	29.06	3.78	6	112	0.252	E
B4	20191010	Sunny	Moderate	Mid-Ebb	S	1	10:49	5.91	8.2	28.6	29.24	3.18	6	112	0.124	E
B4	20191010	Sunny	Moderate	Mid-Ebb	S	1	10:49	5.96	8.21	28.89	29.1	3.2	6	112	0.219	S
C1A	20191010	Sunny	Moderate	Mid-Ebb	B	9.1	09:18	6.24	8.37	28.59	28.67	3.17	10	113	0.176	SE
C1A	20191010	Sunny	Moderate	Mid-Ebb	B	9.1	09:18	6.62	8.12	28.85	28.84	3.12	10	112	0.154	SE
C1A	20191010	Sunny	Moderate	Mid-Ebb	M	5.05	09:19	6.44	8.34	28.78	28.86	2.61	8	113	0.112	E
C1A	20191010	Sunny	Moderate	Mid-Ebb	M	5.05	09:19	6.6	8.06	28.88	28.84	2.96	8	112	0.18	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20191010	Sunny	Moderate	Mid-Ebb	S	1	09:20	6.6	8.21	28.44	28.79	2.76	5	112	0.169	SE
C1A	20191010	Sunny	Moderate	Mid-Ebb	S	1	09:20	6.74	8.28	28.68	28.76	3.07	6	113	0.08	S
C2A	20191010	Sunny	Moderate	Mid-Ebb	B	10.5	10:08	6.73	8.06	28.85	29.23	3.58	7	112	0.137	S
C2A	20191010	Sunny	Moderate	Mid-Ebb	B	10.5	10:08	6.84	8.19	28.62	29.13	3.59	8	113	0.2	SE
C2A	20191010	Sunny	Moderate	Mid-Ebb	M	5.75	10:09	5.88	8.21	28.86	29.1	3.13	8	112	0.158	S
C2A	20191010	Sunny	Moderate	Mid-Ebb	M	5.75	10:09	6.77	7.96	28.42	29.25	2.85	8	112	0.199	SE
C2A	20191010	Sunny	Moderate	Mid-Ebb	S	1	10:10	6.43	8.33	28.48	29.06	2.93	7	112	0.167	S
C2A	20191010	Sunny	Moderate	Mid-Ebb	S	1	10:10	6.38	8.37	28.84	29.16	2.67	6	112	0.216	S
CR1	20191010	Sunny	Moderate	Mid-Ebb	B	11.4	09:47	6.16	8.24	28.76	28.99	4.16	11	112	0.204	E
CR1	20191010	Sunny	Moderate	Mid-Ebb	B	11.4	09:47	6.21	8.11	28.87	29.09	4.19	11	112	0.207	SE
CR1	20191010	Sunny	Moderate	Mid-Ebb	M	6.2	09:48	6.67	7.96	28.52	28.95	3.56	11	112	0.164	SE
CR1	20191010	Sunny	Moderate	Mid-Ebb	M	6.2	09:48	6.69	8.19	28.82	28.97	3.21	10	109	0.212	SE
CR1	20191010	Sunny	Moderate	Mid-Ebb	S	1	09:49	6.28	8.01	28.41	29.08	3.44	10	112	0.099	S
CR1	20191010	Sunny	Moderate	Mid-Ebb	S	1	09:49	6.38	8.17	28.74	28.91	3.59	8	112	0.113	SE
CR2	20191010	Sunny	Moderate	Mid-Ebb	B	10.9	10:52	6.06	8.07	28.44	29.23	4.34	9	111	0.146	SE
CR2	20191010	Sunny	Moderate	Mid-Ebb	B	10.9	10:52	6.23	8.11	28.53	29.05	4.7	10	113	0.137	E
CR2	20191010	Sunny	Moderate	Mid-Ebb	M	5.95	10:53	6.47	8.26	28.89	29.21	4.1	10	112	0.106	S
CR2	20191010	Sunny	Moderate	Mid-Ebb	M	5.95	10:53	6.67	8.02	28.82	29.24	3.98	10	110	0.246	SE
CR2	20191010	Sunny	Moderate	Mid-Ebb	S	1	10:54	6.4	8.04	28.49	29.11	3.84	8	112	0.187	SE
CR2	20191010	Sunny	Moderate	Mid-Ebb	S	1	10:54	6.51	8.15	28.55	29.21	4	9	112	0.165	E
F1A	20191010	Sunny	Moderate	Mid-Ebb	B	6.9	11:21	5.9	8.09	28.53	29.43	3.47	10	112	0.238	SE
F1A	20191010	Sunny	Moderate	Mid-Ebb	B	6.9	11:21	6.77	8.35	28.71	29.36	3.55	10	112	0.127	SE
F1A	20191010	Sunny	Moderate	Mid-Ebb	M	3.95	11:22	6.63	8.1	28.61	29.43	2.79	9	112	0.239	SE
F1A	20191010	Sunny	Moderate	Mid-Ebb	M	3.95	11:22	6.74	8.28	28.73	29.33	3.06	10	112	0.083	S
F1A	20191010	Sunny	Moderate	Mid-Ebb	S	1	11:23	6.83	8.19	28.64	29.44	3.02	9	113	0.181	SE
F1A	20191010	Sunny	Moderate	Mid-Ebb	S	1	11:23	6.08	8.16	28.65	29.39	2.59	9	113	0.24	SE
H1	20191010	Sunny	Moderate	Mid-Ebb	B	6.8	09:22	5.89	8.25	28.53	28.74	3.64	10	113	0.096	SE
H1	20191010	Sunny	Moderate	Mid-Ebb	B	6.8	09:22	5.97	7.99	28.74	28.86	3.3	10	111	0.207	SE
H1	20191010	Sunny	Moderate	Mid-Ebb	M	3.9	09:23	5.98	8.36	28.65	28.7	2.61	7	113	0.097	E

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20191010	Sunny	Moderate	Mid-Ebb	M	3.9	09:23	6.62	7.99	28.68	28.75	2.72	8	113	0.116	S
H1	20191010	Sunny	Moderate	Mid-Ebb	S	1	09:24	6.1	8	28.68	28.65	2.72	6	112	0.125	SE
H1	20191010	Sunny	Moderate	Mid-Ebb	S	1	09:24	6.67	8.32	28.53	28.6	2.58	5	111	0.234	E
M1	20191010	Sunny	Moderate	Mid-Ebb	B	7.8	11:57	6.33	8.32	28.73	29.38	3.22	11	113	0.129	SE
M1	20191010	Sunny	Moderate	Mid-Ebb	B	7.8	11:57	6.75	8.12	28.8	29.38	3.41	11	113	0.138	SE
M1	20191010	Sunny	Moderate	Mid-Ebb	M	4.4	11:58	6.73	8.17	28.43	29.41	2.92	13	112	0.246	E
M1	20191010	Sunny	Moderate	Mid-Ebb	M	4.4	11:58	6.03	8.36	28.86	29.37	2.85	13	112	0.144	S
M1	20191010	Sunny	Moderate	Mid-Ebb	S	1	11:59	6	8.24	28.68	29.4	2.93	10	112	0.252	S
M1	20191010	Sunny	Moderate	Mid-Ebb	S	1	11:59	6.4	8.31	28.51	29.31	2.91	10	112	0.184	SE
S1	20191010	Sunny	Moderate	Mid-Ebb	B	3.9	09:56	6.68	8.2	28.49	28.99	3.19	12	113	0.192	S
S1	20191010	Sunny	Moderate	Mid-Ebb	B	3.9	09:56	6.51	8.36	28.42	29.04	3.25	12	113	0.234	S
S1	20191010	Sunny	Moderate	Mid-Ebb	S	1	09:57	6.48	8.05	28.61	29.11	2.63	10	112	0.242	SE
S1	20191010	Sunny	Moderate	Mid-Ebb	S	1	09:57	6.62	8.07	28.4	29.05	2.96	10	112	0.111	E
S2A	20191010	Sunny	Moderate	Mid-Ebb	B	8.1	10:28	6.24	8.04	28.89	29.19	3.32	21	112	0.142	S
S2A	20191010	Sunny	Moderate	Mid-Ebb	B	8.1	10:28	6.33	8.33	28.64	29.03	3.27	22	112	0.208	E
S2A	20191010	Sunny	Moderate	Mid-Ebb	M	4.55	10:29	6.76	8.25	28.82	29.12	2.66	16	113	0.228	E
S2A	20191010	Sunny	Moderate	Mid-Ebb	M	4.55	10:29	6.51	7.97	28.9	29.15	2.74	16	112	0.156	SE
S2A	20191010	Sunny	Moderate	Mid-Ebb	S	1	10:30	6.58	8.07	28.56	29.11	2.98	11	112	0.164	S
S2A	20191010	Sunny	Moderate	Mid-Ebb	S	1	10:30	6.14	7.98	28.46	29.15	2.82	10	112	0.241	E
S3	20191010	Sunny	Moderate	Mid-Ebb	B	10.1	11:04	6.13	8.37	28.43	29.14	4.91	15	113	0.185	S
S3	20191010	Sunny	Moderate	Mid-Ebb	B	10.1	11:04	6.34	8.26	28.63	29.03	4.91	14	112	0.174	S
S3	20191010	Sunny	Moderate	Mid-Ebb	M	5.55	11:05	6.73	8.29	28.54	29.18	4.29	14	113	0.216	SE
S3	20191010	Sunny	Moderate	Mid-Ebb	M	5.55	11:05	6.41	8.13	28.52	29.06	3.83	14	113	0.14	SE
S3	20191010	Sunny	Moderate	Mid-Ebb	S	1	11:06	6.05	8.34	28.51	29.23	3.85	12	112	0.097	S
S3	20191010	Sunny	Moderate	Mid-Ebb	S	1	11:06	6.05	7.97	28.43	29.09	4.11	11	112	0.214	E
B1	20191010	Sunny	Moderate	Mid-Flood	B	3.7	14:46	6.38	7.91	27.84	30.04	3.6	8	111	0.172	W
B1	20191010	Sunny	Moderate	Mid-Flood	B	3.7	14:46	6.53	8.12	27.84	29.97	3.11	9	112	0.183	W
B1	20191010	Sunny	Moderate	Mid-Flood	S	1	14:47	6.43	8.09	27.63	29.98	2.61	6	111	0.192	W
B1	20191010	Sunny	Moderate	Mid-Flood	S	1	14:47	6.86	8.08	27.71	30.02	2.8	6	112	0.158	NW

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20191010	Sunny	Moderate	Mid-Flood	B	3.4	15:08	6.32	7.89	27.29	30.02	3.47	7	112	0.134	W
B2	20191010	Sunny	Moderate	Mid-Flood	B	3.4	15:08	6.8	7.87	27.69	29.87	3.05	7	112	0.168	W
B2	20191010	Sunny	Moderate	Mid-Flood	S	1	15:09	6.59	7.95	27.3	29.95	2.68	7	112	0.265	W
B2	20191010	Sunny	Moderate	Mid-Flood	S	1	15:09	6.45	8.02	27.33	30.1	3.04	6	111	0.169	NW
B3	20191010	Sunny	Moderate	Mid-Flood	B	3.8	15:29	6.53	8.03	27.42	30	3.55	9	113	0.137	W
B3	20191010	Sunny	Moderate	Mid-Flood	B	3.8	15:29	6.35	7.85	27.31	29.87	3.64	9	111	0.174	NW
B3	20191010	Sunny	Moderate	Mid-Flood	S	1	15:30	6.35	7.97	27.46	29.84	3.03	6	112	0.206	SW
B3	20191010	Sunny	Moderate	Mid-Flood	S	1	15:30	6.06	8	27.67	30	2.72	5	111	0.258	W
B4	20191010	Sunny	Moderate	Mid-Flood	B	4.6	15:41	6.85	8.18	27.56	29.93	3.72	8	111	0.286	SW
B4	20191010	Sunny	Moderate	Mid-Flood	B	4.6	15:41	6.09	8.09	27.35	29.71	3.66	8	112	0.215	W
B4	20191010	Sunny	Moderate	Mid-Flood	S	1	15:42	6.57	7.93	27.53	29.92	2.63	5	112	0.134	NW
B4	20191010	Sunny	Moderate	Mid-Flood	S	1	15:42	6.48	8.06	27.48	29.67	2.64	6	112	0.274	W
C1A	20191010	Sunny	Moderate	Mid-Flood	B	9.2	14:21	6.19	8.19	27.66	30.26	3.44	8	111	0.166	W
C1A	20191010	Sunny	Moderate	Mid-Flood	B	9.2	14:21	6.89	8	27.48	30.14	3.38	9	112	0.146	W
C1A	20191010	Sunny	Moderate	Mid-Flood	M	5.1	14:22	6.34	7.97	27.75	30.26	3.29	6	112	0.198	W
C1A	20191010	Sunny	Moderate	Mid-Flood	M	5.1	14:22	6.5	8.14	27.56	30.29	3.24	7	112	0.239	W
C1A	20191010	Sunny	Moderate	Mid-Flood	S	1	14:23	6.72	8.07	27.57	30.23	2.77	7	112	0.242	W
C1A	20191010	Sunny	Moderate	Mid-Flood	S	1	14:23	6.05	8.01	27.48	30.17	2.71	6	112	0.27	SW
C2A	20191010	Sunny	Moderate	Mid-Flood	B	10.3	14:21	6.81	8.18	27.51	30.17	3.32	8	112	0.282	W
C2A	20191010	Sunny	Moderate	Mid-Flood	B	10.3	14:21	6.73	8.01	27.82	30.26	3.58	8	113	0.177	W
C2A	20191010	Sunny	Moderate	Mid-Flood	M	5.65	14:22	6.51	8.07	27.47	30.28	3.3	6	113	0.283	W
C2A	20191010	Sunny	Moderate	Mid-Flood	M	5.65	14:22	6.08	7.99	27.3	30.12	3.01	7	111	0.217	W
C2A	20191010	Sunny	Moderate	Mid-Flood	S	1	14:23	6.87	7.91	27.27	30.21	2.92	6	112	0.207	SW
C2A	20191010	Sunny	Moderate	Mid-Flood	S	1	14:23	6.76	7.96	27.51	30.14	2.88	7	112	0.17	SW
CR1	20191010	Sunny	Moderate	Mid-Flood	B	12	14:41	6.76	8.01	27.35	30.16	3.46	7	109	0.239	W
CR1	20191010	Sunny	Moderate	Mid-Flood	B	12	14:41	6.73	8.1	27.69	30.09	3.35	8	109	0.253	W
CR1	20191010	Sunny	Moderate	Mid-Flood	M	6.5	14:42	6.74	7.76	27.31	30.01	3.39	6	110	0.193	W
CR1	20191010	Sunny	Moderate	Mid-Flood	M	6.5	14:42	6.61	7.96	27.42	30.06	3.47	7	110	0.125	W
CR1	20191010	Sunny	Moderate	Mid-Flood	S	1	14:43	6.84	7.92	27.47	30.07	3.08	5	108	0.23	NW

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20191010	Sunny	Moderate	Mid-Flood	S	1	14:43	6.66	7.91	27.51	30.15	3.05	5	109	0.262	W
CR2	20191010	Sunny	Moderate	Mid-Flood	B	10.5	15:53	6.71	7.95	27.84	29.9	3.58	8	111	0.224	W
CR2	20191010	Sunny	Moderate	Mid-Flood	B	10.5	15:53	6.46	8.16	27.37	29.83	3.94	8	110	0.198	SW
CR2	20191010	Sunny	Moderate	Mid-Flood	M	5.75	15:54	6.73	7.85	27.54	29.89	3.55	7	110	0.236	W
CR2	20191010	Sunny	Moderate	Mid-Flood	M	5.75	15:54	6.37	7.88	27.63	29.79	3.3	8	110	0.197	W
CR2	20191010	Sunny	Moderate	Mid-Flood	S	1	15:55	6.22	7.89	27.84	29.92	3.31	8	109	0.235	W
CR2	20191010	Sunny	Moderate	Mid-Flood	S	1	15:55	6.63	7.82	27.3	29.76	3.54	7	110	0.255	W
F1A	20191010	Sunny	Moderate	Mid-Flood	B	6.7	16:15	6.24	8.18	27.74	29.51	3.47	8	112	0.178	SW
F1A	20191010	Sunny	Moderate	Mid-Flood	B	6.7	16:15	6.25	8.09	27.62	29.71	3.13	7	112	0.129	SW
F1A	20191010	Sunny	Moderate	Mid-Flood	M	3.85	16:16	6.75	8.15	27.48	29.69	3.04	6	112	0.204	W
F1A	20191010	Sunny	Moderate	Mid-Flood	M	3.85	16:16	6.35	8.06	27.74	29.71	3.2	7	113	0.19	W
F1A	20191010	Sunny	Moderate	Mid-Flood	S	1	16:17	6.05	7.88	27.66	29.64	2.72	4	113	0.151	W
F1A	20191010	Sunny	Moderate	Mid-Flood	S	1	16:17	6.56	8.07	27.63	29.66	3.1	5	112	0.131	W
H1	20191010	Sunny	Moderate	Mid-Flood	B	7.4	15:10	6.19	7.92	27.72	30.02	3.05	6	112	0.122	NW
H1	20191010	Sunny	Moderate	Mid-Flood	B	7.4	15:10	6.08	8.13	27.61	29.98	3.52	6	111	0.123	W
H1	20191010	Sunny	Moderate	Mid-Flood	M	4.2	15:11	6.58	7.87	27.31	30.02	3.21	6	111	0.223	NW
H1	20191010	Sunny	Moderate	Mid-Flood	M	4.2	15:11	6.13	7.99	27.57	29.99	2.96	6	112	0.191	SW
H1	20191010	Sunny	Moderate	Mid-Flood	S	1	15:12	6.33	7.98	27.85	29.89	2.98	5	111	0.261	W
H1	20191010	Sunny	Moderate	Mid-Flood	S	1	15:12	6.51	8.15	27.62	30.02	3.04	4	112	0.282	W
M1	20191010	Sunny	Moderate	Mid-Flood	B	7.3	16:51	6.12	7.75	27.56	29.57	3.32	9	110	0.229	W
M1	20191010	Sunny	Moderate	Mid-Flood	B	7.3	16:51	6.84	7.8	27.75	29.36	3.6	9	110	0.29	SW
M1	20191010	Sunny	Moderate	Mid-Flood	M	4.15	16:52	6.1	7.83	27.41	29.4	3.27	9	110	0.253	W
M1	20191010	Sunny	Moderate	Mid-Flood	M	4.15	16:52	6.45	8.11	27.63	29.36	3.16	10	109	0.127	W
M1	20191010	Sunny	Moderate	Mid-Flood	S	1	16:53	6.24	7.83	27.75	29.52	2.76	10	109	0.25	SW
M1	20191010	Sunny	Moderate	Mid-Flood	S	1	16:53	6.7	7.77	27.52	29.51	2.63	10	109	0.124	W
S1	20191010	Sunny	Moderate	Mid-Flood	B	4.6	14:52	6.32	8.12	27.85	30.09	3.59	7	112	0.131	SW
S1	20191010	Sunny	Moderate	Mid-Flood	B	4.6	14:52	6.39	7.93	27.56	30.09	3.26	8	112	0.268	NW
S1	20191010	Sunny	Moderate	Mid-Flood	S	1	14:53	6.16	7.8	27.28	30.06	2.99	8	112	0.227	W
S1	20191010	Sunny	Moderate	Mid-Flood	S	1	14:53	6.69	8.16	27.3	30.07	2.71	8	112	0.134	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20191010	Sunny	Moderate	Mid-Flood	B	8.6	15:29	6.63	7.97	27.59	30	3.53	7	112	0.158	SW
S2A	20191010	Sunny	Moderate	Mid-Flood	B	8.6	15:29	6.06	8.02	27.61	29.93	3.32	8	112	0.209	W
S2A	20191010	Sunny	Moderate	Mid-Flood	M	4.8	15:30	6.4	7.98	27.81	29.96	3.22	8	113	0.268	W
S2A	20191010	Sunny	Moderate	Mid-Flood	M	4.8	15:30	6.2	8.07	27.81	29.93	2.84	7	113	0.277	W
S2A	20191010	Sunny	Moderate	Mid-Flood	S	1	15:31	6.46	8.16	27.27	29.97	2.79	7	113	0.276	W
S2A	20191010	Sunny	Moderate	Mid-Flood	S	1	15:31	6.38	7.92	27.38	29.99	2.95	7	113	0.243	W
S3	20191010	Sunny	Moderate	Mid-Flood	B	9.2	16:05	6.55	7.85	27.55	29.66	3.8	8	112	0.228	W
S3	20191010	Sunny	Moderate	Mid-Flood	B	9.2	16:05	6.78	8.12	27.26	29.47	4.05	8	111	0.137	NW
S3	20191010	Sunny	Moderate	Mid-Flood	M	5.1	16:06	6.44	7.93	27.34	29.73	3.66	8	111	0.21	SW
S3	20191010	Sunny	Moderate	Mid-Flood	M	5.1	16:06	6.42	7.98	27.74	29.55	3.6	7	113	0.241	W
S3	20191010	Sunny	Moderate	Mid-Flood	S	1	16:07	6.68	8.09	27.82	29.51	3.64	8	112	0.145	NW
S3	20191010	Sunny	Moderate	Mid-Flood	S	1	16:07	6.74	7.8	27.58	29.63	3.68	7	113	0.217	SW
B1	20191012	Sunny	Moderate	Mid-Ebb	B	3.7	10:32	6.34	8.19	27.4	29.45	3.32	6	112	0.179	E
B1	20191012	Sunny	Moderate	Mid-Ebb	B	3.7	10:32	6.58	7.93	27.52	29.41	3.81	8	112	0.249	S
B1	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:33	6.12	8.19	27.55	29.3	3.05	8	113	0.102	S
B1	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:33	6.28	8.1	27.54	29.44	2.99	8	113	0.215	SE
B2	20191012	Sunny	Moderate	Mid-Ebb	B	4.7	10:52	6.19	8.14	27.34	29.78	3.72	7	113	0.228	S
B2	20191012	Sunny	Moderate	Mid-Ebb	B	4.7	10:52	6.2	8.23	27.36	29.74	3.35	8	113	0.175	S
B2	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:53	6.26	8.21	27.47	29.83	3.25	6	112	0.112	E
B2	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:53	6.25	8.1	27.5	29.87	2.84	5	113	0.213	E
B3	20191012	Sunny	Moderate	Mid-Ebb	B	4.2	10:58	6.01	8.14	27.68	29.89	3.81	11	113	0.251	S
B3	20191012	Sunny	Moderate	Mid-Ebb	B	4.2	10:58	6.37	8.18	27.47	29.75	3.46	11	113	0.174	SE
B3	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:59	6.52	8.06	27.67	29.71	3.19	9	112	0.211	E
B3	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:59	5.96	7.93	27.6	29.72	3.07	7	113	0.181	S
B4	20191012	Sunny	Moderate	Mid-Ebb	B	4	11:09	6.05	8.25	27.37	29.75	3.41	13	113	0.232	E
B4	20191012	Sunny	Moderate	Mid-Ebb	B	4	11:09	6.49	8.13	27.48	29.95	3.8	12	113	0.22	S
B4	20191012	Sunny	Moderate	Mid-Ebb	S	1	11:10	6.46	7.86	27.49	29.9	3.11	10	112	0.109	SE
B4	20191012	Sunny	Moderate	Mid-Ebb	S	1	11:10	6.41	8.02	27.63	29.83	2.78	9	113	0.211	E
C1A	20191012	Sunny	Moderate	Mid-Ebb	B	9.5	10:00	6.19	8.24	27.44	29.22	3.33	8	113	0.13	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20191012	Sunny	Moderate	Mid-Ebb	B	9.5	10:00	6.14	8.29	27.36	29.3	3.76	7	113	0.166	SE
C1A	20191012	Sunny	Moderate	Mid-Ebb	M	5.25	10:01	6.45	7.92	27.39	29.16	2.7	8	112	0.144	S
C1A	20191012	Sunny	Moderate	Mid-Ebb	M	5.25	10:01	5.99	8.16	27.48	29.19	2.74	10	113	0.182	SE
C1A	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:02	6.28	8.11	27.64	29.18	3.01	6	112	0.248	E
C1A	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:02	6.39	8.13	27.38	29.21	3.04	8	113	0.099	SE
C2A	20191012	Sunny	Moderate	Mid-Ebb	B	10.5	10:01	6.26	8.24	27.35	29.19	3.48	7	112	0.177	E
C2A	20191012	Sunny	Moderate	Mid-Ebb	B	10.5	10:01	6.24	8	27.35	29.27	3.64	8	112	0.127	E
C2A	20191012	Sunny	Moderate	Mid-Ebb	M	5.75	10:02	6.17	7.88	27.5	29.28	2.94	7	113	0.148	SE
C2A	20191012	Sunny	Moderate	Mid-Ebb	M	5.75	10:02	6.52	7.91	27.51	29.26	3.05	7	112	0.216	E
C2A	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:03	6.16	8.28	27.4	29.13	2.72	3	113	0.093	SE
C2A	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:03	6.42	8.27	27.51	29.1	3.24	5	113	0.206	E
CR1	20191012	Sunny	Moderate	Mid-Ebb	B	12.3	10:18	6.14	7.9	27.59	29.29	3.37	8	113	0.143	SE
CR1	20191012	Sunny	Moderate	Mid-Ebb	B	12.3	10:18	6.18	8.05	27.41	29.23	3.4	7	113	0.12	S
CR1	20191012	Sunny	Moderate	Mid-Ebb	M	6.65	10:19	6.38	8.15	27.4	29.17	2.85	8	113	0.252	S
CR1	20191012	Sunny	Moderate	Mid-Ebb	M	6.65	10:19	6.28	8.23	27.46	29.16	2.77	10	113	0.191	SE
CR1	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:20	6.25	8.13	27.4	29.1	2.98	9	113	0.087	SE
CR1	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:20	6.08	7.96	27.68	29.12	3.04	8	113	0.21	E
CR2	20191012	Sunny	Moderate	Mid-Ebb	B	10.3	11:33	6.55	8.16	27.59	30.19	3.91	10	114	0.248	SE
CR2	20191012	Sunny	Moderate	Mid-Ebb	B	10.3	11:33	6.43	8.23	27.51	30.1	4.08	10	113	0.147	S
CR2	20191012	Sunny	Moderate	Mid-Ebb	M	5.65	11:34	6.34	7.92	27.55	30.07	3.05	8	113	0.106	SE
CR2	20191012	Sunny	Moderate	Mid-Ebb	M	5.65	11:34	5.96	8.2	27.54	30.04	3.46	8	113	0.127	S
CR2	20191012	Sunny	Moderate	Mid-Ebb	S	1	11:35	6.16	8.26	27.51	29.97	3.15	8	113	0.235	SE
CR2	20191012	Sunny	Moderate	Mid-Ebb	S	1	11:35	6.18	8.01	27.55	30.19	3.23	8	113	0.23	S
F1A	20191012	Sunny	Moderate	Mid-Ebb	B	7.2	11:40	6.51	8.18	27.7	30.23	3.47	10	113	0.14	SE
F1A	20191012	Sunny	Moderate	Mid-Ebb	B	7.2	11:40	5.93	8.18	27.37	30.19	3.34	10	113	0.186	E
F1A	20191012	Sunny	Moderate	Mid-Ebb	M	4.1	11:41	6.58	7.96	27.4	30.36	2.72	11	113	0.105	SE
F1A	20191012	Sunny	Moderate	Mid-Ebb	M	4.1	11:41	6.31	8.23	27.33	30.26	3.26	9	113	0.124	S
F1A	20191012	Sunny	Moderate	Mid-Ebb	S	1	11:42	6.1	8.08	27.65	30.47	2.7	10	111	0.108	S
F1A	20191012	Sunny	Moderate	Mid-Ebb	S	1	11:42	6.34	8.27	27.55	30.25	2.98	9	111	0.132	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 (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20191012	Sunny	Moderate	Mid-Ebb	B	7.8	10:38	6.51	8.19	27.3	29.37	3.78	8	112	0.138	S
H1	20191012	Sunny	Moderate	Mid-Ebb	B	7.8	10:38	6.33	8.06	27.58	29.34	3.35	10	113	0.128	S
H1	20191012	Sunny	Moderate	Mid-Ebb	M	4.4	10:39	6.38	7.93	27.46	29.49	3.24	9	112	0.115	S
H1	20191012	Sunny	Moderate	Mid-Ebb	M	4.4	10:39	6.24	8.17	27.57	29.42	2.82	8	113	0.21	S
H1	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:40	6.3	8.15	27.36	29.35	2.76	10	113	0.144	S
H1	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:40	6.33	7.99	27.44	29.5	2.87	9	113	0.138	S
M1	20191012	Sunny	Moderate	Mid-Ebb	B	8.1	12:12	6.52	8.16	27.69	30.23	3.79	12	113	0.186	SE
M1	20191012	Sunny	Moderate	Mid-Ebb	B	8.1	12:12	6.43	7.96	27.44	30.39	3.66	14	113	0.106	E
M1	20191012	Sunny	Moderate	Mid-Ebb	M	4.55	12:13	5.99	8.2	27.54	30.45	3.06	12	114	0.193	SE
M1	20191012	Sunny	Moderate	Mid-Ebb	M	4.55	12:13	6.2	7.86	27.37	30.45	3.06	12	113	0.165	SE
M1	20191012	Sunny	Moderate	Mid-Ebb	S	1	12:14	6.43	8.25	27.51	30.41	3.17	11	113	0.223	SE
M1	20191012	Sunny	Moderate	Mid-Ebb	S	1	12:14	6.54	7.95	27.55	30.27	2.78	10	113	0.199	SE
S1	20191012	Sunny	Moderate	Mid-Ebb	B	4.3	10:42	6.54	8.03	27.53	29.38	3.36	9	113	0.186	E
S1	20191012	Sunny	Moderate	Mid-Ebb	B	4.3	10:42	6.09	7.88	27.4	29.5	3.34	10	113	0.146	S
S1	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:43	6.48	8.22	27.61	29.37	2.83	11	113	0.162	E
S1	20191012	Sunny	Moderate	Mid-Ebb	S	1	10:43	6.41	8.16	27.46	29.44	2.79	13	113	0.09	S
S2A	20191012	Sunny	Moderate	Mid-Ebb	B	8.2	11:12	6.5	8.22	27.69	29.74	3.25	7	114	0.25	E
S2A	20191012	Sunny	Moderate	Mid-Ebb	B	8.2	11:12	6.25	7.89	27.49	29.72	3.53	6	113	0.152	SE
S2A	20191012	Sunny	Moderate	Mid-Ebb	M	4.6	11:13	6.21	8.13	27.59	29.73	2.75	7	113	0.123	E
S2A	20191012	Sunny	Moderate	Mid-Ebb	M	4.6	11:13	6.15	7.9	27.5	29.8	3.25	7	113	0.165	SE
S2A	20191012	Sunny	Moderate	Mid-Ebb	S	1	11:14	6.06	7.94	27.44	29.82	3.18	9	112	0.23	SE
S2A	20191012	Sunny	Moderate	Mid-Ebb	S	1	11:14	6.47	8.18	27.55	29.93	2.71	8	112	0.1	SE
S3	20191012	Sunny	Moderate	Mid-Ebb	B	9.7	11:43	6.56	8.22	27.31	30.28	3.76	7	114	0.08	E
S3	20191012	Sunny	Moderate	Mid-Ebb	B	9.7	11:43	6.33	8.12	27.6	30.33	3.78	9	113	0.198	S
S3	20191012	Sunny	Moderate	Mid-Ebb	M	5.35	11:44	6.32	7.93	27.61	30.46	3.09	9	113	0.101	SE
S3	20191012	Sunny	Moderate	Mid-Ebb	M	5.35	11:44	6.53	8.09	27.51	30.44	3.43	7	113	0.154	S
S3	20191012	Sunny	Moderate	Mid-Ebb	S	1	11:45	6.23	7.86	27.3	30.37	3.57	5	114	0.146	SE
S3	20191012	Sunny	Moderate	Mid-Ebb	S	1	11:45	6.27	7.93	27.48	30.24	3.48	7	114	0.105	SE
B1	20191012	Sunny	Moderate	Mid-Flood	B	4.6	15:33	6.2	7.99	27.82	30.3	3.56	7	113	0.217	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B1	20191012	Sunny	Moderate	Mid-Flood	B	4.6	15:33	6.73	7.82	27.61	30.36	3.52	6	112	0.281	SW
B1	20191012	Sunny	Moderate	Mid-Flood	S	1	15:34	6.28	8.13	27.69	30.52	2.99	8	111	0.231	W
B1	20191012	Sunny	Moderate	Mid-Flood	S	1	15:34	6.24	8.02	27.72	30.24	2.99	8	112	0.193	W
B2	20191012	Sunny	Moderate	Mid-Flood	B	4	15:53	6.73	8.25	27.51	30.44	3.63	7	112	0.222	NW
B2	20191012	Sunny	Moderate	Mid-Flood	B	4	15:53	6.27	7.85	27.64	30.2	3.62	5	113	0.28	W
B2	20191012	Sunny	Moderate	Mid-Flood	S	1	15:54	6.7	7.97	27.95	30.4	3.01	5	113	0.21	W
B2	20191012	Sunny	Moderate	Mid-Flood	S	1	15:54	6.26	8.06	27.97	30.41	3.14	7	113	0.124	SW
B3	20191012	Sunny	Moderate	Mid-Flood	B	3.3	16:07	6.48	8.23	27.87	29.86	3.8	12	112	0.222	W
B3	20191012	Sunny	Moderate	Mid-Flood	B	3.3	16:07	6.8	8.12	27.97	29.87	3.6	10	113	0.135	W
B3	20191012	Sunny	Moderate	Mid-Flood	S	1	16:08	6.68	8.27	27.96	29.86	3.19	8	112	0.202	NW
B3	20191012	Sunny	Moderate	Mid-Flood	S	1	16:08	6.7	8.07	27.75	29.92	3.03	9	111	0.168	SW
B4	20191012	Sunny	Moderate	Mid-Flood	B	4.2	16:18	6.46	8.27	27.84	30.11	3.5	8	112	0.133	SW
B4	20191012	Sunny	Moderate	Mid-Flood	B	4.2	16:18	6.48	8.19	27.8	30.09	3.87	8	112	0.213	SW
B4	20191012	Sunny	Moderate	Mid-Flood	S	1	16:19	6.57	7.79	27.6	30.02	3.15	8	113	0.213	W
B4	20191012	Sunny	Moderate	Mid-Flood	S	1	16:19	6.42	8.26	27.85	30.04	2.93	9	113	0.237	NW
C1A	20191012	Sunny	Moderate	Mid-Flood	B	9.4	15:08	6.32	7.75	27.86	30.39	3.24	8	113	0.23	SW
C1A	20191012	Sunny	Moderate	Mid-Flood	B	9.4	15:08	6.19	7.8	27.44	30.7	3.71	7	113	0.16	W
C1A	20191012	Sunny	Moderate	Mid-Flood	M	5.2	15:09	6.47	7.96	27.88	30.55	3.21	4	113	0.231	W
C1A	20191012	Sunny	Moderate	Mid-Flood	M	5.2	15:09	6.64	8.02	27.51	30.32	3.28	5	112	0.254	NW
C1A	20191012	Sunny	Moderate	Mid-Flood	S	1	15:10	6.74	7.99	27.64	30.41	3.03	5	112	0.127	W
C1A	20191012	Sunny	Moderate	Mid-Flood	S	1	15:10	6.14	8.12	27.72	30.37	2.69	5	112	0.132	W
C2A	20191012	Sunny	Moderate	Mid-Flood	B	11	15:08	6.45	8.13	27.68	30.53	3.73	6	113	0.174	W
C2A	20191012	Sunny	Moderate	Mid-Flood	B	11	15:08	6.19	7.88	27.76	30.4	3.52	4	113	0.255	NW
C2A	20191012	Sunny	Moderate	Mid-Flood	M	6	15:09	6.73	8.17	27.43	30.58	3.18	8	113	0.186	SW
C2A	20191012	Sunny	Moderate	Mid-Flood	M	6	15:09	6.48	8.19	27.81	30.6	3.1	6	112	0.125	W
C2A	20191012	Sunny	Moderate	Mid-Flood	S	1	15:10	6.35	8.13	27.44	30.68	2.81	8	113	0.264	SW
C2A	20191012	Sunny	Moderate	Mid-Flood	S	1	15:10	6.4	8.27	27.7	30.44	2.78	6	113	0.222	W
CR1	20191012	Sunny	Moderate	Mid-Flood	B	11.8	15:26	6.47	8.18	27.5	30.36	3.57	6	111	0.127	NW
CR1	20191012	Sunny	Moderate	Mid-Flood	B	11.8	15:26	6.45	8.12	27.51	30.25	3.44	7	112	0.22	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20191012	Sunny	Moderate	Mid-Flood	M	6.4	15:27	6.24	7.8	27.4	30.44	3.08	7	112	0.176	W
CR1	20191012	Sunny	Moderate	Mid-Flood	M	6.4	15:27	6.57	8.11	27.57	30.37	3.19	7	112	0.168	NW
CR1	20191012	Sunny	Moderate	Mid-Flood	S	1	15:28	6.71	7.98	27.84	30.52	3.09	4	112	0.241	W
CR1	20191012	Sunny	Moderate	Mid-Flood	S	1	15:28	6.38	7.87	27.78	30.21	3.05	6	111	0.227	W
CR2	20191012	Sunny	Moderate	Mid-Flood	B	10.2	16:34	6.35	7.8	27.54	29.74	3.76	8	113	0.144	W
CR2	20191012	Sunny	Moderate	Mid-Flood	B	10.2	16:34	6.49	7.86	27.4	29.98	3.45	8	111	0.145	W
CR2	20191012	Sunny	Moderate	Mid-Flood	M	5.6	16:35	6.41	7.91	27.93	30.01	3.58	5	112	0.149	SW
CR2	20191012	Sunny	Moderate	Mid-Flood	M	5.6	16:35	6.29	8.25	27.5	29.99	3.49	6	111	0.15	NW
CR2	20191012	Sunny	Moderate	Mid-Flood	S	1	16:36	6.3	7.96	27.45	30.03	3.35	4	111	0.225	NW
CR2	20191012	Sunny	Moderate	Mid-Flood	S	1	16:36	6.73	7.98	27.61	29.89	3.02	3	112	0.218	W
F1A	20191012	Sunny	Moderate	Mid-Flood	B	7	16:51	6.31	7.92	27.4	30	3.61	9	113	0.223	SW
F1A	20191012	Sunny	Moderate	Mid-Flood	B	7	16:51	6.2	8.01	27.93	29.95	3.75	8	113	0.173	W
F1A	20191012	Sunny	Moderate	Mid-Flood	M	4	16:52	6.12	7.77	27.81	29.85	3.33	6	111	0.142	W
F1A	20191012	Sunny	Moderate	Mid-Flood	M	4	16:52	6.33	7.79	27.63	30	2.97	5	112	0.178	W
F1A	20191012	Sunny	Moderate	Mid-Flood	S	1	16:53	6.62	8.07	27.59	29.78	3.28	7	112	0.254	SW
F1A	20191012	Sunny	Moderate	Mid-Flood	S	1	16:53	6.81	8.25	27.55	29.95	3.06	5	113	0.227	W
H1	20191012	Sunny	Moderate	Mid-Flood	B	7.1	15:49	6.38	8.08	27.91	30.4	3.52	10	113	0.193	W
H1	20191012	Sunny	Moderate	Mid-Flood	B	7.1	15:49	6.61	8.28	27.87	30.09	3.75	9	113	0.13	SW
H1	20191012	Sunny	Moderate	Mid-Flood	M	4.05	15:50	6.05	8.01	27.81	30.44	2.97	6	112	0.272	W
H1	20191012	Sunny	Moderate	Mid-Flood	M	4.05	15:50	6.38	7.84	27.6	30.06	3.22	8	113	0.276	W
H1	20191012	Sunny	Moderate	Mid-Flood	S	1	15:51	6.52	8.02	27.71	30.39	2.93	6	113	0.138	NW
H1	20191012	Sunny	Moderate	Mid-Flood	S	1	15:51	6.49	7.81	27.73	30.09	2.9	7	112	0.164	W
M1	20191012	Sunny	Moderate	Mid-Flood	B	7.7	17:29	6.57	7.85	27.76	29.95	3.43	6	112	0.269	W
M1	20191012	Sunny	Moderate	Mid-Flood	B	7.7	17:29	6.17	8.29	27.65	29.85	3.4	7	113	0.195	W
M1	20191012	Sunny	Moderate	Mid-Flood	M	4.35	17:30	6.44	7.81	27.66	29.79	3.24	8	112	0.126	NW
M1	20191012	Sunny	Moderate	Mid-Flood	M	4.35	17:30	6.68	8.23	27.82	29.82	2.94	7	112	0.234	SW
M1	20191012	Sunny	Moderate	Mid-Flood	S	1	17:31	6.36	7.97	27.42	30	2.73	8	112	0.164	W
M1	20191012	Sunny	Moderate	Mid-Flood	S	1	17:31	6.09	7.78	27.53	29.78	3.19	6	112	0.22	W
S1	20191012	Sunny	Moderate	Mid-Flood	B	4.3	15:43	6.55	8.17	27.76	30.09	3.48	6	112	0.158	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 (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S1	20191012	Sunny	Moderate	Mid-Flood	B	4.3	15:43	6.35	7.91	27.84	30.41	3.37	5	112	0.259	W
S1	20191012	Sunny	Moderate	Mid-Flood	S	1	15:44	6.58	7.77	27.48	30.36	3.03	6	113	0.247	W
S1	20191012	Sunny	Moderate	Mid-Flood	S	1	15:44	6.61	7.92	27.48	30.14	2.77	5	113	0.207	SW
S2A	20191012	Sunny	Moderate	Mid-Flood	B	8.5	16:13	6.26	8.21	27.59	29.8	3.38	5	112	0.282	W
S2A	20191012	Sunny	Moderate	Mid-Flood	B	8.5	16:13	6.24	8.02	27.89	29.98	3.47	4	113	0.231	SW
S2A	20191012	Sunny	Moderate	Mid-Flood	M	4.75	16:14	6.67	8.25	27.77	29.92	2.91	4	112	0.212	W
S2A	20191012	Sunny	Moderate	Mid-Flood	M	4.75	16:14	6.07	8.06	27.68	29.78	3.29	5	111	0.176	W
S2A	20191012	Sunny	Moderate	Mid-Flood	S	1	16:15	6.38	8.23	27.68	29.79	2.73	5	112	0.199	SW
S2A	20191012	Sunny	Moderate	Mid-Flood	S	1	16:15	6.23	8.17	27.5	29.93	2.69	5	113	0.218	W
S3	20191012	Sunny	Moderate	Mid-Flood	B	8.5	16:44	6.2	8.27	27.41	29.92	3.88	5	113	0.283	W
S3	20191012	Sunny	Moderate	Mid-Flood	B	8.5	16:44	6.39	7.78	27.84	29.96	3.82	5	112	0.273	W
S3	20191012	Sunny	Moderate	Mid-Flood	M	4.75	16:45	6.74	7.83	27.77	29.83	3.66	5	113	0.156	SW
S3	20191012	Sunny	Moderate	Mid-Flood	M	4.75	16:45	6.79	8.27	27.67	29.96	3.36	4	112	0.128	NW
S3	20191012	Sunny	Moderate	Mid-Flood	S	1	16:46	6.36	8.11	27.55	30.02	3.53	6	112	0.232	NW
S3	20191012	Sunny	Moderate	Mid-Flood	S	1	16:46	6.16	7.88	27.5	29.87	3.57	6	113	0.177	W
B1	20191014	Cloudy	Moderate	Mid-Ebb	B	3.5	11:15	6.81	8.29	24.38	27.06	2.99	6	111	0.113	SE
B1	20191014	Cloudy	Moderate	Mid-Ebb	B	3.5	11:15	6.82	8.05	24.38	27.04	2.93	6	111	0.234	S
B1	20191014	Cloudy	Moderate	Mid-Ebb	S	1	11:16	7.26	8	24.29	26.85	2.38	6	111	0.09	E
B1	20191014	Cloudy	Moderate	Mid-Ebb	S	1	11:16	7.19	8.27	24.63	27.01	2.77	7	111	0.233	SE
B2	20191014	Cloudy	Moderate	Mid-Ebb	B	4.9	11:36	6.6	8.33	24.2	26.96	2.94	9	111	0.202	S
B2	20191014	Cloudy	Moderate	Mid-Ebb	B	4.9	11:36	6.66	8.26	24.56	27.14	3	7	111	0.09	SE
B2	20191014	Cloudy	Moderate	Mid-Ebb	S	1	11:37	6.89	8.17	24.29	26.93	2.49	10	111	0.077	SE
B2	20191014	Cloudy	Moderate	Mid-Ebb	S	1	11:37	7.26	8.16	24.56	27.19	2.41	9	111	0.118	E
B3	20191014	Cloudy	Moderate	Mid-Ebb	B	3.8	11:51	6.98	8.05	24.21	27.03	3.5	9	111	0.096	SE
B3	20191014	Cloudy	Moderate	Mid-Ebb	B	3.8	11:51	7.29	7.98	24.36	26.89	3.19	8	111	0.222	S
B3	20191014	Cloudy	Moderate	Mid-Ebb	S	1	11:52	7.15	7.98	24.67	26.89	2.91	6	111	0.204	SE
B3	20191014	Cloudy	Moderate	Mid-Ebb	S	1	11:52	7.33	8.02	24.32	27.17	2.37	8	111	0.085	SE
B4	20191014	Cloudy	Moderate	Mid-Ebb	B	3.3	12:03	7.12	8.28	24.4	27.02	3.42	8	111	0.15	SE
B4	20191014	Cloudy	Moderate	Mid-Ebb	B	3.3	12:03	7.21	7.97	24.27	27.06	3.04	9	112	0.203	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B4	20191014	Cloudy	Moderate	Mid-Ebb	S	1	12:04	7.16	8.2	24.28	27.02	2.68	7	112	0.234	SE
B4	20191014	Cloudy	Moderate	Mid-Ebb	S	1	12:04	6.83	8.06	24.68	27.19	2.86	6	111	0.216	SE
C1A	20191014	Cloudy	Moderate	Mid-Ebb	B	8.5	10:50	6.89	8.17	24.37	25.97	3.39	6	111	0.16	S
C1A	20191014	Cloudy	Moderate	Mid-Ebb	B	8.5	10:50	6.8	8.31	24.53	26.82	3.12	7	111	0.172	E
C1A	20191014	Cloudy	Moderate	Mid-Ebb	M	4.75	10:51	6.88	8.3	24.35	26.77	2.77	5	111	0.192	E
C1A	20191014	Cloudy	Moderate	Mid-Ebb	M	4.75	10:51	7.1	8.1	24.4	27.06	2.59	4	112	0.214	SE
C1A	20191014	Cloudy	Moderate	Mid-Ebb	S	1	10:52	7.26	8.14	24.58	27.08	2.76	5	111	0.238	S
C1A	20191014	Cloudy	Moderate	Mid-Ebb	S	1	10:52	6.95	8.14	24.55	27.03	2.42	4	111	0.149	E
C2A	20191014	Cloudy	Moderate	Mid-Ebb	B	10.7	10:56	7.08	8.13	24.34	26.76	3.15	11	111	0.105	E
C2A	20191014	Cloudy	Moderate	Mid-Ebb	B	10.7	10:56	7.03	8.03	24.69	26.71	3.44	9	111	0.162	S
C2A	20191014	Cloudy	Moderate	Mid-Ebb	M	5.85	10:57	6.93	8.25	24.5	27.09	2.71	6	110	0.166	SE
C2A	20191014	Cloudy	Moderate	Mid-Ebb	M	5.85	10:57	7.39	8.31	24.62	26.84	2.63	7	111	0.162	S
C2A	20191014	Cloudy	Moderate	Mid-Ebb	S	1	10:58	7.24	8.2	24.58	26.78	2.78	5	111	0.233	SE
C2A	20191014	Cloudy	Moderate	Mid-Ebb	S	1	10:58	6.7	8.17	24.51	27.07	2.62	6	111	0.151	E
CR1	20191014	Cloudy	Moderate	Mid-Ebb	B	11.3	11:15	7.09	8.34	24.27	27.03	3.33	14	112	0.207	SE
CR1	20191014	Cloudy	Moderate	Mid-Ebb	B	11.3	11:15	6.97	8.2	24.6	26.92	3.36	13	112	0.237	S
CR1	20191014	Cloudy	Moderate	Mid-Ebb	M	6.15	11:16	6.79	8.31	24.42	27.17	2.68	13	112	0.196	S
CR1	20191014	Cloudy	Moderate	Mid-Ebb	M	6.15	11:16	6.9	8.06	24.61	26.94	2.49	13	112	0.121	S
CR1	20191014	Cloudy	Moderate	Mid-Ebb	S	1	11:17	6.62	8.28	24.22	26.97	2.71	10	112	0.096	S
CR1	20191014	Cloudy	Moderate	Mid-Ebb	S	1	11:17	6.66	8.34	24.42	27.15	2.58	12	112	0.17	E
CR2	20191014	Cloudy	Moderate	Mid-Ebb	B	9.9	12:28	6.77	8.23	24.49	26.92	3.4	13	111	0.197	S
CR2	20191014	Cloudy	Moderate	Mid-Ebb	B	9.9	12:28	7.14	8.26	24.53	27.05	3.15	13	111	0.186	E
CR2	20191014	Cloudy	Moderate	Mid-Ebb	M	5.45	12:29	7.16	8.03	24.62	27.19	2.56	11	112	0.122	SE
CR2	20191014	Cloudy	Moderate	Mid-Ebb	M	5.45	12:29	6.59	8.23	24.45	27.1	2.87	11	111	0.198	SE
CR2	20191014	Cloudy	Moderate	Mid-Ebb	S	1	12:30	6.82	8.16	24.49	27.14	2.43	7	111	0.099	SE
CR2	20191014	Cloudy	Moderate	Mid-Ebb	S	1	12:30	6.58	8.06	24.3	26.95	2.81	8	112	0.134	E
F1A	20191014	Cloudy	Moderate	Mid-Ebb	B	7.2	12:31	6.53	8.2	24.47	27.13	3.36	8	112	0.137	E
F1A	20191014	Cloudy	Moderate	Mid-Ebb	B	7.2	12:31	7.32	8.09	24.48	27.05	2.9	9	112	0.079	SE
F1A	20191014	Cloudy	Moderate	Mid-Ebb	M	4.1	12:32	7.05	8.21	24.2	27.18	2.74	7	112	0.242	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20191014	Cloudy	Moderate	Mid-Ebb	M	4.1	12:32	6.77	8.19	24.47	27.12	2.82	8	112	0.244	S
F1A	20191014	Cloudy	Moderate	Mid-Ebb	S	1	12:33	6.85	7.97	24.6	27.07	2.35	7	111	0.227	SE
F1A	20191014	Cloudy	Moderate	Mid-Ebb	S	1	12:33	7.15	8.06	24.22	26.94	2.54	8	111	0.232	S
H1	20191014	Cloudy	Moderate	Mid-Ebb	B	7.2	11:36	6.64	8.33	24.37	27.09	3.03	5	111	0.238	S
H1	20191014	Cloudy	Moderate	Mid-Ebb	B	7.2	11:36	6.82	8.13	24.6	27.03	3.23	6	111	0.095	S
H1	20191014	Cloudy	Moderate	Mid-Ebb	M	4.1	11:37	7.35	8.12	24.59	26.91	2.44	6	110	0.156	SE
H1	20191014	Cloudy	Moderate	Mid-Ebb	M	4.1	11:37	6.53	8.05	24.67	26.86	2.93	5	111	0.106	E
H1	20191014	Cloudy	Moderate	Mid-Ebb	S	1	11:38	6.81	7.98	24.69	26.94	2.45	6	111	0.196	S
H1	20191014	Cloudy	Moderate	Mid-Ebb	S	1	11:38	7.05	8.19	24.64	27.19	2.78	6	110	0.191	E
M1	20191014	Cloudy	Moderate	Mid-Ebb	B	8.6	13:00	6.87	8.1	24.69	26.99	2.97	12	111	0.215	S
M1	20191014	Cloudy	Moderate	Mid-Ebb	B	8.6	13:00	6.99	8.08	24.61	26.83	2.99	14	111	0.15	S
M1	20191014	Cloudy	Moderate	Mid-Ebb	M	4.8	13:01	6.6	8.33	24.7	26.92	2.37	11	111	0.165	S
M1	20191014	Cloudy	Moderate	Mid-Ebb	M	4.8	13:01	7.16	8.11	24.63	26.85	2.57	12	111	0.181	E
M1	20191014	Cloudy	Moderate	Mid-Ebb	S	1	13:02	6.78	8.01	24.52	26.97	2.42	12	111	0.094	S
M1	20191014	Cloudy	Moderate	Mid-Ebb	S	1	13:02	6.91	8.27	24.53	26.99	2.76	14	111	0.126	SE
S1	20191014	Cloudy	Moderate	Mid-Ebb	B	4.3	11:25	6.99	8.33	24.36	27.1	3.37	7	112	0.127	E
S1	20191014	Cloudy	Moderate	Mid-Ebb	B	4.3	11:25	6.52	8.14	24.48	27.14	3.4	6	112	0.103	SE
S1	20191014	Cloudy	Moderate	Mid-Ebb	S	1	11:26	6.55	8.11	24.33	26.96	2.8	6	112	0.229	SE
S1	20191014	Cloudy	Moderate	Mid-Ebb	S	1	11:26	7.1	8.33	24.31	26.97	2.52	5	111	0.228	SE
S2A	20191014	Cloudy	Moderate	Mid-Ebb	B	8.2	12:00	7.39	8.15	24.34	27.14	2.86	10	112	0.131	S
S2A	20191014	Cloudy	Moderate	Mid-Ebb	B	8.2	12:00	6.86	7.98	24.59	27.06	3.15	11	112	0.159	E
S2A	20191014	Cloudy	Moderate	Mid-Ebb	M	4.6	12:01	7.16	8.27	24.39	27.05	2.84	8	112	0.205	E
S2A	20191014	Cloudy	Moderate	Mid-Ebb	M	4.6	12:01	6.72	8.32	24.52	27.12	2.69	8	112	0.202	SE
S2A	20191014	Cloudy	Moderate	Mid-Ebb	S	1	12:02	6.66	7.97	24.21	26.89	2.75	7	112	0.209	S
S2A	20191014	Cloudy	Moderate	Mid-Ebb	S	1	12:02	6.92	8.07	24.64	26.85	2.55	6	112	0.161	E
S3	20191014	Cloudy	Moderate	Mid-Ebb	B	9.6	12:38	6.94	7.98	24.24	26.86	3.43	10	112	0.105	SE
S3	20191014	Cloudy	Moderate	Mid-Ebb	B	9.6	12:38	7.38	8.1	24.59	26.85	3.13	11	112	0.132	E
S3	20191014	Cloudy	Moderate	Mid-Ebb	M	5.3	12:39	6.62	8.23	24.45	26.97	2.71	10	111	0.14	S
S3	20191014	Cloudy	Moderate	Mid-Ebb	M	5.3	12:39	6.57	8.03	24.28	26.85	2.55	8	112	0.124	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20191014	Cloudy	Moderate	Mid-Ebb	S	1	12:40	7.15	8.15	24.66	26.88	2.7	8	111	0.204	SE
S3	20191014	Cloudy	Moderate	Mid-Ebb	S	1	12:40	7.39	8.18	24.56	27.05	2.97	10	112	0.213	E
B1	20191014	Cloudy	Moderate	Mid-Flood	B	3.9	16:16	6.55	8.12	24.94	27.07	3.08	6	111	0.197	W
B1	20191014	Cloudy	Moderate	Mid-Flood	B	3.9	16:16	7.45	7.87	25.06	27.11	3.41	8	112	0.256	SW
B1	20191014	Cloudy	Moderate	Mid-Flood	S	1	16:17	6.9	8.38	25.05	26.97	2.75	5	112	0.226	W
B1	20191014	Cloudy	Moderate	Mid-Flood	S	1	16:17	6.63	7.99	24.88	27.06	2.9	7	112	0.128	SW
B2	20191014	Cloudy	Moderate	Mid-Flood	B	3.9	16:37	7.19	8.19	25.09	26.96	3.42	9	111	0.277	NW
B2	20191014	Cloudy	Moderate	Mid-Flood	B	3.9	16:37	6.96	8.13	24.74	27.15	3.28	10	111	0.16	W
B2	20191014	Cloudy	Moderate	Mid-Flood	S	1	16:38	7	8.14	24.4	27.03	2.89	9	112	0.159	W
B2	20191014	Cloudy	Moderate	Mid-Flood	S	1	16:38	7.22	8.12	24.88	27.03	2.8	7	111	0.216	SW
B3	20191014	Cloudy	Moderate	Mid-Flood	B	3.9	16:49	7	8.24	24.79	27.08	3.22	8	111	0.252	W
B3	20191014	Cloudy	Moderate	Mid-Flood	B	3.9	16:49	7.42	8.08	24.8	26.92	3.08	9	111	0.247	W
B3	20191014	Cloudy	Moderate	Mid-Flood	S	1	16:50	7.45	7.98	25.06	26.8	2.84	7	111	0.279	SW
B3	20191014	Cloudy	Moderate	Mid-Flood	S	1	16:50	6.88	7.99	25.09	26.75	2.88	8	111	0.246	SW
B4	20191014	Cloudy	Moderate	Mid-Flood	B	3.9	17:00	6.67	7.91	24.54	26.7	3.5	9	111	0.217	W
B4	20191014	Cloudy	Moderate	Mid-Flood	B	3.9	17:00	6.74	8.31	24.45	26.98	3.24	7	112	0.292	W
B4	20191014	Cloudy	Moderate	Mid-Flood	S	1	17:01	7.21	8.1	24.8	26.73	2.61	6	112	0.124	W
B4	20191014	Cloudy	Moderate	Mid-Flood	S	1	17:01	7.19	8.3	24.53	26.79	2.96	4	111	0.247	W
C1A	20191014	Cloudy	Moderate	Mid-Flood	B	10.8	15:51	7.01	8.17	24.66	27.28	3.1	11	110	0.127	W
C1A	20191014	Cloudy	Moderate	Mid-Flood	B	10.8	15:51	7.16	8.28	24.76	27.02	2.94	12	112	0.21	SW
C1A	20191014	Cloudy	Moderate	Mid-Flood	M	5.9	15:52	6.96	8.37	24.42	26.94	2.79	12	111	0.133	W
C1A	20191014	Cloudy	Moderate	Mid-Flood	M	5.9	15:52	6.86	8.13	25.05	27.18	2.85	10	111	0.252	SW
C1A	20191014	Cloudy	Moderate	Mid-Flood	S	1	15:53	7.34	7.88	24.58	26.98	2.63	8	112	0.124	W
C1A	20191014	Cloudy	Moderate	Mid-Flood	S	1	15:53	6.7	8.05	24.67	26.94	2.75	9	112	0.23	NW
C2A	20191014	Cloudy	Moderate	Mid-Flood	B	11	15:50	7.49	8.06	24.52	27.15	3.41	10	112	0.195	W
C2A	20191014	Cloudy	Moderate	Mid-Flood	B	11	15:50	7.32	8.34	24.98	26.92	2.97	11	111	0.249	SW
C2A	20191014	Cloudy	Moderate	Mid-Flood	M	6	15:51	7.38	8.14	24.57	27.17	2.92	9	111	0.271	SW
C2A	20191014	Cloudy	Moderate	Mid-Flood	M	6	15:51	6.62	8.31	25.12	27.29	2.7	8	110	0.198	SW
C2A	20191014	Cloudy	Moderate	Mid-Flood	S	1	15:52	6.95	7.94	24.47	27.05	2.84	10	112	0.124	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 (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20191014	Cloudy	Moderate	Mid-Flood	S	1	15:52	6.64	8.24	24.49	26.94	2.6	10	111	0.155	W
F1A	20191014	Cloudy	Moderate	Mid-Flood	B	6.8	17:32	7.11	7.99	24.41	27.19	3.39	8	111	0.136	W
F1A	20191014	Cloudy	Moderate	Mid-Flood	B	6.8	17:32	7.21	8.24	24.86	27.06	2.99	8	110	0.138	W
F1A	20191014	Cloudy	Moderate	Mid-Flood	M	3.9	17:33	7.06	7.91	25.01	27.22	2.81	10	111	0.209	W
F1A	20191014	Cloudy	Moderate	Mid-Flood	M	3.9	17:33	7.46	8.08	24.79	26.98	3.13	11	112	0.167	W
F1A	20191014	Cloudy	Moderate	Mid-Flood	S	1	17:34	7.01	7.86	24.76	27.04	2.48	9	111	0.186	W
F1A	20191014	Cloudy	Moderate	Mid-Flood	S	1	17:34	6.89	7.88	24.85	27.24	2.54	10	111	0.275	W
H1	20191014	Cloudy	Moderate	Mid-Flood	B	7.3	16:30	6.88	8.14	25.12	26.92	3.37	7	112	0.183	W
H1	20191014	Cloudy	Moderate	Mid-Flood	B	7.3	16:30	6.88	7.99	24.88	27.12	3.05	6	111	0.29	W
H1	20191014	Cloudy	Moderate	Mid-Flood	M	4.15	16:31	7.01	8.04	24.57	27.22	2.83	5	112	0.2	W
H1	20191014	Cloudy	Moderate	Mid-Flood	M	4.15	16:31	7.11	8	24.9	27.26	2.8	6	111	0.274	W
H1	20191014	Cloudy	Moderate	Mid-Flood	S	1	16:32	7.02	7.98	24.77	27.27	2.39	5	111	0.192	W
H1	20191014	Cloudy	Moderate	Mid-Flood	S	1	16:32	7.36	8.18	24.93	27.12	2.65	5	112	0.206	SW
M1	20191014	Cloudy	Moderate	Mid-Flood	B	6.4	18:04	6.58	8.38	24.56	26.82	3.13	5	111	0.28	W
M1	20191014	Cloudy	Moderate	Mid-Flood	B	6.4	18:04	6.93	8	24.57	26.57	3.17	6	111	0.203	NW
M1	20191014	Cloudy	Moderate	Mid-Flood	M	3.7	18:05	7.07	8	24.88	26.9	2.91	5	112	0.226	W
M1	20191014	Cloudy	Moderate	Mid-Flood	M	3.7	18:05	6.81	8	24.98	26.65	2.98	5	112	0.193	NW
M1	20191014	Cloudy	Moderate	Mid-Flood	S	1	18:06	7.32	8.39	25.14	26.76	2.78	6	111	0.178	W
M1	20191014	Cloudy	Moderate	Mid-Flood	S	1	18:06	6.58	8.08	24.84	26.59	2.9	7	111	0.221	W
CR1	20191014	Cloudy	Moderate	Mid-Flood	B	11.9	16:08	7.17	8.15	24.42	27.11	2.9	10	112	0.267	W
CR1	20191014	Cloudy	Moderate	Mid-Flood	B	11.9	16:08	6.67	8.07	24.42	27.06	3.31	10	111	0.123	W
CR1	20191014	Cloudy	Moderate	Mid-Flood	M	6.45	16:09	7.24	8.25	24.69	26.98	2.73	9	111	0.168	W
CR1	20191014	Cloudy	Moderate	Mid-Flood	M	6.45	16:09	7.04	8.33	25.05	27.04	2.88	9	111	0.214	W
CR1	20191014	Cloudy	Moderate	Mid-Flood	S	1	16:10	7.19	8.37	24.43	27.28	2.8	8	111	0.153	SW
CR1	20191014	Cloudy	Moderate	Mid-Flood	S	1	16:10	6.83	8.31	24.72	27.22	2.37	8	111	0.189	W
CR2	20191014	Cloudy	Moderate	Mid-Flood	B	10.1	17:29	7.15	8.23	24.55	27.07	3.38	4	112	0.234	W
CR2	20191014	Cloudy	Moderate	Mid-Flood	B	10.1	17:29	7.33	8.22	25.02	27.26	2.99	6	111	0.212	SW
CR2	20191014	Cloudy	Moderate	Mid-Flood	M	5.55	17:30	6.96	7.96	24.72	27.11	2.89	6	112	0.282	W
CR2	20191014	Cloudy	Moderate	Mid-Flood	M	5.55	17:30	7.03	8.13	24.41	27.27	2.96	6	112	0.201	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 (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20191014	Cloudy	Moderate	Mid-Flood	S	1	17:31	7.26	8.29	24.83	27.27	2.43	5	111	0.193	W
CR2	20191014	Cloudy	Moderate	Mid-Flood	S	1	17:31	7.41	8.07	24.63	27.16	2.54	5	111	0.262	NW
S1	20191014	Cloudy	Moderate	Mid-Flood	B	4.6	16:26	7.48	8.17	24.67	27.15	3.38	12	111	0.262	W
S1	20191014	Cloudy	Moderate	Mid-Flood	B	4.6	16:26	7.39	8.37	24.66	27.03	3.06	12	111	0.287	W
S1	20191014	Cloudy	Moderate	Mid-Flood	S	1	16:27	7.19	8.22	24.82	27.25	2.42	10	110	0.193	W
S1	20191014	Cloudy	Moderate	Mid-Flood	S	1	16:27	6.86	8.09	24.71	27.24	2.88	11	111	0.271	NW
S2A	20191014	Cloudy	Moderate	Mid-Flood	B	8.7	17:01	7.21	8.09	25.13	27.16	3.08	8	110	0.267	NW
S2A	20191014	Cloudy	Moderate	Mid-Flood	B	8.7	17:01	6.79	8.03	24.97	27.22	3.19	8	111	0.149	NW
S2A	20191014	Cloudy	Moderate	Mid-Flood	M	4.85	17:02	6.55	8.07	24.74	27.06	2.71	7	111	0.223	W
S2A	20191014	Cloudy	Moderate	Mid-Flood	M	4.85	17:02	6.62	8.36	25.01	27.25	3.07	8	111	0.21	W
S2A	20191014	Cloudy	Moderate	Mid-Flood	S	1	17:03	6.68	7.86	24.86	26.97	2.76	6	111	0.246	SW
S2A	20191014	Cloudy	Moderate	Mid-Flood	S	1	17:03	6.85	7.94	24.5	27.14	2.88	8	111	0.167	SW
S3	20191014	Cloudy	Moderate	Mid-Flood	B	8	17:39	7.17	7.99	24.83	27.12	3.59	11	112	0.171	W
S3	20191014	Cloudy	Moderate	Mid-Flood	B	8	17:39	7.38	8.29	25.01	26.99	3.59	9	111	0.122	W
S3	20191014	Cloudy	Moderate	Mid-Flood	M	4.5	17:40	7.14	8.28	24.79	27.18	2.82	9	111	0.152	W
S3	20191014	Cloudy	Moderate	Mid-Flood	M	4.5	17:40	6.76	8.35	25.03	27.13	3.09	7	111	0.142	W
S3	20191014	Cloudy	Moderate	Mid-Flood	S	1	17:41	6.62	8.12	24.99	26.9	2.6	8	112	0.249	W
S3	20191014	Cloudy	Moderate	Mid-Flood	S	1	17:41	6.79	8	24.42	27.08	2.67	7	111	0.133	W
B1	20191016	Sunny	Moderate	Mid-Flood	B	4.3	08:25	6.3	8.25	28.66	28.31	4.46	20	112	0.24	W
B1	20191016	Sunny	Moderate	Mid-Flood	B	4.3	08:25	5.83	8.27	28.73	28.25	4.39	18	113	0.293	W
B1	20191016	Sunny	Moderate	Mid-Flood	S	1	08:26	5.92	8.07	28.53	28.27	4.08	22	113	0.273	W
B1	20191016	Sunny	Moderate	Mid-Flood	S	1	08:26	6.28	8.22	28.81	28.41	4.11	21	113	0.188	SW
B2	20191016	Sunny	Moderate	Mid-Flood	B	3.4	08:46	5.88	8.13	28.69	28.1	4.62	28	113	0.211	W
B2	20191016	Sunny	Moderate	Mid-Flood	B	3.4	08:46	5.75	8.07	28.7	28.11	4.33	27	113	0.341	W
B2	20191016	Sunny	Moderate	Mid-Flood	S	1	08:47	6.26	8.11	28.76	28.3	3.87	24	113	0.311	W
B2	20191016	Sunny	Moderate	Mid-Flood	S	1	08:47	5.66	8.08	28.77	28.4	3.79	24	113	0.329	W
B3	20191016	Sunny	Moderate	Mid-Flood	B	3.8	09:29	5.92	8.24	28.29	28.11	4.54	32	113	0.157	W
B3	20191016	Sunny	Moderate	Mid-Flood	B	3.8	09:29	6.33	8.22	28.72	28.28	4.72	32	112	0.29	W
B3	20191016	Sunny	Moderate	Mid-Flood	S	1	09:30	6.39	8	28.78	28.22	3.91	19	113	0.193	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B3	20191016	Sunny	Moderate	Mid-Flood	S	1	09:30	5.93	8.09	28.37	28.17	3.84	21	112	0.264	W
B4	20191016	Sunny	Moderate	Mid-Flood	B	3.8	09:38	6.35	8.28	28.73	28.31	4.68	36	113	0.264	SW
B4	20191016	Sunny	Moderate	Mid-Flood	B	3.8	09:38	6	8.23	28.75	28.31	4.61	36	113	0.343	SW
B4	20191016	Sunny	Moderate	Mid-Flood	S	1	09:39	6.12	8.29	28.73	28.3	4.16	24	112	0.173	W
B4	20191016	Sunny	Moderate	Mid-Flood	S	1	09:39	6.12	8.05	28.82	28.13	3.86	24	113	0.334	NW
C1A	20191016	Sunny	Moderate	Mid-Flood	B	10.2	08:00	6.41	8.15	28.24	28.16	4.54	24	111	0.2	W
C1A	20191016	Sunny	Moderate	Mid-Flood	B	10.2	08:00	6.15	8.12	28.33	28.13	4.35	24	112	0.177	W
C1A	20191016	Sunny	Moderate	Mid-Flood	M	5.6	08:01	6.16	8.16	28.31	28.12	3.96	23	112	0.336	W
C1A	20191016	Sunny	Moderate	Mid-Flood	M	5.6	08:01	6.1	8.08	28.79	28.41	4.33	25	112	0.309	SW
C1A	20191016	Sunny	Moderate	Mid-Flood	S	1	08:02	6.32	8.21	28.44	28.39	3.66	22	112	0.35	SW
C1A	20191016	Sunny	Moderate	Mid-Flood	S	1	08:02	5.82	8.01	28.67	28.27	3.59	22	112	0.26	W
C2A	20191016	Sunny	Moderate	Mid-Flood	B	10.5	08:00	5.82	8.21	28.52	28.22	4.67	28	111	0.289	W
C2A	20191016	Sunny	Moderate	Mid-Flood	B	10.5	08:00	5.91	8.11	28.64	28.27	4.35	26	112	0.188	W
C2A	20191016	Sunny	Moderate	Mid-Flood	M	5.75	08:01	5.74	8.22	28.28	28.14	4.33	25	111	0.154	W
C2A	20191016	Sunny	Moderate	Mid-Flood	M	5.75	08:01	6	8.01	28.72	28.27	3.83	25	111	0.266	W
C2A	20191016	Sunny	Moderate	Mid-Flood	S	1	08:02	5.96	8.21	28.63	28.26	3.94	25	112	0.24	W
C2A	20191016	Sunny	Moderate	Mid-Flood	S	1	08:02	5.88	8.11	28.49	28.18	3.82	26	112	0.188	W
CR1	20191016	Sunny	Moderate	Mid-Flood	B	11.6	08:22	6.37	8.24	28.2	28.11	4.79	28	113	0.345	W
CR1	20191016	Sunny	Moderate	Mid-Flood	B	11.6	08:22	6.23	8.05	28.8	28.12	4.45	28	114	0.178	SW
CR1	20191016	Sunny	Moderate	Mid-Flood	M	6.3	08:23	5.73	8.04	28.34	28.1	4.5	22	112	0.299	NW
CR1	20191016	Sunny	Moderate	Mid-Flood	M	6.3	08:23	5.68	8.05	28.75	28.15	4.51	24	113	0.21	SW
CR1	20191016	Sunny	Moderate	Mid-Flood	S	1	08:24	6.23	8.03	28.68	28.39	4.08	23	113	0.293	SW
CR1	20191016	Sunny	Moderate	Mid-Flood	S	1	08:24	5.99	8.2	28.45	28.39	4.22	21	113	0.226	SW
CR2	20191016	Sunny	Moderate	Mid-Flood	B	10.6	08:50	5.9	8.27	28.62	28.1	4.75	24	113	0.243	NW
CR2	20191016	Sunny	Moderate	Mid-Flood	B	10.6	08:50	5.95	8.06	28.69	28.21	4.87	25	113	0.171	W
CR2	20191016	Sunny	Moderate	Mid-Flood	M	5.8	08:51	6.31	8.09	28.64	28.22	4.45	23	113	0.176	W
CR2	20191016	Sunny	Moderate	Mid-Flood	M	5.8	08:51	6.39	8.12	28.62	28.37	4.72	24	113	0.218	NW
CR2	20191016	Sunny	Moderate	Mid-Flood	S	1	08:52	5.91	8.02	28.3	28.11	3.95	25	112	0.343	W
CR2	20191016	Sunny	Moderate	Mid-Flood	S	1	08:52	5.92	8.17	28.8	28.36	4.47	24	112	0.339	NW

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20191016	Sunny	Moderate	Mid-Flood	B	7.1	09:52	5.72	8.23	28.32	28.38	4.11	19	112	0.17	SW
F1A	20191016	Sunny	Moderate	Mid-Flood	B	7.1	09:52	6.35	8.29	28.56	28.25	4.43	18	112	0.231	SW
F1A	20191016	Sunny	Moderate	Mid-Flood	M	4.05	09:53	6.37	8.15	28.6	28.14	3.88	22	112	0.297	W
F1A	20191016	Sunny	Moderate	Mid-Flood	M	4.05	09:53	5.8	8.11	28.44	28.12	4.15	21	112	0.344	W
F1A	20191016	Sunny	Moderate	Mid-Flood	S	1	09:54	6.16	8.03	28.43	28.13	4.04	20	112	0.237	W
F1A	20191016	Sunny	Moderate	Mid-Flood	S	1	09:54	5.68	8.21	28.4	28.28	4.1	22	112	0.297	SW
H1	20191016	Sunny	Moderate	Mid-Flood	B	7.5	09:08	5.76	8.02	28.78	28.15	4.47	22	111	0.311	SW
H1	20191016	Sunny	Moderate	Mid-Flood	B	7.5	09:08	5.93	8.24	28.47	28.33	4.5	21	112	0.148	W
H1	20191016	Sunny	Moderate	Mid-Flood	M	4.25	09:09	5.77	8.09	28.68	28.3	4.05	21	112	0.197	W
H1	20191016	Sunny	Moderate	Mid-Flood	M	4.25	09:09	6.03	8.1	28.3	28.3	4.16	22	112	0.228	NW
H1	20191016	Sunny	Moderate	Mid-Flood	S	1	09:10	6.07	8.24	28.52	28.17	4.05	22	113	0.327	W
H1	20191016	Sunny	Moderate	Mid-Flood	S	1	09:10	6.41	8.13	28.53	28.23	3.58	23	113	0.2	W
M1	20191016	Sunny	Moderate	Mid-Flood	B	7.6	10:29	5.91	8.26	28.37	28.23	4.09	20	113	0.166	NW
M1	20191016	Sunny	Moderate	Mid-Flood	B	7.6	10:29	6.05	8.18	28.69	28.29	4.53	22	113	0.291	W
M1	20191016	Sunny	Moderate	Mid-Flood	M	4.3	10:30	5.74	8.28	28.2	28.27	4.23	21	113	0.226	W
M1	20191016	Sunny	Moderate	Mid-Flood	M	4.3	10:30	6.15	8.15	28.51	28.36	3.84	20	113	0.248	W
M1	20191016	Sunny	Moderate	Mid-Flood	S	1	10:31	6.07	8.14	28.6	28.4	3.63	15	113	0.335	W
M1	20191016	Sunny	Moderate	Mid-Flood	S	1	10:31	6	8.18	28.67	28.39	3.85	14	112	0.217	W
S1	20191016	Sunny	Moderate	Mid-Flood	B	4	08:35	5.89	8.15	28.49	28.22	4.31	20	112	0.294	W
S1	20191016	Sunny	Moderate	Mid-Flood	B	4	08:35	6.12	8.18	28.33	28.39	4.49	22	112	0.27	W
S1	20191016	Sunny	Moderate	Mid-Flood	S	1	08:36	5.92	8.03	28.4	28.37	3.59	19	113	0.22	SW
S1	20191016	Sunny	Moderate	Mid-Flood	S	1	08:36	5.78	8.07	28.64	28.17	3.89	18	112	0.17	W
S2A	20191016	Sunny	Moderate	Mid-Flood	B	8.1	09:09	6.27	8.19	28.61	28.33	4.25	26	112	0.179	NW
S2A	20191016	Sunny	Moderate	Mid-Flood	B	8.1	09:09	6.28	8.17	28.7	28.25	4.1	25	112	0.324	W
S2A	20191016	Sunny	Moderate	Mid-Flood	M	4.55	09:10	5.76	8.04	28.32	28.33	4.19	24	112	0.275	W
S2A	20191016	Sunny	Moderate	Mid-Flood	M	4.55	09:10	6.19	8.13	28.53	28.36	4.17	23	112	0.335	NW
S2A	20191016	Sunny	Moderate	Mid-Flood	S	1	09:11	6.13	8.01	28.23	28.26	3.56	20	112	0.289	W
S2A	20191016	Sunny	Moderate	Mid-Flood	S	1	09:11	6.17	8.28	28.42	28.34	3.57	21	112	0.213	W
S3	20191016	Sunny	Moderate	Mid-Flood	B	8.2	09:39	6.24	8.29	28.35	28.23	5.32	26	112	0.286	NW

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20191016	Sunny	Moderate	Mid-Flood	B	8.2	09:39	6.31	8.03	28.8	28.17	5.08	26	113	0.175	SW
S3	20191016	Sunny	Moderate	Mid-Flood	M	4.6	09:40	5.66	8.09	28.24	28.25	4.44	24	112	0.233	W
S3	20191016	Sunny	Moderate	Mid-Flood	M	4.6	09:40	6.12	8.26	28.56	28.3	4.46	23	112	0.233	W
S3	20191016	Sunny	Moderate	Mid-Flood	S	1	09:41	6.11	8.24	28.38	28.31	4.48	20	112	0.279	W
S3	20191016	Sunny	Moderate	Mid-Flood	S	1	09:41	5.98	8.28	28.26	28.31	4.24	21	113	0.174	W
B1	20191016	Sunny	Moderate	Mid-Ebb	B	3.6	12:24	6.85	8.03	28.75	28.16	4.38	18	113	0.163	SE
B1	20191016	Sunny	Moderate	Mid-Ebb	B	3.6	12:24	6.04	8.04	28.21	28	4.24	19	113	0.164	E
B1	20191016	Sunny	Moderate	Mid-Ebb	S	1	12:25	6.22	8.22	28.22	28.21	3.95	22	114	0.183	E
B1	20191016	Sunny	Moderate	Mid-Ebb	S	1	12:25	6.62	8.09	28.42	28.09	3.61	22	113	0.265	E
B2	20191016	Sunny	Moderate	Mid-Ebb	B	4.6	12:45	6.65	8.23	28.34	28.27	4.17	11	113	0.26	SE
B2	20191016	Sunny	Moderate	Mid-Ebb	B	4.6	12:45	6.21	8.2	28.74	28.22	4.18	11	112	0.239	E
B2	20191016	Sunny	Moderate	Mid-Ebb	S	1	12:46	6.1	8.06	28.46	27.98	3.67	13	113	0.203	E
B2	20191016	Sunny	Moderate	Mid-Ebb	S	1	12:46	5.94	8.21	28.66	28.02	3.84	12	113	0.205	E
B3	20191016	Sunny	Moderate	Mid-Ebb	B	4.5	13:28	6.28	8.23	28.77	28.27	4.29	24	113	0.222	SE
B3	20191016	Sunny	Moderate	Mid-Ebb	B	4.5	13:28	6.14	8.27	28.15	28.21	4.38	23	114	0.22	E
B3	20191016	Sunny	Moderate	Mid-Ebb	S	1	13:29	6.8	8.07	28.31	28.22	3.84	15	113	0.227	SE
B3	20191016	Sunny	Moderate	Mid-Ebb	S	1	13:29	6.62	8.19	28.35	28.18	4	16	113	0.151	E
B4	20191016	Sunny	Moderate	Mid-Ebb	B	3.4	13:38	6.42	8.26	28.58	27.91	4.08	22	113	0.21	SE
B4	20191016	Sunny	Moderate	Mid-Ebb	B	3.4	13:38	6.72	8.07	28.31	27.91	4.5	23	113	0.128	SE
B4	20191016	Sunny	Moderate	Mid-Ebb	S	1	13:39	6.08	8.17	28.46	27.96	3.93	20	113	0.131	E
B4	20191016	Sunny	Moderate	Mid-Ebb	S	1	13:39	6.18	8.13	28.37	28.18	3.66	22	113	0.138	SE
C1A	20191016	Sunny	Moderate	Mid-Ebb	B	8.5	11:55	6.88	8.22	28.63	28.09	4.4	20	112	0.201	E
C1A	20191016	Sunny	Moderate	Mid-Ebb	B	8.5	11:55	6.42	8.12	28.77	27.9	4.11	21	111	0.162	E
C1A	20191016	Sunny	Moderate	Mid-Ebb	M	4.75	11:56	6.47	8.25	28.25	27.9	3.54	17	111	0.277	E
C1A	20191016	Sunny	Moderate	Mid-Ebb	M	4.75	11:56	6.02	8.14	28.29	28.03	3.49	18	110	0.212	E
C1A	20191016	Sunny	Moderate	Mid-Ebb	S	1	11:57	6.17	8.26	28.43	28.12	3.48	14	111	0.167	SE
C1A	20191016	Sunny	Moderate	Mid-Ebb	S	1	11:57	6.59	8.18	28.65	28.18	3.44	15	110	0.169	E
C2A	20191016	Sunny	Moderate	Mid-Ebb	B	10.8	12:16	6.14	8.29	28.17	28.2	4.29	21	111	0.14	SE
C2A	20191016	Sunny	Moderate	Mid-Ebb	B	10.8	12:16	6.68	8.12	28.24	28.05	4.32	19	112	0.251	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20191016	Sunny	Moderate	Mid-Ebb	M	5.9	12:17	5.92	8.06	28.21	28.18	3.82	19	110	0.144	SE
C2A	20191016	Sunny	Moderate	Mid-Ebb	M	5.9	12:17	6.59	8.12	28.17	28.18	3.46	20	111	0.279	E
C2A	20191016	Sunny	Moderate	Mid-Ebb	S	1	12:18	6.69	8.26	28.14	28.1	3.54	19	111	0.183	E
C2A	20191016	Sunny	Moderate	Mid-Ebb	S	1	12:18	6.77	8.17	28.3	27.9	3.95	18	111	0.168	SE
CR1	20191016	Sunny	Moderate	Mid-Ebb	B	11.4	12:36	6.07	8.29	28.15	28.3	4.55	26	113	0.18	SE
CR1	20191016	Sunny	Moderate	Mid-Ebb	B	11.4	12:36	6.69	8.21	28.19	27.91	4.59	24	113	0.225	SE
CR1	20191016	Sunny	Moderate	Mid-Ebb	M	6.2	12:37	6.37	8.24	28.15	28.27	3.75	18	113	0.274	E
CR1	20191016	Sunny	Moderate	Mid-Ebb	M	6.2	12:37	6.71	8.07	28.51	28.16	4.15	20	113	0.268	E
CR1	20191016	Sunny	Moderate	Mid-Ebb	S	1	12:38	6.39	8.09	28.74	28.3	3.82	19	113	0.239	SE
CR1	20191016	Sunny	Moderate	Mid-Ebb	S	1	12:38	6.75	8.14	28.13	28.04	3.86	20	113	0.193	E
CR2	20191016	Sunny	Moderate	Mid-Ebb	B	10.3	12:59	6.16	8.21	28.63	27.97	4.72	21	112	0.258	SE
CR2	20191016	Sunny	Moderate	Mid-Ebb	B	10.3	12:59	6.35	8.26	28.71	28.22	4.78	21	111	0.163	E
CR2	20191016	Sunny	Moderate	Mid-Ebb	M	5.65	13:00	6.45	8.05	28.16	28.23	4.18	20	113	0.275	E
CR2	20191016	Sunny	Moderate	Mid-Ebb	M	5.65	13:00	6.78	8.04	28.14	28.3	3.82	18	111	0.147	SE
CR2	20191016	Sunny	Moderate	Mid-Ebb	S	1	13:01	6.84	8.07	28.73	28.16	4.16	17	111	0.262	E
CR2	20191016	Sunny	Moderate	Mid-Ebb	S	1	13:01	6.72	8.21	28.19	27.96	3.79	18	113	0.247	E
F1A	20191016	Sunny	Moderate	Mid-Ebb	B	7.1	14:10	6.3	8.29	28.18	27.97	4.27	23	113	0.221	SE
F1A	20191016	Sunny	Moderate	Mid-Ebb	B	7.1	14:10	6.11	8.24	28.31	28.18	4.34	21	113	0.268	E
F1A	20191016	Sunny	Moderate	Mid-Ebb	M	4.05	14:11	6.27	8.11	28.15	28.1	3.65	18	113	0.138	E
F1A	20191016	Sunny	Moderate	Mid-Ebb	M	4.05	14:11	6.32	8.25	28.5	27.99	3.94	18	113	0.248	E
F1A	20191016	Sunny	Moderate	Mid-Ebb	S	1	14:12	5.94	8.24	28.18	28.09	3.74	18	112	0.231	SE
F1A	20191016	Sunny	Moderate	Mid-Ebb	S	1	14:12	6.75	8.23	28.56	27.9	3.55	18	113	0.204	SE
H1	20191016	Sunny	Moderate	Mid-Ebb	B	7.8	13:18	6.3	8.1	28.37	28.04	4.17	15	111	0.269	E
H1	20191016	Sunny	Moderate	Mid-Ebb	B	7.8	13:18	6.81	8.15	28.46	28.14	4.27	16	110	0.225	SE
H1	20191016	Sunny	Moderate	Mid-Ebb	M	4.4	13:19	6.29	8.25	28.47	27.92	3.71	16	111	0.275	SE
H1	20191016	Sunny	Moderate	Mid-Ebb	M	4.4	13:19	5.99	8.08	28.4	28.26	3.85	16	111	0.193	SE
H1	20191016	Sunny	Moderate	Mid-Ebb	S	1	13:20	6.53	8.14	28.32	28.02	3.62	16	113	0.237	E
H1	20191016	Sunny	Moderate	Mid-Ebb	S	1	13:20	6.28	8.23	28.37	27.95	3.83	15	113	0.216	SE
M1	20191016	Sunny	Moderate	Mid-Ebb	B	8.2	14:47	6.83	8.18	28.75	27.94	4.49	24	111	0.228	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20191016	Sunny	Moderate	Mid-Ebb	B	8.2	14:47	6.02	8.17	28.76	27.92	4.3	24	112	0.163	E
M1	20191016	Sunny	Moderate	Mid-Ebb	M	4.6	14:48	6.2	8.1	28.74	27.96	3.45	18	111	0.133	E
M1	20191016	Sunny	Moderate	Mid-Ebb	M	4.6	14:48	6.05	8.23	28.33	28.09	3.57	19	111	0.202	SE
M1	20191016	Sunny	Moderate	Mid-Ebb	S	1	14:49	6.04	8.24	28.72	27.91	3.45	17	112	0.154	E
M1	20191016	Sunny	Moderate	Mid-Ebb	S	1	14:49	6.28	8.25	28.7	28.04	3.95	16	111	0.224	E
S1	20191016	Sunny	Moderate	Mid-Ebb	B	4.2	12:34	6.24	8.24	28.67	27.91	3.97	15	113	0.152	E
S1	20191016	Sunny	Moderate	Mid-Ebb	B	4.2	12:34	6.04	8.24	28.64	27.99	4.4	16	113	0.147	E
S1	20191016	Sunny	Moderate	Mid-Ebb	S	1	12:35	6.42	8.24	28.16	28.2	3.68	15	113	0.131	E
S1	20191016	Sunny	Moderate	Mid-Ebb	S	1	12:35	6.33	8.15	28.28	28.08	3.73	15	113	0.201	E
S2A	20191016	Sunny	Moderate	Mid-Ebb	B	7.7	13:08	6.7	8.03	28.18	28.04	4.23	15	113	0.162	E
S2A	20191016	Sunny	Moderate	Mid-Ebb	B	7.7	13:08	6.29	8.04	28.68	28.2	4.26	15	112	0.133	E
S2A	20191016	Sunny	Moderate	Mid-Ebb	M	4.35	13:09	6.59	8.2	28.23	28.24	3.85	18	112	0.236	E
S2A	20191016	Sunny	Moderate	Mid-Ebb	M	4.35	13:09	6.41	8.09	28.11	28.06	3.53	17	113	0.256	E
S2A	20191016	Sunny	Moderate	Mid-Ebb	S	1	13:10	6.57	8.13	28.51	27.95	3.61	17	114	0.254	E
S2A	20191016	Sunny	Moderate	Mid-Ebb	S	1	13:10	6.17	8.29	28.5	28.05	3.81	18	113	0.239	SE
S3	20191016	Sunny	Moderate	Mid-Ebb	B	9	12:47	5.93	8.15	28.59	28.2	4.77	19	113	0.146	E
S3	20191016	Sunny	Moderate	Mid-Ebb	B	9	12:47	5.95	8.03	28.71	28.2	4.93	17	113	0.266	E
S3	20191016	Sunny	Moderate	Mid-Ebb	M	5	12:48	6.71	8.14	28.62	28.22	4.15	16	113	0.151	E
S3	20191016	Sunny	Moderate	Mid-Ebb	M	5	12:48	6.42	8.04	28.6	28.04	4.4	16	113	0.201	E
S3	20191016	Sunny	Moderate	Mid-Ebb	S	1	12:49	6.62	8.18	28.63	27.95	4.66	15	112	0.202	E
S3	20191016	Sunny	Moderate	Mid-Ebb	S	1	12:49	6.39	8.03	28.64	28.07	4.37	14	113	0.215	SE
B1	20191018	Sunny	Moderate	Mid-Flood	B	3.5	09:28	6.98	7.92	29.09	28.22	5.05	16	110	0.217	W
B1	20191018	Sunny	Moderate	Mid-Flood	B	3.5	09:28	6.98	8.06	28.87	28.32	5.18	15	110	0.198	NW
B1	20191018	Sunny	Moderate	Mid-Flood	S	1	09:29	6.21	7.91	29	28.47	4.76	12	111	0.113	W
B1	20191018	Sunny	Moderate	Mid-Flood	S	1	09:29	7.06	8.1	28.77	28.4	4.89	13	110	0.221	W
B2	20191018	Sunny	Moderate	Mid-Flood	B	3.4	09:49	6.3	7.88	28.72	28.29	5.02	16	110	0.118	W
B2	20191018	Sunny	Moderate	Mid-Flood	B	3.4	09:49	6.84	7.95	28.79	28.42	4.93	17	110	0.188	W
B2	20191018	Sunny	Moderate	Mid-Flood	S	1	09:50	6.86	8.02	29.11	28.24	4.85	12	110	0.216	NW
B2	20191018	Sunny	Moderate	Mid-Flood	S	1	09:50	6.66	7.87	28.91	28.2	4.8	12	110	0.172	NW

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B3	20191018	Sunny	Moderate	Mid-Flood	B	3.4	10:30	6.84	8.18	28.9	28.46	5.05	16	110	0.13	W
B3	20191018	Sunny	Moderate	Mid-Flood	B	3.4	10:30	7.32	7.98	28.78	28.44	5.48	17	111	0.108	W
B3	20191018	Sunny	Moderate	Mid-Flood	S	1	10:31	7	7.94	28.97	28.49	4.43	14	111	0.159	W
B3	20191018	Sunny	Moderate	Mid-Flood	S	1	10:31	7.11	8.18	28.88	28.41	4.68	15	110	0.205	W
B4	20191018	Sunny	Moderate	Mid-Flood	B	3.6	10:40	6.2	8.17	29.13	28.44	5.44	18	109	0.127	W
B4	20191018	Sunny	Moderate	Mid-Flood	B	3.6	10:40	7.04	8.08	29.06	28.54	5.23	19	110	0.173	W
B4	20191018	Sunny	Moderate	Mid-Flood	S	1	10:41	6.32	8.16	29.05	28.45	4.72	15	110	0.178	W
B4	20191018	Sunny	Moderate	Mid-Flood	S	1	10:41	7.01	8.13	28.77	28.62	4.45	16	110	0.182	W
C1A	20191018	Sunny	Moderate	Mid-Flood	B	10.5	08:47	6.31	7.85	28.99	28.34	4.92	16	112	0.181	W
C1A	20191018	Sunny	Moderate	Mid-Flood	B	10.5	08:47	6.78	7.93	29.07	28.34	4.88	18	112	0.191	W
C1A	20191018	Sunny	Moderate	Mid-Flood	M	5.75	08:48	7.27	8.14	28.78	28.3	4.79	14	110	0.166	W
C1A	20191018	Sunny	Moderate	Mid-Flood	M	5.75	08:48	6.71	7.89	28.94	28.37	4.56	13	110	0.213	NW
C1A	20191018	Sunny	Moderate	Mid-Flood	S	1	08:49	7.46	8.12	28.78	28.32	4.9	10	110	0.159	W
C1A	20191018	Sunny	Moderate	Mid-Flood	S	1	08:49	7.01	8.06	28.82	28.32	4.69	11	110	0.204	W
C2A	20191018	Sunny	Moderate	Mid-Flood	B	10.5	08:00	6.22	8.07	28.88	28.11	5.53	14	112	0.164	W
C2A	20191018	Sunny	Moderate	Mid-Flood	B	10.5	08:00	6.21	8.03	28.76	28.1	5.57	13	112	0.155	NW
C2A	20191018	Sunny	Moderate	Mid-Flood	M	5.75	08:01	7.02	8.19	29	28.22	4.85	14	112	0.109	W
C2A	20191018	Sunny	Moderate	Mid-Flood	M	5.75	08:01	7.27	7.96	29.03	28.12	5.11	14	112	0.198	W
C2A	20191018	Sunny	Moderate	Mid-Flood	S	1	08:02	7.25	7.93	29.22	28.27	5.14	14	112	0.153	W
C2A	20191018	Sunny	Moderate	Mid-Flood	S	1	08:02	6.36	7.91	29	28.14	4.92	12	113	0.208	W
CR1	20191018	Sunny	Moderate	Mid-Flood	B	11.8	08:19	7.32	7.86	28.88	28.36	5.64	11	113	0.18	W
CR1	20191018	Sunny	Moderate	Mid-Flood	B	11.8	08:19	7.49	7.85	29.16	28.18	6.01	10	112	0.143	W
CR1	20191018	Sunny	Moderate	Mid-Flood	M	6.4	08:20	6.75	7.85	29.16	28.29	5.28	11	113	0.176	NW
CR1	20191018	Sunny	Moderate	Mid-Flood	M	6.4	08:20	7.08	8.06	28.79	28.26	5.56	11	112	0.199	W
CR1	20191018	Sunny	Moderate	Mid-Flood	S	1	08:21	7.09	8.02	28.99	28.4	4.97	12	113	0.173	W
CR1	20191018	Sunny	Moderate	Mid-Flood	S	1	08:21	6.2	8.01	29.01	28.38	5.01	10	112	0.184	W
CR2	20191018	Sunny	Moderate	Mid-Flood	B	10	08:44	7.34	8.13	29.12	28.41	6.57	15	112	0.124	NW
CR2	20191018	Sunny	Moderate	Mid-Flood	B	10	08:44	6.89	7.92	28.91	28.44	6.38	16	112	0.174	W
CR2	20191018	Sunny	Moderate	Mid-Flood	M	5.5	08:45	7.23	8.16	29.1	28.28	5.81	16	113	0.213	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20191018	Sunny	Moderate	Mid-Flood	M	5.5	08:45	6.79	7.92	29.22	28.26	5.8	15	112	0.199	W
CR2	20191018	Sunny	Moderate	Mid-Flood	S	1	08:46	7.09	8.14	28.75	28.39	5.91	12	112	0.206	W
CR2	20191018	Sunny	Moderate	Mid-Flood	S	1	08:46	6.25	8.16	29.13	28.19	5.74	12	113	0.209	W
F1A	20191018	Sunny	Moderate	Mid-Flood	B	7.1	09:51	7.25	7.86	28.75	28.27	5.27	13	113	0.114	W
F1A	20191018	Sunny	Moderate	Mid-Flood	B	7.1	09:51	7.04	8.19	28.78	28.32	4.89	13	112	0.195	NW
F1A	20191018	Sunny	Moderate	Mid-Flood	M	4.05	09:52	6.49	7.92	29.19	28.29	5.04	14	113	0.198	W
F1A	20191018	Sunny	Moderate	Mid-Flood	M	4.05	09:52	7.37	7.88	28.81	28.28	5.1	13	112	0.205	NW
F1A	20191018	Sunny	Moderate	Mid-Flood	S	1	09:53	6.16	8.01	28.94	28.43	4.43	12	113	0.211	W
F1A	20191018	Sunny	Moderate	Mid-Flood	S	1	09:53	7.48	8.04	29.22	28.36	4.72	13	113	0.127	W
H1	20191018	Sunny	Moderate	Mid-Flood	B	6.6	08:59	7.11	8.13	28.94	28.16	4.89	19	111	0.127	NW
H1	20191018	Sunny	Moderate	Mid-Flood	B	6.6	08:59	6.65	7.89	29.05	28.4	5.05	20	109	0.193	W
H1	20191018	Sunny	Moderate	Mid-Flood	M	3.8	09:00	7.39	8.08	29.03	28.35	4.74	20	109	0.193	NW
H1	20191018	Sunny	Moderate	Mid-Flood	M	3.8	09:00	7.01	8.01	29.1	28.3	4.94	19	110	0.117	W
H1	20191018	Sunny	Moderate	Mid-Flood	S	1	09:01	6.19	7.88	29.14	28.27	4.5	18	110	0.208	W
H1	20191018	Sunny	Moderate	Mid-Flood	S	1	09:01	6.67	8	29.15	28.3	4.67	19	110	0.217	W
M1	20191018	Sunny	Moderate	Mid-Flood	B	6.7	10:23	6.81	8.16	29.17	28.41	5.01	17	112	0.173	W
M1	20191018	Sunny	Moderate	Mid-Flood	B	6.7	10:23	6.33	8	29.21	28.41	5.3	17	112	0.131	W
M1	20191018	Sunny	Moderate	Mid-Flood	M	3.85	10:24	7.19	7.95	28.87	28.4	4.7	16	113	0.132	NW
M1	20191018	Sunny	Moderate	Mid-Flood	M	3.85	10:24	6.81	7.88	28.89	28.28	5.1	16	113	0.162	W
M1	20191018	Sunny	Moderate	Mid-Flood	S	1	10:25	6.34	8.07	28.84	28.32	4.88	16	113	0.183	NW
M1	20191018	Sunny	Moderate	Mid-Flood	S	1	10:25	7.23	8.01	28.78	28.46	4.79	16	112	0.143	W
S1	20191018	Sunny	Moderate	Mid-Flood	B	4.1	09:39	6.88	8.03	28.75	28.37	5.16	12	112	0.143	W
S1	20191018	Sunny	Moderate	Mid-Flood	B	4.1	09:39	7.18	8.07	29.11	28.48	4.91	13	111	0.134	W
S1	20191018	Sunny	Moderate	Mid-Flood	S	1	09:40	7.48	7.98	28.78	28.42	4.5	14	113	0.142	W
S1	20191018	Sunny	Moderate	Mid-Flood	S	1	09:40	7.42	7.9	29.18	28.38	4.47	15	112	0.114	NW
S2A	20191018	Sunny	Moderate	Mid-Flood	B	8.5	10:09	6.54	7.95	29.05	28.21	5.14	12	113	0.136	NW
S2A	20191018	Sunny	Moderate	Mid-Flood	B	8.5	10:09	7.36	7.87	29.15	28.19	5.15	12	113	0.199	W
S2A	20191018	Sunny	Moderate	Mid-Flood	M	4.75	10:10	6.16	7.94	28.96	28.38	4.82	12	112	0.136	W
S2A	20191018	Sunny	Moderate	Mid-Flood	M	4.75	10:10	6.3	8.06	28.75	28.38	4.84	13	112	0.191	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20191018	Sunny	Moderate	Mid-Flood	S	1	10:11	7.01	8.03	29.01	28.22	4.53	12	111	0.116	NW
S2A	20191018	Sunny	Moderate	Mid-Flood	S	1	10:11	6.15	8.02	28.92	28.38	4.54	13	112	0.208	W
S3	20191018	Sunny	Moderate	Mid-Flood	B	9.8	08:32	6.2	7.86	28.89	28.27	6.26	11	113	0.115	W
S3	20191018	Sunny	Moderate	Mid-Flood	B	9.8	08:32	6.63	8.01	29.2	28.32	6.24	12	112	0.135	W
S3	20191018	Sunny	Moderate	Mid-Flood	M	5.4	08:33	7.05	7.91	28.74	28.25	6.19	10	113	0.13	W
S3	20191018	Sunny	Moderate	Mid-Flood	M	5.4	08:33	6.39	8	29	28.21	6.11	12	113	0.119	W
S3	20191018	Sunny	Moderate	Mid-Flood	S	1	08:34	6.73	7.89	29.2	28.32	6.01	9	112	0.131	W
S3	20191018	Sunny	Moderate	Mid-Flood	S	1	08:34	7.34	8.16	29.07	28.29	6.14	9	112	0.162	W
B1	20191018	Sunny	Moderate	Mid-Ebb	B	3.9	13:29	7.07	8.15	28.82	29.32	4.54	7	112	0.116	SE
B1	20191018	Sunny	Moderate	Mid-Ebb	B	3.9	13:29	6.87	7.86	28.59	29.3	4.75	6	113	0.177	SE
B1	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:30	6.57	8.05	28.81	29.14	4.23	6	113	0.192	E
B1	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:30	6.98	7.96	28.82	29.19	4.19	6	112	0.114	E
B2	20191018	Sunny	Moderate	Mid-Ebb	B	4.1	13:50	6.64	8.1	28.71	29.16	4.79	14	113	0.15	SE
B2	20191018	Sunny	Moderate	Mid-Ebb	B	4.1	13:50	6.29	7.96	28.9	29.33	4.95	14	110	0.121	E
B2	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:51	6.95	8.12	28.61	29.3	4.39	9	112	0.188	SE
B2	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:51	7.07	7.87	28.65	29.13	4.3	11	112	0.197	SE
B3	20191018	Sunny	Moderate	Mid-Ebb	B	3.4	14:31	6.71	8.05	28.45	29.3	4.65	13	110	0.183	SE
B3	20191018	Sunny	Moderate	Mid-Ebb	B	3.4	14:31	6.71	8.02	28.56	29.17	4.58	12	110	0.156	SE
B3	20191018	Sunny	Moderate	Mid-Ebb	S	1	14:32	6.35	8.11	28.74	29.14	4.29	12	110	0.178	E
B3	20191018	Sunny	Moderate	Mid-Ebb	S	1	14:32	6.52	7.99	28.3	29.02	4.34	13	110	0.132	E
B4	20191018	Sunny	Moderate	Mid-Ebb	B	3.2	14:41	6.62	7.92	28.69	29.06	4.74	11	110	0.165	E
B4	20191018	Sunny	Moderate	Mid-Ebb	B	3.2	14:41	6.64	7.94	28.78	29.05	4.71	10	110	0.189	SE
B4	20191018	Sunny	Moderate	Mid-Ebb	S	1	14:42	6.97	7.86	28.76	29.17	4.13	12	110	0.117	SE
B4	20191018	Sunny	Moderate	Mid-Ebb	S	1	14:42	6.96	8.17	28.73	29.3	4.13	13	111	0.117	SE
C1A	20191018	Sunny	Moderate	Mid-Ebb	B	9.8	13:03	6.58	8	28.78	29.3	4.86	6	110	0.156	SE
C1A	20191018	Sunny	Moderate	Mid-Ebb	B	9.8	13:03	6.89	8.24	28.76	29.03	4.94	8	111	0.131	SE
C1A	20191018	Sunny	Moderate	Mid-Ebb	M	5.4	13:04	6.34	8.17	28.3	29.08	4.4	5	110	0.179	SE
C1A	20191018	Sunny	Moderate	Mid-Ebb	M	5.4	13:04	6.34	8.08	28.35	29.25	4.34	7	110	0.194	SE
C1A	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:05	6.56	8	28.66	29.04	4.44	4	110	0.172	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:05	6.5	8.07	28.69	29.17	4.23	4	110	0.176	SE
C2A	20191018	Sunny	Moderate	Mid-Ebb	B	10.8	13:13	6.74	8.2	28.81	29.14	5.02	5	113	0.176	E
C2A	20191018	Sunny	Moderate	Mid-Ebb	B	10.8	13:13	7	8.23	28.56	29.22	4.94	6	112	0.124	SE
C2A	20191018	Sunny	Moderate	Mid-Ebb	M	5.9	13:14	6.8	8	28.73	29.11	4.65	7	112	0.168	E
C2A	20191018	Sunny	Moderate	Mid-Ebb	M	5.9	13:14	6.29	8.08	28.73	29.15	4.49	6	112	0.116	E
C2A	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:15	6.27	7.98	28.32	29.2	4.36	5	112	0.106	SE
C2A	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:15	6.49	8.02	28.38	29.28	4.68	5	112	0.13	SE
CR1	20191018	Sunny	Moderate	Mid-Ebb	B	12.2	13:30	6.48	8.06	28.49	29.08	5.36	7	112	0.097	SE
CR1	20191018	Sunny	Moderate	Mid-Ebb	B	12.2	13:30	6.68	8.07	28.36	29.17	5.12	6	113	0.121	E
CR1	20191018	Sunny	Moderate	Mid-Ebb	M	6.6	13:31	6.41	8.19	28.72	29.07	4.61	6	112	0.148	E
CR1	20191018	Sunny	Moderate	Mid-Ebb	M	6.6	13:31	6.27	7.91	28.56	29.16	4.46	5	112	0.126	E
CR1	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:32	6.86	7.95	28.67	29.27	4.79	6	112	0.201	E
CR1	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:32	6.6	8.07	28.4	29.24	4.84	5	113	0.121	SE
CR2	20191018	Sunny	Moderate	Mid-Ebb	B	10.2	13:55	7	8.03	28.64	29.14	5.12	10	110	0.16	SE
CR2	20191018	Sunny	Moderate	Mid-Ebb	B	10.2	13:55	6.33	8.24	28.4	29.24	5.58	10	110	0.114	SE
CR2	20191018	Sunny	Moderate	Mid-Ebb	M	5.6	13:56	6.92	7.91	28.67	29.11	5.18	10	112	0.154	E
CR2	20191018	Sunny	Moderate	Mid-Ebb	M	5.6	13:56	6.58	8.04	28.4	29.08	4.86	9	110	0.167	E
CR2	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:57	6.96	8.11	28.9	29.19	5.06	7	113	0.175	SE
CR2	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:57	6.35	7.92	28.52	29.04	4.7	6	113	0.097	E
F1A	20191018	Sunny	Moderate	Mid-Ebb	B	7.7	15:00	6.23	8.15	28.62	29.02	4.64	15	113	0.104	SE
F1A	20191018	Sunny	Moderate	Mid-Ebb	B	7.7	15:00	7.03	7.87	28.7	29.25	4.82	15	112	0.181	SE
F1A	20191018	Sunny	Moderate	Mid-Ebb	M	4.35	15:01	6.5	7.98	28.6	29.25	4.49	10	112	0.132	SE
F1A	20191018	Sunny	Moderate	Mid-Ebb	M	4.35	15:01	7.05	7.9	28.74	29.18	4.22	12	112	0.172	SE
F1A	20191018	Sunny	Moderate	Mid-Ebb	S	1	15:02	6.77	8.13	28.82	29.07	4.16	4	113	0.152	SE
F1A	20191018	Sunny	Moderate	Mid-Ebb	S	1	15:02	6.72	8.24	28.44	29.16	4.28	5	112	0.106	E
H1	20191018	Sunny	Moderate	Mid-Ebb	B	7.6	14:10	6.6	7.92	28.3	29.23	4.49	6	110	0.174	SE
H1	20191018	Sunny	Moderate	Mid-Ebb	B	7.6	14:10	6.97	7.96	28.52	29.08	4.78	5	110	0.118	SE
H1	20191018	Sunny	Moderate	Mid-Ebb	M	4.3	14:11	6.89	8.04	28.85	29.08	4.46	5	110	0.156	SE
H1	20191018	Sunny	Moderate	Mid-Ebb	M	4.3	14:11	6.53	8.22	28.31	29.19	4	4	110	0.118	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20191018	Sunny	Moderate	Mid-Ebb	S	1	14:12	7.03	8.23	28.43	29.08	4.39	6	111	0.189	SE
H1	20191018	Sunny	Moderate	Mid-Ebb	S	1	14:12	6.75	8.23	28.42	29.29	4.1	5	109	0.174	SE
M1	20191018	Sunny	Moderate	Mid-Ebb	B	8.1	15:37	6.32	8.02	28.32	29.22	4.86	10	110	0.099	E
M1	20191018	Sunny	Moderate	Mid-Ebb	B	8.1	15:37	6.98	8.19	28.72	29.1	4.91	9	110	0.12	E
M1	20191018	Sunny	Moderate	Mid-Ebb	M	4.55	15:38	6.56	8.21	28.57	29.02	4.01	11	110	0.171	SE
M1	20191018	Sunny	Moderate	Mid-Ebb	M	4.55	15:38	7.05	8.03	28.71	29	4.2	12	110	0.172	SE
M1	20191018	Sunny	Moderate	Mid-Ebb	S	1	15:39	7.03	8.03	28.89	29.21	4.18	11	110	0.178	E
M1	20191018	Sunny	Moderate	Mid-Ebb	S	1	15:39	6.67	8.1	28.4	29.18	4.4	11	109	0.101	SE
S1	20191018	Sunny	Moderate	Mid-Ebb	B	3.8	13:40	6.79	7.92	28.69	29.29	4.88	14	112	0.112	SE
S1	20191018	Sunny	Moderate	Mid-Ebb	B	3.8	13:40	6.39	8.22	28.64	29.02	4.84	13	112	0.174	E
S1	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:41	7.01	8.02	28.51	29.04	4.06	12	112	0.098	SE
S1	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:41	6.9	8.18	28.72	29.26	4.37	11	112	0.105	SE
S2A	20191018	Sunny	Moderate	Mid-Ebb	B	8	14:10	6.43	7.96	28.64	29.23	4.8	14	112	0.114	SE
S2A	20191018	Sunny	Moderate	Mid-Ebb	B	8	14:10	7.03	7.99	28.82	29.07	4.91	15	113	0.131	SE
S2A	20191018	Sunny	Moderate	Mid-Ebb	M	4.5	14:11	6.98	8.15	28.72	29.14	4.42	14	112	0.192	SE
S2A	20191018	Sunny	Moderate	Mid-Ebb	M	4.5	14:11	6.64	8.15	28.55	29.12	4.29	14	112	0.181	SE
S2A	20191018	Sunny	Moderate	Mid-Ebb	S	1	14:12	6.44	8.12	28.89	29.12	4.13	13	112	0.145	SE
S2A	20191018	Sunny	Moderate	Mid-Ebb	S	1	14:12	6.93	8.14	28.89	29.13	3.93	12	112	0.161	SE
S3	20191018	Sunny	Moderate	Mid-Ebb	B	8.9	13:43	6.73	8.06	28.9	29.02	5.51	7	112	0.2	SE
S3	20191018	Sunny	Moderate	Mid-Ebb	B	8.9	13:43	6.38	8.15	28.51	29.17	5.65	7	112	0.105	SE
S3	20191018	Sunny	Moderate	Mid-Ebb	M	4.95	13:44	7	8.08	28.36	29.13	4.88	8	113	0.177	SE
S3	20191018	Sunny	Moderate	Mid-Ebb	M	4.95	13:44	6.6	8	28.53	29.16	4.95	9	112	0.165	E
S3	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:45	6.33	7.98	28.53	29.19	5.05	9	112	0.184	SE
S3	20191018	Sunny	Moderate	Mid-Ebb	S	1	13:45	6.97	8.02	28.67	29.09	5.5	9	112	0.125	E
B1	20191022	Sunny	Moderate	Mid-Ebb	B	3.7	08:56	6.07	8.02	29.53	27.81	4.75	12	113	0.207	SE
B1	20191022	Sunny	Moderate	Mid-Ebb	B	3.7	08:56	6.08	8.09	29.35	27.9	5.09	14	114	0.181	SE
B1	20191022	Sunny	Moderate	Mid-Ebb	S	1	08:57	6.46	8.08	29.46	27.83	4.22	13	114	0.277	E
B1	20191022	Sunny	Moderate	Mid-Ebb	S	1	08:57	6.81	7.87	29.45	28.07	4.18	12	113	0.157	E
B2	20191022	Sunny	Moderate	Mid-Ebb	B	4.2	09:16	6.15	7.83	29.5	27.95	4.88	10	112	0.275	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20191022	Sunny	Moderate	Mid-Ebb	B	4.2	09:16	6.87	7.84	29.45	27.99	4.92	9	113	0.258	SE
B2	20191022	Sunny	Moderate	Mid-Ebb	S	1	09:17	6.43	8.12	29.62	27.82	4.49	11	114	0.134	SE
B2	20191022	Sunny	Moderate	Mid-Ebb	S	1	09:17	6.86	8.01	29.31	27.82	4.25	11	113	0.226	E
B3	20191022	Sunny	Moderate	Mid-Ebb	B	4.2	10:01	5.87	7.83	29.3	28.14	4.7	11	113	0.229	E
B3	20191022	Sunny	Moderate	Mid-Ebb	B	4.2	10:01	6.17	7.84	29.32	28.2	4.76	11	113	0.258	SE
B3	20191022	Sunny	Moderate	Mid-Ebb	S	1	10:02	6.57	8.09	29.34	28	4.51	10	112	0.147	E
B3	20191022	Sunny	Moderate	Mid-Ebb	S	1	10:02	6.25	8.09	29.6	28.11	4.4	10	113	0.119	E
B4	20191022	Sunny	Moderate	Mid-Ebb	B	4.1	10:12	6	7.86	29.69	28.27	4.91	9	113	0.165	SE
B4	20191022	Sunny	Moderate	Mid-Ebb	B	4.1	10:12	6.47	8.06	29.34	28.26	4.82	10	113	0.229	SE
B4	20191022	Sunny	Moderate	Mid-Ebb	S	1	10:13	6.51	7.9	29.46	28.15	4.64	10	113	0.22	E
B4	20191022	Sunny	Moderate	Mid-Ebb	S	1	10:13	6.17	8.1	29.3	28.2	4.26	9	112	0.161	SE
C1A	20191022	Sunny	Moderate	Mid-Ebb	B	10.1	08:30	6.69	8.14	29.41	27.85	4.78	15	111	0.248	SE
C1A	20191022	Sunny	Moderate	Mid-Ebb	B	10.1	08:30	6.8	8	29.53	28.04	5.12	15	113	0.254	E
C1A	20191022	Sunny	Moderate	Mid-Ebb	M	5.55	08:31	6.14	7.95	29.56	28.03	4.44	15	112	0.145	SE
C1A	20191022	Sunny	Moderate	Mid-Ebb	M	5.55	08:31	6.27	7.98	29.45	27.86	4.26	14	113	0.236	SE
C1A	20191022	Sunny	Moderate	Mid-Ebb	S	1	08:32	6.74	7.89	29.32	27.99	4.31	12	113	0.161	E
C1A	20191022	Sunny	Moderate	Mid-Ebb	S	1	08:32	5.83	8	29.37	28.01	4.26	11	113	0.262	SE
C2A	20191022	Sunny	Moderate	Mid-Ebb	B	10.6	08:31	5.86	7.84	29.4	27.91	4.98	16	113	0.191	E
C2A	20191022	Sunny	Moderate	Mid-Ebb	B	10.6	08:31	5.89	7.88	29.56	27.95	4.61	16	113	0.276	SE
C2A	20191022	Sunny	Moderate	Mid-Ebb	M	5.8	08:32	6.33	7.87	29.45	28.01	4.12	15	112	0.168	E
C2A	20191022	Sunny	Moderate	Mid-Ebb	M	5.8	08:32	6.7	8	29.57	28.08	4.14	16	113	0.237	SE
C2A	20191022	Sunny	Moderate	Mid-Ebb	S	1	08:33	6.68	7.93	29.39	27.81	4.18	11	113	0.141	E
C2A	20191022	Sunny	Moderate	Mid-Ebb	S	1	08:33	6.62	7.95	29.66	28.04	4.33	12	113	0.202	SE
CR1	20191022	Sunny	Moderate	Mid-Ebb	B	11.5	08:44	6.05	8.01	29.4	28.07	4.82	3	113	0.282	E
CR1	20191022	Sunny	Moderate	Mid-Ebb	B	11.5	08:44	5.94	8.03	29.64	27.88	4.6	3	113	0.221	SE
CR1	20191022	Sunny	Moderate	Mid-Ebb	M	6.25	08:45	6.6	8.14	29.31	27.9	4.27	4	113	0.122	E
CR1	20191022	Sunny	Moderate	Mid-Ebb	M	6.25	08:45	6.82	8.05	29.31	27.97	4.34	4	113	0.145	SE
CR1	20191022	Sunny	Moderate	Mid-Ebb	S	1	08:46	5.88	7.82	29.45	27.9	4.15	4	113	0.281	SE
CR1	20191022	Sunny	Moderate	Mid-Ebb	S	1	08:46	6.57	7.92	29.56	27.83	4.38	4	113	0.12	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20191022	Sunny	Moderate	Mid-Ebb	B	10.1	08:57	6.58	8.14	29.51	27.84	6.16	3	110	0.155	SE
CR2	20191022	Sunny	Moderate	Mid-Ebb	B	10.1	08:57	5.84	7.85	29.66	27.93	5.71	4	111	0.239	SE
CR2	20191022	Sunny	Moderate	Mid-Ebb	M	5.55	08:58	6.03	8.12	29.35	27.92	5.2	4	114	0.18	E
CR2	20191022	Sunny	Moderate	Mid-Ebb	M	5.55	08:58	5.92	8.01	29.59	28.06	5.67	3	111	0.136	E
CR2	20191022	Sunny	Moderate	Mid-Ebb	S	1	08:59	5.83	7.86	29.42	27.98	5.17	4	113	0.187	SE
CR2	20191022	Sunny	Moderate	Mid-Ebb	S	1	08:59	6.69	8.12	29.64	27.96	5.54	4	113	0.245	SE
F1A	20191022	Sunny	Moderate	Mid-Ebb	B	8.1	09:51	6.74	8.03	29.64	27.91	4.81	16	113	0.203	SE
F1A	20191022	Sunny	Moderate	Mid-Ebb	B	8.1	09:51	6.28	7.95	29.6	27.93	4.95	16	113	0.198	SE
F1A	20191022	Sunny	Moderate	Mid-Ebb	M	4.55	09:52	6.65	7.99	29.61	27.95	4.49	15	113	0.279	SE
F1A	20191022	Sunny	Moderate	Mid-Ebb	M	4.55	09:52	6.08	8	29.48	28.05	4.09	15	113	0.142	E
F1A	20191022	Sunny	Moderate	Mid-Ebb	S	1	09:53	6.55	8.09	29.45	28.01	4.2	15	113	0.198	SE
F1A	20191022	Sunny	Moderate	Mid-Ebb	S	1	09:53	6.45	8.1	29.6	27.9	4.31	14	113	0.269	E
H1	20191022	Sunny	Moderate	Mid-Ebb	B	7.2	09:07	6.37	7.9	29.42	27.89	5.13	14	113	0.276	SE
H1	20191022	Sunny	Moderate	Mid-Ebb	B	7.2	09:07	6.61	8.06	29.36	27.84	4.95	14	113	0.182	SE
H1	20191022	Sunny	Moderate	Mid-Ebb	M	4.1	09:08	6.48	7.97	29.36	28.08	4.6	12	113	0.122	SE
H1	20191022	Sunny	Moderate	Mid-Ebb	M	4.1	09:08	6.45	7.86	29.47	28.07	4.07	11	113	0.192	E
H1	20191022	Sunny	Moderate	Mid-Ebb	S	1	09:09	6.36	7.97	29.3	27.98	4.03	10	113	0.175	SE
H1	20191022	Sunny	Moderate	Mid-Ebb	S	1	09:09	6.08	7.89	29.32	28	4.06	11	113	0.259	SE
M1	20191022	Sunny	Moderate	Mid-Ebb	B	8.9	10:19	5.97	7.89	29.63	28	4.75	4	111	0.223	SE
M1	20191022	Sunny	Moderate	Mid-Ebb	B	8.9	10:19	6.4	7.93	29.43	28	4.65	4	111	0.224	E
M1	20191022	Sunny	Moderate	Mid-Ebb	M	4.95	10:20	6.56	7.86	29.56	27.84	4.44	3	110	0.155	SE
M1	20191022	Sunny	Moderate	Mid-Ebb	M	4.95	10:20	6.77	7.9	29.51	28.06	4.52	3	111	0.208	SE
M1	20191022	Sunny	Moderate	Mid-Ebb	S	1	10:21	6.15	8.05	29.38	27.94	4.33	3	110	0.272	SE
M1	20191022	Sunny	Moderate	Mid-Ebb	S	1	10:21	6.62	7.99	29.64	28.03	4.07	3	111	0.266	SE
S1	20191022	Sunny	Moderate	Mid-Ebb	B	4.1	09:06	6.82	7.9	29.53	28.04	4.58	5	113	0.116	E
S1	20191022	Sunny	Moderate	Mid-Ebb	B	4.1	09:06	6.86	8	29.44	27.82	4.63	5	113	0.234	E
S1	20191022	Sunny	Moderate	Mid-Ebb	S	1	09:07	6.85	7.92	29.64	28.07	4.36	5	113	0.261	E
S1	20191022	Sunny	Moderate	Mid-Ebb	S	1	09:07	6.3	7.83	29.35	27.88	4.61	6	113	0.175	SE
S2A	20191022	Sunny	Moderate	Mid-Ebb	B	8.5	09:35	6.71	7.83	29.59	28.07	4.94	4	112	0.176	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20191022	Sunny	Moderate	Mid-Ebb	B	8.5	09:35	6	8.09	29.47	27.81	4.79	4	114	0.183	E
S2A	20191022	Sunny	Moderate	Mid-Ebb	M	4.75	09:36	6.84	7.87	29.3	27.98	4.63	3	113	0.175	SE
S2A	20191022	Sunny	Moderate	Mid-Ebb	M	4.75	09:36	5.99	7.99	29.48	27.9	4.12	3	113	0.164	SE
S2A	20191022	Sunny	Moderate	Mid-Ebb	S	1	09:37	6.43	7.94	29.45	27.85	4.48	4	114	0.237	SE
S2A	20191022	Sunny	Moderate	Mid-Ebb	S	1	09:37	6	8.11	29.62	28.07	4.5	4	113	0.204	SE
S3	20191022	Sunny	Moderate	Mid-Ebb	B	9.9	08:50	6.07	8.21	29.72	27.99	6.97	4	113	0.203	E
S3	20191022	Sunny	Moderate	Mid-Ebb	B	9.9	08:50	6.37	8.18	29.5	28.1	6.81	3	113	0.204	SE
S3	20191022	Sunny	Moderate	Mid-Ebb	M	5.45	08:51	6.96	8.03	29.43	28.09	5.97	4	114	0.269	SE
S3	20191022	Sunny	Moderate	Mid-Ebb	M	5.45	08:51	6.06	8	29.57	28.08	6.51	3	113	0.22	SE
S3	20191022	Sunny	Moderate	Mid-Ebb	S	1	08:52	6.56	8.02	29.47	27.83	6.22	4	113	0.199	SE
S3	20191022	Sunny	Moderate	Mid-Ebb	S	1	08:52	6.73	7.91	29.51	28.03	6.09	4	113	0.218	SE
B1	20191022	Sunny	Moderate	Mid-Flood	B	3.5	12:57	6.5	7.9	30.4	28.55	4.51	4	113	0.185	W
B1	20191022	Sunny	Moderate	Mid-Flood	B	3.5	12:57	6.17	8.06	29.63	28.47	4.66	4	112	0.189	W
B1	20191022	Sunny	Moderate	Mid-Flood	S	1	12:58	6.79	8.03	29.7	28.5	4.3	4	112	0.271	NW
B1	20191022	Sunny	Moderate	Mid-Flood	S	1	12:58	6.66	8	30.03	28.49	4	5	113	0.226	W
B2	20191022	Sunny	Moderate	Mid-Flood	B	3.5	13:17	6.46	7.91	30.15	28.46	4.61	10	112	0.302	W
B2	20191022	Sunny	Moderate	Mid-Flood	B	3.5	13:17	6.41	8.06	29.64	28.36	4.44	10	113	0.224	W
B2	20191022	Sunny	Moderate	Mid-Flood	S	1	13:18	6.56	8.15	30.54	28.45	4.05	5	112	0.316	W
B2	20191022	Sunny	Moderate	Mid-Flood	S	1	13:18	6.69	8.16	29.79	28.44	4.05	6	113	0.241	W
B3	20191022	Sunny	Moderate	Mid-Flood	B	3.8	14:02	6.82	8.06	30.38	28.31	4.81	9	113	0.252	W
B3	20191022	Sunny	Moderate	Mid-Flood	B	3.8	14:02	6.84	7.88	29.75	28.34	4.53	8	112	0.311	W
B3	20191022	Sunny	Moderate	Mid-Flood	S	1	14:03	6.66	8	29.94	28.39	3.92	10	113	0.149	W
B3	20191022	Sunny	Moderate	Mid-Flood	S	1	14:03	6.65	8.09	30.13	28.51	3.85	9	113	0.221	NW
B4	20191022	Sunny	Moderate	Mid-Flood	B	4.1	14:13	6.7	8.07	30.12	28.46	4.59	8	113	0.249	W
B4	20191022	Sunny	Moderate	Mid-Flood	B	4.1	14:13	6.8	8	30.16	28.34	4.7	8	113	0.254	W
B4	20191022	Sunny	Moderate	Mid-Flood	S	1	14:14	6.9	7.86	30.29	28.37	4.23	7	113	0.31	W
B4	20191022	Sunny	Moderate	Mid-Flood	S	1	14:14	6.5	7.94	29.62	28.22	3.86	8	113	0.183	W
C1A	20191022	Sunny	Moderate	Mid-Flood	B	10.9	12:32	6.82	8.12	30.15	28.54	4.31	8	112	0.28	W
C1A	20191022	Sunny	Moderate	Mid-Flood	B	10.9	12:32	6.86	7.94	29.91	28.39	4.28	10	113	0.311	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20191022	Sunny	Moderate	Mid-Flood	M	5.95	12:33	6.14	7.9	30.14	28.44	4.07	6	112	0.203	W
C1A	20191022	Sunny	Moderate	Mid-Flood	M	5.95	12:33	6.15	8.01	29.9	28.41	4.33	8	113	0.185	NW
C1A	20191022	Sunny	Moderate	Mid-Flood	S	1	12:34	6.94	7.94	30.51	28.55	4.13	8	113	0.245	W
C1A	20191022	Sunny	Moderate	Mid-Flood	S	1	12:34	6.9	8.14	30.09	28.51	3.95	6	112	0.254	W
C2A	20191022	Sunny	Moderate	Mid-Flood	B	11	12:26	6.46	8.14	29.69	28.4	4.43	8	112	0.17	W
C2A	20191022	Sunny	Moderate	Mid-Flood	B	11	12:26	6.8	8.17	30.45	28.35	4.37	9	112	0.172	NW
C2A	20191022	Sunny	Moderate	Mid-Flood	M	6	12:27	6.17	8.07	29.93	28.4	4.24	7	113	0.223	W
C2A	20191022	Sunny	Moderate	Mid-Flood	M	6	12:27	6.8	8.18	29.63	28.36	4.03	7	113	0.229	W
C2A	20191022	Sunny	Moderate	Mid-Flood	S	1	12:28	6.96	7.96	30.38	28.56	4.18	7	113	0.161	NW
C2A	20191022	Sunny	Moderate	Mid-Flood	S	1	12:28	6.54	8.03	29.83	28.49	4.33	7	113	0.23	W
CR1	20191022	Sunny	Moderate	Mid-Flood	B	11.2	12:43	6.47	7.96	29.87	28.38	5.14	6	113	0.244	W
CR1	20191022	Sunny	Moderate	Mid-Flood	B	11.2	12:43	6.32	8.16	29.73	28.56	5.51	6	113	0.157	NW
CR1	20191022	Sunny	Moderate	Mid-Flood	M	6.1	12:44	6.8	8.04	30.18	28.41	4.96	7	113	0.238	NW
CR1	20191022	Sunny	Moderate	Mid-Flood	M	6.1	12:44	6.12	8.05	29.79	28.53	5.15	6	113	0.226	NW
CR1	20191022	Sunny	Moderate	Mid-Flood	S	1	12:45	6.49	7.95	29.84	28.37	4.7	6	113	0.267	W
CR1	20191022	Sunny	Moderate	Mid-Flood	S	1	12:45	6.74	8.01	30.32	28.42	4.72	7	113	0.301	NW
CR2	20191022	Sunny	Moderate	Mid-Flood	B	10.9	13:04	6.43	8.14	29.78	28.43	5.91	6	113	0.276	W
CR2	20191022	Sunny	Moderate	Mid-Flood	B	10.9	13:04	6.85	8.18	30.55	28.32	5.6	7	113	0.274	W
CR2	20191022	Sunny	Moderate	Mid-Flood	M	5.95	13:05	6.57	8.19	29.83	28.33	5.26	6	113	0.157	NW
CR2	20191022	Sunny	Moderate	Mid-Flood	M	5.95	13:05	6.35	7.86	29.6	28.3	5.27	5	113	0.292	NW
CR2	20191022	Sunny	Moderate	Mid-Flood	S	1	13:06	6.38	7.99	29.69	28.41	5.17	5	113	0.152	W
CR2	20191022	Sunny	Moderate	Mid-Flood	S	1	13:06	6.9	8.06	30.32	28.43	5.21	6	113	0.273	W
F1A	20191022	Sunny	Moderate	Mid-Flood	B	6.9	14:12	6.48	8.02	30.06	28.51	4.49	7	112	0.21	W
F1A	20191022	Sunny	Moderate	Mid-Flood	B	6.9	14:12	6.28	8.18	30.08	28.57	4.7	7	112	0.187	W
F1A	20191022	Sunny	Moderate	Mid-Flood	M	3.95	14:13	6.08	8.18	30.44	28.2	4.49	7	113	0.194	NW
F1A	20191022	Sunny	Moderate	Mid-Flood	M	3.95	14:13	6.15	8.13	30.22	28.5	4.01	7	113	0.224	NW
F1A	20191022	Sunny	Moderate	Mid-Flood	S	1	14:14	6.19	8.06	29.96	28.36	4.31	8	113	0.189	W
F1A	20191022	Sunny	Moderate	Mid-Flood	S	1	14:14	6.55	7.94	30.06	28.22	4.19	8	113	0.257	W
H1	20191022	Sunny	Moderate	Mid-Flood	B	7.5	13:20	6.96	8.09	30.05	28.28	4.62	10	113	0.273	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20191022	Sunny	Moderate	Mid-Flood	B	7.5	13:20	6.07	8.08	29.61	28.51	4.62	9	113	0.32	W
H1	20191022	Sunny	Moderate	Mid-Flood	M	4.25	13:21	6.95	8.12	29.99	28.27	3.98	8	113	0.25	W
H1	20191022	Sunny	Moderate	Mid-Flood	M	4.25	13:21	6.48	8.08	29.81	28.4	4.4	10	113	0.268	W
H1	20191022	Sunny	Moderate	Mid-Flood	S	1	13:22	6.56	8.05	30.06	28.49	3.92	9	112	0.313	NW
H1	20191022	Sunny	Moderate	Mid-Flood	S	1	13:22	6.16	8	30.45	28.34	3.84	9	113	0.198	W
M1	20191022	Sunny	Moderate	Mid-Flood	B	6.5	14:43	6.64	8.02	30.43	28.51	4.6	13	114	0.187	W
M1	20191022	Sunny	Moderate	Mid-Flood	B	6.5	14:43	6.24	8	30.19	28.21	4.59	13	113	0.242	W
M1	20191022	Sunny	Moderate	Mid-Flood	M	3.75	14:44	6.44	8	30.55	28.54	4.19	11	113	0.271	W
M1	20191022	Sunny	Moderate	Mid-Flood	M	3.75	14:44	6.55	7.99	30.11	28.4	4.33	10	113	0.141	W
M1	20191022	Sunny	Moderate	Mid-Flood	S	1	14:45	6.55	7.88	30.07	28.52	3.99	8	113	0.138	W
M1	20191022	Sunny	Moderate	Mid-Flood	S	1	14:45	6.9	8.19	29.98	28.43	4.19	9	113	0.252	W
S1	20191022	Sunny	Moderate	Mid-Flood	B	4.5	13:07	6.94	8.04	30.5	28.31	4.35	9	113	0.272	W
S1	20191022	Sunny	Moderate	Mid-Flood	B	4.5	13:07	6.57	8.18	30.22	28.26	4.7	11	113	0.315	W
S1	20191022	Sunny	Moderate	Mid-Flood	S	1	13:08	6.55	7.98	29.63	28.46	3.8	6	113	0.315	W
S1	20191022	Sunny	Moderate	Mid-Flood	S	1	13:08	6.55	8.18	30.2	28.27	3.85	7	112	0.198	W
S2A	20191022	Sunny	Moderate	Mid-Flood	B	8.1	13:36	6.99	8.13	30.05	28.27	4.86	10	113	0.296	W
S2A	20191022	Sunny	Moderate	Mid-Flood	B	8.1	13:36	6.27	8.11	29.87	28.51	4.34	10	113	0.239	W
S2A	20191022	Sunny	Moderate	Mid-Flood	M	4.55	13:37	6.91	8.04	29.98	28.39	4.15	10	112	0.297	W
S2A	20191022	Sunny	Moderate	Mid-Flood	M	4.55	13:37	7	7.96	30.27	28.45	4.51	11	113	0.229	W
S2A	20191022	Sunny	Moderate	Mid-Flood	S	1	13:38	6.33	7.96	30.49	28.28	3.87	8	112	0.217	W
S2A	20191022	Sunny	Moderate	Mid-Flood	S	1	13:38	6.17	8.05	30.02	28.34	4.11	8	113	0.242	NW
S3	20191022	Sunny	Moderate	Mid-Flood	B	8.1	12:53	6.43	8.19	29.7	28.34	6.76	6	112	0.182	W
S3	20191022	Sunny	Moderate	Mid-Flood	B	8.1	12:53	6.82	8	29.82	28.42	7	7	112	0.249	W
S3	20191022	Sunny	Moderate	Mid-Flood	M	4.55	12:54	6.96	7.86	29.91	28.38	6.15	6	113	0.297	W
S3	20191022	Sunny	Moderate	Mid-Flood	M	4.55	12:54	6.3	7.95	30.48	28.44	6.44	7	113	0.26	W
S3	20191022	Sunny	Moderate	Mid-Flood	S	1	12:55	6.21	7.87	30.39	28.52	6	7	112	0.239	NW
S3	20191022	Sunny	Moderate	Mid-Flood	S	1	12:55	6.78	8.18	29.79	28.37	5.87	6	112	0.259	NW
B1	20191024	Sunny	Moderate	Mid-Ebb	B	3.5	08:47	6.5	8.13	27.54	28.24	3.67	16	113	0.143	SE
B1	20191024	Sunny	Moderate	Mid-Ebb	B	3.5	08:47	6.66	8.03	27.58	28.43	3.87	14	113	0.179	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B1	20191024	Sunny	Moderate	Mid-Ebb	S	1	08:48	6.69	7.93	27.55	28.27	3.4	12	113	0.14	E
B1	20191024	Sunny	Moderate	Mid-Ebb	S	1	08:48	6.29	7.97	27.46	28.23	3.19	12	113	0.218	SE
B2	20191024	Sunny	Moderate	Mid-Ebb	B	4.4	09:09	7.04	8.23	27.35	28.32	3.86	10	113	0.21	SE
B2	20191024	Sunny	Moderate	Mid-Ebb	B	4.4	09:09	6.41	8.23	27.32	28.38	3.69	11	113	0.14	SE
B2	20191024	Sunny	Moderate	Mid-Ebb	S	1	09:10	6.83	8	27.59	28.43	3.34	7	113	0.25	E
B2	20191024	Sunny	Moderate	Mid-Ebb	S	1	09:10	6.77	8.08	27.31	28.27	3.64	8	113	0.139	E
B3	20191024	Sunny	Moderate	Mid-Ebb	B	4.4	09:19	7.04	8.08	27.51	28.42	4.06	13	113	0.229	SE
B3	20191024	Sunny	Moderate	Mid-Ebb	B	4.4	09:19	6.32	7.87	27.6	28.42	3.97	12	112	0.167	SE
B3	20191024	Sunny	Moderate	Mid-Ebb	S	1	09:20	6.94	8.18	27.62	28.48	3.42	8	113	0.247	SE
B3	20191024	Sunny	Moderate	Mid-Ebb	S	1	09:20	6.41	8.02	27.57	28.26	3.6	9	113	0.276	E
B4	20191024	Sunny	Moderate	Mid-Ebb	B	3.3	09:31	6.79	8.1	27.43	28.42	4.3	16	113	0.131	SE
B4	20191024	Sunny	Moderate	Mid-Ebb	B	3.3	09:31	6.41	8.14	27.52	28.53	4.26	15	113	0.198	SE
B4	20191024	Sunny	Moderate	Mid-Ebb	S	1	09:32	6.84	8.06	27.53	28.46	3.69	12	113	0.147	SE
B4	20191024	Sunny	Moderate	Mid-Ebb	S	1	09:32	6.46	8.19	27.31	28.49	3.25	10	113	0.139	SE
C1A	20191024	Sunny	Moderate	Mid-Ebb	B	8.4	08:18	6.48	7.99	27.63	28.36	4	13	113	0.124	E
C1A	20191024	Sunny	Moderate	Mid-Ebb	B	8.4	08:18	6.64	7.97	27.46	28.15	3.77	12	113	0.168	SE
C1A	20191024	Sunny	Moderate	Mid-Ebb	M	4.7	08:19	6.87	8.24	27.5	28.36	3.16	12	113	0.164	SE
C1A	20191024	Sunny	Moderate	Mid-Ebb	M	4.7	08:19	7	8.19	27.52	28.28	3.21	12	114	0.181	SE
C1A	20191024	Sunny	Moderate	Mid-Ebb	S	1	08:20	6.55	7.89	27.56	28.18	3.12	11	113	0.192	SE
C1A	20191024	Sunny	Moderate	Mid-Ebb	S	1	08:20	6.51	8.17	27.39	28.34	3.48	12	113	0.123	SE
C2A	20191024	Sunny	Moderate	Mid-Ebb	B	11.5	08:19	6.49	8.07	27.61	28.13	3.7	12	113	0.153	E
C2A	20191024	Sunny	Moderate	Mid-Ebb	B	11.5	08:19	6.22	7.99	27.41	28.26	3.77	12	113	0.163	SE
C2A	20191024	Sunny	Moderate	Mid-Ebb	M	6.25	08:20	6.85	8.15	27.33	28.16	3.57	12	114	0.255	SE
C2A	20191024	Sunny	Moderate	Mid-Ebb	M	6.25	08:20	6.71	7.88	27.68	28.34	3.22	13	114	0.206	SE
C2A	20191024	Sunny	Moderate	Mid-Ebb	S	1	08:21	6.34	8.23	27.39	28.16	3.27	7	113	0.166	SE
C2A	20191024	Sunny	Moderate	Mid-Ebb	S	1	08:21	6.25	8.09	27.58	28.24	3.39	8	113	0.12	SE
CR1	20191024	Sunny	Moderate	Mid-Ebb	B	12.5	08:30	6.89	8.2	27.55	28.36	3.68	6	113	0.183	E
CR1	20191024	Sunny	Moderate	Mid-Ebb	B	12.5	08:30	6.33	7.91	27.48	28.31	4.07	7	113	0.147	SE
CR1	20191024	Sunny	Moderate	Mid-Ebb	M	6.75	08:31	6.3	8.02	27.38	28.17	3.13	10	113	0.199	E

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20191024	Sunny	Moderate	Mid-Ebb	M	6.75	08:31	6.52	8.08	27.55	28.11	3.37	8	112	0.199	SE
CR1	20191024	Sunny	Moderate	Mid-Ebb	S	1	08:32	6.97	8.07	27.39	28.31	3.62	9	113	0.122	SE
CR1	20191024	Sunny	Moderate	Mid-Ebb	S	1	08:32	7.08	8.12	27.61	28.16	3.6	10	113	0.145	E
CR2	20191024	Sunny	Moderate	Mid-Ebb	B	11	09:54	6.54	8.11	27.61	28.29	3.98	7	109	0.261	E
CR2	20191024	Sunny	Moderate	Mid-Ebb	B	11	09:54	6.26	7.9	27.39	28.48	4.29	6	112	0.135	SE
CR2	20191024	Sunny	Moderate	Mid-Ebb	M	6	09:55	6.98	8.19	27.36	28.38	3.59	8	114	0.28	E
CR2	20191024	Sunny	Moderate	Mid-Ebb	M	6	09:55	6.79	8.15	27.45	28.48	3.66	8	113	0.213	SE
CR2	20191024	Sunny	Moderate	Mid-Ebb	S	1	09:56	6.75	8.1	27.34	28.41	3.58	5	113	0.226	E
CR2	20191024	Sunny	Moderate	Mid-Ebb	S	1	09:56	6.45	8.11	27.3	28.25	3.38	6	113	0.241	SE
F1A	20191024	Sunny	Moderate	Mid-Ebb	B	8	10:02	6.7	8.16	27.64	28.38	3.69	14	113	0.196	SE
F1A	20191024	Sunny	Moderate	Mid-Ebb	B	8	10:02	6.71	8.17	27.38	28.32	3.71	15	114	0.248	SE
F1A	20191024	Sunny	Moderate	Mid-Ebb	M	4.5	10:03	6.71	8.06	27.5	28.3	3.38	10	113	0.272	SE
F1A	20191024	Sunny	Moderate	Mid-Ebb	M	4.5	10:03	6.29	8.17	27.45	28.26	3.42	10	113	0.258	SE
F1A	20191024	Sunny	Moderate	Mid-Ebb	S	1	10:04	6.67	8.02	27.35	28.4	3.49	10	113	0.161	SE
F1A	20191024	Sunny	Moderate	Mid-Ebb	S	1	10:04	6.56	7.86	27.57	28.42	3.19	8	112	0.137	SE
H1	20191024	Sunny	Moderate	Mid-Ebb	B	7.2	08:58	6.29	7.87	27.44	28.28	3.84	15	113	0.27	E
H1	20191024	Sunny	Moderate	Mid-Ebb	B	7.2	08:58	6.61	7.92	27.32	28.4	4.11	15	113	0.162	E
H1	20191024	Sunny	Moderate	Mid-Ebb	M	4.1	08:59	7.1	7.86	27.64	28.44	3.12	15	113	0.121	E
H1	20191024	Sunny	Moderate	Mid-Ebb	M	4.1	08:59	6.72	8.03	27.43	28.21	3.18	16	113	0.13	SE
H1	20191024	Sunny	Moderate	Mid-Ebb	S	1	09:00	6.79	7.97	27.69	28.26	3.37	15	113	0.261	SE
H1	20191024	Sunny	Moderate	Mid-Ebb	S	1	09:00	6.33	8.19	27.43	28.2	3.33	15	113	0.281	SE
M1	20191024	Sunny	Moderate	Mid-Ebb	B	8.6	10:34	6.43	8.15	27.33	28.35	3.83	9	113	0.2	E
M1	20191024	Sunny	Moderate	Mid-Ebb	B	8.6	10:34	6.59	8.12	27.6	28.51	3.85	10	112	0.14	SE
M1	20191024	Sunny	Moderate	Mid-Ebb	M	4.8	10:35	6.66	8.02	27.42	28.5	3.17	6	113	0.178	SE
M1	20191024	Sunny	Moderate	Mid-Ebb	M	4.8	10:35	6.78	8.05	27.57	28.39	3.52	8	113	0.227	SE
M1	20191024	Sunny	Moderate	Mid-Ebb	S	1	10:36	6.54	8.23	27.41	28.47	3.14	6	112	0.176	E
M1	20191024	Sunny	Moderate	Mid-Ebb	S	1	10:36	6.29	8.05	27.36	28.48	3.59	7	112	0.172	SE
S1	20191024	Sunny	Moderate	Mid-Ebb	B	3.8	08:58	6.99	8.21	27.34	28.35	4.1	10	114	0.254	E
S1	20191024	Sunny	Moderate	Mid-Ebb	B	3.8	08:58	7.07	8.14	27.46	28.39	3.68	11	113	0.122	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S1	20191024	Sunny	Moderate	Mid-Ebb	S	1	08:59	6.55	8.04	27.7	28.26	3.41	10	113	0.266	SE
S1	20191024	Sunny	Moderate	Mid-Ebb	S	1	08:59	6.86	8.11	27.5	28.36	3.26	11	113	0.256	SE
S2A	20191024	Sunny	Moderate	Mid-Ebb	B	8.4	09:28	7.01	8.06	27.41	28.29	3.75	12	113	0.275	E
S2A	20191024	Sunny	Moderate	Mid-Ebb	B	8.4	09:28	6.63	7.88	27.48	28.32	4.19	11	113	0.175	SE
S2A	20191024	Sunny	Moderate	Mid-Ebb	M	4.7	09:29	7.05	7.97	27.52	28.32	3.52	10	113	0.277	SE
S2A	20191024	Sunny	Moderate	Mid-Ebb	M	4.7	09:29	6.66	8.1	27.53	28.24	3.45	9	114	0.154	E
S2A	20191024	Sunny	Moderate	Mid-Ebb	S	1	09:30	6.38	8.12	27.46	28.31	3.42	9	113	0.143	SE
S2A	20191024	Sunny	Moderate	Mid-Ebb	S	1	09:30	6.84	8.08	27.4	28.27	3.61	9	113	0.225	SE
S3	20191024	Sunny	Moderate	Mid-Ebb	B	9	10:04	6.24	7.87	27.52	28.36	4.57	10	113	0.163	SE
S3	20191024	Sunny	Moderate	Mid-Ebb	B	9	10:04	6.5	8.14	27.35	28.44	4.52	10	114	0.21	SE
S3	20191024	Sunny	Moderate	Mid-Ebb	M	5	10:05	6.69	8.08	27.38	28.26	3.83	12	113	0.262	E
S3	20191024	Sunny	Moderate	Mid-Ebb	M	5	10:05	6.91	8.11	27.38	28.44	3.64	11	113	0.169	SE
S3	20191024	Sunny	Moderate	Mid-Ebb	S	1	10:06	6.23	8.09	27.34	28.26	3.67	11	113	0.164	SE
S3	20191024	Sunny	Moderate	Mid-Ebb	S	1	10:06	6.6	7.97	27.4	28.42	3.5	12	113	0.18	SE
B1	20191024	Sunny	Moderate	Mid-Flood	B	3.7	14:48	6.5	8	27.31	28.65	3.86	6	113	0.317	W
B1	20191024	Sunny	Moderate	Mid-Flood	B	3.7	14:48	6.77	7.98	27.7	28.67	4.02	8	113	0.168	W
B1	20191024	Sunny	Moderate	Mid-Flood	S	1	14:49	6.96	8.02	27.78	28.68	3.46	7	113	0.212	W
B1	20191024	Sunny	Moderate	Mid-Flood	S	1	14:49	6.59	7.99	27.53	28.67	3.13	7	113	0.249	NW
B2	20191024	Sunny	Moderate	Mid-Flood	B	3.4	15:10	6.62	8.05	27.47	28.69	3.61	9	113	0.201	NW
B2	20191024	Sunny	Moderate	Mid-Flood	B	3.4	15:10	6.69	8.04	27.74	28.63	4.02	10	113	0.259	NW
B2	20191024	Sunny	Moderate	Mid-Flood	S	1	15:11	7.02	7.86	27.25	28.43	3.45	12	112	0.153	W
B2	20191024	Sunny	Moderate	Mid-Flood	S	1	15:11	6.81	7.96	27.7	28.67	3.42	10	113	0.282	NW
B3	20191024	Sunny	Moderate	Mid-Flood	B	4.1	15:23	6.65	7.91	27.8	28.48	3.76	6	113	0.184	W
B3	20191024	Sunny	Moderate	Mid-Flood	B	4.1	15:23	7	7.79	27.62	28.41	3.77	7	113	0.178	W
B3	20191024	Sunny	Moderate	Mid-Flood	S	1	15:24	6.65	8.04	27.32	28.44	3.29	6	113	0.305	W
B3	20191024	Sunny	Moderate	Mid-Flood	S	1	15:24	6.5	7.95	27.35	28.64	3.47	7	113	0.274	W
B4	20191024	Sunny	Moderate	Mid-Flood	B	4.3	15:37	6.98	7.79	27.6	28.62	3.82	10	113	0.264	NW
B4	20191024	Sunny	Moderate	Mid-Flood	B	4.3	15:37	7.01	8.04	27.77	28.5	4.18	9	112	0.269	W
B4	20191024	Sunny	Moderate	Mid-Flood	S	1	15:38	6.86	7.97	27.44	28.61	3.42	6	113	0.14	W

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B4	20191024	Sunny	Moderate	Mid-Flood	S	1	15:38	6.55	8.06	27.6	28.5	3.56	8	112	0.145	W
C1A	20191024	Sunny	Moderate	Mid-Flood	B	10.9	14:27	7.06	7.75	27.45	28.49	3.76	10	113	0.286	W
C1A	20191024	Sunny	Moderate	Mid-Flood	B	10.9	14:27	7.09	7.81	27.72	28.69	3.87	11	112	0.234	W
C1A	20191024	Sunny	Moderate	Mid-Flood	M	5.95	14:28	7.01	7.94	27.53	28.49	3.74	8	113	0.203	W
C1A	20191024	Sunny	Moderate	Mid-Flood	M	5.95	14:28	7.03	7.87	27.57	28.5	3.66	9	114	0.311	W
C1A	20191024	Sunny	Moderate	Mid-Flood	S	1	14:29	6.99	7.96	27.79	28.7	3.16	8	112	0.171	W
C1A	20191024	Sunny	Moderate	Mid-Flood	S	1	14:29	6.69	7.83	27.22	28.61	3.46	7	112	0.147	W
C2A	20191024	Sunny	Moderate	Mid-Flood	B	11	14:22	7	7.96	27.65	28.6	4.05	7	114	0.162	NW
C2A	20191024	Sunny	Moderate	Mid-Flood	B	11	14:22	6.98	7.85	27.3	28.46	3.58	8	113	0.281	W
C2A	20191024	Sunny	Moderate	Mid-Flood	M	6	14:23	6.69	8.02	27.42	28.45	3.48	8	114	0.253	W
C2A	20191024	Sunny	Moderate	Mid-Flood	M	6	14:23	6.75	7.92	27.63	28.69	3.28	8	114	0.162	W
C2A	20191024	Sunny	Moderate	Mid-Flood	S	1	14:24	6.55	7.87	27.48	28.46	3.15	8	113	0.155	NW
C2A	20191024	Sunny	Moderate	Mid-Flood	S	1	14:24	6.55	7.89	27.8	28.54	3.36	9	113	0.143	W
CR1	20191024	Sunny	Moderate	Mid-Flood	B	11.8	14:38	6.98	7.99	27.71	28.57	3.99	15	112	0.299	W
CR1	20191024	Sunny	Moderate	Mid-Flood	B	11.8	14:38	6.56	8.07	27.44	28.48	3.64	15	113	0.307	W
CR1	20191024	Sunny	Moderate	Mid-Flood	M	6.4	14:39	6.77	7.94	27.59	28.52	3.2	13	113	0.296	W
CR1	20191024	Sunny	Moderate	Mid-Flood	M	6.4	14:39	6.86	7.97	27.31	28.45	3.34	12	113	0.293	W
CR1	20191024	Sunny	Moderate	Mid-Flood	S	1	14:40	6.77	7.93	27.73	28.5	2.99	8	113	0.139	W
CR1	20191024	Sunny	Moderate	Mid-Flood	S	1	14:40	6.97	7.75	27.51	28.59	3.4	9	113	0.318	W
CR2	20191024	Sunny	Moderate	Mid-Flood	B	10.6	15:55	6.53	8.09	27.79	28.45	4	15	112	0.224	W
CR2	20191024	Sunny	Moderate	Mid-Flood	B	10.6	15:55	7.04	7.75	27.51	28.43	4.03	16	113	0.284	W
CR2	20191024	Sunny	Moderate	Mid-Flood	M	5.8	15:56	6.64	7.87	27.27	28.55	3.46	14	113	0.279	W
CR2	20191024	Sunny	Moderate	Mid-Flood	M	5.8	15:56	6.5	8.01	27.75	28.41	3.8	13	113	0.271	NW
CR2	20191024	Sunny	Moderate	Mid-Flood	S	1	15:57	6.83	7.86	27.56	28.6	3.55	10	112	0.173	W
CR2	20191024	Sunny	Moderate	Mid-Flood	S	1	15:57	6.56	8.05	27.73	28.45	3.48	10	113	0.243	W
F1A	20191024	Sunny	Moderate	Mid-Flood	B	6.9	16:10	6.45	7.9	27.24	28.59	3.9	7	113	0.28	NW
F1A	20191024	Sunny	Moderate	Mid-Flood	B	6.9	16:10	7.11	7.94	27.56	28.55	4.11	8	113	0.212	W
F1A	20191024	Sunny	Moderate	Mid-Flood	M	3.95	16:11	6.75	8.04	27.44	28.43	3.59	7	113	0.193	W
F1A	20191024	Sunny	Moderate	Mid-Flood	M	3.95	16:11	6.53	7.98	27.52	28.52	3.51	8	113	0.177	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20191024	Sunny	Moderate	Mid-Flood	S	1	16:12	6.6	7.98	27.41	28.42	3.04	7	113	0.321	W
F1A	20191024	Sunny	Moderate	Mid-Flood	S	1	16:12	7.06	8.05	27.52	28.39	3.07	6	113	0.192	W
H1	20191024	Sunny	Moderate	Mid-Flood	B	7.1	15:04	6.7	8.02	27.62	28.43	3.97	8	114	0.216	W
H1	20191024	Sunny	Moderate	Mid-Flood	B	7.1	15:04	7.06	7.98	27.83	28.59	3.83	9	113	0.217	NW
H1	20191024	Sunny	Moderate	Mid-Flood	M	4.05	15:05	6.67	7.95	27.55	28.48	3.66	9	113	0.269	W
H1	20191024	Sunny	Moderate	Mid-Flood	M	4.05	15:05	6.78	7.81	27.52	28.44	3.68	8	113	0.157	W
H1	20191024	Sunny	Moderate	Mid-Flood	S	1	15:06	6.55	7.96	27.8	28.5	3.2	7	113	0.169	NW
H1	20191024	Sunny	Moderate	Mid-Flood	S	1	15:06	6.83	7.97	27.28	28.69	2.99	8	111	0.22	W
M1	20191024	Sunny	Moderate	Mid-Flood	B	7.4	16:44	7.01	7.92	27.52	28.33	3.9	18	113	0.241	NW
M1	20191024	Sunny	Moderate	Mid-Flood	B	7.4	16:44	6.71	7.9	27.83	28.33	3.57	17	114	0.231	W
M1	20191024	Sunny	Moderate	Mid-Flood	M	4.2	16:45	6.91	7.91	27.61	28.36	3.72	16	112	0.24	W
M1	20191024	Sunny	Moderate	Mid-Flood	M	4.2	16:45	7.04	7.95	27.7	28.31	3.53	17	113	0.272	W
M1	20191024	Sunny	Moderate	Mid-Flood	S	1	16:46	6.47	7.91	27.7	28.26	3.12	17	113	0.264	W
M1	20191024	Sunny	Moderate	Mid-Flood	S	1	16:46	6.78	7.95	27.45	28.42	3.51	18	113	0.158	W
S1	20191024	Sunny	Moderate	Mid-Flood	B	4.6	14:59	6.58	7.99	27.49	28.59	4.07	10	113	0.285	W
S1	20191024	Sunny	Moderate	Mid-Flood	B	4.6	14:59	7.05	7.84	27.82	28.68	3.59	10	113	0.234	W
S1	20191024	Sunny	Moderate	Mid-Flood	S	1	15:00	7.08	7.88	27.5	28.67	3.37	9	113	0.152	NW
S1	20191024	Sunny	Moderate	Mid-Flood	S	1	15:00	6.84	7.86	27.71	28.61	3.26	8	113	0.276	NW
S2A	20191024	Sunny	Moderate	Mid-Flood	B	8.6	15:31	6.54	8.08	27.51	28.6	4.07	15	112	0.171	W
S2A	20191024	Sunny	Moderate	Mid-Flood	B	8.6	15:31	6.96	7.8	27.62	28.4	3.66	16	112	0.256	W
S2A	20191024	Sunny	Moderate	Mid-Flood	M	4.8	15:32	7.02	7.92	27.56	28.45	3.42	13	113	0.286	W
S2A	20191024	Sunny	Moderate	Mid-Flood	M	4.8	15:32	6.85	7.84	27.8	28.42	3.24	13	113	0.295	W
S2A	20191024	Sunny	Moderate	Mid-Flood	S	1	15:33	6.5	7.97	27.83	28.55	3.04	12	114	0.173	W
S2A	20191024	Sunny	Moderate	Mid-Flood	S	1	15:33	6.49	7.97	27.44	28.61	3.58	12	113	0.301	W
S3	20191024	Sunny	Moderate	Mid-Flood	B	8	16:05	6.58	7.97	27.32	28.38	4.36	25	113	0.187	W
S3	20191024	Sunny	Moderate	Mid-Flood	B	8	16:05	6.77	7.92	27.52	28.31	3.99	24	112	0.259	W
S3	20191024	Sunny	Moderate	Mid-Flood	M	4.5	16:06	6.53	7.82	27.71	28.6	3.69	21	113	0.221	W
S3	20191024	Sunny	Moderate	Mid-Flood	M	4.5	16:06	6.94	7.95	27.57	28.6	3.5	22	113	0.252	NW
S3	20191024	Sunny	Moderate	Mid-Flood	S	1	16:07	6.61	8.02	27.57	28.54	3.7	23	113	0.276	NW

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 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20191024	Sunny	Moderate	Mid-Flood	S	1	16:07	6.48	7.77	27.85	28.6	3.36	22	113	0.168	W
B1	20191026	Cloudy	Moderate	Mid-Ebb	B	3.5	09:49	7.1	8.22	28.47	28.3	3.59	7	113	0.127	SE
B1	20191026	Cloudy	Moderate	Mid-Ebb	B	3.5	09:49	6.61	7.98	28.46	28.1	3.71	8	113	0.201	SE
B1	20191026	Cloudy	Moderate	Mid-Ebb	S	1	09:50	6.52	8.08	28.64	28.19	3.48	6	114	0.203	SE
B1	20191026	Cloudy	Moderate	Mid-Ebb	S	1	09:50	7.17	8.01	28.61	28.31	3.39	6	113	0.279	E
B2	20191026	Cloudy	Moderate	Mid-Ebb	B	4.7	10:10	7.21	7.89	28.35	28.1	3.81	8	113	0.187	SE
B2	20191026	Cloudy	Moderate	Mid-Ebb	B	4.7	10:10	6.72	8.18	28.67	28.19	3.63	8	113	0.265	SE
B2	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:11	7.09	8.1	28.59	28.28	3.28	6	112	0.28	SE
B2	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:11	6.91	8.05	28.62	28.16	3.2	7	113	0.195	SE
B3	20191026	Cloudy	Moderate	Mid-Ebb	B	3.9	10:49	6.92	7.98	28.35	28.29	4.03	8	113	0.263	SE
B3	20191026	Cloudy	Moderate	Mid-Ebb	B	3.9	10:49	7.36	7.88	28.59	28.41	3.85	8	114	0.126	SE
B3	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:50	6.81	8.15	28.54	28.26	3.55	8	113	0.212	SE
B3	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:50	7.09	8.02	28.37	28.44	3.39	9	113	0.215	E
B4	20191026	Cloudy	Moderate	Mid-Ebb	B	3.1	10:59	7.04	7.97	28.32	28.23	3.97	9	113	0.165	SE
B4	20191026	Cloudy	Moderate	Mid-Ebb	B	3.1	10:59	7.33	8.07	28.46	28.21	3.99	10	113	0.146	SE
B4	20191026	Cloudy	Moderate	Mid-Ebb	S	1	11:00	6.64	8.17	28.38	28.47	2.97	8	113	0.117	SE
B4	20191026	Cloudy	Moderate	Mid-Ebb	S	1	11:00	7	8.15	28.31	28.5	3.43	9	112	0.128	SE
C1A	20191026	Cloudy	Moderate	Mid-Ebb	B	9.1	09:22	7.28	7.89	28.34	28.21	4.02	8	113	0.259	E
C1A	20191026	Cloudy	Moderate	Mid-Ebb	B	9.1	09:22	7.06	8.1	28.43	28.26	3.69	8	113	0.141	E
C1A	20191026	Cloudy	Moderate	Mid-Ebb	M	5.05	09:23	7.03	8.23	28.67	28.2	3.21	8	113	0.196	SE
C1A	20191026	Cloudy	Moderate	Mid-Ebb	M	5.05	09:23	7.37	8.03	28.42	28.22	3.39	9	113	0.267	E
C1A	20191026	Cloudy	Moderate	Mid-Ebb	S	1	09:24	6.72	8.1	28.7	28.17	3.06	8	114	0.125	E
C1A	20191026	Cloudy	Moderate	Mid-Ebb	S	1	09:24	7.17	7.9	28.3	28.14	2.99	8	113	0.214	SE
C2A	20191026	Cloudy	Moderate	Mid-Ebb	B	11.5	09:30	7.06	7.94	28.43	28.19	3.48	11	113	0.161	SE
C2A	20191026	Cloudy	Moderate	Mid-Ebb	B	11.5	09:30	6.87	7.92	28.63	28.3	3.54	10	113	0.274	SE
C2A	20191026	Cloudy	Moderate	Mid-Ebb	M	6.25	09:31	7.33	8.05	28.56	28.13	3.42	9	113	0.193	SE
C2A	20191026	Cloudy	Moderate	Mid-Ebb	M	6.25	09:31	7.3	8.09	28.48	28.15	3.38	8	112	0.214	SE
C2A	20191026	Cloudy	Moderate	Mid-Ebb	S	1	09:32	6.72	7.99	28.49	28.27	3.42	8	113	0.213	E
C2A	20191026	Cloudy	Moderate	Mid-Ebb	S	1	09:32	6.65	8.23	28.58	28.24	3.3	9	113	0.122	E

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 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20191026	Cloudy	Moderate	Mid-Ebb	B	11.5	09:46	6.69	7.98	28.46	28.31	3.84	12	113	0.122	SE
CR1	20191026	Cloudy	Moderate	Mid-Ebb	B	11.5	09:46	7.28	7.86	28.43	28.35	3.85	11	113	0.266	E
CR1	20191026	Cloudy	Moderate	Mid-Ebb	M	6.25	09:47	7.08	8.01	28.69	28.42	3.21	9	112	0.183	SE
CR1	20191026	Cloudy	Moderate	Mid-Ebb	M	6.25	09:47	7.33	7.96	28.67	28.27	3.4	9	113	0.126	SE
CR1	20191026	Cloudy	Moderate	Mid-Ebb	S	1	09:48	7.1	7.93	28.34	28.2	3.35	9	112	0.128	SE
CR1	20191026	Cloudy	Moderate	Mid-Ebb	S	1	09:48	7.12	8.11	28.51	28.25	3.22	8	113	0.254	SE
CR2	20191026	Cloudy	Moderate	Mid-Ebb	B	11.1	10:12	7.38	8.13	28.35	28.37	3.64	13	113	0.143	SE
CR2	20191026	Cloudy	Moderate	Mid-Ebb	B	11.1	10:12	7.32	8.12	28.55	28.13	3.6	12	113	0.132	E
CR2	20191026	Cloudy	Moderate	Mid-Ebb	M	6.05	10:13	7.23	8.21	28.34	28.2	3.17	12	114	0.28	SE
CR2	20191026	Cloudy	Moderate	Mid-Ebb	M	6.05	10:13	7.16	8.02	28.37	28.17	3.09	11	113	0.181	SE
CR2	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:14	6.81	8.08	28.3	28.4	3.01	11	113	0.278	SE
CR2	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:14	6.65	8.08	28.37	28.4	3.17	11	113	0.196	E
F1A	20191026	Cloudy	Moderate	Mid-Ebb	B	7.8	11:16	6.53	7.9	28.62	28.49	3.57	11	112	0.214	SE
F1A	20191026	Cloudy	Moderate	Mid-Ebb	B	7.8	11:16	7.01	7.91	28.69	28.37	3.67	12	112	0.169	SE
F1A	20191026	Cloudy	Moderate	Mid-Ebb	M	4.4	11:17	6.76	7.87	28.31	28.43	3.02	10	113	0.209	SE
F1A	20191026	Cloudy	Moderate	Mid-Ebb	M	4.4	11:17	6.79	8.22	28.37	28.54	3.08	11	113	0.275	E
F1A	20191026	Cloudy	Moderate	Mid-Ebb	S	1	11:18	7.19	7.87	28.62	28.55	3.1	9	113	0.279	SE
F1A	20191026	Cloudy	Moderate	Mid-Ebb	S	1	11:18	6.76	8.09	28.46	28.36	3.13	8	113	0.266	E
H1	20191026	Cloudy	Moderate	Mid-Ebb	B	7.3	10:29	6.76	7.87	28.62	28.38	3.54	9	113	0.256	SE
H1	20191026	Cloudy	Moderate	Mid-Ebb	B	7.3	10:29	7.3	7.98	28.4	28.5	3.97	10	113	0.223	SE
H1	20191026	Cloudy	Moderate	Mid-Ebb	M	4.15	10:30	7.34	8.18	28.32	28.49	3.51	10	113	0.26	SE
H1	20191026	Cloudy	Moderate	Mid-Ebb	M	4.15	10:30	6.93	8.23	28.54	28.39	3.3	9	113	0.129	SE
H1	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:31	7.05	7.92	28.51	28.31	3.42	7	113	0.124	SE
H1	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:31	6.84	8.13	28.5	28.53	3.13	8	113	0.139	E
M1	20191026	Cloudy	Moderate	Mid-Ebb	B	8.7	11:51	6.86	8	28.42	28.45	3.92	11	112	0.181	SE
M1	20191026	Cloudy	Moderate	Mid-Ebb	B	8.7	11:51	6.76	7.92	28.66	28.52	3.98	12	113	0.122	E
M1	20191026	Cloudy	Moderate	Mid-Ebb	M	4.85	11:52	6.96	8.14	28.44	28.31	3.18	12	112	0.185	SE
M1	20191026	Cloudy	Moderate	Mid-Ebb	M	4.85	11:52	6.71	8.22	28.35	28.39	3.21	11	112	0.143	SE
M1	20191026	Cloudy	Moderate	Mid-Ebb	S	1	11:53	6.6	8.06	28.32	28.41	3.01	11	113	0.116	SE

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20191026	Cloudy	Moderate	Mid-Ebb	S	1	11:53	7.12	7.86	28.39	28.38	3.04	11	113	0.12	SE
S1	20191026	Cloudy	Moderate	Mid-Ebb	B	4.3	09:59	7.17	8.23	28.51	28.44	3.59	9	114	0.172	SE
S1	20191026	Cloudy	Moderate	Mid-Ebb	B	4.3	09:59	7.38	7.93	28.39	28.4	3.78	8	113	0.244	SE
S1	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:00	6.72	8.07	28.66	28.36	3.25	8	113	0.275	E
S1	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:00	7.02	8.19	28.36	28.37	3.01	9	113	0.128	E
S2A	20191026	Cloudy	Moderate	Mid-Ebb	B	7.8	10:30	6.92	8.05	28.57	28.41	4.01	12	113	0.262	E
S2A	20191026	Cloudy	Moderate	Mid-Ebb	B	7.8	10:30	6.81	7.87	28.49	28.46	3.6	12	112	0.162	SE
S2A	20191026	Cloudy	Moderate	Mid-Ebb	M	4.4	10:31	6.75	8.05	28.37	28.28	3.15	9	113	0.257	SE
S2A	20191026	Cloudy	Moderate	Mid-Ebb	M	4.4	10:31	6.82	7.93	28.37	28.31	3.4	8	113	0.253	E
S2A	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:32	7.18	8.18	28.32	28.45	3.3	8	113	0.202	SE
S2A	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:32	7.19	7.98	28.41	28.33	3	9	113	0.188	E
S3	20191026	Cloudy	Moderate	Mid-Ebb	B	10	10:01	6.92	8.01	28.35	28.1	4.32	12	113	0.163	SE
S3	20191026	Cloudy	Moderate	Mid-Ebb	B	10	10:01	7.15	7.96	28.55	28.36	4.07	13	113	0.15	SE
S3	20191026	Cloudy	Moderate	Mid-Ebb	M	5.5	10:02	7.38	8.11	28.59	28.2	3.23	12	112	0.134	SE
S3	20191026	Cloudy	Moderate	Mid-Ebb	M	5.5	10:02	6.89	8.18	28.61	28.26	3.59	12	113	0.117	SE
S3	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:03	7.22	7.93	28.38	28.12	3.52	11	113	0.133	SE
S3	20191026	Cloudy	Moderate	Mid-Ebb	S	1	10:03	6.82	7.97	28.4	28.27	3.49	13	113	0.25	SE
B1	20191026	Cloudy	Moderate	Mid-Flood	B	4.2	15:50	6.48	8.21	28.4	28.6	3.68	9	113	0.254	W
B1	20191026	Cloudy	Moderate	Mid-Flood	B	4.2	15:50	7.04	7.96	28.42	28.42	3.9	9	113	0.184	W
B1	20191026	Cloudy	Moderate	Mid-Flood	S	1	15:51	7.24	8.26	28.42	28.61	3.33	9	114	0.253	W
B1	20191026	Cloudy	Moderate	Mid-Flood	S	1	15:51	7.13	8.26	28.36	28.45	3.41	10	112	0.27	W
B2	20191026	Cloudy	Moderate	Mid-Flood	B	3.7	16:11	6.65	8.19	28.29	28.53	3.92	13	112	0.22	W
B2	20191026	Cloudy	Moderate	Mid-Flood	B	3.7	16:11	6.49	8.25	28.35	28.55	3.95	12	112	0.21	W
B2	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:12	6.75	8.29	28.35	28.51	2.95	9	113	0.306	W
B2	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:12	6.72	8.15	28.45	28.27	2.91	10	113	0.297	W
B3	20191026	Cloudy	Moderate	Mid-Flood	B	4.2	16:50	6.96	8.26	28.58	28.28	3.77	8	113	0.22	W
B3	20191026	Cloudy	Moderate	Mid-Flood	B	4.2	16:50	6.47	8.2	28.6	28.29	3.69	9	113	0.296	W
B3	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:51	6.48	8.13	28.57	28.16	3.35	9	112	0.197	W
B3	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:51	6.66	8.08	28.48	28.27	3.24	8	113	0.212	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B4	20191026	Cloudy	Moderate	Mid-Flood	B	4.2	17:00	6.78	8.01	28.6	28.25	3.61	11	113	0.23	W
B4	20191026	Cloudy	Moderate	Mid-Flood	B	4.2	17:00	7.34	7.95	28.36	28.35	3.79	12	113	0.209	W
B4	20191026	Cloudy	Moderate	Mid-Flood	S	1	17:01	6.74	8.26	28.61	28.26	3.36	7	113	0.218	NW
B4	20191026	Cloudy	Moderate	Mid-Flood	S	1	17:01	7.06	8.03	28.32	28.41	3.29	8	114	0.165	W
C1A	20191026	Cloudy	Moderate	Mid-Flood	B	10.2	15:25	6.95	7.96	28.54	28.4	3.43	9	113	0.157	W
C1A	20191026	Cloudy	Moderate	Mid-Flood	B	10.2	15:25	6.93	8.24	28.63	28.71	3.65	8	113	0.153	W
C1A	20191026	Cloudy	Moderate	Mid-Flood	M	5.6	15:26	6.54	8.28	28.65	28.6	3.05	9	112	0.245	W
C1A	20191026	Cloudy	Moderate	Mid-Flood	M	5.6	15:26	6.78	8.28	28.41	28.7	3.19	9	114	0.244	W
C1A	20191026	Cloudy	Moderate	Mid-Flood	S	1	15:27	6.67	8.29	28.27	28.51	3.37	9	113	0.232	NW
C1A	20191026	Cloudy	Moderate	Mid-Flood	S	1	15:27	7.04	7.97	28.5	28.69	2.93	10	114	0.265	W
C2A	20191026	Cloudy	Moderate	Mid-Flood	B	10.1	15:26	6.96	7.99	28.38	28.74	3.52	9	114	0.296	W
C2A	20191026	Cloudy	Moderate	Mid-Flood	B	10.1	15:26	6.51	8.26	28.64	28.4	3.79	10	113	0.154	W
C2A	20191026	Cloudy	Moderate	Mid-Flood	M	5.55	15:27	7.12	8.11	28.45	28.72	3.22	9	114	0.285	W
C2A	20191026	Cloudy	Moderate	Mid-Flood	M	5.55	15:27	7.39	8.19	28.45	28.44	3.21	9	114	0.294	W
C2A	20191026	Cloudy	Moderate	Mid-Flood	S	1	15:28	6.94	8.11	28.51	28.72	3.44	8	114	0.19	W
C2A	20191026	Cloudy	Moderate	Mid-Flood	S	1	15:28	6.82	8	28.37	28.47	2.85	8	113	0.21	W
CR1	20191026	Cloudy	Moderate	Mid-Flood	B	11	15:42	7.26	8.06	28.57	28.59	3.86	7	114	0.292	W
CR1	20191026	Cloudy	Moderate	Mid-Flood	B	11	15:42	7.1	8.25	28.27	28.46	3.45	7	113	0.236	W
CR1	20191026	Cloudy	Moderate	Mid-Flood	M	6	15:43	6.48	8.13	28.47	28.43	3.06	8	112	0.15	W
CR1	20191026	Cloudy	Moderate	Mid-Flood	M	6	15:43	6.83	8.07	28.63	28.47	3.34	7	113	0.241	W
CR1	20191026	Cloudy	Moderate	Mid-Flood	S	1	15:44	7.35	8.06	28.38	28.43	3.15	7	113	0.145	W
CR1	20191026	Cloudy	Moderate	Mid-Flood	S	1	15:44	7.29	8.1	28.58	28.52	3.23	7	113	0.187	W
CR2	20191026	Cloudy	Moderate	Mid-Flood	B	10.5	16:10	6.58	8.18	28.58	28.42	4.1	7	114	0.192	W
CR2	20191026	Cloudy	Moderate	Mid-Flood	B	10.5	16:10	7.02	8.19	28.31	28.28	3.57	8	113	0.287	W
CR2	20191026	Cloudy	Moderate	Mid-Flood	M	5.75	16:11	6.72	8.1	28.41	28.46	3.28	6	113	0.261	NW
CR2	20191026	Cloudy	Moderate	Mid-Flood	M	5.75	16:11	6.69	8.2	28.49	28.56	3.46	7	113	0.237	W
CR2	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:12	7.37	8.28	28.64	28.32	3.25	6	113	0.146	W
CR2	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:12	6.74	7.99	28.44	28.57	3.05	7	112	0.312	W
F1A	20191026	Cloudy	Moderate	Mid-Flood	B	7.7	17:16	7.38	8.13	28.52	28.39	3.75	8	114	0.228	W

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20191026	Cloudy	Moderate	Mid-Flood	B	7.7	17:16	6.74	8.06	28.66	28.35	3.54	9	113	0.254	W
F1A	20191026	Cloudy	Moderate	Mid-Flood	M	4.35	17:17	6.7	7.99	28.53	28.16	3.27	8	113	0.162	W
F1A	20191026	Cloudy	Moderate	Mid-Flood	M	4.35	17:17	7.11	8.16	28.37	28.32	3.41	9	113	0.239	NW
F1A	20191026	Cloudy	Moderate	Mid-Flood	S	1	17:18	6.71	8.2	28.48	28.33	2.96	9	112	0.146	W
F1A	20191026	Cloudy	Moderate	Mid-Flood	S	1	17:18	7.17	8.19	28.51	28.17	3.33	9	114	0.175	NW
H1	20191026	Cloudy	Moderate	Mid-Flood	B	6.9	16:31	7.39	8.06	28.33	28.34	3.71	10	113	0.222	NW
H1	20191026	Cloudy	Moderate	Mid-Flood	B	6.9	16:31	7.12	8.03	28.48	28.35	3.51	10	112	0.212	NW
H1	20191026	Cloudy	Moderate	Mid-Flood	M	3.95	16:32	6.6	8.16	28.53	28.46	3.17	10	113	0.151	W
H1	20191026	Cloudy	Moderate	Mid-Flood	M	3.95	16:32	6.64	7.95	28.28	28.48	3.29	9	114	0.308	W
H1	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:33	6.92	8.07	28.31	28.32	3.29	8	113	0.31	NW
H1	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:33	7.31	7.97	28.65	28.36	2.9	8	113	0.165	NW
M1	20191026	Cloudy	Moderate	Mid-Flood	B	7.7	17:54	7.37	7.96	28.46	28.19	3.67	9	113	0.314	W
M1	20191026	Cloudy	Moderate	Mid-Flood	B	7.7	17:54	6.8	8.1	28.63	28.16	3.38	9	113	0.182	W
M1	20191026	Cloudy	Moderate	Mid-Flood	M	4.35	17:55	7.26	8.22	28.62	28.27	3.58	6	114	0.317	W
M1	20191026	Cloudy	Moderate	Mid-Flood	M	4.35	17:55	6.67	7.98	28.66	28.15	3.27	7	113	0.21	W
M1	20191026	Cloudy	Moderate	Mid-Flood	S	1	17:56	6.99	8.11	28.52	28.32	3.41	8	113	0.298	W
M1	20191026	Cloudy	Moderate	Mid-Flood	S	1	17:56	6.86	8.26	28.56	28.38	3.35	7	113	0.18	NW
S1	20191026	Cloudy	Moderate	Mid-Flood	B	4.3	16:00	6.7	8.02	28.42	28.42	3.71	7	114	0.266	W
S1	20191026	Cloudy	Moderate	Mid-Flood	B	4.3	16:00	7.14	8.25	28.52	28.39	3.56	6	113	0.299	W
S1	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:01	6.67	7.99	28.66	28.58	3.13	8	114	0.317	NW
S1	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:01	6.77	8.05	28.65	28.57	3.06	8	113	0.216	W
S2A	20191026	Cloudy	Moderate	Mid-Flood	B	8.8	16:31	7.17	8.29	28.65	28.47	3.73	8	114	0.267	W
S2A	20191026	Cloudy	Moderate	Mid-Flood	B	8.8	16:31	7.24	8.07	28.36	28.23	3.73	9	113	0.313	W
S2A	20191026	Cloudy	Moderate	Mid-Flood	M	4.9	16:32	6.45	7.96	28.45	28.35	3.45	8	114	0.269	W
S2A	20191026	Cloudy	Moderate	Mid-Flood	M	4.9	16:32	6.72	8.23	28.65	28.42	3.06	7	113	0.307	W
S2A	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:33	7.35	8.28	28.58	28.42	3.39	8	112	0.223	W
S2A	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:33	7.01	7.95	28.67	28.45	3.27	8	114	0.274	W
S3	20191026	Cloudy	Moderate	Mid-Flood	B	8.6	15:58	7.2	8.23	28.44	28.44	4.15	7	113	0.18	NW
S3	20191026	Cloudy	Moderate	Mid-Flood	B	8.6	15:58	6.58	8.05	28.4	28.56	4.25	8	114	0.295	NW

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 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20191026	Cloudy	Moderate	Mid-Flood	M	4.8	15:59	6.46	8.25	28.46	28.34	3.39	9	113	0.182	W
S3	20191026	Cloudy	Moderate	Mid-Flood	M	4.8	15:59	7.13	8.11	28.27	28.47	3.65	8	112	0.209	NW
S3	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:00	6.52	8.12	28.4	28.28	3.25	7	113	0.237	NW
S3	20191026	Cloudy	Moderate	Mid-Flood	S	1	16:00	6.5	7.98	28.63	28.33	3.51	8	113	0.231	NW
B1	20191028	Cloudy	Moderate	Mid-Ebb	B	4	11:20	7.07	7.92	29.58	28.9	3.7	4	110	0.177	E
B1	20191028	Cloudy	Moderate	Mid-Ebb	B	4	11:20	6.78	8.23	29.31	29.08	3.71	5	110	0.177	SE
B1	20191028	Cloudy	Moderate	Mid-Ebb	S	1	11:21	6.71	8	29.59	28.9	3.01	4	111	0.162	E
B1	20191028	Cloudy	Moderate	Mid-Ebb	S	1	11:21	6.98	7.96	29.17	29.19	3.04	4	111	0.14	SE
B2	20191028	Cloudy	Moderate	Mid-Ebb	B	4.6	11:41	7.09	8.14	29.37	29.12	3.73	4	110	0.169	E
B2	20191028	Cloudy	Moderate	Mid-Ebb	B	4.6	11:41	6.73	7.9	29.62	29.14	3.45	4	110	0.194	SE
B2	20191028	Cloudy	Moderate	Mid-Ebb	S	1	11:42	6.97	8.16	29.25	29.05	2.83	3	111	0.19	SE
B2	20191028	Cloudy	Moderate	Mid-Ebb	S	1	11:42	6.91	7.97	29.24	28.95	3.22	3	110	0.197	SE
B3	20191028	Cloudy	Moderate	Mid-Ebb	B	4.3	12:15	6.81	7.94	29.67	29.17	3.73	3	111	0.188	SE
B3	20191028	Cloudy	Moderate	Mid-Ebb	B	4.3	12:15	6.94	8.12	29.59	29.04	3.72	4	111	0.173	SE
B3	20191028	Cloudy	Moderate	Mid-Ebb	S	1	12:16	7.05	7.96	29.18	29.26	2.8	3	111	0.17	E
B3	20191028	Cloudy	Moderate	Mid-Ebb	S	1	12:16	7.05	7.9	29.53	29	3.33	3	110	0.186	SE
B4	20191028	Cloudy	Moderate	Mid-Ebb	B	3.3	12:26	6.84	8.12	29.12	28.89	3.73	3	111	0.187	SE
B4	20191028	Cloudy	Moderate	Mid-Ebb	B	3.3	12:26	6.81	8.2	29.64	28.94	3.52	4	111	0.201	E
B4	20191028	Cloudy	Moderate	Mid-Ebb	S	1	12:27	6.95	8.24	29.15	29.12	2.78	2	111	0.198	SE
B4	20191028	Cloudy	Moderate	Mid-Ebb	S	1	12:27	6.91	8.06	29.67	28.87	2.83	2	111	0.187	SE
C1A	20191028	Cloudy	Moderate	Mid-Ebb	B	9.3	10:56	7.1	7.94	29.32	29.05	3.72	3	110	0.191	SE
C1A	20191028	Cloudy	Moderate	Mid-Ebb	B	9.3	10:56	6.91	8.03	29.52	29.07	3.52	4	111	0.139	SE
C1A	20191028	Cloudy	Moderate	Mid-Ebb	M	5.15	10:57	6.96	8.03	29.66	28.87	3.01	3	111	0.176	SE
C1A	20191028	Cloudy	Moderate	Mid-Ebb	M	5.15	10:57	6.79	7.93	29.16	29.1	3.07	3	110	0.194	SE
C1A	20191028	Cloudy	Moderate	Mid-Ebb	S	1	10:58	6.79	8.21	29.68	29.15	2.89	3	110	0.161	SE
C1A	20191028	Cloudy	Moderate	Mid-Ebb	S	1	10:58	6.96	8.21	29.56	28.87	2.84	4	110	0.157	SE
C2A	20191028	Cloudy	Moderate	Mid-Ebb	B	10.9	11:08	7.18	8.14	29.58	29.09	3.72	4	109	0.188	SE
C2A	20191028	Cloudy	Moderate	Mid-Ebb	B	10.9	11:08	7.13	8.04	29.56	29.02	3.32	4	110	0.177	SE
C2A	20191028	Cloudy	Moderate	Mid-Ebb	M	5.95	11:09	7.03	8.23	29.46	29.07	2.87	4	111	0.188	SE

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20191028	Cloudy	Modeerate	Mid-Ebb	M	5.95	11:09	7.07	8.19	29.53	29.01	3.24	4	112	0.139	SE
C2A	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	11:10	6.94	7.96	29.7	29.07	2.99	3	111	0.166	SE
C2A	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	11:10	6.97	8.11	29.35	29	2.8	3	111	0.199	SE
CR1	20191028	Cloudy	Modeerate	Mid-Ebb	B	12.1	11:26	7.04	8.24	29.2	29.1	3.58	2	111	0.198	SE
CR1	20191028	Cloudy	Modeerate	Mid-Ebb	B	12.1	11:26	6.91	8.06	29.58	29.16	3.51	2	110	0.191	E
CR1	20191028	Cloudy	Modeerate	Mid-Ebb	M	6.55	11:27	7.01	7.92	29.7	28.98	3.19	2	111	0.156	SE
CR1	20191028	Cloudy	Modeerate	Mid-Ebb	M	6.55	11:27	6.87	8.01	29.54	28.87	2.93	3	111	0.163	SE
CR1	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	11:28	6.77	8.12	29.21	28.94	2.91	3	111	0.198	SE
CR1	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	11:28	7.03	8	29.6	28.94	2.99	2	110	0.147	SE
CR2	20191028	Cloudy	Modeerate	Mid-Ebb	B	11.1	12:28	7.03	8.1	29.13	29.03	3.78	3	111	0.148	E
CR2	20191028	Cloudy	Modeerate	Mid-Ebb	B	11.1	12:28	6.84	7.97	29.11	28.96	3.39	2	110	0.151	SE
CR2	20191028	Cloudy	Modeerate	Mid-Ebb	M	6.05	12:29	7.02	8.09	29.12	28.87	3.09	2	110	0.209	SE
CR2	20191028	Cloudy	Modeerate	Mid-Ebb	M	6.05	12:29	6.68	8.09	29.52	29.08	3.37	2	111	0.189	E
CR2	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	12:30	6.83	8.23	29.6	28.97	3.31	<2	111	0.182	E
CR2	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	12:30	7.13	8.07	29.1	28.96	3.01	<2	110	0.167	SE
F1A	20191028	Cloudy	Modeerate	Mid-Ebb	B	8	12:55	6.85	7.92	29.64	28.8	3.36	5	111	0.166	SE
F1A	20191028	Cloudy	Modeerate	Mid-Ebb	B	8	12:55	7.09	7.93	29.27	29.09	3.79	6	109	0.176	SE
F1A	20191028	Cloudy	Modeerate	Mid-Ebb	M	4.5	12:56	6.94	8.14	29.61	29.04	2.98	5	111	0.205	SE
F1A	20191028	Cloudy	Modeerate	Mid-Ebb	M	4.5	12:56	6.97	8.14	29.68	29.14	3.17	6	111	0.204	E
F1A	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	12:57	7.19	8.09	29.4	28.83	2.93	4	111	0.136	SE
F1A	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	12:57	6.7	8.09	29.22	29.19	3.07	5	111	0.15	SE
H1	20191028	Cloudy	Modeerate	Mid-Ebb	B	7	11:55	6.9	8	29.65	29.01	3.6	2	111	0.178	E
H1	20191028	Cloudy	Modeerate	Mid-Ebb	B	7	11:55	7.16	8.17	29.59	28.93	3.78	2	110	0.205	E
H1	20191028	Cloudy	Modeerate	Mid-Ebb	M	4	11:56	6.82	7.96	29.43	28.85	3.07	3	111	0.161	SE
H1	20191028	Cloudy	Modeerate	Mid-Ebb	M	4	11:56	7.03	7.97	29.16	28.86	3.14	4	111	0.196	SE
H1	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	11:57	7.06	7.9	29.7	28.92	3.16	3	111	0.166	SE
H1	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	11:57	6.68	8.19	29.14	28.98	2.81	4	111	0.146	SE
M1	20191028	Cloudy	Modeerate	Mid-Ebb	B	8.1	13:29	6.84	7.92	29.62	28.85	3.85	3	111	0.139	SE
M1	20191028	Cloudy	Modeerate	Mid-Ebb	B	8.1	13:29	6.74	8.06	29.55	29.08	3.56	2	112	0.15	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20191028	Cloudy	Modeerate	Mid-Ebb	M	4.55	13:30	6.71	8.23	29.5	28.84	2.75	2	112	0.162	SE
M1	20191028	Cloudy	Modeerate	Mid-Ebb	M	4.55	13:30	6.96	7.97	29.55	28.91	2.74	3	112	0.206	E
M1	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	13:31	6.91	8.18	29.15	28.81	3.2	2	112	0.14	E
M1	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	13:31	6.85	8.19	29.48	28.74	3.04	2	111	0.21	SE
S1	20191028	Cloudy	Modeerate	Mid-Ebb	B	4	11:30	7.05	7.99	29.22	28.81	3.28	4	110	0.185	SE
S1	20191028	Cloudy	Modeerate	Mid-Ebb	B	4	11:30	6.83	8.09	29.34	28.82	3.33	5	110	0.165	SE
S1	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	11:31	6.96	8	29.69	29.05	3.12	4	109	0.148	SE
S1	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	11:31	7.06	8.21	29.45	28.88	2.9	4	110	0.189	SE
S2A	20191028	Cloudy	Modeerate	Mid-Ebb	B	8	12:01	6.85	7.97	29.24	29.17	3.53	2	111	0.171	SE
S2A	20191028	Cloudy	Modeerate	Mid-Ebb	B	8	12:01	7.19	8.12	29.38	29.01	3.75	4	111	0.149	SE
S2A	20191028	Cloudy	Modeerate	Mid-Ebb	M	4.5	12:02	7.15	7.99	29.45	28.87	3.14	4	111	0.163	E
S2A	20191028	Cloudy	Modeerate	Mid-Ebb	M	4.5	12:02	6.71	8.05	29.13	28.91	3.16	3	110	0.183	SE
S2A	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	12:03	7.1	8.12	29.23	28.82	2.78	3	111	0.199	E
S2A	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	12:03	6.69	7.97	29.55	28.8	3.02	3	111	0.195	SE
S3	20191028	Cloudy	Modeerate	Mid-Ebb	B	9.5	12:38	6.85	7.95	29.12	29.17	3.8	2	110	0.203	E
S3	20191028	Cloudy	Modeerate	Mid-Ebb	B	9.5	12:38	6.7	8.03	29.3	28.92	3.49	3	111	0.142	SE
S3	20191028	Cloudy	Modeerate	Mid-Ebb	M	5.25	12:39	6.91	8.22	29.34	29.11	3.39	2	111	0.188	SE
S3	20191028	Cloudy	Modeerate	Mid-Ebb	M	5.25	12:39	7.03	7.91	29.52	29	3.08	2	111	0.204	SE
S3	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	12:40	6.77	8.23	29.26	28.92	3.4	3	110	0.167	SE
S3	20191028	Cloudy	Modeerate	Mid-Ebb	S	1	12:40	6.84	8.18	29.35	28.86	2.92	2	112	0.19	SE
B1	20191028	Cloudy	Modeerate	Mid-Flood	B	4.2	16:19	7.23	8.1	29.55	28.29	3.51	2	111	0.218	W
B1	20191028	Cloudy	Modeerate	Mid-Flood	B	4.2	16:19	6.89	8.04	29.42	28.29	3.55	2	111	0.19	W
B1	20191028	Cloudy	Modeerate	Mid-Flood	S	1	16:20	6.86	8.06	29.44	28.33	2.86	2	112	0.213	NW
B1	20191028	Cloudy	Modeerate	Mid-Flood	S	1	16:20	7.05	8.18	29.5	28.08	3.28	2	110	0.293	W
B2	20191028	Cloudy	Modeerate	Mid-Flood	B	3.7	16:39	7.01	8.08	29.34	28.28	3.87	4	112	0.236	NW
B2	20191028	Cloudy	Modeerate	Mid-Flood	B	3.7	16:39	6.92	8.15	29.8	28.14	3.45	3	110	0.295	W
B2	20191028	Cloudy	Modeerate	Mid-Flood	S	1	16:40	6.91	8.14	29.56	28.22	3.28	3	111	0.204	W
B2	20191028	Cloudy	Modeerate	Mid-Flood	S	1	16:40	7.12	8.04	29.46	28.19	2.85	4	112	0.265	W
B3	20191028	Cloudy	Modeerate	Mid-Flood	B	4	16:30	7.09	8.1	29.4	28.36	3.96	5	111	0.272	W

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 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B3	20191028	Cloudy	Modeerate	Mid-Flood	B	4	16:30	7.14	8.2	29.58	28.21	3.95	4	110	0.257	W
B3	20191028	Cloudy	Modeerate	Mid-Flood	S	1	16:31	7.25	7.87	29.71	28.14	3.47	4	111	0.222	NW
B3	20191028	Cloudy	Modeerate	Mid-Flood	S	1	16:31	7.1	7.99	29.38	28.17	3.31	5	111	0.285	W
B4	20191028	Cloudy	Modeerate	Mid-Flood	B	3.8	16:41	7.01	8.17	29.53	28.33	3.94	3	111	0.302	W
B4	20191028	Cloudy	Modeerate	Mid-Flood	B	3.8	16:41	6.91	7.85	29.4	28.3	3.56	2	111	0.289	NW
B4	20191028	Cloudy	Modeerate	Mid-Flood	S	1	16:42	7.08	7.88	29.73	28.27	3.45	3	111	0.26	W
B4	20191028	Cloudy	Modeerate	Mid-Flood	S	1	16:42	7.07	8.05	29.33	28.15	3.46	4	111	0.192	W
C1A	20191028	Cloudy	Modeerate	Mid-Flood	B	9.4	15:54	7.02	8.14	29.46	28.29	3.54	2	111	0.273	W
C1A	20191028	Cloudy	Modeerate	Mid-Flood	B	9.4	15:54	6.93	8.17	29.79	28.26	3.73	3	112	0.196	NW
C1A	20191028	Cloudy	Modeerate	Mid-Flood	M	5.2	15:55	7.1	7.93	29.38	28.33	3.45	3	111	0.259	W
C1A	20191028	Cloudy	Modeerate	Mid-Flood	M	5.2	15:55	7.11	7.97	29.65	28.09	3.35	2	111	0.302	W
C1A	20191028	Cloudy	Modeerate	Mid-Flood	S	1	15:56	7.12	8.12	29.43	28.25	2.92	2	112	0.23	W
C1A	20191028	Cloudy	Modeerate	Mid-Flood	S	1	15:56	7	8.18	29.65	28.28	3.19	3	111	0.268	W
C2A	20191028	Cloudy	Modeerate	Mid-Flood	B	10.2	15:26	7.09	8.09	29.39	28.47	3.73	3	111	0.24	W
C2A	20191028	Cloudy	Modeerate	Mid-Flood	B	10.2	15:26	7.14	8.21	29.8	28.41	3.9	3	110	0.194	NW
C2A	20191028	Cloudy	Modeerate	Mid-Flood	M	5.6	15:27	7.02	8.1	29.35	28.32	3.53	3	110	0.233	W
C2A	20191028	Cloudy	Modeerate	Mid-Flood	M	5.6	15:27	7.14	8.08	29.81	28.52	3.33	4	111	0.224	W
C2A	20191028	Cloudy	Modeerate	Mid-Flood	S	1	15:28	7.11	8.13	29.32	28.45	3.42	3	111	0.243	NW
C2A	20191028	Cloudy	Modeerate	Mid-Flood	S	1	15:28	6.96	7.87	29.8	28.33	3.1	4	111	0.308	W
CR1	20191028	Cloudy	Modeerate	Mid-Flood	B	11.1	15:44	7.11	8.03	29.4	28.36	3.47	3	111	0.246	W
CR1	20191028	Cloudy	Modeerate	Mid-Flood	B	11.1	15:44	7.11	8.1	29.82	28.18	3.67	4	111	0.206	W
CR1	20191028	Cloudy	Modeerate	Mid-Flood	M	6.05	15:45	6.85	7.92	29.58	28.48	3.58	3	110	0.31	W
CR1	20191028	Cloudy	Modeerate	Mid-Flood	M	6.05	15:45	7.01	8.11	29.64	28.45	3.43	4	111	0.246	W
CR1	20191028	Cloudy	Modeerate	Mid-Flood	S	1	15:46	7.06	7.96	29.52	28.33	3.31	2	111	0.307	W
CR1	20191028	Cloudy	Modeerate	Mid-Flood	S	1	15:46	6.87	8.11	29.34	28.49	3.12	3	111	0.194	W
CR2	20191028	Cloudy	Modeerate	Mid-Flood	B	10.3	17:27	7.08	8.07	29.36	28.06	3.5	5	111	0.217	W
CR2	20191028	Cloudy	Modeerate	Mid-Flood	B	10.3	17:27	6.85	8.08	29.61	28.19	3.46	4	111	0.276	W
CR2	20191028	Cloudy	Modeerate	Mid-Flood	M	5.65	17:28	7.14	8.21	29.46	28.15	3.48	3	111	0.268	NW
CR2	20191028	Cloudy	Modeerate	Mid-Flood	M	5.65	17:28	6.88	7.97	29.74	28.26	3.46	2	110	0.268	W

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20191028	Cloudy	Modeerate	Mid-Flood	S	1	17:29	7.24	8.13	29.46	28.11	3.02	2	110	0.273	W
CR2	20191028	Cloudy	Modeerate	Mid-Flood	S	1	17:29	7.25	7.99	29.83	28.24	3.49	2	111	0.219	W
F1A	20191028	Cloudy	Modeerate	Mid-Flood	B	7.3	17:12	6.89	8.02	29.71	28.37	3.8	3	111	0.208	W
F1A	20191028	Cloudy	Modeerate	Mid-Flood	B	7.3	17:12	7.02	8.06	29.59	28.2	3.61	4	112	0.305	NW
F1A	20191028	Cloudy	Modeerate	Mid-Flood	M	4.15	17:13	7.12	8.16	29.32	28.11	3.57	3	111	0.288	NW
F1A	20191028	Cloudy	Modeerate	Mid-Flood	M	4.15	17:13	6.99	8.13	29.35	28.32	3.5	4	111	0.313	W
F1A	20191028	Cloudy	Modeerate	Mid-Flood	S	1	17:14	6.91	8.13	29.66	28.05	3.23	3	110	0.206	W
F1A	20191028	Cloudy	Modeerate	Mid-Flood	S	1	17:14	7.05	7.94	29.68	28.12	2.85	3	110	0.306	W
H1	20191028	Cloudy	Modeerate	Mid-Flood	B	7.1	16:09	7.06	7.91	29.53	28.06	3.6	3	111	0.201	W
H1	20191028	Cloudy	Modeerate	Mid-Flood	B	7.1	16:09	7.27	7.93	29.85	28.1	3.76	4	111	0.223	W
H1	20191028	Cloudy	Modeerate	Mid-Flood	M	4.05	16:10	7.25	8.11	29.36	28.36	3.57	2	112	0.267	W
H1	20191028	Cloudy	Modeerate	Mid-Flood	M	4.05	16:10	7.07	7.94	29.47	28.27	3.53	2	111	0.303	W
H1	20191028	Cloudy	Modeerate	Mid-Flood	S	1	16:11	6.94	8.01	29.71	28.38	2.94	2	111	0.277	W
H1	20191028	Cloudy	Modeerate	Mid-Flood	S	1	16:11	7	7.93	29.58	28.16	2.98	2	110	0.261	W
M1	20191028	Cloudy	Modeerate	Mid-Flood	B	7.4	17:49	7.23	8.05	29.84	28.35	3.74	3	110	0.309	W
M1	20191028	Cloudy	Modeerate	Mid-Flood	B	7.4	17:49	7.21	8.17	29.71	28.27	3.65	2	111	0.277	W
M1	20191028	Cloudy	Modeerate	Mid-Flood	M	4.2	17:50	6.99	8.05	29.54	28.12	3.12	3	110	0.213	W
M1	20191028	Cloudy	Modeerate	Mid-Flood	M	4.2	17:50	7.12	8.02	29.54	28.28	3.54	3	111	0.201	W
M1	20191028	Cloudy	Modeerate	Mid-Flood	S	1	17:51	6.88	8.1	29.8	28.28	3.38	4	110	0.298	W
M1	20191028	Cloudy	Modeerate	Mid-Flood	S	1	17:51	6.86	8.23	29.76	28.14	2.89	3	111	0.193	W
S1	20191028	Cloudy	Modeerate	Mid-Flood	B	4.1	16:29	7.21	8.06	29.38	28.36	3.57	2	111	0.225	NW
S1	20191028	Cloudy	Modeerate	Mid-Flood	B	4.1	16:29	7.15	8.13	29.47	28.08	3.82	3	111	0.251	W
S1	20191028	Cloudy	Modeerate	Mid-Flood	S	1	16:30	7.25	7.85	29.76	28.35	3.02	3	110	0.224	W
S1	20191028	Cloudy	Modeerate	Mid-Flood	S	1	16:30	7.2	8.2	29.83	28.32	3.1	2	112	0.246	W
S2A	20191028	Cloudy	Modeerate	Mid-Flood	B	8.2	17:00	6.87	8.09	29.51	28.33	3.54	3	110	0.283	W
S2A	20191028	Cloudy	Modeerate	Mid-Flood	B	8.2	17:00	6.92	8.21	29.83	28.07	3.81	3	111	0.275	W
S2A	20191028	Cloudy	Modeerate	Mid-Flood	M	4.6	17:01	7	7.99	29.32	28.34	3.6	2	111	0.199	W
S2A	20191028	Cloudy	Modeerate	Mid-Flood	M	4.6	17:01	6.89	7.89	29.41	28.14	3.29	3	111	0.235	W
S2A	20191028	Cloudy	Modeerate	Mid-Flood	S	1	17:02	6.89	8.11	29.8	28.35	3.36	3	110	0.261	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20191028	Cloudy	Moderate	Mid-Flood	S	1	17:02	7.23	8.22	29.53	28.06	3.18	2	111	0.189	NW
S3	20191028	Cloudy	Moderate	Mid-Flood	B	9.1	17:37	6.89	8.13	29.41	28.22	4.04	3	111	0.278	W
S3	20191028	Cloudy	Moderate	Mid-Flood	B	9.1	17:37	7.05	8.06	29.77	28.08	4.16	4	111	0.213	W
S3	20191028	Cloudy	Moderate	Mid-Flood	M	5.05	17:38	7.12	7.86	29.66	28.27	3.32	3	110	0.205	W
S3	20191028	Cloudy	Moderate	Mid-Flood	M	5.05	17:38	7.02	8.01	29.79	28.09	3.44	3	110	0.254	W
S3	20191028	Cloudy	Moderate	Mid-Flood	S	1	17:39	7	8.03	29.77	28.12	3.45	4	111	0.284	W
S3	20191028	Cloudy	Moderate	Mid-Flood	S	1	17:39	7.21	7.99	29.54	28.2	3.52	3	111	0.244	NW
B1	20191030	Cloudy	Moderate	Mid-Flood	B	3.6	09:04	7.1	8.29	30.14	27.39	3.73	11	113	0.256	W
B1	20191030	Cloudy	Moderate	Mid-Flood	B	3.6	09:04	7.11	8.17	30.13	27.64	3.62	11	112	0.151	W
B1	20191030	Cloudy	Moderate	Mid-Flood	S	1	09:05	6.87	8.27	30.15	27.68	2.95	10	112	0.187	W
B1	20191030	Cloudy	Moderate	Mid-Flood	S	1	09:05	6.93	8.26	30.29	27.46	2.97	10	113	0.159	NW
B2	20191030	Cloudy	Moderate	Mid-Flood	B	4	09:24	6.84	8.12	30.61	27.66	3.73	12	113	0.284	W
B2	20191030	Cloudy	Moderate	Mid-Flood	B	4	09:24	6.99	8.25	30.44	27.39	3.64	13	113	0.197	W
B2	20191030	Cloudy	Moderate	Mid-Flood	S	1	09:25	6.86	8.04	30.34	27.57	3	10	112	0.267	NW
B2	20191030	Cloudy	Moderate	Mid-Flood	S	1	09:25	7.08	8.29	30.25	27.65	3.25	10	112	0.217	W
B3	20191030	Cloudy	Moderate	Mid-Flood	B	3.3	10:09	7.01	8.2	30.26	27.36	4.1	12	113	0.253	W
B3	20191030	Cloudy	Moderate	Mid-Flood	B	3.3	10:09	6.96	8.06	30.27	27.73	4.08	12	113	0.26	W
B3	20191030	Cloudy	Moderate	Mid-Flood	S	1	10:10	6.72	8.09	30.47	27.39	3.38	11	113	0.306	NW
B3	20191030	Cloudy	Moderate	Mid-Flood	S	1	10:10	6.67	8.24	30.38	27.74	2.96	11	113	0.212	W
B4	20191030	Cloudy	Moderate	Mid-Flood	B	3.5	10:20	7.05	8.25	30.42	27.58	3.9	12	113	0.223	NW
B4	20191030	Cloudy	Moderate	Mid-Flood	B	3.5	10:20	7.03	8.21	30.33	27.63	3.78	13	113	0.222	W
B4	20191030	Cloudy	Moderate	Mid-Flood	S	1	10:21	6.8	8.12	30.44	27.3	2.94	13	113	0.303	W
B4	20191030	Cloudy	Moderate	Mid-Flood	S	1	10:21	6.88	8.13	30.19	27.48	3.05	12	113	0.317	NW
C1A	20191030	Cloudy	Moderate	Mid-Flood	B	10.6	08:39	6.69	8.29	30.51	27.51	3.59	12	113	0.284	W
C1A	20191030	Cloudy	Moderate	Mid-Flood	B	10.6	08:39	6.89	8.2	30.42	27.66	3.73	10	112	0.307	W
C1A	20191030	Cloudy	Moderate	Mid-Flood	M	5.8	08:40	6.83	8.14	30.48	27.41	3.09	11	113	0.279	NW
C1A	20191030	Cloudy	Moderate	Mid-Flood	M	5.8	08:40	6.99	8.19	30.33	27.4	3.04	10	113	0.29	NW
C1A	20191030	Cloudy	Moderate	Mid-Flood	S	1	08:41	7.2	8.15	30.47	27.65	3.25	11	114	0.184	W
C1A	20191030	Cloudy	Moderate	Mid-Flood	S	1	08:41	6.99	8.07	30.55	27.6	3.24	10	113	0.184	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20191030	Cloudy	Moderate	Mid-Flood	B	10.8	08:02	7.21	8.15	30.18	27.63	3.8	10	114	0.19	W
C2A	20191030	Cloudy	Moderate	Mid-Flood	B	10.8	08:02	6.89	8.12	30.49	27.62	3.68	11	113	0.299	NW
C2A	20191030	Cloudy	Moderate	Mid-Flood	M	5.9	08:03	7.1	8.27	30.49	27.4	3.19	10	113	0.216	W
C2A	20191030	Cloudy	Moderate	Mid-Flood	M	5.9	08:03	7.02	8.29	30.17	27.73	3.03	10	113	0.235	W
C2A	20191030	Cloudy	Moderate	Mid-Flood	S	1	08:04	6.96	8.04	30.57	27.77	3.28	8	113	0.171	W
C2A	20191030	Cloudy	Moderate	Mid-Flood	S	1	08:04	6.81	8.12	30.19	27.26	2.93	9	114	0.273	NW
CR1	20191030	Cloudy	Moderate	Mid-Flood	B	11.6	08:20	6.87	8.26	30.17	27.47	3.45	16	113	0.231	W
CR1	20191030	Cloudy	Moderate	Mid-Flood	B	11.6	08:20	6.66	8.24	30.18	27.67	3.77	17	113	0.297	W
CR1	20191030	Cloudy	Moderate	Mid-Flood	M	6.3	08:21	7	8.23	30.61	27.76	3.55	13	113	0.249	W
CR1	20191030	Cloudy	Moderate	Mid-Flood	M	6.3	08:21	7.03	8.04	30.19	27.43	3.16	13	113	0.226	NW
CR1	20191030	Cloudy	Moderate	Mid-Flood	S	1	08:22	6.98	8.2	30.54	27.32	3.16	12	114	0.306	W
CR1	20191030	Cloudy	Moderate	Mid-Flood	S	1	08:22	7.1	8.11	30.21	27.58	3.31	12	113	0.307	NW
CR2	20191030	Cloudy	Moderate	Mid-Flood	B	10	08:51	6.76	8.2	30.19	27.37	3.53	16	113	0.22	NW
CR2	20191030	Cloudy	Moderate	Mid-Flood	B	10	08:51	7.01	8.27	30.29	27.33	3.72	16	113	0.222	W
CR2	20191030	Cloudy	Moderate	Mid-Flood	M	5.5	08:52	6.94	8.16	30.37	27.32	3.59	16	113	0.302	W
CR2	20191030	Cloudy	Moderate	Mid-Flood	M	5.5	08:52	6.93	8.03	30.13	27.62	3.56	17	112	0.145	W
CR2	20191030	Cloudy	Moderate	Mid-Flood	S	1	08:53	7.1	8.27	30.22	27.66	3.45	19	113	0.165	W
CR2	20191030	Cloudy	Moderate	Mid-Flood	S	1	08:53	6.73	8.26	30.44	27.3	3.16	18	112	0.177	W
F1A	20191030	Cloudy	Moderate	Mid-Flood	B	6.7	10:05	6.91	8.12	30.41	27.8	3.7	8	113	0.183	W
F1A	20191030	Cloudy	Moderate	Mid-Flood	B	6.7	10:05	6.9	8.1	30.39	27.45	3.66	8	112	0.206	W
F1A	20191030	Cloudy	Moderate	Mid-Flood	M	3.85	10:06	7.18	8.11	30.59	27.79	3.04	7	113	0.171	W
F1A	20191030	Cloudy	Moderate	Mid-Flood	M	3.85	10:06	7.05	8.22	30.16	27.68	3.15	8	113	0.207	W
F1A	20191030	Cloudy	Moderate	Mid-Flood	S	1	10:07	6.67	8.28	30.63	27.56	3.37	7	114	0.16	NW
F1A	20191030	Cloudy	Moderate	Mid-Flood	S	1	10:07	7.08	8.07	30.2	27.42	2.96	6	113	0.256	W
H1	20191030	Cloudy	Moderate	Mid-Flood	B	7.6	09:10	6.87	8.25	30.61	27.37	3.83	12	114	0.164	W
H1	20191030	Cloudy	Moderate	Mid-Flood	B	7.6	09:10	7.13	8.17	30.49	27.78	3.65	14	113	0.222	W
H1	20191030	Cloudy	Moderate	Mid-Flood	M	4.3	09:11	6.94	8.23	30.59	27.68	3.19	12	114	0.25	W
H1	20191030	Cloudy	Moderate	Mid-Flood	M	4.3	09:11	6.91	8.03	30.13	27.33	3.3	12	113	0.282	NW
H1	20191030	Cloudy	Moderate	Mid-Flood	S	1	09:12	6.85	8.13	30.56	27.29	3.36	11	114	0.234	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20191030	Cloudy	Moderate	Mid-Flood	S	1	09:12	6.9	8.28	30.28	27.64	3.13	12	113	0.316	W
M1	20191030	Cloudy	Moderate	Mid-Flood	B	6.8	10:48	7.03	8.08	30.38	27.57	3.85	14	113	0.163	W
M1	20191030	Cloudy	Moderate	Mid-Flood	B	6.8	10:48	6.73	8.21	30.45	27.41	3.6	13	113	0.3	W
M1	20191030	Cloudy	Moderate	Mid-Flood	M	3.9	10:49	6.94	8.04	30.39	27.76	3.46	15	113	0.287	W
M1	20191030	Cloudy	Moderate	Mid-Flood	M	3.9	10:49	6.82	8.28	30.5	27.27	3.19	16	113	0.282	W
M1	20191030	Cloudy	Moderate	Mid-Flood	S	1	10:50	6.79	8.17	30.63	27.32	2.83	19	113	0.27	NW
M1	20191030	Cloudy	Moderate	Mid-Flood	S	1	10:50	7.18	8.02	30.14	27.62	3.05	18	113	0.269	W
S1	20191030	Cloudy	Moderate	Mid-Flood	B	4.1	09:14	6.7	8.12	30.41	27.35	3.41	12	113	0.284	W
S1	20191030	Cloudy	Moderate	Mid-Flood	B	4.1	09:14	7.12	8.03	30.32	27.39	3.52	13	113	0.321	NW
S1	20191030	Cloudy	Moderate	Mid-Flood	S	1	09:15	7.21	8.28	30.61	27.51	2.9	7	114	0.216	W
S1	20191030	Cloudy	Moderate	Mid-Flood	S	1	09:15	7.01	8.08	30.6	27.78	3.02	7	112	0.293	NW
S2A	20191030	Cloudy	Moderate	Mid-Flood	B	8.2	09:44	7.09	8.18	30.12	27.68	3.73	19	113	0.283	W
S2A	20191030	Cloudy	Moderate	Mid-Flood	B	8.2	09:44	6.92	8.07	30.44	27.6	3.42	20	113	0.237	W
S2A	20191030	Cloudy	Moderate	Mid-Flood	M	4.6	09:45	7.17	8.06	30.61	27.31	3.33	18	113	0.143	W
S2A	20191030	Cloudy	Moderate	Mid-Flood	M	4.6	09:45	7.16	8.23	30.25	27.38	3.23	19	112	0.208	NW
S2A	20191030	Cloudy	Moderate	Mid-Flood	S	1	09:46	7.01	8.2	30.54	27.37	3.21	17	114	0.311	W
S2A	20191030	Cloudy	Moderate	Mid-Flood	S	1	09:46	6.9	8.13	30.4	27.53	3.33	17	114	0.242	W
S3	20191030	Cloudy	Moderate	Mid-Flood	B	8.1	08:40	7.04	8.18	30.43	27.49	3.74	11	112	0.168	W
S3	20191030	Cloudy	Moderate	Mid-Flood	B	8.1	08:40	6.96	8.14	30.44	27.73	3.99	12	112	0.271	W
S3	20191030	Cloudy	Moderate	Mid-Flood	M	4.55	08:41	7	8.1	30.33	27.31	3.59	12	113	0.322	NW
S3	20191030	Cloudy	Moderate	Mid-Flood	M	4.55	08:41	6.82	8.03	30.47	27.74	3.21	12	113	0.288	NW
S3	20191030	Cloudy	Moderate	Mid-Flood	S	1	08:42	7.16	8.23	30.27	27.49	3.37	11	112	0.209	W
S3	20191030	Cloudy	Moderate	Mid-Flood	S	1	08:42	7.19	8.04	30.16	27.52	3.24	12	112	0.286	W
B1	20191030	Cloudy	Moderate	Mid-Ebb	B	3.5	13:05	6.62	8.18	29.73	27.53	3.81	12	112	0.165	SE
B1	20191030	Cloudy	Moderate	Mid-Ebb	B	3.5	13:05	7.17	8.19	30.19	27.52	3.76	10	112	0.238	E
B1	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:06	6.75	8.24	29.61	27.21	3.06	12	113	0.116	E
B1	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:06	6.98	8.26	29.86	27.5	3.32	11	112	0.277	SE
B2	20191030	Cloudy	Moderate	Mid-Ebb	B	4.3	13:25	6.75	8.16	29.99	27.53	3.44	11	114	0.216	E
B2	20191030	Cloudy	Moderate	Mid-Ebb	B	4.3	13:25	6.7	8.09	29.64	27.26	3.79	11	111	0.118	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:26	6.46	8.23	29.64	27.17	3.14	9	113	0.165	SE
B2	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:26	6.74	8.13	30	27.44	3.29	10	113	0.202	E
B3	20191030	Cloudy	Moderate	Mid-Ebb	B	3.8	14:08	6.6	8.24	29.95	27.3	3.77	13	110	0.241	SE
B3	20191030	Cloudy	Moderate	Mid-Ebb	B	3.8	14:08	6.97	8.14	30.17	27.39	3.49	13	110	0.148	SE
B3	20191030	Cloudy	Moderate	Mid-Ebb	S	1	14:09	6.93	8.19	29.63	27.58	3.38	13	111	0.163	SE
B3	20191030	Cloudy	Moderate	Mid-Ebb	S	1	14:09	7.17	8.08	30.15	27.18	2.96	12	109	0.267	SE
B4	20191030	Cloudy	Moderate	Mid-Ebb	B	3.8	14:21	7.08	8.09	30.1	27.11	4	10	110	0.157	E
B4	20191030	Cloudy	Moderate	Mid-Ebb	B	3.8	14:21	6.83	8.23	30.09	27.22	3.6	10	111	0.14	SE
B4	20191030	Cloudy	Moderate	Mid-Ebb	S	1	14:22	7.19	8.22	30.09	27.13	3.02	7	110	0.197	E
B4	20191030	Cloudy	Moderate	Mid-Ebb	S	1	14:22	6.86	8.27	29.79	27.27	2.94	8	111	0.136	SE
C1A	20191030	Cloudy	Moderate	Mid-Ebb	B	9	12:40	6.7	8.22	30.09	27.79	3.58	12	111	0.152	SE
C1A	20191030	Cloudy	Moderate	Mid-Ebb	B	9	12:40	6.48	8.23	30.04	27.14	3.77	14	111	0.227	SE
C1A	20191030	Cloudy	Moderate	Mid-Ebb	M	5	12:41	7.07	8.16	30.11	27.2	2.9	14	111	0.19	SE
C1A	20191030	Cloudy	Moderate	Mid-Ebb	M	5	12:41	6.5	8.16	29.88	27.38	3.25	12	110	0.143	SE
C1A	20191030	Cloudy	Moderate	Mid-Ebb	S	1	12:42	7.13	8.16	29.67	27.65	3.19	12	110	0.185	SE
C1A	20191030	Cloudy	Moderate	Mid-Ebb	S	1	12:42	6.94	8.17	29.82	27.5	3.27	13	110	0.166	SE
C2A	20191030	Cloudy	Moderate	Mid-Ebb	B	11.1	12:48	6.8	8.24	29.88	27.16	3.46	11	111	0.187	SE
C2A	20191030	Cloudy	Moderate	Mid-Ebb	B	11.1	12:48	7.06	8.07	29.77	27.3	3.56	10	111	0.223	SE
C2A	20191030	Cloudy	Moderate	Mid-Ebb	M	6.05	12:49	6.55	8.2	29.78	27.75	3.3	8	110	0.156	SE
C2A	20191030	Cloudy	Moderate	Mid-Ebb	M	6.05	12:49	6.86	8.18	30.08	27.64	2.91	9	110	0.227	SE
C2A	20191030	Cloudy	Moderate	Mid-Ebb	S	1	12:50	6.73	8.24	29.68	27.23	3.11	8	110	0.186	SE
C2A	20191030	Cloudy	Moderate	Mid-Ebb	S	1	12:50	6.42	8.18	30.03	27.35	3.1	7	110	0.188	E
F1A	20191030	Cloudy	Moderate	Mid-Ebb	B	6.9	14:57	6.91	8.12	29.97	27.43	3.7	10	112	0.2	SE
F1A	20191030	Cloudy	Moderate	Mid-Ebb	B	6.9	14:57	6.65	8.11	29.63	27.52	3.81	10	113	0.124	SE
F1A	20191030	Cloudy	Moderate	Mid-Ebb	M	3.95	14:58	6.71	8.19	30.15	27.59	2.89	9	110	0.129	SE
F1A	20191030	Cloudy	Moderate	Mid-Ebb	M	3.95	14:58	6.71	8.25	29.78	27.68	3.37	8	112	0.218	E
F1A	20191030	Cloudy	Moderate	Mid-Ebb	S	1	14:59	6.66	8.24	29.78	27.72	3.12	8	110	0.161	SE
F1A	20191030	Cloudy	Moderate	Mid-Ebb	S	1	14:59	6.69	8.17	29.73	27.14	3.17	9	112	0.191	E
H1	20191030	Cloudy	Moderate	Mid-Ebb	B	7.9	14:04	6.46	8.25	29.79	27.54	3.69	14	111	0.195	E

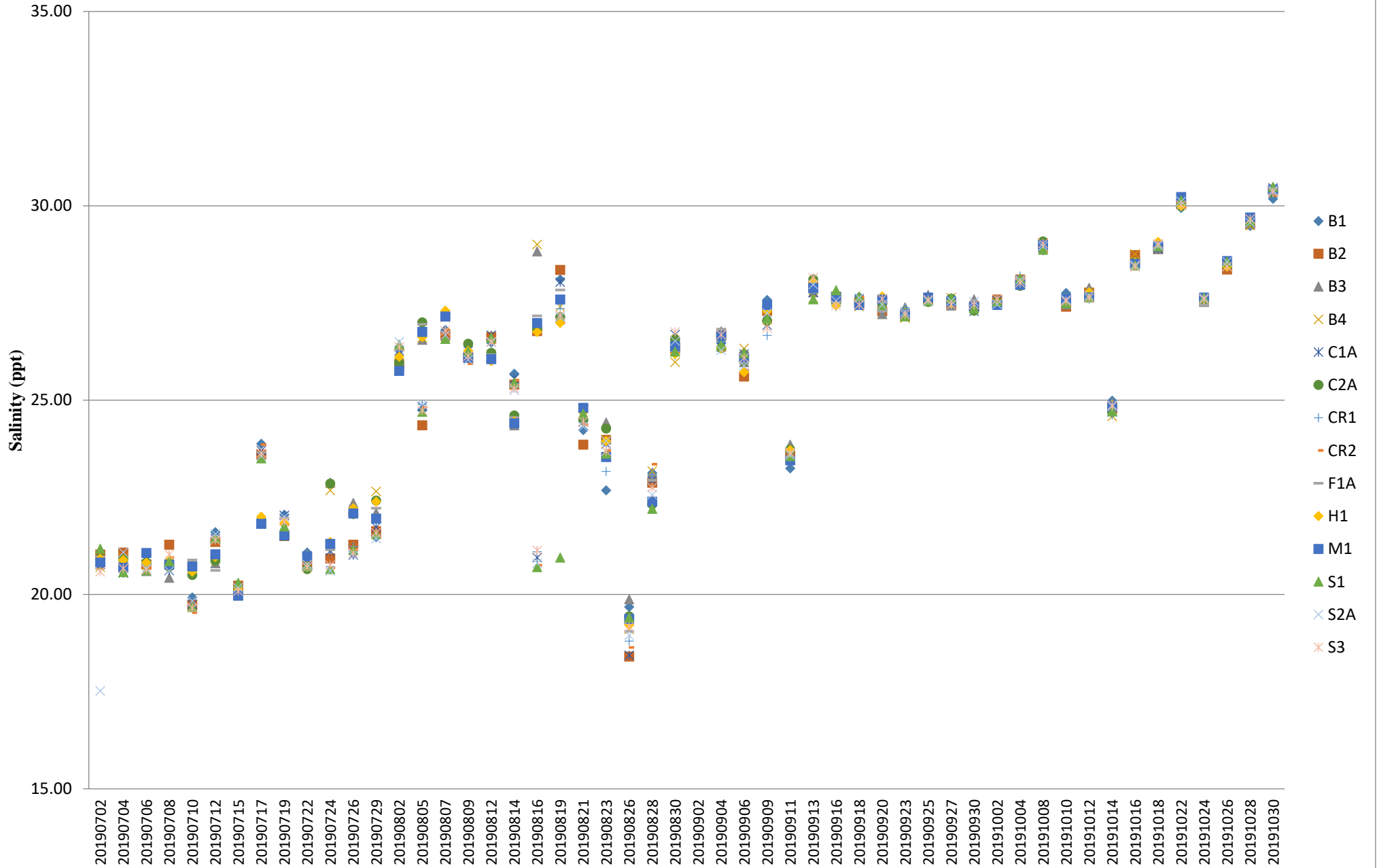
Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20191030	Cloudy	Moderate	Mid-Ebb	B	7.9	14:04	6.87	8.18	29.82	27.23	3.61	14	111	0.142	SE
H1	20191030	Cloudy	Moderate	Mid-Ebb	M	4.45	14:05	6.88	8.2	30.03	27.2	3	12	111	0.245	SE
H1	20191030	Cloudy	Moderate	Mid-Ebb	M	4.45	14:05	7.19	8.1	30.1	27.63	3.2	13	111	0.128	SE
H1	20191030	Cloudy	Moderate	Mid-Ebb	S	1	14:06	7.09	8.27	30.24	27.17	2.87	13	111	0.224	E
H1	20191030	Cloudy	Moderate	Mid-Ebb	S	1	14:06	6.93	8.14	29.6	27.41	2.84	12	111	0.273	E
M1	20191030	Cloudy	Moderate	Mid-Ebb	B	7.7	14:52	6.9	8.16	29.78	27.4	3.76	7	113	0.171	SE
M1	20191030	Cloudy	Moderate	Mid-Ebb	B	7.7	14:52	6.47	8.2	30.23	27.57	3.36	8	113	0.177	E
M1	20191030	Cloudy	Moderate	Mid-Ebb	M	4.35	14:53	6.76	8.19	29.93	27.5	3.23	6	113	0.244	SE
M1	20191030	Cloudy	Moderate	Mid-Ebb	M	4.35	14:53	6.85	8.06	29.91	27.18	3.37	7	113	0.178	SE
M1	20191030	Cloudy	Moderate	Mid-Ebb	S	1	14:54	6.84	8.22	30.14	27.51	3.13	7	114	0.174	SE
M1	20191030	Cloudy	Moderate	Mid-Ebb	S	1	14:54	7.09	8.24	30.11	27.2	2.91	7	113	0.249	SE
CR1	20191030	Cloudy	Moderate	Mid-Ebb	B	11.3	13:08	6.95	8.24	30.02	27.31	3.98	10	113	0.233	SE
CR1	20191030	Cloudy	Moderate	Mid-Ebb	B	11.3	13:08	6.48	8.22	30.03	27.56	3.95	9	113	0.238	E
CR1	20191030	Cloudy	Moderate	Mid-Ebb	M	6.15	13:09	6.97	8.15	29.95	27.21	3.45	10	114	0.157	E
CR1	20191030	Cloudy	Moderate	Mid-Ebb	M	6.15	13:09	7.02	8.14	29.8	27.39	3.14	10	113	0.187	E
CR1	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:10	7.04	8.26	30.06	27.21	3.33	9	113	0.229	E
CR1	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:10	6.65	8.12	29.82	27.11	3	9	113	0.144	SE
CR2	20191030	Cloudy	Moderate	Mid-Ebb	B	10.5	13:43	6.51	8.28	29.98	27.52	4.04	7	113	0.216	E
CR2	20191030	Cloudy	Moderate	Mid-Ebb	B	10.5	13:43	6.57	8.19	29.98	27.1	3.72	8	113	0.213	E
CR2	20191030	Cloudy	Moderate	Mid-Ebb	M	5.75	13:44	6.91	8.13	30.19	27.6	3.27	8	114	0.268	SE
CR2	20191030	Cloudy	Moderate	Mid-Ebb	M	5.75	13:44	6.47	8.22	29.95	27.79	3.07	7	113	0.182	SE
CR2	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:45	6.6	8.28	29.69	27.54	2.98	8	113	0.141	E
CR2	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:45	6.96	8.06	30.14	27.14	3.33	8	113	0.163	E
S1	20191030	Cloudy	Moderate	Mid-Ebb	B	4.3	13:15	6.43	8.06	30.23	27.26	3.9	13	113	0.189	SE
S1	20191030	Cloudy	Moderate	Mid-Ebb	B	4.3	13:15	7.05	8.25	29.83	27.31	3.78	11	112	0.213	SE
S1	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:16	6.95	8.13	29.86	27.71	3.09	9	113	0.271	SE
S1	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:16	6.62	8.09	29.6	27.56	3.01	8	113	0.24	SE
S2A	20191030	Cloudy	Moderate	Mid-Ebb	B	7.7	13:45	6.69	8.06	29.97	27.42	3.86	10	113	0.198	SE
S2A	20191030	Cloudy	Moderate	Mid-Ebb	B	7.7	13:45	7.03	8.16	30.13	27.65	3.95	9	113	0.203	SE

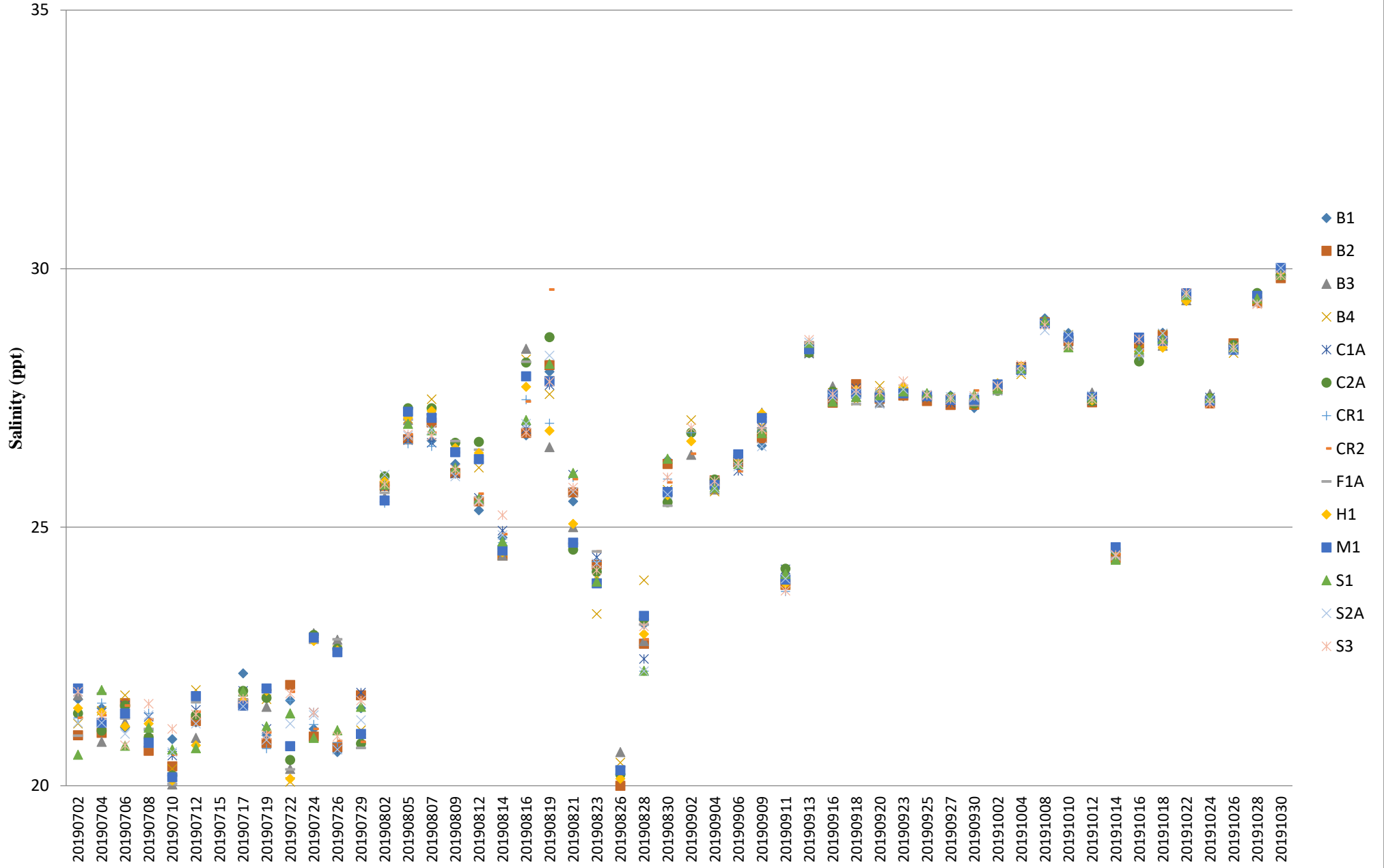
Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20191030	Cloudy	Moderate	Mid-Ebb	M	4.35	13:46	6.42	8.11	29.92	27.27	3	10	113	0.173	E
S2A	20191030	Cloudy	Moderate	Mid-Ebb	M	4.35	13:46	6.47	8.22	29.99	27.73	2.88	11	113	0.241	E
S2A	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:47	7.17	8.26	30.05	27.21	2.87	10	114	0.25	SE
S2A	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:47	6.95	8.09	30.04	27.26	3.24	10	113	0.265	SE
S3	20191030	Cloudy	Moderate	Mid-Ebb	B	9.4	13:30	7.14	8.13	29.64	27.43	4.08	9	113	0.251	SE
S3	20191030	Cloudy	Moderate	Mid-Ebb	B	9.4	13:30	6.63	8.09	29.97	27.68	3.92	8	113	0.237	SE
S3	20191030	Cloudy	Moderate	Mid-Ebb	M	5.2	13:31	6.63	8.12	30.01	27.44	3.19	7	113	0.222	SE
S3	20191030	Cloudy	Moderate	Mid-Ebb	M	5.2	13:31	6.51	8.06	29.87	27.39	3.22	6	113	0.145	E
S3	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:32	6.93	8.08	29.83	27.28	3.09	7	113	0.12	SE
S3	20191030	Cloudy	Moderate	Mid-Ebb	S	1	13:32	6.9	8.22	29.9	27.73	3.4	6	113	0.186	E
Remarks:																
Note 1: S - Surface		M - Middle		B - Bottom												
Note 2: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.																

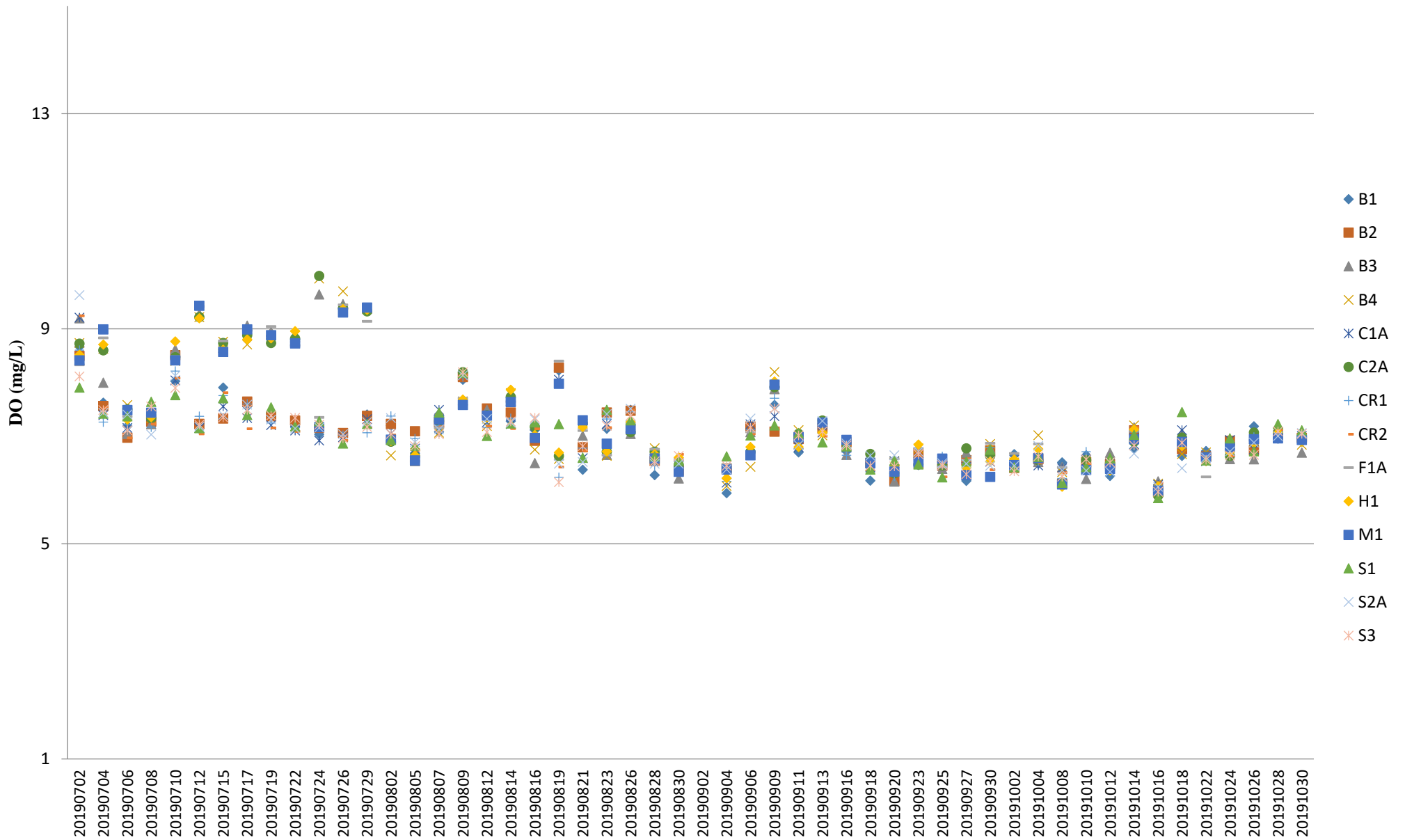
Salinity (Depth-averaged) during MID-FLOOD



Salinity (Depth-averaged) during MID-EBB

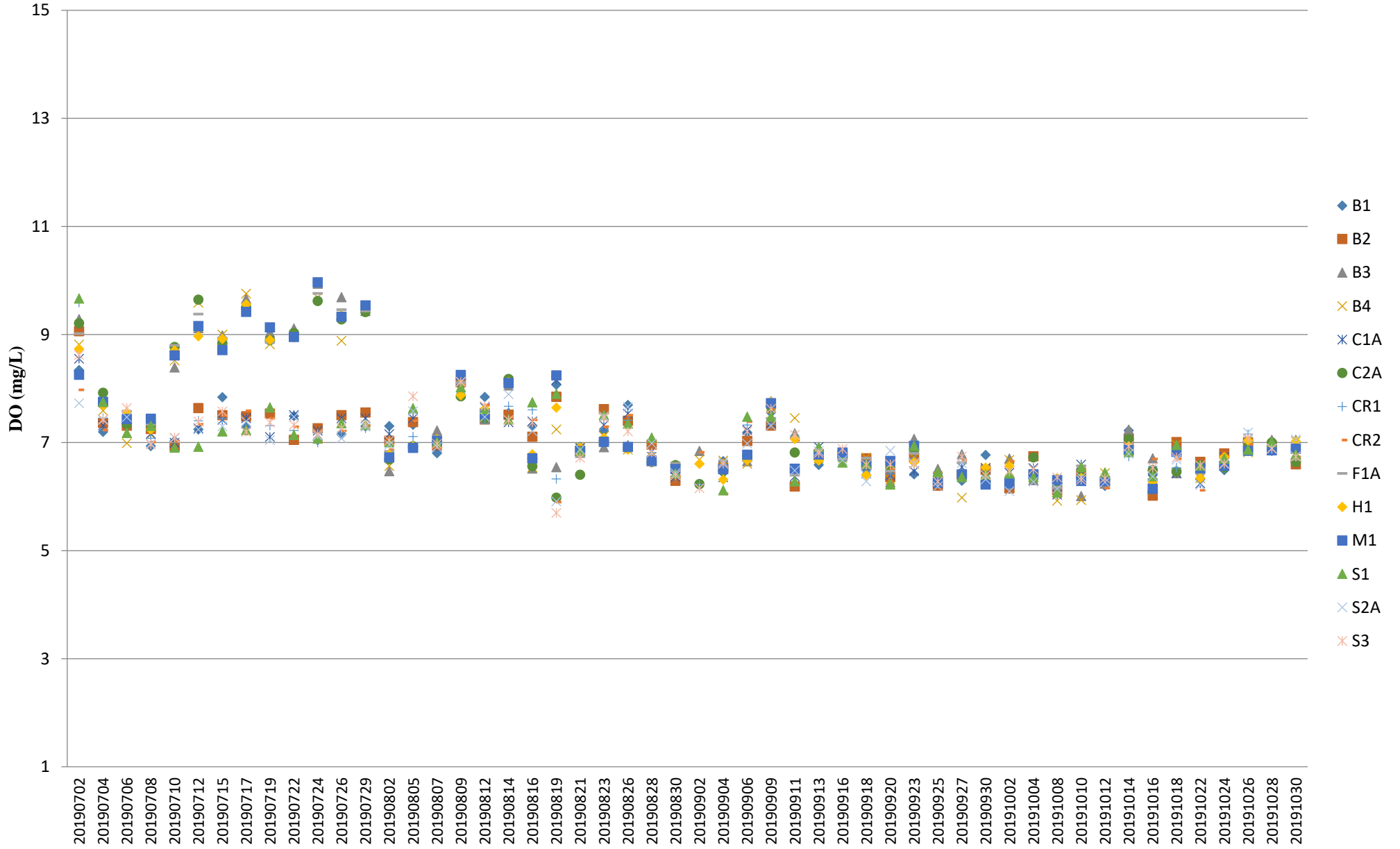


Dissolved Oxygen (Surface & Middle) during MID-FLOOD



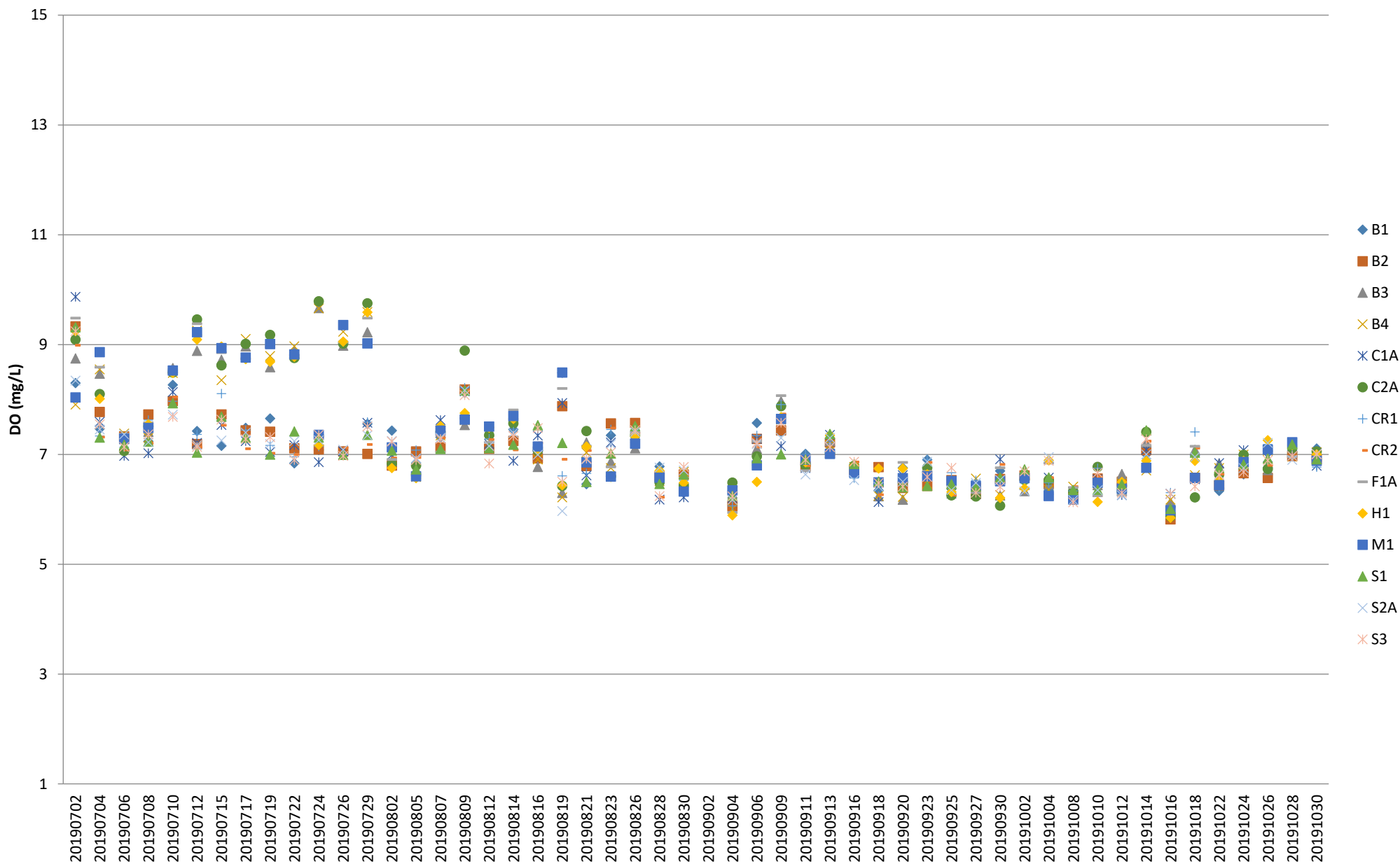
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Dissolved Oxygen (Surface & Middle) during MID-EBB



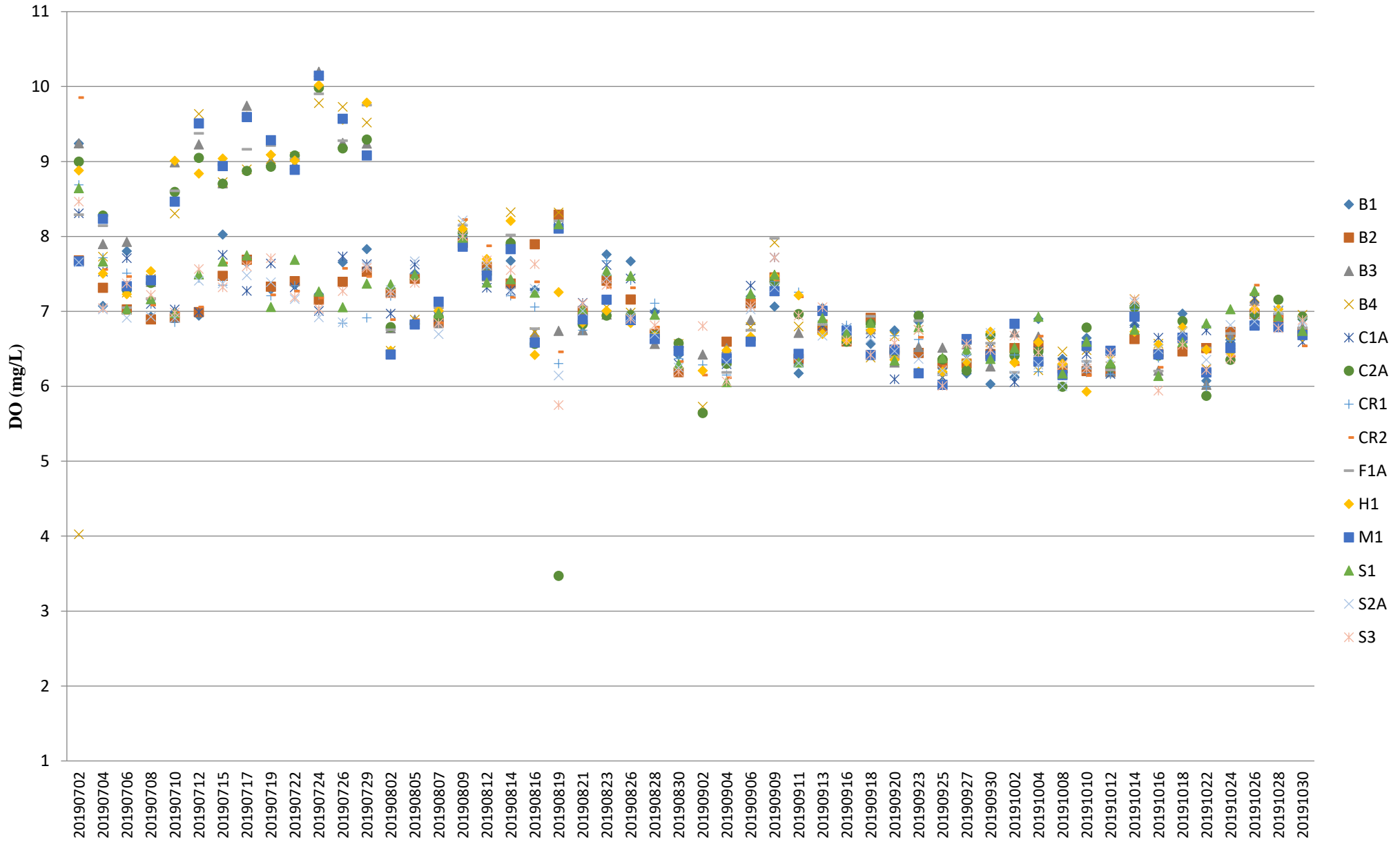
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-FLOOD



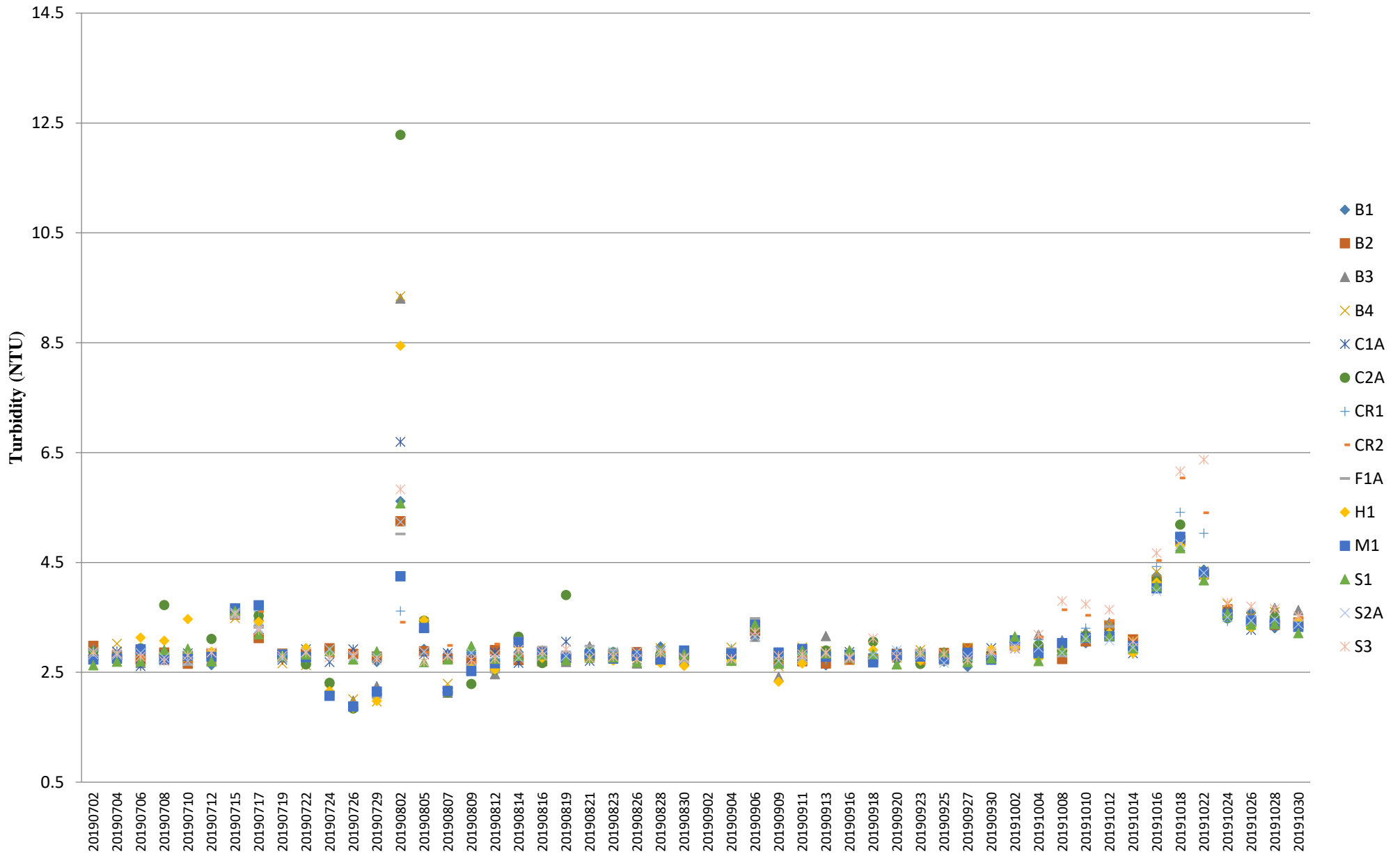
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-EBB



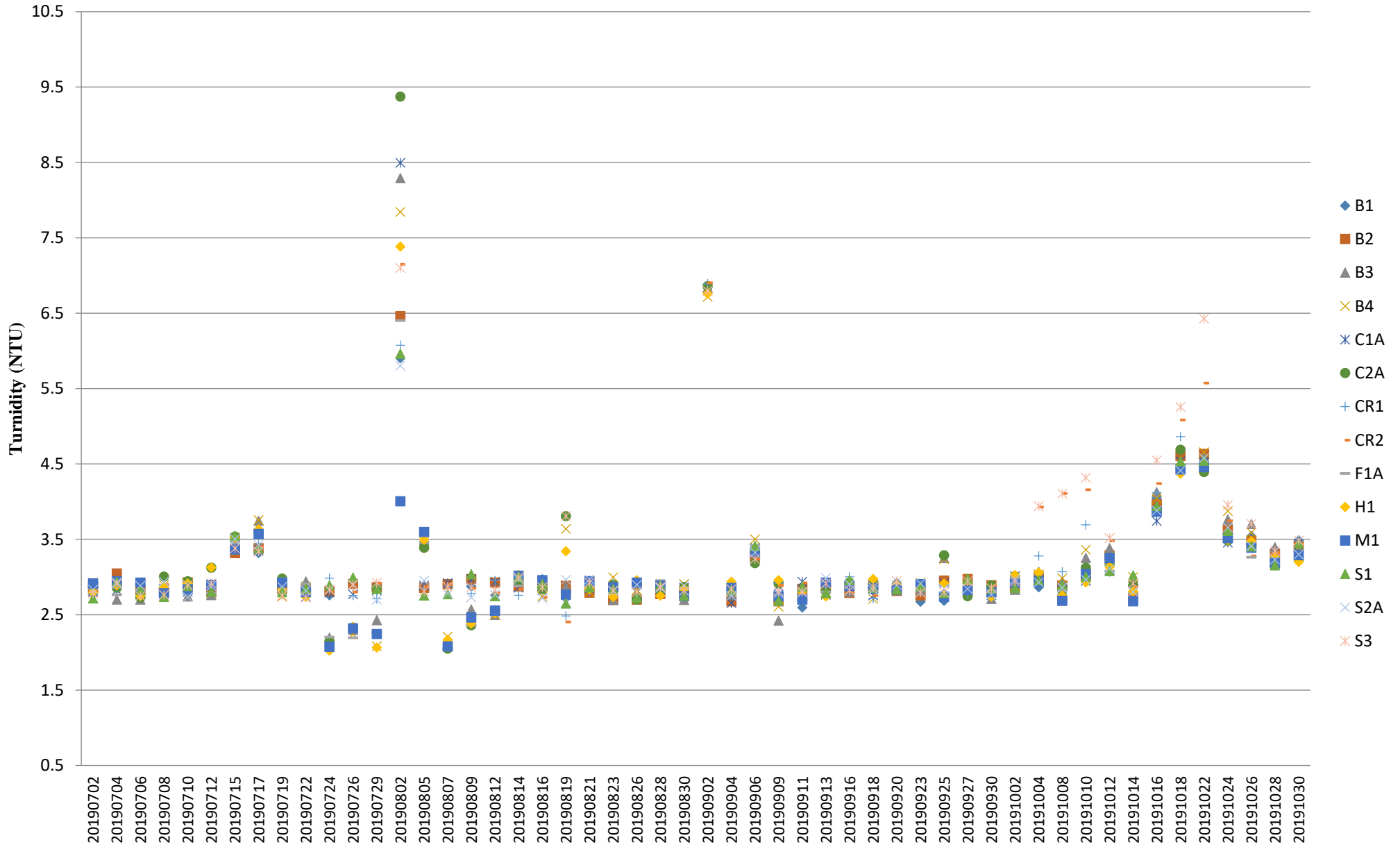
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Turbidity (Depth-averaged) during MID-FLOOD



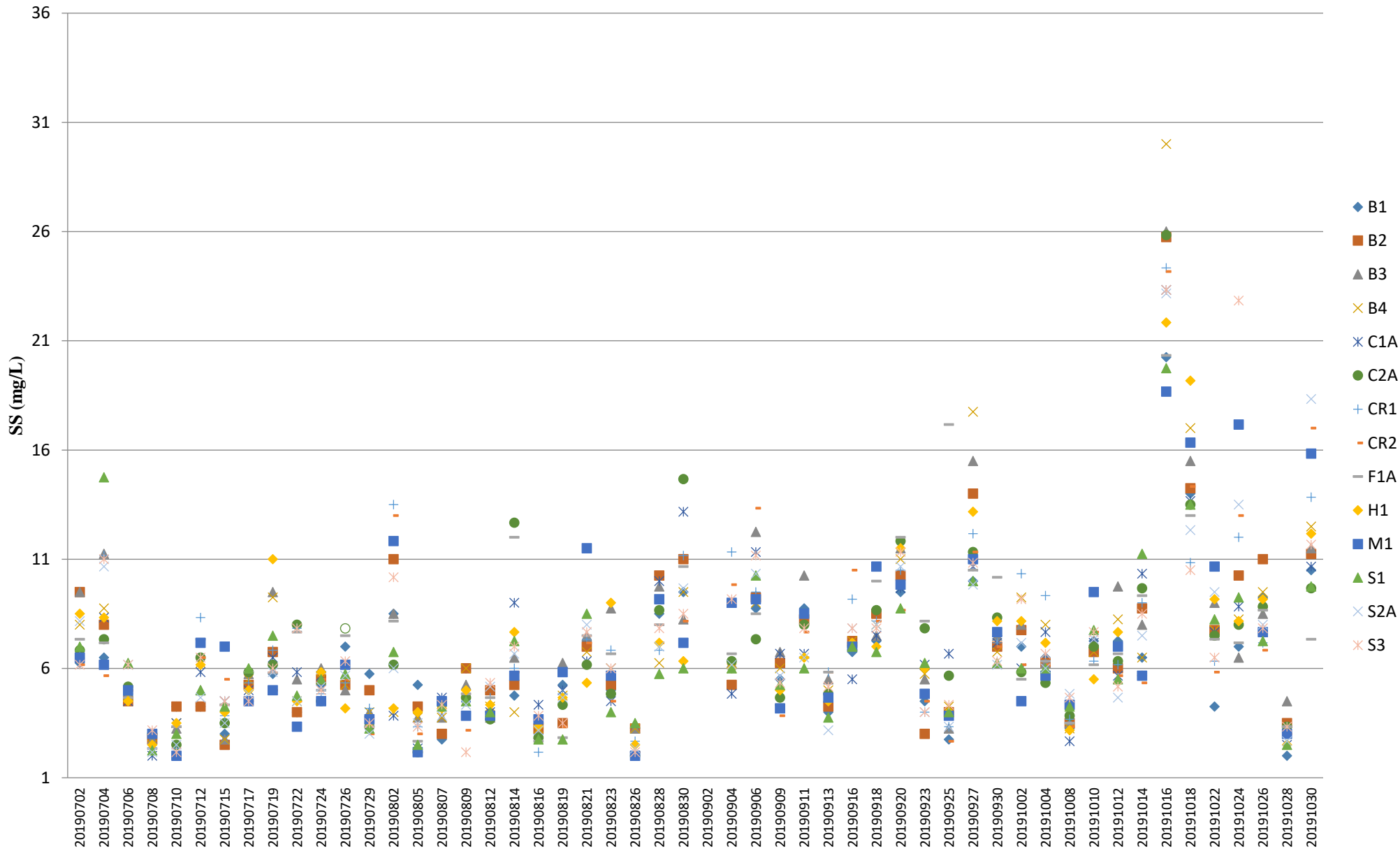
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Turbidity (Depth-averaged) during MID-EBB



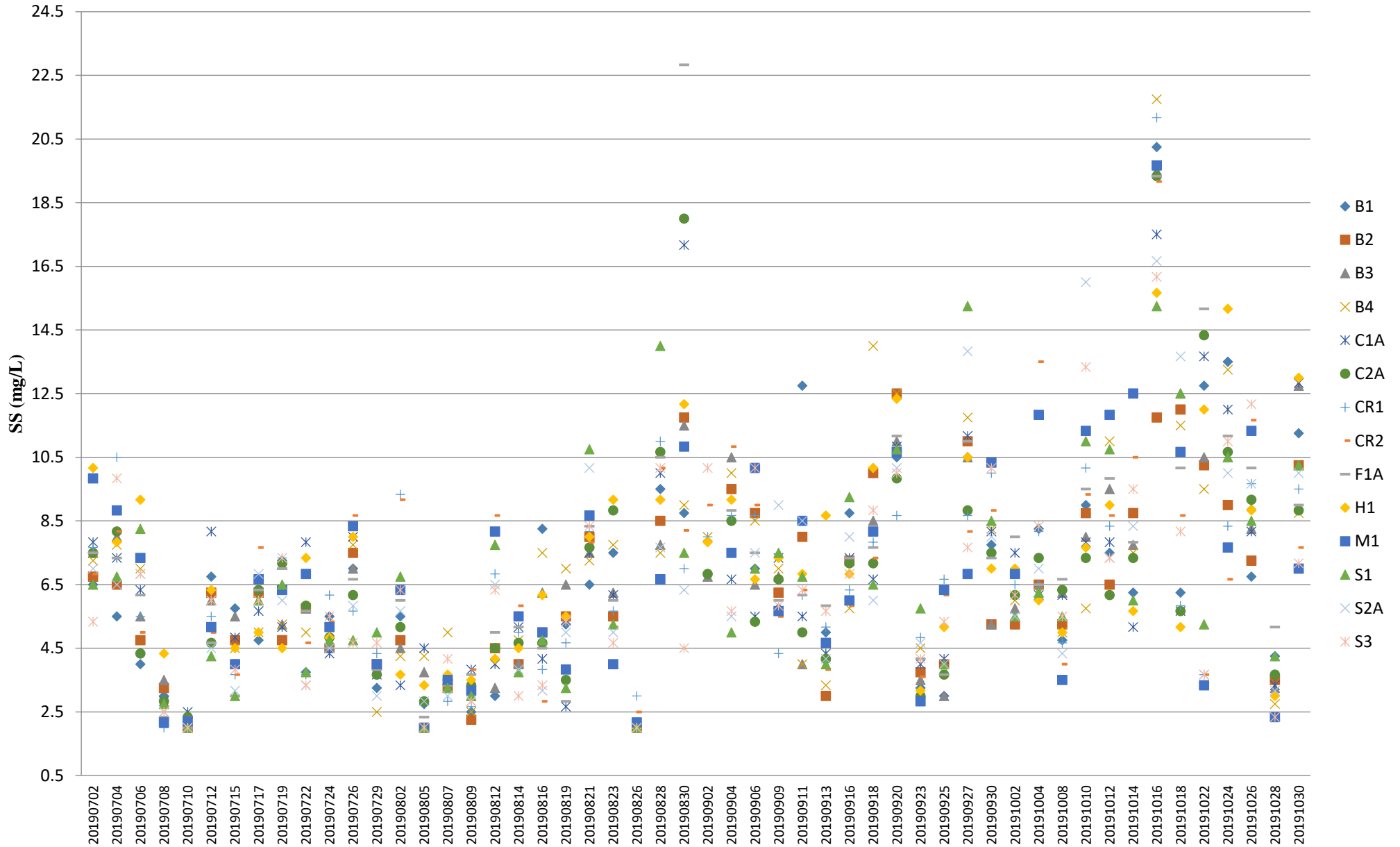
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-FLOOD



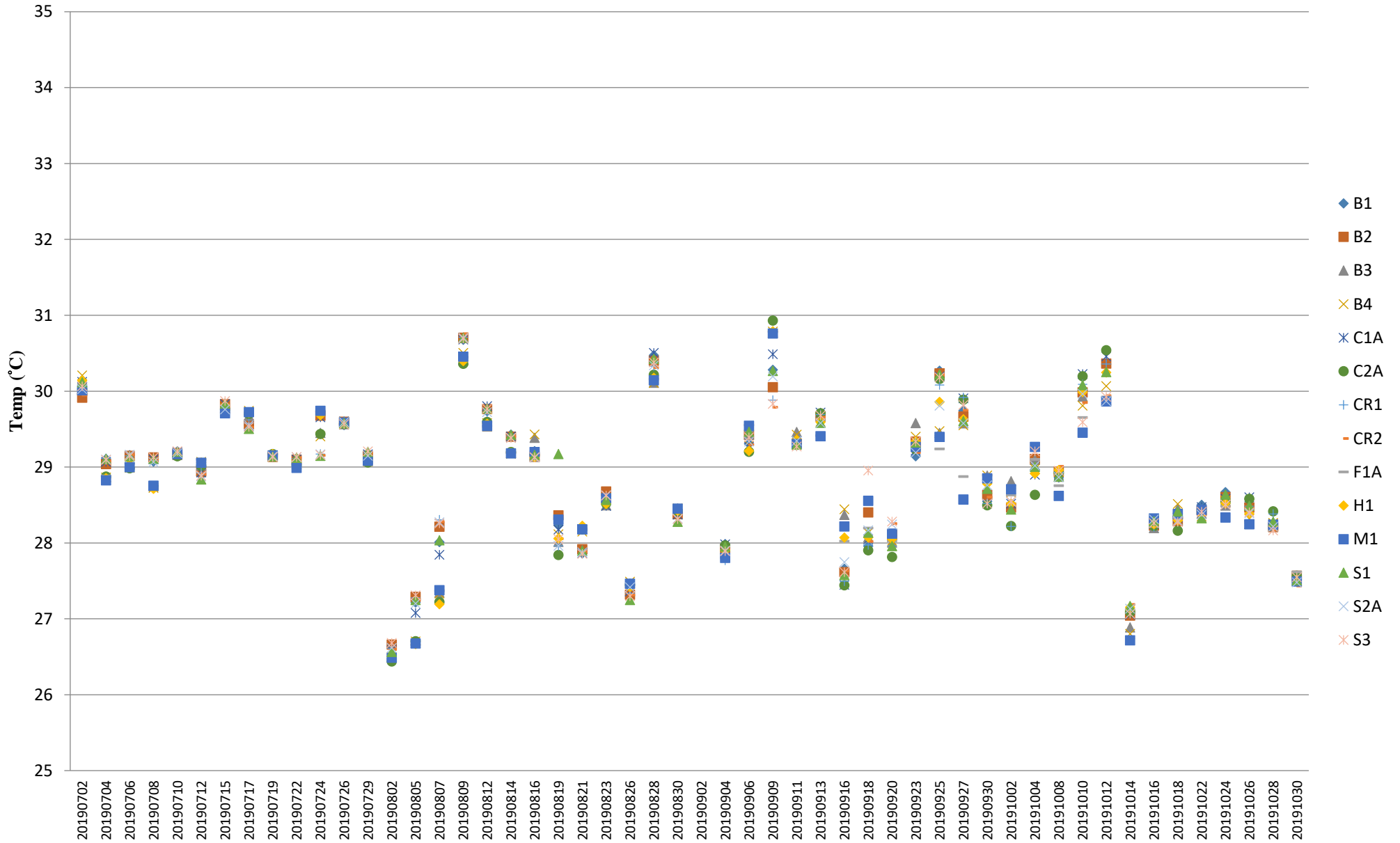
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-EBB



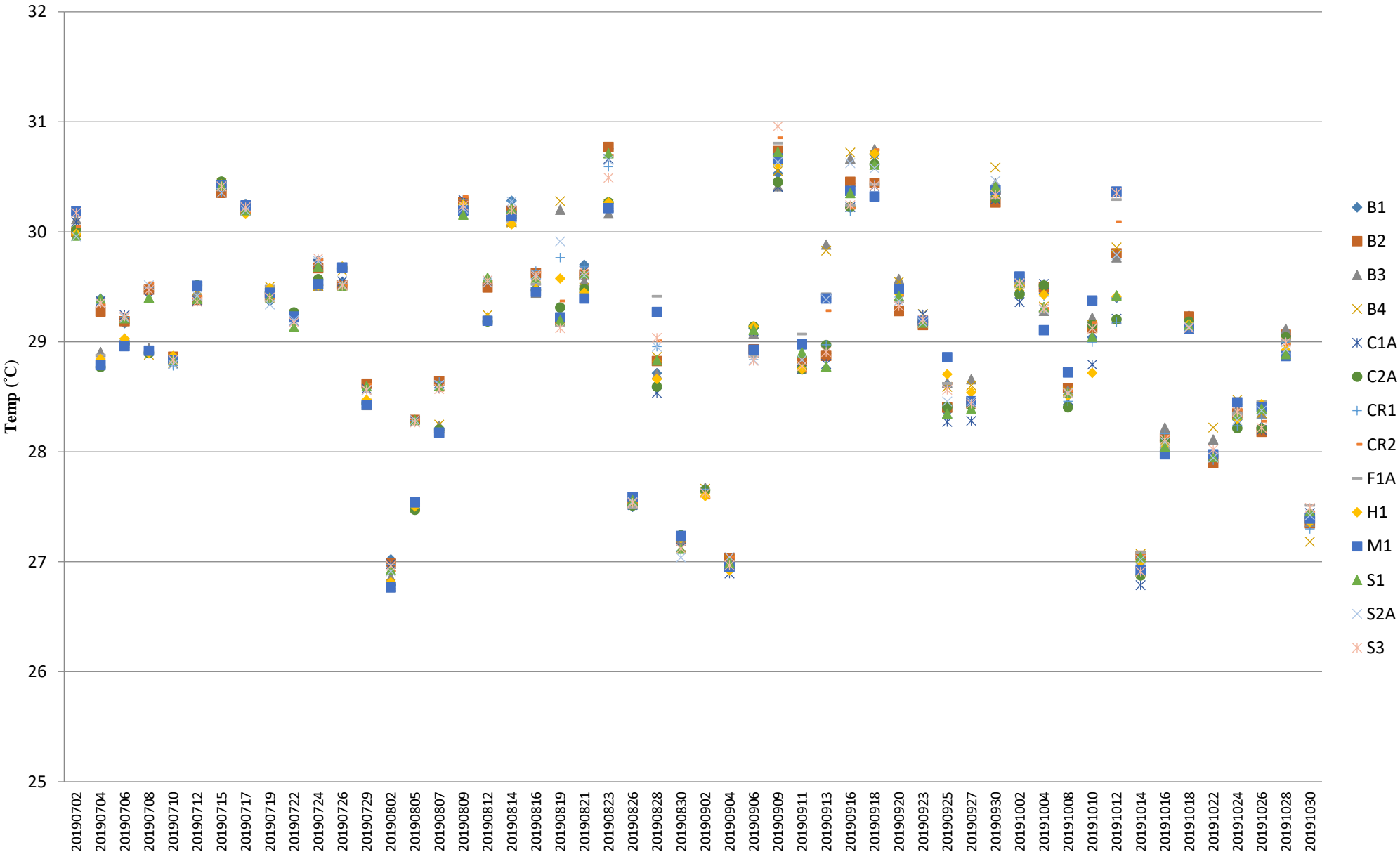
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Temperature (Depth-averaged) during MID-FLOOD



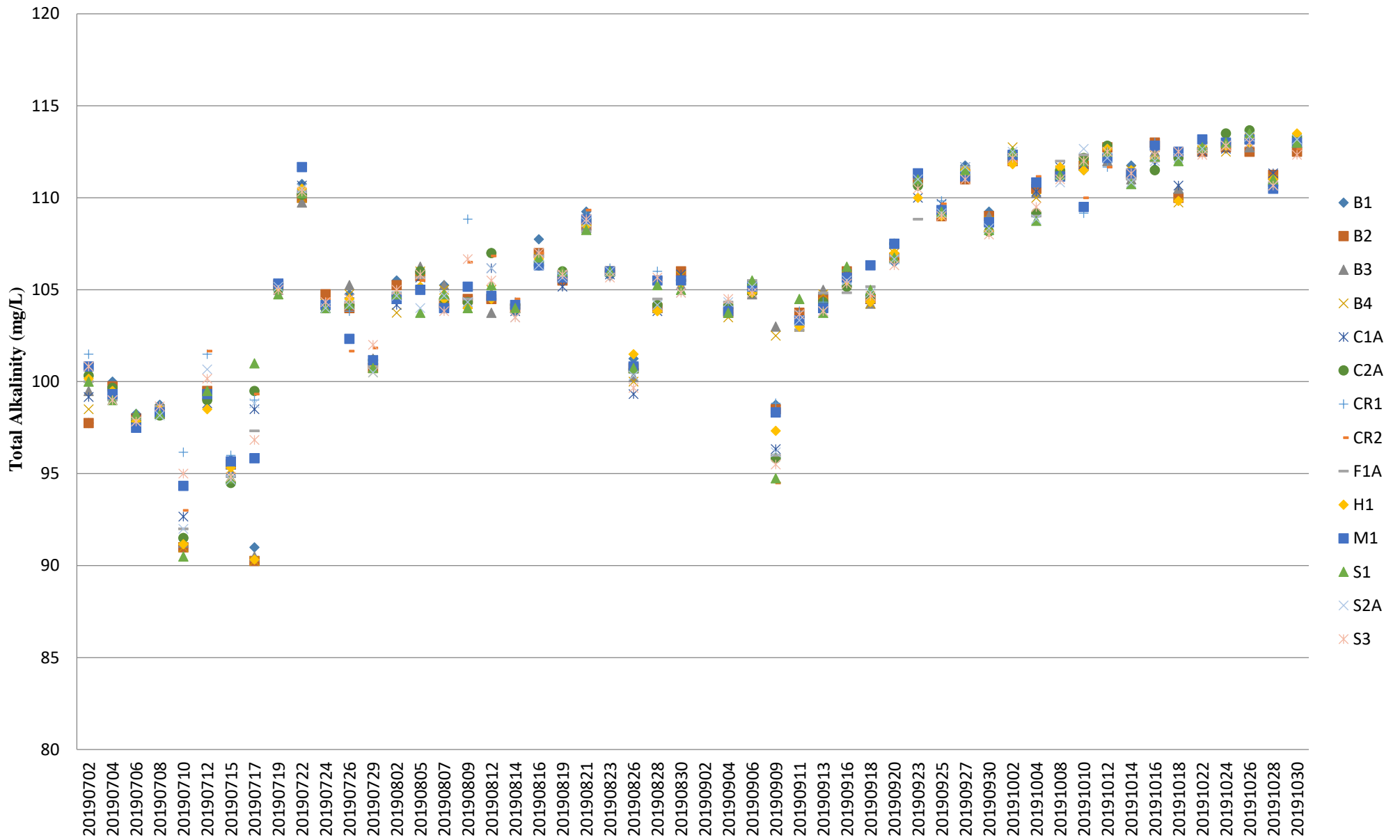
Note: The Action and Limit Level of temperature can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Temperature (Depth-averaged) during MID-EBB



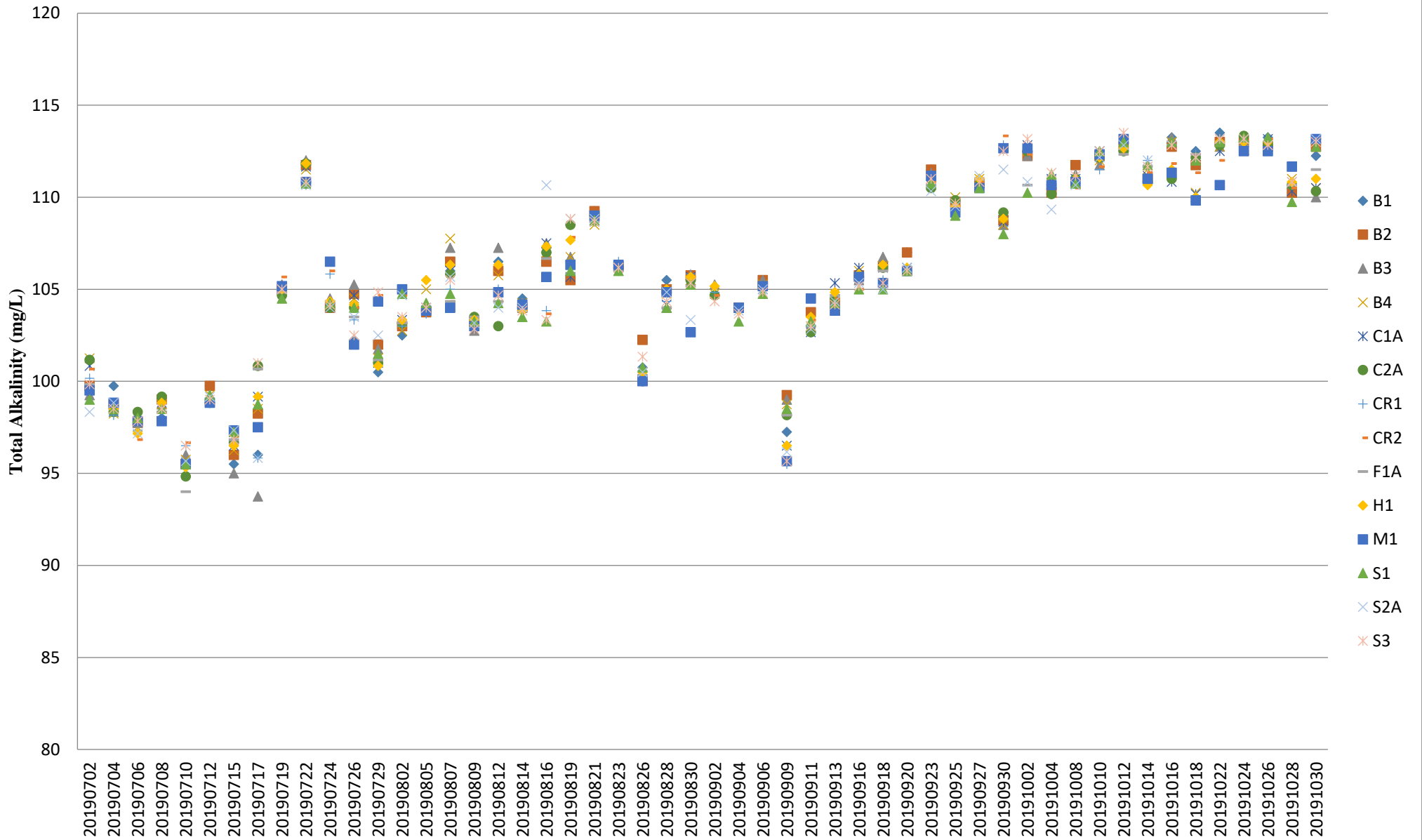
Note: The Action and Limit Level of temperature can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Total Alkalinity (Depth-averaged) during MID-FLOOD



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