

Appendix D 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	20200601	Sunny	Moderate	Mid-Ebb	B	3.5	10:37	7.6	8.41	32.34	28.4	3.08	5	102	0.219	E
B1	20200601	Sunny	Moderate	Mid-Ebb	B	3.5	10:37	7.56	8.16	32.6	28.14	3.31	5	101	0.193	E
B1	20200601	Sunny	Moderate	Mid-Ebb	S	1	10:38	8.02	8.42	32.33	28.23	2.33	4	102	0.147	SE
B1	20200601	Sunny	Moderate	Mid-Ebb	S	1	10:38	7.61	8.36	32.46	28.37	2.43	4	102	0.177	SE
B2	20200601	Sunny	Moderate	Mid-Ebb	B	4.4	10:54	7.73	8.36	32.82	28.32	3.08	2	101	0.175	SE
B2	20200601	Sunny	Moderate	Mid-Ebb	B	4.4	10:54	8.19	8.36	32.47	28.27	3.3	3	103	0.2	SE
B2	20200601	Sunny	Moderate	Mid-Ebb	S	1	10:55	8.24	8.44	32.33	28.29	2.43	2	102	0.228	E
B2	20200601	Sunny	Moderate	Mid-Ebb	S	1	10:55	7.45	8.32	32.39	28.13	2.76	3	102	0.174	E
B3	20200601	Sunny	Moderate	Mid-Ebb	B	4.5	10:07	8.22	8.26	32.77	28.33	3.18	2	102	0.197	E
B3	20200601	Sunny	Moderate	Mid-Ebb	B	4.5	10:07	8.07	8.25	32.35	28.15	3.27	3	103	0.197	E
B3	20200601	Sunny	Moderate	Mid-Ebb	S	1	10:08	7.65	8.39	32.55	28.35	2.5	3	103	0.164	SE
B3	20200601	Sunny	Moderate	Mid-Ebb	S	1	10:08	8.13	8.23	32.81	28.32	2.43	4	102	0.192	E
B4	20200601	Sunny	Moderate	Mid-Ebb	B	3.9	9:59	7.44	8.26	32.45	28.21	3.5	3	102	0.146	SE
B4	20200601	Sunny	Moderate	Mid-Ebb	B	3.9	9:59	7.37	8.25	32.5	28.35	3.55	3	103	0.151	SE
B4	20200601	Sunny	Moderate	Mid-Ebb	S	1	10:00	8.19	8.16	32.48	28.19	2.53	2	101	0.226	SE
B4	20200601	Sunny	Moderate	Mid-Ebb	S	1	10:00	7.65	8.38	32.34	28.26	2.73	3	102	0.249	E
C1A	20200601	Sunny	Moderate	Mid-Ebb	B	8.8	8:26	7.71	8.41	32.5	28.28	3.02	3	102	0.218	SE
C1A	20200601	Sunny	Moderate	Mid-Ebb	B	8.8	8:26	7.57	8.29	32.54	28.19	3.14	4	103	0.203	SE
C1A	20200601	Sunny	Moderate	Mid-Ebb	M	4.9	8:27	7.26	8.4	32.34	28.17	2.73	4	102	0.207	E
C1A	20200601	Sunny	Moderate	Mid-Ebb	M	4.9	8:27	7.39	8.41	32.88	28.33	2.49	3	102	0.25	E
C1A	20200601	Sunny	Moderate	Mid-Ebb	S	1	8:28	7.58	8.39	32.63	28.33	2.56	3	102	0.204	SE
C1A	20200601	Sunny	Moderate	Mid-Ebb	S	1	8:28	7.76	8.38	32.66	28.3	2.42	3	102	0.206	SE
C2A	20200601	Sunny	Moderate	Mid-Ebb	B	11.3	9:49	8.2	8.4	32.85	28.29	3.35	3	103	0.242	E
C2A	20200601	Sunny	Moderate	Mid-Ebb	B	11.3	9:49	8.2	8.38	32.64	28.35	3.11	4	102	0.146	SE
C2A	20200601	Sunny	Moderate	Mid-Ebb	M	6.15	9:50	7.49	8.41	32.44	28.37	2.38	3	101	0.217	E
C2A	20200601	Sunny	Moderate	Mid-Ebb	M	6.15	9:50	7.49	8.27	32.83	28.2	2.42	4	102	0.172	SE
C2A	20200601	Sunny	Moderate	Mid-Ebb	S	1	9:51	7.23	8.24	32.42	28.31	2.58	4	102	0.234	SE
C2A	20200601	Sunny	Moderate	Mid-Ebb	S	1	9:51	7.69	8.39	32.33	28.32	2.56	3	101	0.164	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
F1A	20200601	Sunny	Moderate	Mid-Ebb	B	8.2	9:36	8.23	8.23	32.43	28.16	3.14	2	102	0.243	SE
F1A	20200601	Sunny	Moderate	Mid-Ebb	B	8.2	9:36	7.41	8.3	32.68	28.3	3.41	3	103	0.244	SE
F1A	20200601	Sunny	Moderate	Mid-Ebb	M	4.6	9:37	8.03	8.21	32.84	28.28	2.92	2	102	0.236	E
F1A	20200601	Sunny	Moderate	Mid-Ebb	M	4.6	9:37	7.97	8.33	32.6	28.37	2.83	2	102	0.159	SE
F1A	20200601	Sunny	Moderate	Mid-Ebb	S	1	9:38	7.31	8.4	32.76	28.35	2.43	<2	102	0.237	E
F1A	20200601	Sunny	Moderate	Mid-Ebb	S	1	9:38	7.52	8.29	32.33	28.3	2.43	<2	102	0.237	SE
H1	20200601	Sunny	Moderate	Mid-Ebb	B	7.8	8:49	7.68	8.17	32.77	28.1	3.08	3	103	0.245	SE
H1	20200601	Sunny	Moderate	Mid-Ebb	B	7.8	8:49	7.67	8.43	32.53	28.22	3.41	2	102	0.233	SE
H1	20200601	Sunny	Moderate	Mid-Ebb	M	4.4	8:50	7.33	8.34	32.35	28.37	2.49	3	102	0.243	E
H1	20200601	Sunny	Moderate	Mid-Ebb	M	4.4	8:50	8.21	8.42	32.34	28.23	2.86	3	103	0.217	SE
H1	20200601	Sunny	Moderate	Mid-Ebb	S	1	8:51	7.97	8.33	32.34	28.16	2.47	3	101	0.148	SE
H1	20200601	Sunny	Moderate	Mid-Ebb	S	1	8:51	7.22	8.26	32.8	28.32	2.65	2	102	0.175	SE
M1	20200601	Sunny	Moderate	Mid-Ebb	B	8.9	9:11	8.23	8.32	32.78	28.21	2.89	2	102	0.179	SE
M1	20200601	Sunny	Moderate	Mid-Ebb	B	8.9	9:11	7.86	8.25	32.59	28.29	3.08	3	102	0.155	SE
M1	20200601	Sunny	Moderate	Mid-Ebb	M	4.95	9:12	7.6	8.19	32.55	28.2	2.75	2	102	0.149	SE
M1	20200601	Sunny	Moderate	Mid-Ebb	M	4.95	9:12	8.06	8.17	32.87	28.4	2.91	2	100	0.233	E
M1	20200601	Sunny	Moderate	Mid-Ebb	S	1	9:13	7.94	8.21	32.51	28.33	2.9	4	102	0.237	SE
M1	20200601	Sunny	Moderate	Mid-Ebb	S	1	9:13	7.32	8.17	32.61	28.31	2.5	3	103	0.252	E
CR1	20200601	Sunny	Moderate	Mid-Ebb	B	12.5	9:27	7.52	8.35	32.74	28.27	3.08	2	102	0.15	SE
CR1	20200601	Sunny	Moderate	Mid-Ebb	B	12.5	9:27	8.08	8.44	32.69	28.33	3.04	3	103	0.157	E
CR1	20200601	Sunny	Moderate	Mid-Ebb	M	6.75	9:28	8.17	8.25	32.55	28.37	2.53	2	102	0.167	SE
CR1	20200601	Sunny	Moderate	Mid-Ebb	M	6.75	9:28	7.86	8.39	32.71	28.31	2.83	3	102	0.216	SE
CR1	20200601	Sunny	Moderate	Mid-Ebb	S	1	9:29	8.08	8.4	32.77	28.3	2.4	3	102	0.182	E
CR1	20200601	Sunny	Moderate	Mid-Ebb	S	1	9:29	7.77	8.2	32.47	28.14	2.56	2	100	0.183	SE
CR2	20200601	Sunny	Moderate	Mid-Ebb	B	10	9:07	7.65	8.16	32.56	28.25	3	2	103	0.213	SE
CR2	20200601	Sunny	Moderate	Mid-Ebb	B	10	9:07	7.63	8.29	32.8	28.38	3.15	3	102	0.232	E
CR2	20200601	Sunny	Moderate	Mid-Ebb	M	5.5	9:08	8.28	8.27	32.63	28.19	2.85	3	103	0.199	E
CR2	20200601	Sunny	Moderate	Mid-Ebb	M	5.5	9:08	8.2	8.28	32.44	28.32	2.92	2	104	0.216	SE

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20200601	Sunny	Moderate	Mid-Ebb	S	1	9:09	8.22	8.24	32.7	28.39	2.9	<2	102	0.186	E
CR2	20200601	Sunny	Moderate	Mid-Ebb	S	1	9:09	7.99	8.19	32.66	28.12	2.58	<2	102	0.2	SE
S1	20200601	Sunny	Moderate	Mid-Ebb	B	4.4	10:44	7.38	8.37	32.58	28.47	3.11	<2	104	0.202	SE
S1	20200601	Sunny	Moderate	Mid-Ebb	B	4.4	10:44	7.79	8.37	32.49	28.55	3.04	<2	101	0.233	SE
S1	20200601	Sunny	Moderate	Mid-Ebb	S	1	10:45	8.21	8.39	32.6	28.35	2.44	4	101	0.237	SE
S1	20200601	Sunny	Moderate	Mid-Ebb	S	1	10:45	7.88	8.34	32.63	28.36	2.78	5	103	0.22	SE
S2A	20200601	Sunny	Moderate	Mid-Ebb	B	7.9	10:23	7.87	8.31	32.7	28.43	3.35	3	102	0.21	SE
S2A	20200601	Sunny	Moderate	Mid-Ebb	B	7.9	10:23	8.22	8.38	32.84	28.55	3.38	3	101	0.221	SE
S2A	20200601	Sunny	Moderate	Mid-Ebb	M	4.45	10:24	7.61	8.17	32.81	28.33	2.9	2	102	0.192	SE
S2A	20200601	Sunny	Moderate	Mid-Ebb	M	4.45	10:24	7.23	8.4	32.85	28.42	2.75	3	102	0.155	SE
S2A	20200601	Sunny	Moderate	Mid-Ebb	S	1	10:25	8.24	8.28	32.67	28.57	2.33	4	103	0.224	SE
S2A	20200601	Sunny	Moderate	Mid-Ebb	S	1	10:25	7.55	8.42	32.51	28.48	2.56	3	102	0.228	SE
S3	20200601	Sunny	Moderate	Mid-Ebb	B	8.9	9:16	8.23	8.26	32.47	28.3	3.21	2	102	0.213	SE
S3	20200601	Sunny	Moderate	Mid-Ebb	B	8.9	9:16	8.27	8.36	32.33	28.27	3.04	3	101	0.244	SE
S3	20200601	Sunny	Moderate	Mid-Ebb	M	4.95	9:17	7.89	8.43	32.35	28.31	2.55	2	103	0.169	E
S3	20200601	Sunny	Moderate	Mid-Ebb	M	4.95	9:17	7.98	8.33	32.47	28.29	2.35	3	103	0.2	SE
S3	20200601	Sunny	Moderate	Mid-Ebb	S	1	9:18	8.25	8.33	32.65	28.3	2.75	2	102	0.236	SE
S3	20200601	Sunny	Moderate	Mid-Ebb	S	1	9:18	7.8	8.37	32.75	28.25	2.88	2	101	0.237	SE
B1	20200601	Sunny	Moderate	Mid-Flood	B	3.7	13:11	7.39	8.61	31.76	29.04	3.05	5	99	0.203	NW
B1	20200601	Sunny	Moderate	Mid-Flood	B	3.7	13:11	7.48	8.48	31.86	29.01	2.89	6	98	0.193	W
B1	20200601	Sunny	Moderate	Mid-Flood	S	1	13:12	7.41	8.38	31.69	28.87	2.86	4	101	0.189	NW
B1	20200601	Sunny	Moderate	Mid-Flood	S	1	13:12	7.68	8.62	31.54	28.97	2.51	5	99	0.264	W
B2	20200601	Sunny	Moderate	Mid-Flood	B	4.2	12:52	7.64	8.58	31.56	28.94	3.23	4	99	0.252	W
B2	20200601	Sunny	Moderate	Mid-Flood	B	4.2	12:52	7.44	8.6	32.03	28.87	3.08	5	100	0.28	W
B2	20200601	Sunny	Moderate	Mid-Flood	S	1	12:53	7.64	8.67	32.13	28.67	2.51	5	98	0.244	W
B2	20200601	Sunny	Moderate	Mid-Flood	S	1	12:53	7.45	8.27	31.94	28.94	2.58	6	99	0.282	W
B3	20200601	Sunny	Moderate	Mid-Flood	B	3.7	13:39	8.01	8.52	31.54	28.9	3.51	5	100	0.276	W
B3	20200601	Sunny	Moderate	Mid-Flood	B	3.7	13:39	7.45	8.39	31.69	28.93	3.5	4	98	0.201	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	20200601	Sunny	Moderate	Mid-Flood	S	1	13:40	8.08	8.36	31.64	28.95	2.5	3	98	0.199	W
B3	20200601	Sunny	Moderate	Mid-Flood	S	1	13:40	7.44	8.49	31.61	29.02	3.01	4	97	0.26	W
B4	20200601	Sunny	Moderate	Mid-Flood	B	4.1	13:47	7.62	8.59	32.11	29.01	3.5	8	100	0.24	W
B4	20200601	Sunny	Moderate	Mid-Flood	B	4.1	13:47	7.78	8.38	32.09	28.9	3.26	7	99	0.175	W
B4	20200601	Sunny	Moderate	Mid-Flood	S	1	13:48	7.77	8.26	31.87	29.03	2.55	6	100	0.197	W
B4	20200601	Sunny	Moderate	Mid-Flood	S	1	13:48	7.53	8.3	31.86	28.83	3.01	5	97	0.261	NW
C1A	20200601	Sunny	Moderate	Mid-Flood	B	9.7	13:58	7.7	8.25	31.99	29.01	2.92	6	98	0.259	NW
C1A	20200601	Sunny	Moderate	Mid-Flood	B	9.7	13:58	7.43	8.38	31.97	28.97	3.38	6	97	0.267	W
C1A	20200601	Sunny	Moderate	Mid-Flood	M	5.35	13:59	7.56	8.52	31.85	28.88	3.05	6	98	0.245	W
C1A	20200601	Sunny	Moderate	Mid-Flood	M	5.35	13:59	7.84	8.43	32.15	28.85	3.03	6	98	0.233	W
C1A	20200601	Sunny	Moderate	Mid-Flood	S	1	14:00	7.74	8.54	31.76	28.87	2.59	6	98	0.169	W
C1A	20200601	Sunny	Moderate	Mid-Flood	S	1	14:00	7.93	8.51	31.93	28.93	2.58	5	98	0.229	W
C2A	20200601	Sunny	Moderate	Mid-Flood	B	10.2	12:52	7.5	8.47	31.97	28.69	3.08	6	98	0.168	NW
C2A	20200601	Sunny	Moderate	Mid-Flood	B	10.2	12:52	7.88	8.39	32.06	28.94	2.96	5	99	0.279	W
C2A	20200601	Sunny	Moderate	Mid-Flood	M	5.6	12:53	7.45	8.6	31.5	28.87	3.01	6	98	0.204	NW
C2A	20200601	Sunny	Moderate	Mid-Flood	M	5.6	12:53	7.55	8.37	31.8	28.69	2.61	6	97	0.271	W
C2A	20200601	Sunny	Moderate	Mid-Flood	S	1	12:54	7.63	8.68	32.01	28.87	2.78	7	98	0.204	W
C2A	20200601	Sunny	Moderate	Mid-Flood	S	1	12:54	7.94	8.3	31.89	28.93	2.44	6	99	0.249	W
CR1	20200601	Sunny	Moderate	Mid-Flood	B	11.8	13:14	7.53	8.34	32.03	28.88	3.16	6	99	0.206	W
CR1	20200601	Sunny	Moderate	Mid-Flood	B	11.8	13:14	7.39	8.38	31.67	29.01	3.39	7	98	0.236	W
CR1	20200601	Sunny	Moderate	Mid-Flood	M	6.4	13:15	7.67	8.59	31.64	28.97	3.12	6	99	0.178	W
CR1	20200601	Sunny	Moderate	Mid-Flood	M	6.4	13:15	7.58	8.52	32.13	28.96	2.7	7	99	0.265	W
CR1	20200601	Sunny	Moderate	Mid-Flood	S	1	13:16	8.04	8.36	31.52	28.97	2.76	8	99	0.198	NW
CR1	20200601	Sunny	Moderate	Mid-Flood	S	1	13:16	8.1	8.43	32.04	28.86	2.39	7	98	0.176	W
CR2	20200601	Sunny	Moderate	Mid-Flood	B	10.9	13:30	8.08	8.64	31.91	28.86	3.39	5	98	0.175	W
CR2	20200601	Sunny	Moderate	Mid-Flood	B	10.9	13:30	7.45	8.41	31.93	28.96	3.46	6	99	0.2	W
CR2	20200601	Sunny	Moderate	Mid-Flood	M	5.95	13:31	8.07	8.58	31.52	29.05	3.07	6	99	0.25	NW
CR2	20200601	Sunny	Moderate	Mid-Flood	M	5.95	13:31	8.1	8.68	31.56	28.96	2.8	5	97	0.226	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20200601	Sunny	Moderate	Mid-Flood	S	1	13:32	7.55	8.4	31.8	28.84	2.8	7	98	0.269	W
CR2	20200601	Sunny	Moderate	Mid-Flood	S	1	13:32	7.43	8.51	32.02	28.98	2.58	6	98	0.204	W
F1A	20200601	Sunny	Moderate	Mid-Flood	B	7.5	14:08	7.89	8.33	31.98	28.94	3.4	4	98	0.18	W
F1A	20200601	Sunny	Moderate	Mid-Flood	B	7.5	14:08	7.74	8.57	31.75	28.84	2.94	5	99	0.282	W
F1A	20200601	Sunny	Moderate	Mid-Flood	M	4.25	14:09	7.76	8.26	32.15	29.04	3.13	5	97	0.26	W
F1A	20200601	Sunny	Moderate	Mid-Flood	M	4.25	14:09	7.64	8.25	32.01	29.04	2.93	5	97	0.262	W
F1A	20200601	Sunny	Moderate	Mid-Flood	S	1	14:10	7.96	8.64	32.14	28.85	2.92	5	100	0.215	NW
F1A	20200601	Sunny	Moderate	Mid-Flood	S	1	14:10	7.36	8.41	31.7	28.83	2.42	6	98	0.257	NW
H1	20200601	Sunny	Moderate	Mid-Flood	B	7.1	14:19	8.07	8.33	31.93	28.9	3.15	6	97	0.183	W
H1	20200601	Sunny	Moderate	Mid-Flood	B	7.1	14:19	7.92	8.55	31.65	28.92	3.47	6	97	0.246	NW
H1	20200601	Sunny	Moderate	Mid-Flood	M	4.05	14:20	8.1	8.62	31.87	28.93	2.57	6	98	0.238	W
H1	20200601	Sunny	Moderate	Mid-Flood	M	4.05	14:20	7.39	8.48	31.89	28.93	3.04	5	98	0.272	W
H1	20200601	Sunny	Moderate	Mid-Flood	S	1	14:21	7.71	8.52	32.08	28.98	2.38	7	96	0.206	W
H1	20200601	Sunny	Moderate	Mid-Flood	S	1	14:21	7.61	8.3	31.62	28.84	2.48	6	98	0.261	W
M1	20200601	Sunny	Moderate	Mid-Flood	B	7.1	14:30	7.51	8.53	31.86	28.87	3.27	7	98	0.185	W
M1	20200601	Sunny	Moderate	Mid-Flood	B	7.1	14:30	7.55	8.58	31.82	28.7	2.99	6	98	0.22	NW
M1	20200601	Sunny	Moderate	Mid-Flood	M	4.05	14:31	7.76	8.31	32.06	28.85	2.97	5	98	0.273	W
M1	20200601	Sunny	Moderate	Mid-Flood	M	4.05	14:31	7.52	8.67	31.97	28.88	2.58	6	99	0.203	W
M1	20200601	Sunny	Moderate	Mid-Flood	S	1	14:32	7.44	8.66	31.71	28.59	2.49	6	98	0.24	W
M1	20200601	Sunny	Moderate	Mid-Flood	S	1	14:32	7.89	8.48	31.85	28.81	2.93	5	98	0.197	NW
S1	20200601	Sunny	Moderate	Mid-Flood	B	4.6	13:01	7.55	8.34	31.63	29	3.28	5	97	0.226	W
S1	20200601	Sunny	Moderate	Mid-Flood	B	4.6	13:01	7.4	8.49	31.96	29.01	3.23	6	98	0.203	W
S1	20200601	Sunny	Moderate	Mid-Flood	S	1	13:02	7.75	8.34	32.1	28.95	2.66	7	99	0.27	W
S1	20200601	Sunny	Moderate	Mid-Flood	S	1	13:02	7.79	8.47	31.93	28.92	2.8	7	98	0.191	W
S2A	20200601	Sunny	Moderate	Mid-Flood	B	8	13:25	7.85	8.61	31.8	28.91	3.47	6	98	0.258	NW
S2A	20200601	Sunny	Moderate	Mid-Flood	B	8	13:25	7.79	8.27	32.03	28.96	2.93	5	98	0.255	NW
S2A	20200601	Sunny	Moderate	Mid-Flood	M	4.5	13:26	7.4	8.68	31.9	29.02	2.9	5	99	0.174	W
S2A	20200601	Sunny	Moderate	Mid-Flood	M	4.5	13:26	7.44	8.59	31.8	28.99	2.89	4	99	0.273	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20200601	Sunny	Moderate	Mid-Flood	S	1	13:27	7.7	8.51	31.92	28.83	2.82	4	98	0.229	W
S2A	20200601	Sunny	Moderate	Mid-Flood	S	1	13:27	7.9	8.48	32.05	28.99	2.74	5	97	0.279	W
S3	20200601	Sunny	Moderate	Mid-Flood	B	8.5	13:39	7.52	8.58	31.79	28.93	3.17	6	98	0.191	W
S3	20200601	Sunny	Moderate	Mid-Flood	B	8.5	13:39	7.77	8.36	31.94	28.92	3.12	7	98	0.184	W
S3	20200601	Sunny	Moderate	Mid-Flood	M	4.75	13:40	7.81	8.5	32.01	28.84	2.74	4	99	0.196	NW
S3	20200601	Sunny	Moderate	Mid-Flood	M	4.75	13:40	7.83	8.54	31.54	28.98	2.83	5	97	0.19	W
S3	20200601	Sunny	Moderate	Mid-Flood	S	1	13:41	7.51	8.43	31.67	29.01	2.72	4	98	0.185	W
S3	20200601	Sunny	Moderate	Mid-Flood	S	1	13:41	7.87	8.27	31.97	28.83	2.74	5	98	0.228	W
B1	20200603	Cloudy	Moderate	Mid-Ebb	B	4.2	11:16	8.37	8.31	31.87	28.62	2.63	3	105	0.215	E
B1	20200603	Cloudy	Moderate	Mid-Ebb	B	4.2	11:16	8.05	8.52	32	28.64	3.12	4	105	0.239	SE
B1	20200603	Cloudy	Moderate	Mid-Ebb	S	1	11:17	8.08	8.53	32.04	28.49	2.58	4	105	0.215	SE
B1	20200603	Cloudy	Moderate	Mid-Ebb	S	1	11:17	7.78	8.54	31.66	28.79	2.37	5	106	0.228	SE
B2	20200603	Cloudy	Moderate	Mid-Ebb	B	4.3	11:34	8.08	8.6	32.18	28.62	2.76	4	105	0.218	SE
B2	20200603	Cloudy	Moderate	Mid-Ebb	B	4.3	11:34	7.69	8.52	32.06	28.84	2.69	3	104	0.149	E
B2	20200603	Cloudy	Moderate	Mid-Ebb	S	1	11:35	7.94	8.48	31.98	28.48	2.42	6	106	0.241	SE
B2	20200603	Cloudy	Moderate	Mid-Ebb	S	1	11:35	7.66	8.44	32.16	28.78	2.34	5	105	0.199	E
B3	20200603	Cloudy	Moderate	Mid-Ebb	B	3.8	10:46	8.36	8.63	31.81	28.63	2.85	3	103	0.192	E
B3	20200603	Cloudy	Moderate	Mid-Ebb	B	3.8	10:46	8.29	8.37	31.83	28.69	3.04	4	102	0.152	E
B3	20200603	Cloudy	Moderate	Mid-Ebb	S	1	10:47	8.15	8.6	31.91	28.67	2.32	4	103	0.16	E
B3	20200603	Cloudy	Moderate	Mid-Ebb	S	1	10:47	8.19	8.51	32.16	28.49	2.16	3	102	0.231	E
B4	20200603	Cloudy	Moderate	Mid-Ebb	B	3.6	10:38	7.93	8.52	32.11	28.72	2.7	4	103	0.193	SE
B4	20200603	Cloudy	Moderate	Mid-Ebb	B	3.6	10:38	8.18	8.48	31.75	28.66	2.77	3	101	0.178	E
B4	20200603	Cloudy	Moderate	Mid-Ebb	S	1	10:39	7.79	8.38	32.13	28.43	2.35	3	103	0.225	E
B4	20200603	Cloudy	Moderate	Mid-Ebb	S	1	10:39	7.89	8.42	31.71	28.66	2.56	2	102	0.215	E
C1A	20200603	Cloudy	Moderate	Mid-Ebb	B	9.7	8:50	7.72	8.48	32.2	28.29	2.83	2	102	0.154	E
C1A	20200603	Cloudy	Moderate	Mid-Ebb	B	9.7	8:50	7.73	8.39	31.81	28.3	2.96	3	101	0.212	SE
C1A	20200603	Cloudy	Moderate	Mid-Ebb	M	5.35	8:51	8.08	8.39	31.67	28.47	2.07	2	104	0.178	SE
C1A	20200603	Cloudy	Moderate	Mid-Ebb	M	5.35	8:51	8.06	8.31	31.93	28.42	2.56	3	102	0.162	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	20200603	Cloudy	Moderate	Mid-Ebb	S	1	8:52	8.07	8.45	31.83	28.28	2.52	3	102	0.185	SE
C1A	20200603	Cloudy	Moderate	Mid-Ebb	S	1	8:52	8.14	8.58	31.94	28.31	2.2	2	101	0.227	SE
C2A	20200603	Cloudy	Moderate	Mid-Ebb	B	10.9	10:10	7.99	8.31	32.17	28.73	3.02	2	101	0.249	SE
C2A	20200603	Cloudy	Moderate	Mid-Ebb	B	10.9	10:10	8.21	8.41	31.71	28.66	2.69	3	100	0.218	SE
C2A	20200603	Cloudy	Moderate	Mid-Ebb	M	5.95	10:11	8.09	8.58	32.02	28.53	2.36	<2	102	0.171	E
C2A	20200603	Cloudy	Moderate	Mid-Ebb	M	5.95	10:11	7.75	8.63	31.69	28.46	2.21	<2	101	0.2	SE
C2A	20200603	Cloudy	Moderate	Mid-Ebb	S	1	10:12	7.79	8.47	32.17	28.61	2.2	<2	102	0.237	SE
C2A	20200603	Cloudy	Moderate	Mid-Ebb	S	1	10:12	7.83	8.31	32.18	28.61	2.02	<2	103	0.25	SE
CR1	20200603	Cloudy	Moderate	Mid-Ebb	B	12.2	9:49	8.09	8.5	32.03	28.56	2.83	4	102	0.23	SE
CR1	20200603	Cloudy	Moderate	Mid-Ebb	B	12.2	9:49	7.75	8.56	31.87	28.69	3.01	3	102	0.168	SE
CR1	20200603	Cloudy	Moderate	Mid-Ebb	M	6.6	9:50	8.16	8.61	31.68	28.6	2.42	2	102	0.225	E
CR1	20200603	Cloudy	Moderate	Mid-Ebb	M	6.6	9:50	7.69	8.4	31.78	28.69	2.18	2	99	0.225	SE
CR1	20200603	Cloudy	Moderate	Mid-Ebb	S	1	9:51	7.99	8.54	31.85	28.61	2.5	<2	101	0.192	SE
CR1	20200603	Cloudy	Moderate	Mid-Ebb	S	1	9:51	8.26	8.35	31.68	28.73	2.16	<2	101	0.195	SE
CR2	20200603	Cloudy	Moderate	Mid-Ebb	B	10.6	9:30	8.11	8.35	31.9	28.66	2.63	<2	100	0.2	E
CR2	20200603	Cloudy	Moderate	Mid-Ebb	B	10.6	9:30	7.77	8.64	31.91	28.6	2.79	<2	101	0.207	E
CR2	20200603	Cloudy	Moderate	Mid-Ebb	M	5.8	9:31	8.08	8.51	31.79	28.45	2.62	3	100	0.243	E
CR2	20200603	Cloudy	Moderate	Mid-Ebb	M	5.8	9:31	8.33	8.37	31.9	28.47	2.58	3	101	0.188	SE
CR2	20200603	Cloudy	Moderate	Mid-Ebb	S	1	9:32	7.91	8.53	31.7	28.41	2.45	3	101	0.184	SE
CR2	20200603	Cloudy	Moderate	Mid-Ebb	S	1	9:32	7.82	8.36	31.61	28.52	2.23	2	102	0.21	SE
F1A	20200603	Cloudy	Moderate	Mid-Ebb	B	7.3	10:14	7.66	8.39	32.01	28.65	3.06	2	101	0.223	SE
F1A	20200603	Cloudy	Moderate	Mid-Ebb	B	7.3	10:14	7.71	8.6	32.19	28.59	2.98	3	101	0.203	E
F1A	20200603	Cloudy	Moderate	Mid-Ebb	M	4.15	10:15	8	8.26	31.71	28.46	2.24	2	101	0.22	E
F1A	20200603	Cloudy	Moderate	Mid-Ebb	M	4.15	10:15	8.14	8.44	32.02	28.5	2.34	3	102	0.232	E
F1A	20200603	Cloudy	Moderate	Mid-Ebb	S	1	10:16	8.11	8.53	32.07	28.52	2.52	3	101	0.24	SE
F1A	20200603	Cloudy	Moderate	Mid-Ebb	S	1	10:16	7.71	8.28	31.65	28.7	2.37	3	102	0.233	SE
H1	20200603	Cloudy	Moderate	Mid-Ebb	B	7.7	9:12	8.01	8.57	32.02	28.33	2.86	3	101	0.249	E
H1	20200603	Cloudy	Moderate	Mid-Ebb	B	7.7	9:12	8.06	8.51	31.7	28.32	2.98	4	102	0.186	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200603	Cloudy	Moderate	Mid-Ebb	M	4.35	9:13	7.83	8.47	31.6	28.41	2.55	3	103	0.168	E
H1	20200603	Cloudy	Moderate	Mid-Ebb	M	4.35	9:13	7.68	8.28	31.74	28.47	2.28	4	101	0.179	E
H1	20200603	Cloudy	Moderate	Mid-Ebb	S	1	9:14	8.34	8.38	32.18	28.29	2.21	2	103	0.196	SE
H1	20200603	Cloudy	Moderate	Mid-Ebb	S	1	9:14	8.32	8.31	31.93	28.22	2.55	3	102	0.146	SE
M1	20200603	Cloudy	Moderate	Mid-Ebb	B	8.8	9:50	7.95	8.47	31.66	28.67	2.68	2	102	0.223	E
M1	20200603	Cloudy	Moderate	Mid-Ebb	B	8.8	9:50	7.62	8.46	31.67	28.6	2.63	3	100	0.195	SE
M1	20200603	Cloudy	Moderate	Mid-Ebb	M	4.9	9:51	7.99	8.28	31.77	28.7	2.44	2	100	0.177	SE
M1	20200603	Cloudy	Moderate	Mid-Ebb	M	4.9	9:51	7.92	8.32	31.67	28.51	2.15	2	101	0.24	SE
M1	20200603	Cloudy	Moderate	Mid-Ebb	S	1	9:52	7.89	8.64	31.99	28.67	2.31	2	102	0.148	SE
M1	20200603	Cloudy	Moderate	Mid-Ebb	S	1	9:52	7.94	8.46	31.69	28.71	2.02	3	101	0.17	SE
S1	20200603	Cloudy	Moderate	Mid-Ebb	B	4.2	11:25	8.08	8.59	32.04	28.63	2.56	2	103	0.18	SE
S1	20200603	Cloudy	Moderate	Mid-Ebb	B	4.2	11:25	8.06	8.59	31.91	28.62	2.85	2	102	0.204	SE
S1	20200603	Cloudy	Moderate	Mid-Ebb	S	1	11:26	7.63	8.47	32.1	28.65	2.08	2	103	0.16	SE
S1	20200603	Cloudy	Moderate	Mid-Ebb	S	1	11:26	8.02	8.51	31.99	28.85	2.05	2	102	0.164	SE
S2A	20200603	Cloudy	Moderate	Mid-Ebb	B	8.6	11:02	8.1	8.52	32.07	28.55	2.72	3	101	0.23	SE
S2A	20200603	Cloudy	Moderate	Mid-Ebb	B	8.6	11:02	7.95	8.35	31.96	28.7	2.96	2	101	0.252	SE
S2A	20200603	Cloudy	Moderate	Mid-Ebb	M	4.8	11:03	8.32	8.46	31.86	28.49	2.49	3	102	0.209	SE
S2A	20200603	Cloudy	Moderate	Mid-Ebb	M	4.8	11:03	8.24	8.54	31.81	28.7	2.11	3	103	0.227	SE
S2A	20200603	Cloudy	Moderate	Mid-Ebb	S	1	11:04	8.07	8.5	32.07	28.84	2.59	4	102	0.185	SE
S2A	20200603	Cloudy	Moderate	Mid-Ebb	S	1	11:04	7.71	8.57	31.63	28.66	2.5	3	102	0.161	E
S3	20200603	Cloudy	Moderate	Mid-Ebb	B	9	9:39	7.75	8.64	32.11	28.61	2.99	3	103	0.2	SE
S3	20200603	Cloudy	Moderate	Mid-Ebb	B	9	9:39	7.74	8.52	32.02	28.61	2.79	2	101	0.233	SE
S3	20200603	Cloudy	Moderate	Mid-Ebb	M	5	9:40	7.86	8.26	31.89	28.6	2.2	2	101	0.181	SE
S3	20200603	Cloudy	Moderate	Mid-Ebb	M	5	9:40	8.38	8.39	31.6	28.45	2.27	2	102	0.189	E
S3	20200603	Cloudy	Moderate	Mid-Ebb	S	1	9:41	8.19	8.6	32.1	28.43	2.67	2	101	0.244	SE
S3	20200603	Cloudy	Moderate	Mid-Ebb	S	1	9:41	7.81	8.56	32.09	28.6	2.23	2	102	0.159	SE
B1	20200603	Cloudy	Moderate	Mid-Flood	B	3.6	15:22	7.81	8.44	31.42	29.24	2.83	6	99	0.189	W
B1	20200603	Cloudy	Moderate	Mid-Flood	B	3.6	15:22	7.77	8.33	31.51	29.34	2.63	6	99	0.265	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B1	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:23	8.03	8.38	31.58	29.27	2.25	5	99	0.27	W
B1	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:23	8.13	8.45	31.75	29.49	2.18	6	99	0.255	W
B2	20200603	Cloudy	Moderate	Mid-Flood	B	4	15:04	7.86	8.46	31.49	29.42	2.8	6	98	0.175	W
B2	20200603	Cloudy	Moderate	Mid-Flood	B	4	15:04	8.25	8.41	31.46	29.35	2.99	6	98	0.234	W
B2	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:05	8.23	8.35	31.9	29.18	2.35	8	98	0.253	W
B2	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:05	8.22	8.6	31.41	29.41	2.04	8	98	0.261	NW
B3	20200603	Cloudy	Moderate	Mid-Flood	B	4	15:50	7.82	8.36	31.43	29.45	3.18	5	99	0.259	W
B3	20200603	Cloudy	Moderate	Mid-Flood	B	4	15:50	8.14	8.48	31.49	29.29	2.88	5	97	0.276	W
B3	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:51	8.16	8.45	31.61	29.42	2.52	4	98	0.256	W
B3	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:51	8.02	8.48	31.63	29.53	2.51	5	97	0.187	W
B4	20200603	Cloudy	Moderate	Mid-Flood	B	3.7	15:58	7.73	8.4	31.59	29.12	2.7	6	97	0.262	W
B4	20200603	Cloudy	Moderate	Mid-Flood	B	3.7	15:58	8.36	8.32	31.85	29.38	3.1	7	98	0.28	W
B4	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:59	8.08	8.45	31.73	29.27	2.52	5	99	0.269	W
B4	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:59	8.07	8.36	31.58	29.31	2.5	5	98	0.252	W
C1A	20200603	Cloudy	Moderate	Mid-Flood	B	9.7	16:06	7.78	8.42	31.8	29.32	2.65	8	99	0.261	W
C1A	20200603	Cloudy	Moderate	Mid-Flood	B	9.7	16:06	8	8.6	31.54	29.28	2.54	7	97	0.224	W
C1A	20200603	Cloudy	Moderate	Mid-Flood	M	5.35	16:07	8	8.4	31.89	29.29	2.56	6	99	0.272	W
C1A	20200603	Cloudy	Moderate	Mid-Flood	M	5.35	16:07	7.99	8.4	31.57	29.28	2.58	7	99	0.174	W
C1A	20200603	Cloudy	Moderate	Mid-Flood	S	1	16:08	8.18	8.5	31.5	29.25	2.44	6	98	0.281	W
C1A	20200603	Cloudy	Moderate	Mid-Flood	S	1	16:08	7.94	8.38	31.63	29.35	2.08	7	98	0.179	W
C2A	20200603	Cloudy	Moderate	Mid-Flood	B	10.7	15:04	8.22	8.37	31.54	29.46	2.92	6	98	0.276	W
C2A	20200603	Cloudy	Moderate	Mid-Flood	B	10.7	15:04	8.09	8.51	31.83	29.25	2.74	6	98	0.282	W
C2A	20200603	Cloudy	Moderate	Mid-Flood	M	5.85	15:05	7.88	8.49	31.95	29.43	2.28	5	100	0.225	W
C2A	20200603	Cloudy	Moderate	Mid-Flood	M	5.85	15:05	8.28	8.51	31.51	29.25	2.74	6	99	0.256	W
C2A	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:06	7.86	8.52	31.71	29.19	2.36	7	98	0.241	NW
C2A	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:06	8.1	8.52	31.72	29.28	2.42	8	98	0.198	NW
CR1	20200603	Cloudy	Moderate	Mid-Flood	B	11.1	15:24	8.05	8.45	31.48	29.36	2.75	6	102	0.26	W
CR1	20200603	Cloudy	Moderate	Mid-Flood	B	11.1	15:24	8.25	8.57	31.91	29.27	2.88	6	102	0.212	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
CR1	20200603	Cloudy	Moderate	Mid-Flood	M	6.05	15:25	7.71	8.58	31.78	29.3	2.5	6	102	0.269	W
CR1	20200603	Cloudy	Moderate	Mid-Flood	M	6.05	15:25	7.76	8.54	31.91	29.49	2.43	7	102	0.23	W
CR1	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:26	8.25	8.4	31.65	29.31	2.19	7	101	0.233	W
CR1	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:26	8.03	8.47	31.53	29.25	2.1	7	102	0.233	W
CR2	20200603	Cloudy	Moderate	Mid-Flood	B	10	15:40	7.95	8.55	31.72	29.48	2.83	6	101	0.168	W
CR2	20200603	Cloudy	Moderate	Mid-Flood	B	10	15:40	8.06	8.42	31.65	29.55	2.78	6	101	0.229	W
CR2	20200603	Cloudy	Moderate	Mid-Flood	M	5.5	15:41	7.84	8.58	31.68	29.37	2.26	7	101	0.226	W
CR2	20200603	Cloudy	Moderate	Mid-Flood	M	5.5	15:41	7.86	8.59	31.45	29.36	2.49	6	101	0.183	W
CR2	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:42	7.82	8.32	31.61	29.25	2.52	6	102	0.198	W
CR2	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:42	7.66	8.55	31.64	29.46	2.16	6	101	0.239	W
F1A	20200603	Cloudy	Moderate	Mid-Flood	B	6.7	16:18	7.83	8.56	31.8	29.14	2.58	5	101	0.192	W
F1A	20200603	Cloudy	Moderate	Mid-Flood	B	6.7	16:18	8.07	8.53	31.6	29.41	3.05	5	98	0.176	W
F1A	20200603	Cloudy	Moderate	Mid-Flood	M	3.85	16:19	7.66	8.6	31.81	29.37	2.28	6	99	0.221	NW
F1A	20200603	Cloudy	Moderate	Mid-Flood	M	3.85	16:19	8.3	8.61	31.92	29.32	2.7	7	97	0.244	W
F1A	20200603	Cloudy	Moderate	Mid-Flood	S	1	16:20	8.2	8.42	31.8	29.35	2.17	7	98	0.19	W
F1A	20200603	Cloudy	Moderate	Mid-Flood	S	1	16:20	8.41	8.43	31.73	29.29	2.06	6	98	0.2	W
H1	20200603	Cloudy	Moderate	Mid-Flood	B	7.1	16:29	8.21	8.36	31.78	29.03	3.02	6	98	0.214	W
H1	20200603	Cloudy	Moderate	Mid-Flood	B	7.1	16:29	7.89	8.37	31.74	29.14	2.86	7	99	0.269	NW
H1	20200603	Cloudy	Moderate	Mid-Flood	M	4.05	16:30	7.73	8.34	31.86	29.36	2.2	7	99	0.229	W
H1	20200603	Cloudy	Moderate	Mid-Flood	M	4.05	16:30	7.96	8.57	31.51	29.19	2.43	6	99	0.246	W
H1	20200603	Cloudy	Moderate	Mid-Flood	S	1	16:31	7.94	8.38	31.84	29.19	2.53	8	96	0.269	NW
H1	20200603	Cloudy	Moderate	Mid-Flood	S	1	16:31	7.73	8.33	31.53	29.37	2.12	7	98	0.198	NW
M1	20200603	Cloudy	Moderate	Mid-Flood	B	6.9	16:40	8.26	8.36	31.73	29.21	2.84	6	101	0.265	W
M1	20200603	Cloudy	Moderate	Mid-Flood	B	6.9	16:40	8.34	8.44	31.42	29.16	2.62	7	101	0.182	NW
M1	20200603	Cloudy	Moderate	Mid-Flood	M	3.95	16:41	8.08	8.37	31.76	29.25	2.62	6	101	0.236	W
M1	20200603	Cloudy	Moderate	Mid-Flood	M	3.95	16:41	8.19	8.58	31.67	29.17	2.67	6	102	0.22	W
M1	20200603	Cloudy	Moderate	Mid-Flood	S	1	16:42	7.8	8.47	31.45	29.02	2.51	8	101	0.233	W
M1	20200603	Cloudy	Moderate	Mid-Flood	S	1	16:42	8.24	8.35	31.74	29.24	2.22	8	101	0.223	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
S1	20200603	Cloudy	Moderate	Mid-Flood	B	4.4	15:13	8.2	8.37	31.85	29.35	2.63	8	99	0.241	W
S1	20200603	Cloudy	Moderate	Mid-Flood	B	4.4	15:13	8.12	8.35	31.57	29.41	2.9	7	99	0.17	W
S1	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:14	8.23	8.53	31.76	29.38	2.54	7	100	0.209	NW
S1	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:14	7.68	8.39	31.83	29.2	2.23	6	98	0.21	W
S2A	20200603	Cloudy	Moderate	Mid-Flood	B	8.5	15:37	8.14	8.49	31.49	29.39	2.52	7	98	0.252	W
S2A	20200603	Cloudy	Moderate	Mid-Flood	B	8.5	15:37	7.93	8.44	31.68	29.57	2.99	6	98	0.176	W
S2A	20200603	Cloudy	Moderate	Mid-Flood	M	4.75	15:38	8.07	8.48	31.57	29.45	2.22	7	99	0.193	W
S2A	20200603	Cloudy	Moderate	Mid-Flood	M	4.75	15:38	8.37	8.47	31.52	29.35	2.62	6	99	0.24	NW
S2A	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:39	7.95	8.5	31.92	29.41	2.54	8	98	0.196	W
S2A	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:39	7.78	8.6	31.55	29.48	2.55	7	98	0.236	W
S3	20200603	Cloudy	Moderate	Mid-Flood	B	9.4	15:49	7.9	8.38	31.41	29.48	3.21	8	99	0.19	W
S3	20200603	Cloudy	Moderate	Mid-Flood	B	9.4	15:49	8.05	8.46	31.66	29.35	2.8	7	101	0.186	W
S3	20200603	Cloudy	Moderate	Mid-Flood	M	5.2	15:50	8.14	8.49	31.69	29.57	2.36	6	98	0.224	W
S3	20200603	Cloudy	Moderate	Mid-Flood	M	5.2	15:50	8.4	8.61	31.62	29.26	2.62	6	97	0.186	W
S3	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:51	7.76	8.44	31.75	29.51	2.51	7	98	0.229	W
S3	20200603	Cloudy	Moderate	Mid-Flood	S	1	15:51	8.05	8.33	31.47	29.36	2.43	6	97	0.201	W
B1	20200605	Sunny	Moderate	Mid-Ebb	B	3.9	12:17	8.09	8.53	31.99	30.51	2.91	3	102	0.185	SE
B1	20200605	Sunny	Moderate	Mid-Ebb	B	3.9	12:17	8.18	8.47	31.85	30.52	2.91	3	102	0.25	SE
B1	20200605	Sunny	Moderate	Mid-Ebb	S	1	12:18	8.24	8.43	32.22	30.51	2.28	3	102	0.23	SE
B1	20200605	Sunny	Moderate	Mid-Ebb	S	1	12:18	7.68	8.32	32.3	30.5	2.52	2	102	0.244	E
B2	20200605	Sunny	Moderate	Mid-Ebb	B	4.2	12:36	8.09	8.46	32.1	30.17	2.69	3	103	0.175	E
B2	20200605	Sunny	Moderate	Mid-Ebb	B	4.2	12:36	7.59	8.37	31.95	30.37	2.93	3	102	0.149	E
B2	20200605	Sunny	Moderate	Mid-Ebb	S	1	12:37	7.38	8.43	31.89	30.15	1.95	3	102	0.251	SE
B2	20200605	Sunny	Moderate	Mid-Ebb	S	1	12:37	7.4	8.37	32.24	30.3	2.35	3	102	0.218	E
B3	20200605	Sunny	Moderate	Mid-Ebb	B	3.8	11:38	8.08	8.47	32.21	30.42	2.9	2	102	0.173	SE
B3	20200605	Sunny	Moderate	Mid-Ebb	B	3.8	11:38	8.07	8.54	32.37	30.46	2.79	2	101	0.156	SE
B3	20200605	Sunny	Moderate	Mid-Ebb	S	1	11:39	7.14	8.35	32.32	30.04	2.25	2	104	0.243	SE
B3	20200605	Sunny	Moderate	Mid-Ebb	S	1	11:39	7.63	8.53	32.26	30.09	2.47	3	102	0.203	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B4	20200605	Sunny	Moderate	Mid-Ebb	B	3.1	11:46	7.9	8.4	32.1	30.1	3.14	3	102	0.222	SE
B4	20200605	Sunny	Moderate	Mid-Ebb	B	3.1	11:46	8.34	8.29	32.35	30.46	2.63	3	102	0.203	SE
B4	20200605	Sunny	Moderate	Mid-Ebb	S	1	11:47	8.16	8.33	31.87	30.34	2.49	4	102	0.148	E
B4	20200605	Sunny	Moderate	Mid-Ebb	S	1	11:47	8.22	8.35	32.08	30.39	2.27	3	102	0.204	E
C1A	20200605	Sunny	Moderate	Mid-Ebb	B	9.8	10:13	8	8.29	32.39	30.12	2.81	3	102	0.23	SE
C1A	20200605	Sunny	Moderate	Mid-Ebb	B	9.8	10:13	7.67	8.28	31.8	29.92	2.87	3	102	0.184	E
C1A	20200605	Sunny	Moderate	Mid-Ebb	M	5.4	10:14	7.5	8.45	32.36	29.82	2.05	<2	101	0.212	SE
C1A	20200605	Sunny	Moderate	Mid-Ebb	M	5.4	10:14	7.44	8.27	32.14	29.93	2.28	<2	101	0.231	SE
C1A	20200605	Sunny	Moderate	Mid-Ebb	S	1	10:15	7.49	8.47	31.97	29.8	2.37	2	102	0.241	SE
C1A	20200605	Sunny	Moderate	Mid-Ebb	S	1	10:15	7.67	8.31	31.8	29.99	2.27	3	103	0.225	SE
C2A	20200605	Sunny	Moderate	Mid-Ebb	B	10.3	11:34	8.28	8.31	32.2	30.13	2.87	3	102	0.169	SE
C2A	20200605	Sunny	Moderate	Mid-Ebb	B	10.3	11:34	7.45	8.42	32.24	30.37	2.93	3	102	0.23	E
C2A	20200605	Sunny	Moderate	Mid-Ebb	M	5.65	11:35	8.16	8.31	32.12	30.33	2.48	2	102	0.163	E
C2A	20200605	Sunny	Moderate	Mid-Ebb	M	5.65	11:35	7.85	8.35	32.36	30.35	2.49	3	101	0.193	E
C2A	20200605	Sunny	Moderate	Mid-Ebb	S	1	11:36	8.36	8.27	32.01	30.31	2.46	3	100	0.158	SE
C2A	20200605	Sunny	Moderate	Mid-Ebb	S	1	11:36	7.93	8.46	32.03	30.41	2.16	2	100	0.25	SE
CR1	20200605	Sunny	Moderate	Mid-Ebb	B	12.4	11:14	7.29	8.32	32.39	30.24	2.68	4	103	0.24	SE
CR1	20200605	Sunny	Moderate	Mid-Ebb	B	12.4	11:14	8.24	8.28	32.11	30.17	2.85	4	102	0.163	SE
CR1	20200605	Sunny	Moderate	Mid-Ebb	M	6.7	11:15	7.72	8.38	32.21	30.3	2.21	4	102	0.221	SE
CR1	20200605	Sunny	Moderate	Mid-Ebb	M	6.7	11:15	7.77	8.31	32.16	30.04	2.54	4	102	0.232	E
CR1	20200605	Sunny	Moderate	Mid-Ebb	S	1	11:16	7.57	8.44	31.95	30.09	1.98	4	102	0.242	SE
CR1	20200605	Sunny	Moderate	Mid-Ebb	S	1	11:16	7.25	8.4	31.91	30.35	2.17	4	101	0.244	SE
CR2	20200605	Sunny	Moderate	Mid-Ebb	B	10.6	10:57	7.15	8.26	31.8	30.32	2.56	3	102	0.244	SE
CR2	20200605	Sunny	Moderate	Mid-Ebb	B	10.6	10:57	8.17	8.36	31.93	30.24	2.78	4	101	0.178	SE
CR2	20200605	Sunny	Moderate	Mid-Ebb	M	5.8	10:58	7.1	8.33	32.15	29.97	2.28	3	101	0.18	SE
CR2	20200605	Sunny	Moderate	Mid-Ebb	M	5.8	10:58	7.26	8.37	32.38	30.26	2.16	3	102	0.235	SE
CR2	20200605	Sunny	Moderate	Mid-Ebb	S	1	10:59	7.81	8.31	31.95	30.13	2.24	4	101	0.237	SE
CR2	20200605	Sunny	Moderate	Mid-Ebb	S	1	10:59	7.18	8.31	32.02	30.32	2.12	4	101	0.234	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	20200605	Sunny	Moderate	Mid-Ebb	B	7.5	11:13	7.43	8.35	32.17	30.35	2.74	3	101	0.189	SE
F1A	20200605	Sunny	Moderate	Mid-Ebb	B	7.5	11:13	7.9	8.4	32.33	30.07	2.84	3	102	0.153	SE
F1A	20200605	Sunny	Moderate	Mid-Ebb	M	4.25	11:14	7.28	8.35	32.4	30	2.02	3	101	0.166	SE
F1A	20200605	Sunny	Moderate	Mid-Ebb	M	4.25	11:14	8.24	8.52	32.04	29.95	2.03	3	101	0.152	SE
F1A	20200605	Sunny	Moderate	Mid-Ebb	S	1	11:15	7.09	8.31	31.8	30.11	2.13	4	101	0.161	SE
F1A	20200605	Sunny	Moderate	Mid-Ebb	S	1	11:15	7.11	8.32	31.93	30.25	2.34	4	102	0.15	SE
H1	20200605	Sunny	Moderate	Mid-Ebb	B	7.7	10:38	7.42	8.34	31.94	29.99	2.68	3	101	0.168	E
H1	20200605	Sunny	Moderate	Mid-Ebb	B	7.7	10:38	7.53	8.49	32	29.91	2.79	3	102	0.223	SE
H1	20200605	Sunny	Moderate	Mid-Ebb	M	4.35	10:39	7.95	8.48	31.81	29.82	1.96	3	102	0.25	SE
H1	20200605	Sunny	Moderate	Mid-Ebb	M	4.35	10:39	8.23	8.38	32.11	30.03	1.88	4	103	0.154	SE
H1	20200605	Sunny	Moderate	Mid-Ebb	S	1	10:40	7.18	8.32	32.35	30.15	2.2	2	102	0.241	E
H1	20200605	Sunny	Moderate	Mid-Ebb	S	1	10:40	7.39	8.4	31.99	30.15	1.95	4	102	0.23	SE
M1	20200605	Sunny	Moderate	Mid-Ebb	B	7.8	10:49	7.38	8.32	32.17	29.93	2.54	3	102	0.149	SE
M1	20200605	Sunny	Moderate	Mid-Ebb	B	7.8	10:49	7.51	8.48	32.04	29.99	2.72	3	101	0.238	E
M1	20200605	Sunny	Moderate	Mid-Ebb	M	4.4	10:50	7.32	8.32	32.04	30.33	2.39	4	103	0.153	E
M1	20200605	Sunny	Moderate	Mid-Ebb	M	4.4	10:50	7.12	8.47	32.13	30.11	1.98	4	102	0.206	E
M1	20200605	Sunny	Moderate	Mid-Ebb	S	1	10:51	8.2	8.41	32.03	30.21	2.31	4	101	0.186	E
M1	20200605	Sunny	Moderate	Mid-Ebb	S	1	10:51	8.02	8.47	32.09	29.95	2.46	4	103	0.198	SE
S1	20200605	Sunny	Moderate	Mid-Ebb	B	4.4	12:26	8.08	8.31	32.15	30.39	2.75	2	102	0.179	SE
S1	20200605	Sunny	Moderate	Mid-Ebb	B	4.4	12:26	7.75	8.54	32.39	30.29	2.48	3	102	0.246	E
S1	20200605	Sunny	Moderate	Mid-Ebb	S	1	12:27	8.25	8.28	32.15	30.35	1.99	3	102	0.158	E
S1	20200605	Sunny	Moderate	Mid-Ebb	S	1	12:27	7.66	8.52	31.99	30.06	2.12	3	101	0.156	SE
S2A	20200605	Sunny	Moderate	Mid-Ebb	B	7.8	12:04	7.7	8.36	32.14	30.06	2.53	4	101	0.195	SE
S2A	20200605	Sunny	Moderate	Mid-Ebb	B	7.8	12:04	7.04	8.42	31.82	30.05	2.92	4	104	0.242	E
S2A	20200605	Sunny	Moderate	Mid-Ebb	M	4.4	12:05	8.19	8.46	32.27	30.26	2.33	4	102	0.203	SE
S2A	20200605	Sunny	Moderate	Mid-Ebb	M	4.4	12:05	7.54	8.5	32.17	30.13	2.33	4	101	0.199	SE
S2A	20200605	Sunny	Moderate	Mid-Ebb	S	1	12:06	7.24	8.51	32.2	30.14	2.44	4	102	0.192	E
S2A	20200605	Sunny	Moderate	Mid-Ebb	S	1	12:06	7.23	8.4	31.81	30.49	2.36	5	104	0.223	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	20200605	Sunny	Moderate	Mid-Ebb	B	10.3	11:05	7.7	8.52	32.07	29.97	2.62	4	102	0.196	SE
S3	20200605	Sunny	Moderate	Mid-Ebb	B	10.3	11:05	8.15	8.39	32.3	30.35	2.97	4	102	0.241	SE
S3	20200605	Sunny	Moderate	Mid-Ebb	M	5.65	11:06	8.25	8.32	32.33	30.37	2.39	3	102	0.187	SE
S3	20200605	Sunny	Moderate	Mid-Ebb	M	5.65	11:06	7.04	8.46	32.27	30.09	2.18	4	101	0.23	SE
S3	20200605	Sunny	Moderate	Mid-Ebb	S	1	11:07	8.04	8.34	32.21	29.95	2.55	4	102	0.164	SE
S3	20200605	Sunny	Moderate	Mid-Ebb	S	1	11:07	8.1	8.42	32.2	30.1	2.4	4	102	0.226	SE
B1	20200605	Sunny	Moderate	Mid-Flood	B	3.6	14:49	7.82	8.36	31.84	30.64	2.7	5	99	0.221	NW
B1	20200605	Sunny	Moderate	Mid-Flood	B	3.6	14:49	7.8	8.44	32.31	30.55	2.96	4	100	0.195	W
B1	20200605	Sunny	Moderate	Mid-Flood	S	1	14:50	8.03	8.33	31.8	30.38	2.49	4	99	0.206	W
B1	20200605	Sunny	Moderate	Mid-Flood	S	1	14:50	8.24	8.39	31.89	30.55	2.64	5	99	0.184	W
B2	20200605	Sunny	Moderate	Mid-Flood	B	3.4	14:32	8.14	8.41	31.71	30.66	2.92	4	99	0.169	W
B2	20200605	Sunny	Moderate	Mid-Flood	B	3.4	14:32	7.88	8.48	32.06	30.42	3.14	3	102	0.27	W
B2	20200605	Sunny	Moderate	Mid-Flood	S	1	14:33	7.97	8.37	31.87	30.63	2.31	4	99	0.196	W
B2	20200605	Sunny	Moderate	Mid-Flood	S	1	14:33	7.64	8.55	32.07	30.66	2.54	3	101	0.19	W
B3	20200605	Sunny	Moderate	Mid-Flood	B	4	15:16	8.01	8.38	31.94	30.49	3.06	4	100	0.243	W
B3	20200605	Sunny	Moderate	Mid-Flood	B	4	15:16	8.12	8.27	32.14	30.49	3.22	4	100	0.253	W
B3	20200605	Sunny	Moderate	Mid-Flood	S	1	15:17	7.77	8.37	32.2	30.38	2.57	3	99	0.215	W
B3	20200605	Sunny	Moderate	Mid-Flood	S	1	15:17	8.1	8.54	32.45	30.39	2.55	3	99	0.228	W
B4	20200605	Sunny	Moderate	Mid-Flood	B	3.9	15:25	8.25	8.26	32.32	30.51	2.78	6	100	0.201	W
B4	20200605	Sunny	Moderate	Mid-Flood	B	3.9	15:25	8.19	8.37	31.89	30.5	3.13	5	100	0.219	W
B4	20200605	Sunny	Moderate	Mid-Flood	S	1	15:26	7.63	8.49	31.72	30.41	2.45	4	99	0.203	W
B4	20200605	Sunny	Moderate	Mid-Flood	S	1	15:26	7.6	8.3	31.94	30.63	2.71	5	99	0.236	W
C1A	20200605	Sunny	Moderate	Mid-Flood	B	9	15:50	8.27	8.41	32.17	30.4	3.08	6	101	0.26	W
C1A	20200605	Sunny	Moderate	Mid-Flood	B	9	15:50	8.24	8.47	32.36	30.43	3.05	6	99	0.253	W
C1A	20200605	Sunny	Moderate	Mid-Flood	M	5	15:51	7.64	8.56	32.41	30.46	2.68	7	99	0.281	W
C1A	20200605	Sunny	Moderate	Mid-Flood	M	5	15:51	8.07	8.48	32.33	30.37	2.82	7	99	0.265	W
C1A	20200605	Sunny	Moderate	Mid-Flood	S	1	15:52	8.24	8.3	32.33	30.48	2.18	6	99	0.177	W
C1A	20200605	Sunny	Moderate	Mid-Flood	S	1	15:52	8.19	8.35	32.38	30.4	2.62	6	100	0.168	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20200605	Sunny	Moderate	Mid-Flood	B	10.9	14:32	8.31	8.27	32.39	30.52	3.05	6	98	0.224	W
C2A	20200605	Sunny	Moderate	Mid-Flood	B	10.9	14:32	7.73	8.33	32.52	30.47	2.71	5	100	0.251	W
C2A	20200605	Sunny	Moderate	Mid-Flood	M	5.95	14:33	7.71	8.42	31.81	30.53	2.65	6	98	0.221	NW
C2A	20200605	Sunny	Moderate	Mid-Flood	M	5.95	14:33	7.64	8.57	32.17	30.65	2.44	7	99	0.198	W
C2A	20200605	Sunny	Moderate	Mid-Flood	S	1	14:34	8.13	8.32	32.11	30.56	2.29	7	98	0.266	W
C2A	20200605	Sunny	Moderate	Mid-Flood	S	1	14:34	8.08	8.46	32.14	30.65	2.64	6	100	0.218	W
CR1	20200605	Sunny	Moderate	Mid-Flood	B	11.7	15:02	7.73	8.35	31.85	30.5	3.07	5	98	0.204	W
CR1	20200605	Sunny	Moderate	Mid-Flood	B	11.7	15:02	7.57	8.46	31.78	30.44	2.81	5	99	0.168	W
CR1	20200605	Sunny	Moderate	Mid-Flood	M	6.35	15:03	8.25	8.42	31.89	30.46	2.37	5	99	0.195	W
CR1	20200605	Sunny	Moderate	Mid-Flood	M	6.35	15:03	7.57	8.48	31.88	30.35	2.78	5	98	0.257	W
CR1	20200605	Sunny	Moderate	Mid-Flood	S	1	15:04	8.13	8.48	32.1	30.36	2.2	5	98	0.273	W
CR1	20200605	Sunny	Moderate	Mid-Flood	S	1	15:04	7.76	8.37	32.33	30.37	2.24	5	100	0.206	W
CR2	20200605	Sunny	Moderate	Mid-Flood	B	10.8	15:19	8.22	8.29	31.88	30.36	2.86	4	99	0.224	W
CR2	20200605	Sunny	Moderate	Mid-Flood	B	10.8	15:19	7.93	8.43	32.54	30.43	2.59	4	99	0.236	W
CR2	20200605	Sunny	Moderate	Mid-Flood	M	5.9	15:20	8.13	8.57	32.45	30.43	2.58	4	99	0.173	W
CR2	20200605	Sunny	Moderate	Mid-Flood	M	5.9	15:20	8.13	8.37	32.02	30.48	2.58	4	98	0.238	W
CR2	20200605	Sunny	Moderate	Mid-Flood	S	1	15:21	7.82	8.37	31.82	30.59	2.47	5	99	0.234	NW
CR2	20200605	Sunny	Moderate	Mid-Flood	S	1	15:21	8.08	8.3	31.85	30.41	2.43	4	99	0.218	W
F1A	20200605	Sunny	Moderate	Mid-Flood	B	6.8	15:44	8.28	8.46	31.71	30.6	2.66	4	98	0.254	W
F1A	20200605	Sunny	Moderate	Mid-Flood	B	6.8	15:44	7.97	8.34	31.81	30.39	3.14	4	98	0.18	NW
F1A	20200605	Sunny	Moderate	Mid-Flood	M	3.9	15:45	8.05	8.44	31.74	30.33	2.55	5	99	0.234	W
F1A	20200605	Sunny	Moderate	Mid-Flood	M	3.9	15:45	8.13	8.41	32.41	30.32	2.72	5	98	0.244	NW
F1A	20200605	Sunny	Moderate	Mid-Flood	S	1	15:46	7.55	8.53	32.07	30.48	2.41	6	98	0.26	W
F1A	20200605	Sunny	Moderate	Mid-Flood	S	1	15:46	8.27	8.44	32.27	30.47	2.3	7	98	0.235	W
H1	20200605	Sunny	Moderate	Mid-Flood	B	7.4	16:08	8.04	8.54	31.93	30.54	2.65	6	99	0.233	W
H1	20200605	Sunny	Moderate	Mid-Flood	B	7.4	16:08	8.13	8.35	32.48	30.53	3.11	6	99	0.27	W
H1	20200605	Sunny	Moderate	Mid-Flood	M	4.2	16:09	7.59	8.36	32.08	30.32	2.55	6	99	0.223	W
H1	20200605	Sunny	Moderate	Mid-Flood	M	4.2	16:09	7.71	8.56	31.98	30.33	2.25	6	102	0.188	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200605	Sunny	Moderate	Mid-Flood	S	1	16:10	8.01	8.58	32.14	30.59	2.18	6	100	0.266	W
H1	20200605	Sunny	Moderate	Mid-Flood	S	1	16:10	8.21	8.54	31.98	30.33	2.13	7	99	0.264	W
M1	20200605	Sunny	Moderate	Mid-Flood	B	7.6	16:06	7.62	8.48	31.75	30.34	2.96	5	99	0.187	W
M1	20200605	Sunny	Moderate	Mid-Flood	B	7.6	16:06	7.6	8.38	32.55	30.25	2.86	4	99	0.171	NW
M1	20200605	Sunny	Moderate	Mid-Flood	M	4.3	16:07	7.57	8.26	31.9	30.6	2.36	5	99	0.184	W
M1	20200605	Sunny	Moderate	Mid-Flood	M	4.3	16:07	8.24	8.56	32.37	30.34	2.35	6	100	0.222	W
M1	20200605	Sunny	Moderate	Mid-Flood	S	1	16:08	8.02	8.36	32.13	30.58	2.49	5	99	0.275	NW
M1	20200605	Sunny	Moderate	Mid-Flood	S	1	16:08	8.06	8.43	32.44	30.28	2.3	6	99	0.229	W
S1	20200605	Sunny	Moderate	Mid-Flood	B	4.3	14:41	7.6	8.34	32.05	30.67	2.92	4	98	0.226	NW
S1	20200605	Sunny	Moderate	Mid-Flood	B	4.3	14:41	8.2	8.27	32.11	30.45	2.69	4	98	0.243	NW
S1	20200605	Sunny	Moderate	Mid-Flood	S	1	14:42	8.14	8.47	31.91	30.65	2.2	5	97	0.277	W
S1	20200605	Sunny	Moderate	Mid-Flood	S	1	14:42	7.59	8.55	31.78	30.4	2.13	5	97	0.247	W
S2A	20200605	Sunny	Moderate	Mid-Flood	B	8.8	15:02	8.21	8.35	32.26	30.59	3.16	4	98	0.239	NW
S2A	20200605	Sunny	Moderate	Mid-Flood	B	8.8	15:02	8.07	8.43	31.84	30.5	3.1	4	99	0.268	W
S2A	20200605	Sunny	Moderate	Mid-Flood	M	4.9	15:03	8.12	8.51	32.23	30.45	2.47	4	98	0.228	W
S2A	20200605	Sunny	Moderate	Mid-Flood	M	4.9	15:03	8.16	8.25	32.2	30.44	2.28	5	98	0.177	W
S2A	20200605	Sunny	Moderate	Mid-Flood	S	1	15:04	7.66	8.34	32.26	30.37	2.14	4	99	0.194	W
S2A	20200605	Sunny	Moderate	Mid-Flood	S	1	15:04	7.72	8.31	31.97	30.44	2.35	4	102	0.273	NW
S3	20200605	Sunny	Moderate	Mid-Flood	B	9.8	15:26	7.96	8.28	32.48	30.37	2.95	5	98	0.201	NW
S3	20200605	Sunny	Moderate	Mid-Flood	B	9.8	15:26	7.54	8.28	32.25	30.47	3.14	6	98	0.187	NW
S3	20200605	Sunny	Moderate	Mid-Flood	M	5.4	15:27	7.98	8.28	32.12	30.55	2.79	5	96	0.183	W
S3	20200605	Sunny	Moderate	Mid-Flood	M	5.4	15:27	8.21	8.33	31.87	30.49	2.35	5	96	0.175	W
S3	20200605	Sunny	Moderate	Mid-Flood	S	1	15:28	8.03	8.35	32.17	30.39	2.48	5	98	0.264	NW
S3	20200605	Sunny	Moderate	Mid-Flood	S	1	15:28	7.8	8.5	31.77	30.31	2.39	5	100	0.178	W
B1	20200608	Cloudy	Moderate	Mid-Flood	B	4.2	10:38	7.9	8.51	31.97	28.17	3.5	<2	95	0.235	W
B1	20200608	Cloudy	Moderate	Mid-Flood	B	4.2	10:38	8.65	8.21	31.92	28.32	3.69	<2	96	0.258	NW
B1	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:39	8.42	8.37	31.89	28.18	3.13	2	96	0.243	W
B1	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:39	7.98	8.3	31.61	28.39	2.86	2	95	0.268	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20200608	Cloudy	Moderate	Mid-Flood	B	3.5	10:55	8.88	8.27	31.79	28.2	3.45	<2	94	0.193	W
B2	20200608	Cloudy	Moderate	Mid-Flood	B	3.5	10:55	8.71	8.22	31.63	28.15	3.28	<2	96	0.25	W
B2	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:56	8.81	8.48	31.6	28.2	3.15	2	94	0.207	W
B2	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:56	7.92	8.16	31.35	28.34	3.2	2	95	0.28	W
B3	20200608	Cloudy	Moderate	Mid-Flood	B	3.8	10:07	8	8.46	32.04	28.27	3.5	2	94	0.225	W
B3	20200608	Cloudy	Moderate	Mid-Flood	B	3.8	10:07	7.97	8.52	32.03	28.22	3.5	2	94	0.201	W
B3	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:08	8.64	8.19	31.75	28.11	2.98	2	95	0.21	W
B3	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:08	8.58	8.54	31.91	28.16	2.74	2	95	0.261	NW
B4	20200608	Cloudy	Moderate	Mid-Flood	B	4.1	9:58	8.79	8.52	31.58	28.35	3.91	<2	95	0.216	W
B4	20200608	Cloudy	Moderate	Mid-Flood	B	4.1	9:58	8.06	8.33	31.36	28.33	3.76	<2	95	0.237	W
B4	20200608	Cloudy	Moderate	Mid-Flood	S	1	9:59	7.98	8.16	31.85	28.4	2.86	<2	95	0.192	NW
B4	20200608	Cloudy	Moderate	Mid-Flood	S	1	9:59	7.97	8.45	31.61	28.19	3.16	<2	95	0.23	NW
C1A	20200608	Cloudy	Moderate	Mid-Flood	B	10.4	9:58	7.87	8.23	31.58	28.19	3.41	<2	96	0.253	W
C1A	20200608	Cloudy	Moderate	Mid-Flood	B	10.4	9:58	7.86	8.55	31.86	28.33	3.7	<2	94	0.221	W
C1A	20200608	Cloudy	Moderate	Mid-Flood	M	5.7	9:59	8.49	8.27	31.66	28.25	3.17	<2	95	0.168	W
C1A	20200608	Cloudy	Moderate	Mid-Flood	M	5.7	9:59	8.16	8.25	31.8	28.34	3.1	<2	95	0.231	W
C1A	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:00	8.15	8.18	31.69	28.22	2.86	<2	95	0.193	W
C1A	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:00	8.04	8.43	31.8	28.14	3.23	<2	93	0.203	NW
C2A	20200608	Cloudy	Moderate	Mid-Flood	B	10.7	8:52	7.87	8.49	31.59	28.33	3.37	2	95	0.243	W
C2A	20200608	Cloudy	Moderate	Mid-Flood	B	10.7	8:52	8.71	8.4	31.33	28.25	3.53	2	94	0.187	W
C2A	20200608	Cloudy	Moderate	Mid-Flood	M	5.85	8:53	8.28	8.36	31.94	28.19	3.05	2	94	0.262	W
C2A	20200608	Cloudy	Moderate	Mid-Flood	M	5.85	8:53	8.01	8.24	31.92	28.08	3.23	2	94	0.25	W
C2A	20200608	Cloudy	Moderate	Mid-Flood	S	1	8:54	8.41	8.36	31.94	28.28	2.98	<2	93	0.172	W
C2A	20200608	Cloudy	Moderate	Mid-Flood	S	1	8:54	8.26	8.47	31.67	28.13	3.14	<2	96	0.236	W
CR1	20200608	Cloudy	Moderate	Mid-Flood	B	12	9:14	8.38	8.56	31.48	28.49	3.24	<2	95	0.275	W
CR1	20200608	Cloudy	Moderate	Mid-Flood	B	12	9:14	7.89	8.4	31.5	28.24	3.31	<2	96	0.208	W
CR1	20200608	Cloudy	Moderate	Mid-Flood	M	6.5	9:15	8.07	8.23	31.69	28.18	2.98	<2	93	0.275	W
CR1	20200608	Cloudy	Moderate	Mid-Flood	M	6.5	9:15	8.41	8.5	31.77	28.12	3.23	<2	93	0.253	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20200608	Cloudy	Moderate	Mid-Flood	S	1	9:16	8.87	8.46	31.55	28.43	2.97	<2	95	0.265	W
CR1	20200608	Cloudy	Moderate	Mid-Flood	S	1	9:16	8.16	8.31	31.84	28.29	3.14	<2	94	0.279	W
CR2	20200608	Cloudy	Moderate	Mid-Flood	B	10.9	9:31	8.64	8.44	31.83	28.35	3.32	4	95	0.168	W
CR2	20200608	Cloudy	Moderate	Mid-Flood	B	10.9	9:31	8.91	8.53	31.61	28.31	3.49	3	96	0.182	NW
CR2	20200608	Cloudy	Moderate	Mid-Flood	M	5.95	9:32	8.33	8.29	32.04	28.24	3.15	2	96	0.203	W
CR2	20200608	Cloudy	Moderate	Mid-Flood	M	5.95	9:32	8.12	8.25	31.62	28.4	2.9	3	96	0.251	NW
CR2	20200608	Cloudy	Moderate	Mid-Flood	S	1	9:33	8.57	8.19	32.05	28.27	2.86	2	95	0.21	W
CR2	20200608	Cloudy	Moderate	Mid-Flood	S	1	9:33	8.79	8.58	31.84	28.39	2.73	2	94	0.222	W
F1A	20200608	Cloudy	Moderate	Mid-Flood	B	7.1	9:32	8.76	8.42	31.7	28.4	3.63	<2	96	0.242	W
F1A	20200608	Cloudy	Moderate	Mid-Flood	B	7.1	9:32	8.49	8.5	31.39	28.21	3.36	<2	95	0.197	W
F1A	20200608	Cloudy	Moderate	Mid-Flood	M	4.05	9:33	8.22	8.2	31.51	28.15	3.2	<2	94	0.274	W
F1A	20200608	Cloudy	Moderate	Mid-Flood	M	4.05	9:33	8.91	8.44	31.9	28.37	3.44	<2	93	0.257	W
F1A	20200608	Cloudy	Moderate	Mid-Flood	S	1	9:34	8.64	8.53	32.01	28.21	3.22	<2	95	0.184	W
F1A	20200608	Cloudy	Moderate	Mid-Flood	S	1	9:34	8.05	8.31	31.31	28.18	2.77	<2	95	0.251	NW
H1	20200608	Cloudy	Moderate	Mid-Flood	B	6.7	10:22	8.75	8.36	31.97	28.35	3.62	2	94	0.24	NW
H1	20200608	Cloudy	Moderate	Mid-Flood	B	6.7	10:22	7.93	8.53	31.93	28.37	3.38	2	94	0.26	W
H1	20200608	Cloudy	Moderate	Mid-Flood	M	3.85	10:23	8.88	8.21	31.71	28.2	2.94	<2	95	0.273	W
H1	20200608	Cloudy	Moderate	Mid-Flood	M	3.85	10:23	8.25	8.35	31.61	28.32	3.2	<2	95	0.266	W
H1	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:24	8.62	8.49	31.8	28.17	2.71	<2	95	0.217	NW
H1	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:24	7.91	8.44	31.95	28.17	2.91	<2	94	0.196	NW
M1	20200608	Cloudy	Moderate	Mid-Flood	B	7.2	9:08	8.88	8.32	31.48	28.37	3.23	2	94	0.262	W
M1	20200608	Cloudy	Moderate	Mid-Flood	B	7.2	9:08	7.88	8.48	31.6	28.21	3.52	2	94	0.231	W
M1	20200608	Cloudy	Moderate	Mid-Flood	M	4.1	9:09	8.38	8.41	31.43	28.13	2.99	3	95	0.168	W
M1	20200608	Cloudy	Moderate	Mid-Flood	M	4.1	9:09	8.83	8.45	31.33	28.1	3.04	2	95	0.176	W
M1	20200608	Cloudy	Moderate	Mid-Flood	S	1	9:10	7.92	8.18	31.71	28.16	2.99	3	94	0.223	W
M1	20200608	Cloudy	Moderate	Mid-Flood	S	1	9:10	8.55	8.3	31.43	28.07	2.9	3	94	0.241	W
S1	20200608	Cloudy	Moderate	Mid-Flood	B	4.8	10:47	8.64	8.32	31.72	28.38	3.67	<2	94	0.258	W
S1	20200608	Cloudy	Moderate	Mid-Flood	B	4.8	10:47	8.05	8.38	31.73	28.37	3.72	<2	94	0.275	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
S1	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:48	8.79	8.25	31.74	28.36	2.68	2	94	0.237	W
S1	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:48	8.86	8.28	32.01	28.33	3.24	2	95	0.189	W
S2A	20200608	Cloudy	Moderate	Mid-Flood	B	8.6	10:24	8.83	8.46	31.6	28.46	3.33	2	95	0.24	W
S2A	20200608	Cloudy	Moderate	Mid-Flood	B	8.6	10:24	8.19	8.2	31.91	28.38	3.41	2	94	0.211	W
S2A	20200608	Cloudy	Moderate	Mid-Flood	M	4.8	10:25	8.41	8.16	31.65	28.39	3.27	2	94	0.192	W
S2A	20200608	Cloudy	Moderate	Mid-Flood	M	4.8	10:25	8.08	8.57	31.99	28.42	3.27	2	93	0.194	W
S2A	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:26	8.4	8.3	31.57	28.25	2.96	<2	95	0.28	W
S2A	20200608	Cloudy	Moderate	Mid-Flood	S	1	10:26	7.96	8.53	31.83	28.34	2.99	<2	93	0.281	W
S3	20200608	Cloudy	Moderate	Mid-Flood	B	9	9:39	8.44	8.46	31.99	28.26	3.39	<2	96	0.22	W
S3	20200608	Cloudy	Moderate	Mid-Flood	B	9	9:39	8.53	8.48	31.63	28.14	3.89	<2	95	0.218	W
S3	20200608	Cloudy	Moderate	Mid-Flood	M	5	9:40	7.98	8.53	31.82	28.11	3.24	3	93	0.185	W
S3	20200608	Cloudy	Moderate	Mid-Flood	M	5	9:40	8.04	8.26	31.32	28.22	3.37	2	94	0.263	W
S3	20200608	Cloudy	Moderate	Mid-Flood	S	1	9:41	7.94	8.38	31.84	28.34	3	3	94	0.255	W
S3	20200608	Cloudy	Moderate	Mid-Flood	S	1	9:41	8.15	8.55	31.56	28.4	3.06	3	95	0.271	W
B1	20200608	Cloudy	Moderate	Mid-Ebb	B	3.9	13:10	8.02	8.31	31.81	28.13	3.38	<2	94	0.209	SE
B1	20200608	Cloudy	Moderate	Mid-Ebb	B	3.9	13:10	8.81	8.28	31.48	28.36	3.45	<2	95	0.22	SE
B1	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:11	8.44	8.28	31.59	28.25	2.53	3	94	0.166	SE
B1	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:11	8.83	8.26	31.5	28.11	2.86	2	94	0.247	SE
B2	20200608	Cloudy	Moderate	Mid-Ebb	B	4.5	12:51	8.74	8.18	31.24	28.38	3.09	2	94	0.154	SE
B2	20200608	Cloudy	Moderate	Mid-Ebb	B	4.5	12:51	8.35	8.41	31.59	28.37	3.26	2	93	0.224	SE
B2	20200608	Cloudy	Moderate	Mid-Ebb	S	1	12:52	8.11	8.41	31.79	28.22	2.75	3	94	0.233	SE
B2	20200608	Cloudy	Moderate	Mid-Ebb	S	1	12:52	8.26	8.28	31.64	28.24	3.03	3	94	0.249	SE
B3	20200608	Cloudy	Moderate	Mid-Ebb	B	4.2	13:37	8.55	8.35	31.9	28.23	3.71	<2	95	0.246	SE
B3	20200608	Cloudy	Moderate	Mid-Ebb	B	4.2	13:37	8.14	8.39	31.76	28.14	3.67	<2	94	0.243	SE
B3	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:38	8.03	8.21	31.57	28.16	2.91	2	94	0.168	E
B3	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:38	8.34	8.43	31.43	28.13	2.68	2	95	0.213	SE
B4	20200608	Cloudy	Moderate	Mid-Ebb	B	3.9	13:46	8.38	8.37	31.82	28.19	3.3	<2	95	0.203	E
B4	20200608	Cloudy	Moderate	Mid-Ebb	B	3.9	13:46	8.89	8.22	31.62	28.25	3.56	<2	94	0.163	E

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Integrated Waste Management Facilities, Phase 1
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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
B4	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:47	8.3	8.29	31.37	28.24	2.83	2	94	0.211	SE
B4	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:47	8.09	8.43	31.87	28.16	2.66	2	95	0.192	SE
C1A	20200608	Cloudy	Moderate	Mid-Ebb	B	9	12:45	8.13	8.32	31.43	28.42	3.31	<2	93	0.226	SE
C1A	20200608	Cloudy	Moderate	Mid-Ebb	B	9	12:45	8.54	8.26	31.47	28.28	3.1	<2	94	0.2	SE
C1A	20200608	Cloudy	Moderate	Mid-Ebb	M	5	12:46	7.97	8.31	31.69	28.48	3.06	3	94	0.249	SE
C1A	20200608	Cloudy	Moderate	Mid-Ebb	M	5	12:46	8.65	8.37	31.56	28.43	3.07	2	96	0.219	SE
C1A	20200608	Cloudy	Moderate	Mid-Ebb	S	1	12:47	7.96	8.31	31.45	28.47	2.83	2	94	0.179	SE
C1A	20200608	Cloudy	Moderate	Mid-Ebb	S	1	12:47	8.38	8.24	31.51	28.34	3.05	3	94	0.215	SE
C2A	20200608	Cloudy	Moderate	Mid-Ebb	B	10.4	13:59	8.29	8.29	31.5	28.42	3.39	3	93	0.157	SE
C2A	20200608	Cloudy	Moderate	Mid-Ebb	B	10.4	13:59	8.84	8.3	31.32	28.17	3.58	3	94	0.22	SE
C2A	20200608	Cloudy	Moderate	Mid-Ebb	M	5.7	14:00	8.54	8.23	31.36	28.28	3.09	2	94	0.201	SE
C2A	20200608	Cloudy	Moderate	Mid-Ebb	M	5.7	14:00	8.32	8.33	31.25	28.34	2.79	2	93	0.215	SE
C2A	20200608	Cloudy	Moderate	Mid-Ebb	S	1	14:01	8.76	8.42	31.59	28.23	2.7	<2	93	0.245	SE
C2A	20200608	Cloudy	Moderate	Mid-Ebb	S	1	14:01	8.65	8.31	31.6	28.46	2.91	<2	95	0.231	E
CR1	20200608	Cloudy	Moderate	Mid-Ebb	B	11.7	13:36	7.97	8.33	31.39	28.31	3.33	2	94	0.181	SE
CR1	20200608	Cloudy	Moderate	Mid-Ebb	B	11.7	13:36	8.02	8.21	31.46	28.51	3.45	2	94	0.166	E
CR1	20200608	Cloudy	Moderate	Mid-Ebb	M	6.35	13:37	8.49	8.32	31.36	28.55	3.01	2	94	0.17	SE
CR1	20200608	Cloudy	Moderate	Mid-Ebb	M	6.35	13:37	8.18	8.2	31.73	28.22	3.14	3	95	0.18	E
CR1	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:38	8.7	8.44	31.45	28.58	2.66	2	94	0.18	E
CR1	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:38	8.74	8.31	31.63	28.64	2.85	3	95	0.162	SE
CR2	20200608	Cloudy	Moderate	Mid-Ebb	B	10.1	13:16	8.19	8.2	31.72	28.36	3.23	2	94	0.226	E
CR2	20200608	Cloudy	Moderate	Mid-Ebb	B	10.1	13:16	8.19	8.34	31.57	28.53	3.23	2	95	0.207	E
CR2	20200608	Cloudy	Moderate	Mid-Ebb	M	5.55	13:17	8.23	8.34	31.65	28.48	2.61	2	95	0.18	E
CR2	20200608	Cloudy	Moderate	Mid-Ebb	M	5.55	13:17	8.6	8.43	31.68	28.34	2.98	2	94	0.146	SE
CR2	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:18	8.23	8.44	31.9	28.58	3.11	3	95	0.164	E
CR2	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:18	8.87	8.37	31.3	28.63	2.54	3	94	0.21	E
F1A	20200608	Cloudy	Moderate	Mid-Ebb	B	7.8	14:10	8.05	8.22	31.71	28.18	3.57	5	94	0.152	SE
F1A	20200608	Cloudy	Moderate	Mid-Ebb	B	7.8	14:10	8.86	8.22	31.59	28.46	3.54	6	94	0.242	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
F1A	20200608	Cloudy	Moderate	Mid-Ebb	M	4.4	14:11	8.63	8.43	31.65	28.48	2.93	4	95	0.16	E
F1A	20200608	Cloudy	Moderate	Mid-Ebb	M	4.4	14:11	8.41	8.19	31.85	28.14	2.89	5	94	0.234	SE
F1A	20200608	Cloudy	Moderate	Mid-Ebb	S	1	14:12	8.29	8.33	31.79	28.42	3	5	94	0.231	SE
F1A	20200608	Cloudy	Moderate	Mid-Ebb	S	1	14:12	8.51	8.21	31.29	28.22	2.89	4	93	0.165	E
H1	20200608	Cloudy	Moderate	Mid-Ebb	B	7	13:00	8.31	8.22	31.84	28.33	3.63	<2	95	0.23	SE
H1	20200608	Cloudy	Moderate	Mid-Ebb	B	7	13:00	8.14	8.35	31.63	28.15	3.62	<2	94	0.237	SE
H1	20200608	Cloudy	Moderate	Mid-Ebb	M	4	13:01	8.23	8.25	31.58	28.33	2.83	<2	93	0.213	SE
H1	20200608	Cloudy	Moderate	Mid-Ebb	M	4	13:01	8.69	8.33	31.57	28.5	2.69	<2	93	0.165	SE
H1	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:02	8.3	8.21	31.43	28.11	2.57	2	94	0.22	SE
H1	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:02	8.35	8.26	31.51	28.32	2.61	2	94	0.16	E
M1	20200608	Cloudy	Moderate	Mid-Ebb	B	8.6	14:32	8.29	8.35	31.21	28.28	3.56	2	94	0.204	SE
M1	20200608	Cloudy	Moderate	Mid-Ebb	B	8.6	14:32	8.85	8.28	31.77	28.26	3.47	2	95	0.229	SE
M1	20200608	Cloudy	Moderate	Mid-Ebb	M	4.8	14:33	8.09	8.16	31.9	28.29	2.87	3	93	0.252	SE
M1	20200608	Cloudy	Moderate	Mid-Ebb	M	4.8	14:33	8.17	8.23	31.24	28.06	2.96	2	95	0.201	E
M1	20200608	Cloudy	Moderate	Mid-Ebb	S	1	14:34	8.89	8.35	31.86	28.17	2.91	3	95	0.237	E
M1	20200608	Cloudy	Moderate	Mid-Ebb	S	1	14:34	7.94	8.29	31.54	28.09	2.64	3	95	0.165	E
S1	20200608	Cloudy	Moderate	Mid-Ebb	B	4.2	13:01	8.73	8.3	31.47	28.25	3.65	5	93	0.227	E
S1	20200608	Cloudy	Moderate	Mid-Ebb	B	4.2	13:01	8.3	8.25	31.61	28.22	3.36	4	94	0.222	E
S1	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:02	8.65	8.25	31.57	28.14	3.12	5	94	0.159	SE
S1	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:02	8.1	8.16	31.77	28.25	2.76	5	94	0.25	SE
S2A	20200608	Cloudy	Moderate	Mid-Ebb	B	8.3	13:23	8.24	8.28	31.48	28.06	3.21	5	94	0.175	SE
S2A	20200608	Cloudy	Moderate	Mid-Ebb	B	8.3	13:23	8.86	8.3	31.69	28.18	3.58	4	94	0.211	SE
S2A	20200608	Cloudy	Moderate	Mid-Ebb	M	4.65	13:24	8.58	8.27	31.87	28.07	3.02	4	93	0.231	E
S2A	20200608	Cloudy	Moderate	Mid-Ebb	M	4.65	13:24	8.39	8.34	31.61	28.14	3.07	5	94	0.154	SE
S2A	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:25	8.28	8.21	31.28	28.18	2.65	5	95	0.191	SE
S2A	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:25	8.62	8.19	31.84	28.18	3.11	5	94	0.201	SE
S3	20200608	Cloudy	Moderate	Mid-Ebb	B	10.5	13:25	8.58	8.33	31.2	28.14	3.24	3	93	0.226	SE
S3	20200608	Cloudy	Moderate	Mid-Ebb	B	10.5	13:25	8.62	8.25	31.37	28.21	3.42	2	93	0.199	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
S3	20200608	Cloudy	Moderate	Mid-Ebb	M	5.75	13:26	8.57	8.38	31.54	28.1	2.94	5	95	0.235	E
S3	20200608	Cloudy	Moderate	Mid-Ebb	M	5.75	13:26	8.16	8.42	31.52	28.23	3.09	5	94	0.152	SE
S3	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:27	8.03	8.3	31.77	28.34	3.03	4	95	0.213	E
S3	20200608	Cloudy	Moderate	Mid-Ebb	S	1	13:27	8.74	8.23	31.76	28.33	3	4	93	0.219	SE
B1	20200610	Sunny	Moderate	Mid-Flood	B	3.9	10:40	8.35	8.38	32.31	28.68	2.94	<2	93	0.205	W
B1	20200610	Sunny	Moderate	Mid-Flood	B	3.9	10:40	7.64	8.52	32.17	28.65	3.27	<2	93	0.267	W
B1	20200610	Sunny	Moderate	Mid-Flood	S	1	10:41	7.71	8.26	32.21	28.57	2.77	3	94	0.177	NW
B1	20200610	Sunny	Moderate	Mid-Flood	S	1	10:41	7.83	8.57	32.41	28.65	2.83	3	94	0.228	W
B2	20200610	Sunny	Moderate	Mid-Flood	B	3.5	10:57	7.63	8.54	32.24	28.48	3.25	3	94	0.171	W
B2	20200610	Sunny	Moderate	Mid-Flood	B	3.5	10:57	8.34	8.36	32.36	28.65	3.39	3	94	0.176	W
B2	20200610	Sunny	Moderate	Mid-Flood	S	1	10:58	7.71	8.43	32.35	28.66	2.63	3	92	0.184	W
B2	20200610	Sunny	Moderate	Mid-Flood	S	1	10:58	7.73	8.31	32.61	28.68	2.64	2	94	0.282	W
B3	20200610	Sunny	Moderate	Mid-Flood	B	3.9	10:09	7.84	8.33	32.54	28.52	3.29	3	93	0.233	W
B3	20200610	Sunny	Moderate	Mid-Flood	B	3.9	10:09	8.32	8.4	32.51	28.71	3.03	4	93	0.191	W
B3	20200610	Sunny	Moderate	Mid-Flood	S	1	10:10	8.3	8.57	32.36	28.5	2.79	2	94	0.213	W
B3	20200610	Sunny	Moderate	Mid-Flood	S	1	10:10	7.75	8.32	32.57	28.54	2.71	3	93	0.174	NW
B4	20200610	Sunny	Moderate	Mid-Flood	B	4.1	10:01	7.8	8.4	32.4	28.74	3.26	3	93	0.262	NW
B4	20200610	Sunny	Moderate	Mid-Flood	B	4.1	10:01	7.9	8.41	32.42	28.68	3.32	3	94	0.26	W
B4	20200610	Sunny	Moderate	Mid-Flood	S	1	10:02	7.89	8.41	32.51	28.72	2.57	3	94	0.248	W
B4	20200610	Sunny	Moderate	Mid-Flood	S	1	10:02	8.06	8.34	32.32	28.65	2.76	3	96	0.222	W
C1A	20200610	Sunny	Moderate	Mid-Flood	B	10.9	9:14	8.05	8.45	32.11	28.46	2.89	2	95	0.243	W
C1A	20200610	Sunny	Moderate	Mid-Flood	B	10.9	9:14	8.26	8.52	32.21	28.34	3.33	2	97	0.238	W
C1A	20200610	Sunny	Moderate	Mid-Flood	M	5.95	9:15	7.73	8.58	32.15	28.42	2.98	2	94	0.252	NW
C1A	20200610	Sunny	Moderate	Mid-Flood	M	5.95	9:15	7.85	8.3	32.49	28.61	2.96	2	94	0.205	W
C1A	20200610	Sunny	Moderate	Mid-Flood	S	1	9:16	7.86	8.51	32.41	28.54	2.4	4	94	0.279	W
C1A	20200610	Sunny	Moderate	Mid-Flood	S	1	9:16	7.74	8.17	32.27	28.32	2.53	3	93	0.205	NW
C2A	20200610	Sunny	Moderate	Mid-Flood	B	10.8	8:00	8.04	8.31	32.16	28.53	2.98	4	93	0.241	W
C2A	20200610	Sunny	Moderate	Mid-Flood	B	10.8	8:00	8.17	8.21	32.55	28.51	2.98	4	92	0.247	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20200610	Sunny	Moderate	Mid-Flood	M	5.9	8:01	7.66	8.26	32.47	28.46	2.99	3	95	0.266	W
C2A	20200610	Sunny	Moderate	Mid-Flood	M	5.9	8:01	8.09	8.29	32.27	28.29	2.97	2	93	0.183	W
C2A	20200610	Sunny	Moderate	Mid-Flood	S	1	8:02	8.23	8.56	32.3	28.48	2.52	2	92	0.242	W
C2A	20200610	Sunny	Moderate	Mid-Flood	S	1	8:02	7.96	8.52	32.39	28.56	2.79	3	92	0.278	W
CR1	20200610	Sunny	Moderate	Mid-Flood	B	11.4	8:30	8.41	8.33	32.45	28.25	3.38	3	97	0.172	W
CR1	20200610	Sunny	Moderate	Mid-Flood	B	11.4	8:30	8.21	8.33	32.18	28.51	3.07	3	96	0.259	W
CR1	20200610	Sunny	Moderate	Mid-Flood	M	6.2	8:31	8.38	8.5	32.38	28.52	2.65	2	96	0.239	W
CR1	20200610	Sunny	Moderate	Mid-Flood	M	6.2	8:31	7.64	8.42	32.34	28.29	2.91	3	97	0.262	NW
CR1	20200610	Sunny	Moderate	Mid-Flood	S	1	8:32	8.37	8.44	32.55	28.45	2.5	2	96	0.203	W
CR1	20200610	Sunny	Moderate	Mid-Flood	S	1	8:32	7.56	8.37	32.48	28.37	2.7	2	97	0.277	W
CR2	20200610	Sunny	Moderate	Mid-Flood	B	10.5	8:45	7.66	8.27	32.11	28.25	3.05	4	97	0.252	W
CR2	20200610	Sunny	Moderate	Mid-Flood	B	10.5	8:45	7.87	8.38	32.45	28.56	3.39	5	96	0.262	NW
CR2	20200610	Sunny	Moderate	Mid-Flood	M	5.75	8:46	7.84	8.3	32.53	28.25	2.72	3	97	0.204	W
CR2	20200610	Sunny	Moderate	Mid-Flood	M	5.75	8:46	7.82	8.5	32.37	28.41	2.66	4	97	0.263	W
CR2	20200610	Sunny	Moderate	Mid-Flood	S	1	8:47	7.65	8.51	32.54	28.36	2.68	4	97	0.257	W
CR2	20200610	Sunny	Moderate	Mid-Flood	S	1	8:47	8.17	8.57	32.42	28.33	2.85	3	96	0.274	W
F1A	20200610	Sunny	Moderate	Mid-Flood	B	7.8	9:36	7.74	8.53	32.61	28.55	2.9	4	93	0.191	W
F1A	20200610	Sunny	Moderate	Mid-Flood	B	7.8	9:36	7.96	8.39	32.52	28.5	3	4	93	0.197	NW
F1A	20200610	Sunny	Moderate	Mid-Flood	M	4.4	9:37	8.32	8.48	32.23	28.46	2.68	3	93	0.188	W
F1A	20200610	Sunny	Moderate	Mid-Flood	M	4.4	9:37	7.74	8.48	32.52	28.49	2.78	4	93	0.255	NW
F1A	20200610	Sunny	Moderate	Mid-Flood	S	1	9:38	8.28	8.42	32.31	28.57	2.58	4	94	0.186	NW
F1A	20200610	Sunny	Moderate	Mid-Flood	S	1	9:38	7.7	8.22	32.28	28.39	2.5	3	93	0.169	W
H1	20200610	Sunny	Moderate	Mid-Flood	B	7.1	9:41	7.99	8.49	32.12	28.44	3.33	4	94	0.191	W
H1	20200610	Sunny	Moderate	Mid-Flood	B	7.1	9:41	8.31	8.41	32.55	28.49	3.17	3	94	0.258	W
H1	20200610	Sunny	Moderate	Mid-Flood	M	4.05	9:42	8.06	8.58	32.14	28.4	2.65	3	93	0.267	W
H1	20200610	Sunny	Moderate	Mid-Flood	M	4.05	9:42	7.9	8.58	32.52	28.63	2.58	2	94	0.242	W
H1	20200610	Sunny	Moderate	Mid-Flood	S	1	9:43	8.14	8.32	32.2	28.63	2.56	3	94	0.282	W
H1	20200610	Sunny	Moderate	Mid-Flood	S	1	9:43	8.29	8.49	32.14	28.58	2.31	2	94	0.233	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20200610	Sunny	Moderate	Mid-Flood	B	7.7	9:13	8.15	8.47	32.3	28.38	2.86	<2	97	0.188	NW
M1	20200610	Sunny	Moderate	Mid-Flood	B	7.7	9:13	8.36	8.39	32.3	28.59	3.36	<2	97	0.181	W
M1	20200610	Sunny	Moderate	Mid-Flood	M	4.35	9:14	7.82	8.24	32.25	28.59	2.49	2	97	0.217	W
M1	20200610	Sunny	Moderate	Mid-Flood	M	4.35	9:14	7.87	8.28	32.53	28.57	2.52	2	97	0.239	NW
M1	20200610	Sunny	Moderate	Mid-Flood	S	1	9:15	7.97	8.44	32.22	28.47	2.71	2	96	0.179	W
M1	20200610	Sunny	Moderate	Mid-Flood	S	1	9:15	7.79	8.52	32.27	28.42	2.78	2	97	0.262	W
S1	20200610	Sunny	Moderate	Mid-Flood	B	4.2	10:48	8.13	8.26	32.23	28.52	3.4	4	92	0.206	W
S1	20200610	Sunny	Moderate	Mid-Flood	B	4.2	10:48	7.81	8.32	32.24	28.56	3.29	4	93	0.204	NW
S1	20200610	Sunny	Moderate	Mid-Flood	S	1	10:49	7.57	8.58	32.12	28.69	2.34	2	92	0.182	W
S1	20200610	Sunny	Moderate	Mid-Flood	S	1	10:49	7.67	8.27	32.59	28.54	2.4	2	94	0.26	W
S2A	20200610	Sunny	Moderate	Mid-Flood	B	8.1	10:26	7.71	8.49	32.5	28.66	2.9	5	97	0.264	W
S2A	20200610	Sunny	Moderate	Mid-Flood	B	8.1	10:26	8	8.4	32.41	28.5	3.12	6	97	0.175	NW
S2A	20200610	Sunny	Moderate	Mid-Flood	M	4.55	10:27	7.78	8.29	32.15	28.55	2.75	4	95	0.243	W
S2A	20200610	Sunny	Moderate	Mid-Flood	M	4.55	10:27	8.19	8.26	32.38	28.67	3.06	4	96	0.2	NW
S2A	20200610	Sunny	Moderate	Mid-Flood	S	1	10:28	8.41	8.51	32.58	28.72	2.89	4	94	0.183	W
S2A	20200610	Sunny	Moderate	Mid-Flood	S	1	10:28	8.37	8.42	32.3	28.73	2.37	3	93	0.246	NW
S3	20200610	Sunny	Moderate	Mid-Flood	B	9.5	8:55	7.59	8.31	32.23	28.58	3.1	3	96	0.244	NW
S3	20200610	Sunny	Moderate	Mid-Flood	B	9.5	8:55	7.85	8.29	32.4	28.54	3.33	3	96	0.17	NW
S3	20200610	Sunny	Moderate	Mid-Flood	M	5.25	8:56	8.4	8.44	32.1	28.34	3.06	2	97	0.211	W
S3	20200610	Sunny	Moderate	Mid-Flood	M	5.25	8:56	8.14	8.23	32.13	28.4	2.89	2	97	0.214	W
S3	20200610	Sunny	Moderate	Mid-Flood	S	1	8:57	7.84	8.21	32.55	28.47	2.38	<2	96	0.19	NW
S3	20200610	Sunny	Moderate	Mid-Flood	S	1	8:57	7.75	8.42	32.18	28.49	2.53	<2	96	0.212	W
B1	20200610	Sunny	Moderate	Mid-Ebb	B	4.2	14:11	7.84	8.62	32.51	29.43	3.17	3	97	0.244	SE
B1	20200610	Sunny	Moderate	Mid-Ebb	B	4.2	14:11	7.45	8.63	32.52	29.55	3.41	4	97	0.211	E
B1	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:12	8.03	8.57	32.45	29.61	2.55	2	96	0.181	SE
B1	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:12	7.98	8.29	32.54	29.49	2.87	2	96	0.151	SE
B2	20200610	Sunny	Moderate	Mid-Ebb	B	4.4	13:53	7.46	8.55	32.66	29.57	3.32	2	96	0.191	SE
B2	20200610	Sunny	Moderate	Mid-Ebb	B	4.4	13:53	8.11	8.36	32.37	29.64	3.14	2	97	0.146	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
B2	20200610	Sunny	Moderate	Mid-Ebb	S	1	13:54	7.12	8.64	32.75	29.55	2.57	3	96	0.204	E
B2	20200610	Sunny	Moderate	Mid-Ebb	S	1	13:54	8.24	8.54	32.62	29.46	2.32	4	96	0.169	SE
B3	20200610	Sunny	Moderate	Mid-Ebb	B	3.7	14:37	7.69	8.56	32.58	29.34	3.23	3	97	0.239	SE
B3	20200610	Sunny	Moderate	Mid-Ebb	B	3.7	14:37	8.17	8.37	32.75	29.55	3.24	3	97	0.148	E
B3	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:38	7.68	8.64	32.53	29.62	2.87	2	97	0.193	SE
B3	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:38	7.65	8.49	32.32	29.5	2.54	2	97	0.242	SE
B4	20200610	Sunny	Moderate	Mid-Ebb	B	4	14:45	8.2	8.52	32.55	29.55	3.45	2	96	0.166	E
B4	20200610	Sunny	Moderate	Mid-Ebb	B	4	14:45	7.95	8.42	32.59	29.46	3.29	2	97	0.203	SE
B4	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:46	8.18	8.31	32.54	29.38	2.9	3	97	0.25	SE
B4	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:46	7.97	8.64	32.66	29.32	2.44	2	96	0.185	E
C1A	20200610	Sunny	Moderate	Mid-Ebb	B	8.8	13:54	7.38	8.62	32.43	29.53	2.93	<2	96	0.166	SE
C1A	20200610	Sunny	Moderate	Mid-Ebb	B	8.8	13:54	7.53	8.64	32.35	29.45	3	<2	97	0.221	E
C1A	20200610	Sunny	Moderate	Mid-Ebb	M	4.9	13:55	7.66	8.33	32.57	29.47	2.93	2	96	0.232	E
C1A	20200610	Sunny	Moderate	Mid-Ebb	M	4.9	13:55	7.64	8.28	32.58	29.67	2.41	2	97	0.241	SE
C1A	20200610	Sunny	Moderate	Mid-Ebb	S	1	13:56	8.05	8.47	32.45	29.49	2.88	2	96	0.183	E
C1A	20200610	Sunny	Moderate	Mid-Ebb	S	1	13:56	7.27	8.29	32.58	29.41	2.87	3	96	0.227	E
C2A	20200610	Sunny	Moderate	Mid-Ebb	B	10.9	15:16	7.84	8.63	32.46	29.58	3.44	4	96	0.252	SE
C2A	20200610	Sunny	Moderate	Mid-Ebb	B	10.9	15:16	7.74	8.26	32.66	29.59	3.26	4	96	0.168	SE
C2A	20200610	Sunny	Moderate	Mid-Ebb	M	5.95	15:17	7.69	8.28	32.51	29.54	2.75	3	97	0.194	SE
C2A	20200610	Sunny	Moderate	Mid-Ebb	M	5.95	15:17	7.42	8.5	32.77	29.61	2.38	4	97	0.165	SE
C2A	20200610	Sunny	Moderate	Mid-Ebb	S	1	15:18	8.05	8.51	32.53	29.68	2.8	3	96	0.187	SE
C2A	20200610	Sunny	Moderate	Mid-Ebb	S	1	15:18	7.59	8.44	32.77	29.59	2.43	2	97	0.201	E
CR1	20200610	Sunny	Moderate	Mid-Ebb	B	11.8	14:53	8.1	8.51	32.74	29.44	3.29	5	98	0.162	SE
CR1	20200610	Sunny	Moderate	Mid-Ebb	B	11.8	14:53	8.09	8.37	32.41	29.54	3.16	4	96	0.176	SE
CR1	20200610	Sunny	Moderate	Mid-Ebb	M	6.4	14:54	7.22	8.57	32.49	29.43	2.89	5	97	0.169	SE
CR1	20200610	Sunny	Moderate	Mid-Ebb	M	6.4	14:54	7.17	8.49	32.59	29.48	2.75	4	98	0.212	SE
CR1	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:55	7.41	8.27	32.43	29.34	2.75	2	97	0.239	SE
CR1	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:55	8.18	8.53	32.68	29.5	2.5	3	97	0.241	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
CR2	20200610	Sunny	Moderate	Mid-Ebb	B	10	14:33	7.87	8.4	32.4	29.62	3.06	2	97	0.22	SE
CR2	20200610	Sunny	Moderate	Mid-Ebb	B	10	14:33	7.21	8.31	32.76	29.48	3.36	3	97	0.225	E
CR2	20200610	Sunny	Moderate	Mid-Ebb	M	5.5	14:34	7.87	8.41	32.5	29.29	2.43	3	97	0.211	SE
CR2	20200610	Sunny	Moderate	Mid-Ebb	M	5.5	14:34	8.1	8.54	32.44	29.62	2.64	2	97	0.193	SE
CR2	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:35	7.24	8.35	32.47	29.28	2.32	3	97	0.24	E
CR2	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:35	7.53	8.43	32.47	29.6	2.44	2	97	0.15	SE
F1A	20200610	Sunny	Moderate	Mid-Ebb	B	7.4	15:08	7.44	8.46	32.5	29.48	3.13	3	97	0.193	SE
F1A	20200610	Sunny	Moderate	Mid-Ebb	B	7.4	15:08	7.27	8.41	32.67	29.59	2.98	4	97	0.242	SE
F1A	20200610	Sunny	Moderate	Mid-Ebb	M	4.2	15:09	8.11	8.59	32.6	29.54	2.75	4	97	0.179	E
F1A	20200610	Sunny	Moderate	Mid-Ebb	M	4.2	15:09	7.88	8.54	32.76	29.36	2.75	3	97	0.168	SE
F1A	20200610	Sunny	Moderate	Mid-Ebb	S	1	15:10	7.91	8.46	32.48	29.45	2.43	5	97	0.161	E
F1A	20200610	Sunny	Moderate	Mid-Ebb	S	1	15:10	8.13	8.62	32.52	29.35	2.56	5	96	0.211	SE
H1	20200610	Sunny	Moderate	Mid-Ebb	B	7.5	14:15	7.99	8.32	32.55	29.33	3.11	2	97	0.205	E
H1	20200610	Sunny	Moderate	Mid-Ebb	B	7.5	14:15	7.66	8.34	32.49	29.38	3.19	2	97	0.161	SE
H1	20200610	Sunny	Moderate	Mid-Ebb	M	4.25	14:16	8.11	8.28	32.5	29.35	2.35	4	96	0.147	E
H1	20200610	Sunny	Moderate	Mid-Ebb	M	4.25	14:16	7.44	8.6	32.61	29.5	2.8	3	97	0.206	E
H1	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:17	8.2	8.5	32.72	29.46	2.87	4	97	0.203	E
H1	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:17	7.69	8.29	32.34	29.5	2.72	4	97	0.183	SE
M1	20200610	Sunny	Moderate	Mid-Ebb	B	8.7	15:29	7.94	8.48	32.75	29.32	3.11	4	97	0.218	SE
M1	20200610	Sunny	Moderate	Mid-Ebb	B	8.7	15:29	7.13	8.36	32.67	29.56	3.45	4	97	0.161	SE
M1	20200610	Sunny	Moderate	Mid-Ebb	M	4.85	15:30	7.53	8.49	32.44	29.61	2.54	4	97	0.25	E
M1	20200610	Sunny	Moderate	Mid-Ebb	M	4.85	15:30	8.18	8.37	32.61	29.34	2.75	3	97	0.224	E
M1	20200610	Sunny	Moderate	Mid-Ebb	S	1	15:31	7.73	8.42	32.34	29.42	2.46	2	97	0.174	SE
M1	20200610	Sunny	Moderate	Mid-Ebb	S	1	15:31	7.53	8.62	32.62	29.55	2.4	2	96	0.175	E
S1	20200610	Sunny	Moderate	Mid-Ebb	B	4.1	14:03	8.25	8.46	32.66	29.46	2.91	2	97	0.19	SE
S1	20200610	Sunny	Moderate	Mid-Ebb	B	4.1	14:03	8.2	8.38	32.31	29.52	3.34	2	97	0.223	E
S1	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:04	8.11	8.59	32.66	29.64	2.78	<2	96	0.155	SE
S1	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:04	7.32	8.57	32.77	29.61	2.7	<2	97	0.186	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
S2A	20200610	Sunny	Moderate	Mid-Ebb	B	7.9	14:24	7.94	8.59	32.36	29.56	3.27	4	97	0.244	SE
S2A	20200610	Sunny	Moderate	Mid-Ebb	B	7.9	14:24	8.16	8.48	32.68	29.32	2.87	4	97	0.247	SE
S2A	20200610	Sunny	Moderate	Mid-Ebb	M	4.45	14:25	8.2	8.64	32.56	29.13	2.46	3	97	0.154	SE
S2A	20200610	Sunny	Moderate	Mid-Ebb	M	4.45	14:25	7.57	8.26	32.36	29.35	2.84	3	97	0.209	E
S2A	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:26	7.19	8.57	32.4	29.34	2.65	<2	96	0.186	SE
S2A	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:26	7.19	8.53	32.65	29.25	2.7	<2	96	0.201	E
S3	20200610	Sunny	Moderate	Mid-Ebb	B	9.8	14:42	7.24	8.33	32.38	29.55	3.32	2	97	0.179	SE
S3	20200610	Sunny	Moderate	Mid-Ebb	B	9.8	14:42	7.22	8.51	32.35	29.32	3.11	3	97	0.158	SE
S3	20200610	Sunny	Moderate	Mid-Ebb	M	5.4	14:43	7.33	8.59	32.7	29.48	2.66	3	97	0.221	E
S3	20200610	Sunny	Moderate	Mid-Ebb	M	5.4	14:43	7.32	8.56	32.5	29.53	2.57	2	97	0.228	SE
S3	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:44	7.8	8.57	32.6	29.31	2.73	2	97	0.209	E
S3	20200610	Sunny	Moderate	Mid-Ebb	S	1	14:44	7.33	8.46	32.77	29.45	2.61	2	97	0.175	E
B1	20200612	Sunny	Moderate	Mid-Flood	B	4.4	10:57	7.12	8.39	31.92	30.74	2.87	4	92	0.174	W
B1	20200612	Sunny	Moderate	Mid-Flood	B	4.4	10:57	7.62	8.37	32.6	30.8	2.76	4	92	0.187	NW
B1	20200612	Sunny	Moderate	Mid-Flood	S	1	10:58	7.3	8.21	32.11	30.9	2.18	<2	93	0.213	NW
B1	20200612	Sunny	Moderate	Mid-Flood	S	1	10:58	7.68	8.47	32.58	30.74	2.02	<2	93	0.205	W
B2	20200612	Sunny	Moderate	Mid-Flood	B	4.1	11:16	7.37	8.08	32.27	30.79	2.94	<2	92	0.197	W
B2	20200612	Sunny	Moderate	Mid-Flood	B	4.1	11:16	7.01	8.25	31.92	30.72	2.65	<2	93	0.21	NW
B2	20200612	Sunny	Moderate	Mid-Flood	S	1	11:17	7.14	8.42	32.6	30.57	2.04	<2	93	0.218	W
B2	20200612	Sunny	Moderate	Mid-Flood	S	1	11:17	7.41	8.27	32.57	30.63	2.39	<2	93	0.179	W
B3	20200612	Sunny	Moderate	Mid-Flood	B	4.3	10:27	7.11	8.11	32.14	30.43	3.11	<2	91	0.209	W
B3	20200612	Sunny	Moderate	Mid-Flood	B	4.3	10:27	7.42	8.36	31.98	30.62	3.11	<2	93	0.223	W
B3	20200612	Sunny	Moderate	Mid-Flood	S	1	10:28	7.04	8.19	32.61	30.68	2.4	<2	92	0.241	W
B3	20200612	Sunny	Moderate	Mid-Flood	S	1	10:28	7.13	8.06	32.57	30.34	2.66	<2	93	0.168	W
B4	20200612	Sunny	Moderate	Mid-Flood	B	4.1	10:17	7.27	8.45	32.14	30.38	3.13	2	92	0.213	NW
B4	20200612	Sunny	Moderate	Mid-Flood	B	4.1	10:17	7.34	8.16	32.21	30.33	3.13	2	93	0.176	W
B4	20200612	Sunny	Moderate	Mid-Flood	S	1	10:18	7.71	8.37	31.91	30.35	2.21	<2	94	0.225	W
B4	20200612	Sunny	Moderate	Mid-Flood	S	1	10:18	7.43	8.17	31.96	30.22	2.48	<2	94	0.233	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
C1A	20200612	Sunny	Moderate	Mid-Flood	B	9	10:04	7.34	8.36	32.24	30.36	2.82	<2	92	0.251	W
C1A	20200612	Sunny	Moderate	Mid-Flood	B	9	10:04	7.35	8.1	32.5	30.46	2.97	<2	92	0.191	NW
C1A	20200612	Sunny	Moderate	Mid-Flood	M	5	10:05	7.6	8.35	32.52	30.32	2.37	<2	93	0.224	W
C1A	20200612	Sunny	Moderate	Mid-Flood	M	5	10:05	7.19	8.37	32.18	30.29	2.21	<2	93	0.213	W
C1A	20200612	Sunny	Moderate	Mid-Flood	S	1	10:06	6.96	8.39	32.21	30.49	2.02	<2	91	0.18	W
C1A	20200612	Sunny	Moderate	Mid-Flood	S	1	10:06	7.48	8.24	32.29	30.34	2.28	<2	93	0.204	NW
C2A	20200612	Sunny	Moderate	Mid-Flood	B	10.7	8:57	7.07	8.24	32.06	30.17	3.07	2	92	0.186	W
C2A	20200612	Sunny	Moderate	Mid-Flood	B	10.7	8:57	7.36	8.43	32.5	30.33	2.59	2	93	0.193	W
C2A	20200612	Sunny	Moderate	Mid-Flood	M	5.85	8:58	6.99	8.21	32.04	30.15	2.63	<2	92	0.177	NW
C2A	20200612	Sunny	Moderate	Mid-Flood	M	5.85	8:58	7.69	8.25	32.45	30.18	2.33	<2	93	0.204	W
C2A	20200612	Sunny	Moderate	Mid-Flood	S	1	8:59	7.16	8.2	31.94	30.16	2.52	<2	92	0.225	W
C2A	20200612	Sunny	Moderate	Mid-Flood	S	1	8:59	7.1	8.28	32.08	30.27	2.15	<2	91	0.227	W
CR1	20200612	Sunny	Moderate	Mid-Flood	B	11.7	9:19	7.16	8.3	32.56	30.3	2.72	<2	92	0.204	NW
CR1	20200612	Sunny	Moderate	Mid-Flood	B	11.7	9:19	7.47	8.19	32.16	30.43	2.97	<2	92	0.226	W
CR1	20200612	Sunny	Moderate	Mid-Flood	M	6.35	9:20	7.52	8.01	32.19	30.34	2.54	<2	90	0.242	W
CR1	20200612	Sunny	Moderate	Mid-Flood	M	6.35	9:20	7.29	8.39	32.52	30.4	2.55	<2	92	0.189	NW
CR1	20200612	Sunny	Moderate	Mid-Flood	S	1	9:21	7.63	8.37	32.33	30.08	2.18	<2	92	0.224	W
CR1	20200612	Sunny	Moderate	Mid-Flood	S	1	9:21	7.15	8.3	32.17	30.21	2.55	<2	91	0.215	W
CR2	20200612	Sunny	Moderate	Mid-Flood	B	10.4	9:36	6.96	8.2	31.95	30.37	2.53	4	92	0.191	W
CR2	20200612	Sunny	Moderate	Mid-Flood	B	10.4	9:36	7.57	8.29	32.27	30.17	2.81	4	92	0.211	W
CR2	20200612	Sunny	Moderate	Mid-Flood	M	5.7	9:37	7.27	8.37	32.18	30.32	2.34	2	93	0.201	NW
CR2	20200612	Sunny	Moderate	Mid-Flood	M	5.7	9:37	7.39	8.26	32.12	30.34	2.42	3	92	0.214	W
CR2	20200612	Sunny	Moderate	Mid-Flood	S	1	9:38	7.19	8.29	31.98	30.12	2.29	<2	92	0.181	W
CR2	20200612	Sunny	Moderate	Mid-Flood	S	1	9:38	7.51	8.1	32.24	30.26	2.48	<2	92	0.188	W
F1A	20200612	Sunny	Moderate	Mid-Flood	B	6.8	9:53	7.42	8.01	32.65	30.44	2.89	2	91	0.246	W
F1A	20200612	Sunny	Moderate	Mid-Flood	B	6.8	9:53	7.6	8.09	32.11	30.49	2.61	2	92	0.236	NW
F1A	20200612	Sunny	Moderate	Mid-Flood	M	3.9	9:54	7.27	8.32	32.44	30.52	2.7	<2	92	0.247	NW
F1A	20200612	Sunny	Moderate	Mid-Flood	M	3.9	9:54	7.01	8.24	32.39	30.44	2.47	<2	92	0.198	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
F1A	20200612	Sunny	Moderate	Mid-Flood	S	1	9:55	7.17	8.45	31.95	30.34	2.36	<2	92	0.179	NW
F1A	20200612	Sunny	Moderate	Mid-Flood	S	1	9:55	7.11	8.13	32.61	30.39	2.28	<2	93	0.183	W
H1	20200612	Sunny	Moderate	Mid-Flood	B	7.6	10:28	7.25	8.09	31.97	30.7	2.69	2	92	0.174	W
H1	20200612	Sunny	Moderate	Mid-Flood	B	7.6	10:28	7.36	8.42	32.53	30.71	3.1	2	93	0.24	W
H1	20200612	Sunny	Moderate	Mid-Flood	M	4.3	10:29	6.96	8.22	32.09	30.33	2.74	<2	92	0.189	W
H1	20200612	Sunny	Moderate	Mid-Flood	M	4.3	10:29	7.54	8.22	32.54	30.63	2.26	<2	92	0.168	W
H1	20200612	Sunny	Moderate	Mid-Flood	S	1	10:30	6.99	8.45	32.65	30.38	2.04	<2	93	0.202	W
H1	20200612	Sunny	Moderate	Mid-Flood	S	1	10:30	7.42	8.12	32.32	30.58	2.37	<2	92	0.238	W
M1	20200612	Sunny	Moderate	Mid-Flood	B	7.6	9:30	7.58	8.43	32.17	30.09	2.79	2	91	0.193	NW
M1	20200612	Sunny	Moderate	Mid-Flood	B	7.6	9:30	7.39	8.39	31.97	30.43	3.03	3	94	0.229	W
M1	20200612	Sunny	Moderate	Mid-Flood	M	4.3	9:31	7.36	8.06	32.52	30.11	2.36	2	92	0.206	W
M1	20200612	Sunny	Moderate	Mid-Flood	M	4.3	9:31	7.22	8.24	31.9	30.36	2.4	2	92	0.205	W
M1	20200612	Sunny	Moderate	Mid-Flood	S	1	9:32	7.26	8.42	32.12	30.14	2.46	2	93	0.247	NW
M1	20200612	Sunny	Moderate	Mid-Flood	S	1	9:32	7.52	8.31	32.64	30.43	2.53	2	92	0.217	W
S1	20200612	Sunny	Moderate	Mid-Flood	B	4.7	11:06	7.05	8.22	32.65	30.78	2.76	3	93	0.224	W
S1	20200612	Sunny	Moderate	Mid-Flood	B	4.7	11:06	7.24	8.35	32.37	30.77	2.68	3	92	0.245	NW
S1	20200612	Sunny	Moderate	Mid-Flood	S	1	11:07	7.45	8.14	32.27	30.84	2.59	<2	92	0.24	W
S1	20200612	Sunny	Moderate	Mid-Flood	S	1	11:07	7.3	8.08	32.45	30.77	2.16	<2	92	0.22	W
S2A	20200612	Sunny	Moderate	Mid-Flood	B	8.2	10:41	7.22	8.28	32.05	30.66	2.6	<2	93	0.175	W
S2A	20200612	Sunny	Moderate	Mid-Flood	B	8.2	10:41	7.35	8.22	32.23	30.32	2.72	<2	92	0.189	W
S2A	20200612	Sunny	Moderate	Mid-Flood	M	4.6	10:42	7.13	8.14	32.57	30.49	2.55	<2	92	0.169	W
S2A	20200612	Sunny	Moderate	Mid-Flood	M	4.6	10:42	6.98	8.06	32.22	30.56	2.24	<2	92	0.176	W
S2A	20200612	Sunny	Moderate	Mid-Flood	S	1	10:43	7.17	8.41	32.22	30.38	2.22	<2	92	0.24	NW
S2A	20200612	Sunny	Moderate	Mid-Flood	S	1	10:43	7.14	8.38	32.36	30.58	2.27	<2	93	0.184	NW
S3	20200612	Sunny	Moderate	Mid-Flood	B	8.8	9:45	7.68	8.33	32.42	30.31	3.26	2	94	0.182	W
S3	20200612	Sunny	Moderate	Mid-Flood	B	8.8	9:45	7.39	8.37	32.58	30.28	2.78	2	92	0.233	W
S3	20200612	Sunny	Moderate	Mid-Flood	M	4.9	9:46	7.31	8.48	32.37	30.38	2.54	<2	93	0.243	W
S3	20200612	Sunny	Moderate	Mid-Flood	M	4.9	9:46	7.21	8.41	32.56	30.07	2.39	<2	94	0.191	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20200612	Sunny	Moderate	Mid-Flood	S	1	9:47	7.16	8.04	32.22	30.18	2.31	<2	91	0.211	W
S3	20200612	Sunny	Moderate	Mid-Flood	S	1	9:47	7.42	8.16	32.23	30.38	2.14	<2	93	0.208	NW
B1	20200612	Sunny	Moderate	Mid-Ebb	B	4	15:47	7.66	8.14	32.56	31.33	2.78	<2	92	0.171	SE
B1	20200612	Sunny	Moderate	Mid-Ebb	B	4	15:47	6.9	8.28	32.32	31.14	2.66	<2	92	0.152	E
B1	20200612	Sunny	Moderate	Mid-Ebb	S	1	15:48	7	8.18	32.32	31.2	2.61	2	93	0.174	E
B1	20200612	Sunny	Moderate	Mid-Ebb	S	1	15:48	7.1	8.32	32.08	31.28	2.32	2	92	0.178	SE
B2	20200612	Sunny	Moderate	Mid-Ebb	B	4.5	16:10	6.84	8.15	32.32	30.91	2.71	<2	92	0.175	SE
B2	20200612	Sunny	Moderate	Mid-Ebb	B	4.5	16:10	7.34	8.28	32.21	30.94	2.83	<2	92	0.161	SE
B2	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:11	6.95	8.18	32.11	30.96	2.24	3	92	0.18	E
B2	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:11	6.85	8.3	32.1	31.03	2.42	2	92	0.186	E
B3	20200612	Sunny	Moderate	Mid-Ebb	B	4.4	15:50	6.82	8.24	32.2	31.11	2.91	6	92	0.147	E
B3	20200612	Sunny	Moderate	Mid-Ebb	B	4.4	15:50	7.58	8.33	32.37	31.18	3.07	5	92	0.233	SE
B3	20200612	Sunny	Moderate	Mid-Ebb	S	1	15:51	7.55	8.23	32.37	31.12	2.35	4	94	0.147	E
B3	20200612	Sunny	Moderate	Mid-Ebb	S	1	15:51	7.43	8.18	32.57	31.3	2.48	3	92	0.217	SE
B4	20200612	Sunny	Moderate	Mid-Ebb	B	4	15:58	7.42	8.3	32.14	31.29	2.89	4	92	0.167	SE
B4	20200612	Sunny	Moderate	Mid-Ebb	B	4	15:58	6.85	8.3	32.25	31.21	3.08	4	92	0.217	SE
B4	20200612	Sunny	Moderate	Mid-Ebb	S	1	15:59	7.22	8.36	32.01	31.13	2.38	5	92	0.185	SE
B4	20200612	Sunny	Moderate	Mid-Ebb	S	1	15:59	7.38	8.23	32.09	30.98	2.52	4	92	0.206	SE
C1A	20200612	Sunny	Moderate	Mid-Ebb	B	8.3	15:20	6.87	8.28	32.25	31.1	3.06	4	92	0.195	E
C1A	20200612	Sunny	Moderate	Mid-Ebb	B	8.3	15:20	7.52	8.17	32.51	31.38	2.72	5	92	0.191	SE
C1A	20200612	Sunny	Moderate	Mid-Ebb	M	4.65	15:21	7.59	8.33	32.44	31.15	2.48	4	92	0.19	SE
C1A	20200612	Sunny	Moderate	Mid-Ebb	M	4.65	15:21	7.64	8.1	32.58	31.33	2.43	5	90	0.216	SE
C1A	20200612	Sunny	Moderate	Mid-Ebb	S	1	15:22	6.99	8.27	32.57	31.34	2.6	5	92	0.177	E
C1A	20200612	Sunny	Moderate	Mid-Ebb	S	1	15:22	7.14	8.22	32.57	31.16	2.15	4	92	0.195	E
C2A	20200612	Sunny	Moderate	Mid-Ebb	B	11.2	15:24	7.57	8.12	32.19	31.15	2.63	4	93	0.194	SE
C2A	20200612	Sunny	Moderate	Mid-Ebb	B	11.2	15:24	7.14	8.22	32.15	31.16	3.06	5	92	0.159	SE
C2A	20200612	Sunny	Moderate	Mid-Ebb	M	6.1	15:25	7.22	8.33	32.6	31.2	2.33	4	93	0.197	E
C2A	20200612	Sunny	Moderate	Mid-Ebb	M	6.1	15:25	7.47	8.19	32.56	31.15	2.26	4	93	0.159	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
C2A	20200612	Sunny	Moderate	Mid-Ebb	S	1	15:26	7.11	8.16	32.01	31.08	2.46	4	92	0.197	E
C2A	20200612	Sunny	Moderate	Mid-Ebb	S	1	15:26	7.24	8.35	32.48	31.31	2.1	4	91	0.24	SE
CR1	20200612	Sunny	Moderate	Mid-Ebb	B	11.9	17:07	6.99	8.33	32.56	31.2	2.77	3	95	0.166	SE
CR1	20200612	Sunny	Moderate	Mid-Ebb	B	11.9	17:07	7.2	8.11	32.06	31.22	2.9	3	95	0.235	SE
CR1	20200612	Sunny	Moderate	Mid-Ebb	M	6.45	17:08	6.85	8.34	32.04	31.21	2.49	3	95	0.16	SE
CR1	20200612	Sunny	Moderate	Mid-Ebb	M	6.45	17:08	6.83	8.21	32.55	31.25	2.14	4	95	0.17	SE
CR1	20200612	Sunny	Moderate	Mid-Ebb	S	1	17:09	7.27	8.2	32.49	31.28	2.31	3	95	0.165	SE
CR1	20200612	Sunny	Moderate	Mid-Ebb	S	1	17:09	7.08	8.15	32.51	31.1	2.61	4	95	0.216	SE
CR2	20200612	Sunny	Moderate	Mid-Ebb	B	10.6	16:45	7.57	8.08	32.06	31.31	2.65	4	95	0.19	SE
CR2	20200612	Sunny	Moderate	Mid-Ebb	B	10.6	16:45	7.45	8.14	32.34	31.24	2.96	5	95	0.151	SE
CR2	20200612	Sunny	Moderate	Mid-Ebb	M	5.8	16:46	7.11	8.07	32.18	31.16	2.47	4	95	0.182	SE
CR2	20200612	Sunny	Moderate	Mid-Ebb	M	5.8	16:46	7.52	8.28	32.5	31.05	2.63	4	92	0.226	SE
CR2	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:47	6.98	8.11	32.4	31.31	2.38	3	95	0.227	E
CR2	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:47	7.61	8.11	32.13	30.93	2.17	4	95	0.163	SE
F1A	20200612	Sunny	Moderate	Mid-Ebb	B	6.9	16:20	6.82	8.2	32.34	31.01	3.04	4	96	0.208	SE
F1A	20200612	Sunny	Moderate	Mid-Ebb	B	6.9	16:20	7.43	8.29	32.16	31.05	2.71	4	95	0.234	E
F1A	20200612	Sunny	Moderate	Mid-Ebb	M	3.95	16:21	6.99	8.29	32.47	31.09	2.27	5	96	0.158	SE
F1A	20200612	Sunny	Moderate	Mid-Ebb	M	3.95	16:21	7.49	8.17	32.13	31.05	2.36	4	95	0.214	SE
F1A	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:22	6.92	8.11	32.01	31.21	2.26	5	92	0.22	E
F1A	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:22	7.29	8.09	32.24	30.94	2.33	5	92	0.157	E
H1	20200612	Sunny	Moderate	Mid-Ebb	B	7.8	15:41	6.82	8.3	32.44	31.24	2.89	5	91	0.227	E
H1	20200612	Sunny	Moderate	Mid-Ebb	B	7.8	15:41	7.17	8.25	32.58	31.05	2.95	4	93	0.177	SE
H1	20200612	Sunny	Moderate	Mid-Ebb	M	4.4	15:42	6.99	8.3	32.04	31.12	2.11	4	92	0.196	E
H1	20200612	Sunny	Moderate	Mid-Ebb	M	4.4	15:42	6.93	8.36	32.35	31.32	2.35	4	91	0.18	E
H1	20200612	Sunny	Moderate	Mid-Ebb	S	1	15:43	6.98	8.28	32.21	31.24	2.31	4	92	0.17	E
H1	20200612	Sunny	Moderate	Mid-Ebb	S	1	15:43	6.96	8.06	32.6	31.21	2.42	4	92	0.183	SE
M1	20200612	Sunny	Moderate	Mid-Ebb	B	7.7	16:43	7.32	8.07	32.54	31.2	2.61	4	96	0.187	E
M1	20200612	Sunny	Moderate	Mid-Ebb	B	7.7	16:43	7.23	8.26	32.22	30.95	3.04	3	93	0.149	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
M1	20200612	Sunny	Moderate	Mid-Ebb	M	4.35	16:44	7.42	8.18	32.21	31.01	2.28	5	96	0.192	E
M1	20200612	Sunny	Moderate	Mid-Ebb	M	4.35	16:44	6.96	8.26	32.43	31.27	2.51	5	95	0.217	E
M1	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:45	7.03	8.06	32.18	31.06	2.06	7	95	0.191	SE
M1	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:45	7.18	8.18	32.45	31.16	2.4	6	95	0.151	SE
S1	20200612	Sunny	Moderate	Mid-Ebb	B	4.5	16:02	7.02	8.24	32.54	30.9	2.85	4	96	0.172	SE
S1	20200612	Sunny	Moderate	Mid-Ebb	B	4.5	16:02	7.36	8.29	32.54	30.87	2.63	4	96	0.228	E
S1	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:03	7	8.33	32.08	31.13	2.15	4	96	0.15	E
S1	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:03	7.55	8.37	32.53	31.25	2.58	3	96	0.204	SE
S2A	20200612	Sunny	Moderate	Mid-Ebb	B	8	16:18	6.9	8.08	32.14	31.14	2.87	6	92	0.239	E
S2A	20200612	Sunny	Moderate	Mid-Ebb	B	8	16:18	6.94	8.21	32.04	31.21	2.6	5	95	0.151	SE
S2A	20200612	Sunny	Moderate	Mid-Ebb	M	4.5	16:19	6.92	8.35	32.22	31.21	2.63	4	95	0.146	SE
S2A	20200612	Sunny	Moderate	Mid-Ebb	M	4.5	16:19	7.64	8.17	32.5	31.15	2.66	5	95	0.182	SE
S2A	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:20	7.65	8.11	32.31	30.99	2.17	4	95	0.241	SE
S2A	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:20	7.54	8.08	32.19	31.09	2.47	4	96	0.152	E
S3	20200612	Sunny	Moderate	Mid-Ebb	B	8.9	16:54	6.89	8.09	32.25	31.1	3.14	5	95	0.19	SE
S3	20200612	Sunny	Moderate	Mid-Ebb	B	8.9	16:54	7.34	8.18	32.56	31.21	2.94	4	95	0.225	SE
S3	20200612	Sunny	Moderate	Mid-Ebb	M	4.95	16:55	7.53	8.16	32.48	31.02	2.46	4	96	0.24	SE
S3	20200612	Sunny	Moderate	Mid-Ebb	M	4.95	16:55	7.59	8.34	32.21	31.29	2.21	5	96	0.174	SE
S3	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:56	6.93	8.2	32.08	31.1	2.45	6	92	0.202	SE
S3	20200612	Sunny	Moderate	Mid-Ebb	S	1	16:56	6.96	8.08	32.38	30.95	2.12	5	95	0.158	E
B1	20200615	Sunny	Moderate	Mid-Ebb	B	3.6	10:47	6.61	8.27	31.73	28.85	3.15	5	92	0.166	E
B1	20200615	Sunny	Moderate	Mid-Ebb	B	3.6	10:47	6.89	8.15	31.94	28.85	3.04	4	92	0.137	SE
B1	20200615	Sunny	Moderate	Mid-Ebb	S	1	10:48	6.81	8.27	31.78	28.98	2.55	4	93	0.16	E
B1	20200615	Sunny	Moderate	Mid-Ebb	S	1	10:48	7.24	8.27	31.91	28.94	2.55	4	92	0.129	E
B2	20200615	Sunny	Moderate	Mid-Ebb	B	4.3	11:06	7.13	8.24	31.67	28.91	2.85	4	92	0.176	SE
B2	20200615	Sunny	Moderate	Mid-Ebb	B	4.3	11:06	6.74	8.2	31.65	28.95	3.04	4	92	0.186	SE
B2	20200615	Sunny	Moderate	Mid-Ebb	S	1	11:07	7.45	8.12	31.93	28.98	2.25	3	92	0.209	SE
B2	20200615	Sunny	Moderate	Mid-Ebb	S	1	11:07	7.56	8.34	31.75	29.06	2.39	2	92	0.142	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B3	20200615	Sunny	Moderate	Mid-Ebb	B	4.2	10:19	7.11	8.3	31.73	28.79	2.86	4	92	0.195	SE
B3	20200615	Sunny	Moderate	Mid-Ebb	B	4.2	10:19	7.38	8.36	31.53	28.84	3.05	4	92	0.155	SE
B3	20200615	Sunny	Moderate	Mid-Ebb	S	1	10:20	6.93	8.3	31.66	28.78	2.77	4	94	0.196	SE
B3	20200615	Sunny	Moderate	Mid-Ebb	S	1	10:20	6.55	8.22	31.72	28.66	2.4	3	92	0.179	SE
B4	20200615	Sunny	Moderate	Mid-Ebb	B	3.3	10:11	7.07	8.19	31.79	28.84	3.1	3	92	0.133	SE
B4	20200615	Sunny	Moderate	Mid-Ebb	B	3.3	10:11	6.65	8.12	31.93	28.71	2.98	3	92	0.136	SE
B4	20200615	Sunny	Moderate	Mid-Ebb	S	1	10:12	6.58	8.12	31.83	28.91	2.47	4	92	0.145	SE
B4	20200615	Sunny	Moderate	Mid-Ebb	S	1	10:12	6.89	8.32	31.86	28.74	2.47	3	92	0.199	SE
C1A	20200615	Sunny	Moderate	Mid-Ebb	B	8.7	8:32	7.15	8.26	31.52	28.53	3.23	4	92	0.194	SE
C1A	20200615	Sunny	Moderate	Mid-Ebb	B	8.7	8:32	6.84	8.32	31.56	28.73	2.69	5	92	0.167	SE
C1A	20200615	Sunny	Moderate	Mid-Ebb	M	4.85	8:33	6.9	8.17	31.72	28.43	2.58	3	92	0.192	E
C1A	20200615	Sunny	Moderate	Mid-Ebb	M	4.85	8:33	7.12	8.27	31.72	28.51	2.66	4	90	0.212	E
C1A	20200615	Sunny	Moderate	Mid-Ebb	S	1	8:34	6.98	8.31	31.86	28.49	2.54	4	92	0.16	SE
C1A	20200615	Sunny	Moderate	Mid-Ebb	S	1	8:34	6.81	8.27	31.89	28.69	2.49	3	92	0.182	SE
C2A	20200615	Sunny	Moderate	Mid-Ebb	B	11	9:56	6.57	8.26	31.54	28.58	2.71	4	93	0.146	E
C2A	20200615	Sunny	Moderate	Mid-Ebb	B	11	9:56	7	8.15	31.65	28.52	3.2	5	92	0.175	E
C2A	20200615	Sunny	Moderate	Mid-Ebb	M	6	9:57	6.84	8.27	31.7	28.54	2.45	3	93	0.186	SE
C2A	20200615	Sunny	Moderate	Mid-Ebb	M	6	9:57	7.11	8.24	31.6	28.58	2.26	4	93	0.173	E
C2A	20200615	Sunny	Moderate	Mid-Ebb	S	1	9:58	6.95	8.17	31.59	28.73	2.55	4	92	0.162	E
C2A	20200615	Sunny	Moderate	Mid-Ebb	S	1	9:58	6.52	8.2	31.78	28.54	2.29	3	91	0.189	SE
CR1	20200615	Sunny	Moderate	Mid-Ebb	B	12.5	9:35	7.06	8.19	31.79	28.71	3.04	3	95	0.191	E
CR1	20200615	Sunny	Moderate	Mid-Ebb	B	12.5	9:35	6.78	8.22	31.84	28.57	2.76	3	95	0.168	SE
CR1	20200615	Sunny	Moderate	Mid-Ebb	M	6.75	9:36	6.86	8.27	31.74	28.73	2.32	2	95	0.175	SE
CR1	20200615	Sunny	Moderate	Mid-Ebb	M	6.75	9:36	6.77	8.22	31.66	28.68	2.67	2	95	0.189	E
CR1	20200615	Sunny	Moderate	Mid-Ebb	S	1	9:37	6.72	8.28	31.6	28.62	2.24	2	95	0.188	E
CR1	20200615	Sunny	Moderate	Mid-Ebb	S	1	9:37	6.93	8.43	31.66	28.64	2.26	2	95	0.162	SE
CR2	20200615	Sunny	Moderate	Mid-Ebb	B	11.1	9:16	6.75	8.34	31.89	28.66	2.73	2	95	0.152	E
CR2	20200615	Sunny	Moderate	Mid-Ebb	B	11.1	9:16	7.31	8.17	31.64	28.64	2.76	2	95	0.147	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
CR2	20200615	Sunny	Moderate	Mid-Ebb	M	6.05	9:17	6.87	8.38	31.79	28.43	2.69	2	95	0.209	E
CR2	20200615	Sunny	Moderate	Mid-Ebb	M	6.05	9:17	6.73	8.2	31.74	28.65	2.44	2	92	0.127	SE
CR2	20200615	Sunny	Moderate	Mid-Ebb	S	1	9:18	6.9	8.28	31.58	28.54	2.57	2	95	0.163	SE
CR2	20200615	Sunny	Moderate	Mid-Ebb	S	1	9:18	6.57	8.25	31.94	28.42	2.57	3	95	0.18	E
F1A	20200615	Sunny	Moderate	Mid-Ebb	B	7.1	9:48	7.2	8.14	31.83	28.53	3.27	5	96	0.205	SE
F1A	20200615	Sunny	Moderate	Mid-Ebb	B	7.1	9:48	7.59	8.41	31.66	28.54	2.97	4	95	0.201	SE
F1A	20200615	Sunny	Moderate	Mid-Ebb	M	4.05	9:49	7.27	8.24	31.78	28.55	2.36	5	96	0.177	SE
F1A	20200615	Sunny	Moderate	Mid-Ebb	M	4.05	9:49	7.6	8.34	31.75	28.79	2.68	4	95	0.178	E
F1A	20200615	Sunny	Moderate	Mid-Ebb	S	1	9:50	7.31	8.29	31.73	28.6	2.56	3	92	0.147	SE
F1A	20200615	Sunny	Moderate	Mid-Ebb	S	1	9:50	7.44	8.41	31.9	28.74	2.53	4	92	0.205	SE
H1	20200615	Sunny	Moderate	Mid-Ebb	B	7.3	8:55	7.54	8.13	31.55	28.66	3.09	4	91	0.208	SE
H1	20200615	Sunny	Moderate	Mid-Ebb	B	7.3	8:55	6.73	8.22	31.86	28.56	2.73	5	93	0.163	SE
H1	20200615	Sunny	Moderate	Mid-Ebb	M	4.15	8:56	7.15	8.16	31.56	28.48	2.44	4	92	0.201	E
H1	20200615	Sunny	Moderate	Mid-Ebb	M	4.15	8:56	6.55	8.16	31.6	28.66	2.21	4	91	0.168	E
H1	20200615	Sunny	Moderate	Mid-Ebb	S	1	8:57	7.13	8.2	31.6	28.52	2.17	4	92	0.203	SE
H1	20200615	Sunny	Moderate	Mid-Ebb	S	1	8:57	7.43	8.36	31.74	28.46	2.71	4	92	0.156	SE
M1	20200615	Sunny	Moderate	Mid-Ebb	B	8.3	9:25	6.81	8.32	31.63	28.65	3.15	<2	96	0.173	E
M1	20200615	Sunny	Moderate	Mid-Ebb	B	8.3	9:25	6.69	8.21	31.84	28.66	3.04	<2	93	0.208	SE
M1	20200615	Sunny	Moderate	Mid-Ebb	M	4.65	9:26	7.29	8.37	31.92	28.56	2.66	<2	96	0.177	SE
M1	20200615	Sunny	Moderate	Mid-Ebb	M	4.65	9:26	7.16	8.26	31.74	28.63	2.52	<2	95	0.159	SE
M1	20200615	Sunny	Moderate	Mid-Ebb	S	1	9:27	7.03	8.44	31.94	28.53	2.43	3	95	0.177	E
M1	20200615	Sunny	Moderate	Mid-Ebb	S	1	9:27	7.54	8.18	31.86	28.57	2.23	2	95	0.19	SE
S1	20200615	Sunny	Moderate	Mid-Ebb	B	3.8	10:57	7.26	8.35	31.64	28.92	3.11	5	96	0.139	SE
S1	20200615	Sunny	Moderate	Mid-Ebb	B	3.8	10:57	7.21	8.15	31.78	28.87	2.76	6	96	0.182	SE
S1	20200615	Sunny	Moderate	Mid-Ebb	S	1	10:58	6.61	8.17	31.78	28.87	2.31	4	96	0.161	SE
S1	20200615	Sunny	Moderate	Mid-Ebb	S	1	10:58	7.47	8.32	31.74	28.8	2.72	5	96	0.13	E
S2A	20200615	Sunny	Moderate	Mid-Ebb	B	8.3	10:33	7.25	8.4	31.93	28.78	2.83	2	92	0.196	SE
S2A	20200615	Sunny	Moderate	Mid-Ebb	B	8.3	10:33	7.38	8.2	31.57	28.68	3.06	2	95	0.137	SE

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20200615	Sunny	Moderate	Mid-Ebb	M	4.65	10:34	6.94	8.17	31.6	28.65	2.27	<2	95	0.141	E
S2A	20200615	Sunny	Moderate	Mid-Ebb	M	4.65	10:34	7.35	8.4	31.8	28.84	2.75	<2	95	0.153	SE
S2A	20200615	Sunny	Moderate	Mid-Ebb	S	1	10:35	7.43	8.24	31.78	28.7	2.2	<2	95	0.158	E
S2A	20200615	Sunny	Moderate	Mid-Ebb	S	1	10:35	6.91	8.29	31.84	28.81	2.56	<2	96	0.212	SE
S3	20200615	Sunny	Moderate	Mid-Ebb	B	10.1	9:25	7.5	8.17	31.73	28.66	2.85	3	95	0.149	SE
S3	20200615	Sunny	Moderate	Mid-Ebb	B	10.1	9:25	6.52	8.36	31.82	28.76	3.22	2	95	0.179	SE
S3	20200615	Sunny	Moderate	Mid-Ebb	M	5.55	9:26	7.29	8.36	31.63	28.73	2.73	3	96	0.152	SE
S3	20200615	Sunny	Moderate	Mid-Ebb	M	5.55	9:26	7.34	8.33	31.59	28.63	2.29	3	96	0.135	SE
S3	20200615	Sunny	Moderate	Mid-Ebb	S	1	9:27	7.32	8.4	31.54	28.7	2.72	3	92	0.197	E
S3	20200615	Sunny	Moderate	Mid-Ebb	S	1	9:27	7.25	8.22	31.6	28.61	2.61	3	95	0.165	SE
B1	20200615	Sunny	Moderate	Mid-Flood	B	3.5	12:53	6.89	8.15	31.52	30.25	2.62	2	92	0.211	NW
B1	20200615	Sunny	Moderate	Mid-Flood	B	3.5	12:53	7.21	8.18	31.43	30.25	3.09	2	92	0.213	W
B1	20200615	Sunny	Moderate	Mid-Flood	S	1	12:54	7.36	8.16	31.56	30.49	2.35	2	93	0.169	W
B1	20200615	Sunny	Moderate	Mid-Flood	S	1	12:54	6.76	8.51	31.81	30.36	2.48	2	93	0.196	NW
B2	20200615	Sunny	Moderate	Mid-Flood	B	3.4	12:35	7.64	8.18	31.81	30.34	3.02	3	92	0.194	W
B2	20200615	Sunny	Moderate	Mid-Flood	B	3.4	12:35	6.88	8.24	31.5	30.38	3.02	2	93	0.206	W
B2	20200615	Sunny	Moderate	Mid-Flood	S	1	12:36	6.94	8.25	31.38	30.45	2.32	3	93	0.211	W
B2	20200615	Sunny	Moderate	Mid-Flood	S	1	12:36	7.65	8.36	31.44	30.27	2.65	2	93	0.14	W
B3	20200615	Sunny	Moderate	Mid-Flood	B	3.5	13:20	7.06	8.13	31.85	30.29	2.83	3	91	0.21	W
B3	20200615	Sunny	Moderate	Mid-Flood	B	3.5	13:20	7.44	8.25	32	30.24	3.01	3	93	0.215	W
B3	20200615	Sunny	Moderate	Mid-Flood	S	1	13:21	6.89	8.35	31.84	30.34	2.36	3	92	0.21	W
B3	20200615	Sunny	Moderate	Mid-Flood	S	1	13:21	7.7	8.14	31.91	30.27	2.34	2	93	0.203	W
B4	20200615	Sunny	Moderate	Mid-Flood	B	3.8	13:28	7.64	8.19	31.7	30.37	2.89	2	92	0.213	W
B4	20200615	Sunny	Moderate	Mid-Flood	B	3.8	13:28	7.42	8.15	31.8	30.36	3.1	3	93	0.214	W
B4	20200615	Sunny	Moderate	Mid-Flood	S	1	13:29	7.16	8.29	31.62	30.2	2.2	2	94	0.175	W
B4	20200615	Sunny	Moderate	Mid-Flood	S	1	13:29	7.75	8.41	31.31	30.21	2.53	2	94	0.138	NW
C1A	20200615	Sunny	Moderate	Mid-Flood	B	10.8	13:39	6.96	8.27	31.61	30.34	2.93	3	92	0.226	W
C1A	20200615	Sunny	Moderate	Mid-Flood	B	10.8	13:39	6.84	8.43	31.77	30.38	3.05	3	92	0.14	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
C1A	20200615	Sunny	Moderate	Mid-Flood	M	5.9	13:40	6.95	8.26	31.87	30.17	2.53	3	93	0.168	W
C1A	20200615	Sunny	Moderate	Mid-Flood	M	5.9	13:40	7.58	8.29	31.68	30.35	2.83	2	93	0.169	W
C1A	20200615	Sunny	Moderate	Mid-Flood	S	1	13:41	7.75	8.13	31.62	30.3	2.13	2	91	0.159	W
C1A	20200615	Sunny	Moderate	Mid-Flood	S	1	13:41	7.25	8.29	31.41	30.25	2.49	2	93	0.225	W
C2A	20200615	Sunny	Moderate	Mid-Flood	B	10.2	12:35	7.19	8.43	31.8	30.41	3.02	3	92	0.2	NW
C2A	20200615	Sunny	Moderate	Mid-Flood	B	10.2	12:35	7.09	8.46	31.32	30.32	2.98	3	93	0.184	W
C2A	20200615	Sunny	Moderate	Mid-Flood	M	5.6	12:36	7.33	8.15	32.05	30.32	2.55	3	92	0.227	NW
C2A	20200615	Sunny	Moderate	Mid-Flood	M	5.6	12:36	7.38	8.34	32.03	30.31	2.5	3	93	0.199	W
C2A	20200615	Sunny	Moderate	Mid-Flood	S	1	12:37	7.17	8.43	31.85	30.28	2.26	3	92	0.164	W
C2A	20200615	Sunny	Moderate	Mid-Flood	S	1	12:37	7.71	8.37	31.62	30.25	2.44	3	91	0.141	W
CR1	20200615	Sunny	Moderate	Mid-Flood	B	11.3	12:59	7.76	8.19	31.69	30.39	3.04	4	92	0.178	W
CR1	20200615	Sunny	Moderate	Mid-Flood	B	11.3	12:59	7.55	8.45	31.52	30.38	3.17	3	92	0.151	W
CR1	20200615	Sunny	Moderate	Mid-Flood	M	6.15	13:00	7.39	8.45	31.97	30.48	2.43	3	90	0.199	W
CR1	20200615	Sunny	Moderate	Mid-Flood	M	6.15	13:00	7.47	8.21	32.05	30.32	2.61	3	92	0.205	W
CR1	20200615	Sunny	Moderate	Mid-Flood	S	1	13:01	7.48	8.17	31.35	30.53	2.52	2	92	0.207	W
CR1	20200615	Sunny	Moderate	Mid-Flood	S	1	13:01	7.11	8.49	31.52	30.48	2.44	2	91	0.211	W
CR2	20200615	Sunny	Moderate	Mid-Flood	B	10.4	13:13	7.54	8.45	31.71	30.32	3.17	3	92	0.218	W
CR2	20200615	Sunny	Moderate	Mid-Flood	B	10.4	13:13	7.57	8.44	31.66	30.23	3.06	4	92	0.167	W
CR2	20200615	Sunny	Moderate	Mid-Flood	M	5.7	13:14	7.25	8.17	31.96	30.25	2.53	3	93	0.206	W
CR2	20200615	Sunny	Moderate	Mid-Flood	M	5.7	13:14	7.61	8.32	31.6	30.15	2.35	3	92	0.217	W
CR2	20200615	Sunny	Moderate	Mid-Flood	S	1	13:15	7.19	8.16	31.88	30.19	2.59	<2	92	0.145	W
CR2	20200615	Sunny	Moderate	Mid-Flood	S	1	13:15	7.66	8.29	31.68	30.3	2.36	<2	92	0.168	W
F1A	20200615	Sunny	Moderate	Mid-Flood	B	7.7	13:50	6.79	8.17	31.38	30.07	2.72	3	91	0.163	W
F1A	20200615	Sunny	Moderate	Mid-Flood	B	7.7	13:50	7.42	8.25	31.68	30.37	3.19	3	92	0.166	NW
F1A	20200615	Sunny	Moderate	Mid-Flood	M	4.35	13:51	6.81	8.5	31.7	30.35	2.63	3	92	0.169	NW
F1A	20200615	Sunny	Moderate	Mid-Flood	M	4.35	13:51	7.75	8.41	31.65	30.31	2.44	3	92	0.181	NW
F1A	20200615	Sunny	Moderate	Mid-Flood	S	1	13:52	7.05	8.34	31.48	30.33	2.29	3	92	0.194	NW
F1A	20200615	Sunny	Moderate	Mid-Flood	S	1	13:52	6.81	8.33	31.69	30.25	2.29	3	93	0.148	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200615	Sunny	Moderate	Mid-Flood	B	6.6	14:02	6.94	8.51	31.96	30.39	3.09	2	92	0.16	W
H1	20200615	Sunny	Moderate	Mid-Flood	B	6.6	14:02	7.15	8.47	31.47	30.34	2.83	2	93	0.153	W
H1	20200615	Sunny	Moderate	Mid-Flood	M	3.8	14:03	6.79	8.15	32.05	30.25	2.33	3	92	0.182	NW
H1	20200615	Sunny	Moderate	Mid-Flood	M	3.8	14:03	7.5	8.19	31.69	30.17	2.83	3	92	0.228	NW
H1	20200615	Sunny	Moderate	Mid-Flood	S	1	14:04	7.36	8.14	31.88	30.32	2.6	3	93	0.215	W
H1	20200615	Sunny	Moderate	Mid-Flood	S	1	14:04	6.76	8.18	31.91	30.22	2.2	3	92	0.228	W
M1	20200615	Sunny	Moderate	Mid-Flood	B	6.5	14:11	7.22	8.19	31.65	30.17	2.75	4	91	0.177	W
M1	20200615	Sunny	Moderate	Mid-Flood	B	6.5	14:11	7.24	8.39	31.31	30.15	2.73	4	94	0.196	W
M1	20200615	Sunny	Moderate	Mid-Flood	M	3.75	14:12	7.11	8.21	31.57	30.17	2.34	4	92	0.202	NW
M1	20200615	Sunny	Moderate	Mid-Flood	M	3.75	14:12	7.32	8.36	31.36	30.23	2.63	4	92	0.137	W
M1	20200615	Sunny	Moderate	Mid-Flood	S	1	14:13	7.09	8.34	31.63	30.21	2.37	3	93	0.185	NW
M1	20200615	Sunny	Moderate	Mid-Flood	S	1	14:13	7.26	8.26	31.68	30.15	2.36	4	92	0.143	W
S1	20200615	Sunny	Moderate	Mid-Flood	B	4.6	12:45	7.19	8.31	31.69	30.28	2.97	2	93	0.174	NW
S1	20200615	Sunny	Moderate	Mid-Flood	B	4.6	12:45	7.49	8.2	31.44	30.35	2.71	2	92	0.199	W
S1	20200615	Sunny	Moderate	Mid-Flood	S	1	12:46	7.33	8.46	31.44	30.41	2.51	2	92	0.178	W
S1	20200615	Sunny	Moderate	Mid-Flood	S	1	12:46	7.16	8.25	31.9	30.46	2.55	3	92	0.183	W
S2A	20200615	Sunny	Moderate	Mid-Flood	B	8.9	13:07	7.23	8.16	31.53	30.41	3.02	4	93	0.139	W
S2A	20200615	Sunny	Moderate	Mid-Flood	B	8.9	13:07	7.29	8.42	31.8	30.49	2.99	3	92	0.171	W
S2A	20200615	Sunny	Moderate	Mid-Flood	M	4.95	13:08	7.12	8.45	31.96	30.46	2.75	3	92	0.149	W
S2A	20200615	Sunny	Moderate	Mid-Flood	M	4.95	13:08	7.39	8.32	31.38	30.51	2.69	3	92	0.167	W
S2A	20200615	Sunny	Moderate	Mid-Flood	S	1	13:09	7.39	8.22	31.96	30.39	2.16	2	92	0.18	NW
S2A	20200615	Sunny	Moderate	Mid-Flood	S	1	13:09	7.48	8.33	31.41	30.44	2.59	2	93	0.172	NW
S3	20200615	Sunny	Moderate	Mid-Flood	B	9.3	13:20	7.8	8.2	31.74	30.15	2.97	<2	94	0.181	NW
S3	20200615	Sunny	Moderate	Mid-Flood	B	9.3	13:20	7.19	8.5	31.55	30.25	3.14	<2	92	0.171	W
S3	20200615	Sunny	Moderate	Mid-Flood	M	5.15	13:21	6.91	8.32	31.3	30.37	2.76	3	93	0.182	W
S3	20200615	Sunny	Moderate	Mid-Flood	M	5.15	13:21	7.81	8.27	31.62	30.15	2.82	2	94	0.198	NW
S3	20200615	Sunny	Moderate	Mid-Flood	S	1	13:22	7.33	8.32	31.31	30.25	2.59	4	91	0.168	W
S3	20200615	Sunny	Moderate	Mid-Flood	S	1	13:22	7.53	8.51	31.41	30.15	2.52	3	93	0.159	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	20200617	Sunny	Moderate	Mid-Ebb	B	3.5	10:42	7.08	8.44	32.31	30.82	3.1	4	79	0.147	SE
B1	20200617	Sunny	Moderate	Mid-Ebb	B	3.5	10:42	7.65	8.48	32.53	30.71	3.09	4	78	0.165	SE
B1	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:43	7.18	8.54	32.42	30.66	2.15	4	78	0.163	E
B1	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:43	7.24	8.55	32.36	30.7	2.61	5	80	0.12	E
B2	20200617	Sunny	Moderate	Mid-Ebb	B	4.6	10:57	7.23	8.33	32.16	30.64	2.92	3	79	0.177	SE
B2	20200617	Sunny	Moderate	Mid-Ebb	B	4.6	10:57	7.86	8.26	32.39	30.68	2.67	3	80	0.174	SE
B2	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:58	7.78	8.21	32.21	30.82	2.37	4	79	0.117	SE
B2	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:58	8.02	8.21	32.48	30.78	2.06	4	79	0.112	SE
B3	20200617	Sunny	Moderate	Mid-Ebb	B	4.2	10:32	8.13	8.51	32.29	30.82	3.1	3	79	0.119	E
B3	20200617	Sunny	Moderate	Mid-Ebb	B	4.2	10:32	7.46	8.54	32.41	30.66	2.93	4	78	0.112	SE
B3	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:33	8.04	8.54	32.54	30.75	2.37	2	80	0.117	SE
B3	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:33	7.91	8.36	32.15	30.91	2.27	2	79	0.126	E
B4	20200617	Sunny	Moderate	Mid-Ebb	B	3.2	10:22	8.08	8.2	32.22	30.91	2.8	4	79	0.164	SE
B4	20200617	Sunny	Moderate	Mid-Ebb	B	3.2	10:22	7.65	8.37	32.39	30.79	2.76	4	79	0.14	E
B4	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:23	7.08	8.6	32.48	30.64	2.24	3	79	0.118	E
B4	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:23	7.22	8.26	32.39	30.75	2.1	4	79	0.166	SE
C1A	20200617	Sunny	Moderate	Mid-Ebb	B	9.7	10:22	8.02	8.26	32.48	30.9	3.06	3	80	0.148	SE
C1A	20200617	Sunny	Moderate	Mid-Ebb	B	9.7	10:22	7.82	8.53	32.5	30.85	2.96	4	79	0.145	E
C1A	20200617	Sunny	Moderate	Mid-Ebb	M	5.35	10:23	7.18	8.39	32.48	30.75	2.15	3	80	0.186	SE
C1A	20200617	Sunny	Moderate	Mid-Ebb	M	5.35	10:23	7.13	8.54	32.18	30.83	2.2	4	79	0.153	SE
C1A	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:24	7.07	8.23	32.2	30.67	2.53	4	78	0.171	E
C1A	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:24	7.45	8.29	32.37	30.78	2.41	4	79	0.154	SE
C2A	20200617	Sunny	Moderate	Mid-Ebb	B	10.4	11:42	7.13	8.2	32.29	30.79	3.08	4	80	0.173	SE
C2A	20200617	Sunny	Moderate	Mid-Ebb	B	10.4	11:42	7.91	8.51	32.39	30.69	2.69	4	78	0.124	SE
C2A	20200617	Sunny	Moderate	Mid-Ebb	M	5.7	11:43	7.9	8.49	32.34	30.69	2.38	3	80	0.109	SE
C2A	20200617	Sunny	Moderate	Mid-Ebb	M	5.7	11:43	8	8.47	32.46	30.94	2.34	3	79	0.187	SE
C2A	20200617	Sunny	Moderate	Mid-Ebb	S	1	11:44	7.14	8.58	32.29	30.86	2.46	3	80	0.124	SE
C2A	20200617	Sunny	Moderate	Mid-Ebb	S	1	11:44	8.12	8.4	32.47	30.88	2.07	4	79	0.156	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20200617	Sunny	Moderate	Mid-Ebb	B	12.7	11:23	8.03	8.19	32.53	30.82	2.64	3	82	0.17	SE
CR1	20200617	Sunny	Moderate	Mid-Ebb	B	12.7	11:23	7.88	8.26	32.42	30.71	2.93	4	82	0.112	E
CR1	20200617	Sunny	Moderate	Mid-Ebb	M	6.85	11:24	7.13	8.53	32.17	30.8	2.18	3	82	0.128	E
CR1	20200617	Sunny	Moderate	Mid-Ebb	M	6.85	11:24	7.26	8.44	32.4	30.94	2.44	4	82	0.167	E
CR1	20200617	Sunny	Moderate	Mid-Ebb	S	1	11:25	7.24	8.2	32.14	30.85	2.54	4	82	0.124	SE
CR1	20200617	Sunny	Moderate	Mid-Ebb	S	1	11:25	7.21	8.4	32.51	30.89	2.04	3	82	0.139	SE
CR2	20200617	Sunny	Moderate	Mid-Ebb	B	10.5	11:05	8.18	8.34	32.45	30.69	3.01	<2	82	0.166	E
CR2	20200617	Sunny	Moderate	Mid-Ebb	B	10.5	11:05	7.14	8.43	32.53	30.8	2.94	<2	82	0.159	E
CR2	20200617	Sunny	Moderate	Mid-Ebb	M	5.75	11:06	8.02	8.56	32.48	30.85	2.42	3	82	0.119	SE
CR2	20200617	Sunny	Moderate	Mid-Ebb	M	5.75	11:06	7.73	8.37	32.34	30.97	2.62	4	82	0.129	SE
CR2	20200617	Sunny	Moderate	Mid-Ebb	S	1	11:07	7.29	8.25	32.5	30.74	2.3	4	81	0.111	SE
CR2	20200617	Sunny	Moderate	Mid-Ebb	S	1	11:07	7.22	8.25	32.35	30.86	2.61	4	81	0.177	SE
F1A	20200617	Sunny	Moderate	Mid-Ebb	B	7.3	11:40	7.63	8.37	32.2	30.77	2.8	3	82	0.169	SE
F1A	20200617	Sunny	Moderate	Mid-Ebb	B	7.3	11:40	7.63	8.58	32.21	30.81	2.98	4	82	0.135	SE
F1A	20200617	Sunny	Moderate	Mid-Ebb	M	4.15	11:41	8.19	8.23	32.15	30.87	2.12	4	81	0.15	E
F1A	20200617	Sunny	Moderate	Mid-Ebb	M	4.15	11:41	7.27	8.58	32.55	30.82	2.2	4	82	0.157	SE
F1A	20200617	Sunny	Moderate	Mid-Ebb	S	1	11:42	8	8.58	32.34	30.97	2.3	3	80	0.187	E
F1A	20200617	Sunny	Moderate	Mid-Ebb	S	1	11:42	8.12	8.29	32.18	30.71	2.3	4	80	0.13	SE
H1	20200617	Sunny	Moderate	Mid-Ebb	B	8	10:49	7.82	8.25	32.15	30.66	3.01	4	80	0.19	SE
H1	20200617	Sunny	Moderate	Mid-Ebb	B	8	10:49	7.14	8.2	32.39	30.74	2.76	4	79	0.146	SE
H1	20200617	Sunny	Moderate	Mid-Ebb	M	4.5	10:50	7.69	8.45	32.4	30.77	2.49	4	79	0.143	SE
H1	20200617	Sunny	Moderate	Mid-Ebb	M	4.5	10:50	7.96	8.44	32.52	30.62	2.06	4	79	0.131	SE
H1	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:51	7.25	8.58	32.56	30.91	2.44	3	79	0.153	E
H1	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:51	7.07	8.21	32.15	30.77	2.58	4	78	0.166	E
M1	20200617	Sunny	Moderate	Mid-Ebb	B	8.2	12:02	7.6	8.32	32.54	30.71	2.93	3	81	0.134	SE
M1	20200617	Sunny	Moderate	Mid-Ebb	B	8.2	12:02	7.2	8.57	32.46	30.74	3.12	3	81	0.132	SE
M1	20200617	Sunny	Moderate	Mid-Ebb	M	4.6	12:03	8.19	8.56	32.35	30.74	2.43	3	82	0.183	E
M1	20200617	Sunny	Moderate	Mid-Ebb	M	4.6	12:03	8.14	8.56	32.24	30.76	2.08	3	82	0.149	SE

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20200617	Sunny	Moderate	Mid-Ebb	S	1	12:04	7.78	8.46	32.14	30.89	2.3	3	80	0.174	SE
M1	20200617	Sunny	Moderate	Mid-Ebb	S	1	12:04	7.83	8.52	32.26	30.81	2.41	3	81	0.113	SE
S1	20200617	Sunny	Moderate	Mid-Ebb	B	3.8	10:50	7.41	8.31	32.41	30.8	2.63	3	81	0.14	SE
S1	20200617	Sunny	Moderate	Mid-Ebb	B	3.8	10:50	7.95	8.53	32.54	30.93	3.12	3	82	0.107	E
S1	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:51	7.27	8.45	32.49	30.77	2.46	4	82	0.132	E
S1	20200617	Sunny	Moderate	Mid-Ebb	S	1	10:51	7.4	8.37	32.29	30.62	2.61	4	82	0.183	SE
S2A	20200617	Sunny	Moderate	Mid-Ebb	B	8.6	11:10	8.1	8.59	32.44	30.96	2.88	3	82	0.151	SE
S2A	20200617	Sunny	Moderate	Mid-Ebb	B	8.6	11:10	7.35	8.43	32.18	30.91	2.92	3	82	0.166	E
S2A	20200617	Sunny	Moderate	Mid-Ebb	M	4.8	11:11	7.66	8.35	32.35	30.96	2.1	2	81	0.179	E
S2A	20200617	Sunny	Moderate	Mid-Ebb	M	4.8	11:11	7.48	8.42	32.17	30.68	2.18	3	82	0.174	SE
S2A	20200617	Sunny	Moderate	Mid-Ebb	S	1	11:12	7.6	8.38	32.42	30.73	2.25	3	82	0.112	E
S2A	20200617	Sunny	Moderate	Mid-Ebb	S	1	11:12	7.78	8.43	32.45	30.76	2.2	3	82	0.159	E
S3	20200617	Sunny	Moderate	Mid-Ebb	B	9.6	11:15	7.94	8.25	32.27	30.8	2.78	3	82	0.132	SE
S3	20200617	Sunny	Moderate	Mid-Ebb	B	9.6	11:15	7.29	8.57	32.38	30.86	3.04	3	82	0.169	E
S3	20200617	Sunny	Moderate	Mid-Ebb	M	5.3	11:16	7.93	8.37	32.18	30.92	2.23	4	82	0.107	E
S3	20200617	Sunny	Moderate	Mid-Ebb	M	5.3	11:16	7.89	8.59	32.39	30.95	2.39	5	82	0.186	SE
S3	20200617	Sunny	Moderate	Mid-Ebb	S	1	11:17	7.43	8.24	32.15	30.87	2.66	4	82	0.126	SE
S3	20200617	Sunny	Moderate	Mid-Ebb	S	1	11:17	7.63	8.37	32.55	30.9	2.18	4	82	0.192	SE
B1	20200617	Sunny	Moderate	Mid-Flood	B	3.8	14:59	8.04	8.56	32.26	31.16	2.88	3	77	0.127	W
B1	20200617	Sunny	Moderate	Mid-Flood	B	3.8	14:59	8.17	8.45	32.56	31.41	2.99	4	78	0.128	W
B1	20200617	Sunny	Moderate	Mid-Flood	S	1	15:00	8.07	8.59	32.61	31.27	2.21	<2	78	0.18	W
B1	20200617	Sunny	Moderate	Mid-Flood	S	1	15:00	7.88	8.43	32.48	31.24	2.57	<2	77	0.124	W
B2	20200617	Sunny	Moderate	Mid-Flood	B	3.7	14:45	7.7	8.21	32.59	31.26	3.01	3	77	0.134	NW
B2	20200617	Sunny	Moderate	Mid-Flood	B	3.7	14:45	7.69	8.65	32.46	31.17	2.74	2	78	0.118	W
B2	20200617	Sunny	Moderate	Mid-Flood	S	1	14:46	7.27	8.28	32.11	31.38	2.13	2	77	0.161	W
B2	20200617	Sunny	Moderate	Mid-Flood	S	1	14:46	7.76	8.32	32.65	31.14	2.29	3	77	0.155	W
B3	20200617	Sunny	Moderate	Mid-Flood	B	3.4	15:27	7.97	8.6	32.29	31.23	2.81	3	78	0.135	NW
B3	20200617	Sunny	Moderate	Mid-Flood	B	3.4	15:27	7.4	8.51	32.03	31.47	2.91	3	78	0.152	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B3	20200617	Sunny	Moderate	Mid-Flood	S	1	15:28	7.65	8.55	32.66	31.25	2.41	<2	78	0.19	W
B3	20200617	Sunny	Moderate	Mid-Flood	S	1	15:28	8.2	8.21	32.57	31.34	2.31	<2	78	0.175	W
B4	20200617	Sunny	Moderate	Mid-Flood	B	4.3	15:36	7.31	8.53	32.63	31.34	2.86	4	78	0.109	W
B4	20200617	Sunny	Moderate	Mid-Flood	B	4.3	15:36	7.66	8.37	32.6	31.18	2.89	4	78	0.173	NW
B4	20200617	Sunny	Moderate	Mid-Flood	S	1	15:37	7.76	8.53	32.57	31.2	2.47	3	77	0.17	W
B4	20200617	Sunny	Moderate	Mid-Flood	S	1	15:37	8.01	8.45	32.21	31.24	2.34	3	78	0.148	NW
C1A	20200617	Sunny	Moderate	Mid-Flood	B	10.6	15:47	7.77	8.58	32.34	31.3	3.12	4	79	0.111	W
C1A	20200617	Sunny	Moderate	Mid-Flood	B	10.6	15:47	7.94	8.28	32.53	31.23	2.55	4	78	0.12	W
C1A	20200617	Sunny	Moderate	Mid-Flood	M	5.8	15:48	7.97	8.53	32.3	31.24	2.46	5	78	0.138	W
C1A	20200617	Sunny	Moderate	Mid-Flood	M	5.8	15:48	7.53	8.3	32.16	31.37	2.24	5	78	0.194	W
C1A	20200617	Sunny	Moderate	Mid-Flood	S	1	15:49	8.14	8.42	32.28	31.2	2.21	4	77	0.195	NW
C1A	20200617	Sunny	Moderate	Mid-Flood	S	1	15:49	8.13	8.29	32.1	31.34	2.45	5	78	0.18	W
C2A	20200617	Sunny	Moderate	Mid-Flood	B	10.4	14:45	7.87	8.4	32.55	31.26	2.75	5	78	0.206	W
C2A	20200617	Sunny	Moderate	Mid-Flood	B	10.4	14:45	7.29	8.47	32.22	31.19	2.65	4	79	0.159	W
C2A	20200617	Sunny	Moderate	Mid-Flood	M	5.7	14:46	8.06	8.49	32.55	31.31	2.52	4	78	0.116	W
C2A	20200617	Sunny	Moderate	Mid-Flood	M	5.7	14:46	7.29	8.54	32.45	31.27	2.24	4	78	0.171	W
C2A	20200617	Sunny	Moderate	Mid-Flood	S	1	14:47	7.89	8.57	32.08	31.22	2.16	4	77	0.162	W
C2A	20200617	Sunny	Moderate	Mid-Flood	S	1	14:47	7.67	8.53	32.53	31.2	2.49	5	77	0.203	NW
CR1	20200617	Sunny	Moderate	Mid-Flood	B	11.1	15:08	8.12	8.29	32.15	31.38	2.91	5	77	0.117	W
CR1	20200617	Sunny	Moderate	Mid-Flood	B	11.1	15:08	7.44	8.46	32.5	31.21	3.04	4	78	0.159	W
CR1	20200617	Sunny	Moderate	Mid-Flood	M	6.05	15:09	7.59	8.3	32.37	31.45	2.3	6	77	0.203	W
CR1	20200617	Sunny	Moderate	Mid-Flood	M	6.05	15:09	8.27	8.57	32.37	31.41	2.61	5	78	0.204	W
CR1	20200617	Sunny	Moderate	Mid-Flood	S	1	15:10	8.25	8.63	32.05	31.38	2.57	5	78	0.18	W
CR1	20200617	Sunny	Moderate	Mid-Flood	S	1	15:10	7.85	8.51	32.09	31.35	2.58	5	78	0.109	W
CR2	20200617	Sunny	Moderate	Mid-Flood	B	10.6	15:22	7.53	8.29	32.13	31.2	3.05	4	78	0.175	W
CR2	20200617	Sunny	Moderate	Mid-Flood	B	10.6	15:22	8.08	8.3	32.11	31.19	2.78	3	78	0.152	W
CR2	20200617	Sunny	Moderate	Mid-Flood	M	5.8	15:23	7.55	8.43	32.59	31.4	2.47	4	78	0.134	NW
CR2	20200617	Sunny	Moderate	Mid-Flood	M	5.8	15:23	7.6	8.35	32.5	31.25	2.39	3	78	0.169	NW

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20200617	Sunny	Moderate	Mid-Flood	S	1	15:24	7.5	8.57	32.06	31.19	2.52	4	76	0.175	NW
CR2	20200617	Sunny	Moderate	Mid-Flood	S	1	15:24	7.62	8.47	32.21	31.23	2.27	3	77	0.182	W
F1A	20200617	Sunny	Moderate	Mid-Flood	B	7.4	15:55	7.32	8.21	32.43	31.13	2.96	5	78	0.158	NW
F1A	20200617	Sunny	Moderate	Mid-Flood	B	7.4	15:55	7.99	8.53	32.13	31.17	2.95	4	78	0.185	W
F1A	20200617	Sunny	Moderate	Mid-Flood	M	4.2	15:56	7.79	8.38	32.3	31.3	2.71	5	78	0.126	W
F1A	20200617	Sunny	Moderate	Mid-Flood	M	4.2	15:56	8.29	8.53	32.48	31.33	2.63	4	78	0.125	NW
F1A	20200617	Sunny	Moderate	Mid-Flood	S	1	15:57	7.47	8.23	32.48	31.14	2.43	5	78	0.193	W
F1A	20200617	Sunny	Moderate	Mid-Flood	S	1	15:57	7.88	8.35	32.03	31.27	2.47	4	78	0.204	W
H1	20200617	Sunny	Moderate	Mid-Flood	B	7.3	16:14	7.65	8.66	32.46	31.27	2.79	3	77	0.122	W
H1	20200617	Sunny	Moderate	Mid-Flood	B	7.3	16:14	7.3	8.57	32.2	31.34	2.58	3	79	0.192	W
H1	20200617	Sunny	Moderate	Mid-Flood	M	4.15	16:15	8.24	8.32	32.28	31.33	2.24	4	78	0.144	NW
H1	20200617	Sunny	Moderate	Mid-Flood	M	4.15	16:15	7.95	8.54	32.31	31.12	2.59	3	79	0.111	W
H1	20200617	Sunny	Moderate	Mid-Flood	S	1	16:16	7.77	8.21	32.11	31.11	2.42	4	78	0.128	W
H1	20200617	Sunny	Moderate	Mid-Flood	S	1	16:16	7.61	8.28	32.62	31.34	2.06	3	79	0.178	NW
M1	20200617	Sunny	Moderate	Mid-Flood	B	6.8	16:15	8.1	8.35	32.36	31.13	3.02	5	78	0.178	NW
M1	20200617	Sunny	Moderate	Mid-Flood	B	6.8	16:15	8.03	8.51	32.22	31.31	2.98	5	77	0.156	W
M1	20200617	Sunny	Moderate	Mid-Flood	M	3.9	16:16	7.28	8.21	32.12	31.11	2.27	4	78	0.154	W
M1	20200617	Sunny	Moderate	Mid-Flood	M	3.9	16:16	7.31	8.21	32.08	31.28	2.4	4	78	0.189	W
M1	20200617	Sunny	Moderate	Mid-Flood	S	1	16:17	8.25	8.54	32.08	31.23	2.02	4	77	0.189	W
M1	20200617	Sunny	Moderate	Mid-Flood	S	1	16:17	7.5	8.28	32.37	31.24	2.04	4	78	0.191	W
S1	20200617	Sunny	Moderate	Mid-Flood	B	4.2	14:53	8.24	8.35	32.08	31.15	2.6	5	78	0.154	NW
S1	20200617	Sunny	Moderate	Mid-Flood	B	4.2	14:53	7.93	8.52	32.09	31.33	2.78	5	78	0.143	W
S1	20200617	Sunny	Moderate	Mid-Flood	S	1	14:54	8.01	8.45	32.48	31.33	2.42	4	78	0.194	W
S1	20200617	Sunny	Moderate	Mid-Flood	S	1	14:54	8.2	8.53	32.23	31.18	2.43	4	78	0.202	NW
S2A	20200617	Sunny	Moderate	Mid-Flood	B	8.3	15:13	7.21	8.23	32.28	31.08	3.03	5	78	0.132	W
S2A	20200617	Sunny	Moderate	Mid-Flood	B	8.3	15:13	7.4	8.31	32.28	31.22	2.85	4	78	0.137	W
S2A	20200617	Sunny	Moderate	Mid-Flood	M	4.65	15:14	7.4	8.45	32.2	31.3	2.31	5	78	0.157	W
S2A	20200617	Sunny	Moderate	Mid-Flood	M	4.65	15:14	7.7	8.42	32.5	31.24	2.4	5	78	0.112	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
S2A	20200617	Sunny	Moderate	Mid-Flood	S	1	15:15	7.44	8.57	32.3	31.23	2.22	4	78	0.202	W
S2A	20200617	Sunny	Moderate	Mid-Flood	S	1	15:15	7.47	8.6	32.23	31.3	2.04	4	78	0.113	W
S3	20200617	Sunny	Moderate	Mid-Flood	B	8.1	15:29	7.81	8.39	32.26	31.31	3.11	5	78	0.169	W
S3	20200617	Sunny	Moderate	Mid-Flood	B	8.1	15:29	7.83	8.5	32.56	31.43	2.81	5	78	0.168	W
S3	20200617	Sunny	Moderate	Mid-Flood	M	4.55	15:30	7.31	8.47	32.64	31.26	2.35	4	78	0.202	W
S3	20200617	Sunny	Moderate	Mid-Flood	M	4.55	15:30	8.25	8.51	32.11	31.4	2.35	5	78	0.203	W
S3	20200617	Sunny	Moderate	Mid-Flood	S	1	15:31	7.85	8.53	32.59	31.31	2.22	4	78	0.126	W
S3	20200617	Sunny	Moderate	Mid-Flood	S	1	15:31	7.15	8.34	32.32	31.21	2.55	5	78	0.148	W
B1	20200619	Sunny	Moderate	Mid-Ebb	B	3.5	11:58	6.89	8.51	32.1	29.85	2.82	<2	89	0.183	SE
B1	20200619	Sunny	Moderate	Mid-Ebb	B	3.5	11:58	7.89	8.31	32.14	29.82	3.07	<2	90	0.112	SE
B1	20200619	Sunny	Moderate	Mid-Ebb	S	1	11:59	6.51	8.2	32.44	29.75	2.21	<2	89	0.174	SE
B1	20200619	Sunny	Moderate	Mid-Ebb	S	1	11:59	7.11	8.2	32.09	29.87	2.25	<2	89	0.184	E
B2	20200619	Sunny	Moderate	Mid-Ebb	B	4.1	12:14	6.76	8.22	32.37	29.81	2.87	<2	90	0.155	SE
B2	20200619	Sunny	Moderate	Mid-Ebb	B	4.1	12:14	7.32	8.26	32.23	29.7	2.82	<2	90	0.16	E
B2	20200619	Sunny	Moderate	Mid-Ebb	S	1	12:15	6.78	8.41	32.18	29.83	2.4	<2	90	0.121	E
B2	20200619	Sunny	Moderate	Mid-Ebb	S	1	12:15	7.86	8.46	32.18	29.87	2.61	<2	90	0.166	SE
B3	20200619	Sunny	Moderate	Mid-Ebb	B	4.1	11:28	7.2	8.47	32.09	29.55	2.81	<2	90	0.151	E
B3	20200619	Sunny	Moderate	Mid-Ebb	B	4.1	11:28	7.33	8.51	32.3	29.56	3.04	<2	90	0.171	SE
B3	20200619	Sunny	Moderate	Mid-Ebb	S	1	11:29	7.88	8.46	32.41	29.61	2.13	<2	90	0.12	E
B3	20200619	Sunny	Moderate	Mid-Ebb	S	1	11:29	6.65	8.38	32.1	29.57	2.47	<2	90	0.162	E
B4	20200619	Sunny	Moderate	Mid-Ebb	B	3.4	11:19	7.64	8.26	32.26	29.65	2.93	2	89	0.172	SE
B4	20200619	Sunny	Moderate	Mid-Ebb	B	3.4	11:19	7.42	8.44	32.23	29.58	3.09	3	90	0.165	SE
B4	20200619	Sunny	Moderate	Mid-Ebb	S	1	11:20	7.9	8.52	32.12	29.76	2.1	<2	89	0.144	SE
B4	20200619	Sunny	Moderate	Mid-Ebb	S	1	11:20	7.06	8.38	32.2	29.65	2.56	<2	89	0.144	SE
C1A	20200619	Sunny	Moderate	Mid-Ebb	B	8.3	9:32	6.62	8.21	32.18	29.45	3.13	3	89	0.145	SE
C1A	20200619	Sunny	Moderate	Mid-Ebb	B	8.3	9:32	7.36	8.17	32.36	29.35	2.76	3	90	0.15	SE
C1A	20200619	Sunny	Moderate	Mid-Ebb	M	4.65	9:33	7.16	8.46	32.4	29.54	2.54	2	90	0.172	SE
C1A	20200619	Sunny	Moderate	Mid-Ebb	M	4.65	9:33	6.5	8.38	32.3	29.63	2.17	2	90	0.116	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	20200619	Sunny	Moderate	Mid-Ebb	S	1	9:34	6.93	8.24	32.12	29.4	2.06	<2	89	0.169	SE
C1A	20200619	Sunny	Moderate	Mid-Ebb	S	1	9:34	7.94	8.18	32.37	29.43	2.54	<2	90	0.186	E
C2A	20200619	Sunny	Moderate	Mid-Ebb	B	10.9	10:48	6.6	8.19	32.15	29.72	3.02	2	90	0.162	SE
C2A	20200619	Sunny	Moderate	Mid-Ebb	B	10.9	10:48	7.9	8.5	32.03	29.65	2.78	2	89	0.14	SE
C2A	20200619	Sunny	Moderate	Mid-Ebb	M	5.95	10:49	7.27	8.4	32.39	29.71	2.59	<2	90	0.126	SE
C2A	20200619	Sunny	Moderate	Mid-Ebb	M	5.95	10:49	6.89	8.18	32.31	29.51	2.61	<2	90	0.122	SE
C2A	20200619	Sunny	Moderate	Mid-Ebb	S	1	10:50	6.96	8.21	32.17	29.57	2.42	<2	90	0.182	SE
C2A	20200619	Sunny	Moderate	Mid-Ebb	S	1	10:50	7.9	8.26	32.44	29.65	2.27	<2	89	0.176	SE
CR1	20200619	Sunny	Moderate	Mid-Ebb	B	12.8	10:28	6.7	8.24	32.03	29.59	2.78	<2	90	0.153	SE
CR1	20200619	Sunny	Moderate	Mid-Ebb	B	12.8	10:28	7.26	8.16	32.02	29.38	2.63	<2	90	0.194	E
CR1	20200619	Sunny	Moderate	Mid-Ebb	M	6.9	10:29	7.68	8.19	32.17	29.61	2.33	<2	90	0.18	E
CR1	20200619	Sunny	Moderate	Mid-Ebb	M	6.9	10:29	7.12	8.51	32.13	29.48	2.17	<2	90	0.183	SE
CR1	20200619	Sunny	Moderate	Mid-Ebb	S	1	10:30	6.99	8.26	32.41	29.69	2.48	2	90	0.175	SE
CR1	20200619	Sunny	Moderate	Mid-Ebb	S	1	10:30	7.17	8.52	32.42	29.42	2.36	3	90	0.163	SE
CR2	20200619	Sunny	Moderate	Mid-Ebb	B	10.3	10:08	7.43	8.33	32.37	29.67	2.8	<2	90	0.183	SE
CR2	20200619	Sunny	Moderate	Mid-Ebb	B	10.3	10:08	7.69	8.28	32.27	29.41	2.83	<2	90	0.133	SE
CR2	20200619	Sunny	Moderate	Mid-Ebb	M	5.65	10:09	7.18	8.5	32.42	29.57	2.45	<2	89	0.176	SE
CR2	20200619	Sunny	Moderate	Mid-Ebb	M	5.65	10:09	7.39	8.26	32.24	29.43	2.52	<2	89	0.172	SE
CR2	20200619	Sunny	Moderate	Mid-Ebb	S	1	10:10	7.7	8.19	32.23	29.5	2.14	<2	89	0.123	SE
CR2	20200619	Sunny	Moderate	Mid-Ebb	S	1	10:10	7.45	8.2	32.49	29.46	2.09	<2	90	0.117	SE
F1A	20200619	Sunny	Moderate	Mid-Ebb	B	8	10:56	6.49	8.44	32.49	29.69	2.9	3	90	0.174	SE
F1A	20200619	Sunny	Moderate	Mid-Ebb	B	8	10:56	7.18	8.18	32.03	29.67	3.01	2	90	0.151	SE
F1A	20200619	Sunny	Moderate	Mid-Ebb	M	4.5	10:57	6.97	8.21	32.05	29.71	2.25	2	89	0.181	SE
F1A	20200619	Sunny	Moderate	Mid-Ebb	M	4.5	10:57	7.72	8.37	32.24	29.55	2.46	3	90	0.131	E
F1A	20200619	Sunny	Moderate	Mid-Ebb	S	1	10:58	6.99	8.36	32.43	29.5	2.24	<2	90	0.152	SE
F1A	20200619	Sunny	Moderate	Mid-Ebb	S	1	10:58	6.93	8.41	32.1	29.64	2.23	<2	90	0.134	SE
H1	20200619	Sunny	Moderate	Mid-Ebb	B	7	9:52	6.65	8.33	32.44	29.54	2.6	3	89	0.13	SE
H1	20200619	Sunny	Moderate	Mid-Ebb	B	7	9:52	6.94	8.38	32.43	29.35	3.09	3	90	0.145	SE

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200619	Sunny	Moderate	Mid-Ebb	M	4	9:53	7.07	8.17	32.04	29.42	2.35	2	90	0.175	SE
H1	20200619	Sunny	Moderate	Mid-Ebb	M	4	9:53	7.4	8.5	32.02	29.6	2.46	3	90	0.123	SE
H1	20200619	Sunny	Moderate	Mid-Ebb	S	1	9:54	7.48	8.5	32.28	29.33	2.43	<2	90	0.19	SE
H1	20200619	Sunny	Moderate	Mid-Ebb	S	1	9:54	6.82	8.28	32.28	29.54	2.61	<2	90	0.177	SE
M1	20200619	Sunny	Moderate	Mid-Ebb	B	8.3	10:33	6.56	8.32	32.11	29.6	2.69	2	90	0.145	SE
M1	20200619	Sunny	Moderate	Mid-Ebb	B	8.3	10:33	7.12	8.28	32.44	29.4	2.68	2	90	0.18	E
M1	20200619	Sunny	Moderate	Mid-Ebb	M	4.65	10:34	7.34	8.28	32.23	29.67	2.08	4	90	0.134	SE
M1	20200619	Sunny	Moderate	Mid-Ebb	M	4.65	10:34	7.22	8.39	32.23	29.49	2.39	3	90	0.127	SE
M1	20200619	Sunny	Moderate	Mid-Ebb	S	1	10:35	7.26	8.23	32.25	29.46	2.35	4	90	0.133	E
M1	20200619	Sunny	Moderate	Mid-Ebb	S	1	10:35	7.42	8.41	32.02	29.68	2.35	4	90	0.123	SE
S1	20200619	Sunny	Moderate	Mid-Ebb	B	4	12:06	6.76	8.52	32.44	29.71	3.17	<2	92	0.144	E
S1	20200619	Sunny	Moderate	Mid-Ebb	B	4	12:06	6.85	8.18	32.35	29.83	2.86	<2	90	0.196	SE
S1	20200619	Sunny	Moderate	Mid-Ebb	S	1	12:07	6.82	8.43	32.06	29.87	2.15	<2	90	0.14	SE
S1	20200619	Sunny	Moderate	Mid-Ebb	S	1	12:07	7.43	8.45	32.37	29.84	2.15	<2	90	0.141	SE
S2A	20200619	Sunny	Moderate	Mid-Ebb	B	8.6	11:44	7.43	8.26	32.42	29.69	2.95	3	90	0.18	SE
S2A	20200619	Sunny	Moderate	Mid-Ebb	B	8.6	11:44	7.94	8.26	32.16	29.67	2.91	3	90	0.187	SE
S2A	20200619	Sunny	Moderate	Mid-Ebb	M	4.8	11:45	7.65	8.39	32.1	29.61	2.23	2	90	0.179	SE
S2A	20200619	Sunny	Moderate	Mid-Ebb	M	4.8	11:45	7.32	8.2	32.44	29.78	2.43	3	90	0.19	SE
S2A	20200619	Sunny	Moderate	Mid-Ebb	S	1	11:46	7.78	8.25	32.2	29.57	2.46	2	90	0.156	SE
S2A	20200619	Sunny	Moderate	Mid-Ebb	S	1	11:46	6.84	8.43	32.16	29.56	2.12	2	90	0.162	SE
S3	20200619	Sunny	Moderate	Mid-Ebb	B	9.4	10:17	6.56	8.2	32.1	29.6	3.24	3	90	0.132	SE
S3	20200619	Sunny	Moderate	Mid-Ebb	B	9.4	10:17	7.42	8.2	32.41	29.63	2.81	3	90	0.126	SE
S3	20200619	Sunny	Moderate	Mid-Ebb	M	5.2	10:18	8.08	8.38	32.37	29.58	2.2	2	90	0.157	SE
S3	20200619	Sunny	Moderate	Mid-Ebb	M	5.2	10:18	7.55	8.51	32.09	29.51	2.49	2	91	0.17	SE
S3	20200619	Sunny	Moderate	Mid-Ebb	S	1	10:19	6.58	8.52	32.23	29.41	2.15	<2	90	0.172	SE
S3	20200619	Sunny	Moderate	Mid-Ebb	S	1	10:19	6.66	8.28	32.47	29.46	2.29	<2	90	0.117	E
B1	20200619	Sunny	Moderate	Mid-Flood	B	4.4	16:29	7.85	8.37	32.01	29.93	2.83	3	83	0.191	NW
B1	20200619	Sunny	Moderate	Mid-Flood	B	4.4	16:29	7.85	8.29	32.17	30.07	2.59	3	84	0.148	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B1	20200619	Sunny	Moderate	Mid-Flood	S	1	16:30	7.49	8.54	32.07	30.11	2.53	2	83	0.179	NW
B1	20200619	Sunny	Moderate	Mid-Flood	S	1	16:30	7.41	8.29	31.92	30.13	2.29	2	84	0.143	W
B2	20200619	Sunny	Moderate	Mid-Flood	B	3.5	16:00	7.03	8.35	31.99	30.14	2.71	2	83	0.15	W
B2	20200619	Sunny	Moderate	Mid-Flood	B	3.5	16:00	6.79	8.28	31.88	30.24	3.02	2	83	0.147	W
B2	20200619	Sunny	Moderate	Mid-Flood	S	1	16:01	6.65	8.32	32.07	30.19	2.14	<2	84	0.149	NW
B2	20200619	Sunny	Moderate	Mid-Flood	S	1	16:01	7.29	8.2	31.91	30.05	2.32	<2	83	0.156	NW
B3	20200619	Sunny	Moderate	Mid-Flood	B	3.5	15:50	6.59	8.43	32	30.08	2.95	<2	83	0.137	W
B3	20200619	Sunny	Moderate	Mid-Flood	B	3.5	15:50	7.16	8.55	31.87	30.28	2.67	<2	83	0.169	W
B3	20200619	Sunny	Moderate	Mid-Flood	S	1	15:51	7.96	8.54	32.25	30.21	2.12	<2	83	0.185	W
B3	20200619	Sunny	Moderate	Mid-Flood	S	1	15:51	6.58	8.22	31.99	30.2	2.5	<2	83	0.179	W
B4	20200619	Sunny	Moderate	Mid-Flood	B	3.8	15:58	7.38	8.23	32.22	30.16	3.14	3	83	0.198	W
B4	20200619	Sunny	Moderate	Mid-Flood	B	3.8	15:58	7.9	8.29	31.96	30.17	3.13	2	83	0.143	NW
B4	20200619	Sunny	Moderate	Mid-Flood	S	1	15:59	7.42	8.55	31.9	30.21	2.22	<2	83	0.182	W
B4	20200619	Sunny	Moderate	Mid-Flood	S	1	15:59	7.22	8.3	32.1	30.19	2.22	<2	84	0.16	W
C1A	20200619	Sunny	Moderate	Mid-Flood	B	10.2	17:00	8.02	8.53	31.92	30.11	2.63	3	83	0.186	NW
C1A	20200619	Sunny	Moderate	Mid-Flood	B	10.2	17:00	8.03	8.41	32.2	30	2.65	3	83	0.137	W
C1A	20200619	Sunny	Moderate	Mid-Flood	M	5.6	17:01	8.09	8.32	32.1	30.2	2.37	2	83	0.162	W
C1A	20200619	Sunny	Moderate	Mid-Flood	M	5.6	17:01	7.01	8.4	32.22	30.03	2.73	3	83	0.152	W
C1A	20200619	Sunny	Moderate	Mid-Flood	S	1	17:02	7.87	8.3	32.03	30.2	2.51	2	83	0.148	W
C1A	20200619	Sunny	Moderate	Mid-Flood	S	1	17:02	7.79	8.49	32.12	30.09	2.13	2	83	0.173	W
C2A	20200619	Sunny	Moderate	Mid-Flood	B	10.9	15:00	7.05	8.35	32.19	30.38	2.68	3	83	0.201	W
C2A	20200619	Sunny	Moderate	Mid-Flood	B	10.9	15:00	7.94	8.5	31.99	30.18	2.79	2	83	0.162	W
C2A	20200619	Sunny	Moderate	Mid-Flood	M	5.95	15:01	8.09	8.56	31.95	30.27	2.62	3	83	0.168	NW
C2A	20200619	Sunny	Moderate	Mid-Flood	M	5.95	15:01	6.99	8.28	31.87	30.34	2.46	3	83	0.16	NW
C2A	20200619	Sunny	Moderate	Mid-Flood	S	1	15:02	7.74	8.53	31.94	30.28	2.48	4	83	0.192	W
C2A	20200619	Sunny	Moderate	Mid-Flood	S	1	15:02	7.67	8.24	32.12	30.21	2.44	3	83	0.154	W
CR1	20200619	Sunny	Moderate	Mid-Flood	B	11.9	15:13	6.58	8.53	31.89	30.24	2.75	3	83	0.201	W
CR1	20200619	Sunny	Moderate	Mid-Flood	B	11.9	15:13	6.98	8.32	32.02	30.19	3.06	4	84	0.138	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20200619	Sunny	Moderate	Mid-Flood	M	6.45	15:14	7.53	8.34	31.89	30.28	2.6	3	83	0.188	NW
CR1	20200619	Sunny	Moderate	Mid-Flood	M	6.45	15:14	7.36	8.44	32.1	30.23	2.73	3	83	0.139	W
CR1	20200619	Sunny	Moderate	Mid-Flood	S	1	15:15	7.87	8.44	31.99	30.24	2.34	2	83	0.156	W
CR1	20200619	Sunny	Moderate	Mid-Flood	S	1	15:15	7.52	8.35	31.98	30.24	2.3	2	83	0.183	W
CR2	20200619	Sunny	Moderate	Mid-Flood	B	10	17:28	7.26	8.33	31.87	30.07	2.81	3	83	0.187	W
CR2	20200619	Sunny	Moderate	Mid-Flood	B	10	17:28	7.85	8.34	32.06	30.06	2.93	4	83	0.156	W
CR2	20200619	Sunny	Moderate	Mid-Flood	M	5.5	17:29	6.76	8.31	32.02	30.06	2.71	4	83	0.138	W
CR2	20200619	Sunny	Moderate	Mid-Flood	M	5.5	17:29	7.03	8.36	32.03	29.97	2.64	3	83	0.155	W
CR2	20200619	Sunny	Moderate	Mid-Flood	S	1	17:30	7.41	8.45	31.87	30.16	2.06	3	83	0.163	W
CR2	20200619	Sunny	Moderate	Mid-Flood	S	1	17:30	6.57	8.31	32	30.16	2.06	3	83	0.139	W
F1A	20200619	Sunny	Moderate	Mid-Flood	B	7.3	16:19	6.9	8.22	32.02	30.04	3.1	4	82	0.161	NW
F1A	20200619	Sunny	Moderate	Mid-Flood	B	7.3	16:19	7.92	8.25	31.9	30.01	2.89	3	83	0.169	NW
F1A	20200619	Sunny	Moderate	Mid-Flood	M	4.15	16:20	7.25	8.39	31.91	30.12	2.49	3	83	0.191	NW
F1A	20200619	Sunny	Moderate	Mid-Flood	M	4.15	16:20	6.73	8.54	32.14	30.27	2.37	3	83	0.166	NW
F1A	20200619	Sunny	Moderate	Mid-Flood	S	1	16:21	7.5	8.52	31.91	30.15	2.34	3	83	0.151	W
F1A	20200619	Sunny	Moderate	Mid-Flood	S	1	16:21	6.9	8.55	32	30.15	2.31	2	83	0.167	W
H1	20200619	Sunny	Moderate	Mid-Flood	B	7.1	15:23	7.26	8.34	32.04	30.24	2.6	4	83	0.139	W
H1	20200619	Sunny	Moderate	Mid-Flood	B	7.1	15:23	7.27	8.2	32.25	30.39	2.57	3	83	0.153	W
H1	20200619	Sunny	Moderate	Mid-Flood	M	4.05	15:24	6.76	8.5	32.2	30.21	2.21	3	83	0.179	W
H1	20200619	Sunny	Moderate	Mid-Flood	M	4.05	15:24	7.39	8.31	31.87	30.24	2.39	3	83	0.162	NW
H1	20200619	Sunny	Moderate	Mid-Flood	S	1	15:25	7.92	8.57	31.95	30.29	2.5	3	83	0.172	W
H1	20200619	Sunny	Moderate	Mid-Flood	S	1	15:25	8.01	8.44	32.23	30.2	2.35	3	83	0.158	W
M1	20200619	Sunny	Moderate	Mid-Flood	B	7.6	16:40	6.6	8.39	32.06	30.17	2.74	4	83	0.163	W
M1	20200619	Sunny	Moderate	Mid-Flood	B	7.6	16:40	7.45	8.58	32.25	30.04	3.01	3	83	0.199	NW
M1	20200619	Sunny	Moderate	Mid-Flood	M	4.3	16:41	7.77	8.23	32.25	29.99	2.5	2	83	0.16	W
M1	20200619	Sunny	Moderate	Mid-Flood	M	4.3	16:41	7.77	8.4	31.95	30.21	2.48	3	83	0.143	W
M1	20200619	Sunny	Moderate	Mid-Flood	S	1	16:42	6.57	8.21	31.99	30.13	2.12	3	83	0.154	W
M1	20200619	Sunny	Moderate	Mid-Flood	S	1	16:42	7.11	8.51	31.95	30.16	2.53	3	83	0.189	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S1	20200619	Sunny	Moderate	Mid-Flood	B	4	16:11	7.19	8.56	32.14	30.07	2.83	3	83	0.185	W
S1	20200619	Sunny	Moderate	Mid-Flood	B	4	16:11	6.69	8.28	32.13	30.15	3.1	2	83	0.181	W
S1	20200619	Sunny	Moderate	Mid-Flood	S	1	16:12	7.01	8.28	31.89	30.2	2.07	3	83	0.202	W
S1	20200619	Sunny	Moderate	Mid-Flood	S	1	16:12	7.92	8.44	32.12	30.03	2.05	3	83	0.153	W
S2A	20200619	Sunny	Moderate	Mid-Flood	B	8.5	15:36	6.73	8.31	32	30.17	2.95	3	83	0.186	W
S2A	20200619	Sunny	Moderate	Mid-Flood	B	8.5	15:36	7.01	8.27	32.04	30.17	3.04	3	83	0.192	W
S2A	20200619	Sunny	Moderate	Mid-Flood	M	4.75	15:37	7.53	8.31	32.1	30.07	2.55	3	83	0.18	W
S2A	20200619	Sunny	Moderate	Mid-Flood	M	4.75	15:37	7.07	8.25	32.1	30.2	2.45	3	83	0.188	NW
S2A	20200619	Sunny	Moderate	Mid-Flood	S	1	15:38	7.24	8.27	31.95	30.09	2.39	2	83	0.178	NW
S2A	20200619	Sunny	Moderate	Mid-Flood	S	1	15:38	8.05	8.57	32.03	30.13	2.49	3	83	0.201	W
S3	20200619	Sunny	Moderate	Mid-Flood	B	8.5	17:36	7.1	8.51	32.24	30.17	2.84	3	83	0.186	W
S3	20200619	Sunny	Moderate	Mid-Flood	B	8.5	17:36	7.62	8.27	32.07	30.03	2.92	3	83	0.2	W
S3	20200619	Sunny	Moderate	Mid-Flood	M	4.75	17:37	7.58	8.24	31.91	30.21	2.17	3	83	0.201	NW
S3	20200619	Sunny	Moderate	Mid-Flood	M	4.75	17:37	7.25	8.45	32.12	30.07	2.45	3	83	0.142	W
S3	20200619	Sunny	Moderate	Mid-Flood	S	1	17:38	6.63	8.3	32.12	30.16	2.21	3	83	0.189	W
S3	20200619	Sunny	Moderate	Mid-Flood	S	1	17:38	6.83	8.46	31.97	30.06	2.11	3	83	0.198	W
B1	20200622	Sunny	Moderate	Mid-Ebb	B	3.5	12:19	7.73	8.21	31.5	30.78	3.08	9	98	0.194	E
B1	20200622	Sunny	Moderate	Mid-Ebb	B	3.5	12:19	7.52	8.33	31.67	30.93	3.27	8	98	0.251	SE
B1	20200622	Sunny	Moderate	Mid-Ebb	S	1	12:20	7.76	8.32	32.01	30.85	2.4	7	98	0.193	SE
B1	20200622	Sunny	Moderate	Mid-Ebb	S	1	12:20	7.35	8.43	31.75	30.95	2.52	6	98	0.188	SE
B2	20200622	Sunny	Moderate	Mid-Ebb	B	4.3	12:33	7.79	8.36	32.08	30.91	3.42	6	98	0.223	SE
B2	20200622	Sunny	Moderate	Mid-Ebb	B	4.3	12:33	7.62	8.29	31.69	30.77	3.05	5	98	0.247	E
B2	20200622	Sunny	Moderate	Mid-Ebb	S	1	12:34	7.62	8.61	32.07	30.84	2.47	7	98	0.15	SE
B2	20200622	Sunny	Moderate	Mid-Ebb	S	1	12:34	7.88	8.37	31.93	30.98	2.68	6	98	0.212	SE
B3	20200622	Sunny	Moderate	Mid-Ebb	B	4.1	11:54	7.61	8.43	31.96	30.71	3.27	6	98	0.156	SE
B3	20200622	Sunny	Moderate	Mid-Ebb	B	4.1	11:54	7.96	8.62	31.84	30.67	3.42	5	98	0.176	E
B3	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:55	7.35	8.37	31.7	30.76	2.38	7	99	0.157	E
B3	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:55	7.4	8.24	31.92	30.88	2.55	6	98	0.172	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
B4	20200622	Sunny	Moderate	Mid-Ebb	B	3.5	11:46	8.08	8.29	31.57	30.71	3.13	7	98	0.25	E
B4	20200622	Sunny	Moderate	Mid-Ebb	B	3.5	11:46	7.46	8.21	31.87	30.82	3.47	8	98	0.199	SE
B4	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:47	7.72	8.58	32.06	30.86	2.76	6	98	0.159	E
B4	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:47	7.99	8.29	32.07	30.86	2.54	6	98	0.217	E
C1A	20200622	Sunny	Moderate	Mid-Ebb	B	8.3	10:51	8.07	8.55	31.7	30.61	2.94	6	98	0.166	SE
C1A	20200622	Sunny	Moderate	Mid-Ebb	B	8.3	10:51	8.02	8.17	31.92	30.65	3	4	99	0.192	SE
C1A	20200622	Sunny	Moderate	Mid-Ebb	M	4.65	10:52	7.54	8.61	32.06	30.63	2.81	6	98	0.168	SE
C1A	20200622	Sunny	Moderate	Mid-Ebb	M	4.65	10:52	7.88	8.52	31.71	30.7	2.7	6	99	0.251	SE
C1A	20200622	Sunny	Moderate	Mid-Ebb	S	1	10:53	8	8.49	32.03	30.74	2.4	8	98	0.153	SE
C1A	20200622	Sunny	Moderate	Mid-Ebb	S	1	10:53	7.68	8.49	31.57	30.59	2.83	6	98	0.192	SE
C2A	20200622	Sunny	Moderate	Mid-Ebb	B	11.4	12:16	7.83	8.17	31.72	30.97	3.12	6	98	0.162	SE
C2A	20200622	Sunny	Moderate	Mid-Ebb	B	11.4	12:16	7.82	8.61	31.57	30.84	3.35	7	98	0.159	E
C2A	20200622	Sunny	Moderate	Mid-Ebb	M	6.2	12:17	7.35	8.4	31.89	30.9	2.72	6	98	0.228	SE
C2A	20200622	Sunny	Moderate	Mid-Ebb	M	6.2	12:17	7.25	8.33	31.86	31.02	2.9	6	98	0.175	E
C2A	20200622	Sunny	Moderate	Mid-Ebb	S	1	12:18	7.84	8.24	31.67	31.04	2.67	6	98	0.248	E
C2A	20200622	Sunny	Moderate	Mid-Ebb	S	1	12:18	7.26	8.31	32.06	30.86	2.35	5	98	0.168	SE
CR1	20200622	Sunny	Moderate	Mid-Ebb	B	12	11:52	7.56	8.55	31.74	30.85	3.06	5	99	0.149	SE
CR1	20200622	Sunny	Moderate	Mid-Ebb	B	12	11:52	7.62	8.64	31.77	30.73	3.44	4	98	0.205	SE
CR1	20200622	Sunny	Moderate	Mid-Ebb	M	6.5	11:53	7.98	8.47	31.54	30.83	2.69	5	98	0.213	E
CR1	20200622	Sunny	Moderate	Mid-Ebb	M	6.5	11:53	7.68	8.38	31.99	30.8	2.77	4	98	0.222	E
CR1	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:54	8.01	8.32	32.05	30.72	2.51	4	98	0.186	SE
CR1	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:54	7.6	8.18	31.59	30.7	2.4	5	98	0.201	SE
CR2	20200622	Sunny	Moderate	Mid-Ebb	B	10.2	11:32	7.81	8.44	32.1	30.84	3.07	4	98	0.2	E
CR2	20200622	Sunny	Moderate	Mid-Ebb	B	10.2	11:32	7.38	8.52	31.65	30.84	3	5	98	0.182	SE
CR2	20200622	Sunny	Moderate	Mid-Ebb	M	5.6	11:33	7.75	8.48	31.5	30.8	2.83	6	98	0.224	SE
CR2	20200622	Sunny	Moderate	Mid-Ebb	M	5.6	11:33	7.75	8.46	31.77	30.66	2.58	5	98	0.189	SE
CR2	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:34	7.68	8.27	31.89	30.87	2.8	6	99	0.194	E
CR2	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:34	7.92	8.63	31.62	30.73	2.41	5	98	0.223	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	20200622	Sunny	Moderate	Mid-Ebb	B	7.9	11:23	7.91	8.31	31.94	30.67	3.36	7	99	0.147	SE
F1A	20200622	Sunny	Moderate	Mid-Ebb	B	7.9	11:23	7.56	8.25	31.64	30.57	3.14	8	98	0.186	SE
F1A	20200622	Sunny	Moderate	Mid-Ebb	M	4.45	11:24	7.5	8.4	31.61	30.61	2.88	6	99	0.228	E
F1A	20200622	Sunny	Moderate	Mid-Ebb	M	4.45	11:24	7.52	8.38	31.75	30.59	2.46	6	99	0.175	E
F1A	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:25	7.81	8.56	31.68	30.64	2.41	5	99	0.146	SE
F1A	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:25	7.48	8.26	31.97	30.75	2.31	6	98	0.232	E
H1	20200622	Sunny	Moderate	Mid-Ebb	B	7	11:13	7.54	8.56	31.68	30.57	3.09	6	99	0.157	SE
H1	20200622	Sunny	Moderate	Mid-Ebb	B	7	11:13	7.9	8.53	31.67	30.63	3.05	6	98	0.158	SE
H1	20200622	Sunny	Moderate	Mid-Ebb	M	4	11:14	7.6	8.58	31.88	30.72	2.91	7	98	0.223	SE
H1	20200622	Sunny	Moderate	Mid-Ebb	M	4	11:14	7.75	8.16	31.64	30.69	2.39	6	98	0.246	SE
H1	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:15	8	8.2	31.97	30.63	2.77	6	98	0.175	E
H1	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:15	7.29	8.56	31.67	30.52	2.56	6	98	0.215	SE
M1	20200622	Sunny	Moderate	Mid-Ebb	B	8.7	11:00	7.32	8.37	31.58	30.58	3.35	7	98	0.158	SE
M1	20200622	Sunny	Moderate	Mid-Ebb	B	8.7	11:00	7.78	8.32	31.53	30.58	3.03	6	98	0.246	SE
M1	20200622	Sunny	Moderate	Mid-Ebb	M	4.85	11:01	7.79	8.28	32.01	30.58	2.79	5	98	0.235	SE
M1	20200622	Sunny	Moderate	Mid-Ebb	M	4.85	11:01	7.81	8.5	31.71	30.6	2.54	6	99	0.2	E
M1	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:02	7.48	8.21	31.78	30.52	2.33	5	98	0.21	E
M1	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:02	7.86	8.45	32.08	30.69	2.66	5	98	0.233	SE
S1	20200622	Sunny	Moderate	Mid-Ebb	B	3.8	12:26	7.33	8.24	31.85	31.01	3.35	9	99	0.176	SE
S1	20200622	Sunny	Moderate	Mid-Ebb	B	3.8	12:26	7.68	8.6	31.79	31	3.06	9	99	0.19	SE
S1	20200622	Sunny	Moderate	Mid-Ebb	S	1	12:27	8.09	8.42	31.9	30.96	2.46	9	98	0.198	SE
S1	20200622	Sunny	Moderate	Mid-Ebb	S	1	12:27	7.28	8.42	32.02	31.03	2.43	8	98	0.191	E
S2A	20200622	Sunny	Moderate	Mid-Ebb	B	8	12:08	7.89	8.34	31.86	30.91	2.88	6	98	0.178	SE
S2A	20200622	Sunny	Moderate	Mid-Ebb	B	8	12:08	8.01	8.18	31.75	30.9	3.32	7	98	0.23	SE
S2A	20200622	Sunny	Moderate	Mid-Ebb	M	4.5	12:09	7.65	8.23	31.61	30.84	2.41	7	98	0.189	E
S2A	20200622	Sunny	Moderate	Mid-Ebb	M	4.5	12:09	7.88	8.16	31.86	31.02	2.65	8	98	0.194	SE
S2A	20200622	Sunny	Moderate	Mid-Ebb	S	1	12:10	7.47	8.39	31.62	30.96	2.36	8	98	0.241	E
S2A	20200622	Sunny	Moderate	Mid-Ebb	S	1	12:10	7.66	8.49	31.57	30.79	2.84	9	98	0.166	SE

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20200622	Sunny	Moderate	Mid-Ebb	B	8.9	11:41	7.41	8.56	31.96	30.82	3.13	5	98	0.153	SE
S3	20200622	Sunny	Moderate	Mid-Ebb	B	8.9	11:41	7.43	8.51	31.6	30.79	3.05	4	98	0.175	E
S3	20200622	Sunny	Moderate	Mid-Ebb	M	4.95	11:42	7.67	8.53	31.84	30.83	2.92	5	98	0.225	E
S3	20200622	Sunny	Moderate	Mid-Ebb	M	4.95	11:42	7.55	8.29	32.03	30.91	2.52	6	98	0.167	E
S3	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:43	7.83	8.33	31.61	30.88	2.5	7	98	0.235	SE
S3	20200622	Sunny	Moderate	Mid-Ebb	S	1	11:43	7.39	8.37	31.99	30.94	2.76	6	99	0.217	E
B1	20200622	Sunny	Moderate	Mid-Flood	B	4.3	16:44	7.9	8.53	32.13	30.57	3.3	6	94	0.115	NW
B1	20200622	Sunny	Moderate	Mid-Flood	B	4.3	16:44	7.66	8.4	31.56	30.68	3.41	5	94	0.184	W
B1	20200622	Sunny	Moderate	Mid-Flood	S	1	16:45	7.54	8.64	32.11	30.5	2.64	4	93	0.179	W
B1	20200622	Sunny	Moderate	Mid-Flood	S	1	16:45	7.5	8.45	31.75	30.63	2.43	5	94	0.193	W
B2	20200622	Sunny	Moderate	Mid-Flood	B	3.8	17:08	7.85	8.67	31.66	30.57	3.06	7	93	0.185	W
B2	20200622	Sunny	Moderate	Mid-Flood	B	3.8	17:08	7.35	8.38	31.58	30.72	3.16	7	94	0.182	W
B2	20200622	Sunny	Moderate	Mid-Flood	S	1	17:09	7.54	8.65	31.95	30.6	2.63	5	94	0.188	W
B2	20200622	Sunny	Moderate	Mid-Flood	S	1	17:09	7.89	8.55	32.12	30.48	2.61	5	93	0.199	W
B3	20200622	Sunny	Moderate	Mid-Flood	B	4	16:23	7.62	8.68	31.77	30.63	3.04	7	93	0.16	W
B3	20200622	Sunny	Moderate	Mid-Flood	B	4	16:23	7.54	8.31	31.64	30.5	3.58	6	90	0.201	W
B3	20200622	Sunny	Moderate	Mid-Flood	S	1	16:24	7.58	8.31	31.79	30.65	2.84	6	93	0.24	W
B3	20200622	Sunny	Moderate	Mid-Flood	S	1	16:24	8.01	8.65	32.07	30.51	2.93	5	94	0.168	NW
B4	20200622	Sunny	Moderate	Mid-Flood	B	3.9	16:31	7.41	8.6	31.58	30.55	3.42	4	92	0.231	NW
B4	20200622	Sunny	Moderate	Mid-Flood	B	3.9	16:31	7.48	8.46	31.65	30.75	3.09	5	92	0.199	W
B4	20200622	Sunny	Moderate	Mid-Flood	S	1	16:32	7.48	8.68	31.66	30.78	2.82	6	93	0.238	W
B4	20200622	Sunny	Moderate	Mid-Flood	S	1	16:32	7.7	8.31	31.97	30.5	3.01	6	93	0.201	W
C1A	20200622	Sunny	Moderate	Mid-Flood	B	9.4	16:12	7.39	8.53	31.98	30.64	3.08	7	93	0.182	W
C1A	20200622	Sunny	Moderate	Mid-Flood	B	9.4	16:12	7.95	8.42	32.09	30.63	3.38	8	93	0.209	W
C1A	20200622	Sunny	Moderate	Mid-Flood	M	5.2	16:13	7.57	8.31	32.14	30.8	3.01	6	93	0.237	W
C1A	20200622	Sunny	Moderate	Mid-Flood	M	5.2	16:13	7.59	8.31	31.8	30.76	2.75	7	92	0.202	W
C1A	20200622	Sunny	Moderate	Mid-Flood	S	1	16:14	8.01	8.27	31.99	30.59	2.37	6	93	0.16	NW
C1A	20200622	Sunny	Moderate	Mid-Flood	S	1	16:14	7.49	8.31	31.54	30.89	2.54	6	93	0.221	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	20200622	Sunny	Moderate	Mid-Flood	B	10.5	16:00	7.47	8.19	32.02	30.54	3.17	5	93	0.167	W
C2A	20200622	Sunny	Moderate	Mid-Flood	B	10.5	16:00	7.72	8.36	31.8	30.74	3.43	6	93	0.229	W
C2A	20200622	Sunny	Moderate	Mid-Flood	M	5.75	16:01	7.49	8.67	32.02	30.88	3.02	6	93	0.163	NW
C2A	20200622	Sunny	Moderate	Mid-Flood	M	5.75	16:01	8.03	8.65	31.86	30.58	3.1	5	93	0.162	NW
C2A	20200622	Sunny	Moderate	Mid-Flood	S	1	16:02	7.9	8.59	31.76	30.54	2.81	6	93	0.223	NW
C2A	20200622	Sunny	Moderate	Mid-Flood	S	1	16:02	7.62	8.48	32.11	30.62	2.55	7	93	0.16	W
CR1	20200622	Sunny	Moderate	Mid-Flood	B	11.8	18:16	7.92	8.66	31.6	30.42	2.88	6	93	0.168	W
CR1	20200622	Sunny	Moderate	Mid-Flood	B	11.8	18:16	7.49	8.33	31.69	30.18	3.42	7	93	0.165	W
CR1	20200622	Sunny	Moderate	Mid-Flood	M	6.4	18:17	7.82	8.44	31.69	30.52	3.04	6	93	0.229	NW
CR1	20200622	Sunny	Moderate	Mid-Flood	M	6.4	18:17	7.52	8.35	31.53	30.23	2.57	7	93	0.211	W
CR1	20200622	Sunny	Moderate	Mid-Flood	S	1	18:18	7.63	8.6	31.51	30.49	2.8	7	93	0.183	W
CR1	20200622	Sunny	Moderate	Mid-Flood	S	1	18:18	8.07	8.25	31.55	30.21	2.41	6	93	0.202	NW
CR2	20200622	Sunny	Moderate	Mid-Flood	B	10.3	17:55	8.07	8.35	31.76	30.41	3.46	6	93	0.178	W
CR2	20200622	Sunny	Moderate	Mid-Flood	B	10.3	17:55	8.02	8.38	32.03	30.48	3.1	8	94	0.215	W
CR2	20200622	Sunny	Moderate	Mid-Flood	M	5.65	17:56	7.45	8.34	31.51	30.37	3.08	8	93	0.194	W
CR2	20200622	Sunny	Moderate	Mid-Flood	M	5.65	17:56	8.06	8.63	32.07	30.38	2.89	7	93	0.222	W
CR2	20200622	Sunny	Moderate	Mid-Flood	S	1	17:57	7.42	8.64	31.74	30.45	2.81	7	93	0.228	W
CR2	20200622	Sunny	Moderate	Mid-Flood	S	1	17:57	7.45	8.25	31.8	30.35	2.9	6	93	0.234	W
F1A	20200622	Sunny	Moderate	Mid-Flood	B	7.5	16:52	7.65	8.63	31.95	30.54	3.16	9	93	0.226	W
F1A	20200622	Sunny	Moderate	Mid-Flood	B	7.5	16:52	7.59	8.65	32.03	30.64	3.05	8	93	0.174	W
F1A	20200622	Sunny	Moderate	Mid-Flood	M	4.25	16:53	7.8	8.36	31.97	30.8	2.93	8	93	0.222	W
F1A	20200622	Sunny	Moderate	Mid-Flood	M	4.25	16:53	7.53	8.45	31.86	30.68	2.75	7	93	0.221	NW
F1A	20200622	Sunny	Moderate	Mid-Flood	S	1	16:54	7.43	8.33	31.61	30.7	2.45	6	93	0.195	W
F1A	20200622	Sunny	Moderate	Mid-Flood	S	1	16:54	7.67	8.26	32	30.77	2.58	7	93	0.196	W
H1	20200622	Sunny	Moderate	Mid-Flood	B	7.2	16:15	7.74	8.53	31.73	30.72	3.3	5	92	0.183	NW
H1	20200622	Sunny	Moderate	Mid-Flood	B	7.2	16:15	7.99	8.27	31.91	30.81	3.11	5	93	0.173	W
H1	20200622	Sunny	Moderate	Mid-Flood	M	4.1	16:16	8.11	8.58	31.55	30.56	2.61	5	93	0.18	W
H1	20200622	Sunny	Moderate	Mid-Flood	M	4.1	16:16	7.95	8.41	31.54	30.78	3.03	5	93	0.213	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200622	Sunny	Moderate	Mid-Flood	S	1	16:17	8.09	8.66	32.01	30.86	2.35	6	93	0.206	W
H1	20200622	Sunny	Moderate	Mid-Flood	S	1	16:17	7.84	8.67	31.65	30.81	2.94	5	93	0.185	W
M1	20200622	Sunny	Moderate	Mid-Flood	B	7.7	17:12	8.02	8.27	31.82	30.53	3.31	7	93	0.204	W
M1	20200622	Sunny	Moderate	Mid-Flood	B	7.7	17:12	8.08	8.56	31.76	30.72	3.41	8	93	0.228	W
M1	20200622	Sunny	Moderate	Mid-Flood	M	4.35	17:13	7.66	8.29	31.74	30.46	2.86	6	93	0.184	W
M1	20200622	Sunny	Moderate	Mid-Flood	M	4.35	17:13	7.99	8.36	32.03	30.59	2.95	7	93	0.239	W
M1	20200622	Sunny	Moderate	Mid-Flood	S	1	17:14	7.46	8.49	31.73	30.52	2.77	6	93	0.182	W
M1	20200622	Sunny	Moderate	Mid-Flood	S	1	17:14	7.91	8.65	32.15	30.44	2.51	7	93	0.167	NW
S1	20200622	Sunny	Moderate	Mid-Flood	B	4.7	17:00	7.64	8.53	32.11	30.54	2.9	8	93	0.182	NW
S1	20200622	Sunny	Moderate	Mid-Flood	B	4.7	17:00	7.88	8.48	31.64	30.49	3.28	8	93	0.17	NW
S1	20200622	Sunny	Moderate	Mid-Flood	S	1	17:01	7.89	8.46	31.91	30.67	2.58	8	93	0.197	W
S1	20200622	Sunny	Moderate	Mid-Flood	S	1	17:01	7.51	8.38	32.03	30.46	2.64	7	93	0.227	W
S2A	20200622	Sunny	Moderate	Mid-Flood	B	8.8	17:29	7.49	8.4	32.1	30.49	3.15	6	93	0.191	W
S2A	20200622	Sunny	Moderate	Mid-Flood	B	8.8	17:29	7.75	8.35	32.04	30.57	2.95	6	93	0.172	W
S2A	20200622	Sunny	Moderate	Mid-Flood	M	4.9	17:30	7.95	8.49	31.84	30.54	2.56	6	93	0.19	W
S2A	20200622	Sunny	Moderate	Mid-Flood	M	4.9	17:30	7.57	8.67	32.04	30.59	3.06	7	93	0.203	W
S2A	20200622	Sunny	Moderate	Mid-Flood	S	1	17:31	7.65	8.39	32.11	30.59	2.71	6	93	0.174	W
S2A	20200622	Sunny	Moderate	Mid-Flood	S	1	17:31	7.36	8.45	31.71	30.76	2.84	6	93	0.212	W
S3	20200622	Sunny	Moderate	Mid-Flood	B	9.7	18:04	7.61	8.59	31.81	30.33	3.25	7	93	0.181	NW
S3	20200622	Sunny	Moderate	Mid-Flood	B	9.7	18:04	7.87	8.42	32	30.39	3.2	6	92	0.219	NW
S3	20200622	Sunny	Moderate	Mid-Flood	M	5.35	18:05	7.99	8.32	31.92	30.28	2.69	7	93	0.239	NW
S3	20200622	Sunny	Moderate	Mid-Flood	M	5.35	18:05	7.46	8.57	31.69	30.45	2.78	6	93	0.163	W
S3	20200622	Sunny	Moderate	Mid-Flood	S	1	18:06	7.76	8.58	31.8	30.41	2.75	6	93	0.24	NW
S3	20200622	Sunny	Moderate	Mid-Flood	S	1	18:06	7.57	8.4	31.52	30.48	2.66	6	93	0.184	W
B1	20200624	Cloudy	Moderate	Mid-Flood	B	4	10:08	8.48	8.4	32.08	29.28	3.24	5	100	0.148	NW
B1	20200624	Cloudy	Moderate	Mid-Flood	B	4	10:08	8.9	8.37	31.82	29.37	3.05	4	100	0.13	W
B1	20200624	Cloudy	Moderate	Mid-Flood	S	1	10:09	7.94	8.48	31.59	29.32	2.63	3	100	0.158	W
B1	20200624	Cloudy	Moderate	Mid-Flood	S	1	10:09	7.63	8.41	31.81	29.53	2.22	4	101	0.169	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	20200624	Cloudy	Moderate	Mid-Flood	B	3.6	10:24	7.5	8.48	31.61	29.46	2.73	6	100	0.116	W
B2	20200624	Cloudy	Moderate	Mid-Flood	B	3.6	10:24	8.21	8.39	31.95	29.54	3.28	6	101	0.116	W
B2	20200624	Cloudy	Moderate	Mid-Flood	S	1	10:25	8.5	8.3	31.82	29.35	2.25	4	101	0.14	W
B2	20200624	Cloudy	Moderate	Mid-Flood	S	1	10:25	7.39	8.47	31.61	29.41	2.41	5	100	0.117	NW
B3	20200624	Cloudy	Moderate	Mid-Flood	B	3.4	9:41	8.76	8.51	31.74	29.4	3.29	4	100	0.148	NW
B3	20200624	Cloudy	Moderate	Mid-Flood	B	3.4	9:41	7.33	8.18	31.81	29.2	3.36	4	100	0.176	W
B3	20200624	Cloudy	Moderate	Mid-Flood	S	1	9:42	7.25	8.19	31.68	29.29	2.61	5	100	0.136	W
B3	20200624	Cloudy	Moderate	Mid-Flood	S	1	9:42	8.58	8.23	31.73	29.51	2.83	6	101	0.16	W
B4	20200624	Cloudy	Moderate	Mid-Flood	B	3.6	9:33	7.81	8.29	31.7	29.24	3.58	4	100	0.117	W
B4	20200624	Cloudy	Moderate	Mid-Flood	B	3.6	9:33	8.49	8.38	32.06	29.45	3.53	5	100	0.16	W
B4	20200624	Cloudy	Moderate	Mid-Flood	S	1	9:34	7.51	8.49	31.82	29.52	3.14	5	100	0.146	NW
B4	20200624	Cloudy	Moderate	Mid-Flood	S	1	9:34	8.04	8.51	32.11	29.23	3.07	4	100	0.122	W
C1A	20200624	Cloudy	Moderate	Mid-Flood	B	10.1	9:04	8.71	8.26	32.12	29.14	3.29	6	100	0.123	W
C1A	20200624	Cloudy	Moderate	Mid-Flood	B	10.1	9:04	8.21	8.46	32.03	29.34	3.05	4	100	0.156	W
C1A	20200624	Cloudy	Moderate	Mid-Flood	M	5.55	9:05	8.21	8.53	31.93	29.23	2.9	5	100	0.124	W
C1A	20200624	Cloudy	Moderate	Mid-Flood	M	5.55	9:05	8.16	8.36	32.06	29.25	2.89	6	100	0.152	NW
C1A	20200624	Cloudy	Moderate	Mid-Flood	S	1	9:06	7.86	8.41	32.06	29.31	2.24	3	100	0.158	W
C1A	20200624	Cloudy	Moderate	Mid-Flood	S	1	9:06	8.77	8.19	31.88	29.14	2.74	4	100	0.155	W
C2A	20200624	Cloudy	Moderate	Mid-Flood	B	11	8:00	7.4	8.21	31.87	29.08	2.89	8	100	0.203	W
C2A	20200624	Cloudy	Moderate	Mid-Flood	B	11	8:00	7.15	8.5	31.51	29.09	3.14	7	100	0.16	NW
C2A	20200624	Cloudy	Moderate	Mid-Flood	M	6	8:01	7.6	8.35	31.59	29.16	2.67	7	100	0.124	W
C2A	20200624	Cloudy	Moderate	Mid-Flood	M	6	8:01	8.41	8.28	32.1	29.21	2.73	8	100	0.211	W
C2A	20200624	Cloudy	Moderate	Mid-Flood	S	1	8:02	7.36	8.55	32.01	29.23	2.67	6	100	0.144	W
C2A	20200624	Cloudy	Moderate	Mid-Flood	S	1	8:02	8.61	8.51	32	29.26	2.28	7	100	0.124	W
CR1	20200624	Cloudy	Moderate	Mid-Flood	B	11.2	8:22	7.98	8.28	31.55	29.21	2.72	4	101	0.207	W
CR1	20200624	Cloudy	Moderate	Mid-Flood	B	11.2	8:22	7.26	8.38	31.72	29.09	3.19	3	100	0.166	W
CR1	20200624	Cloudy	Moderate	Mid-Flood	M	6.1	8:23	8.45	8.5	31.98	29.05	2.82	5	100	0.134	NW
CR1	20200624	Cloudy	Moderate	Mid-Flood	M	6.1	8:23	8.48	8.35	31.68	29.12	2.88	4	101	0.153	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
CR1	20200624	Cloudy	Moderate	Mid-Flood	S	1	8:24	8.29	8.19	31.96	29.05	2.54	4	100	0.161	W
CR1	20200624	Cloudy	Moderate	Mid-Flood	S	1	8:24	7.95	8.46	31.63	29.2	2.62	4	101	0.135	W
CR2	20200624	Cloudy	Moderate	Mid-Flood	B	9.8	8:35	8.05	8.42	31.58	29.3	3.25	5	100	0.173	NW
CR2	20200624	Cloudy	Moderate	Mid-Flood	B	9.8	8:35	8.72	8.41	31.68	29.35	3.05	6	100	0.123	W
CR2	20200624	Cloudy	Moderate	Mid-Flood	M	5.4	8:36	8.46	8.39	31.78	29	2.95	4	100	0.174	W
CR2	20200624	Cloudy	Moderate	Mid-Flood	M	5.4	8:36	8.46	8.29	31.76	29.23	2.85	3	100	0.216	W
CR2	20200624	Cloudy	Moderate	Mid-Flood	S	1	8:37	7.81	8.46	31.81	29.24	2.58	4	100	0.206	W
CR2	20200624	Cloudy	Moderate	Mid-Flood	S	1	8:37	7.74	8.3	31.82	29.36	2.7	3	100	0.159	NW
F1A	20200624	Cloudy	Moderate	Mid-Flood	B	7.7	9:09	8.07	8.45	31.79	29.33	2.9	4	100	0.15	W
F1A	20200624	Cloudy	Moderate	Mid-Flood	B	7.7	9:09	7.99	8.47	31.53	29.44	3.03	4	100	0.12	NW
F1A	20200624	Cloudy	Moderate	Mid-Flood	M	4.35	9:10	8.86	8.46	32.12	29.33	2.89	6	100	0.181	W
F1A	20200624	Cloudy	Moderate	Mid-Flood	M	4.35	9:10	8.51	8.19	31.78	29.39	2.68	5	101	0.125	W
F1A	20200624	Cloudy	Moderate	Mid-Flood	S	1	9:11	8.17	8.32	31.9	29.37	2.76	6	100	0.138	NW
F1A	20200624	Cloudy	Moderate	Mid-Flood	S	1	9:11	8.63	8.31	31.82	29.38	2.57	6	101	0.147	NW
H1	20200624	Cloudy	Moderate	Mid-Flood	B	7.1	9:29	8.85	8.32	32.1	29.25	2.9	5	100	0.187	W
H1	20200624	Cloudy	Moderate	Mid-Flood	B	7.1	9:29	7.42	8.31	32.05	29.16	3.28	6	99	0.196	W
H1	20200624	Cloudy	Moderate	Mid-Flood	M	4.05	9:30	8.8	8.36	32.04	29.23	2.85	5	100	0.178	W
H1	20200624	Cloudy	Moderate	Mid-Flood	M	4.05	9:30	7.38	8.34	31.85	29.23	2.6	4	100	0.157	W
H1	20200624	Cloudy	Moderate	Mid-Flood	S	1	9:31	7.73	8.29	31.5	29.34	2.55	5	100	0.205	W
H1	20200624	Cloudy	Moderate	Mid-Flood	S	1	9:31	8.75	8.54	31.69	29.43	2.55	4	100	0.157	W
M1	20200624	Cloudy	Moderate	Mid-Flood	B	7.3	8:47	8.48	8.34	31.88	29.07	2.79	4	101	0.193	W
M1	20200624	Cloudy	Moderate	Mid-Flood	B	7.3	8:47	7.19	8.55	31.96	29.35	3.11	4	100	0.154	W
M1	20200624	Cloudy	Moderate	Mid-Flood	M	4.15	8:48	7.15	8.21	31.87	29.21	2.78	5	100	0.188	W
M1	20200624	Cloudy	Moderate	Mid-Flood	M	4.15	8:48	8.61	8.24	31.69	29.14	2.57	4	101	0.127	W
M1	20200624	Cloudy	Moderate	Mid-Flood	S	1	8:49	8.25	8.57	31.77	29.35	2.25	5	100	0.154	W
M1	20200624	Cloudy	Moderate	Mid-Flood	S	1	8:49	7.59	8.29	31.92	29.31	2.18	4	101	0.191	W
S1	20200624	Cloudy	Moderate	Mid-Flood	B	4	10:16	8.61	8.46	31.77	29.54	2.94	3	100	0.136	W
S1	20200624	Cloudy	Moderate	Mid-Flood	B	4	10:16	7.07	8.4	32.15	29.56	3.12	4	100	0.167	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
S1	20200624	Cloudy	Moderate	Mid-Flood	S	1	10:17	7.32	8.46	31.51	29.47	2.66	4	100	0.134	NW
S1	20200624	Cloudy	Moderate	Mid-Flood	S	1	10:17	8.47	8.48	31.64	29.24	2.27	4	100	0.16	W
S2A	20200624	Cloudy	Moderate	Mid-Flood	B	8.9	9:55	7.38	8.34	31.62	29.46	2.78	6	100	0.174	W
S2A	20200624	Cloudy	Moderate	Mid-Flood	B	8.9	9:55	7.3	8.57	31.68	29.29	3.26	5	100	0.164	W
S2A	20200624	Cloudy	Moderate	Mid-Flood	M	4.95	9:56	8.64	8.19	31.63	29.33	2.59	7	100	0.183	W
S2A	20200624	Cloudy	Moderate	Mid-Flood	M	4.95	9:56	8.28	8.45	31.56	29.52	2.66	6	100	0.137	W
S2A	20200624	Cloudy	Moderate	Mid-Flood	S	1	9:57	8.65	8.46	32.11	29.18	2.5	7	100	0.153	NW
S2A	20200624	Cloudy	Moderate	Mid-Flood	S	1	9:57	8.54	8.57	31.79	29.26	2.74	7	100	0.205	NW
S3	20200624	Cloudy	Moderate	Mid-Flood	B	8.2	8:45	8.9	8.34	31.8	29.22	2.85	3	101	0.195	W
S3	20200624	Cloudy	Moderate	Mid-Flood	B	8.2	8:45	7.8	8.37	32.07	29.03	3.16	4	100	0.17	W
S3	20200624	Cloudy	Moderate	Mid-Flood	M	4.6	8:46	8.4	8.53	31.69	29.32	2.48	5	100	0.165	W
S3	20200624	Cloudy	Moderate	Mid-Flood	M	4.6	8:46	7.82	8.4	31.62	29.28	2.81	5	100	0.125	W
S3	20200624	Cloudy	Moderate	Mid-Flood	S	1	8:47	8.42	8.23	32.14	29.26	2.79	7	100	0.186	NW
S3	20200624	Cloudy	Moderate	Mid-Flood	S	1	8:47	7.31	8.46	32.07	29.27	2.6	6	100	0.166	NW
B1	20200624	Cloudy	Moderate	Mid-Ebb	B	4.2	12:59	7.38	8.27	31.98	30.17	3.16	5	97	0.162	SE
B1	20200624	Cloudy	Moderate	Mid-Ebb	B	4.2	12:59	7.12	8.35	31.75	30.12	2.86	6	97	0.182	SE
B1	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:00	7.48	8.6	32.07	30.02	2.79	4	98	0.167	E
B1	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:00	8.44	8.28	32.05	30.22	2.66	4	98	0.2	SE
B2	20200624	Cloudy	Moderate	Mid-Ebb	B	4.5	12:40	7.57	8.5	31.49	29.91	3.24	5	97	0.194	SE
B2	20200624	Cloudy	Moderate	Mid-Ebb	B	4.5	12:40	7.65	8.46	31.6	30.17	2.97	4	98	0.125	E
B2	20200624	Cloudy	Moderate	Mid-Ebb	S	1	12:41	7.95	8.59	31.52	30.14	2.35	5	97	0.2	SE
B2	20200624	Cloudy	Moderate	Mid-Ebb	S	1	12:41	7.37	8.6	31.55	29.83	2.41	4	97	0.151	SE
B3	20200624	Cloudy	Moderate	Mid-Ebb	B	4.1	13:24	7.14	8.21	31.52	30.25	3.55	4	98	0.141	SE
B3	20200624	Cloudy	Moderate	Mid-Ebb	B	4.1	13:24	7.47	8.24	31.89	30.08	3.72	5	97	0.133	E
B3	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:25	7.72	8.56	31.86	30.27	2.86	4	97	0.116	E
B3	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:25	8.14	8.19	31.73	30.28	2.64	4	98	0.169	SE
B4	20200624	Cloudy	Moderate	Mid-Ebb	B	3.2	13:32	7.52	8.34	31.97	30.25	3.28	6	97	0.142	SE
B4	20200624	Cloudy	Moderate	Mid-Ebb	B	3.2	13:32	8.64	8.3	31.46	30.13	3.5	6	97	0.136	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
B4	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:33	8.15	8.24	31.85	30.07	3.09	4	97	0.159	E
B4	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:33	8.38	8.43	31.68	30.33	2.81	4	97	0.166	SE
C1A	20200624	Cloudy	Moderate	Mid-Ebb	B	8.4	12:39	8.15	8.25	31.7	30	3.15	7	97	0.179	SE
C1A	20200624	Cloudy	Moderate	Mid-Ebb	B	8.4	12:39	8.31	8.19	31.85	29.9	3.26	6	97	0.115	SE
C1A	20200624	Cloudy	Moderate	Mid-Ebb	M	4.7	12:40	7.37	8.32	31.93	30.09	2.77	6	97	0.174	SE
C1A	20200624	Cloudy	Moderate	Mid-Ebb	M	4.7	12:40	8.45	8.29	31.68	30.01	2.71	7	97	0.163	SE
C1A	20200624	Cloudy	Moderate	Mid-Ebb	S	1	12:41	8.33	8.37	31.69	29.88	2.7	7	97	0.155	E
C1A	20200624	Cloudy	Moderate	Mid-Ebb	S	1	12:41	8.25	8.59	32.1	29.86	2.53	7	97	0.163	SE
C2A	20200624	Cloudy	Moderate	Mid-Ebb	B	10.6	14:04	8.73	8.22	31.63	30.38	2.98	5	97	0.145	E
C2A	20200624	Cloudy	Moderate	Mid-Ebb	B	10.6	14:04	7.95	8.49	31.78	30.32	3.03	6	97	0.147	SE
C2A	20200624	Cloudy	Moderate	Mid-Ebb	M	5.8	14:05	8.68	8.28	31.68	30.22	2.61	6	97	0.195	E
C2A	20200624	Cloudy	Moderate	Mid-Ebb	M	5.8	14:05	8.01	8.41	31.49	30.18	2.61	5	97	0.114	SE
C2A	20200624	Cloudy	Moderate	Mid-Ebb	S	1	14:06	8.52	8.22	31.52	30.25	2.46	6	97	0.168	SE
C2A	20200624	Cloudy	Moderate	Mid-Ebb	S	1	14:06	7.74	8.6	31.49	30.27	2.37	6	97	0.199	SE
CR1	20200624	Cloudy	Moderate	Mid-Ebb	B	12.1	13:40	7.65	8.29	32.15	30.13	3.19	5	97	0.182	E
CR1	20200624	Cloudy	Moderate	Mid-Ebb	B	12.1	13:40	7.24	8.46	31.67	30.09	3.03	5	97	0.192	SE
CR1	20200624	Cloudy	Moderate	Mid-Ebb	M	6.55	13:41	7.92	8.35	32.01	30.17	2.71	6	97	0.161	SE
CR1	20200624	Cloudy	Moderate	Mid-Ebb	M	6.55	13:41	7.49	8.17	31.86	30.27	2.49	4	97	0.143	SE
CR1	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:42	7.64	8.54	31.49	30.19	2.34	5	97	0.127	SE
CR1	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:42	8.09	8.5	31.5	30.06	2.38	6	97	0.161	SE
CR2	20200624	Cloudy	Moderate	Mid-Ebb	B	11.1	13:20	7.97	8.42	31.8	30.1	3.34	4	97	0.125	E
CR2	20200624	Cloudy	Moderate	Mid-Ebb	B	11.1	13:20	7.88	8.33	31.76	30.33	3.33	4	97	0.122	SE
CR2	20200624	Cloudy	Moderate	Mid-Ebb	M	6.05	13:21	8.25	8.58	32.04	30.32	2.52	5	97	0.128	E
CR2	20200624	Cloudy	Moderate	Mid-Ebb	M	6.05	13:21	8.8	8.18	31.95	30.1	2.71	4	97	0.161	E
CR2	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:22	7.4	8.17	31.85	30.31	2.72	4	97	0.144	E
CR2	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:22	7.99	8.23	31.71	30.05	2.73	5	97	0.199	SE
F1A	20200624	Cloudy	Moderate	Mid-Ebb	B	7.5	13:52	8.05	8.54	31.77	30.28	2.97	6	97	0.142	SE
F1A	20200624	Cloudy	Moderate	Mid-Ebb	B	7.5	13:52	7.21	8.46	32.08	30.26	3.14	6	97	0.17	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
F1A	20200624	Cloudy	Moderate	Mid-Ebb	M	4.25	13:53	7.62	8.45	32.06	30.22	2.65	6	97	0.196	SE
F1A	20200624	Cloudy	Moderate	Mid-Ebb	M	4.25	13:53	7.47	8.29	31.98	30.07	2.48	6	97	0.134	SE
F1A	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:54	7.41	8.53	31.99	30.04	2.81	5	97	0.164	SE
F1A	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:54	8.72	8.46	31.5	30.09	2.74	5	97	0.131	SE
H1	20200624	Cloudy	Moderate	Mid-Ebb	B	7.9	13:02	7.23	8.19	31.68	30.04	3.05	8	97	0.184	SE
H1	20200624	Cloudy	Moderate	Mid-Ebb	B	7.9	13:02	8.16	8.19	32.1	30.15	2.88	7	97	0.148	E
H1	20200624	Cloudy	Moderate	Mid-Ebb	M	4.45	13:03	7.4	8.58	31.93	30.01	2.7	9	98	0.189	E
H1	20200624	Cloudy	Moderate	Mid-Ebb	M	4.45	13:03	7.46	8.32	32.05	30.09	2.81	8	97	0.125	E
H1	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:04	7.27	8.18	31.95	30.18	2.48	9	97	0.113	SE
H1	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:04	8.47	8.33	32	30.01	2.69	8	97	0.185	SE
M1	20200624	Cloudy	Moderate	Mid-Ebb	B	8.3	14:12	8.79	8.53	31.81	30.31	3.33	4	98	0.186	SE
M1	20200624	Cloudy	Moderate	Mid-Ebb	B	8.3	14:12	7.19	8.25	32	30.11	3.04	5	97	0.115	SE
M1	20200624	Cloudy	Moderate	Mid-Ebb	M	4.65	14:13	7.52	8.23	31.63	30.31	2.4	5	97	0.194	E
M1	20200624	Cloudy	Moderate	Mid-Ebb	M	4.65	14:13	7.21	8.5	32.14	30.08	2.57	6	97	0.201	SE
M1	20200624	Cloudy	Moderate	Mid-Ebb	S	1	14:14	8.45	8.33	31.97	30.23	2.59	6	97	0.176	SE
M1	20200624	Cloudy	Moderate	Mid-Ebb	S	1	14:14	7.5	8.55	32.01	30.17	2.32	5	97	0.138	SE
S1	20200624	Cloudy	Moderate	Mid-Ebb	B	4.5	12:49	8.84	8.4	31.79	30.15	2.86	6	97	0.121	SE
S1	20200624	Cloudy	Moderate	Mid-Ebb	B	4.5	12:49	8.83	8.16	31.89	29.82	2.97	6	97	0.199	SE
S1	20200624	Cloudy	Moderate	Mid-Ebb	S	1	12:50	8.66	8.28	32.04	29.91	2.44	6	97	0.115	SE
S1	20200624	Cloudy	Moderate	Mid-Ebb	S	1	12:50	7.48	8.16	31.45	30.17	2.52	5	97	0.15	E
S2A	20200624	Cloudy	Moderate	Mid-Ebb	B	7.7	13:12	8.07	8.34	31.62	30.11	3.14	6	97	0.186	SE
S2A	20200624	Cloudy	Moderate	Mid-Ebb	B	7.7	13:12	7.77	8.36	31.55	30.35	3.16	5	97	0.138	SE
S2A	20200624	Cloudy	Moderate	Mid-Ebb	M	4.35	13:13	8.17	8.36	31.53	30.12	2.67	6	97	0.19	SE
S2A	20200624	Cloudy	Moderate	Mid-Ebb	M	4.35	13:13	8.46	8.5	31.82	30.35	2.68	5	97	0.117	SE
S2A	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:14	8.47	8.2	31.47	30.16	2.72	6	97	0.162	SE
S2A	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:14	7.72	8.28	32.06	30.3	2.82	6	97	0.162	E
S3	20200624	Cloudy	Moderate	Mid-Ebb	B	9	13:29	8.74	8.44	31.9	30.11	3.08	6	97	0.149	SE
S3	20200624	Cloudy	Moderate	Mid-Ebb	B	9	13:29	7.87	8.23	32.1	30.26	3.37	6	97	0.13	E

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20200624	Cloudy	Moderate	Mid-Ebb	M	5	13:30	7.68	8.53	31.56	30.2	2.44	6	97	0.123	SE
S3	20200624	Cloudy	Moderate	Mid-Ebb	M	5	13:30	8.54	8.37	32.04	30.07	2.38	6	97	0.195	SE
S3	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:31	7.2	8.48	31.83	30.18	2.46	6	97	0.19	SE
S3	20200624	Cloudy	Moderate	Mid-Ebb	S	1	13:31	8.54	8.36	32.17	30.14	2.84	6	97	0.12	SE
B1	20200626	Cloudy	Moderate	Mid-Flood	B	4.1	10:11	8.57	8.52	32.19	29.25	3.07	4	100	0.227	W
B1	20200626	Cloudy	Moderate	Mid-Flood	B	4.1	10:11	8.19	8.32	32.11	29.35	3.03	5	100	0.208	W
B1	20200626	Cloudy	Moderate	Mid-Flood	S	1	10:12	7.84	8.46	31.96	29.29	2.36	3	100	0.217	NW
B1	20200626	Cloudy	Moderate	Mid-Flood	S	1	10:12	7.73	8.56	31.89	29.34	2.83	2	100	0.181	W
B2	20200626	Cloudy	Moderate	Mid-Flood	B	3.5	10:28	7.97	8.47	32.29	29.55	3.06	4	100	0.193	W
B2	20200626	Cloudy	Moderate	Mid-Flood	B	3.5	10:28	8.46	8.31	32.41	29.51	2.97	3	101	0.181	NW
B2	20200626	Cloudy	Moderate	Mid-Flood	S	1	10:29	8.61	8.27	32.39	29.5	2.63	4	100	0.171	W
B2	20200626	Cloudy	Moderate	Mid-Flood	S	1	10:29	8.11	8.47	31.95	29.39	2.82	4	100	0.254	W
B3	20200626	Cloudy	Moderate	Mid-Flood	B	3.7	9:44	8.52	8.52	31.96	29.44	3.27	3	100	0.205	NW
B3	20200626	Cloudy	Moderate	Mid-Flood	B	3.7	9:44	8.18	8.32	32.37	29.32	3.45	4	100	0.218	W
B3	20200626	Cloudy	Moderate	Mid-Flood	S	1	9:45	7.8	8.4	32.44	29.32	2.49	6	100	0.241	W
B3	20200626	Cloudy	Moderate	Mid-Flood	S	1	9:45	7.87	8.6	32.28	29.46	2.56	5	100	0.245	NW
B4	20200626	Cloudy	Moderate	Mid-Flood	B	4.3	9:36	7.89	8.37	31.96	29.37	3.28	4	100	0.222	W
B4	20200626	Cloudy	Moderate	Mid-Flood	B	4.3	9:36	7.97	8.56	32.15	29.4	3.21	4	101	0.181	W
B4	20200626	Cloudy	Moderate	Mid-Flood	S	1	9:37	8.1	8.39	31.94	29.28	2.47	4	100	0.228	W
B4	20200626	Cloudy	Moderate	Mid-Flood	S	1	9:37	7.59	8.47	31.96	29.47	2.91	4	100	0.211	NW
C1A	20200626	Cloudy	Moderate	Mid-Flood	B	10.7	9:11	8.53	8.44	31.95	29.17	3.03	4	100	0.191	NW
C1A	20200626	Cloudy	Moderate	Mid-Flood	B	10.7	9:11	7.98	8.42	32.34	29.18	3.47	5	100	0.237	W
C1A	20200626	Cloudy	Moderate	Mid-Flood	M	5.85	9:12	7.57	8.49	31.98	29.32	2.72	4	100	0.19	NW
C1A	20200626	Cloudy	Moderate	Mid-Flood	M	5.85	9:12	7.71	8.35	32	29.18	3.05	3	101	0.191	W
C1A	20200626	Cloudy	Moderate	Mid-Flood	S	1	9:13	8.62	8.47	32.01	29.26	2.4	2	100	0.179	W
C1A	20200626	Cloudy	Moderate	Mid-Flood	S	1	9:13	8.3	8.35	32.19	29.32	2.5	3	101	0.247	W
C2A	20200626	Cloudy	Moderate	Mid-Flood	B	11	8:02	8.16	8.48	32.08	28.86	2.93	4	100	0.203	W
C2A	20200626	Cloudy	Moderate	Mid-Flood	B	11	8:02	8.45	8.27	32.29	28.92	3.04	5	100	0.238	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	20200626	Cloudy	Moderate	Mid-Flood	M	6	8:03	8.29	8.42	31.97	28.94	2.76	4	101	0.214	W
C2A	20200626	Cloudy	Moderate	Mid-Flood	M	6	8:03	8.5	8.46	32.08	29.13	2.75	4	100	0.246	NW
C2A	20200626	Cloudy	Moderate	Mid-Flood	S	1	8:04	7.55	8.48	32.13	29.09	2.42	3	100	0.184	W
C2A	20200626	Cloudy	Moderate	Mid-Flood	S	1	8:04	7.8	8.39	32.1	29.06	2.88	4	100	0.213	W
CR1	20200626	Cloudy	Moderate	Mid-Flood	B	11.6	8:26	7.6	8.41	31.88	29.05	3.1	3	100	0.233	W
CR1	20200626	Cloudy	Moderate	Mid-Flood	B	11.6	8:26	8.19	8.39	32.21	28.99	3.16	4	100	0.246	W
CR1	20200626	Cloudy	Moderate	Mid-Flood	M	6.3	8:27	7.68	8.59	32.07	28.96	3.07	4	102	0.185	W
CR1	20200626	Cloudy	Moderate	Mid-Flood	M	6.3	8:27	7.95	8.27	32.05	29.11	3.1	3	100	0.221	W
CR1	20200626	Cloudy	Moderate	Mid-Flood	S	1	8:28	8.3	8.32	32.43	29.07	2.71	3	100	0.215	W
CR1	20200626	Cloudy	Moderate	Mid-Flood	S	1	8:28	8.09	8.3	32.44	28.83	2.52	2	101	0.196	W
CR2	20200626	Cloudy	Moderate	Mid-Flood	B	10.4	8:42	7.73	8.38	32.15	29.06	3.03	4	100	0.2	W
CR2	20200626	Cloudy	Moderate	Mid-Flood	B	10.4	8:42	8.12	8.41	32.2	29.22	2.98	3	100	0.183	W
CR2	20200626	Cloudy	Moderate	Mid-Flood	M	5.7	8:43	8.51	8.5	32.19	29.28	2.66	2	100	0.258	NW
CR2	20200626	Cloudy	Moderate	Mid-Flood	M	5.7	8:43	8.1	8.34	32.16	29.28	2.67	4	100	0.215	W
CR2	20200626	Cloudy	Moderate	Mid-Flood	S	1	8:44	8.09	8.56	31.93	29.12	2.86	2	100	0.208	W
CR2	20200626	Cloudy	Moderate	Mid-Flood	S	1	8:44	8.2	8.44	32.07	29.24	2.75	2	100	0.207	W
F1A	20200626	Cloudy	Moderate	Mid-Flood	B	7.5	9:14	8.6	8.37	32.1	29.25	3.38	4	100	0.261	NW
F1A	20200626	Cloudy	Moderate	Mid-Flood	B	7.5	9:14	8.4	8.59	31.91	29.33	3.35	4	100	0.229	NW
F1A	20200626	Cloudy	Moderate	Mid-Flood	M	4.25	9:15	8.48	8.35	32.11	29.15	2.78	4	100	0.196	W
F1A	20200626	Cloudy	Moderate	Mid-Flood	M	4.25	9:15	7.91	8.42	32.26	29.21	3.03	3	100	0.201	W
F1A	20200626	Cloudy	Moderate	Mid-Flood	S	1	9:16	7.61	8.35	31.95	29.11	2.4	4	101	0.168	NW
F1A	20200626	Cloudy	Moderate	Mid-Flood	S	1	9:16	8.25	8.4	32	29.33	2.42	3	100	0.223	W
H1	20200626	Cloudy	Moderate	Mid-Flood	B	6.9	9:36	8.41	8.26	32.42	29.48	3.38	5	100	0.2	W
H1	20200626	Cloudy	Moderate	Mid-Flood	B	6.9	9:36	8.35	8.52	32.33	29.36	3.01	4	100	0.234	NW
H1	20200626	Cloudy	Moderate	Mid-Flood	M	3.95	9:37	8.31	8.28	32.37	29.33	2.77	4	100	0.251	NW
H1	20200626	Cloudy	Moderate	Mid-Flood	M	3.95	9:37	7.76	8.38	31.89	29.44	2.89	4	100	0.183	W
H1	20200626	Cloudy	Moderate	Mid-Flood	S	1	9:38	7.92	8.49	31.97	29.45	2.75	2	101	0.201	W
H1	20200626	Cloudy	Moderate	Mid-Flood	S	1	9:38	7.9	8.44	32.16	29.3	2.46	2	102	0.241	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20200626	Cloudy	Moderate	Mid-Flood	B	7.6	8:52	8.52	8.25	32.07	29.13	3.36	5	100	0.2	W
M1	20200626	Cloudy	Moderate	Mid-Flood	B	7.6	8:52	8.38	8.35	32.07	28.95	3.35	5	100	0.196	NW
M1	20200626	Cloudy	Moderate	Mid-Flood	M	4.3	8:53	7.99	8.37	32.4	29.28	2.9	5	100	0.243	W
M1	20200626	Cloudy	Moderate	Mid-Flood	M	4.3	8:53	7.94	8.4	31.97	28.99	2.92	5	100	0.226	W
M1	20200626	Cloudy	Moderate	Mid-Flood	S	1	8:54	8.04	8.46	32.31	28.96	2.37	5	100	0.245	W
M1	20200626	Cloudy	Moderate	Mid-Flood	S	1	8:54	7.65	8.4	32	29.15	2.81	4	100	0.185	NW
S1	20200626	Cloudy	Moderate	Mid-Flood	B	4.3	10:20	7.97	8.47	31.98	29.36	3.42	3	100	0.261	W
S1	20200626	Cloudy	Moderate	Mid-Flood	B	4.3	10:20	7.85	8.32	32.44	29.19	3.09	4	100	0.223	NW
S1	20200626	Cloudy	Moderate	Mid-Flood	S	1	10:21	8.05	8.34	32.3	29.26	2.81	2	100	0.186	W
S1	20200626	Cloudy	Moderate	Mid-Flood	S	1	10:21	8.12	8.38	32.42	29.35	2.49	3	100	0.259	NW
S2A	20200626	Cloudy	Moderate	Mid-Flood	B	8.5	9:58	7.59	8.57	32.33	29.18	2.97	5	100	0.2	NW
S2A	20200626	Cloudy	Moderate	Mid-Flood	B	8.5	9:58	8.23	8.46	31.95	29.21	2.91	5	100	0.261	W
S2A	20200626	Cloudy	Moderate	Mid-Flood	M	4.75	9:59	8.44	8.41	31.99	29.19	2.67	4	100	0.209	W
S2A	20200626	Cloudy	Moderate	Mid-Flood	M	4.75	9:59	8.53	8.31	32.38	29.36	2.94	5	100	0.246	W
S2A	20200626	Cloudy	Moderate	Mid-Flood	S	1	10:00	7.57	8.44	32.1	29.32	2.71	4	100	0.194	NW
S2A	20200626	Cloudy	Moderate	Mid-Flood	S	1	10:00	8.26	8.42	32.27	29.34	2.56	4	100	0.253	W
S3	20200626	Cloudy	Moderate	Mid-Flood	B	9.7	8:53	7.71	8.39	32.39	29.24	3.14	4	100	0.192	W
S3	20200626	Cloudy	Moderate	Mid-Flood	B	9.7	8:53	8.18	8.37	32.06	29.11	3.04	4	100	0.262	NW
S3	20200626	Cloudy	Moderate	Mid-Flood	M	5.35	8:54	7.55	8.29	32.18	29.28	2.87	5	100	0.247	W
S3	20200626	Cloudy	Moderate	Mid-Flood	M	5.35	8:54	8.44	8.43	32.06	29.11	2.83	5	100	0.256	NW
S3	20200626	Cloudy	Moderate	Mid-Flood	S	1	8:55	8.52	8.53	32.39	29.23	2.74	7	100	0.206	NW
S3	20200626	Cloudy	Moderate	Mid-Flood	S	1	8:55	7.62	8.34	32.16	29.04	2.46	6	100	0.181	W
B1	20200626	Cloudy	Moderate	Mid-Ebb	B	4.1	14:56	8.46	8.27	32.39	30.52	3	5	98	0.231	SE
B1	20200626	Cloudy	Moderate	Mid-Ebb	B	4.1	14:56	7.88	8.38	32.28	30.65	2.93	6	99	0.208	E
B1	20200626	Cloudy	Moderate	Mid-Ebb	S	1	14:57	7.5	8.48	32.44	30.49	2.8	4	99	0.147	E
B1	20200626	Cloudy	Moderate	Mid-Ebb	S	1	14:57	8.32	8.36	31.87	30.58	2.33	5	98	0.221	E
B2	20200626	Cloudy	Moderate	Mid-Ebb	B	4.2	15:19	8.78	8.32	32.02	30.49	3.05	5	99	0.229	E
B2	20200626	Cloudy	Moderate	Mid-Ebb	B	4.2	15:19	8.72	8.42	32.14	30.52	2.91	6	99	0.181	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
B2	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:20	8.03	8.29	31.93	30.45	2.58	4	98	0.195	SE
B2	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:20	8.35	8.57	32.16	30.64	2.87	5	98	0.219	SE
B3	20200626	Cloudy	Moderate	Mid-Ebb	B	4	15:06	8.68	8.48	32.16	30.37	3.09	3	99	0.223	SE
B3	20200626	Cloudy	Moderate	Mid-Ebb	B	4	15:06	8.37	8.3	32.21	30.65	2.97	3	99	0.196	SE
B3	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:07	7.42	8.26	32.01	30.52	2.88	3	100	0.168	SE
B3	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:07	7.43	8.48	32.38	30.35	2.86	4	99	0.226	E
B4	20200626	Cloudy	Moderate	Mid-Ebb	B	4.1	15:14	7.84	8.41	32.25	30.42	3.43	6	99	0.165	SE
B4	20200626	Cloudy	Moderate	Mid-Ebb	B	4.1	15:14	8.02	8.39	31.89	30.34	3.26	5	99	0.166	SE
B4	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:15	7.43	8.53	32.07	30.56	2.4	4	99	0.213	E
B4	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:15	8.52	8.51	32.25	30.62	2.47	3	99	0.181	SE
C1A	20200626	Cloudy	Moderate	Mid-Ebb	B	9.8	14:25	7.59	8.51	31.86	30.46	3.09	4	99	0.183	E
C1A	20200626	Cloudy	Moderate	Mid-Ebb	B	9.8	14:25	7.52	8.44	31.88	30.26	3.23	5	99	0.183	SE
C1A	20200626	Cloudy	Moderate	Mid-Ebb	M	5.4	14:26	8.76	8.34	32.22	30.4	2.71	4	99	0.193	SE
C1A	20200626	Cloudy	Moderate	Mid-Ebb	M	5.4	14:26	8.17	8.35	32.41	30.51	2.77	6	99	0.196	SE
C1A	20200626	Cloudy	Moderate	Mid-Ebb	S	1	14:27	8.1	8.26	32.17	30.44	2.83	7	99	0.171	SE
C1A	20200626	Cloudy	Moderate	Mid-Ebb	S	1	14:27	8.51	8.46	32.4	30.4	2.35	6	99	0.169	E
C2A	20200626	Cloudy	Moderate	Mid-Ebb	B	11.4	14:23	8.77	8.57	31.99	30.42	3.07	6	99	0.206	E
C2A	20200626	Cloudy	Moderate	Mid-Ebb	B	11.4	14:23	8.58	8.48	31.9	30.33	3.22	5	99	0.146	SE
C2A	20200626	Cloudy	Moderate	Mid-Ebb	M	6.2	14:24	8.65	8.57	31.99	30.34	2.7	5	99	0.232	E
C2A	20200626	Cloudy	Moderate	Mid-Ebb	M	6.2	14:24	8.14	8.47	32.26	30.28	2.61	6	99	0.146	SE
C2A	20200626	Cloudy	Moderate	Mid-Ebb	S	1	14:25	8.12	8.48	31.91	30.47	2.31	7	99	0.195	SE
C2A	20200626	Cloudy	Moderate	Mid-Ebb	S	1	14:25	7.78	8.4	32.18	30.46	2.56	7	99	0.227	SE
CR1	20200626	Cloudy	Moderate	Mid-Ebb	B	11.6	16:13	8.57	8.34	32.42	30.46	3.19	4	99	0.168	SE
CR1	20200626	Cloudy	Moderate	Mid-Ebb	B	11.6	16:13	8.54	8.35	32.25	30.53	2.9	4	99	0.184	E
CR1	20200626	Cloudy	Moderate	Mid-Ebb	M	6.3	16:14	8.41	8.32	32.12	30.25	2.89	4	99	0.206	E
CR1	20200626	Cloudy	Moderate	Mid-Ebb	M	6.3	16:14	7.53	8.44	31.92	30.45	2.8	4	99	0.171	E
CR1	20200626	Cloudy	Moderate	Mid-Ebb	S	1	16:15	8.15	8.48	32.14	30.26	2.69	5	99	0.209	E
CR1	20200626	Cloudy	Moderate	Mid-Ebb	S	1	16:15	7.68	8.57	32.17	30.4	2.75	4	99	0.202	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
CR2	20200626	Cloudy	Moderate	Mid-Ebb	B	10.1	15:55	8.72	8.5	32.29	30.19	2.88	3	100	0.229	E
CR2	20200626	Cloudy	Moderate	Mid-Ebb	B	10.1	15:55	7.59	8.3	32	30.23	3.1	2	99	0.157	E
CR2	20200626	Cloudy	Moderate	Mid-Ebb	M	5.55	15:56	8.39	8.45	32.27	30.32	2.35	4	99	0.151	SE
CR2	20200626	Cloudy	Moderate	Mid-Ebb	M	5.55	15:56	7.5	8.57	32.06	30.19	2.86	5	99	0.194	SE
CR2	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:57	8.46	8.53	31.85	30.19	2.7	5	99	0.146	SE
CR2	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:57	8.51	8.45	32.33	30.3	2.46	5	99	0.201	E
F1A	20200626	Cloudy	Moderate	Mid-Ebb	B	7.2	15:35	8.08	8.31	31.9	30.26	3.39	4	99	0.163	E
F1A	20200626	Cloudy	Moderate	Mid-Ebb	B	7.2	15:35	7.7	8.41	32.32	30.36	3.21	6	99	0.196	SE
F1A	20200626	Cloudy	Moderate	Mid-Ebb	M	4.1	15:36	7.67	8.32	32.36	30.44	2.37	5	99	0.219	SE
F1A	20200626	Cloudy	Moderate	Mid-Ebb	M	4.1	15:36	8.5	8.28	31.87	30.5	2.82	6	99	0.191	SE
F1A	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:37	8.2	8.56	32.14	30.51	2.53	6	99	0.177	E
F1A	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:37	7.69	8.49	32.02	30.32	2.58	6	99	0.185	E
H1	20200626	Cloudy	Moderate	Mid-Ebb	B	7.1	14:41	7.66	8.31	32.44	30.25	3.38	4	99	0.158	SE
H1	20200626	Cloudy	Moderate	Mid-Ebb	B	7.1	14:41	8.21	8.54	32.42	30.52	3.31	5	99	0.189	E
H1	20200626	Cloudy	Moderate	Mid-Ebb	M	4.05	14:42	7.65	8.53	32.2	30.44	2.35	5	99	0.198	SE
H1	20200626	Cloudy	Moderate	Mid-Ebb	M	4.05	14:42	7.95	8.39	31.85	30.45	2.42	6	99	0.179	SE
H1	20200626	Cloudy	Moderate	Mid-Ebb	S	1	14:43	8.16	8.43	32.28	30.48	2.36	6	99	0.228	E
H1	20200626	Cloudy	Moderate	Mid-Ebb	S	1	14:43	8.14	8.27	32.42	30.35	2.31	7	99	0.151	SE
M1	20200626	Cloudy	Moderate	Mid-Ebb	B	8.3	15:55	8.4	8.42	32.29	30.2	2.96	4	99	0.205	SE
M1	20200626	Cloudy	Moderate	Mid-Ebb	B	8.3	15:55	7.98	8.49	32.33	30.34	2.98	4	99	0.156	E
M1	20200626	Cloudy	Moderate	Mid-Ebb	M	4.65	15:56	8.67	8.35	31.96	30.17	2.73	4	99	0.207	SE
M1	20200626	Cloudy	Moderate	Mid-Ebb	M	4.65	15:56	7.87	8.37	32.34	30.18	2.75	4	99	0.159	E
M1	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:57	8.49	8.49	32.39	30.38	2.64	4	99	0.22	SE
M1	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:57	8.58	8.5	32.29	30.38	2.84	3	99	0.168	E
S1	20200626	Cloudy	Moderate	Mid-Ebb	B	3.9	15:11	8.64	8.55	32.37	30.43	3.24	6	99	0.174	E
S1	20200626	Cloudy	Moderate	Mid-Ebb	B	3.9	15:11	7.88	8.33	32.33	30.48	2.95	5	98	0.149	E
S1	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:12	8.38	8.55	32.41	30.58	2.53	5	99	0.174	E
S1	20200626	Cloudy	Moderate	Mid-Ebb	S	1	15:12	8.4	8.28	31.84	30.53	2.34	4	99	0.164	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
S2A	20200626	Cloudy	Moderate	Mid-Ebb	B	7.7	14:54	7.9	8.39	32.06	30.65	3.04	4	99	0.208	E
S2A	20200626	Cloudy	Moderate	Mid-Ebb	B	7.7	14:54	7.79	8.42	32.06	30.53	2.97	5	99	0.191	SE
S2A	20200626	Cloudy	Moderate	Mid-Ebb	M	4.35	14:55	7.82	8.54	32.24	30.5	2.89	4	99	0.17	SE
S2A	20200626	Cloudy	Moderate	Mid-Ebb	M	4.35	14:55	8.32	8.26	32.33	30.68	2.4	5	99	0.216	E
S2A	20200626	Cloudy	Moderate	Mid-Ebb	S	1	14:56	7.64	8.42	32.12	30.53	2.36	6	99	0.2	E
S2A	20200626	Cloudy	Moderate	Mid-Ebb	S	1	14:56	8.01	8.31	32.43	30.58	2.73	5	99	0.166	E
S3	20200626	Cloudy	Moderate	Mid-Ebb	B	9.7	16:03	8.44	8.49	32.37	30.38	3.5	3	99	0.155	E
S3	20200626	Cloudy	Moderate	Mid-Ebb	B	9.7	16:03	8.26	8.58	32.34	30.25	3.34	4	99	0.202	SE
S3	20200626	Cloudy	Moderate	Mid-Ebb	M	5.35	16:04	7.68	8.37	32.2	30.39	2.86	4	99	0.155	E
S3	20200626	Cloudy	Moderate	Mid-Ebb	M	5.35	16:04	7.73	8.5	32.22	30.24	2.57	5	99	0.158	E
S3	20200626	Cloudy	Moderate	Mid-Ebb	S	1	16:05	8.54	8.58	32.26	30.2	2.48	5	99	0.175	SE
S3	20200626	Cloudy	Moderate	Mid-Ebb	S	1	16:05	8	8.43	32.13	30.28	2.69	5	99	0.183	E
B1	20200629	Sunny	Moderate	Mid-Flood	B	4.1	12:34	7.71	8.48	32.0	30.5	2.99	3	101	0.217	W
B1	20200629	Sunny	Moderate	Mid-Flood	B	4.1	12:34	7.18	8.22	32.1	30.4	2.73	4	100	0.205	NW
B1	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:35	7.79	8.30	31.7	30.5	2.57	3	100	0.248	W
B1	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:35	7.39	8.35	31.9	30.3	2.76	4	100	0.253	W
B2	20200629	Sunny	Moderate	Mid-Flood	B	3.5	12:52	7.28	8.55	31.7	30.3	3.01	3	101	0.223	W
B2	20200629	Sunny	Moderate	Mid-Flood	B	3.5	12:52	7.88	8.47	32.1	30.4	3.26	3	101	0.207	W
B2	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:53	7.77	8.43	32.0	30.4	2.62	3	100	0.262	W
B2	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:53	6.91	8.40	32.0	30.3	2.6	3	101	0.208	NW
B3	20200629	Sunny	Moderate	Mid-Flood	B	3.8	12:06	7.63	8.38	32.2	30.4	3.13	3	100	0.187	W
B3	20200629	Sunny	Moderate	Mid-Flood	B	3.8	12:06	7.79	8.60	32.1	30.4	3.18	3	100	0.192	NW
B3	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:07	8.12	8.56	31.7	30.4	2.88	3	101	0.204	NW
B3	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:07	7.93	8.41	32.1	30.4	2.65	4	101	0.198	W
B4	20200629	Sunny	Moderate	Mid-Flood	B	3.5	11:57	6.71	8.43	32.1	30.3	3.45	3	100	0.208	NW
B4	20200629	Sunny	Moderate	Mid-Flood	B	3.5	11:57	7.69	8.28	32.0	30.2	2.94	3	100	0.254	NW
B4	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:58	7.95	8.60	32.1	30.2	2.83	3	101	0.206	W
B4	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:58	6.84	8.25	32.1	30.2	2.37	4	101	0.194	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
C1A	20200629	Sunny	Moderate	Mid-Flood	B	9.0	12:14	6.88	8.38	31.6	30.5	2.72	3	100	0.201	W
C1A	20200629	Sunny	Moderate	Mid-Flood	B	9.0	12:14	7.89	8.27	31.7	30.4	3.08	3	101	0.243	W
C1A	20200629	Sunny	Moderate	Mid-Flood	M	5.0	12:15	7.65	8.40	31.7	30.4	2.55	3	101	0.176	W
C1A	20200629	Sunny	Moderate	Mid-Flood	M	5.0	12:15	7.33	8.45	32.1	30.3	2.36	4	100	0.206	W
C1A	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:16	7.61	8.36	32.0	30.4	2.65	3	101	0.24	W
C1A	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:16	6.79	8.35	32.1	30.4	2.34	4	100	0.179	NW
C2A	20200629	Sunny	Moderate	Mid-Flood	B	10.1	11:07	7.95	8.61	31.7	30.1	2.86	3	100	0.169	W
C2A	20200629	Sunny	Moderate	Mid-Flood	B	10.1	11:07	7.35	8.30	31.8	30.2	2.91	3	100	0.235	W
C2A	20200629	Sunny	Moderate	Mid-Flood	M	5.6	11:08	7.64	8.35	31.7	30.3	2.93	3	100	0.238	W
C2A	20200629	Sunny	Moderate	Mid-Flood	M	5.6	11:08	6.72	8.54	31.7	30.3	2.85	3	100	0.176	W
C2A	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:09	6.68	8.48	31.7	30.2	2.58	4	101	0.172	NW
C2A	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:09	6.86	8.23	31.9	30.4	2.28	3	101	0.205	W
CR1	20200629	Sunny	Moderate	Mid-Flood	B	11.1	11:31	6.82	8.21	31.8	30.3	2.84	4	101	0.194	W
CR1	20200629	Sunny	Moderate	Mid-Flood	B	11.1	11:31	7.97	8.47	31.8	30.3	3.07	4	101	0.24	W
CR1	20200629	Sunny	Moderate	Mid-Flood	M	6.1	11:32	7.71	8.26	31.8	30.2	2.84	4	100	0.192	W
CR1	20200629	Sunny	Moderate	Mid-Flood	M	6.1	11:32	6.89	8.21	31.8	30.3	2.46	4	101	0.213	W
CR1	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:33	7.35	8.26	31.6	30.3	2.32	4	100	0.259	W
CR1	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:33	6.85	8.32	32.1	30.3	2.73	4	100	0.196	W
CR2	20200629	Sunny	Moderate	Mid-Flood	B	10.0	11:46	7.15	8.29	31.6	30.4	2.78	4	101	0.242	NW
CR2	20200629	Sunny	Moderate	Mid-Flood	B	10.0	11:46	7.2	8.45	32.0	30.2	2.76	4	101	0.189	W
CR2	20200629	Sunny	Moderate	Mid-Flood	M	5.5	11:47	6.97	8.47	32.0	30.3	2.8	4	101	0.171	W
CR2	20200629	Sunny	Moderate	Mid-Flood	M	5.5	11:47	7.82	8.44	31.8	30.3	2.68	5	100	0.179	W
CR2	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:48	7.58	8.59	32.0	30.3	2.42	4	101	0.17	NW
CR2	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:48	7.17	8.33	32.0	30.4	2.43	4	100	0.191	NW
F1A	20200629	Sunny	Moderate	Mid-Flood	B	7.0	11:36	6.79	8.22	31.6	30.2	2.81	3	100	0.237	W
F1A	20200629	Sunny	Moderate	Mid-Flood	B	7.0	11:36	7.91	8.41	31.8	30.3	3.12	3	101	0.247	W
F1A	20200629	Sunny	Moderate	Mid-Flood	M	4.0	11:37	7.63	8.53	31.7	30.2	2.69	3	100	0.249	NW
F1A	20200629	Sunny	Moderate	Mid-Flood	M	4.0	11:37	7.43	8.52	31.7	30.2	2.41	3	100	0.261	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:38	6.91	8.60	32.0	30.3	2.28	3	100	0.244	NW
F1A	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:38	7.23	8.55	31.8	30.3	2.54	4	101	0.229	W
H1	20200629	Sunny	Moderate	Mid-Flood	B	7.1	12:40	7.9	8.41	31.6	30.4	3.25	3	100	0.256	NW
H1	20200629	Sunny	Moderate	Mid-Flood	B	7.1	12:40	7.54	8.35	31.8	30.4	2.73	4	101	0.201	W
H1	20200629	Sunny	Moderate	Mid-Flood	M	4.1	12:41	7.44	8.36	31.7	30.3	2.8	4	100	0.196	W
H1	20200629	Sunny	Moderate	Mid-Flood	M	4.1	12:41	7.49	8.21	32.0	30.3	2.84	3	101	0.206	NW
H1	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:42	6.89	8.55	32.0	30.5	2.69	4	101	0.193	W
H1	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:42	6.84	8.57	32.0	30.5	2.67	3	101	0.261	W
M1	20200629	Sunny	Moderate	Mid-Flood	B	7.4	11:14	7.22	8.49	31.6	30.3	2.74	5	101	0.197	W
M1	20200629	Sunny	Moderate	Mid-Flood	B	7.4	11:14	7.88	8.43	31.8	30.3	3.06	6	101	0.207	W
M1	20200629	Sunny	Moderate	Mid-Flood	M	4.2	11:15	7.5	8.59	31.7	30.3	2.55	6	101	0.253	NW
M1	20200629	Sunny	Moderate	Mid-Flood	M	4.2	11:15	7.88	8.41	31.6	30.3	2.53	6	101	0.179	W
M1	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:16	6.84	8.20	31.8	30.3	2.52	6	100	0.173	W
M1	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:16	7.3	8.24	32.1	30.3	2.63	6	101	0.194	NW
S1	20200629	Sunny	Moderate	Mid-Flood	B	4.1	12:43	6.84	8.22	31.7	30.3	2.88	3	100	0.246	W
S1	20200629	Sunny	Moderate	Mid-Flood	B	4.1	12:43	7.25	8.59	32.0	30.3	2.99	3	100	0.205	W
S1	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:44	7.92	8.36	32.0	30.3	2.33	3	100	0.228	W
S1	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:44	7.39	8.36	31.8	30.4	2.32	3	100	0.238	W
S2A	20200629	Sunny	Moderate	Mid-Flood	B	8.8	12:20	7.48	8.25	31.8	30.5	2.84	4	101	0.236	W
S2A	20200629	Sunny	Moderate	Mid-Flood	B	8.8	12:20	7.45	8.31	32.0	30.5	2.84	5	101	0.197	NW
S2A	20200629	Sunny	Moderate	Mid-Flood	M	4.9	12:21	6.84	8.42	32.0	30.3	2.81	5	99	0.186	W
S2A	20200629	Sunny	Moderate	Mid-Flood	M	4.9	12:21	7.13	8.50	32.0	30.4	2.85	4	101	0.253	NW
S2A	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:22	7.42	8.60	32.0	30.3	2.66	4	100	0.18	W
S2A	20200629	Sunny	Moderate	Mid-Flood	S	1.0	12:22	7.18	8.43	31.9	30.4	2.28	4	101	0.176	W
S3	20200629	Sunny	Moderate	Mid-Flood	B	9.7	11:55	7.18	8.40	32.1	30.5	3.18	4	100	0.225	W
S3	20200629	Sunny	Moderate	Mid-Flood	B	9.7	11:55	7.63	8.31	32.2	30.3	3.24	4	100	0.253	W
S3	20200629	Sunny	Moderate	Mid-Flood	M	5.4	11:56	6.9	8.27	31.8	30.4	2.38	5	100	0.209	NW
S3	20200629	Sunny	Moderate	Mid-Flood	M	5.4	11:56	7.07	8.30	31.9	30.4	2.42	4	100	0.22	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:57	7.13	8.50	32.0	30.4	2.83	4	100	0.19	NW
S3	20200629	Sunny	Moderate	Mid-Flood	S	1.0	11:57	7.38	8.46	32.2	30.3	2.79	4	100	0.206	W
B1	20200629	Sunny	Moderate	Mid-Ebb	B	3.5	16:40	7.01	8.50	31.4	30.4	2.73	5	96	0.162	SE
B1	20200629	Sunny	Moderate	Mid-Ebb	B	3.5	16:40	7.61	8.53	31.7	30.7	2.97	4	96	0.241	SE
B1	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:41	8.18	8.47	31.8	30.5	2.38	5	95	0.246	E
B1	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:41	7.7	8.50	32.2	30.7	2.22	5	96	0.219	SE
B2	20200629	Sunny	Moderate	Mid-Ebb	B	4.4	17:02	7.35	8.47	32.2	30.5	2.81	4	96	0.242	SE
B2	20200629	Sunny	Moderate	Mid-Ebb	B	4.4	17:02	7.13	8.52	31.5	30.4	2.96	5	96	0.148	SE
B2	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	17:03	6.93	8.63	31.6	30.6	2.45	4	97	0.183	E
B2	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	17:03	7.7	8.37	31.6	30.5	2.22	4	96	0.232	SE
B3	20200629	Sunny	Moderate	Mid-Ebb	B	4.2	16:32	7.7	8.46	32.0	30.7	2.97	6	96	0.187	SE
B3	20200629	Sunny	Moderate	Mid-Ebb	B	4.2	16:32	8.05	8.31	31.4	30.6	3.22	6	97	0.228	E
B3	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:33	6.94	8.63	31.9	30.4	2.44	6	96	0.205	SE
B3	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:33	7.51	8.60	31.7	30.6	2.57	4	96	0.236	SE
B4	20200629	Sunny	Moderate	Mid-Ebb	B	3.1	16:40	6.87	8.35	31.5	30.5	3.2	4	96	0.184	SE
B4	20200629	Sunny	Moderate	Mid-Ebb	B	3.1	16:40	8.29	8.63	31.7	30.5	2.99	5	96	0.229	SE
B4	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:41	7.97	8.62	32.0	30.5	2.3	6	96	0.222	SE
B4	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:41	7.57	8.29	32.0	30.4	2.38	5	96	0.169	SE
C1A	20200629	Sunny	Moderate	Mid-Ebb	B	9.5	16:10	8.18	8.63	31.5	30.6	3.06	4	96	0.218	E
C1A	20200629	Sunny	Moderate	Mid-Ebb	B	9.5	16:10	7.42	8.51	31.8	30.6	2.69	5	97	0.232	SE
C1A	20200629	Sunny	Moderate	Mid-Ebb	M	5.3	16:11	7.14	8.46	32.2	30.5	2.16	5	96	0.191	SE
C1A	20200629	Sunny	Moderate	Mid-Ebb	M	5.3	16:11	8.25	8.37	32.2	30.4	2.2	4	97	0.192	E
C1A	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:12	7.5	8.57	31.5	30.4	2.65	5	96	0.227	SE
C1A	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:12	8.15	8.36	31.7	30.3	2.62	4	96	0.206	SE
C2A	20200629	Sunny	Moderate	Mid-Ebb	B	10.8	16:10	7.01	8.37	31.4	30.3	2.81	5	94	0.19	SE
C2A	20200629	Sunny	Moderate	Mid-Ebb	B	10.8	16:10	7.23	8.30	32.0	30.4	3.09	4	94	0.196	SE
C2A	20200629	Sunny	Moderate	Mid-Ebb	M	5.9	16:11	7.04	8.28	32.1	30.4	2.61	4	93	0.187	SE
C2A	20200629	Sunny	Moderate	Mid-Ebb	M	5.9	16:11	6.93	8.29	31.7	30.3	2.26	4	93	0.224	SE

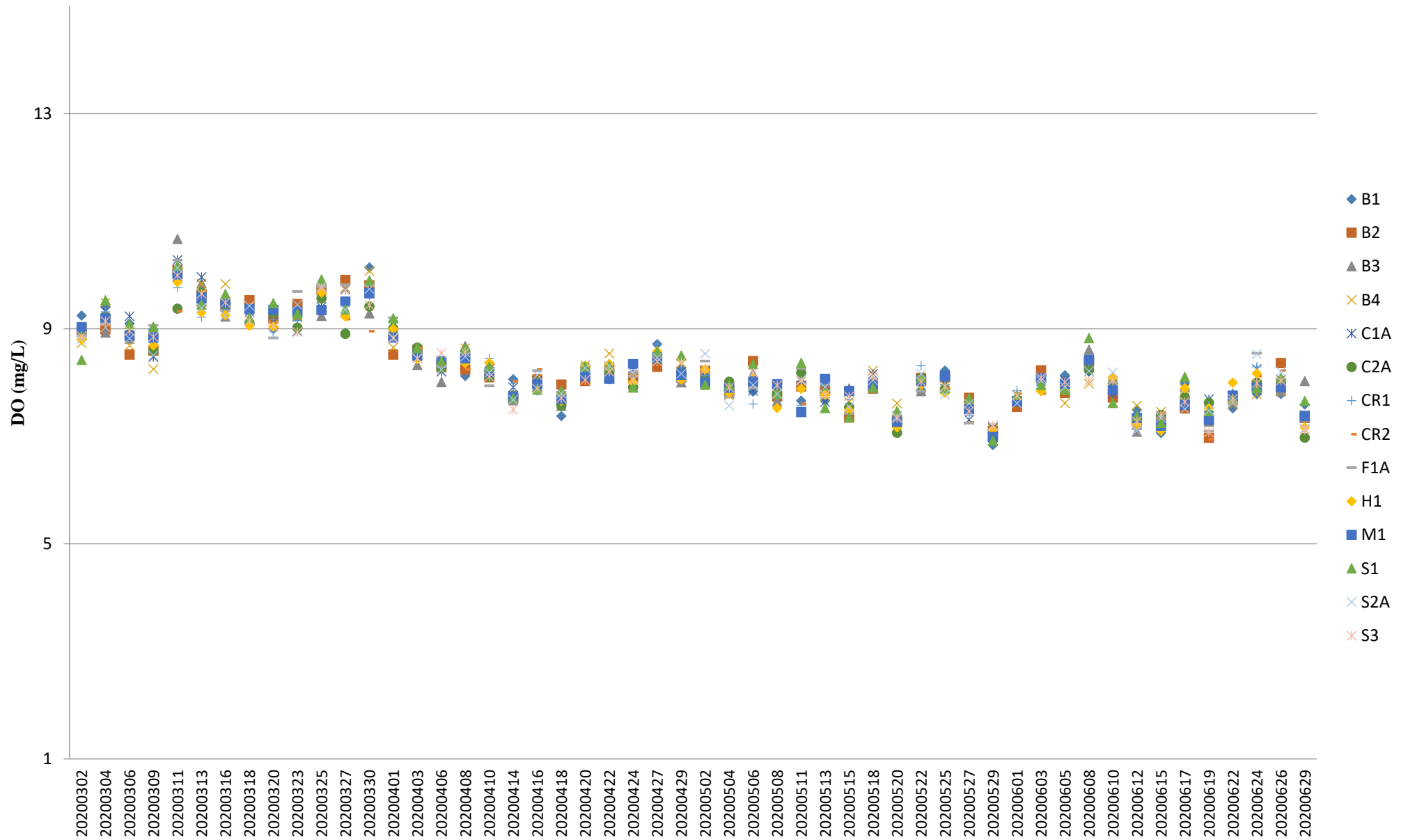
Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1
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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:12	7.13	8.31	31.8	30.4	2.22	5	95	0.217	E
C2A	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:12	7.07	8.44	32.1	30.6	2.29	4	97	0.217	E
CR1	20200629	Sunny	Moderate	Mid-Ebb	B	12.6	18:06	8.06	8.39	32.0	30.1	3.2	4	93	0.199	SE
CR1	20200629	Sunny	Moderate	Mid-Ebb	B	12.6	18:06	8.15	8.39	31.7	30.1	2.88	4	93	0.169	E
CR1	20200629	Sunny	Moderate	Mid-Ebb	M	6.8	18:07	7.99	8.42	31.6	30.4	2.53	4	94	0.187	SE
CR1	20200629	Sunny	Moderate	Mid-Ebb	M	6.8	18:07	7.08	8.34	31.6	30.2	2.19	4	92	0.206	SE
CR1	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	18:08	7.25	8.35	31.9	30.1	2.55	4	93	0.163	SE
CR1	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	18:08	8.13	8.58	32.0	30.2	2.63	4	94	0.199	E
CR2	20200629	Sunny	Moderate	Mid-Ebb	B	10.6	17:45	7.26	8.35	31.5	30.2	3.21	4	92	0.161	E
CR2	20200629	Sunny	Moderate	Mid-Ebb	B	10.6	17:45	7.22	8.55	31.9	30.1	2.62	4	93	0.174	SE
CR2	20200629	Sunny	Moderate	Mid-Ebb	M	5.8	17:46	7.35	8.52	32.2	30.2	2.26	4	94	0.221	E
CR2	20200629	Sunny	Moderate	Mid-Ebb	M	5.8	17:46	7.06	8.40	31.4	30.1	2.41	4	92	0.244	SE
CR2	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	17:47	7.69	8.43	31.8	30.4	2.5	3	94	0.184	SE
CR2	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	17:47	7.14	8.35	31.6	30.4	2.58	4	93	0.237	SE
F1A	20200629	Sunny	Moderate	Mid-Ebb	B	7.2	16:59	8.13	8.50	31.4	30.6	2.88	4	94	0.17	SE
F1A	20200629	Sunny	Moderate	Mid-Ebb	B	7.2	16:59	8	8.40	32.0	30.6	2.89	4	93	0.15	SE
F1A	20200629	Sunny	Moderate	Mid-Ebb	M	4.1	17:00	7.21	8.38	31.7	30.5	2.27	5	93	0.162	E
F1A	20200629	Sunny	Moderate	Mid-Ebb	M	4.1	17:00	7.42	8.58	31.5	30.4	2.22	5	94	0.189	SE
F1A	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	17:01	7.6	8.33	32.2	30.6	2.22	5	93	0.191	SE
F1A	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	17:01	7.25	8.36	31.4	30.6	2.42	4	92	0.156	SE
H1	20200629	Sunny	Moderate	Mid-Ebb	B	6.8	16:23	6.9	8.41	32.2	30.7	3.21	4	96	0.151	SE
H1	20200629	Sunny	Moderate	Mid-Ebb	B	6.8	16:23	7.84	8.41	32.1	30.6	2.91	5	97	0.229	SE
H1	20200629	Sunny	Moderate	Mid-Ebb	M	3.9	16:24	7.04	8.63	31.9	30.7	2.31	4	96	0.234	E
H1	20200629	Sunny	Moderate	Mid-Ebb	M	3.9	16:24	7.2	8.47	31.3	30.5	2.46	5	96	0.189	SE
H1	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:25	7.06	8.61	32.1	30.7	2.19	5	96	0.227	SE
H1	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:25	7.51	8.36	32.0	30.5	2.2	4	96	0.244	SE
M1	20200629	Sunny	Moderate	Mid-Ebb	B	8.8	17:18	8.13	8.53	31.8	30.4	3.16	4	93	0.223	SE
M1	20200629	Sunny	Moderate	Mid-Ebb	B	8.8	17:18	6.89	8.64	31.8	30.2	2.81	4	93	0.22	SE

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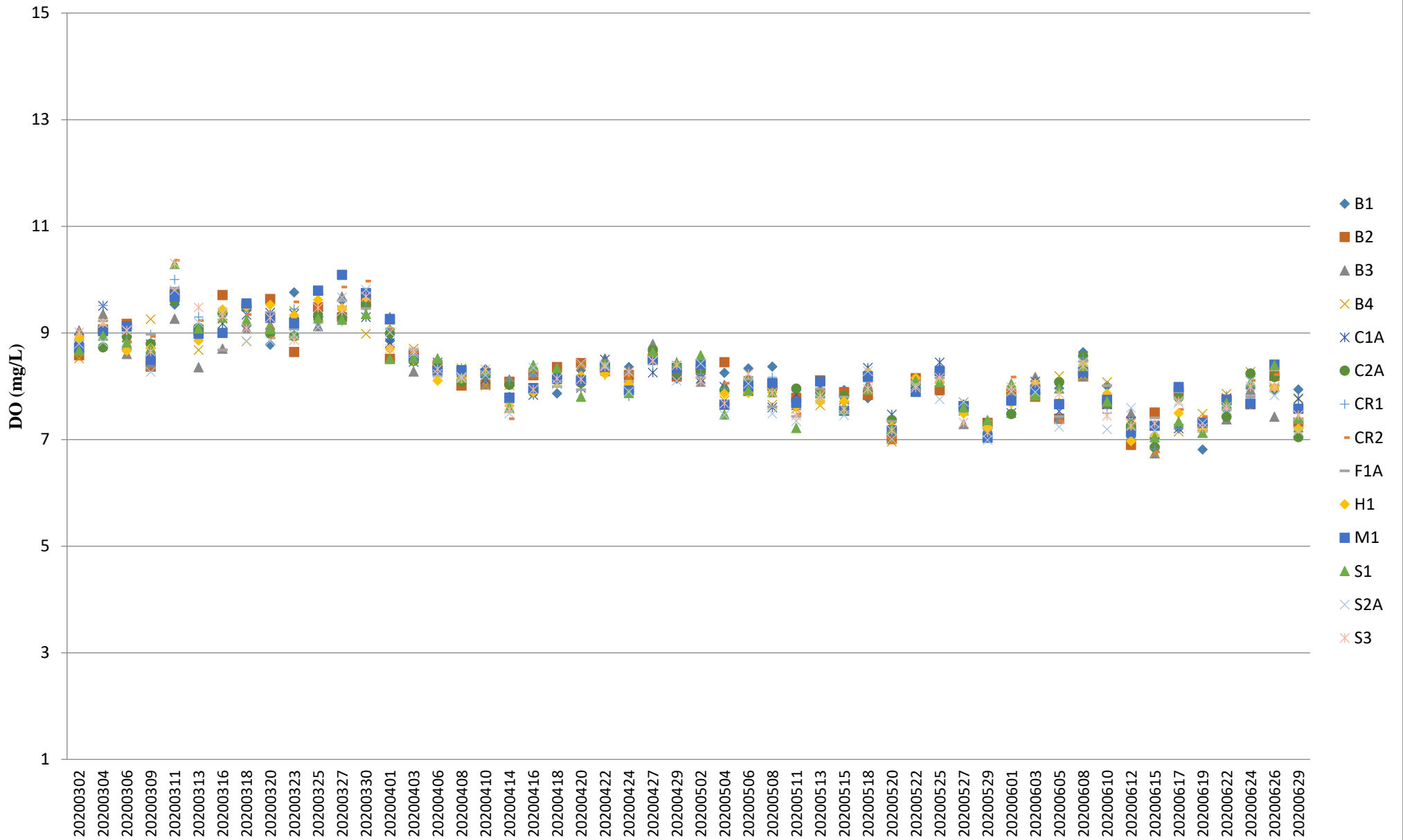
Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20200629	Sunny	Moderate	Mid-Ebb	M	4.9	17:19	7.57	8.54	31.5	30.3	2.2	4	93	0.16	E
M1	20200629	Sunny	Moderate	Mid-Ebb	M	4.9	17:19	8.17	8.42	31.5	30.2	2.67	4	94	0.166	E
M1	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	17:20	7.64	8.60	31.4	30.5	2.16	4	93	0.151	SE
M1	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	17:20	6.92	8.63	31.6	30.3	2.57	4	94	0.202	SE
S1	20200629	Sunny	Moderate	Mid-Ebb	B	4.5	16:54	8.22	8.29	32.1	30.5	3.09	5	93	0.209	SE
S1	20200629	Sunny	Moderate	Mid-Ebb	B	4.5	16:54	7.83	8.27	31.9	30.4	3.19	5	93	0.173	SE
S1	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:55	7.39	8.48	31.4	30.6	2.34	5	92	0.202	SE
S1	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	16:55	7.4	8.31	31.6	30.4	2.31	4	93	0.228	E
S2A	20200629	Sunny	Moderate	Mid-Ebb	B	8.1	17:21	8.2	8.52	31.7	30.1	3.05	4	94	0.208	SE
S2A	20200629	Sunny	Moderate	Mid-Ebb	B	8.1	17:21	7.44	8.43	31.7	30.4	2.76	4	95	0.201	SE
S2A	20200629	Sunny	Moderate	Mid-Ebb	M	4.6	17:22	7.58	8.61	32.0	30.3	2.11	5	95	0.246	E
S2A	20200629	Sunny	Moderate	Mid-Ebb	M	4.6	17:22	7.88	8.37	32.1	30.3	2.57	4	95	0.224	SE
S2A	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	17:23	6.82	8.51	31.4	30.4	2.23	4	92	0.226	E
S2A	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	17:23	7.49	8.63	31.4	30.1	2.34	4	93	0.237	E
S3	20200629	Sunny	Moderate	Mid-Ebb	B	10.1	17:55	7.08	8.54	31.8	30.2	3.12	3	93	0.201	E
S3	20200629	Sunny	Moderate	Mid-Ebb	B	10.1	17:55	7.23	8.44	31.5	30.2	2.96	4	93	0.24	SE
S3	20200629	Sunny	Moderate	Mid-Ebb	M	5.6	17:56	7.99	8.32	31.5	30.1	2.67	4	94	0.155	SE
S3	20200629	Sunny	Moderate	Mid-Ebb	M	5.6	17:56	7.43	8.37	31.9	30.1	2.23	4	93	0.244	SE
S3	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	17:57	7.21	8.27	32.1	30.1	2.47	4	94	0.244	E
S3	20200629	Sunny	Moderate	Mid-Ebb	S	1.0	17:57	7.19	8.56	31.4	30.2	2.3	4	94	0.21	E
Remarks:																
Note 1: S - Surface		M - Middle		B - Bottom												
Note 2: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.																

Dissolved Oxygen (Surface & Middle) during MID-FLOOD



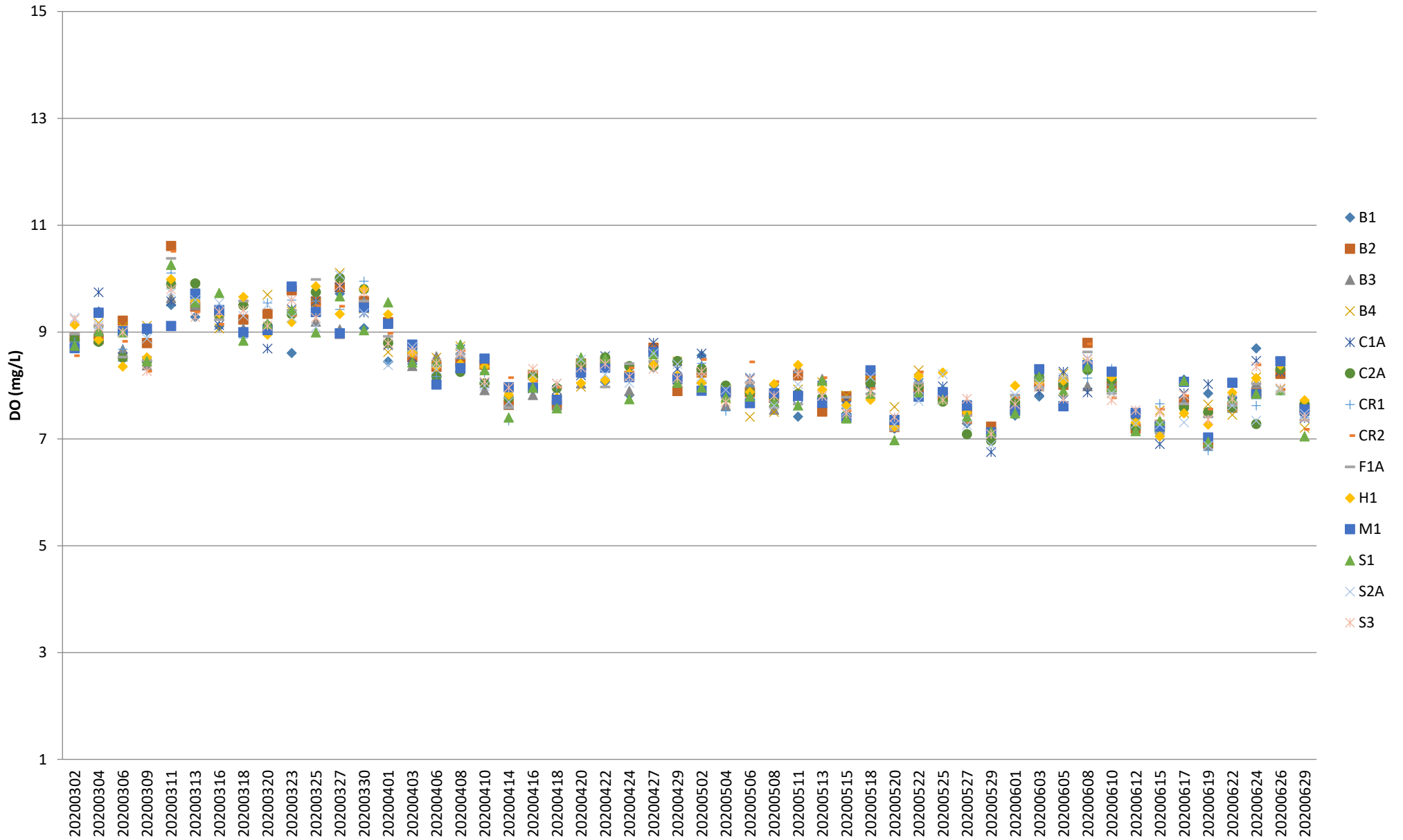
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Dissolved Oxygen (Surface & Middle) during MID-EBB



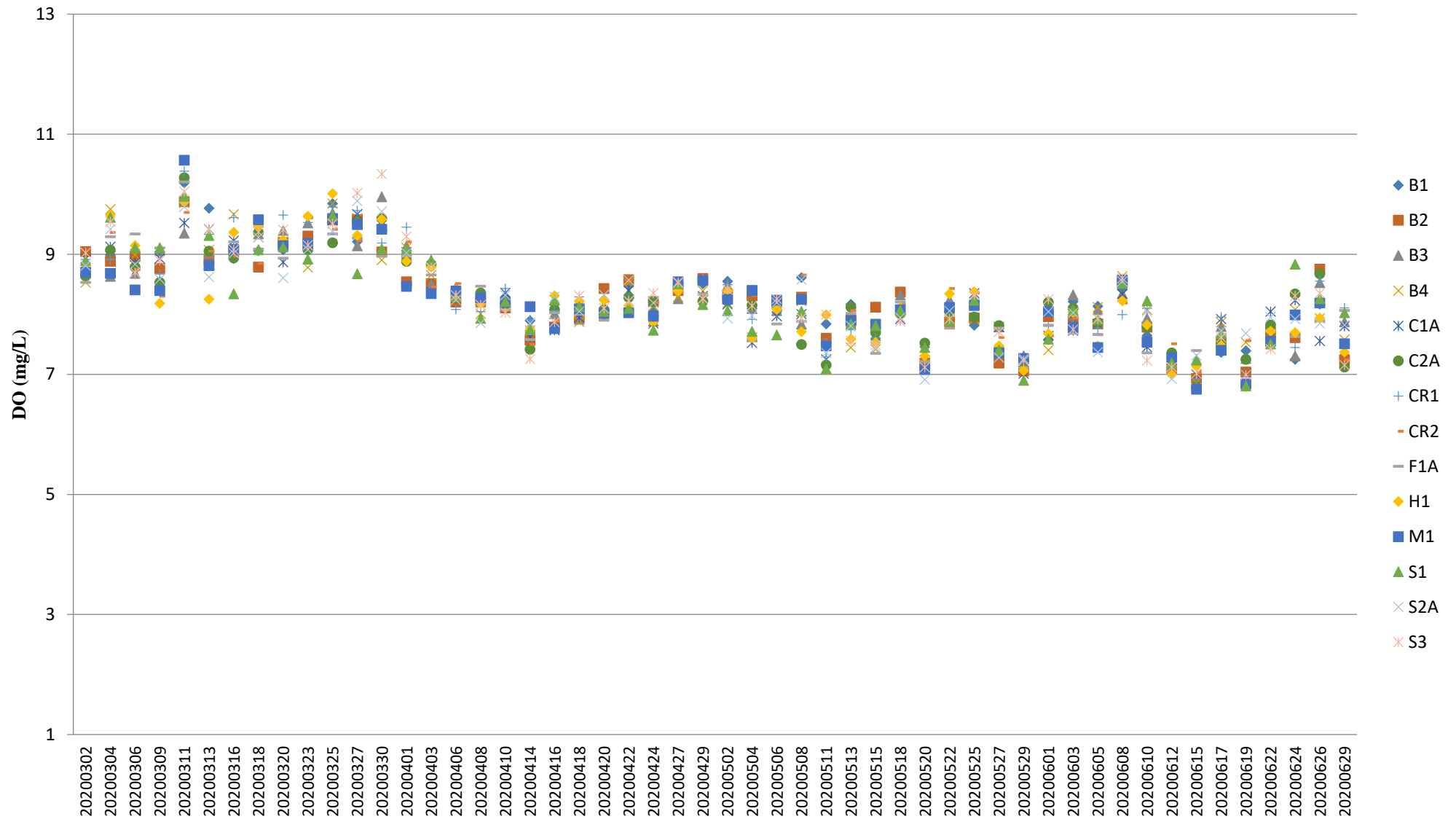
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-FLOOD



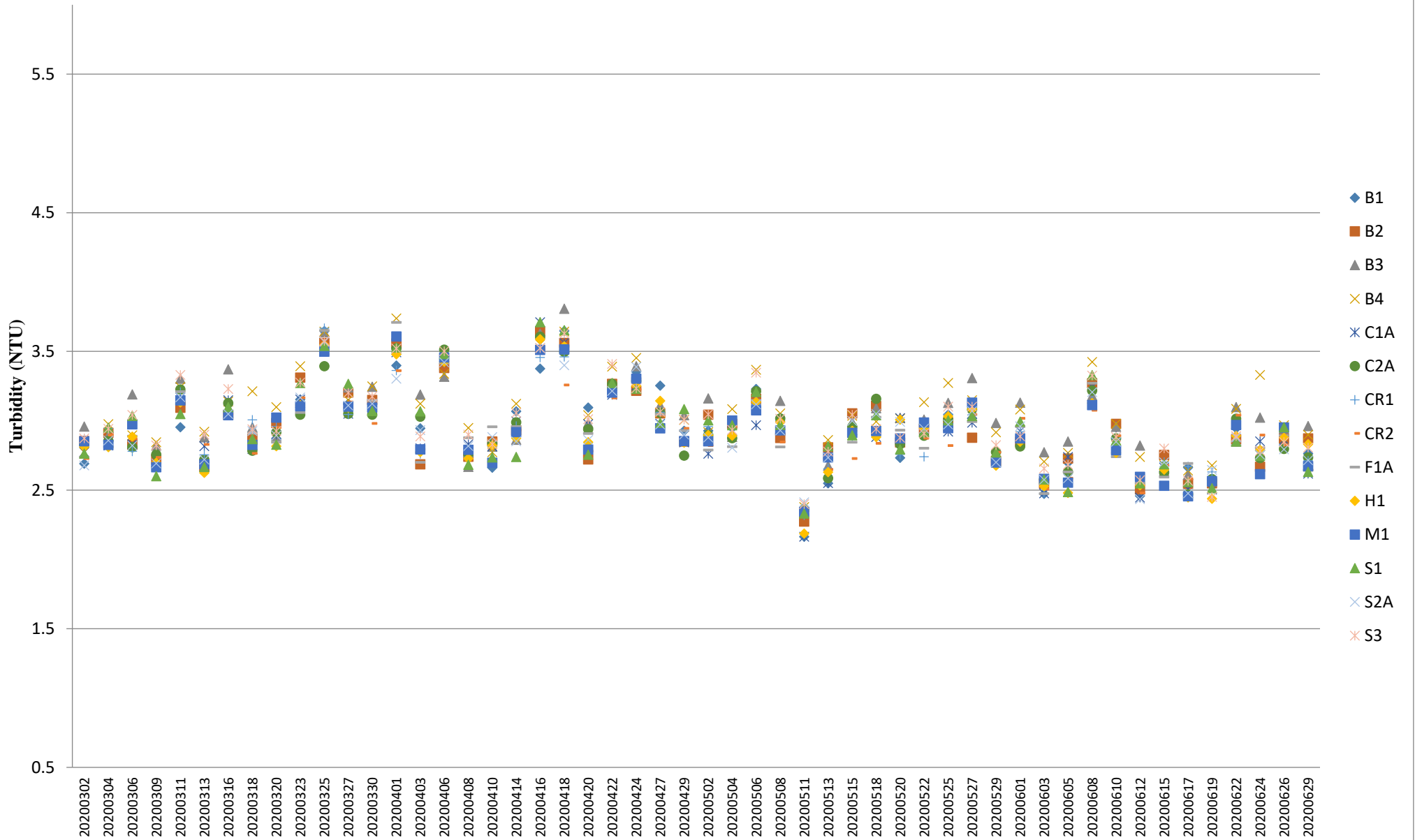
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-EBB



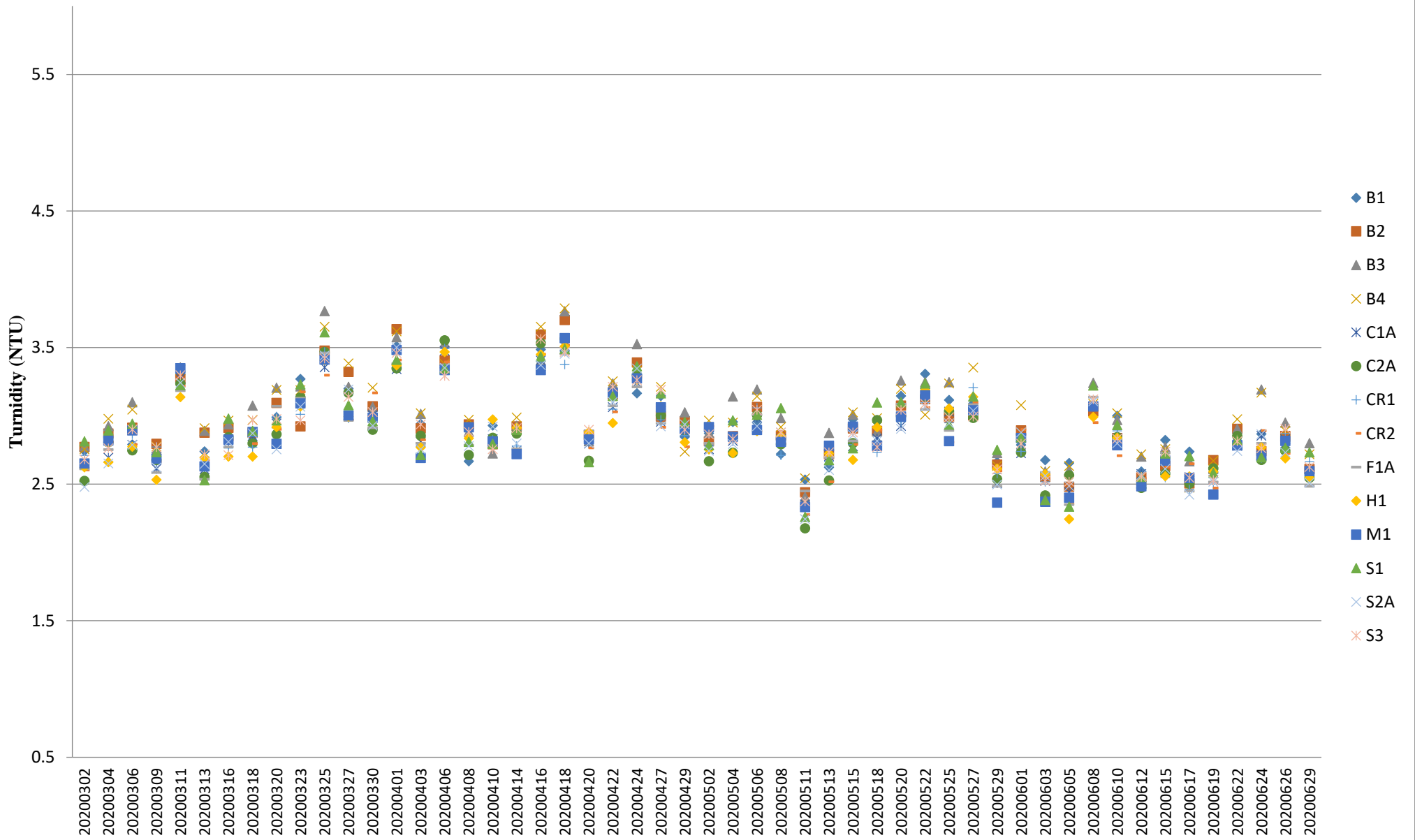
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Turbidity (Depth-averaged) during MID-FLOOD



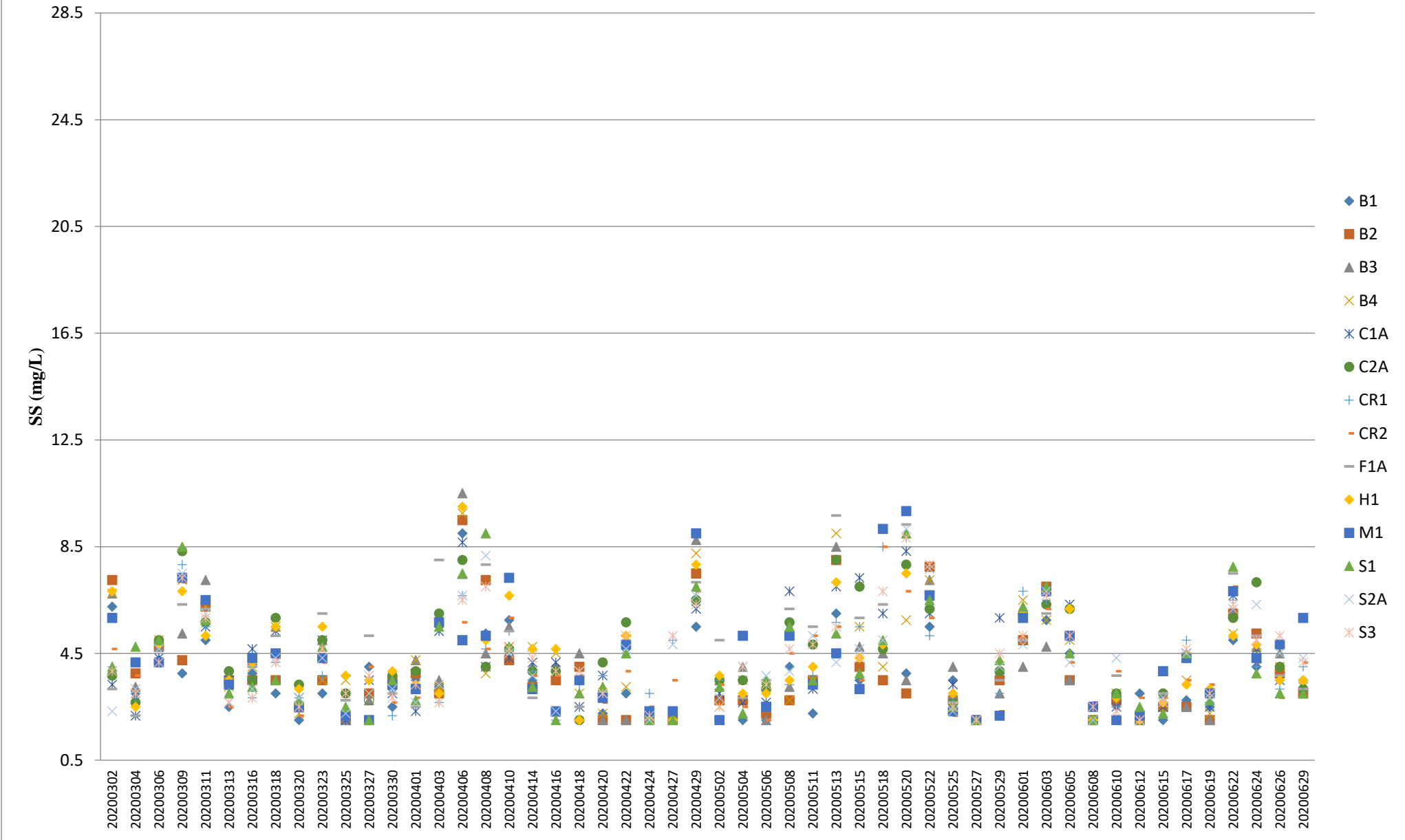
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Turbidity (Depth-averaged) during MID-EBB



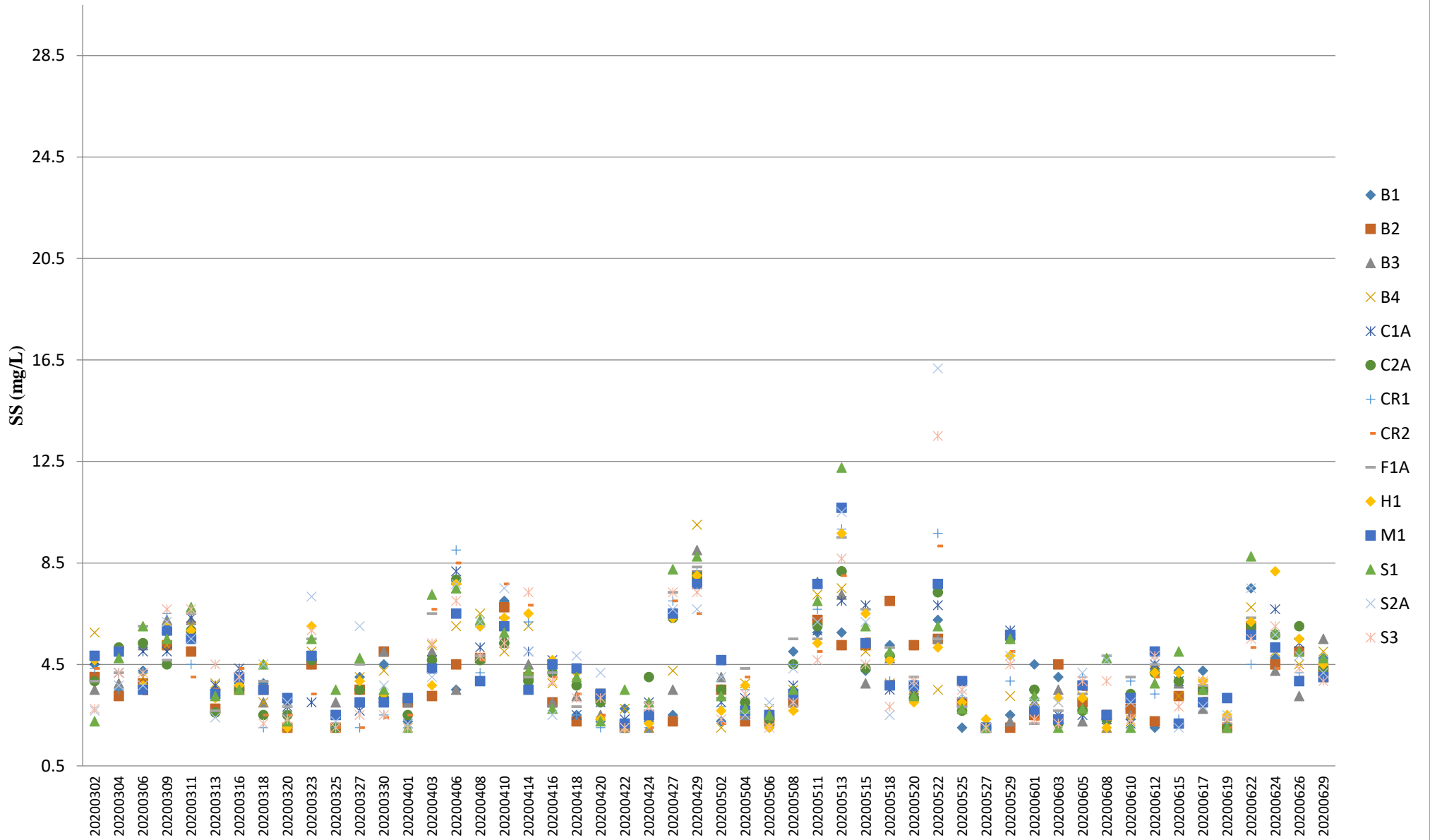
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-FLOOD



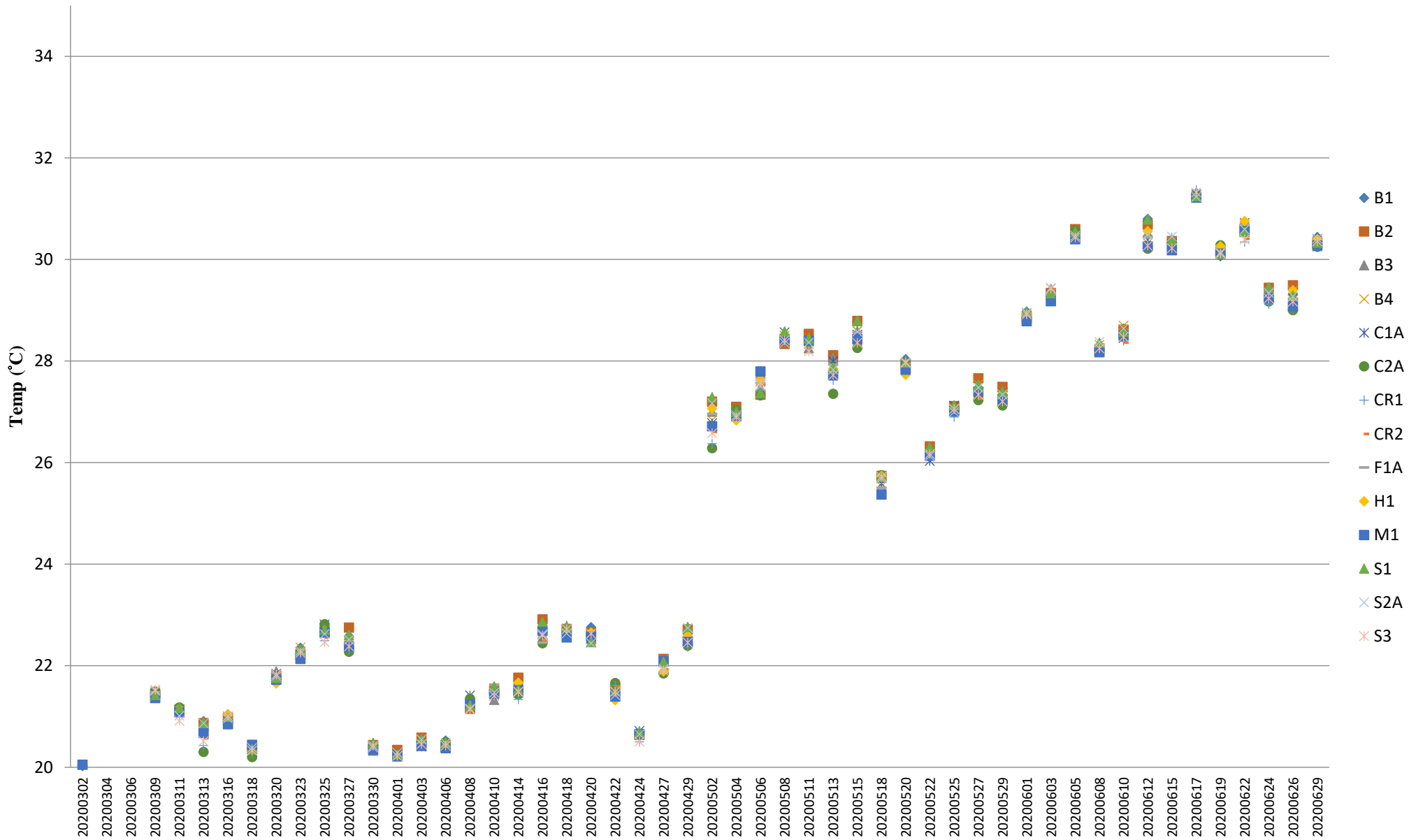
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-EBB



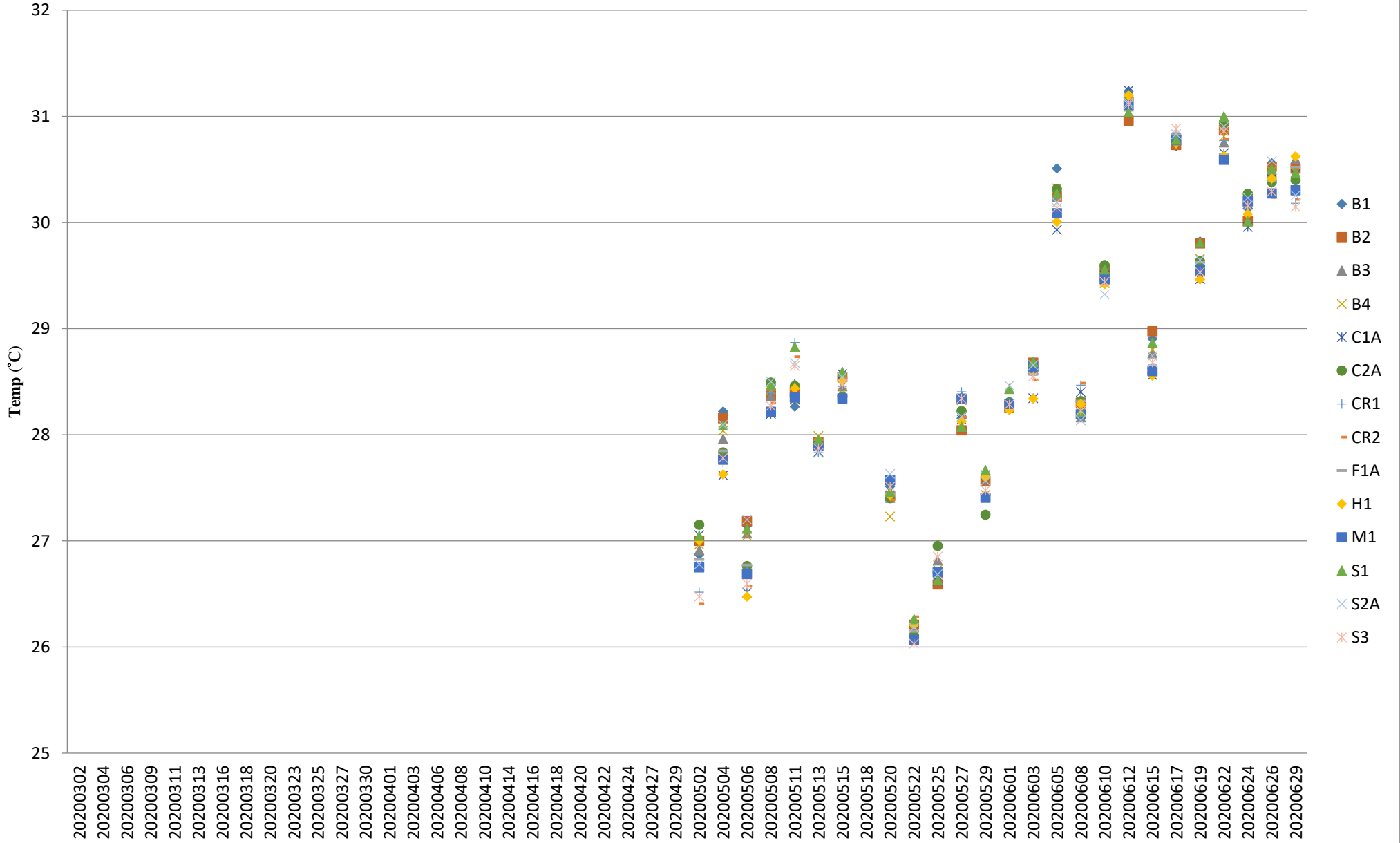
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Temperature (Depth-averaged) during MID-FLOOD



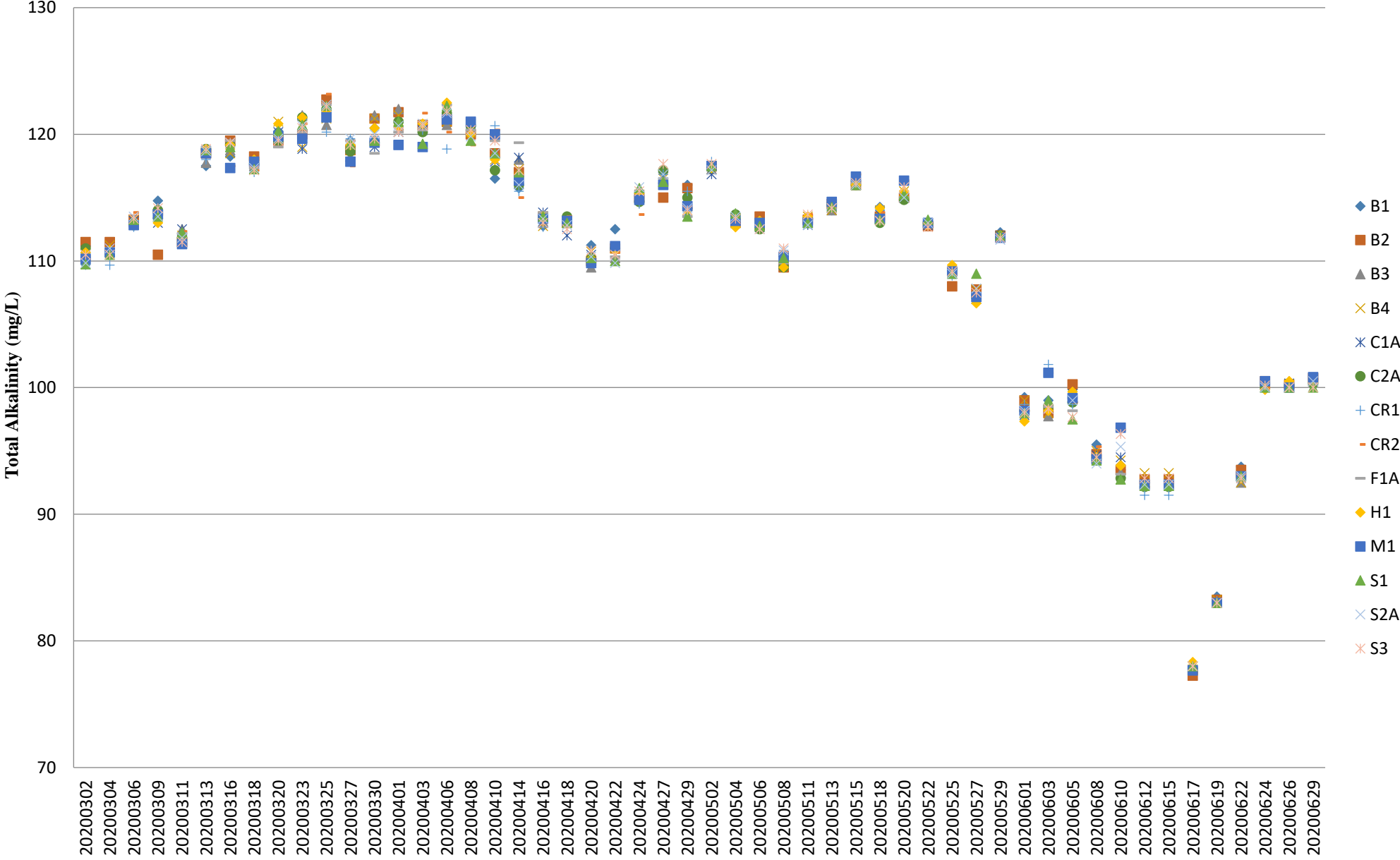
Note: The Action and Limit Level of temperature can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Temperature (Depth-averaged) during MID-EBB



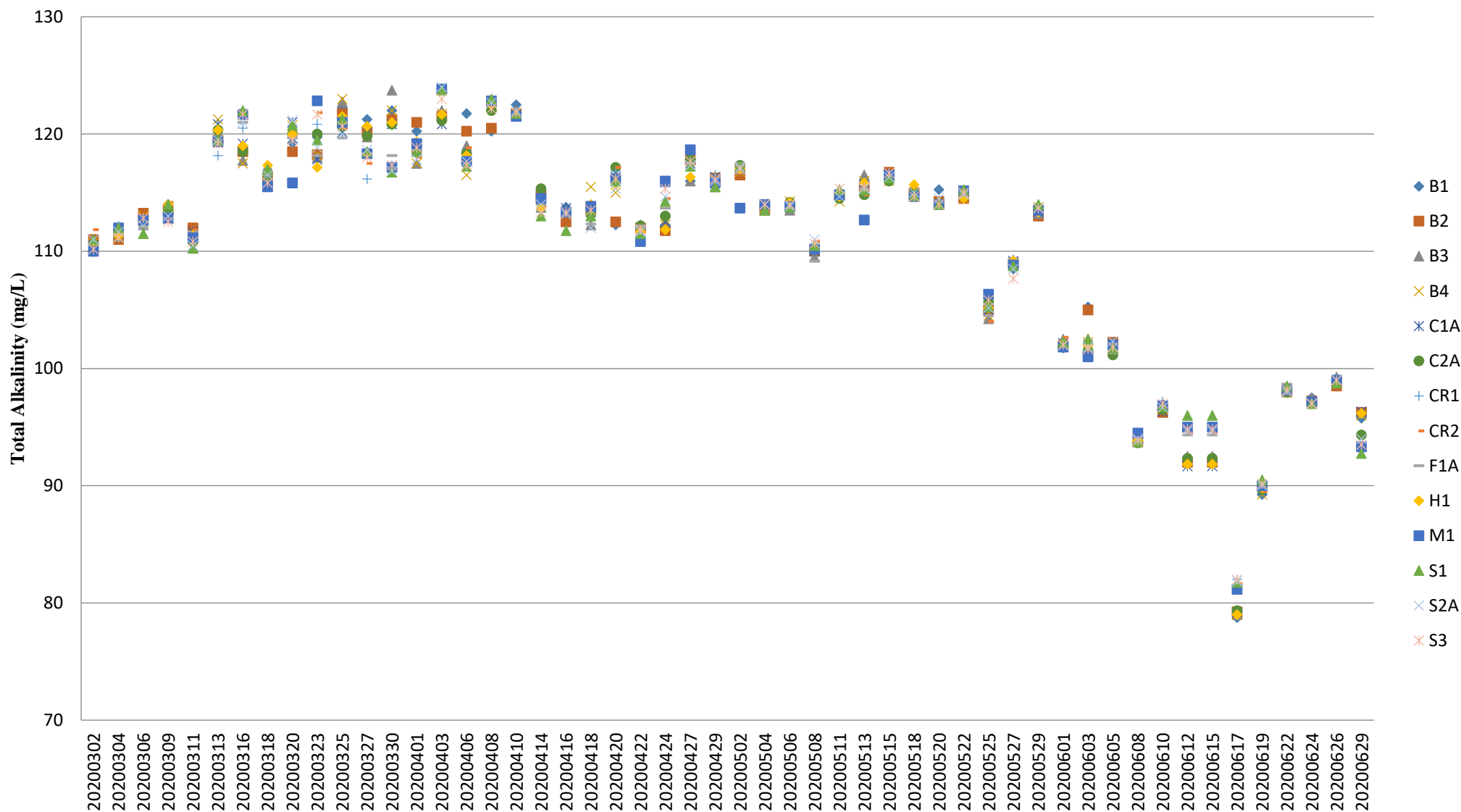
Note: The Action and Limit Level of temperature can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

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.