

Appendix D Water Quality Monitoring Data

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B1	20200401	Cloudy	Moderate	Mid-Flood	B	4.6	10:38	8.45	8.31	30.84	20.36	3.88	4	122	0.203	W
B1	20200401	Cloudy	Moderate	Mid-Flood	B	4.6	10:38	8.44	8.36	30.95	20.23	3.74	3	123	0.266	W
B1	20200401	Cloudy	Moderate	Mid-Flood	S	1	10:39	8.36	8.36	31.11	20.33	2.97	4	121	0.244	W
B1	20200401	Cloudy	Moderate	Mid-Flood	S	1	10:39	9.47	8.28	30.7	20.26	3	3	120	0.28	NW
B2	20200401	Cloudy	Moderate	Mid-Flood	B	4.2	10:56	9.1	8.37	30.9	20.38	3.63	4	123	0.184	W
B2	20200401	Cloudy	Moderate	Mid-Flood	B	4.2	10:56	9.26	8.57	31.12	20.4	3.88	4	121	0.191	W
B2	20200401	Cloudy	Moderate	Mid-Flood	S	1	10:57	8.78	8.41	30.78	20.43	3.47	3	122	0.268	W
B2	20200401	Cloudy	Moderate	Mid-Flood	S	1	10:57	8.26	8.49	30.84	20.16	3.25	4	121	0.26	NW
B3	20200401	Cloudy	Moderate	Mid-Flood	B	4	10:12	8.45	8.42	30.86	20.2	4.09	3	122	0.282	W
B3	20200401	Cloudy	Moderate	Mid-Flood	B	4	10:12	9.27	8.46	30.73	20.3	3.8	4	123	0.242	W
B3	20200401	Cloudy	Moderate	Mid-Flood	S	1	10:13	8.6	8.56	30.87	20.23	3.15	5	121	0.272	W
B3	20200401	Cloudy	Moderate	Mid-Flood	S	1	10:13	9.31	8.27	31.15	20.36	3.01	5	122	0.272	W
B4	20200401	Cloudy	Moderate	Mid-Flood	B	4.3	10:02	8.28	8.26	30.87	20.23	4.15	3	121	0.205	W
B4	20200401	Cloudy	Moderate	Mid-Flood	B	4.3	10:02	8.96	8.34	31.08	20.19	3.85	4	121	0.244	W
B4	20200401	Cloudy	Moderate	Mid-Flood	S	1	10:03	8.96	8.57	30.9	20.28	3.49	5	122	0.246	W
B4	20200401	Cloudy	Moderate	Mid-Flood	S	1	10:03	8.34	8.42	31.11	20.24	3.46	5	122	0.19	W
C1A	20200401	Cloudy	Moderate	Mid-Flood	B	9.7	9:04	9.24	8.5	30.83	20.26	3.72	<2	120	0.199	W
C1A	20200401	Cloudy	Moderate	Mid-Flood	B	9.7	9:04	8.27	8.4	30.9	20.35	4.01	2	118	0.178	NW
C1A	20200401	Cloudy	Moderate	Mid-Flood	M	5.35	9:05	8.48	8.4	30.74	20.27	3.22	3	121	0.194	W
C1A	20200401	Cloudy	Moderate	Mid-Flood	M	5.35	9:05	9.56	8.54	31.09	20.12	3.47	<2	122	0.195	NW
C1A	20200401	Cloudy	Moderate	Mid-Flood	S	1	9:06	8.83	8.49	31.07	20.29	3.03	<2	120	0.268	W
C1A	20200401	Cloudy	Moderate	Mid-Flood	S	1	9:06	9.38	8.49	31.01	20.35	3.51	3	120	0.268	W
C2A	20200401	Cloudy	Moderate	Mid-Flood	B	11	8:00	8.91	8.42	31.09	20.2	3.65	4	122	0.208	W
C2A	20200401	Cloudy	Moderate	Mid-Flood	B	11	8:00	8.67	8.63	30.71	20.12	3.84	3	121	0.181	W
C2A	20200401	Cloudy	Moderate	Mid-Flood	M	6	8:01	8.97	8.34	31.04	20.15	3.41	4	122	0.259	W
C2A	20200401	Cloudy	Moderate	Mid-Flood	M	6	8:01	9.31	8.52	30.86	20.19	3.51	3	122	0.207	W
C2A	20200401	Cloudy	Moderate	Mid-Flood	S	1	8:02	8.69	8.43	30.78	20.36	3.27	4	120	0.183	W
C2A	20200401	Cloudy	Moderate	Mid-Flood	S	1	8:02	9.05	8.58	30.81	20.31	3.44	5	119	0.199	W

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CR1	20200401	Cloudy	Moderate	Mid-Flood	B	12.1	8:19	8.56	8.63	30.87	20.12	3.64	3	120	0.199	W
CR1	20200401	Cloudy	Moderate	Mid-Flood	B	12.1	8:19	8.3	8.62	31.03	20.36	3.93	2	119	0.212	W
CR1	20200401	Cloudy	Moderate	Mid-Flood	M	6.55	8:20	8.42	8.56	31	20.14	3.12	3	120	0.209	W
CR1	20200401	Cloudy	Moderate	Mid-Flood	M	6.55	8:20	9.2	8.54	30.75	20.31	3.37	2	123	0.187	W
CR1	20200401	Cloudy	Moderate	Mid-Flood	S	1	8:21	9.41	8.27	30.93	20.18	2.94	4	121	0.248	NW
CR1	20200401	Cloudy	Moderate	Mid-Flood	S	1	8:21	9.57	8.55	30.78	20.14	3.17	5	118	0.184	W
CR2	20200401	Cloudy	Moderate	Mid-Flood	B	10.7	8:36	8.47	8.41	31.06	20.14	3.59	4	119	0.279	W
CR2	20200401	Cloudy	Moderate	Mid-Flood	B	10.7	8:36	9.48	8.38	30.78	20.26	4.04	3	122	0.259	W
CR2	20200401	Cloudy	Moderate	Mid-Flood	M	5.85	8:37	8.98	8.37	30.82	20.12	3.46	2	122	0.193	W
CR2	20200401	Cloudy	Moderate	Mid-Flood	M	5.85	8:37	8.73	8.45	31.11	20.2	3.15	3	120	0.212	NW
CR2	20200401	Cloudy	Moderate	Mid-Flood	S	1	8:38	8.89	8.6	31	20.27	2.96	<2	118	0.281	W
CR2	20200401	Cloudy	Moderate	Mid-Flood	S	1	8:38	9.38	8.34	30.99	20.17	2.96	3	121	0.216	W
F1A	20200401	Cloudy	Moderate	Mid-Flood	B	7.7	9:38	9.12	8.5	31.09	20.21	4.04	4	119	0.275	W
F1A	20200401	Cloudy	Moderate	Mid-Flood	B	7.7	9:38	8.71	8.29	30.74	20.22	3.96	3	120	0.252	W
F1A	20200401	Cloudy	Moderate	Mid-Flood	M	4.35	9:39	9.45	8.55	30.75	20.22	3.69	2	120	0.211	W
F1A	20200401	Cloudy	Moderate	Mid-Flood	M	4.35	9:39	8.98	8.28	30.99	20.13	3.69	2	121	0.193	NW
F1A	20200401	Cloudy	Moderate	Mid-Flood	S	1	9:40	9.16	8.61	30.86	20.11	3.35	<2	120	0.186	W
F1A	20200401	Cloudy	Moderate	Mid-Flood	S	1	9:40	9.22	8.63	31.09	20.21	3.52	<2	121	0.246	W
H1	20200401	Cloudy	Moderate	Mid-Flood	B	6.6	9:38	9.44	8.6	30.72	20.22	3.93	3	121	0.208	W
H1	20200401	Cloudy	Moderate	Mid-Flood	B	6.6	9:38	9.21	8.39	30.95	20.14	3.47	2	122	0.216	NW
H1	20200401	Cloudy	Moderate	Mid-Flood	M	3.8	9:39	8.64	8.35	30.76	20.24	3.34	3	120	0.254	NW
H1	20200401	Cloudy	Moderate	Mid-Flood	M	3.8	9:39	9.55	8.25	30.78	20.16	3.51	4	120	0.185	W
H1	20200401	Cloudy	Moderate	Mid-Flood	S	1	9:40	8.76	8.31	31.1	20.29	3.52	4	119	0.227	NW
H1	20200401	Cloudy	Moderate	Mid-Flood	S	1	9:40	9.03	8.3	31.08	20.32	3.1	4	122	0.22	NW
M1	20200401	Cloudy	Moderate	Mid-Flood	B	7.4	9:17	9.21	8.58	30.76	20.18	3.95	3	119	0.224	W
M1	20200401	Cloudy	Moderate	Mid-Flood	B	7.4	9:17	9.09	8.43	30.77	20.17	3.74	3	118	0.248	W
M1	20200401	Cloudy	Moderate	Mid-Flood	M	4.2	9:18	8.6	8.52	31.07	20.13	3.63	3	118	0.253	NW
M1	20200401	Cloudy	Moderate	Mid-Flood	M	4.2	9:18	8.77	8.27	31.09	20.19	3.65	2	119	0.257	NW

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M1	20200401	Cloudy	Moderate	Mid-Flood	S	1	9:19	9.53	8.49	30.78	20.33	3.41	4	121	0.245	W
M1	20200401	Cloudy	Moderate	Mid-Flood	S	1	9:19	8.43	8.32	31.05	20.27	3.26	4	120	0.183	NW
S1	20200401	Cloudy	Moderate	Mid-Flood	B	4.5	10:47	9.5	8.56	30.78	20.32	3.87	3	121	0.183	W
S1	20200401	Cloudy	Moderate	Mid-Flood	B	4.5	10:47	9.61	8.46	30.92	20.2	3.65	3	121	0.277	W
S1	20200401	Cloudy	Moderate	Mid-Flood	S	1	10:48	9.17	8.37	31.01	20.15	3.32	2	121	0.271	W
S1	20200401	Cloudy	Moderate	Mid-Flood	S	1	10:48	9.22	8.53	31.05	20.35	3.27	3	121	0.178	NW
S2A	20200401	Cloudy	Moderate	Mid-Flood	B	8.7	10:25	8.27	8.27	30.98	20.35	3.48	3	120	0.259	W
S2A	20200401	Cloudy	Moderate	Mid-Flood	B	8.7	10:25	8.48	8.6	30.79	20.18	3.57	3	122	0.197	W
S2A	20200401	Cloudy	Moderate	Mid-Flood	M	4.85	10:26	8.38	8.41	30.8	20.34	3.44	3	119	0.239	W
S2A	20200401	Cloudy	Moderate	Mid-Flood	M	4.85	10:26	8.41	8.52	30.96	20.25	3.23	2	121	0.179	NW
S2A	20200401	Cloudy	Moderate	Mid-Flood	S	1	10:27	9.24	8.35	31.15	20.19	3.09	3	122	0.207	NW
S2A	20200401	Cloudy	Moderate	Mid-Flood	S	1	10:27	9.25	8.33	31	20.42	3	2	120	0.274	W
S3	20200401	Cloudy	Moderate	Mid-Flood	B	8.3	8:45	8.66	8.25	30.76	20.27	3.94	4	121	0.233	W
S3	20200401	Cloudy	Moderate	Mid-Flood	B	8.3	8:45	8.91	8.44	31.15	20.16	4.08	3	121	0.274	W
S3	20200401	Cloudy	Moderate	Mid-Flood	M	4.65	8:46	8.85	8.55	30.87	20.35	3.13	3	119	0.191	W
S3	20200401	Cloudy	Moderate	Mid-Flood	M	4.65	8:46	8.86	8.36	30.77	20.1	3.53	3	119	0.24	NW
S3	20200401	Cloudy	Moderate	Mid-Flood	S	1	8:47	9.31	8.61	30.79	20.27	3.26	4	120	0.229	W
S3	20200401	Cloudy	Moderate	Mid-Flood	S	1	8:47	8.32	8.54	31.05	20.18	3.18	3	121	0.282	W
B1	20200401	Cloudy	Moderate	Mid-Ebb	B	3.6	13:48	9.06	8.32	30.82	20.38	3.71	2	122	0.219	SE
B1	20200401	Cloudy	Moderate	Mid-Ebb	B	3.6	13:48	8.82	8.61	30.68	20.39	3.71	<2	122	0.201	SE
B1	20200401	Cloudy	Moderate	Mid-Ebb	S	1	13:49	9.44	8.56	30.65	20.46	3.23	3	118	0.189	E
B1	20200401	Cloudy	Moderate	Mid-Ebb	S	1	13:49	8.27	8.56	30.68	20.57	3.39	2	119	0.257	SE
B2	20200401	Cloudy	Moderate	Mid-Ebb	B	4	13:30	8.6	8.6	30.9	20.43	3.95	3	122	0.257	SE
B2	20200401	Cloudy	Moderate	Mid-Ebb	B	4	13:30	8.48	8.38	30.89	20.55	3.82	3	121	0.232	SE
B2	20200401	Cloudy	Moderate	Mid-Ebb	S	1	13:31	8.68	8.64	30.59	20.48	3.38	2	119	0.25	E
B2	20200401	Cloudy	Moderate	Mid-Ebb	S	1	13:31	8.34	8.4	30.54	20.52	3.39	4	122	0.2	SE
B3	20200401	Cloudy	Moderate	Mid-Ebb	B	4.5	14:14	9.21	8.44	30.58	20.49	3.87	3	120	0.219	E
B3	20200401	Cloudy	Moderate	Mid-Ebb	B	4.5	14:14	9.06	8.36	30.73	20.48	3.92	<2	117	0.258	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B3	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:15	9.21	8.33	30.58	20.51	3.22	4	115	0.177	E
B3	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:15	9.38	8.26	30.86	20.43	3.29	3	118	0.183	E
B4	20200401	Cloudy	Moderate	Mid-Ebb	B	3.3	14:21	8.98	8.38	30.63	20.48	4.04	2	117	0.208	SE
B4	20200401	Cloudy	Moderate	Mid-Ebb	B	3.3	14:21	9.24	8.36	30.77	20.38	3.85	2	119	0.282	E
B4	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:22	8.75	8.33	30.8	20.5	3.43	<2	116	0.251	E
B4	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:22	9.54	8.48	30.53	20.37	3.15	2	118	0.206	SE
C1A	20200401	Cloudy	Moderate	Mid-Ebb	B	8.9	13:30	8.55	8.63	30.66	20.59	3.72	<2	119	0.203	E
C1A	20200401	Cloudy	Moderate	Mid-Ebb	B	8.9	13:30	9.52	8.38	30.67	20.44	3.62	2	116	0.22	E
C1A	20200401	Cloudy	Moderate	Mid-Ebb	M	4.95	13:31	9.13	8.62	30.87	20.48	3.37	2	120	0.264	E
C1A	20200401	Cloudy	Moderate	Mid-Ebb	M	4.95	13:31	8.38	8.46	30.52	20.58	3.26	2	119	0.204	SE
C1A	20200401	Cloudy	Moderate	Mid-Ebb	S	1	13:32	9.17	8.34	30.76	20.54	2.98	3	119	0.208	E
C1A	20200401	Cloudy	Moderate	Mid-Ebb	S	1	13:32	8.56	8.4	30.86	20.47	3.1	<2	119	0.208	SE
C2A	20200401	Cloudy	Moderate	Mid-Ebb	B	11.5	14:51	9.07	8.52	30.85	20.55	3.65	2	117	0.178	SE
C2A	20200401	Cloudy	Moderate	Mid-Ebb	B	11.5	14:51	8.69	8.53	30.71	20.56	3.83	<2	118	0.255	SE
C2A	20200401	Cloudy	Moderate	Mid-Ebb	M	6.25	14:52	9.41	8.61	30.62	20.41	3.09	3	119	0.281	SE
C2A	20200401	Cloudy	Moderate	Mid-Ebb	M	6.25	14:52	9.37	8.52	30.61	20.38	3.09	3	120	0.279	E
C2A	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:53	8.58	8.48	30.78	20.59	3.12	3	118	0.274	SE
C2A	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:53	8.6	8.38	30.76	20.51	3.31	<2	119	0.252	SE
CR1	20200401	Cloudy	Moderate	Mid-Ebb	B	11.5	14:32	9.44	8.44	30.92	20.42	3.77	2	119	0.214	SE
CR1	20200401	Cloudy	Moderate	Mid-Ebb	B	11.5	14:32	9.46	8.37	30.6	20.53	4.05	<2	118	0.252	SE
CR1	20200401	Cloudy	Moderate	Mid-Ebb	M	6.25	14:33	9.51	8.41	30.95	20.51	3.26	2	118	0.246	SE
CR1	20200401	Cloudy	Moderate	Mid-Ebb	M	6.25	14:33	8.76	8.5	30.51	20.49	3.14	<2	119	0.199	E
CR1	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:34	9.47	8.39	30.84	20.55	3.01	2	120	0.18	SE
CR1	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:34	8.6	8.34	30.53	20.56	2.95	<2	120	0.229	SE
CR2	20200401	Cloudy	Moderate	Mid-Ebb	B	10.8	14:12	8.9	8.38	30.89	20.49	3.64	4	116	0.253	SE
CR2	20200401	Cloudy	Moderate	Mid-Ebb	B	10.8	14:12	9.51	8.45	30.67	20.46	3.76	3	119	0.275	E
CR2	20200401	Cloudy	Moderate	Mid-Ebb	M	5.9	14:13	9.45	8.36	30.64	20.5	3.38	<2	119	0.216	SE
CR2	20200401	Cloudy	Moderate	Mid-Ebb	M	5.9	14:13	8.35	8.65	30.63	20.47	3.03	<2	119	0.268	SE

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CR2	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:14	9.52	8.66	30.69	20.54	3.36	2	118	0.2	E
CR2	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:14	8.97	8.39	30.56	20.4	3.28	<2	117	0.244	SE
F1A	20200401	Cloudy	Moderate	Mid-Ebb	B	7.1	14:43	8.86	8.54	30.67	20.49	4	<2	119	0.281	SE
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F1A	20200401	Cloudy	Moderate	Mid-Ebb	M	4.05	14:44	9.22	8.63	30.51	20.5	3.05	4	116	0.278	SE
F1A	20200401	Cloudy	Moderate	Mid-Ebb	M	4.05	14:44	8.64	8.56	30.82	20.45	3.18	4	119	0.254	SE
F1A	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:45	9.45	8.28	30.51	20.46	3.11	4	119	0.233	E
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H1	20200401	Cloudy	Moderate	Mid-Ebb	B	7.9	13:54	8.24	8.3	30.74	20.48	3.8	2	120	0.278	SE
H1	20200401	Cloudy	Moderate	Mid-Ebb	B	7.9	13:54	9.53	8.45	30.77	20.51	3.71	4	118	0.202	E
H1	20200401	Cloudy	Moderate	Mid-Ebb	M	4.45	13:55	8.89	8.31	30.92	20.37	3.1	3	120	0.197	SE
H1	20200401	Cloudy	Moderate	Mid-Ebb	M	4.45	13:55	8.8	8.54	30.71	20.49	2.98	4	119	0.201	SE
H1	20200401	Cloudy	Moderate	Mid-Ebb	S	1	13:56	8.58	8.27	30.63	20.48	3.1	3	119	0.188	SE
H1	20200401	Cloudy	Moderate	Mid-Ebb	S	1	13:56	8.53	8.54	30.61	20.59	3.53	3	120	0.187	E
M1	20200401	Cloudy	Moderate	Mid-Ebb	B	8.9	15:04	8.42	8.28	30.74	20.4	3.69	4	120	0.245	SE
M1	20200401	Cloudy	Moderate	Mid-Ebb	B	8.9	15:04	8.51	8.26	30.62	20.55	3.88	3	120	0.236	SE
M1	20200401	Cloudy	Moderate	Mid-Ebb	M	4.95	15:05	9.34	8.6	30.9	20.53	3.01	3	119	0.244	E
M1	20200401	Cloudy	Moderate	Mid-Ebb	M	4.95	15:05	9.07	8.58	30.77	20.53	3.43	3	117	0.204	SE
M1	20200401	Cloudy	Moderate	Mid-Ebb	S	1	15:06	9.54	8.38	30.83	20.44	3.53	3	119	0.224	SE
M1	20200401	Cloudy	Moderate	Mid-Ebb	S	1	15:06	9.09	8.56	30.93	20.48	3.35	3	120	0.212	SE
S1	20200401	Cloudy	Moderate	Mid-Ebb	B	3.9	13:40	9.14	8.48	30.97	20.39	3.5	<2	118	0.24	E
S1	20200401	Cloudy	Moderate	Mid-Ebb	B	3.9	13:40	9.03	8.57	30.53	20.56	4.07	2	119	0.234	SE
S1	20200401	Cloudy	Moderate	Mid-Ebb	S	1	13:41	8.28	8.38	30.8	20.41	2.95	<2	119	0.256	E
S1	20200401	Cloudy	Moderate	Mid-Ebb	S	1	13:41	8.74	8.56	30.98	20.52	3.12	<2	118	0.223	SE
S2A	20200401	Cloudy	Moderate	Mid-Ebb	B	8.6	14:01	8.93	8.39	30.97	20.45	3.82	3	118	0.216	SE
S2A	20200401	Cloudy	Moderate	Mid-Ebb	B	8.6	14:01	9.12	8.56	30.59	20.54	3.69	2	117	0.267	E
S2A	20200401	Cloudy	Moderate	Mid-Ebb	M	4.8	14:02	8.99	8.47	30.58	20.45	3.37	<2	118	0.218	SE
S2A	20200401	Cloudy	Moderate	Mid-Ebb	M	4.8	14:02	8.78	8.63	30.63	20.48	3.56	<2	118	0.222	E

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:03	8.67	8.55	30.61	20.38	3.5	2	118	0.242	SE
S2A	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:03	9.35	8.45	30.67	20.39	3.07	<2	118	0.19	E
S3	20200401	Cloudy	Moderate	Mid-Ebb	B	10.6	14:21	9.38	8.58	30.81	20.58	3.72	<2	120	0.241	E
S3	20200401	Cloudy	Moderate	Mid-Ebb	B	10.6	14:21	9.21	8.49	30.83	20.37	3.74	2	118	0.176	SE
S3	20200401	Cloudy	Moderate	Mid-Ebb	M	5.8	14:22	8.51	8.28	30.5	20.43	3.45	<2	118	0.212	SE
S3	20200401	Cloudy	Moderate	Mid-Ebb	M	5.8	14:22	9.2	8.43	30.59	20.55	3.06	<2	119	0.221	SE
S3	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:23	8.43	8.44	30.97	20.4	3.62	<2	119	0.214	SE
S3	20200401	Cloudy	Moderate	Mid-Ebb	S	1	14:23	8.65	8.39	30.65	20.38	3.17	<2	119	0.215	SE
B1	20200403	Cloudy	Moderate	Mid-Flood	B	3.7	13:00	8.48	8.45	30.6	20.46	3.18	3	122	0.173	W
B1	20200403	Cloudy	Moderate	Mid-Flood	B	3.7	13:00	8.32	8.35	30.35	20.61	3.28	3	121	0.164	W
B1	20200403	Cloudy	Moderate	Mid-Flood	S	1	13:01	8.52	8.34	30.24	20.43	2.43	3	121	0.209	W
B1	20200403	Cloudy	Moderate	Mid-Flood	S	1	13:01	8.68	8.32	30.32	20.48	2.89	4	119	0.22	W
B2	20200403	Cloudy	Moderate	Mid-Flood	B	4	13:18	8.71	8.29	30.51	20.64	3.04	4	122	0.195	W
B2	20200403	Cloudy	Moderate	Mid-Flood	B	4	13:18	8.35	8.25	30.3	20.6	2.92	4	122	0.186	NW
B2	20200403	Cloudy	Moderate	Mid-Flood	S	1	13:19	8.55	8.44	30.24	20.46	2.4	2	118	0.211	NW
B2	20200403	Cloudy	Moderate	Mid-Flood	S	1	13:19	8.67	8.37	30.21	20.63	2.38	2	121	0.213	W
B3	20200403	Cloudy	Moderate	Mid-Flood	B	3.8	12:33	8.43	8.45	30.6	20.47	3.59	3	122	0.225	W
B3	20200403	Cloudy	Moderate	Mid-Flood	B	3.8	12:33	8.3	8.35	30.45	20.34	3.59	3	119	0.23	W
B3	20200403	Cloudy	Moderate	Mid-Flood	S	1	12:34	8.27	8.28	30.3	20.48	2.97	4	122	0.167	W
B3	20200403	Cloudy	Moderate	Mid-Flood	S	1	12:34	8.38	8.32	30.46	20.63	2.6	4	119	0.188	NW
B4	20200403	Cloudy	Moderate	Mid-Flood	B	4.3	12:24	8.62	8.36	30.44	20.56	3.52	3	122	0.172	NW
B4	20200403	Cloudy	Moderate	Mid-Flood	B	4.3	12:24	8.77	8.5	30.43	20.56	3.3	3	120	0.191	W
B4	20200403	Cloudy	Moderate	Mid-Flood	S	1	12:25	8.29	8.45	30.28	20.57	2.84	3	120	0.188	W
B4	20200403	Cloudy	Moderate	Mid-Flood	S	1	12:25	8.68	8.39	30.59	20.47	2.83	4	120	0.163	W
C1A	20200403	Cloudy	Moderate	Mid-Flood	B	10.8	11:51	8.51	8.4	30.27	20.43	3.13	6	121	0.177	W
C1A	20200403	Cloudy	Moderate	Mid-Flood	B	10.8	11:51	8.53	8.39	30.32	20.45	2.88	6	120	0.231	NW
C1A	20200403	Cloudy	Moderate	Mid-Flood	M	5.9	11:52	8.47	8.52	30.52	20.37	2.56	5	120	0.184	W
C1A	20200403	Cloudy	Moderate	Mid-Flood	M	5.9	11:52	8.7	8.32	30.51	20.35	3.09	5	120	0.184	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20200403	Cloudy	Moderate	Mid-Flood	S	1	11:53	8.59	8.45	30.43	20.34	2.51	5	120	0.168	NW
C1A	20200403	Cloudy	Moderate	Mid-Flood	S	1	11:53	8.28	8.29	30.24	20.49	2.64	5	121	0.192	NW
C2A	20200403	Cloudy	Moderate	Mid-Flood	B	10.3	10:45	8.58	8.38	30.45	20.52	3.44	6	119	0.172	W
C2A	20200403	Cloudy	Moderate	Mid-Flood	B	10.3	10:45	8.68	8.47	30.42	20.59	2.98	6	122	0.174	W
C2A	20200403	Cloudy	Moderate	Mid-Flood	M	5.65	10:46	8.56	8.37	30.5	20.57	2.93	6	121	0.212	W
C2A	20200403	Cloudy	Moderate	Mid-Flood	M	5.65	10:46	8.65	8.53	30.24	20.34	3.04	6	119	0.165	W
C2A	20200403	Cloudy	Moderate	Mid-Flood	S	1	10:47	8.72	8.29	30.48	20.41	2.88	6	121	0.183	NW
C2A	20200403	Cloudy	Moderate	Mid-Flood	S	1	10:47	8.66	8.41	30.23	20.51	2.9	6	119	0.193	W
CR1	20200403	Cloudy	Moderate	Mid-Flood	B	11.8	11:07	8.39	8.41	30.46	20.36	2.91	3	121	0.194	W
CR1	20200403	Cloudy	Moderate	Mid-Flood	B	11.8	11:07	8.73	8.45	30.49	20.39	3.13	3	118	0.24	NW
CR1	20200403	Cloudy	Moderate	Mid-Flood	M	6.4	11:08	8.71	8.39	30.43	20.43	2.71	3	122	0.177	W
CR1	20200403	Cloudy	Moderate	Mid-Flood	M	6.4	11:08	8.31	8.39	30.5	20.35	2.62	3	121	0.219	W
CR1	20200403	Cloudy	Moderate	Mid-Flood	S	1	11:09	8.81	8.52	30.38	20.38	2.51	2	121	0.237	W
CR1	20200403	Cloudy	Moderate	Mid-Flood	S	1	11:09	8.57	8.42	30.37	20.58	2.68	2	119	0.162	W
CR2	20200403	Cloudy	Moderate	Mid-Flood	B	9.7	11:22	8.39	8.5	30.3	20.5	3.16	4	122	0.164	W
CR2	20200403	Cloudy	Moderate	Mid-Flood	B	9.7	11:22	8.65	8.51	30.5	20.46	3.21	4	121	0.213	W
CR2	20200403	Cloudy	Moderate	Mid-Flood	M	5.35	11:23	8.63	8.42	30.46	20.35	2.66	3	122	0.172	W
CR2	20200403	Cloudy	Moderate	Mid-Flood	M	5.35	11:23	8.4	8.33	30.61	20.48	2.71	3	121	0.165	W
CR2	20200403	Cloudy	Moderate	Mid-Flood	S	1	11:24	8.76	8.32	30.52	20.35	2.68	<2	122	0.201	W
CR2	20200403	Cloudy	Moderate	Mid-Flood	S	1	11:24	8.76	8.36	30.42	20.51	2.35	<2	122	0.204	W
F1A	20200403	Cloudy	Moderate	Mid-Flood	B	6.9	12:02	8.76	8.49	30.5	20.47	2.97	9	119	0.231	W
F1A	20200403	Cloudy	Moderate	Mid-Flood	B	6.9	12:02	8.36	8.34	30.49	20.54	3.1	9	121	0.219	W
F1A	20200403	Cloudy	Moderate	Mid-Flood	M	3.95	12:03	8.56	8.47	30.61	20.36	2.75	8	121	0.161	W
F1A	20200403	Cloudy	Moderate	Mid-Flood	M	3.95	12:03	8.27	8.42	30.3	20.62	2.55	8	121	0.205	W
F1A	20200403	Cloudy	Moderate	Mid-Flood	S	1	12:04	8.59	8.31	30.55	20.46	2.44	7	120	0.199	W
F1A	20200403	Cloudy	Moderate	Mid-Flood	S	1	12:04	8.42	8.33	30.6	20.49	2.39	7	120	0.183	W
H1	20200403	Cloudy	Moderate	Mid-Flood	B	6.5	12:16	8.59	8.29	30.33	20.42	2.94	3	121	0.23	W
H1	20200403	Cloudy	Moderate	Mid-Flood	B	6.5	12:16	8.63	8.49	30.53	20.41	3.05	3	119	0.182	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
H1	20200403	Cloudy	Moderate	Mid-Flood	M	3.75	12:17	8.64	8.5	30.31	20.59	2.94	3	123	0.182	W
H1	20200403	Cloudy	Moderate	Mid-Flood	M	3.75	12:17	8.41	8.3	30.37	20.36	2.89	3	122	0.202	NW
H1	20200403	Cloudy	Moderate	Mid-Flood	S	1	12:18	8.36	8.32	30.27	20.45	2.36	3	121	0.179	W
H1	20200403	Cloudy	Moderate	Mid-Flood	S	1	12:18	8.33	8.53	30.29	20.6	2.46	3	119	0.22	NW
M1	20200403	Cloudy	Moderate	Mid-Flood	B	7.7	11:39	8.78	8.39	30.62	20.51	3.14	8	119	0.199	W
M1	20200403	Cloudy	Moderate	Mid-Flood	B	7.7	11:39	8.74	8.26	30.49	20.39	3.18	8	119	0.172	NW
M1	20200403	Cloudy	Moderate	Mid-Flood	M	4.35	11:40	8.69	8.48	30.2	20.37	2.78	5	118	0.162	NW
M1	20200403	Cloudy	Moderate	Mid-Flood	M	4.35	11:40	8.55	8.46	30.31	20.59	2.77	5	120	0.225	W
M1	20200403	Cloudy	Moderate	Mid-Flood	S	1	11:41	8.48	8.37	30.21	20.32	2.43	4	118	0.238	NW
M1	20200403	Cloudy	Moderate	Mid-Flood	S	1	11:41	8.28	8.38	30.45	20.33	2.46	4	120	0.166	W
S1	20200403	Cloudy	Moderate	Mid-Flood	B	4.2	13:09	8.57	8.53	30.33	20.56	3.43	6	118	0.239	W
S1	20200403	Cloudy	Moderate	Mid-Flood	B	4.2	13:09	8.29	8.33	30.37	20.57	3.33	6	120	0.198	NW
S1	20200403	Cloudy	Moderate	Mid-Flood	S	1	13:10	8.48	8.47	30.57	20.55	2.83	5	121	0.208	W
S1	20200403	Cloudy	Moderate	Mid-Flood	S	1	13:10	8.8	8.44	30.54	20.56	2.68	5	118	0.174	W
S2A	20200403	Cloudy	Moderate	Mid-Flood	B	8.7	12:46	8.78	8.3	30.25	20.54	3.43	3	121	0.195	W
S2A	20200403	Cloudy	Moderate	Mid-Flood	B	8.7	12:46	8.65	8.48	30.33	20.45	3.33	3	120	0.174	W
S2A	20200403	Cloudy	Moderate	Mid-Flood	M	4.85	12:47	8.48	8.4	30.26	20.53	2.91	4	122	0.223	W
S2A	20200403	Cloudy	Moderate	Mid-Flood	M	4.85	12:47	8.48	8.25	30.25	20.6	2.6	3	120	0.238	W
S2A	20200403	Cloudy	Moderate	Mid-Flood	S	1	12:48	8.5	8.32	30.38	20.51	2.41	3	122	0.24	W
S2A	20200403	Cloudy	Moderate	Mid-Flood	S	1	12:48	8.34	8.41	30.22	20.66	2.91	4	120	0.178	W
S3	20200403	Cloudy	Moderate	Mid-Flood	B	8.7	11:34	8.5	8.35	30.48	20.48	3.18	2	120	0.163	W
S3	20200403	Cloudy	Moderate	Mid-Flood	B	8.7	11:34	8.78	8.5	30.45	20.52	3.52	2	122	0.202	W
S3	20200403	Cloudy	Moderate	Mid-Flood	M	4.85	11:35	8.29	8.41	30.57	20.51	2.61	3	120	0.231	W
S3	20200403	Cloudy	Moderate	Mid-Flood	M	4.85	11:35	8.5	8.34	30.43	20.33	2.54	3	120	0.16	W
S3	20200403	Cloudy	Moderate	Mid-Flood	S	1	11:36	8.59	8.42	30.2	20.42	2.91	3	121	0.182	NW
S3	20200403	Cloudy	Moderate	Mid-Flood	S	1	11:36	8.42	8.41	30.26	20.48	2.56	3	121	0.228	W
B1	20200403	Cloudy	Moderate	Mid-Ebb	B	3.8	16:34	8.84	8.34	30.29	20.53	3.41	4	122	0.175	SE
B1	20200403	Cloudy	Moderate	Mid-Ebb	B	3.8	16:34	8.76	8.44	30.34	20.39	3.27	4	120	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
B1	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:35	8.84	8.46	30.37	20.46	2.55	5	122	0.171	E
B1	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:35	8.43	8.54	30.38	20.59	2.53	5	122	0.238	SE
B2	20200403	Cloudy	Moderate	Mid-Ebb	B	4.6	16:59	8.45	8.29	30.33	20.65	3.06	4	121	0.233	SE
B2	20200403	Cloudy	Moderate	Mid-Ebb	B	4.6	16:59	8.57	8.34	30.24	20.53	3.34	3	122	0.167	SE
B2	20200403	Cloudy	Moderate	Mid-Ebb	S	1	17:00	8.66	8.55	30.5	20.57	2.33	3	120	0.176	E
B2	20200403	Cloudy	Moderate	Mid-Ebb	S	1	17:00	8.52	8.51	30.38	20.52	2.9	3	123	0.198	SE
B3	20200403	Cloudy	Moderate	Mid-Ebb	B	3.9	16:26	8.57	8.49	30.47	20.49	3.31	6	122	0.2	E
B3	20200403	Cloudy	Moderate	Mid-Ebb	B	3.9	16:26	8.43	8.29	30.39	20.46	3.31	6	121	0.24	E
B3	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:27	8.22	8.45	30.33	20.59	2.69	4	122	0.242	SE
B3	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:27	8.33	8.35	30.27	20.56	2.75	4	123	0.194	E
B4	20200403	Cloudy	Moderate	Mid-Ebb	B	3.5	16:33	8.7	8.41	30.16	20.54	3.54	6	123	0.158	E
B4	20200403	Cloudy	Moderate	Mid-Ebb	B	3.5	16:33	8.6	8.48	30.1	20.57	3.02	6	121	0.198	SE
B4	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:34	8.73	8.31	30.23	20.57	2.85	4	122	0.192	SE
B4	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:34	8.68	8.37	30.26	20.6	2.67	5	121	0.214	SE
C1A	20200403	Cloudy	Moderate	Mid-Ebb	B	9.8	16:00	8.53	8.28	30.27	20.54	3.42	4	120	0.196	SE
C1A	20200403	Cloudy	Moderate	Mid-Ebb	B	9.8	16:00	8.23	8.32	30.11	20.46	3.07	4	123	0.183	E
C1A	20200403	Cloudy	Moderate	Mid-Ebb	M	5.4	16:01	8.34	8.29	30.14	20.45	2.52	5	120	0.169	E
C1A	20200403	Cloudy	Moderate	Mid-Ebb	M	5.4	16:01	8.26	8.33	30.28	20.51	2.49	5	121	0.196	SE
C1A	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:02	8.38	8.5	30.25	20.41	2.89	5	121	0.168	SE
C1A	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:02	8.83	8.3	30.25	20.53	2.47	5	120	0.16	SE
C2A	20200403	Cloudy	Moderate	Mid-Ebb	B	11	16:02	8.93	8.55	30.14	20.47	3.42	5	121	0.184	E
C2A	20200403	Cloudy	Moderate	Mid-Ebb	B	11	16:02	8.74	8.34	30.34	20.42	2.99	5	121	0.206	E
C2A	20200403	Cloudy	Moderate	Mid-Ebb	M	6	16:03	8.52	8.38	30.37	20.45	2.86	5	120	0.162	E
C2A	20200403	Cloudy	Moderate	Mid-Ebb	M	6	16:03	8.57	8.35	30.49	20.54	2.38	5	121	0.247	SE
C2A	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:04	8.45	8.4	30.38	20.53	2.6	4	123	0.189	SE
C2A	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:04	8.36	8.33	30.42	20.4	2.87	4	121	0.203	SE
CR1	20200403	Cloudy	Moderate	Mid-Ebb	B	11.7	18:08	8.93	8.57	30.31	20.53	3.4	4	124	0.178	SE
CR1	20200403	Cloudy	Moderate	Mid-Ebb	B	11.7	18:08	8.81	8.54	30.49	20.41	3.08	4	123	0.232	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
CR1	20200403	Cloudy	Moderate	Mid-Ebb	M	6.35	18:09	8.65	8.37	30.44	20.49	2.51	4	124	0.252	SE
CR1	20200403	Cloudy	Moderate	Mid-Ebb	M	6.35	18:09	8.58	8.52	30.3	20.47	2.48	4	124	0.22	SE
CR1	20200403	Cloudy	Moderate	Mid-Ebb	S	1	18:10	8.26	8.49	30.27	20.41	2.68	5	124	0.235	SE
CR1	20200403	Cloudy	Moderate	Mid-Ebb	S	1	18:10	8.26	8.37	30.15	20.63	2.48	5	124	0.241	SE
CR2	20200403	Cloudy	Moderate	Mid-Ebb	B	10.7	17:45	8.37	8.47	30.15	20.51	3.43	8	124	0.242	SE
CR2	20200403	Cloudy	Moderate	Mid-Ebb	B	10.7	17:45	8.53	8.28	30.14	20.52	3.2	8	123	0.195	SE
CR2	20200403	Cloudy	Moderate	Mid-Ebb	M	5.85	17:46	8.28	8.5	30.26	20.43	2.88	7	124	0.184	SE
CR2	20200403	Cloudy	Moderate	Mid-Ebb	M	5.85	17:46	8.56	8.46	30.37	20.54	2.61	7	123	0.157	SE
CR2	20200403	Cloudy	Moderate	Mid-Ebb	S	1	17:47	8.77	8.35	30.13	20.58	2.43	5	123	0.171	E
CR2	20200403	Cloudy	Moderate	Mid-Ebb	S	1	17:47	8.89	8.44	30.15	20.53	2.4	5	124	0.237	SE
F1A	20200403	Cloudy	Moderate	Mid-Ebb	B	7.5	16:53	8.46	8.29	30.31	20.58	3.3	8	124	0.157	E
F1A	20200403	Cloudy	Moderate	Mid-Ebb	B	7.5	16:53	8.85	8.37	30.31	20.48	3.18	8	124	0.231	SE
F1A	20200403	Cloudy	Moderate	Mid-Ebb	M	4.25	16:54	8.62	8.26	30.27	20.57	2.52	7	123	0.234	SE
F1A	20200403	Cloudy	Moderate	Mid-Ebb	M	4.25	16:54	8.81	8.26	30.36	20.6	2.53	7	124	0.174	SE
F1A	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:55	8.74	8.32	30.48	20.45	2.64	4	122	0.208	SE
F1A	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:55	8.59	8.49	30.17	20.64	2.62	5	124	0.158	SE
H1	20200403	Cloudy	Moderate	Mid-Ebb	B	7.8	16:15	8.89	8.42	30.36	20.56	3.29	3	122	0.226	SE
H1	20200403	Cloudy	Moderate	Mid-Ebb	B	7.8	16:15	8.68	8.5	30.24	20.4	3.41	3	121	0.206	SE
H1	20200403	Cloudy	Moderate	Mid-Ebb	M	4.4	16:16	8.75	8.37	30.14	20.53	2.56	4	120	0.209	E
H1	20200403	Cloudy	Moderate	Mid-Ebb	M	4.4	16:16	8.64	8.26	30.32	20.4	2.38	4	122	0.171	SE
H1	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:17	8.22	8.26	30.12	20.51	2.54	4	123	0.193	E
H1	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:17	8.35	8.55	30.1	20.48	2.43	4	122	0.212	SE
M1	20200403	Cloudy	Moderate	Mid-Ebb	B	8	17:13	8.4	8.52	30.19	20.64	3.12	5	124	0.196	SE
M1	20200403	Cloudy	Moderate	Mid-Ebb	B	8	17:13	8.29	8.37	30.49	20.54	3.42	5	124	0.229	SE
M1	20200403	Cloudy	Moderate	Mid-Ebb	M	4.5	17:14	8.28	8.33	30.42	20.54	2.37	4	123	0.176	E
M1	20200403	Cloudy	Moderate	Mid-Ebb	M	4.5	17:14	8.34	8.55	30.3	20.56	2.35	4	124	0.245	SE
M1	20200403	Cloudy	Moderate	Mid-Ebb	S	1	17:15	8.59	8.46	30.39	20.48	2.4	4	124	0.163	E
M1	20200403	Cloudy	Moderate	Mid-Ebb	S	1	17:15	8.87	8.48	30.28	20.63	2.49	4	124	0.182	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S1	20200403	Cloudy	Moderate	Mid-Ebb	B	4.5	16:50	8.98	8.31	30.41	20.55	3.15	7	123	0.188	SE
S1	20200403	Cloudy	Moderate	Mid-Ebb	B	4.5	16:50	8.82	8.38	30.11	20.54	2.98	6	124	0.214	SE
S1	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:51	8.7	8.26	30.46	20.56	2.35	8	124	0.226	SE
S1	20200403	Cloudy	Moderate	Mid-Ebb	S	1	16:51	8.36	8.34	30.14	20.52	2.37	8	124	0.197	SE
S2A	20200403	Cloudy	Moderate	Mid-Ebb	B	7.8	17:22	8.7	8.51	30.17	20.51	3.3	3	124	0.203	SE
S2A	20200403	Cloudy	Moderate	Mid-Ebb	B	7.8	17:22	8.86	8.35	30.42	20.6	3.35	3	124	0.2	E
S2A	20200403	Cloudy	Moderate	Mid-Ebb	M	4.4	17:23	8.9	8.27	30.46	20.67	2.4	4	124	0.21	E
S2A	20200403	Cloudy	Moderate	Mid-Ebb	M	4.4	17:23	8.96	8.42	30.14	20.54	2.53	4	124	0.247	SE
S2A	20200403	Cloudy	Moderate	Mid-Ebb	S	1	17:24	8.48	8.54	30.44	20.48	2.49	5	124	0.233	SE
S2A	20200403	Cloudy	Moderate	Mid-Ebb	S	1	17:24	8.75	8.33	30.22	20.69	2.46	5	124	0.218	E
S3	20200403	Cloudy	Moderate	Mid-Ebb	B	9.5	17:54	8.85	8.37	30.31	20.47	3.51	4	123	0.202	SE
S3	20200403	Cloudy	Moderate	Mid-Ebb	B	9.5	17:54	8.71	8.5	30.13	20.54	3.18	5	123	0.172	SE
S3	20200403	Cloudy	Moderate	Mid-Ebb	M	5.25	17:55	8.35	8.51	30.19	20.4	2.87	6	122	0.168	SE
S3	20200403	Cloudy	Moderate	Mid-Ebb	M	5.25	17:55	8.52	8.38	30.28	20.54	2.8	6	123	0.177	SE
S3	20200403	Cloudy	Moderate	Mid-Ebb	S	1	17:56	8.91	8.48	30.14	20.44	2.71	6	123	0.197	SE
S3	20200403	Cloudy	Moderate	Mid-Ebb	S	1	17:56	8.85	8.39	30.21	20.46	2.55	5	124	0.221	SE
B1	20200406	Cloudy	Moderate	Mid-Ebb	B	3.9	10:30	8.07	8.43	30.47	20.21	3.06	4	121	0.162	S
B1	20200406	Cloudy	Moderate	Mid-Ebb	B	3.9	10:30	8.46	8.25	30.33	20.37	3.58	4	122	0.18	SE
B1	20200406	Cloudy	Moderate	Mid-Ebb	S	1	10:31	8.36	8.17	30.3	20.29	3.29	3	122	0.2	SE
B1	20200406	Cloudy	Moderate	Mid-Ebb	S	1	10:31	8.29	8.36	30.5	20.13	3.49	3	122	0.241	S
B2	20200406	Cloudy	Moderate	Mid-Ebb	B	4.3	10:48	8.34	8.45	30.42	20.24	3.15	3	119	0.135	S
B2	20200406	Cloudy	Moderate	Mid-Ebb	B	4.3	10:48	8.07	8.32	30.41	20.12	3.21	3	119	0.132	S
B2	20200406	Cloudy	Moderate	Mid-Ebb	S	1	10:49	8.28	8.14	30.59	20.14	3.47	6	123	0.199	S
B2	20200406	Cloudy	Moderate	Mid-Ebb	S	1	10:49	8.49	8.32	30.54	20.15	3.79	6	120	0.224	S
B3	20200406	Cloudy	Moderate	Mid-Ebb	B	4.1	10:03	8.29	8.39	30.38	20.36	3.36	3	118	0.218	SE
B3	20200406	Cloudy	Moderate	Mid-Ebb	B	4.1	10:03	8.61	8.1	30.59	20.11	3.26	3	118	0.198	S
B3	20200406	Cloudy	Moderate	Mid-Ebb	S	1	10:04	8.18	8.2	30.48	20.25	3.73	4	120	0.156	E
B3	20200406	Cloudy	Moderate	Mid-Ebb	S	1	10:04	8.48	8.44	30.45	20.32	3.79	4	120	0.219	S

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B4	20200406	Cloudy	Moderate	Mid-Ebb	B	3.6	9:55	8.34	8.29	30.51	20.26	3.49	8	117	0.208	SE
B4	20200406	Cloudy	Moderate	Mid-Ebb	B	3.6	9:55	8.26	8.08	30.55	20.24	3.07	8	117	0.168	S
B4	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:56	8.38	8.13	30.69	20.18	3.56	4	116	0.2	SE
B4	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:56	8.42	8.37	30.68	20.35	3.4	4	116	0.228	SE
C1A	20200406	Cloudy	Moderate	Mid-Ebb	B	8.9	8:20	8.25	8.25	30.37	20.2	3.53	7	117	0.197	E
C1A	20200406	Cloudy	Moderate	Mid-Ebb	B	8.9	8:20	8.28	8.12	30.56	20.34	3.35	8	118	0.173	S
C1A	20200406	Cloudy	Moderate	Mid-Ebb	M	4.95	8:21	8.34	8.12	30.55	20.38	3.67	8	117	0.16	S
C1A	20200406	Cloudy	Moderate	Mid-Ebb	M	4.95	8:21	8.53	8.32	30.64	20.16	3.2	8	118	0.25	SE
C1A	20200406	Cloudy	Moderate	Mid-Ebb	S	1	8:22	8.5	8.18	30.4	20.16	3.59	9	118	0.142	SE
C1A	20200406	Cloudy	Moderate	Mid-Ebb	S	1	8:22	8.42	8.09	30.69	20.11	3.52	9	118	0.133	S
C2A	20200406	Cloudy	Moderate	Mid-Ebb	B	11.5	9:45	8.23	8.07	30.49	20.36	3.49	8	118	0.238	S
C2A	20200406	Cloudy	Moderate	Mid-Ebb	B	11.5	9:45	8.54	8.54	30.65	20.37	3.54	8	119	0.142	SE
C2A	20200406	Cloudy	Moderate	Mid-Ebb	M	6.25	9:46	8.05	8.07	30.44	20.26	3.57	8	119	0.218	S
C2A	20200406	Cloudy	Moderate	Mid-Ebb	M	6.25	9:46	8.31	8.32	30.42	20.14	3.62	8	118	0.162	SE
C2A	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:47	8.69	8.22	30.3	20.2	3.48	7	118	0.232	S
C2A	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:47	8.39	8.14	30.47	20.16	3.62	8	118	0.149	E
F1A	20200406	Cloudy	Moderate	Mid-Ebb	B	7	9:34	8.34	8.16	30.4	20.22	3.25	8	118	0.13	SE
F1A	20200406	Cloudy	Moderate	Mid-Ebb	B	7	9:34	8.13	8.28	30.58	20.29	3.23	8	118	0.242	S
F1A	20200406	Cloudy	Moderate	Mid-Ebb	M	4	9:35	8.12	8.5	30.31	20.19	3.63	8	119	0.212	S
F1A	20200406	Cloudy	Moderate	Mid-Ebb	M	4	9:35	8.53	8.38	30.3	20.38	3.61	8	117	0.186	SE
F1A	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:36	8.03	8.3	30.46	20.28	3.25	7	117	0.153	SE
F1A	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:36	8.11	8.46	30.53	20.16	3.27	7	116	0.136	SE
H1	20200406	Cloudy	Moderate	Mid-Ebb	B	7.9	8:46	8.29	8.4	30.64	20.25	3.35	9	119	0.157	SE
H1	20200406	Cloudy	Moderate	Mid-Ebb	B	7.9	8:46	8.52	8.13	30.7	20.16	3.52	9	118	0.136	S
H1	20200406	Cloudy	Moderate	Mid-Ebb	M	4.45	8:47	8.04	8.35	30.67	20.12	3.26	8	117	0.142	SE
H1	20200406	Cloudy	Moderate	Mid-Ebb	M	4.45	8:47	8.13	8.47	30.62	20.3	3.64	8	119	0.248	S
H1	20200406	Cloudy	Moderate	Mid-Ebb	S	1	8:48	8.07	8.53	30.3	20.25	3.35	6	118	0.184	S
H1	20200406	Cloudy	Moderate	Mid-Ebb	S	1	8:48	8.18	8.34	30.33	20.21	3.69	6	118	0.198	S

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20200406	Cloudy	Moderate	Mid-Ebb	B	8	9:10	8.63	8.39	30.46	20.25	3.26	5	117	0.224	SE
M1	20200406	Cloudy	Moderate	Mid-Ebb	B	8	9:10	8.14	8.23	30.61	20.14	3.03	5	116	0.229	E
M1	20200406	Cloudy	Moderate	Mid-Ebb	M	4.5	9:11	8.15	8.3	30.56	20.36	3.34	7	119	0.17	E
M1	20200406	Cloudy	Moderate	Mid-Ebb	M	4.5	9:11	8.35	8.36	30.62	20.35	3.2	6	118	0.204	SE
M1	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:12	8.52	8.15	30.5	20.18	3.73	8	118	0.182	SE
M1	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:12	8.19	8.3	30.62	20.11	3.45	8	118	0.127	SE
CR1	20200406	Cloudy	Moderate	Mid-Ebb	B	12.1	9:24	8.07	8.31	30.59	20.14	3.49	10	118	0.19	SE
CR1	20200406	Cloudy	Moderate	Mid-Ebb	B	12.1	9:24	8.09	8.37	30.3	20.42	3.44	10	116	0.206	SE
CR1	20200406	Cloudy	Moderate	Mid-Ebb	M	6.55	9:25	8.58	8.07	30.33	20.39	3.31	9	118	0.211	S
CR1	20200406	Cloudy	Moderate	Mid-Ebb	M	6.55	9:25	8.31	8.5	30.57	20.38	3.46	9	118	0.166	SE
CR1	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:26	8.49	8.13	30.56	20.39	3.78	8	117	0.17	E
CR1	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:26	8.62	8.45	30.45	20.23	3.47	8	119	0.129	SE
CR2	20200406	Cloudy	Moderate	Mid-Ebb	B	10.8	9:02	8.47	8.28	30.67	20.27	3.45	10	120	0.184	SE
CR2	20200406	Cloudy	Moderate	Mid-Ebb	B	10.8	9:02	8.55	8.5	30.58	20.18	3.45	10	119	0.167	S
CR2	20200406	Cloudy	Moderate	Mid-Ebb	M	5.9	9:03	8.03	8.28	30.64	20.31	3.47	8	119	0.21	SE
CR2	20200406	Cloudy	Moderate	Mid-Ebb	M	5.9	9:03	8.63	8.14	30.42	20.29	3.17	8	120	0.181	E
CR2	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:04	8.18	8.22	30.56	20.34	3.27	7	117	0.134	SE
CR2	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:04	8.37	8.29	30.57	20.34	3.55	8	118	0.223	E
S1	20200406	Cloudy	Moderate	Mid-Ebb	B	4.3	10:40	8.03	8.26	30.33	20.21	3.37	8	119	0.249	E
S1	20200406	Cloudy	Moderate	Mid-Ebb	B	4.3	10:40	8.55	8.33	30.36	20.25	3.04	8	117	0.126	SE
S1	20200406	Cloudy	Moderate	Mid-Ebb	S	1	10:41	8.63	8.45	30.35	20.11	3.56	7	115	0.178	SE
S1	20200406	Cloudy	Moderate	Mid-Ebb	S	1	10:41	8.41	8.49	30.55	20.18	3.42	7	118	0.247	S
S2A	20200406	Cloudy	Moderate	Mid-Ebb	B	8	10:17	8.31	8.09	30.46	20.15	3.22	7	117	0.141	S
S2A	20200406	Cloudy	Moderate	Mid-Ebb	B	8	10:17	8.17	8.46	30.54	20.32	3.19	7	118	0.192	SE
S2A	20200406	Cloudy	Moderate	Mid-Ebb	M	4.5	10:18	8.19	8.13	30.46	20.12	3.21	8	118	0.247	S
S2A	20200406	Cloudy	Moderate	Mid-Ebb	M	4.5	10:18	8.37	8.1	30.64	20.43	3.43	8	117	0.159	E
S2A	20200406	Cloudy	Moderate	Mid-Ebb	S	1	10:19	8.22	8.24	30.69	20.4	3.39	8	118	0.205	S
S2A	20200406	Cloudy	Moderate	Mid-Ebb	S	1	10:19	8.24	8.28	30.39	20.36	3.67	8	118	0.129	E

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20200406	Cloudy	Moderate	Mid-Ebb	B	9.2	9:11	8.39	8.39	30.35	20.27	3.48	8	117	0.17	E
S3	20200406	Cloudy	Moderate	Mid-Ebb	B	9.2	9:11	8.24	8.22	30.39	20.33	3	8	117	0.177	S
S3	20200406	Cloudy	Moderate	Mid-Ebb	M	5.1	9:12	8.4	8.35	30.66	20.41	3.16	7	117	0.186	SE
S3	20200406	Cloudy	Moderate	Mid-Ebb	M	5.1	9:12	8.61	8.1	30.54	20.12	3.2	7	118	0.216	SE
S3	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:13	8.03	8.33	30.47	20.43	3.27	6	117	0.167	S
S3	20200406	Cloudy	Moderate	Mid-Ebb	S	1	9:13	8.24	8.34	30.44	20.23	3.65	6	118	0.15	E
B1	20200406	Cloudy	Moderate	Mid-Flood	B	3.9	13:20	8.21	8.52	30.59	20.65	3.33	10	123	0.177	W
B1	20200406	Cloudy	Moderate	Mid-Flood	B	3.9	13:20	8.14	8.05	30.34	20.64	3.25	10	123	0.2	W
B1	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:21	8.54	8.16	30.6	20.42	3.48	8	120	0.2	W
B1	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:21	8.06	8.33	30.56	20.39	3.42	8	120	0.239	SW
B2	20200406	Cloudy	Moderate	Mid-Flood	B	3.5	13:00	8.18	8.42	30.23	20.39	3.54	10	121	0.142	W
B2	20200406	Cloudy	Moderate	Mid-Flood	B	3.5	13:00	8.51	8.13	30.29	20.35	3.06	10	121	0.168	SW
B2	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:01	8.22	8.29	30.67	20.29	3.33	9	122	0.149	SW
B2	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:01	8.35	8.06	30.4	20.54	3.59	9	120	0.151	NW
B3	20200406	Cloudy	Moderate	Mid-Flood	B	4.3	13:47	8.59	8.05	30.21	20.47	3.47	11	123	0.16	W
B3	20200406	Cloudy	Moderate	Mid-Flood	B	4.3	13:47	8.49	8.31	30.85	20.39	2.98	11	123	0.211	NW
B3	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:48	8.04	8.07	30.84	20.57	3.39	10	117	0.201	SW
B3	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:48	7.98	8.19	30.4	20.34	3.43	10	120	0.227	W
B4	20200406	Cloudy	Moderate	Mid-Flood	B	4.5	13:56	8.5	8.41	30.75	20.32	3.04	10	121	0.209	W
B4	20200406	Cloudy	Moderate	Mid-Flood	B	4.5	13:56	8.53	8.16	30.48	20.22	3	11	120	0.216	SW
B4	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:57	8.44	8.39	30.63	20.55	3.57	9	123	0.188	W
B4	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:57	8.12	8.51	30.3	20.44	3.74	9	120	0.181	W
C1A	20200406	Cloudy	Moderate	Mid-Flood	B	9.9	14:04	8.15	8.17	30.84	20.42	3.38	9	120	0.173	SW
C1A	20200406	Cloudy	Moderate	Mid-Flood	B	9.9	14:04	8.12	8.09	30.78	20.37	3.27	9	122	0.186	SW
C1A	20200406	Cloudy	Moderate	Mid-Flood	M	5.45	14:05	8.19	8.33	30.45	20.52	3.28	9	121	0.224	SW
C1A	20200406	Cloudy	Moderate	Mid-Flood	M	5.45	14:05	8.57	8.35	30.84	20.44	3.4	9	123	0.221	W
C1A	20200406	Cloudy	Moderate	Mid-Flood	S	1	14:06	8.07	8.41	30.72	20.26	3.63	8	120	0.142	SW
C1A	20200406	Cloudy	Moderate	Mid-Flood	S	1	14:06	7.97	8.37	30.66	20.53	3.89	8	121	0.217	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
C2A	20200406	Cloudy	Moderate	Mid-Flood	B	11	12:57	8.28	8.28	30.29	20.64	3.51	9	121	0.196	W
C2A	20200406	Cloudy	Moderate	Mid-Flood	B	11	12:57	8.05	8.3	30.44	20.65	3.37	9	122	0.237	W
C2A	20200406	Cloudy	Moderate	Mid-Flood	M	6	12:58	8.58	8.31	30.74	20.29	3.65	8	122	0.195	NW
C2A	20200406	Cloudy	Moderate	Mid-Flood	M	6	12:58	8.23	8.09	30.33	20.38	3.35	8	122	0.238	SW
C2A	20200406	Cloudy	Moderate	Mid-Flood	S	1	12:59	8.19	8.53	30.8	20.36	3.44	7	121	0.177	SW
C2A	20200406	Cloudy	Moderate	Mid-Flood	S	1	12:59	8.06	8.49	30.81	20.64	3.75	7	122	0.161	W
CR1	20200406	Cloudy	Moderate	Mid-Flood	B	11.3	13:20	8.33	8.21	30.33	20.49	3.32	7	118	0.193	W
CR1	20200406	Cloudy	Moderate	Mid-Flood	B	11.3	13:20	8	8.47	30.74	20.47	3.53	7	121	0.154	W
CR1	20200406	Cloudy	Moderate	Mid-Flood	M	6.15	13:21	8.56	8.16	30.83	20.53	3.22	7	118	0.22	SW
CR1	20200406	Cloudy	Moderate	Mid-Flood	M	6.15	13:21	8.35	8.41	30.47	20.47	3.44	7	119	0.228	W
CR1	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:22	7.97	8.1	30.28	20.46	3.48	6	119	0.146	W
CR1	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:22	8.22	8.17	30.81	20.3	3.52	6	118	0.171	SW
CR2	20200406	Cloudy	Moderate	Mid-Flood	B	9.9	13:35	8.19	8.13	30.48	20.43	3.48	3	120	0.199	W
CR2	20200406	Cloudy	Moderate	Mid-Flood	B	9.9	13:35	8.53	8.13	30.32	20.57	3.21	3	122	0.182	SW
CR2	20200406	Cloudy	Moderate	Mid-Flood	M	5.45	13:36	8.41	8.42	30.24	20.65	3.31	6	120	0.188	W
CR2	20200406	Cloudy	Moderate	Mid-Flood	M	5.45	13:36	8.5	8.15	30.66	20.43	3.58	6	120	0.171	SW
CR2	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:37	8	8.43	30.42	20.37	3.66	8	120	0.182	W
CR2	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:37	8.59	8.17	30.42	20.56	3.54	8	119	0.162	SW
F1A	20200406	Cloudy	Moderate	Mid-Flood	B	7.3	14:19	8.38	8.18	30.67	20.45	3.05	7	123	0.228	W
F1A	20200406	Cloudy	Moderate	Mid-Flood	B	7.3	14:19	8.39	8.4	30.38	20.49	3.18	7	122	0.144	W
F1A	20200406	Cloudy	Moderate	Mid-Flood	M	4.15	14:20	8.61	8.56	30.67	20.38	3.45	7	122	0.145	W
F1A	20200406	Cloudy	Moderate	Mid-Flood	M	4.15	14:20	8.04	8.47	30.43	20.47	3.51	7	121	0.211	W
F1A	20200406	Cloudy	Moderate	Mid-Flood	S	1	14:21	8.29	8.09	30.8	20.3	3.67	8	124	0.204	SW
F1A	20200406	Cloudy	Moderate	Mid-Flood	S	1	14:21	8.27	8.32	30.53	20.21	3.63	8	122	0.165	W
H1	20200406	Cloudy	Moderate	Mid-Flood	B	6.8	14:27	8.55	8.23	30.55	20.47	3.46	9	123	0.177	W
H1	20200406	Cloudy	Moderate	Mid-Flood	B	6.8	14:27	8.15	8.22	30.76	20.48	3.16	9	123	0.147	W
H1	20200406	Cloudy	Moderate	Mid-Flood	M	3.9	14:28	8.34	8.23	30.21	20.28	3.29	10	122	0.238	SW
H1	20200406	Cloudy	Moderate	Mid-Flood	M	3.9	14:28	8.03	8.39	30.36	20.58	3.35	10	121	0.223	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	20200406	Cloudy	Moderate	Mid-Flood	S	1	14:29	8.5	8.37	30.66	20.37	3.42	11	122	0.19	NW
H1	20200406	Cloudy	Moderate	Mid-Flood	S	1	14:29	8.61	8.16	30.82	20.47	3.87	11	124	0.185	SW
M1	20200406	Cloudy	Moderate	Mid-Flood	B	7.6	14:41	8.01	8.26	30.63	20.25	3.42	7	118	0.152	W
M1	20200406	Cloudy	Moderate	Mid-Flood	B	7.6	14:41	8.02	8.14	30.58	20.24	3.09	7	121	0.148	NW
M1	20200406	Cloudy	Moderate	Mid-Flood	M	4.3	14:42	8.59	8.59	30.35	20.57	3.57	5	121	0.187	W
M1	20200406	Cloudy	Moderate	Mid-Flood	M	4.3	14:42	8.45	8.13	30.78	20.41	3.58	5	123	0.206	NW
M1	20200406	Cloudy	Moderate	Mid-Flood	S	1	14:43	8.45	8.21	30.65	20.42	3.53	3	122	0.144	W
M1	20200406	Cloudy	Moderate	Mid-Flood	S	1	14:43	8.09	8.49	30.4	20.38	3.54	3	122	0.209	SW
S1	20200406	Cloudy	Moderate	Mid-Flood	B	4.2	13:10	8.46	8.51	30.83	20.39	3.35	8	121	0.152	W
S1	20200406	Cloudy	Moderate	Mid-Flood	B	4.2	13:10	8.42	8.05	30.64	20.48	3.04	8	123	0.232	W
S1	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:11	8.2	8.52	30.43	20.41	3.68	7	123	0.161	W
S1	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:11	8.6	8.5	30.39	20.64	3.85	7	122	0.219	SW
S2A	20200406	Cloudy	Moderate	Mid-Flood	B	8.4	13:33	8.34	8.26	30.34	20.4	3.17	6	120	0.225	W
S2A	20200406	Cloudy	Moderate	Mid-Flood	B	8.4	13:33	8.26	8.16	30.53	20.5	3.27	6	122	0.215	SW
S2A	20200406	Cloudy	Moderate	Mid-Flood	M	4.7	13:34	8.31	8.24	30.38	20.61	3.59	7	123	0.24	W
S2A	20200406	Cloudy	Moderate	Mid-Flood	M	4.7	13:34	8.48	8.22	30.74	20.57	3.66	7	121	0.189	NW
S2A	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:35	8.16	8.21	30.52	20.38	3.43	7	122	0.221	NW
S2A	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:35	7.99	8.28	30.79	20.4	3.4	7	122	0.204	W
S3	20200406	Cloudy	Moderate	Mid-Flood	B	9.8	13:44	8.34	8.34	30.83	20.32	3.36	6	122	0.219	SW
S3	20200406	Cloudy	Moderate	Mid-Flood	B	9.8	13:44	8.49	8.47	30.8	20.26	3.53	6	121	0.217	SW
S3	20200406	Cloudy	Moderate	Mid-Flood	M	5.4	13:45	8.45	8.59	30.64	20.52	3.66	6	123	0.223	W
S3	20200406	Cloudy	Moderate	Mid-Flood	M	5.4	13:45	8.56	8.31	30.63	20.41	3.24	6	123	0.166	W
S3	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:46	8.58	8.15	30.57	20.52	3.36	7	120	0.239	NW
S3	20200406	Cloudy	Moderate	Mid-Flood	S	1	13:46	8.59	8.1	30.35	20.51	3.85	8	122	0.16	W
B1	20200408	Cloudy	Moderate	Mid-Ebb	B	3.7	12:44	8.19	8.3	30.27	21.2	2.44	4	119	0.227	SE
B1	20200408	Cloudy	Moderate	Mid-Ebb	B	3.7	12:44	8.24	8.52	30.29	21.26	2.8	5	120	0.178	S
B1	20200408	Cloudy	Moderate	Mid-Ebb	S	1	12:45	8.26	8.42	30.15	21.3	2.73	8	122	0.212	SE
B1	20200408	Cloudy	Moderate	Mid-Ebb	S	1	12:45	8.11	8.55	30.23	21.21	2.7	7	120	0.228	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	20200408	Cloudy	Moderate	Mid-Ebb	B	4.4	13:01	8.41	8.48	30.67	21.46	2.61	6	118	0.204	SE
B2	20200408	Cloudy	Moderate	Mid-Ebb	B	4.4	13:01	8.06	8.42	30.46	21.24	2.96	5	121	0.242	S
B2	20200408	Cloudy	Moderate	Mid-Ebb	S	1	13:02	7.92	8.43	30.66	21.27	3.02	4	122	0.189	S
B2	20200408	Cloudy	Moderate	Mid-Ebb	S	1	13:02	8.11	8.44	30.25	21.41	3.16	4	121	0.212	SE
B3	20200408	Cloudy	Moderate	Mid-Ebb	B	3.5	12:11	7.94	8.25	30.38	21.22	2.74	6	123	0.2	SE
B3	20200408	Cloudy	Moderate	Mid-Ebb	B	3.5	12:11	8.47	8.61	30.51	21.44	2.8	5	122	0.238	E
B3	20200408	Cloudy	Moderate	Mid-Ebb	S	1	12:12	8.19	8.63	30.35	21.32	2.9	4	123	0.189	SE
B3	20200408	Cloudy	Moderate	Mid-Ebb	S	1	12:12	8.24	8.37	30.25	21.46	3.1	4	123	0.202	S
B4	20200408	Cloudy	Moderate	Mid-Ebb	B	4.1	12:03	7.9	8.61	30.44	21.38	2.89	7	123	0.217	SE
B4	20200408	Cloudy	Moderate	Mid-Ebb	B	4.1	12:03	8.12	8.47	30.33	21.4	2.81	8	122	0.186	SE
B4	20200408	Cloudy	Moderate	Mid-Ebb	S	1	12:04	8.09	8.35	30.14	21.33	3.21	5	123	0.181	S
B4	20200408	Cloudy	Moderate	Mid-Ebb	S	1	12:04	8.58	8.22	30.23	21.25	2.98	6	123	0.199	SE
C1A	20200408	Cloudy	Moderate	Mid-Ebb	B	9.9	10:46	8.12	8.29	30.36	21.28	2.87	4	122	0.215	E
C1A	20200408	Cloudy	Moderate	Mid-Ebb	B	9.9	10:46	8.34	8.26	30.42	21.19	2.64	4	123	0.227	SE
C1A	20200408	Cloudy	Moderate	Mid-Ebb	M	5.45	10:47	7.96	8.56	30.63	21.28	3.06	5	122	0.182	SE
C1A	20200408	Cloudy	Moderate	Mid-Ebb	M	5.45	10:47	8.48	8.37	30.3	21.19	2.94	6	122	0.197	S
C1A	20200408	Cloudy	Moderate	Mid-Ebb	S	1	10:48	8.15	8.27	30.33	21.1	2.7	7	123	0.214	SE
C1A	20200408	Cloudy	Moderate	Mid-Ebb	S	1	10:48	7.96	8.28	30.4	21.11	2.7	5	122	0.219	S
C2A	20200408	Cloudy	Moderate	Mid-Ebb	B	10.3	12:12	8.24	8.3	30.33	21.16	2.44	5	122	0.176	SE
C2A	20200408	Cloudy	Moderate	Mid-Ebb	B	10.3	12:12	8.47	8.45	30.35	21.44	2.73	4	122	0.241	SE
C2A	20200408	Cloudy	Moderate	Mid-Ebb	M	5.65	12:13	8.38	8.62	30.35	21.2	2.77	5	122	0.177	SE
C2A	20200408	Cloudy	Moderate	Mid-Ebb	M	5.65	12:13	7.85	8.2	30.17	21.37	2.66	4	122	0.186	E
C2A	20200408	Cloudy	Moderate	Mid-Ebb	S	1	12:14	7.83	8.2	30.35	21.25	2.7	6	122	0.237	SE
C2A	20200408	Cloudy	Moderate	Mid-Ebb	S	1	12:14	8.29	8.59	30.61	21.3	2.98	4	122	0.222	SE
CR1	20200408	Cloudy	Moderate	Mid-Ebb	B	12.1	11:51	7.99	8.51	30.51	21.32	2.82	4	123	0.231	SE
CR1	20200408	Cloudy	Moderate	Mid-Ebb	B	12.1	11:51	8.1	8.44	30.25	21.39	2.67	4	123	0.245	E
CR1	20200408	Cloudy	Moderate	Mid-Ebb	M	6.55	11:52	8.37	8.62	30.35	21.19	3.08	4	122	0.226	S
CR1	20200408	Cloudy	Moderate	Mid-Ebb	M	6.55	11:52	8.43	8.2	30.52	21.21	2.93	4	122	0.218	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
CR1	20200408	Cloudy	Moderate	Mid-Ebb	S	1	11:53	8.43	8.24	30.16	21.18	2.75	5	122	0.177	SE
CR1	20200408	Cloudy	Moderate	Mid-Ebb	S	1	11:53	8.15	8.28	30.41	21.46	2.77	4	122	0.176	S
CR2	20200408	Cloudy	Moderate	Mid-Ebb	B	9.8	11:30	8	8.36	30.1	21.33	2.58	4	121	0.215	SE
CR2	20200408	Cloudy	Moderate	Mid-Ebb	B	9.8	11:30	8.3	8.39	30.56	21.36	3.02	4	122	0.202	E
CR2	20200408	Cloudy	Moderate	Mid-Ebb	M	5.4	11:31	7.86	8.33	30.35	21.31	2.96	5	124	0.178	SE
CR2	20200408	Cloudy	Moderate	Mid-Ebb	M	5.4	11:31	8.53	8.46	30.13	21.36	3.03	5	122	0.241	SE
CR2	20200408	Cloudy	Moderate	Mid-Ebb	S	1	11:32	8.24	8.28	30.66	21.4	3.15	5	123	0.216	SE
CR2	20200408	Cloudy	Moderate	Mid-Ebb	S	1	11:32	8.11	8.28	30.21	21.31	2.75	5	122	0.186	SE
F1A	20200408	Cloudy	Moderate	Mid-Ebb	B	7.6	11:42	8.53	8.44	30.25	21.23	2.77	5	123	0.246	S
F1A	20200408	Cloudy	Moderate	Mid-Ebb	B	7.6	11:42	8.41	8.18	30.12	21.29	2.63	4	122	0.211	SE
F1A	20200408	Cloudy	Moderate	Mid-Ebb	M	4.3	11:43	7.96	8.47	30.65	21.21	3.11	5	122	0.25	SE
F1A	20200408	Cloudy	Moderate	Mid-Ebb	M	4.3	11:43	8.36	8.2	30.1	21.33	2.74	5	123	0.213	S
F1A	20200408	Cloudy	Moderate	Mid-Ebb	S	1	11:44	8.37	8.43	30.65	21.41	2.75	5	123	0.186	S
F1A	20200408	Cloudy	Moderate	Mid-Ebb	S	1	11:44	8.38	8.53	30.13	21.21	2.71	5	123	0.244	S
H1	20200408	Cloudy	Moderate	Mid-Ebb	B	7.7	11:12	8.32	8.21	30.69	21.28	3.01	6	122	0.239	SE
H1	20200408	Cloudy	Moderate	Mid-Ebb	B	7.7	11:12	8.04	8.22	30.57	21.28	2.48	6	123	0.23	S
H1	20200408	Cloudy	Moderate	Mid-Ebb	M	4.35	11:13	8.32	8.2	30.15	21.17	2.89	5	123	0.243	E
H1	20200408	Cloudy	Moderate	Mid-Ebb	M	4.35	11:13	8.01	8.54	30.38	21.2	2.98	7	122	0.185	S
H1	20200408	Cloudy	Moderate	Mid-Ebb	S	1	11:14	8.13	8.49	30.26	21.29	2.92	6	122	0.217	E
H1	20200408	Cloudy	Moderate	Mid-Ebb	S	1	11:14	8.1	8.4	30.3	21.3	2.74	6	123	0.195	SE
M1	20200408	Cloudy	Moderate	Mid-Ebb	B	8.3	11:18	8.21	8.18	30.16	21.24	2.82	5	122	0.184	SE
M1	20200408	Cloudy	Moderate	Mid-Ebb	B	8.3	11:18	8.34	8.61	30.3	21.23	2.5	4	123	0.229	SE
M1	20200408	Cloudy	Moderate	Mid-Ebb	M	4.65	11:19	8.19	8.24	30.38	21.27	2.76	3	124	0.19	S
M1	20200408	Cloudy	Moderate	Mid-Ebb	M	4.65	11:19	8.53	8.52	30.61	21.3	2.92	4	123	0.229	SE
M1	20200408	Cloudy	Moderate	Mid-Ebb	S	1	11:20	8.5	8.25	30.22	21.27	3.26	4	123	0.228	E
M1	20200408	Cloudy	Moderate	Mid-Ebb	S	1	11:20	7.98	8.2	30.33	21.28	3.24	3	122	0.18	SE
S1	20200408	Cloudy	Moderate	Mid-Ebb	B	4.2	12:52	7.84	8.61	30.47	21.2	2.54	6	123	0.19	S
S1	20200408	Cloudy	Moderate	Mid-Ebb	B	4.2	12:52	8.02	8.51	30.22	21.37	2.73	7	123	0.197	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
S1	20200408	Cloudy	Moderate	Mid-Ebb	S	1	12:53	8.24	8.33	30.23	21.23	3.04	6	123	0.206	SE
S1	20200408	Cloudy	Moderate	Mid-Ebb	S	1	12:53	8.08	8.24	30.35	21.23	2.93	6	123	0.184	SE
S2A	20200408	Cloudy	Moderate	Mid-Ebb	B	7.9	12:30	7.88	8.41	30.64	21.21	2.63	6	122	0.195	S
S2A	20200408	Cloudy	Moderate	Mid-Ebb	B	7.9	12:30	7.83	8.58	30.58	21.19	2.44	6	123	0.188	SE
S2A	20200408	Cloudy	Moderate	Mid-Ebb	M	4.45	12:31	8.14	8.29	30.41	21.19	2.89	6	123	0.228	E
S2A	20200408	Cloudy	Moderate	Mid-Ebb	M	4.45	12:31	8.32	8.22	30.13	21.53	3.03	6	123	0.202	E
S2A	20200408	Cloudy	Moderate	Mid-Ebb	S	1	12:32	8.02	8.21	30.44	21.35	2.69	7	123	0.199	SE
S2A	20200408	Cloudy	Moderate	Mid-Ebb	S	1	12:32	8.33	8.38	30.63	21.45	2.99	6	122	0.245	S
S3	20200408	Cloudy	Moderate	Mid-Ebb	B	9.8	11:40	7.85	8.24	30.38	21.36	2.44	4	123	0.225	S
S3	20200408	Cloudy	Moderate	Mid-Ebb	B	9.8	11:40	8.46	8.33	30.52	21.41	2.99	4	122	0.233	SE
S3	20200408	Cloudy	Moderate	Mid-Ebb	M	5.4	11:41	8.03	8.2	30.46	21.28	2.85	5	123	0.221	S
S3	20200408	Cloudy	Moderate	Mid-Ebb	M	5.4	11:41	8.09	8.46	30.45	21.23	3.06	5	123	0.216	S
S3	20200408	Cloudy	Moderate	Mid-Ebb	S	1	11:42	8.03	8.2	30.7	21.16	3.24	5	122	0.213	S
S3	20200408	Cloudy	Moderate	Mid-Ebb	S	1	11:42	8.45	8.39	30.42	21.38	2.71	6	120	0.205	S
B1	20200408	Cloudy	Moderate	Mid-Flood	B	4.1	16:17	8.43	8.44	30.39	21.38	2.88	6	122	0.242	W
B1	20200408	Cloudy	Moderate	Mid-Flood	B	4.1	16:17	8.41	8.57	30.25	21.05	2.45	7	121	0.159	W
B1	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:18	8.1	8.3	30.84	21.18	3.12	4	118	0.226	W
B1	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:18	8.14	8.36	30.68	21.14	2.7	4	119	0.238	W
B2	20200408	Cloudy	Moderate	Mid-Flood	B	3.9	16:43	8.72	8.49	30.25	21.11	2.4	7	120	0.183	W
B2	20200408	Cloudy	Moderate	Mid-Flood	B	3.9	16:43	8.14	8.32	30.59	21.13	2.79	6	118	0.209	W
B2	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:44	8.05	8.52	30.77	21.15	2.89	8	121	0.241	SW
B2	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:44	8.43	8.15	30.7	21.22	2.88	8	121	0.192	W
B3	20200408	Cloudy	Moderate	Mid-Flood	B	3.8	16:18	8.34	8.22	30.79	21.4	2.44	5	120	0.248	NW
B3	20200408	Cloudy	Moderate	Mid-Flood	B	3.8	16:18	8.83	8.36	30.39	21.4	2.68	4	120	0.252	SW
B3	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:19	8.83	8.57	30.48	21.16	2.69	5	121	0.198	W
B3	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:19	8.52	8.49	30.49	21.09	2.86	4	120	0.201	SW
B4	20200408	Cloudy	Moderate	Mid-Flood	B	3.9	16:27	8.85	8.54	30.68	21.06	2.84	4	118	0.149	W
B4	20200408	Cloudy	Moderate	Mid-Flood	B	3.9	16:27	8.61	8.4	30.8	21.27	2.87	4	120	0.173	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
B4	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:28	8.74	8.31	30.63	21.22	3.02	4	121	0.145	NW
B4	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:28	8.53	8.27	30.36	21.28	3.06	3	119	0.223	W
C1A	20200408	Cloudy	Moderate	Mid-Flood	B	10.6	15:48	8.45	8.29	30.76	21.16	2.68	3	122	0.22	W
C1A	20200408	Cloudy	Moderate	Mid-Flood	B	10.6	15:48	8.9	8.36	30.29	21.28	2.76	4	122	0.236	W
C1A	20200408	Cloudy	Moderate	Mid-Flood	M	5.8	15:49	8.39	8.55	30.31	21.53	3.01	5	121	0.182	W
C1A	20200408	Cloudy	Moderate	Mid-Flood	M	5.8	15:49	8.24	8.19	30.8	21.55	2.66	4	118	0.247	W
C1A	20200408	Cloudy	Moderate	Mid-Flood	S	1	15:50	8.6	8.37	30.39	21.56	2.97	4	121	0.212	W
C1A	20200408	Cloudy	Moderate	Mid-Flood	S	1	15:50	8.69	8.23	30.32	21.41	2.9	4	121	0.213	NW
C2A	20200408	Cloudy	Moderate	Mid-Flood	B	10.5	15:48	8.23	8.31	30.4	21.21	2.37	4	120	0.221	SW
C2A	20200408	Cloudy	Moderate	Mid-Flood	B	10.5	15:48	8.27	8.45	30.37	21.45	2.67	4	121	0.177	W
C2A	20200408	Cloudy	Moderate	Mid-Flood	M	5.75	15:49	8.58	8.44	30.63	21.46	2.72	3	121	0.166	SW
C2A	20200408	Cloudy	Moderate	Mid-Flood	M	5.75	15:49	8.88	8.53	30.52	21.28	3.11	4	121	0.215	W
C2A	20200408	Cloudy	Moderate	Mid-Flood	S	1	15:50	8.12	8.59	30.56	21.26	2.88	4	122	0.184	W
C2A	20200408	Cloudy	Moderate	Mid-Flood	S	1	15:50	8.69	8.54	30.53	21.44	2.79	5	119	0.159	W
CR1	20200408	Cloudy	Moderate	Mid-Flood	B	11.3	17:55	8.8	8.22	30.71	21.24	2.83	4	121	0.215	NW
CR1	20200408	Cloudy	Moderate	Mid-Flood	B	11.3	17:55	8.21	8.16	30.75	21.06	2.49	5	120	0.209	SW
CR1	20200408	Cloudy	Moderate	Mid-Flood	M	6.15	17:56	8.13	8.53	30.25	21.06	2.72	4	123	0.187	SW
CR1	20200408	Cloudy	Moderate	Mid-Flood	M	6.15	17:56	8.71	8.56	30.7	21.22	2.55	4	121	0.223	W
CR1	20200408	Cloudy	Moderate	Mid-Flood	S	1	17:57	8.13	8.21	30.35	21.26	3.01	5	121	0.179	W
CR1	20200408	Cloudy	Moderate	Mid-Flood	S	1	17:57	8.41	8.21	30.71	21.22	2.83	6	119	0.161	W
CR2	20200408	Cloudy	Moderate	Mid-Flood	B	10.2	17:31	8.67	8.35	30.53	21.41	2.32	5	121	0.246	W
CR2	20200408	Cloudy	Moderate	Mid-Flood	B	10.2	17:31	8.64	8.55	30.35	21.13	2.48	4	120	0.154	W
CR2	20200408	Cloudy	Moderate	Mid-Flood	M	5.6	17:32	8.21	8.3	30.82	21.1	3.11	4	120	0.202	W
CR2	20200408	Cloudy	Moderate	Mid-Flood	M	5.6	17:32	8.31	8.5	30.26	21.13	2.83	5	120	0.144	SW
CR2	20200408	Cloudy	Moderate	Mid-Flood	S	1	17:33	8.19	8.28	30.76	21.35	3.06	5	116	0.221	SW
CR2	20200408	Cloudy	Moderate	Mid-Flood	S	1	17:33	8.26	8.59	30.71	21.41	3.04	5	118	0.248	NW
F1A	20200408	Cloudy	Moderate	Mid-Flood	B	6.9	16:52	8.59	8.48	30.3	21.13	2.65	8	121	0.167	W
F1A	20200408	Cloudy	Moderate	Mid-Flood	B	6.9	16:52	8.58	8.47	30.83	21.32	2.61	9	119	0.184	W

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20200408	Cloudy	Moderate	Mid-Flood	M	3.95	16:53	8.77	8.46	30.28	21.07	2.56	7	120	0.205	SW
F1A	20200408	Cloudy	Moderate	Mid-Flood	M	3.95	16:53	8.05	8.6	30.22	21.33	3.11	8	120	0.233	NW
F1A	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:54	8.5	8.23	30.33	21.2	3.12	8	122	0.148	W
F1A	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:54	8.7	8.58	30.51	21.46	3.21	7	120	0.185	W
H1	20200408	Cloudy	Moderate	Mid-Flood	B	6.8	16:03	8.18	8.58	30.4	21.12	2.66	6	119	0.206	NW
H1	20200408	Cloudy	Moderate	Mid-Flood	B	6.8	16:03	8.61	8.41	30.69	21.38	2.54	7	120	0.208	W
H1	20200408	Cloudy	Moderate	Mid-Flood	M	3.9	16:04	8.31	8.38	30.43	21.14	2.91	5	120	0.144	W
H1	20200408	Cloudy	Moderate	Mid-Flood	M	3.9	16:04	8.22	8.42	30.64	21.18	2.7	4	119	0.19	SW
H1	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:05	8.48	8.35	30.6	21.39	2.7	4	121	0.247	W
H1	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:05	8.41	8.43	30.56	21.14	2.85	4	121	0.173	W
M1	20200408	Cloudy	Moderate	Mid-Flood	B	7.1	17:13	8.08	8.58	30.42	21.18	2.55	5	121	0.17	W
M1	20200408	Cloudy	Moderate	Mid-Flood	B	7.1	17:13	8.56	8.42	30.24	21.07	2.74	4	122	0.166	NW
M1	20200408	Cloudy	Moderate	Mid-Flood	M	4.05	17:14	8.84	8.49	30.71	21.35	2.75	5	122	0.173	W
M1	20200408	Cloudy	Moderate	Mid-Flood	M	4.05	17:14	8.36	8.37	30.66	21.14	2.76	4	119	0.175	NW
M1	20200408	Cloudy	Moderate	Mid-Flood	S	1	17:15	8.23	8.42	30.81	21.33	2.7	7	120	0.155	NW
M1	20200408	Cloudy	Moderate	Mid-Flood	S	1	17:15	8.36	8.22	30.58	21.37	3.24	6	122	0.252	W
S1	20200408	Cloudy	Moderate	Mid-Flood	B	4.5	16:34	8.65	8.39	30.85	21.1	2.38	11	119	0.212	W
S1	20200408	Cloudy	Moderate	Mid-Flood	B	4.5	16:34	8.87	8.3	30.48	21.21	2.44	8	120	0.153	W
S1	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:35	8.67	8.44	30.42	21.34	3.01	9	120	0.244	W
S1	20200408	Cloudy	Moderate	Mid-Flood	S	1	16:35	8.59	8.4	30.71	21.23	2.9	8	119	0.227	W
S2A	20200408	Cloudy	Moderate	Mid-Flood	B	8.2	17:05	8.76	8.47	30.32	21.02	2.79	9	121	0.222	W
S2A	20200408	Cloudy	Moderate	Mid-Flood	B	8.2	17:05	8.47	8.57	30.55	21.24	2.61	8	118	0.158	NW
S2A	20200408	Cloudy	Moderate	Mid-Flood	M	4.6	17:06	8.43	8.58	30.25	21.36	2.82	9	119	0.245	W
S2A	20200408	Cloudy	Moderate	Mid-Flood	M	4.6	17:06	8.51	8.47	30.7	21.19	2.96	8	121	0.191	SW
S2A	20200408	Cloudy	Moderate	Mid-Flood	S	1	17:07	8.39	8.33	30.68	21.11	2.87	8	121	0.176	NW
S2A	20200408	Cloudy	Moderate	Mid-Flood	S	1	17:07	8.58	8.5	30.55	21.01	2.85	7	119	0.174	NW
S3	20200408	Cloudy	Moderate	Mid-Flood	B	8.5	17:40	8.53	8.32	30.45	21.2	2.82	6	121	0.202	NW
S3	20200408	Cloudy	Moderate	Mid-Flood	B	8.5	17:40	8.65	8.51	30.27	21.13	2.71	4	119	0.203	SW

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (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	20200408	Cloudy	Moderate	Mid-Flood	M	4.75	17:41	8.34	8.26	30.43	21.01	2.96	7	121	0.248	NW
S3	20200408	Cloudy	Moderate	Mid-Flood	M	4.75	17:41	8.79	8.27	30.5	21.01	3.01	8	121	0.252	SW
S3	20200408	Cloudy	Moderate	Mid-Flood	S	1	17:42	8.35	8.36	30.8	21.24	2.98	10	119	0.181	SW
S3	20200408	Cloudy	Moderate	Mid-Flood	S	1	17:42	8.77	8.59	30.7	21.23	2.92	7	121	0.247	W
B1	20200410	Sunny	Moderate	Mid-Flood	B	3.9	9:36	8.58	8.5	31.61	21.47	2.38	6	117	0.141	SW
B1	20200410	Sunny	Moderate	Mid-Flood	B	3.9	9:36	8.14	8.41	31.4	21.77	2.8	7	116	0.189	W
B1	20200410	Sunny	Moderate	Mid-Flood	S	1	9:37	8.22	8.55	30.99	21.4	2.69	5	118	0.099	SW
B1	20200410	Sunny	Moderate	Mid-Flood	S	1	9:37	8.2	8.28	30.87	21.32	2.77	5	115	0.182	W
B2	20200410	Sunny	Moderate	Mid-Flood	B	3.6	9:54	8.56	8.39	30.94	21.39	2.67	4	117	0.126	W
B2	20200410	Sunny	Moderate	Mid-Flood	B	3.6	9:54	8.21	8.42	31.63	21.6	2.34	5	120	0.129	W
B2	20200410	Sunny	Moderate	Mid-Flood	S	1	9:55	8.03	8.48	31.3	21.74	3.15	4	118	0.178	W
B2	20200410	Sunny	Moderate	Mid-Flood	S	1	9:55	8.16	8.67	30.91	21.31	3.24	4	119	0.149	NW
B3	20200410	Sunny	Moderate	Mid-Flood	B	3.7	9:08	7.93	8.23	30.91	21.2	2.91	7	119	0.191	NW
B3	20200410	Sunny	Moderate	Mid-Flood	B	3.7	9:08	7.89	8.69	30.88	21.21	2.65	7	116	0.151	W
B3	20200410	Sunny	Moderate	Mid-Flood	S	1	9:09	8.54	8.54	31.65	21.56	2.77	4	120	0.106	SW
B3	20200410	Sunny	Moderate	Mid-Flood	S	1	9:09	8.12	8.63	31.38	21.34	2.92	4	119	0.169	SW
B4	20200410	Sunny	Moderate	Mid-Flood	B	4.4	9:01	8.38	8.35	31.08	21.7	2.65	5	118	0.187	SW
B4	20200410	Sunny	Moderate	Mid-Flood	B	4.4	9:01	8.4	8.58	31.43	21.57	2.46	5	116	0.123	W
B4	20200410	Sunny	Moderate	Mid-Flood	S	1	9:02	8.36	8.41	31.18	21.26	2.79	5	118	0.171	SW
B4	20200410	Sunny	Moderate	Mid-Flood	S	1	9:02	8.24	8.5	30.81	21.71	3.19	4	120	0.175	W
C1A	20200410	Sunny	Moderate	Mid-Flood	B	10.3	9:01	7.94	8.36	30.85	21.58	2.61	5	118	0.138	NW
C1A	20200410	Sunny	Moderate	Mid-Flood	B	10.3	9:01	8.14	8.32	30.88	21.47	2.44	5	121	0.191	W
C1A	20200410	Sunny	Moderate	Mid-Flood	M	5.65	9:02	8.39	8.27	31.44	21.2	2.92	4	115	0.114	W
C1A	20200410	Sunny	Moderate	Mid-Flood	M	5.65	9:02	8.38	8.55	31.57	21.31	2.93	4	117	0.147	W
C1A	20200410	Sunny	Moderate	Mid-Flood	S	1	9:03	8.01	8.57	31.23	21.65	2.82	4	118	0.163	W
C1A	20200410	Sunny	Moderate	Mid-Flood	S	1	9:03	7.82	8.24	31.6	21.26	3.16	4	118	0.146	W
C2A	20200410	Sunny	Moderate	Mid-Flood	B	10.5	8:00	8.11	8.64	31.06	21.64	2.54	5	118	0.188	SW
C2A	20200410	Sunny	Moderate	Mid-Flood	B	10.5	8:00	7.96	8.38	30.9	21.66	2.77	5	118	0.132	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	20200410	Sunny	Moderate	Mid-Flood	M	5.75	8:01	7.96	8.33	31.52	21.7	2.95	5	119	0.167	W
C2A	20200410	Sunny	Moderate	Mid-Flood	M	5.75	8:01	8.1	8.67	31.09	21.14	2.77	5	119	0.174	SW
C2A	20200410	Sunny	Moderate	Mid-Flood	S	1	8:02	8.33	8.29	31.6	21.35	2.79	4	114	0.101	W
C2A	20200410	Sunny	Moderate	Mid-Flood	S	1	8:02	8.04	8.24	31.25	21.26	3.19	4	115	0.144	W
CR1	20200410	Sunny	Moderate	Mid-Flood	B	12.1	8:22	7.94	8.68	31.73	21.53	2.47	6	121	0.141	W
CR1	20200410	Sunny	Moderate	Mid-Flood	B	12.1	8:22	8.54	8.37	30.9	21.69	2.54	6	121	0.1	NW
CR1	20200410	Sunny	Moderate	Mid-Flood	M	6.55	8:23	8.53	8.23	30.89	21.3	2.69	6	121	0.101	NW
CR1	20200410	Sunny	Moderate	Mid-Flood	M	6.55	8:23	8.23	8.21	31.2	21.37	3.11	6	120	0.192	W
CR1	20200410	Sunny	Moderate	Mid-Flood	S	1	8:24	8.5	8.4	31.39	21.36	3.12	4	121	0.176	W
CR1	20200410	Sunny	Moderate	Mid-Flood	S	1	8:24	8.52	8.67	31.28	21.23	2.94	4	120	0.17	W
CR2	20200410	Sunny	Moderate	Mid-Flood	B	10.3	8:36	8.61	8.24	31.5	21.56	2.86	7	121	0.191	W
CR2	20200410	Sunny	Moderate	Mid-Flood	B	10.3	8:36	8.4	8.43	31.07	21.34	2.57	7	120	0.126	W
CR2	20200410	Sunny	Moderate	Mid-Flood	M	5.65	8:37	8.27	8.62	31.5	21.29	2.71	6	120	0.182	SW
CR2	20200410	Sunny	Moderate	Mid-Flood	M	5.65	8:37	7.86	8.21	31.33	21.54	3.08	5	121	0.149	W
CR2	20200410	Sunny	Moderate	Mid-Flood	S	1	8:38	8.58	8.37	31.77	21.48	2.93	5	120	0.156	W
CR2	20200410	Sunny	Moderate	Mid-Flood	S	1	8:38	8.61	8.49	31.1	21.17	3.03	5	120	0.189	SW
F1A	20200410	Sunny	Moderate	Mid-Flood	B	7.1	9:38	8.57	8.2	31.04	21.5	2.79	7	118	0.126	SW
F1A	20200410	Sunny	Moderate	Mid-Flood	B	7.1	9:38	8.53	8.69	30.97	21.77	2.87	7	120	0.187	NW
F1A	20200410	Sunny	Moderate	Mid-Flood	M	4.05	9:39	7.86	8.39	31.32	21.51	2.93	5	122	0.1	W
F1A	20200410	Sunny	Moderate	Mid-Flood	M	4.05	9:39	7.88	8.42	30.88	21.53	3.13	5	120	0.135	W
F1A	20200410	Sunny	Moderate	Mid-Flood	S	1	9:40	8.12	8.32	30.9	21.73	3.15	4	119	0.181	W
F1A	20200410	Sunny	Moderate	Mid-Flood	S	1	9:40	7.89	8.62	31.66	21.72	2.86	4	118	0.108	W
H1	20200410	Sunny	Moderate	Mid-Flood	B	7.5	9:28	8.12	8.49	31.26	21.63	2.65	8	118	0.15	NW
H1	20200410	Sunny	Moderate	Mid-Flood	B	7.5	9:28	8.58	8.26	31.13	21.33	2.56	8	118	0.147	NW
H1	20200410	Sunny	Moderate	Mid-Flood	M	4.25	9:29	8.56	8.69	31.59	21.58	2.99	6	119	0.157	W
H1	20200410	Sunny	Moderate	Mid-Flood	M	4.25	9:29	7.99	8.29	30.97	21.46	2.77	6	119	0.166	W
H1	20200410	Sunny	Moderate	Mid-Flood	S	1	9:30	8.37	8.39	30.82	21.62	2.86	6	117	0.167	W
H1	20200410	Sunny	Moderate	Mid-Flood	S	1	9:30	8.54	8.28	31.16	21.29	3.09	6	117	0.182	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
M1	20200410	Sunny	Moderate	Mid-Flood	B	6.6	8:18	8.59	8.22	31.07	21.47	2.52	6	120	0.099	W
M1	20200410	Sunny	Moderate	Mid-Flood	B	6.6	8:18	8.41	8.43	30.9	21.6	2.33	6	120	0.102	W
M1	20200410	Sunny	Moderate	Mid-Flood	M	3.8	8:19	7.88	8.57	31.3	21.15	2.69	8	120	0.144	NW
M1	20200410	Sunny	Moderate	Mid-Flood	M	3.8	8:19	8.08	8.58	31.43	21.62	2.83	8	121	0.144	W
M1	20200410	Sunny	Moderate	Mid-Flood	S	1	8:20	8.23	8.25	31.41	21.21	3.04	8	119	0.188	W
M1	20200410	Sunny	Moderate	Mid-Flood	S	1	8:20	8.57	8.53	31.65	21.64	2.77	8	120	0.13	SW
S1	20200410	Sunny	Moderate	Mid-Flood	B	4.8	9:45	8.12	8.55	31.24	21.75	2.37	5	117	0.166	W
S1	20200410	Sunny	Moderate	Mid-Flood	B	4.8	9:45	8.45	8.69	31.23	21.68	2.44	4	115	0.179	W
S1	20200410	Sunny	Moderate	Mid-Flood	S	1	9:46	8.21	8.4	31.06	21.47	3.18	5	122	0.18	W
S1	20200410	Sunny	Moderate	Mid-Flood	S	1	9:46	8.38	8.44	30.94	21.47	2.95	5	120	0.105	W
S2A	20200410	Sunny	Moderate	Mid-Flood	B	8.9	9:23	8.02	8.31	30.88	21.43	2.9	5	120	0.127	W
S2A	20200410	Sunny	Moderate	Mid-Flood	B	8.9	9:23	7.96	8.19	30.83	21.33	2.32	5	119	0.157	W
S2A	20200410	Sunny	Moderate	Mid-Flood	M	4.95	9:24	8.06	8.44	31.1	21.44	2.9	5	115	0.133	SW
S2A	20200410	Sunny	Moderate	Mid-Flood	M	4.95	9:24	8.15	8.69	31.67	21.71	2.98	4	117	0.105	W
S2A	20200410	Sunny	Moderate	Mid-Flood	S	1	9:25	8.01	8.4	30.83	21.4	3.1	4	121	0.184	SW
S2A	20200410	Sunny	Moderate	Mid-Flood	S	1	9:25	8.51	8.55	31.37	21.5	3.09	4	119	0.141	W
S3	20200410	Sunny	Moderate	Mid-Flood	B	8.6	8:44	8.02	8.24	31.17	21.21	2.71	3	119	0.168	W
S3	20200410	Sunny	Moderate	Mid-Flood	B	8.6	8:44	8.12	8.29	30.93	21.5	2.39	3	120	0.15	W
S3	20200410	Sunny	Moderate	Mid-Flood	M	4.8	8:45	8.07	8.21	31.23	21.18	3.07	5	121	0.176	W
S3	20200410	Sunny	Moderate	Mid-Flood	M	4.8	8:45	8.11	8.44	31.27	21.68	3.05	5	118	0.136	W
S3	20200410	Sunny	Moderate	Mid-Flood	S	1	8:46	7.85	8.21	31.71	21.63	2.81	6	118	0.183	W
S3	20200410	Sunny	Moderate	Mid-Flood	S	1	8:46	8.39	8.55	31.58	21.25	2.94	6	121	0.158	W
B1	20200410	Sunny	Moderate	Mid-Ebb	B	4.1	12:26	8.13	8.41	31.02	22.06	2.56	8	123	0.187	S
B1	20200410	Sunny	Moderate	Mid-Ebb	B	4.1	12:26	8.44	8.16	30.96	22.2	2.92	8	122	0.195	SE
B1	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:27	8.26	8.36	30.91	21.83	3.1	6	122	0.172	SE
B1	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:27	8.37	8.28	31.3	21.73	3.14	6	123	0.161	S
B2	20200410	Sunny	Moderate	Mid-Ebb	B	4.1	12:08	7.98	8.61	31.23	21.79	2.7	6	122	0.152	S
B2	20200410	Sunny	Moderate	Mid-Ebb	B	4.1	12:08	8.23	8.32	30.87	22.21	3.02	6	122	0.174	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	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:09	7.93	8.61	31.08	21.95	2.75	7	121	0.173	S
B2	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:09	8.14	8.32	31	21.94	2.7	8	122	0.181	SE
B3	20200410	Sunny	Moderate	Mid-Ebb	B	4	12:54	8.25	8.32	31.03	22.05	2.58	5	122	0.185	SE
B3	20200410	Sunny	Moderate	Mid-Ebb	B	4	12:54	8.12	8.24	30.93	21.9	2.44	5	122	0.202	SE
B3	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:55	8.12	8.21	31.23	22.06	3.08	6	122	0.161	SE
B3	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:55	7.98	8.49	31.47	21.88	2.8	6	122	0.177	S
B4	20200410	Sunny	Moderate	Mid-Ebb	B	3.6	13:01	8.11	8.41	31.13	21.83	2.77	4	122	0.134	S
B4	20200410	Sunny	Moderate	Mid-Ebb	B	3.6	13:01	8.32	8.53	31.42	22.16	2.83	4	121	0.179	SE
B4	20200410	Sunny	Moderate	Mid-Ebb	S	1	13:02	7.94	8.55	30.87	21.85	2.71	6	122	0.185	E
B4	20200410	Sunny	Moderate	Mid-Ebb	S	1	13:02	8.08	8.57	31.1	22.3	2.87	6	122	0.134	SE
C1A	20200410	Sunny	Moderate	Mid-Ebb	B	9.2	12:07	8.36	8.53	31.28	21.74	2.75	4	122	0.125	S
C1A	20200410	Sunny	Moderate	Mid-Ebb	B	9.2	12:07	8.35	8.54	31.17	22.15	2.97	4	122	0.158	SE
C1A	20200410	Sunny	Moderate	Mid-Ebb	M	5.1	12:08	8.09	8.49	31.26	21.79	2.85	6	122	0.125	SE
C1A	20200410	Sunny	Moderate	Mid-Ebb	M	5.1	12:08	7.96	8.23	31.13	22.22	2.7	6	122	0.176	S
C1A	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:09	8.07	8.38	31.17	21.75	3.01	6	121	0.197	SE
C1A	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:09	8.43	8.25	31.48	21.94	2.7	6	121	0.157	SE
C2A	20200410	Sunny	Moderate	Mid-Ebb	B	10.9	13:33	8.43	8.44	31.3	22.41	2.6	4	122	0.198	SE
C2A	20200410	Sunny	Moderate	Mid-Ebb	B	10.9	13:33	7.94	8.26	31.23	22.12	2.69	4	122	0.143	E
C2A	20200410	Sunny	Moderate	Mid-Ebb	M	5.95	13:34	8.26	8.35	31.38	21.94	2.96	5	121	0.194	S
C2A	20200410	Sunny	Moderate	Mid-Ebb	M	5.95	13:34	8.34	8.61	31.14	22.1	2.77	5	122	0.145	SE
C2A	20200410	Sunny	Moderate	Mid-Ebb	S	1	13:35	8.02	8.21	31.35	22.36	2.81	7	121	0.152	S
C2A	20200410	Sunny	Moderate	Mid-Ebb	S	1	13:35	8.21	8.57	31.01	22.3	3.21	7	122	0.123	SE
CR1	20200410	Sunny	Moderate	Mid-Ebb	B	12.8	13:09	8.43	8.5	30.82	21.93	2.56	5	122	0.151	S
CR1	20200410	Sunny	Moderate	Mid-Ebb	B	12.8	13:09	8.43	8.51	31.16	22.26	2.82	5	122	0.158	SE
CR1	20200410	Sunny	Moderate	Mid-Ebb	M	6.9	13:10	8.1	8.49	31.1	22.27	2.65	6	121	0.158	S
CR1	20200410	Sunny	Moderate	Mid-Ebb	M	6.9	13:10	8.37	8.38	31.28	22.06	2.77	6	122	0.121	SE
CR1	20200410	Sunny	Moderate	Mid-Ebb	S	1	13:11	8.18	8.37	30.86	22.07	3.11	8	122	0.192	S
CR1	20200410	Sunny	Moderate	Mid-Ebb	S	1	13:11	8.03	8.39	31.46	22.18	3.03	8	122	0.118	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	20200410	Sunny	Moderate	Mid-Ebb	B	11.1	12:48	8.26	8.43	31.28	21.98	2.96	7	122	0.198	S
CR2	20200410	Sunny	Moderate	Mid-Ebb	B	11.1	12:48	8.1	8.59	30.95	22.24	2.43	7	123	0.192	SE
CR2	20200410	Sunny	Moderate	Mid-Ebb	M	6.05	12:49	8.3	8.26	30.85	22.01	2.58	8	122	0.193	E
CR2	20200410	Sunny	Moderate	Mid-Ebb	M	6.05	12:49	8.47	8.24	31.2	21.8	2.93	8	122	0.116	SE
CR2	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:50	8.21	8.44	31.01	21.79	2.67	8	121	0.172	S
CR2	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:50	8.3	8.56	30.83	22.3	3.26	8	121	0.13	SE
F1A	20200410	Sunny	Moderate	Mid-Ebb	B	7.2	13:25	8.02	8.18	31.36	21.94	2.44	5	120	0.184	S
F1A	20200410	Sunny	Moderate	Mid-Ebb	B	7.2	13:25	8.13	8.62	31.34	21.9	2.66	5	122	0.141	SE
F1A	20200410	Sunny	Moderate	Mid-Ebb	M	4.1	13:26	8.1	8.62	31.01	22.15	2.93	6	121	0.139	SE
F1A	20200410	Sunny	Moderate	Mid-Ebb	M	4.1	13:26	8.22	8.32	31.48	21.99	2.75	6	121	0.134	E
F1A	20200410	Sunny	Moderate	Mid-Ebb	S	1	13:27	8.45	8.5	31.23	21.87	2.69	8	122	0.146	E
F1A	20200410	Sunny	Moderate	Mid-Ebb	S	1	13:27	8.44	8.26	30.94	21.99	3.21	8	122	0.156	S
H1	20200410	Sunny	Moderate	Mid-Ebb	B	7.3	12:32	8.3	8.46	31.03	22.12	2.88	5	122	0.139	SE
H1	20200410	Sunny	Moderate	Mid-Ebb	B	7.3	12:32	7.98	8.38	30.99	22.05	2.79	5	121	0.169	S
H1	20200410	Sunny	Moderate	Mid-Ebb	M	4.15	12:33	8.2	8.23	31.12	22.13	2.99	7	122	0.202	SE
H1	20200410	Sunny	Moderate	Mid-Ebb	M	4.15	12:33	8.45	8.29	31.07	22.09	2.94	6	121	0.136	S
H1	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:34	8.06	8.45	31.48	22.26	3.08	8	122	0.146	S
H1	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:34	8.22	8.29	30.96	21.84	3.16	7	122	0.125	E
M1	20200410	Sunny	Moderate	Mid-Ebb	B	8.8	13:44	8.35	8.54	31.39	22.4	2.7	7	121	0.136	E
M1	20200410	Sunny	Moderate	Mid-Ebb	B	8.8	13:44	8.02	8.4	30.83	21.99	2.53	7	121	0.126	S
M1	20200410	Sunny	Moderate	Mid-Ebb	M	4.9	13:45	8.46	8.28	31.31	22.35	3.12	6	122	0.191	SE
M1	20200410	Sunny	Moderate	Mid-Ebb	M	4.9	13:45	8.45	8.31	31.5	21.92	2.69	6	122	0.138	SE
M1	20200410	Sunny	Moderate	Mid-Ebb	S	1	13:46	8.07	8.36	30.97	22.17	2.88	5	121	0.179	SE
M1	20200410	Sunny	Moderate	Mid-Ebb	S	1	13:46	7.99	8.19	31.26	22.17	2.96	5	122	0.125	S
S1	20200410	Sunny	Moderate	Mid-Ebb	B	3.8	12:17	8.45	8.38	31.4	21.82	2.52	6	122	0.183	SE
S1	20200410	Sunny	Moderate	Mid-Ebb	B	3.8	12:17	7.97	8.18	30.97	21.92	2.43	7	122	0.139	S
S1	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:18	8.46	8.6	31.45	21.94	2.98	5	121	0.149	SE
S1	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:18	8.1	8.34	31.37	22.06	3.25	5	122	0.19	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
S2A	20200410	Sunny	Moderate	Mid-Ebb	B	8.1	12:40	8.38	8.44	31.12	22.17	2.6	9	122	0.119	SE
S2A	20200410	Sunny	Moderate	Mid-Ebb	B	8.1	12:40	8.25	8.35	30.93	22.14	3	9	122	0.13	E
S2A	20200410	Sunny	Moderate	Mid-Ebb	M	4.55	12:41	8.04	8.33	31.23	22.26	2.89	7	122	0.146	S
S2A	20200410	Sunny	Moderate	Mid-Ebb	M	4.55	12:41	8.02	8.42	30.87	21.95	2.69	8	122	0.128	S
S2A	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:42	8.38	8.23	31.19	21.83	3.1	6	122	0.179	S
S2A	20200410	Sunny	Moderate	Mid-Ebb	S	1	12:42	8.03	8.55	31.2	21.85	3.25	6	122	0.196	S
S3	20200410	Sunny	Moderate	Mid-Ebb	B	10	12:58	8	8.55	31.4	21.91	2.96	7	122	0.122	SE
S3	20200410	Sunny	Moderate	Mid-Ebb	B	10	12:58	8.06	8.44	30.97	21.95	2.45	7	121	0.151	S
S3	20200410	Sunny	Moderate	Mid-Ebb	M	5.5	12:59	8.16	8.57	31.39	22.27	2.81	5	122	0.162	S
S3	20200410	Sunny	Moderate	Mid-Ebb	M	5.5	12:59	8.49	8.3	31.16	22.23	2.76	5	122	0.178	SE
S3	20200410	Sunny	Moderate	Mid-Ebb	S	1	13:00	8.29	8.44	31.15	21.82	2.87	4	122	0.13	S
S3	20200410	Sunny	Moderate	Mid-Ebb	S	1	13:00	8.31	8.21	31.24	21.89	2.68	4	122	0.136	E
B1	20200414	Sunny	Moderate	Mid-Flood	B	4.4	11:18	7.28	8.7	31.56	21.65	3.23	3	117	0.187	W
B1	20200414	Sunny	Moderate	Mid-Flood	B	4.4	11:18	8.11	8.54	32	21.84	3.37	4	116	0.174	NW
B1	20200414	Sunny	Moderate	Mid-Flood	S	1	11:19	7.84	8.39	31.75	21.48	2.89	3	115	0.176	W
B1	20200414	Sunny	Moderate	Mid-Flood	S	1	11:19	8.28	8.63	32.02	21.55	2.78	4	115	0.226	W
B2	20200414	Sunny	Moderate	Mid-Flood	B	4.1	11:36	7.38	8.59	31.59	21.67	2.98	4	118	0.225	W
B2	20200414	Sunny	Moderate	Mid-Flood	B	4.1	11:36	7.89	8.58	31.86	21.74	3.42	4	119	0.279	W
B2	20200414	Sunny	Moderate	Mid-Flood	S	1	11:37	7.39	8.42	31.91	21.96	2.91	2	116	0.241	W
B2	20200414	Sunny	Moderate	Mid-Flood	S	1	11:37	8.01	8.65	31.76	21.68	2.41	3	115	0.173	W
B3	20200414	Sunny	Moderate	Mid-Flood	B	4.2	10:59	7.74	8.4	31.95	21.64	3.09	3	119	0.193	W
B3	20200414	Sunny	Moderate	Mid-Flood	B	4.2	10:59	7.54	8.55	32.06	21.64	3.06	4	119	0.176	W
B3	20200414	Sunny	Moderate	Mid-Flood	S	1	11:00	7.77	8.66	31.92	21.53	2.48	5	118	0.282	W
B3	20200414	Sunny	Moderate	Mid-Flood	S	1	11:00	7.57	8.65	31.53	21.74	2.82	4	116	0.218	W
B4	20200414	Sunny	Moderate	Mid-Flood	B	4.5	10:51	7.82	8.56	31.88	21.71	3.47	6	117	0.251	W
B4	20200414	Sunny	Moderate	Mid-Flood	B	4.5	10:51	7.77	8.46	31.53	21.54	3.51	4	115	0.213	W
B4	20200414	Sunny	Moderate	Mid-Flood	S	1	10:52	8.2	8.6	31.94	21.57	2.88	5	119	0.234	W
B4	20200414	Sunny	Moderate	Mid-Flood	S	1	10:52	7.3	8.63	31.74	21.52	2.63	4	118	0.173	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
C1A	20200414	Sunny	Moderate	Mid-Flood	B	10.4	10:11	8.25	8.59	31.58	21.39	3.17	4	120	0.242	W
C1A	20200414	Sunny	Moderate	Mid-Flood	B	10.4	10:11	7.55	8.39	31.58	21.25	3.44	5	118	0.246	W
C1A	20200414	Sunny	Moderate	Mid-Flood	M	5.7	10:12	7.85	8.43	31.8	21.67	3.09	4	118	0.191	W
C1A	20200414	Sunny	Moderate	Mid-Flood	M	5.7	10:12	8.12	8.67	32.01	21.5	2.94	4	119	0.269	W
C1A	20200414	Sunny	Moderate	Mid-Flood	S	1	10:13	7.44	8.39	31.89	21.33	2.53	4	117	0.192	W
C1A	20200414	Sunny	Moderate	Mid-Flood	S	1	10:13	8.23	8.57	31.63	21.68	2.8	4	117	0.275	NW
C2A	20200414	Sunny	Moderate	Mid-Flood	B	10.6	9:17	7.37	8.62	31.86	21.15	3.35	2	115	0.217	NW
C2A	20200414	Sunny	Moderate	Mid-Flood	B	10.6	9:17	8.15	8.66	31.94	21.47	3.43	4	115	0.18	W
C2A	20200414	Sunny	Moderate	Mid-Flood	M	5.8	9:18	7.28	8.4	31.79	21.38	2.86	4	117	0.259	W
C2A	20200414	Sunny	Moderate	Mid-Flood	M	5.8	9:18	7.99	8.66	31.52	21.53	2.72	4	116	0.236	NW
C2A	20200414	Sunny	Moderate	Mid-Flood	S	1	9:19	7.68	8.38	31.64	21.52	2.9	4	117	0.281	W
C2A	20200414	Sunny	Moderate	Mid-Flood	S	1	9:19	8.08	8.36	31.57	21.56	2.67	5	116	0.263	W
CR1	20200414	Sunny	Moderate	Mid-Flood	B	11.8	9:29	7.31	8.44	31.72	21.55	3.3	3	115	0.261	W
CR1	20200414	Sunny	Moderate	Mid-Flood	B	11.8	9:29	7.37	8.45	31.91	21.3	3.24	4	116	0.253	W
CR1	20200414	Sunny	Moderate	Mid-Flood	M	6.4	9:30	7.93	8.42	31.61	21.25	2.94	4	115	0.25	W
CR1	20200414	Sunny	Moderate	Mid-Flood	M	6.4	9:30	7.71	8.7	31.53	21.24	3.06	4	115	0.218	W
CR1	20200414	Sunny	Moderate	Mid-Flood	S	1	9:31	8.11	8.59	31.99	21.11	2.51	4	115	0.26	W
CR1	20200414	Sunny	Moderate	Mid-Flood	S	1	9:31	8.15	8.38	31.65	21.58	2.71	4	117	0.182	NW
CR2	20200414	Sunny	Moderate	Mid-Flood	B	9.8	9:45	7.98	8.57	31.51	21.28	3.26	4	116	0.205	W
CR2	20200414	Sunny	Moderate	Mid-Flood	B	9.8	9:45	8.31	8.67	32	21.42	3.28	4	116	0.241	W
CR2	20200414	Sunny	Moderate	Mid-Flood	M	5.4	9:46	7.3	8.58	32.01	21.48	2.61	5	115	0.274	W
CR2	20200414	Sunny	Moderate	Mid-Flood	M	5.4	9:46	8.19	8.58	31.8	21.53	3.02	4	113	0.224	W
CR2	20200414	Sunny	Moderate	Mid-Flood	S	1	9:47	8.28	8.6	31.96	21.6	2.93	2	114	0.188	W
CR2	20200414	Sunny	Moderate	Mid-Flood	S	1	9:47	8.31	8.47	31.64	21.26	2.49	3	116	0.174	W
F1A	20200414	Sunny	Moderate	Mid-Flood	B	7.6	10:28	7.66	8.37	31.57	21.39	3.05	3	118	0.258	W
F1A	20200414	Sunny	Moderate	Mid-Flood	B	7.6	10:28	7.51	8.7	31.75	21.36	3.36	3	120	0.254	W
F1A	20200414	Sunny	Moderate	Mid-Flood	M	4.3	10:29	7.69	8.69	31.5	21.6	3	2	120	0.254	W
F1A	20200414	Sunny	Moderate	Mid-Flood	M	4.3	10:29	7.57	8.54	31.55	21.44	3.03	3	118	0.278	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	20200414	Sunny	Moderate	Mid-Flood	S	1	10:30	7.96	8.68	31.77	21.59	2.83	3	121	0.237	NW
F1A	20200414	Sunny	Moderate	Mid-Flood	S	1	10:30	7.73	8.62	31.91	21.43	2.47	3	119	0.211	W
H1	20200414	Sunny	Moderate	Mid-Flood	B	6.5	10:56	7.85	8.59	31.74	21.6	3.06	3	117	0.248	W
H1	20200414	Sunny	Moderate	Mid-Flood	B	6.5	10:56	7.79	8.42	31.9	21.52	3.45	4	117	0.248	NW
H1	20200414	Sunny	Moderate	Mid-Flood	M	3.75	10:57	7.93	8.47	31.56	21.77	2.54	6	116	0.205	NW
H1	20200414	Sunny	Moderate	Mid-Flood	M	3.75	10:57	7.72	8.51	31.53	21.57	2.62	6	116	0.198	W
H1	20200414	Sunny	Moderate	Mid-Flood	S	1	10:58	8.03	8.68	31.64	21.79	2.64	5	116	0.201	W
H1	20200414	Sunny	Moderate	Mid-Flood	S	1	10:58	7.27	8.57	31.59	21.76	2.93	4	117	0.277	W
M1	20200414	Sunny	Moderate	Mid-Flood	B	6.5	10:04	8.2	8.54	31.54	21.6	3.33	3	118	0.184	W
M1	20200414	Sunny	Moderate	Mid-Flood	B	6.5	10:04	7.73	8.36	31.55	21.5	3.23	2	115	0.248	W
M1	20200414	Sunny	Moderate	Mid-Flood	M	3.75	10:05	7.73	8.58	31.53	21.57	2.57	4	118	0.202	NW
M1	20200414	Sunny	Moderate	Mid-Flood	M	3.75	10:05	7.66	8.66	32	21.56	3.09	3	116	0.27	W
M1	20200414	Sunny	Moderate	Mid-Flood	S	1	10:06	7.34	8.38	31.57	21.41	2.77	4	114	0.223	W
M1	20200414	Sunny	Moderate	Mid-Flood	S	1	10:06	8.21	8.56	31.93	21.45	2.51	3	117	0.24	W
S1	20200414	Sunny	Moderate	Mid-Flood	B	4.4	11:27	7.45	8.69	31.7	21.51	2.89	2	115	0.209	W
S1	20200414	Sunny	Moderate	Mid-Flood	B	4.4	11:27	7.34	8.55	32.07	21.6	3.15	4	118	0.226	W
S1	20200414	Sunny	Moderate	Mid-Flood	S	1	11:28	8.04	8.36	31.91	21.53	2.46	3	117	0.28	W
S1	20200414	Sunny	Moderate	Mid-Flood	S	1	11:28	7.37	8.6	32.03	21.49	2.45	4	118	0.235	W
S2A	20200414	Sunny	Moderate	Mid-Flood	B	8.3	10:36	8.08	8.64	31.64	21.68	2.94	3	118	0.261	W
S2A	20200414	Sunny	Moderate	Mid-Flood	B	8.3	10:36	7.3	8.46	31.8	21.51	3.4	3	115	0.18	W
S2A	20200414	Sunny	Moderate	Mid-Flood	M	4.65	10:37	7.36	8.51	32.06	21.34	2.54	3	115	0.27	W
S2A	20200414	Sunny	Moderate	Mid-Flood	M	4.65	10:37	7.93	8.39	31.62	21.68	2.73	4	117	0.18	W
S2A	20200414	Sunny	Moderate	Mid-Flood	S	1	10:38	7.4	8.69	31.68	21.33	2.56	4	116	0.256	NW
S2A	20200414	Sunny	Moderate	Mid-Flood	S	1	10:38	8.02	8.38	31.61	21.39	2.94	5	115	0.204	W
S3	20200414	Sunny	Moderate	Mid-Flood	B	9.8	9:54	7.72	8.37	31.69	21.31	3.24	4	118	0.253	W
S3	20200414	Sunny	Moderate	Mid-Flood	B	9.8	9:54	8.19	8.62	31.95	21.59	3.3	5	120	0.218	W
S3	20200414	Sunny	Moderate	Mid-Flood	M	5.4	9:55	7.58	8.62	31.62	21.61	2.9	5	115	0.183	W
S3	20200414	Sunny	Moderate	Mid-Flood	M	5.4	9:55	7.7	8.36	31.69	21.36	3.06	4	116	0.19	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
S3	20200414	Sunny	Moderate	Mid-Flood	S	1	9:56	7.35	8.48	31.77	21.69	2.92	4	117	0.237	W
S3	20200414	Sunny	Moderate	Mid-Flood	S	1	9:56	7.35	8.43	32.05	21.35	2.91	4	117	0.19	W
B1	20200414	Sunny	Moderate	Mid-Ebb	B	3.9	15:28	7.6	8.49	31.99	22.21	3.38	4	117	0.231	SE
B1	20200414	Sunny	Moderate	Mid-Ebb	B	3.9	15:28	8.19	8.46	32.09	21.99	3.01	5	115	0.151	SE
B1	20200414	Sunny	Moderate	Mid-Ebb	S	1	15:29	8.08	8.7	31.92	22.17	2.66	4	114	0.181	SE
B1	20200414	Sunny	Moderate	Mid-Ebb	S	1	15:29	7.52	8.67	32.16	22.16	2.63	3	115	0.211	SE
B2	20200414	Sunny	Moderate	Mid-Ebb	B	4.9	15:52	7.25	8.61	31.88	21.88	3.01	3	115	0.16	E
B2	20200414	Sunny	Moderate	Mid-Ebb	B	4.9	15:52	7.88	8.75	32.12	22.1	3.36	4	113	0.237	SE
B2	20200414	Sunny	Moderate	Mid-Ebb	S	1	15:53	8.16	8.54	31.85	22.14	2.84	4	115	0.238	E
B2	20200414	Sunny	Moderate	Mid-Ebb	S	1	15:53	8.01	8.73	31.98	22.04	2.48	5	116	0.225	SE
B3	20200414	Sunny	Moderate	Mid-Ebb	B	4.2	14:45	7.51	8.62	32.13	22.36	3.25	4	115	0.196	SE
B3	20200414	Sunny	Moderate	Mid-Ebb	B	4.2	14:45	8.09	8.49	32.01	22.33	3.31	5	113	0.228	E
B3	20200414	Sunny	Moderate	Mid-Ebb	S	1	14:46	8.18	8.6	32	22.18	2.47	4	113	0.245	SE
B3	20200414	Sunny	Moderate	Mid-Ebb	S	1	14:46	8.07	8.67	32.15	21.91	2.68	5	114	0.18	SE
B4	20200414	Sunny	Moderate	Mid-Ebb	B	3.5	14:35	7.65	8.58	32.03	22.27	3.48	4	114	0.165	SE
B4	20200414	Sunny	Moderate	Mid-Ebb	B	3.5	14:35	7.81	8.72	32.15	22	3.1	4	113	0.209	E
B4	20200414	Sunny	Moderate	Mid-Ebb	S	1	14:36	7.97	8.73	31.83	22.35	2.45	8	114	0.194	SE
B4	20200414	Sunny	Moderate	Mid-Ebb	S	1	14:36	8.07	8.51	31.9	22.03	2.92	8	114	0.237	E
C1A	20200414	Sunny	Moderate	Mid-Ebb	B	9.2	13:40	7.54	8.51	32.18	22.06	3.26	5	115	0.172	SE
C1A	20200414	Sunny	Moderate	Mid-Ebb	B	9.2	13:40	7.7	8.73	32	22.26	3.15	6	114	0.234	SE
C1A	20200414	Sunny	Moderate	Mid-Ebb	M	5.1	13:41	7.77	8.71	32.16	21.93	2.64	6	116	0.167	SE
C1A	20200414	Sunny	Moderate	Mid-Ebb	M	5.1	13:41	8.13	8.5	32.16	22.28	2.61	5	116	0.182	E
C1A	20200414	Sunny	Moderate	Mid-Ebb	S	1	13:42	7.25	8.64	32.11	22.24	2.48	4	114	0.224	SE
C1A	20200414	Sunny	Moderate	Mid-Ebb	S	1	13:42	7.92	8.59	32.18	22.27	2.34	4	115	0.25	SE
C2A	20200414	Sunny	Moderate	Mid-Ebb	B	11.4	16:20	7.61	8.68	31.85	21.96	3.16	4	113	0.226	E
C2A	20200414	Sunny	Moderate	Mid-Ebb	B	11.4	16:20	7.22	8.7	32.03	22.15	2.98	4	116	0.229	E
C2A	20200414	Sunny	Moderate	Mid-Ebb	M	6.2	16:21	8.17	8.73	32.08	22.17	2.72	4	116	0.159	SE
C2A	20200414	Sunny	Moderate	Mid-Ebb	M	6.2	16:21	8.16	8.65	32.03	21.87	2.82	4	116	0.183	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
C2A	20200414	Sunny	Moderate	Mid-Ebb	S	1	16:22	8.01	8.54	32.09	21.9	2.83	4	115	0.243	E
C2A	20200414	Sunny	Moderate	Mid-Ebb	S	1	16:22	7.77	8.72	32.06	22.01	2.71	3	116	0.217	E
CR1	20200414	Sunny	Moderate	Mid-Ebb	B	12.1	16:10	8.14	8.67	32.03	21.83	3.26	6	113	0.168	SE
CR1	20200414	Sunny	Moderate	Mid-Ebb	B	12.1	16:10	7.68	8.67	32.05	21.81	3.36	6	112	0.205	SE
CR1	20200414	Sunny	Moderate	Mid-Ebb	M	6.55	16:11	8.01	8.71	32.13	21.85	2.43	6	114	0.223	SE
CR1	20200414	Sunny	Moderate	Mid-Ebb	M	6.55	16:11	8.12	8.63	31.92	22.17	2.66	7	113	0.165	SE
CR1	20200414	Sunny	Moderate	Mid-Ebb	S	1	16:12	8.22	8.57	31.9	22.2	2.45	6	114	0.221	SE
CR1	20200414	Sunny	Moderate	Mid-Ebb	S	1	16:12	8.04	8.72	31.91	21.83	2.51	6	114	0.175	SE
CR2	20200414	Sunny	Moderate	Mid-Ebb	B	10.8	15:26	7.34	8.54	32.04	22.29	3.29	6	114	0.223	E
CR2	20200414	Sunny	Moderate	Mid-Ebb	B	10.8	15:26	7.65	8.72	31.88	21.93	3.19	5	114	0.196	SE
CR2	20200414	Sunny	Moderate	Mid-Ebb	M	5.9	15:27	7.26	8.67	32.01	22.03	2.72	7	114	0.146	E
CR2	20200414	Sunny	Moderate	Mid-Ebb	M	5.9	15:27	7.25	8.57	32.06	22.18	2.75	6	113	0.203	SE
CR2	20200414	Sunny	Moderate	Mid-Ebb	S	1	15:28	7.61	8.68	31.96	22.31	2.81	8	114	0.186	SE
CR2	20200414	Sunny	Moderate	Mid-Ebb	S	1	15:28	7.43	8.75	31.94	22.22	2.69	9	114	0.217	SE
F1A	20200414	Sunny	Moderate	Mid-Ebb	B	8	14:09	7.3	8.58	32.08	22.01	3.18	3	114	0.146	E
F1A	20200414	Sunny	Moderate	Mid-Ebb	B	8	14:09	7.86	8.73	32.14	21.93	3.22	4	112	0.167	SE
F1A	20200414	Sunny	Moderate	Mid-Ebb	M	4.5	14:10	7.8	8.66	31.98	21.87	2.71	4	114	0.252	SE
F1A	20200414	Sunny	Moderate	Mid-Ebb	M	4.5	14:10	7.22	8.56	32.05	21.96	2.37	4	114	0.209	SE
F1A	20200414	Sunny	Moderate	Mid-Ebb	S	1	14:11	8.17	8.5	32	22.18	2.39	4	114	0.191	SE
F1A	20200414	Sunny	Moderate	Mid-Ebb	S	1	14:11	7.62	8.57	32.16	22.27	2.68	5	116	0.244	E
H1	20200414	Sunny	Moderate	Mid-Ebb	B	7.1	14:32	7.54	8.52	31.85	22.35	3.17	8	115	0.171	E
H1	20200414	Sunny	Moderate	Mid-Ebb	B	7.1	14:32	7.94	8.5	32.17	22.22	3.23	7	113	0.228	SE
H1	20200414	Sunny	Moderate	Mid-Ebb	M	4.05	14:33	8.18	8.57	32.05	22.21	3.11	7	114	0.252	SE
H1	20200414	Sunny	Moderate	Mid-Ebb	M	4.05	14:33	7.64	8.57	32.05	22.01	3	6	114	0.21	SE
H1	20200414	Sunny	Moderate	Mid-Ebb	S	1	14:34	7.62	8.6	32.18	22.21	2.63	5	112	0.153	SE
H1	20200414	Sunny	Moderate	Mid-Ebb	S	1	14:34	7.64	8.73	31.88	21.91	2.34	6	114	0.204	E
M1	20200414	Sunny	Moderate	Mid-Ebb	B	8.1	13:45	8.11	8.6	32.11	21.88	2.92	4	115	0.16	SE
M1	20200414	Sunny	Moderate	Mid-Ebb	B	8.1	13:45	8.14	8.5	32.06	21.95	3.38	2	113	0.155	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
M1	20200414	Sunny	Moderate	Mid-Ebb	M	4.55	13:46	8.05	8.67	31.8	21.92	2.45	4	116	0.172	SE
M1	20200414	Sunny	Moderate	Mid-Ebb	M	4.55	13:46	7.31	8.52	31.84	21.86	2.58	3	114	0.161	E
M1	20200414	Sunny	Moderate	Mid-Ebb	S	1	13:47	7.59	8.67	31.91	22.22	2.67	4	114	0.191	SE
M1	20200414	Sunny	Moderate	Mid-Ebb	S	1	13:47	8.18	8.62	31.93	22.23	2.32	4	115	0.214	SE
S1	20200414	Sunny	Moderate	Mid-Ebb	B	4.4	15:41	8.02	8.58	32.11	22.01	3.25	4	113	0.217	E
S1	20200414	Sunny	Moderate	Mid-Ebb	B	4.4	15:41	7.47	8.7	31.92	22.04	2.98	4	112	0.155	SE
S1	20200414	Sunny	Moderate	Mid-Ebb	S	1	15:42	7.51	8.66	32.13	21.97	2.59	4	114	0.22	SE
S1	20200414	Sunny	Moderate	Mid-Ebb	S	1	15:42	7.68	8.59	32.18	21.9	2.77	5	113	0.193	SE
S2A	20200414	Sunny	Moderate	Mid-Ebb	B	7.8	15:14	7.9	8.59	32.04	22.05	3.44	5	114	0.19	SE
S2A	20200414	Sunny	Moderate	Mid-Ebb	B	7.8	15:14	7.8	8.73	31.87	22.21	3.35	6	112	0.194	SE
S2A	20200414	Sunny	Moderate	Mid-Ebb	M	4.4	15:15	8.09	8.49	31.8	21.92	2.63	5	114	0.234	SE
S2A	20200414	Sunny	Moderate	Mid-Ebb	M	4.4	15:15	7.3	8.59	31.84	22.33	2.39	6	114	0.22	SE
S2A	20200414	Sunny	Moderate	Mid-Ebb	S	1	15:16	7.31	8.61	32.08	21.93	2.51	4	114	0.186	SE
S2A	20200414	Sunny	Moderate	Mid-Ebb	S	1	15:16	7.67	8.6	32.11	22.01	2.47	4	116	0.167	SE
S3	20200414	Sunny	Moderate	Mid-Ebb	B	10.4	15:58	7.33	8.5	31.9	22.13	3.09	9	113	0.184	SE
S3	20200414	Sunny	Moderate	Mid-Ebb	B	10.4	15:58	7.18	8.64	31.86	22.14	3.1	10	114	0.154	SE
S3	20200414	Sunny	Moderate	Mid-Ebb	M	5.7	15:59	7.27	8.48	32.05	22.18	2.88	8	112	0.219	SE
S3	20200414	Sunny	Moderate	Mid-Ebb	M	5.7	15:59	7.41	8.74	31.84	22.23	2.69	9	114	0.173	SE
S3	20200414	Sunny	Moderate	Mid-Ebb	S	1	16:00	7.52	8.46	32.1	22	2.8	4	113	0.205	E
S3	20200414	Sunny	Moderate	Mid-Ebb	S	1	16:00	8.05	8.72	32.06	21.8	2.9	4	114	0.176	SE
B1	20200416	Cloudy	Moderate	Mid-Flood	B	4.3	11:53	7.85	8.73	31.98	22.9	3.7	4	113	0.22	W
B1	20200416	Cloudy	Moderate	Mid-Flood	B	4.3	11:53	8.41	8.7	31.6	23.02	3.63	4	113	0.2	W
B1	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:54	7.92	8.85	32.08	22.58	3.12	4	112	0.2	W
B1	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:54	7.78	8.77	32.02	23.12	3.05	4	113	0.222	W
B2	20200416	Cloudy	Moderate	Mid-Flood	B	4	12:10	8.1	8.64	32.03	22.61	4.05	4	114	0.188	W
B2	20200416	Cloudy	Moderate	Mid-Flood	B	4	12:10	8.28	8.63	31.5	23.09	3.76	4	113	0.2	NW
B2	20200416	Cloudy	Moderate	Mid-Flood	S	1	12:11	7.72	8.79	31.83	22.86	3.12	3	113	0.21	W
B2	20200416	Cloudy	Moderate	Mid-Flood	S	1	12:11	8.4	8.64	31.58	23.1	3.64	3	114	0.203	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
B3	20200416	Cloudy	Moderate	Mid-Flood	B	4	11:01	7.95	8.48	31.65	22.84	4.17	3	112	0.186	W
B3	20200416	Cloudy	Moderate	Mid-Flood	B	4	11:01	7.69	8.48	31.98	22.5	3.87	4	114	0.205	W
B3	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:02	7.84	8.88	31.78	22.53	3.3	5	113	0.204	NW
B3	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:02	7.98	8.56	31.72	22.59	3.17	4	113	0.175	W
B4	20200416	Cloudy	Moderate	Mid-Flood	B	4	10:54	8.39	8.72	31.71	22.61	3.8	4	113	0.17	W
B4	20200416	Cloudy	Moderate	Mid-Flood	B	4	10:54	8.02	8.63	32.12	22.81	4.06	5	113	0.187	NW
B4	20200416	Cloudy	Moderate	Mid-Flood	S	1	10:55	8.02	8.48	31.71	22.34	3.13	4	112	0.187	NW
B4	20200416	Cloudy	Moderate	Mid-Flood	S	1	10:55	8.1	8.81	32.1	22.76	3.21	5	113	0.21	W
C1A	20200416	Cloudy	Moderate	Mid-Flood	B	10	11:31	8.03	8.58	32.06	22.44	4.01	4	113	0.178	NW
C1A	20200416	Cloudy	Moderate	Mid-Flood	B	10	11:31	7.85	8.45	31.64	22.4	4.04	3	113	0.214	W
C1A	20200416	Cloudy	Moderate	Mid-Flood	M	5.5	11:32	8.04	8.5	32.04	22.65	3.62	5	114	0.19	W
C1A	20200416	Cloudy	Moderate	Mid-Flood	M	5.5	11:32	8.11	8.8	31.61	22.53	3.37	4	114	0.205	NW
C1A	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:33	7.71	8.46	31.92	22.77	3.59	5	115	0.189	NW
C1A	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:33	8.27	8.83	31.76	22.59	3.63	4	114	0.191	W
C2A	20200416	Cloudy	Moderate	Mid-Flood	B	10.3	10:06	8.02	8.66	31.89	22.54	3.66	3	114	0.195	W
C2A	20200416	Cloudy	Moderate	Mid-Flood	B	10.3	10:06	8.29	8.55	32.03	22.38	3.84	3	113	0.19	NW
C2A	20200416	Cloudy	Moderate	Mid-Flood	M	5.65	10:07	7.9	8.88	31.8	22.35	3.58	5	112	0.198	W
C2A	20200416	Cloudy	Moderate	Mid-Flood	M	5.65	10:07	8.17	8.71	31.82	22.26	3.76	4	114	0.17	W
C2A	20200416	Cloudy	Moderate	Mid-Flood	S	1	10:08	7.85	8.67	32.07	22.58	3.43	4	114	0.191	NW
C2A	20200416	Cloudy	Moderate	Mid-Flood	S	1	10:08	8.06	8.71	32.15	22.53	3.36	4	114	0.19	W
CR1	20200416	Cloudy	Moderate	Mid-Flood	B	11.9	10:36	7.83	8.71	31.69	22.37	3.6	2	113	0.208	W
CR1	20200416	Cloudy	Moderate	Mid-Flood	B	11.9	10:36	8.25	8.65	31.62	22.56	3.64	2	112	0.219	W
CR1	20200416	Cloudy	Moderate	Mid-Flood	M	6.45	10:37	8.35	8.66	31.68	22.68	3.76	2	113	0.217	W
CR1	20200416	Cloudy	Moderate	Mid-Flood	M	6.45	10:37	7.89	8.86	32.05	22.6	3.29	<2	112	0.171	W
CR1	20200416	Cloudy	Moderate	Mid-Flood	S	1	10:38	7.8	8.66	31.74	22.71	3.2	2	112	0.192	NW
CR1	20200416	Cloudy	Moderate	Mid-Flood	S	1	10:38	7.94	8.75	31.98	22.64	3.24	<2	114	0.188	W
CR2	20200416	Cloudy	Moderate	Mid-Flood	B	10.1	10:53	8.19	8.64	31.71	22.39	3.83	4	113	0.192	NW
CR2	20200416	Cloudy	Moderate	Mid-Flood	B	10.1	10:53	7.97	8.84	31.62	22.56	3.75	3	113	0.185	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20200416	Cloudy	Moderate	Mid-Flood	M	5.55	10:54	8.37	8.86	31.71	22.39	3.42	4	113	0.218	W
CR2	20200416	Cloudy	Moderate	Mid-Flood	M	5.55	10:54	8.14	8.65	31.71	22.52	3.79	3	113	0.218	W
CR2	20200416	Cloudy	Moderate	Mid-Flood	S	1	10:55	8.35	8.47	31.95	22.53	3.15	4	113	0.189	W
CR2	20200416	Cloudy	Moderate	Mid-Flood	S	1	10:55	8.11	8.78	32.07	22.63	3.14	4	113	0.21	NW
F1A	20200416	Cloudy	Moderate	Mid-Flood	B	7.5	10:31	7.93	8.59	31.7	22.31	3.66	2	115	0.19	W
F1A	20200416	Cloudy	Moderate	Mid-Flood	B	7.5	10:31	8.03	8.67	31.74	22.29	3.63	2	114	0.188	NW
F1A	20200416	Cloudy	Moderate	Mid-Flood	M	4.25	10:32	8.16	8.56	31.9	22.72	3.69	<2	114	0.179	W
F1A	20200416	Cloudy	Moderate	Mid-Flood	M	4.25	10:32	8.08	8.79	31.71	22.68	3.79	3	114	0.209	W
F1A	20200416	Cloudy	Moderate	Mid-Flood	S	1	10:33	8.37	8.67	31.52	22.51	3.08	<2	112	0.209	W
F1A	20200416	Cloudy	Moderate	Mid-Flood	S	1	10:33	8.27	8.5	31.78	22.23	3.35	<2	114	0.213	W
H1	20200416	Cloudy	Moderate	Mid-Flood	B	7.1	11:26	8.32	8.77	31.57	22.58	4.08	4	113	0.189	W
H1	20200416	Cloudy	Moderate	Mid-Flood	B	7.1	11:26	7.92	8.61	31.83	22.4	3.91	5	113	0.174	W
H1	20200416	Cloudy	Moderate	Mid-Flood	M	4.05	11:27	7.8	8.52	31.92	22.85	3.67	5	113	0.221	W
H1	20200416	Cloudy	Moderate	Mid-Flood	M	4.05	11:27	7.8	8.51	31.9	22.94	3.34	5	116	0.203	W
H1	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:28	7.95	8.82	31.58	22.74	3.06	5	112	0.18	W
H1	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:28	8.39	8.73	32.07	22.52	3.47	4	114	0.213	NW
M1	20200416	Cloudy	Moderate	Mid-Flood	B	7.4	11:09	7.94	8.75	32.15	22.83	3.89	2	114	0.198	W
M1	20200416	Cloudy	Moderate	Mid-Flood	B	7.4	11:09	7.97	8.63	31.51	22.59	3.99	2	114	0.221	W
M1	20200416	Cloudy	Moderate	Mid-Flood	M	4.2	11:10	8.3	8.8	31.85	22.37	3.28	3	113	0.195	W
M1	20200416	Cloudy	Moderate	Mid-Flood	M	4.2	11:10	7.73	8.73	31.55	22.73	3.5	3	114	0.189	W
M1	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:11	8.14	8.49	32.12	22.87	3.21	2	113	0.195	W
M1	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:11	7.72	8.75	31.91	22.77	3.19	2	112	0.203	W
S1	20200416	Cloudy	Moderate	Mid-Flood	B	4.1	12:01	8.24	8.56	31.86	23.05	4.16	2	114	0.176	W
S1	20200416	Cloudy	Moderate	Mid-Flood	B	4.1	12:01	7.67	8.55	31.91	23.04	3.75	2	113	0.193	W
S1	20200416	Cloudy	Moderate	Mid-Flood	S	1	12:02	7.98	8.7	31.84	22.61	3.54	<2	113	0.174	NW
S1	20200416	Cloudy	Moderate	Mid-Flood	S	1	12:02	7.76	8.77	31.77	22.76	3.39	2	114	0.177	W
S2A	20200416	Cloudy	Moderate	Mid-Flood	B	8.6	11:15	8.35	8.56	31.62	22.39	3.89	2	114	0.217	NW
S2A	20200416	Cloudy	Moderate	Mid-Flood	B	8.6	11:15	8.03	8.79	32.01	22.59	3.63	<2	114	0.203	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20200416	Cloudy	Moderate	Mid-Flood	M	4.8	11:16	8.17	8.82	31.82	22.47	3.74	3	114	0.198	W
S2A	20200416	Cloudy	Moderate	Mid-Flood	M	4.8	11:16	8.31	8.59	31.59	22.69	3.4	<2	112	0.221	W
S2A	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:17	8.03	8.52	31.73	22.68	3.27	3	113	0.19	W
S2A	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:17	8.04	8.88	31.94	22.89	3.21	2	113	0.221	W
S3	20200416	Cloudy	Moderate	Mid-Flood	B	9.3	11:08	8.37	8.66	32.03	22.83	3.74	4	113	0.218	W
S3	20200416	Cloudy	Moderate	Mid-Flood	B	9.3	11:08	8.25	8.85	31.61	22.39	3.75	3	113	0.205	W
S3	20200416	Cloudy	Moderate	Mid-Flood	M	5.15	11:09	7.8	8.49	31.87	22.65	3.42	4	114	0.176	NW
S3	20200416	Cloudy	Moderate	Mid-Flood	M	5.15	11:09	7.67	8.72	31.86	22.38	3.29	3	113	0.176	W
S3	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:10	7.67	8.7	31.85	22.86	3.28	5	112	0.208	W
S3	20200416	Cloudy	Moderate	Mid-Flood	S	1	11:10	8.4	8.87	31.8	22.48	3.66	4	113	0.171	NW
B1	20200416	Cloudy	Moderate	Mid-Ebb	B	4.1	16:18	7.93	8.62	31.54	22.51	3.67	6	114	0.179	SE
B1	20200416	Cloudy	Moderate	Mid-Ebb	B	4.1	16:18	8.4	8.75	31.53	22.41	3.68	5	113	0.166	E
B1	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:19	8.41	8.93	31.44	22.72	3.27	3	114	0.181	SE
B1	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:19	8.08	8.55	31.78	22.37	3.32	4	114	0.16	SE
B2	20200416	Cloudy	Moderate	Mid-Ebb	B	4.7	16:41	7.93	8.73	31.57	22.57	3.74	3	112	0.219	SE
B2	20200416	Cloudy	Moderate	Mid-Ebb	B	4.7	16:41	7.65	8.63	31.51	22.27	3.89	2	113	0.214	SE
B2	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:42	8.27	8.73	31.85	22.41	3.31	3	112	0.183	E
B2	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:42	8.14	8.93	31.93	22.77	3.44	4	113	0.169	E
B3	20200416	Cloudy	Moderate	Mid-Ebb	B	4.4	16:19	7.87	8.93	31.55	22.62	3.67	3	115	0.156	SE
B3	20200416	Cloudy	Moderate	Mid-Ebb	B	4.4	16:19	8.15	8.53	31.74	22.52	3.77	3	112	0.214	SE
B3	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:20	8.08	8.67	31.94	22.33	3.13	3	113	0.174	SE
B3	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:20	8.44	8.64	31.76	22.47	3.05	3	114	0.205	SE
B4	20200416	Cloudy	Moderate	Mid-Ebb	B	3.4	16:27	7.98	8.7	31.91	22.69	4.15	4	112	0.161	SE
B4	20200416	Cloudy	Moderate	Mid-Ebb	B	3.4	16:27	8.25	8.51	31.8	22.26	3.77	3	113	0.157	SE
B4	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:28	8.26	8.71	31.73	22.51	3.51	4	114	0.208	E
B4	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:28	8.26	8.91	31.72	22.48	3.18	4	114	0.219	E
C1A	20200416	Cloudy	Moderate	Mid-Ebb	B	8.3	15:50	7.62	8.83	31.94	22.47	3.5	5	113	0.199	E
C1A	20200416	Cloudy	Moderate	Mid-Ebb	B	8.3	15:50	7.85	8.77	31.96	22.3	4.07	6	113	0.178	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	20200416	Cloudy	Moderate	Mid-Ebb	M	4.65	15:51	7.82	8.77	31.46	22.7	3.15	4	114	0.158	E
C1A	20200416	Cloudy	Moderate	Mid-Ebb	M	4.65	15:51	8.03	8.94	31.95	22.78	3.25	4	114	0.207	SE
C1A	20200416	Cloudy	Moderate	Mid-Ebb	S	1	15:52	7.75	8.53	31.49	22.38	3.09	4	114	0.192	SE
C1A	20200416	Cloudy	Moderate	Mid-Ebb	S	1	15:52	7.74	8.52	31.76	22.22	3.37	5	114	0.204	E
C2A	20200416	Cloudy	Moderate	Mid-Ebb	B	11.1	15:52	8.39	8.59	31.41	22.47	3.68	4	114	0.18	SE
C2A	20200416	Cloudy	Moderate	Mid-Ebb	B	11.1	15:52	7.76	8.92	31.41	22.62	3.86	4	113	0.212	E
C2A	20200416	Cloudy	Moderate	Mid-Ebb	M	6.05	15:53	8.37	8.91	31.48	22.56	3.19	4	113	0.17	E
C2A	20200416	Cloudy	Moderate	Mid-Ebb	M	6.05	15:53	7.88	8.75	31.94	22.77	3.47	4	112	0.199	E
C2A	20200416	Cloudy	Moderate	Mid-Ebb	S	1	15:54	7.66	8.82	31.9	22.2	3.49	5	115	0.208	SE
C2A	20200416	Cloudy	Moderate	Mid-Ebb	S	1	15:54	7.65	8.5	31.93	22.79	3.5	4	113	0.2	SE
CR1	20200416	Cloudy	Moderate	Mid-Ebb	B	12.1	17:53	8.06	8.94	31.64	22.5	3.71	4	113	0.204	SE
CR1	20200416	Cloudy	Moderate	Mid-Ebb	B	12.1	17:53	8.05	8.82	31.9	21.92	3.72	3	113	0.198	E
CR1	20200416	Cloudy	Moderate	Mid-Ebb	M	6.55	17:54	7.72	8.8	31.78	22.13	3.08	4	114	0.173	SE
CR1	20200416	Cloudy	Moderate	Mid-Ebb	M	6.55	17:54	8.48	8.63	31.54	22.42	3.11	5	112	0.163	E
CR1	20200416	Cloudy	Moderate	Mid-Ebb	S	1	17:55	8.49	8.65	31.64	22.32	3.26	4	113	0.184	SE
CR1	20200416	Cloudy	Moderate	Mid-Ebb	S	1	17:55	8.2	8.55	31.72	21.97	3.49	5	115	0.2	SE
CR2	20200416	Cloudy	Moderate	Mid-Ebb	B	10	17:31	8	8.94	31.85	22.56	4	3	112	0.159	SE
CR2	20200416	Cloudy	Moderate	Mid-Ebb	B	10	17:31	7.8	8.75	31.51	21.91	3.76	4	114	0.216	SE
CR2	20200416	Cloudy	Moderate	Mid-Ebb	M	5.5	17:32	7.69	8.7	31.98	21.91	3.53	4	114	0.213	E
CR2	20200416	Cloudy	Moderate	Mid-Ebb	M	5.5	17:32	8.46	8.46	31.56	22.5	3.25	4	114	0.193	SE
CR2	20200416	Cloudy	Moderate	Mid-Ebb	S	1	17:33	7.83	8.89	31.5	21.93	3.04	5	112	0.192	SE
CR2	20200416	Cloudy	Moderate	Mid-Ebb	S	1	17:33	7.77	8.56	31.76	22.47	3.13	4	114	0.16	E
F1A	20200416	Cloudy	Moderate	Mid-Ebb	B	7.9	16:50	7.69	8.86	31.78	22.48	3.83	4	114	0.187	E
F1A	20200416	Cloudy	Moderate	Mid-Ebb	B	7.9	16:50	8.36	8.62	31.65	22.12	3.59	5	114	0.192	SE
F1A	20200416	Cloudy	Moderate	Mid-Ebb	M	4.45	16:51	7.71	8.8	31.94	22.46	3.27	4	113	0.164	SE
F1A	20200416	Cloudy	Moderate	Mid-Ebb	M	4.45	16:51	8.04	8.65	31.44	22.52	2.99	4	113	0.161	E
F1A	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:52	7.7	8.71	31.61	22.27	2.95	4	114	0.158	SE
F1A	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:52	8.12	8.51	31.96	22.15	3.41	4	114	0.205	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	20200416	Cloudy	Moderate	Mid-Ebb	B	7.3	16:07	8.18	8.88	31.48	22.37	3.64	7	113	0.217	SE
H1	20200416	Cloudy	Moderate	Mid-Ebb	B	7.3	16:07	8.44	8.64	31.77	22.77	3.87	6	114	0.151	SE
H1	20200416	Cloudy	Moderate	Mid-Ebb	M	4.15	16:08	7.97	8.94	31.66	22.61	3.05	4	113	0.205	E
H1	20200416	Cloudy	Moderate	Mid-Ebb	M	4.15	16:08	7.63	8.84	31.56	22.44	3.33	4	114	0.189	E
H1	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:09	8.1	8.76	31.75	22.79	3.5	3	114	0.148	SE
H1	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:09	7.85	8.72	31.69	22.83	3.31	4	112	0.199	SE
M1	20200416	Cloudy	Moderate	Mid-Ebb	B	8.5	17:11	7.64	8.72	31.7	22.09	3.59	5	113	0.147	SE
M1	20200416	Cloudy	Moderate	Mid-Ebb	B	8.5	17:11	7.88	8.91	31.93	22.5	4.03	6	114	0.211	SE
M1	20200416	Cloudy	Moderate	Mid-Ebb	M	4.75	17:12	8.14	8.7	31.85	22.46	3.2	4	114	0.167	SE
M1	20200416	Cloudy	Moderate	Mid-Ebb	M	4.75	17:12	7.73	8.67	31.82	22.14	3.12	5	112	0.182	SE
M1	20200416	Cloudy	Moderate	Mid-Ebb	S	1	17:13	8.05	8.6	31.74	22.49	2.98	4	114	0.214	E
M1	20200416	Cloudy	Moderate	Mid-Ebb	S	1	17:13	7.93	8.65	31.57	22.58	3.09	3	113	0.21	SE
S1	20200416	Cloudy	Moderate	Mid-Ebb	B	3.9	16:33	8.33	8.91	31.51	22.31	3.89	2	112	0.167	SE
S1	20200416	Cloudy	Moderate	Mid-Ebb	B	3.9	16:33	8.14	8.76	31.58	22.6	3.84	4	112	0.161	SE
S1	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:34	8.49	8.54	31.44	22.19	3.03	2	110	0.187	SE
S1	20200416	Cloudy	Moderate	Mid-Ebb	S	1	16:34	8.3	8.46	31.94	22.4	2.98	3	113	0.213	SE
S2A	20200416	Cloudy	Moderate	Mid-Ebb	B	8.4	17:04	8.23	8.46	31.7	22.18	3.65	2	113	0.169	SE
S2A	20200416	Cloudy	Moderate	Mid-Ebb	B	8.4	17:04	8.35	8.81	31.83	22.26	3.82	3	114	0.161	SE
S2A	20200416	Cloudy	Moderate	Mid-Ebb	M	4.7	17:05	8.05	8.76	31.67	22.33	3.22	2	113	0.151	SE
S2A	20200416	Cloudy	Moderate	Mid-Ebb	M	4.7	17:05	8.48	8.94	31.48	22.23	3.33	2	112	0.187	SE
S2A	20200416	Cloudy	Moderate	Mid-Ebb	S	1	17:06	8.22	8.69	32	22.51	3.14	3	114	0.198	E
S2A	20200416	Cloudy	Moderate	Mid-Ebb	S	1	17:06	8.47	8.67	31.84	22.58	3.07	3	113	0.165	SE
S3	20200416	Cloudy	Moderate	Mid-Ebb	B	10.2	17:40	7.64	8.93	31.95	22.12	3.71	4	113	0.155	SE
S3	20200416	Cloudy	Moderate	Mid-Ebb	B	10.2	17:40	8.1	8.61	31.43	22.49	3.75	4	114	0.181	E
S3	20200416	Cloudy	Moderate	Mid-Ebb	M	5.6	17:41	7.87	8.64	31.48	22.09	3.19	4	113	0.16	E
S3	20200416	Cloudy	Moderate	Mid-Ebb	M	5.6	17:41	8.29	8.76	31.4	22.47	3.55	4	114	0.166	SE
S3	20200416	Cloudy	Moderate	Mid-Ebb	S	1	17:42	7.74	8.88	31.53	22.46	3.58	4	112	0.146	SE
S3	20200416	Cloudy	Moderate	Mid-Ebb	S	1	17:42	7.83	8.62	31.54	21.9	3.6	3	114	0.184	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
B1	20200418	Sunny	Moderate	Mid-Ebb	B	3.6	11:06	8.28	8.48	31.76	22.77	3.76	3	112	0.197	SE
B1	20200418	Sunny	Moderate	Mid-Ebb	B	3.6	11:06	7.94	8.67	31.37	22.74	3.71	2	114	0.147	E
B1	20200418	Sunny	Moderate	Mid-Ebb	S	1	11:07	7.77	8.5	31.13	22.34	3.14	3	114	0.179	E
B1	20200418	Sunny	Moderate	Mid-Ebb	S	1	11:07	7.96	8.2	31.17	22.76	3.29	2	113	0.19	SE
B2	20200418	Sunny	Moderate	Mid-Ebb	B	4.1	11:23	7.93	8.24	31.81	22.84	3.89	<2	115	0.19	SE
B2	20200418	Sunny	Moderate	Mid-Ebb	B	4.1	11:23	7.95	8.44	31.19	22.44	3.98	<2	113	0.162	SE
B2	20200418	Sunny	Moderate	Mid-Ebb	S	1	11:24	8.31	8.18	31.54	22.72	3.6	2	113	0.169	SE
B2	20200418	Sunny	Moderate	Mid-Ebb	S	1	11:24	8.41	8.32	31.73	22.66	3.34	3	113	0.154	E
B3	20200418	Sunny	Moderate	Mid-Ebb	B	4.2	10:38	7.79	8.18	31.36	22.31	4.14	4	112	0.206	SE
B3	20200418	Sunny	Moderate	Mid-Ebb	B	4.2	10:38	8.04	8.33	31.23	22.71	3.72	3	112	0.163	SE
B3	20200418	Sunny	Moderate	Mid-Ebb	S	1	10:39	8.22	8.66	31.17	22.8	3.65	3	114	0.187	SE
B3	20200418	Sunny	Moderate	Mid-Ebb	S	1	10:39	8.22	8.65	31.16	22.52	3.55	3	111	0.177	SE
B4	20200418	Sunny	Moderate	Mid-Ebb	B	4.1	10:28	7.88	8.34	31.71	22.55	4.06	4	117	0.18	E
B4	20200418	Sunny	Moderate	Mid-Ebb	B	4.1	10:28	7.87	8.32	31.11	22.28	4.21	3	116	0.151	SE
B4	20200418	Sunny	Moderate	Mid-Ebb	S	1	10:29	8.01	8.26	31.67	22.49	3.61	4	115	0.17	SE
B4	20200418	Sunny	Moderate	Mid-Ebb	S	1	10:29	8.39	8.62	31.79	22.44	3.27	4	114	0.142	SE
C1A	20200418	Sunny	Moderate	Mid-Ebb	B	9.9	8:45	7.8	8.59	31.31	22.33	3.88	2	112	0.187	SE
C1A	20200418	Sunny	Moderate	Mid-Ebb	B	9.9	8:45	8.09	8.58	31.82	22.15	3.68	2	114	0.16	SE
C1A	20200418	Sunny	Moderate	Mid-Ebb	M	5.45	8:46	8.44	8.66	31.54	22.16	3.3	3	113	0.179	SE
C1A	20200418	Sunny	Moderate	Mid-Ebb	M	5.45	8:46	7.89	8.38	31.25	22.36	3.47	3	112	0.157	E
C1A	20200418	Sunny	Moderate	Mid-Ebb	S	1	8:47	7.97	8.2	31.87	22.17	3.51	2	116	0.16	E
C1A	20200418	Sunny	Moderate	Mid-Ebb	S	1	8:47	7.91	8.25	31.74	22.4	3.22	3	113	0.188	SE
C2A	20200418	Sunny	Moderate	Mid-Ebb	B	11.5	10:08	8.41	8.67	31.19	22.57	3.77	3	113	0.166	SE
C2A	20200418	Sunny	Moderate	Mid-Ebb	B	11.5	10:08	7.8	8.23	31.7	22.64	4.1	3	113	0.198	SE
C2A	20200418	Sunny	Moderate	Mid-Ebb	M	6.25	10:09	7.97	8.16	31.62	22.59	3.24	3	113	0.199	SE
C2A	20200418	Sunny	Moderate	Mid-Ebb	M	6.25	10:09	8.37	8.38	31.26	22.61	3.64	4	113	0.143	SE
C2A	20200418	Sunny	Moderate	Mid-Ebb	S	1	10:10	8.15	8.58	31.69	22.63	3.59	5	113	0.143	SE
C2A	20200418	Sunny	Moderate	Mid-Ebb	S	1	10:10	8.23	8.46	31.83	22.75	3.05	4	114	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
CR1	20200418	Sunny	Moderate	Mid-Ebb	B	12	9:48	8.21	8.44	31.12	22.49	3.79	2	113	0.184	SE
CR1	20200418	Sunny	Moderate	Mid-Ebb	B	12	9:48	8.37	8.21	31.84	22.55	3.62	2	113	0.206	SE
CR1	20200418	Sunny	Moderate	Mid-Ebb	M	6.5	9:49	8.21	8.52	31.46	22.26	3.05	<2	114	0.2	SE
CR1	20200418	Sunny	Moderate	Mid-Ebb	M	6.5	9:49	8.09	8.62	31.29	22.57	3.1	2	114	0.186	E
CR1	20200418	Sunny	Moderate	Mid-Ebb	S	1	9:50	8.29	8.21	31.84	22.38	3.56	3	113	0.189	E
CR1	20200418	Sunny	Moderate	Mid-Ebb	S	1	9:50	7.73	8.51	31.53	22.33	3.14	4	114	0.198	E
CR2	20200418	Sunny	Moderate	Mid-Ebb	B	10.2	9:28	8.33	8.28	31.61	22.28	3.57	4	114	0.166	E
CR2	20200418	Sunny	Moderate	Mid-Ebb	B	10.2	9:28	7.82	8.5	31.75	22.29	3.96	5	113	0.167	SE
CR2	20200418	Sunny	Moderate	Mid-Ebb	M	5.6	9:29	8.12	8.23	31.87	22.41	3.4	3	113	0.176	SE
CR2	20200418	Sunny	Moderate	Mid-Ebb	M	5.6	9:29	8.43	8.16	31.84	22.22	3.59	2	116	0.158	SE
CR2	20200418	Sunny	Moderate	Mid-Ebb	S	1	9:30	8.01	8.32	31.76	22.41	3.31	3	115	0.141	SE
CR2	20200418	Sunny	Moderate	Mid-Ebb	S	1	9:30	8.01	8.2	31.33	22.57	3.28	3	113	0.143	SE
F1A	20200418	Sunny	Moderate	Mid-Ebb	B	8.1	10:05	8.07	8.29	31.7	22.59	3.75	<2	113	0.176	E
F1A	20200418	Sunny	Moderate	Mid-Ebb	B	8.1	10:05	7.93	8.31	31.46	22.33	3.69	3	112	0.208	E
F1A	20200418	Sunny	Moderate	Mid-Ebb	M	4.55	10:06	7.96	8.64	31.69	22.32	3.29	3	113	0.162	SE
F1A	20200418	Sunny	Moderate	Mid-Ebb	M	4.55	10:06	7.99	8.4	31.1	22.69	3.09	2	112	0.178	SE
F1A	20200418	Sunny	Moderate	Mid-Ebb	S	1	10:07	7.97	8.22	31.86	22.72	3.49	3	112	0.156	E
F1A	20200418	Sunny	Moderate	Mid-Ebb	S	1	10:07	8.05	8.17	31.88	22.52	3.42	4	112	0.147	SE
H1	20200418	Sunny	Moderate	Mid-Ebb	B	7	9:11	8.07	8.48	31.44	22.25	4.02	4	116	0.208	SE
H1	20200418	Sunny	Moderate	Mid-Ebb	B	7	9:11	8.35	8.33	31.61	22.26	3.81	4	114	0.167	E
H1	20200418	Sunny	Moderate	Mid-Ebb	M	4	9:12	8.02	8.36	31.6	22.37	3.5	4	112	0.205	SE
H1	20200418	Sunny	Moderate	Mid-Ebb	M	4	9:12	8.12	8.51	31.55	22.16	3.07	5	110	0.154	E
H1	20200418	Sunny	Moderate	Mid-Ebb	S	1	9:13	8.29	8.41	31.18	22.32	3.54	4	116	0.165	SE
H1	20200418	Sunny	Moderate	Mid-Ebb	S	1	9:13	7.86	8.26	31.51	22.39	3.11	4	116	0.15	SE
M1	20200418	Sunny	Moderate	Mid-Ebb	B	8.7	9:43	8.44	8.6	31.22	22.5	3.83	5	114	0.172	SE
M1	20200418	Sunny	Moderate	Mid-Ebb	B	8.7	9:43	7.74	8.44	31.27	22.38	4.06	4	113	0.206	E
M1	20200418	Sunny	Moderate	Mid-Ebb	M	4.85	9:44	7.82	8.29	31.33	22.37	3.13	4	115	0.146	SE
M1	20200418	Sunny	Moderate	Mid-Ebb	M	4.85	9:44	8.33	8.57	31.83	22.57	3.36	5	114	0.144	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	20200418	Sunny	Moderate	Mid-Ebb	S	1	9:45	7.98	8.62	31.37	22.23	3.54	4	114	0.186	E
M1	20200418	Sunny	Moderate	Mid-Ebb	S	1	9:45	8.4	8.67	31.66	22.25	3.49	4	113	0.142	SE
S1	20200418	Sunny	Moderate	Mid-Ebb	B	3.8	11:15	8.02	8.47	31.26	22.68	3.6	4	112	0.142	SE
S1	20200418	Sunny	Moderate	Mid-Ebb	B	3.8	11:15	8.23	8.54	31.24	22.57	3.77	4	114	0.17	SE
S1	20200418	Sunny	Moderate	Mid-Ebb	S	1	11:16	8.3	8.31	31.58	22.56	3.11	4	113	0.195	SE
S1	20200418	Sunny	Moderate	Mid-Ebb	S	1	11:16	8.38	8.66	31.55	22.75	3.48	4	113	0.183	SE
S2A	20200418	Sunny	Moderate	Mid-Ebb	B	7.9	10:53	7.74	8.21	31.14	22.65	3.93	5	111	0.153	SE
S2A	20200418	Sunny	Moderate	Mid-Ebb	B	7.9	10:53	8.36	8.28	31.46	22.32	3.64	6	109	0.152	SE
S2A	20200418	Sunny	Moderate	Mid-Ebb	M	4.45	10:54	8.16	8.31	31.27	22.5	3.53	5	112	0.212	E
S2A	20200418	Sunny	Moderate	Mid-Ebb	M	4.45	10:54	8.29	8.56	31.24	22.69	3.09	4	115	0.197	E
S2A	20200418	Sunny	Moderate	Mid-Ebb	S	1	10:55	7.75	8.33	31.6	22.46	3.28	5	113	0.141	SE
S2A	20200418	Sunny	Moderate	Mid-Ebb	S	1	10:55	8.32	8.3	31.75	22.62	3.26	4	112	0.207	E
S3	20200418	Sunny	Moderate	Mid-Ebb	B	9.9	9:37	8.29	8.49	31.57	22.24	3.87	2	114	0.151	SE
S3	20200418	Sunny	Moderate	Mid-Ebb	B	9.9	9:37	8.33	8.49	31.64	22.49	3.66	3	112	0.196	SE
S3	20200418	Sunny	Moderate	Mid-Ebb	M	5.45	9:38	8.41	8.49	31.29	22.34	3.56	3	114	0.181	SE
S3	20200418	Sunny	Moderate	Mid-Ebb	M	5.45	9:38	8.3	8.45	31.6	22.33	3.09	2	113	0.142	SE
S3	20200418	Sunny	Moderate	Mid-Ebb	S	1	9:39	8.05	8.24	31.73	22.22	3.46	5	114	0.157	E
S3	20200418	Sunny	Moderate	Mid-Ebb	S	1	9:39	7.81	8.63	31.32	22.22	3.17	4	114	0.147	SE
B1	20200418	Sunny	Moderate	Mid-Flood	B	4	14:04	7.84	8.32	31.5	22.76	4.01	4	113	0.148	W
B1	20200418	Sunny	Moderate	Mid-Flood	B	4	14:04	7.62	8.54	31.58	22.72	3.98	3	113	0.2	NW
B1	20200418	Sunny	Moderate	Mid-Flood	S	1	14:05	7.37	8.44	31.93	22.83	3.19	3	114	0.186	W
B1	20200418	Sunny	Moderate	Mid-Flood	S	1	14:05	7.38	8.53	31.58	22.63	3.41	4	113	0.2	W
B2	20200418	Sunny	Moderate	Mid-Flood	B	3.8	13:45	7.69	8.44	31.9	22.66	3.6	3	114	0.152	W
B2	20200418	Sunny	Moderate	Mid-Flood	B	3.8	13:45	7.57	8.42	31.6	22.87	3.59	4	113	0.192	W
B2	20200418	Sunny	Moderate	Mid-Flood	S	1	13:46	7.86	8.33	32.11	22.58	3.54	4	112	0.181	W
B2	20200418	Sunny	Moderate	Mid-Flood	S	1	13:46	8.06	8.59	32.03	22.78	3.51	5	113	0.154	W
B3	20200418	Sunny	Moderate	Mid-Flood	B	3.4	14:31	7.42	8.49	31.55	22.8	4.11	4	113	0.142	NW
B3	20200418	Sunny	Moderate	Mid-Flood	B	3.4	14:31	7.83	8.55	31.63	22.69	4.13	5	114	0.158	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
B3	20200418	Sunny	Moderate	Mid-Flood	S	1	14:32	7.57	8.34	31.77	22.56	3.51	5	113	0.181	NW
B3	20200418	Sunny	Moderate	Mid-Flood	S	1	14:32	7.56	8.29	31.54	22.52	3.48	4	114	0.174	NW
B4	20200418	Sunny	Moderate	Mid-Flood	B	3.8	14:38	7.92	8.36	31.56	22.53	4.18	3	115	0.16	W
B4	20200418	Sunny	Moderate	Mid-Flood	B	3.8	14:38	7.6	8.35	32.08	22.57	3.73	2	112	0.181	W
B4	20200418	Sunny	Moderate	Mid-Flood	S	1	14:39	7.78	8.5	31.86	22.85	3.56	4	112	0.159	W
B4	20200418	Sunny	Moderate	Mid-Flood	S	1	14:39	7.57	8.38	31.94	22.84	3.1	3	113	0.164	W
C1A	20200418	Sunny	Moderate	Mid-Flood	B	9.8	14:50	7.78	8.59	31.97	22.63	3.98	3	111	0.183	W
C1A	20200418	Sunny	Moderate	Mid-Flood	B	9.8	14:50	8.05	8.39	31.71	22.8	3.96	3	113	0.187	W
C1A	20200418	Sunny	Moderate	Mid-Flood	M	5.4	14:51	7.97	8.46	32.05	22.75	3.53	3	112	0.178	W
C1A	20200418	Sunny	Moderate	Mid-Flood	M	5.4	14:51	7.93	8.36	31.74	22.7	3.23	2	113	0.146	NW
C1A	20200418	Sunny	Moderate	Mid-Flood	S	1	14:52	7.73	8.4	31.79	22.66	3.14	<2	111	0.142	W
C1A	20200418	Sunny	Moderate	Mid-Flood	S	1	14:52	7.36	8.56	31.6	22.73	3.53	<2	112	0.169	W
C2A	20200418	Sunny	Moderate	Mid-Flood	B	10.1	13:45	7.92	8.56	31.88	22.58	3.58	<2	114	0.139	W
C2A	20200418	Sunny	Moderate	Mid-Flood	B	10.1	13:45	7.98	8.6	31.89	22.67	3.8	<2	112	0.167	NW
C2A	20200418	Sunny	Moderate	Mid-Flood	M	5.55	13:46	7.62	8.31	31.54	22.76	3.25	<2	113	0.158	W
C2A	20200418	Sunny	Moderate	Mid-Flood	M	5.55	13:46	7.64	8.66	32.13	22.66	3.64	<2	115	0.189	NW
C2A	20200418	Sunny	Moderate	Mid-Flood	S	1	13:47	7.65	8.28	31.93	22.68	3.35	<2	113	0.138	W
C2A	20200418	Sunny	Moderate	Mid-Flood	S	1	13:47	7.37	8.63	31.73	22.74	3.35	2	114	0.174	W
CR1	20200418	Sunny	Moderate	Mid-Flood	B	11.9	14:08	8.05	8.32	32.15	22.91	3.73	<2	112	0.166	W
CR1	20200418	Sunny	Moderate	Mid-Flood	B	11.9	14:08	7.9	8.48	31.73	22.54	3.82	3	113	0.169	W
CR1	20200418	Sunny	Moderate	Mid-Flood	M	6.45	14:09	7.46	8.6	31.75	22.75	3.21	4	114	0.151	W
CR1	20200418	Sunny	Moderate	Mid-Flood	M	6.45	14:09	7.61	8.54	31.71	22.93	3.32	4	112	0.153	NW
CR1	20200418	Sunny	Moderate	Mid-Flood	S	1	14:10	7.83	8.68	32.07	22.71	3.4	3	112	0.154	W
CR1	20200418	Sunny	Moderate	Mid-Flood	S	1	14:10	7.64	8.57	31.61	22.92	3.28	4	115	0.156	NW
CR2	20200418	Sunny	Moderate	Mid-Flood	B	10.5	14:23	8.02	8.27	31.67	22.71	3.53	4	113	0.194	NW
CR2	20200418	Sunny	Moderate	Mid-Flood	B	10.5	14:23	7.91	8.56	31.66	22.69	3.61	3	114	0.169	W
CR2	20200418	Sunny	Moderate	Mid-Flood	M	5.75	14:24	7.61	8.48	31.71	22.65	3.17	4	113	0.166	W
CR2	20200418	Sunny	Moderate	Mid-Flood	M	5.75	14:24	7.82	8.32	31.97	22.68	3.27	3	113	0.171	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20200418	Sunny	Moderate	Mid-Flood	S	1	14:25	7.76	8.25	31.75	22.88	2.97	4	114	0.147	W
CR2	20200418	Sunny	Moderate	Mid-Flood	S	1	14:25	7.35	8.52	31.63	22.66	2.99	4	114	0.141	NW
F1A	20200418	Sunny	Moderate	Mid-Flood	B	7	15:00	7.73	8.28	31.92	22.75	3.94	3	112	0.192	W
F1A	20200418	Sunny	Moderate	Mid-Flood	B	7	15:00	7.85	8.56	32.09	22.6	3.69	<2	113	0.176	W
F1A	20200418	Sunny	Moderate	Mid-Flood	M	4	15:01	7.72	8.31	32.03	22.62	3.44	3	114	0.161	W
F1A	20200418	Sunny	Moderate	Mid-Flood	M	4	15:01	7.73	8.54	31.52	22.68	3.64	2	113	0.156	W
F1A	20200418	Sunny	Moderate	Mid-Flood	S	1	15:02	7.99	8.4	31.56	22.68	2.97	2	114	0.185	W
F1A	20200418	Sunny	Moderate	Mid-Flood	S	1	15:02	7.8	8.37	32.1	22.44	3.41	3	114	0.16	W
H1	20200418	Sunny	Moderate	Mid-Flood	B	6.6	15:14	7.72	8.31	32.02	22.69	3.77	<2	114	0.195	NW
H1	20200418	Sunny	Moderate	Mid-Flood	B	6.6	15:14	7.82	8.38	31.75	22.45	3.65	<2	114	0.15	W
H1	20200418	Sunny	Moderate	Mid-Flood	M	3.8	15:15	7.44	8.35	31.53	22.46	3.7	<2	113	0.174	W
H1	20200418	Sunny	Moderate	Mid-Flood	M	3.8	15:15	7.94	8.52	31.72	22.73	3.21	<2	112	0.195	W
H1	20200418	Sunny	Moderate	Mid-Flood	S	1	15:16	7.69	8.54	31.69	22.58	3.51	2	113	0.16	W
H1	20200418	Sunny	Moderate	Mid-Flood	S	1	15:16	7.57	8.54	31.55	22.82	3.38	<2	112	0.187	W
M1	20200418	Sunny	Moderate	Mid-Flood	B	7.5	15:21	8.08	8.58	32.12	22.51	3.74	3	112	0.176	W
M1	20200418	Sunny	Moderate	Mid-Flood	B	7.5	15:21	7.38	8.32	31.64	22.76	3.78	4	113	0.162	W
M1	20200418	Sunny	Moderate	Mid-Flood	M	4.25	15:22	7.86	8.29	32.15	22.47	3.71	4	114	0.17	W
M1	20200418	Sunny	Moderate	Mid-Flood	M	4.25	15:22	7.38	8.36	31.71	22.4	3.31	3	113	0.168	W
M1	20200418	Sunny	Moderate	Mid-Flood	S	1	15:23	7.59	8.29	31.99	22.63	3.06	4	114	0.178	NW
M1	20200418	Sunny	Moderate	Mid-Flood	S	1	15:23	7.96	8.26	31.76	22.57	3.48	3	113	0.142	W
S1	20200418	Sunny	Moderate	Mid-Flood	B	4	13:55	7.71	8.56	31.81	22.71	3.79	4	112	0.142	W
S1	20200418	Sunny	Moderate	Mid-Flood	B	4	13:55	7.43	8.29	31.88	22.66	3.76	4	112	0.172	W
S1	20200418	Sunny	Moderate	Mid-Flood	S	1	13:56	8	8.44	32.07	22.77	3.53	2	113	0.141	W
S1	20200418	Sunny	Moderate	Mid-Flood	S	1	13:56	7.7	8.41	31.81	22.96	3.53	2	115	0.14	W
S2A	20200418	Sunny	Moderate	Mid-Flood	B	8.8	14:18	7.96	8.31	31.79	22.77	3.6	4	113	0.179	W
S2A	20200418	Sunny	Moderate	Mid-Flood	B	8.8	14:18	8.11	8.58	32.04	22.54	3.54	4	113	0.161	W
S2A	20200418	Sunny	Moderate	Mid-Flood	M	4.9	14:19	8.05	8.56	31.72	22.54	3.15	2	113	0.19	NW
S2A	20200418	Sunny	Moderate	Mid-Flood	M	4.9	14:19	7.74	8.55	32.08	22.58	3.48	4	112	0.159	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20200418	Sunny	Moderate	Mid-Flood	S	1	14:20	7.91	8.4	31.57	22.69	3.4	5	113	0.145	NW
S2A	20200418	Sunny	Moderate	Mid-Flood	S	1	14:20	7.48	8.4	31.63	22.69	3.22	4	113	0.199	W
S3	20200418	Sunny	Moderate	Mid-Flood	B	9.8	14:32	8	8.49	32.09	22.89	3.79	3	112	0.183	W
S3	20200418	Sunny	Moderate	Mid-Flood	B	9.8	14:32	8.06	8.54	31.77	22.64	4.07	4	111	0.19	W
S3	20200418	Sunny	Moderate	Mid-Flood	M	5.4	14:33	8.02	8.38	31.99	22.64	3.64	3	112	0.194	W
S3	20200418	Sunny	Moderate	Mid-Flood	M	5.4	14:33	7.44	8.42	31.86	22.88	3.42	4	113	0.146	W
S3	20200418	Sunny	Moderate	Mid-Flood	S	1	14:34	7.61	8.45	32.03	22.52	3.52	4	113	0.18	W
S3	20200418	Sunny	Moderate	Mid-Flood	S	1	14:34	7.78	8.55	32.11	22.76	3.33	5	114	0.157	W
B1	20200420	Cloudy	Moderate	Mid-Ebb	B	3.8	12:07	8.15	8.41	32.14	22.36	3.02	2	113	0.244	SE
B1	20200420	Cloudy	Moderate	Mid-Ebb	B	3.8	12:07	7.84	8.28	31.96	22.39	3	3	111	0.165	E
B1	20200420	Cloudy	Moderate	Mid-Ebb	S	1	12:08	8.21	8.67	32.13	22.79	2.62	<2	112	0.22	SE
B1	20200420	Cloudy	Moderate	Mid-Ebb	S	1	12:08	8.39	8.62	32.01	22.8	2.6	<2	113	0.25	SE
B2	20200420	Cloudy	Moderate	Mid-Ebb	B	4	12:25	8.57	8.4	31.83	22.94	2.98	3	113	0.161	E
B2	20200420	Cloudy	Moderate	Mid-Ebb	B	4	12:25	8.29	8.47	32.1	22.78	3.44	2	113	0.221	SE
B2	20200420	Cloudy	Moderate	Mid-Ebb	S	1	12:26	8.34	8.59	31.86	22.71	2.64	4	112	0.182	E
B2	20200420	Cloudy	Moderate	Mid-Ebb	S	1	12:26	8.53	8.58	32.1	22.85	2.38	4	112	0.173	SE
B3	20200420	Cloudy	Moderate	Mid-Ebb	B	4.3	11:37	8.42	8.55	32.22	22.72	3.12	<2	116	0.148	SE
B3	20200420	Cloudy	Moderate	Mid-Ebb	B	4.3	11:37	7.83	8.47	31.85	22.67	3.17	3	117	0.232	E
B3	20200420	Cloudy	Moderate	Mid-Ebb	S	1	11:38	8.3	8.69	32.27	22.75	2.53	3	118	0.232	SE
B3	20200420	Cloudy	Moderate	Mid-Ebb	S	1	11:38	8.13	8.42	31.94	22.51	2.44	<2	115	0.18	SE
B4	20200420	Cloudy	Moderate	Mid-Ebb	B	4	11:29	8.26	8.43	31.87	22.45	3.32	<2	116	0.176	E
B4	20200420	Cloudy	Moderate	Mid-Ebb	B	4	11:29	8.39	8.31	31.85	22.73	3.27	3	114	0.195	E
B4	20200420	Cloudy	Moderate	Mid-Ebb	S	1	11:30	8.18	8.57	32.07	22.66	2.39	<2	114	0.232	E
B4	20200420	Cloudy	Moderate	Mid-Ebb	S	1	11:30	8.59	8.52	32.26	22.49	2.47	2	116	0.174	E
C1A	20200420	Cloudy	Moderate	Mid-Ebb	B	8.3	9:42	8.02	8.64	31.99	22.42	2.9	3	118	0.221	SE
C1A	20200420	Cloudy	Moderate	Mid-Ebb	B	8.3	9:42	8.03	8.31	32.01	22.2	3.09	4	118	0.147	SE
C1A	20200420	Cloudy	Moderate	Mid-Ebb	M	4.65	9:43	7.76	8.54	31.84	22.57	2.58	3	118	0.167	E
C1A	20200420	Cloudy	Moderate	Mid-Ebb	M	4.65	9:43	7.86	8.48	32.18	22.2	2.63	3	115	0.191	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	20200420	Cloudy	Moderate	Mid-Ebb	S	1	9:44	8.27	8.27	31.8	22.23	2.89	3	114	0.148	SE
C1A	20200420	Cloudy	Moderate	Mid-Ebb	S	1	9:44	7.98	8.37	32.19	22.36	2.69	<2	115	0.171	SE
C2A	20200420	Cloudy	Moderate	Mid-Ebb	B	10.8	11:02	7.88	8.29	32.3	22.52	3.19	3	117	0.202	SE
C2A	20200420	Cloudy	Moderate	Mid-Ebb	B	10.8	11:02	8.27	8.34	32.24	22.28	2.87	3	118	0.168	E
C2A	20200420	Cloudy	Moderate	Mid-Ebb	M	5.9	11:03	8.49	8.18	31.82	22.57	2.42	3	117	0.237	SE
C2A	20200420	Cloudy	Moderate	Mid-Ebb	M	5.9	11:03	8.26	8.28	31.92	22.82	2.49	4	118	0.218	E
C2A	20200420	Cloudy	Moderate	Mid-Ebb	S	1	11:04	7.72	8.61	32.3	22.77	2.66	2	118	0.193	SE
C2A	20200420	Cloudy	Moderate	Mid-Ebb	S	1	11:04	7.78	8.44	32.24	22.7	2.39	3	115	0.241	SE
CR1	20200420	Cloudy	Moderate	Mid-Ebb	B	12.8	10:43	7.88	8.56	32.23	22.58	3.01	<2	119	0.213	SE
CR1	20200420	Cloudy	Moderate	Mid-Ebb	B	12.8	10:43	8.23	8.56	31.82	22.35	3.08	2	115	0.149	SE
CR1	20200420	Cloudy	Moderate	Mid-Ebb	M	6.9	10:44	8.4	8.2	31.97	22.34	2.55	2	116	0.218	SE
CR1	20200420	Cloudy	Moderate	Mid-Ebb	M	6.9	10:44	8.05	8.63	32.15	22.17	2.82	2	116	0.155	SE
CR1	20200420	Cloudy	Moderate	Mid-Ebb	S	1	10:45	8.36	8.6	31.84	22.39	2.51	2	117	0.185	E
CR1	20200420	Cloudy	Moderate	Mid-Ebb	S	1	10:45	7.8	8.61	32.09	22.22	2.87	2	118	0.204	SE
CR2	20200420	Cloudy	Moderate	Mid-Ebb	B	10.9	10:23	8.15	8.28	32.16	22.34	2.86	2	119	0.152	SE
CR2	20200420	Cloudy	Moderate	Mid-Ebb	B	10.9	10:23	8.28	8.43	32.26	22.59	3.03	2	116	0.202	SE
CR2	20200420	Cloudy	Moderate	Mid-Ebb	M	5.95	10:24	8.36	8.72	31.83	22.48	2.78	<2	120	0.156	SE
CR2	20200420	Cloudy	Moderate	Mid-Ebb	M	5.95	10:24	8.26	8.43	31.8	22.17	2.6	3	117	0.227	SE
CR2	20200420	Cloudy	Moderate	Mid-Ebb	S	1	10:25	8.37	8.48	31.95	22.31	2.71	3	116	0.147	SE
CR2	20200420	Cloudy	Moderate	Mid-Ebb	S	1	10:25	8.55	8.27	31.87	22.41	2.61	3	115	0.238	E
F1A	20200420	Cloudy	Moderate	Mid-Ebb	B	7	11:06	7.77	8.45	32.26	22.73	3.45	3	116	0.186	SE
F1A	20200420	Cloudy	Moderate	Mid-Ebb	B	7	11:06	8.03	8.35	31.89	22.72	3.25	3	116	0.23	SE
F1A	20200420	Cloudy	Moderate	Mid-Ebb	M	4	11:07	7.91	8.65	31.89	22.62	2.62	4	115	0.208	SE
F1A	20200420	Cloudy	Moderate	Mid-Ebb	M	4	11:07	7.99	8.17	32.18	22.27	2.45	4	116	0.208	SE
F1A	20200420	Cloudy	Moderate	Mid-Ebb	S	1	11:08	7.99	8.28	32	22.53	2.83	4	116	0.209	E
F1A	20200420	Cloudy	Moderate	Mid-Ebb	S	1	11:08	7.84	8.73	32.02	22.47	2.74	3	119	0.199	SE
H1	20200420	Cloudy	Moderate	Mid-Ebb	B	6.8	10:05	8.53	8.29	32.28	22.34	3.1	2	115	0.17	E
H1	20200420	Cloudy	Moderate	Mid-Ebb	B	6.8	10:05	7.94	8.5	32	22.32	3.45	<2	115	0.195	E

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
H1	20200420	Cloudy	Moderate	Mid-Ebb	M	3.9	10:06	8.23	8.67	31.87	22.25	2.73	3	117	0.207	E
H1	20200420	Cloudy	Moderate	Mid-Ebb	M	3.9	10:06	8.15	8.46	32.04	22.26	2.79	<2	115	0.175	E
H1	20200420	Cloudy	Moderate	Mid-Ebb	S	1	10:07	8.07	8.53	31.81	22.29	2.64	2	115	0.207	SE
H1	20200420	Cloudy	Moderate	Mid-Ebb	S	1	10:07	8.32	8.73	32.08	22.18	2.57	3	117	0.184	SE
M1	20200420	Cloudy	Moderate	Mid-Ebb	B	8.1	10:42	8.2	8.27	32.23	22.61	3.18	3	118	0.198	SE
M1	20200420	Cloudy	Moderate	Mid-Ebb	B	8.1	10:42	7.83	8.5	32.04	22.67	3.21	3	118	0.148	E
M1	20200420	Cloudy	Moderate	Mid-Ebb	M	4.55	10:43	8.37	8.38	32.05	22.18	2.84	3	115	0.204	E
M1	20200420	Cloudy	Moderate	Mid-Ebb	M	4.55	10:43	7.73	8.68	32.03	22.23	2.88	4	114	0.169	SE
M1	20200420	Cloudy	Moderate	Mid-Ebb	S	1	10:44	8.24	8.4	31.93	22.52	2.36	3	115	0.208	E
M1	20200420	Cloudy	Moderate	Mid-Ebb	S	1	10:44	8.11	8.46	32.04	22.29	2.5	4	117	0.16	SE
S1	20200420	Cloudy	Moderate	Mid-Ebb	B	4.1	12:16	8.11	8.5	31.94	22.48	3.06	<2	117	0.203	SE
S1	20200420	Cloudy	Moderate	Mid-Ebb	B	4.1	12:16	7.99	8.28	32.19	22.61	2.9	<2	116	0.24	E
S1	20200420	Cloudy	Moderate	Mid-Ebb	S	1	12:17	7.74	8.52	31.8	22.49	2.37	3	115	0.153	E
S1	20200420	Cloudy	Moderate	Mid-Ebb	S	1	12:17	7.86	8.46	32.02	22.8	2.31	<2	116	0.229	E
S2A	20200420	Cloudy	Moderate	Mid-Ebb	B	8.3	11:53	8.12	8.17	31.94	22.33	3.08	4	117	0.247	SE
S2A	20200420	Cloudy	Moderate	Mid-Ebb	B	8.3	11:53	8.53	8.42	32.04	22.72	3.02	3	114	0.172	SE
S2A	20200420	Cloudy	Moderate	Mid-Ebb	M	4.65	11:54	7.89	8.39	31.9	22.9	2.68	4	114	0.187	E
S2A	20200420	Cloudy	Moderate	Mid-Ebb	M	4.65	11:54	7.89	8.58	31.97	22.59	2.49	3	112	0.173	SE
S2A	20200420	Cloudy	Moderate	Mid-Ebb	S	1	11:55	8.55	8.44	32.02	22.75	2.76	5	117	0.209	SE
S2A	20200420	Cloudy	Moderate	Mid-Ebb	S	1	11:55	8.3	8.18	31.86	22.48	2.76	6	118	0.247	SE
S3	20200420	Cloudy	Moderate	Mid-Ebb	B	10.6	10:33	8.4	8.25	32.19	22.56	3.43	2	119	0.221	E
S3	20200420	Cloudy	Moderate	Mid-Ebb	B	10.6	10:33	7.8	8.31	31.89	22.7	3.02	3	116	0.19	E
S3	20200420	Cloudy	Moderate	Mid-Ebb	M	5.8	10:34	7.82	8.39	32.2	22.19	2.81	4	115	0.206	SE
S3	20200420	Cloudy	Moderate	Mid-Ebb	M	5.8	10:34	8.34	8.31	31.9	22.43	2.6	3	114	0.19	E
S3	20200420	Cloudy	Moderate	Mid-Ebb	S	1	10:35	7.85	8.52	32.22	22.28	2.79	4	118	0.216	E
S3	20200420	Cloudy	Moderate	Mid-Ebb	S	1	10:35	8.5	8.52	31.82	22.6	2.74	3	115	0.247	SE
B1	20200420	Cloudy	Moderate	Mid-Flood	B	4.2	14:43	8.4	8.68	31.98	22.91	3.41	<2	110	0.196	W
B1	20200420	Cloudy	Moderate	Mid-Flood	B	4.2	14:43	8.03	8.22	32.06	22.49	3.42	3	111	0.231	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
B1	20200420	Cloudy	Moderate	Mid-Flood	S	1	14:44	8.5	8.61	31.71	22.88	2.82	<2	112	0.236	W
B1	20200420	Cloudy	Moderate	Mid-Flood	S	1	14:44	7.96	8.56	31.79	22.75	2.73	2	112	0.254	W
B2	20200420	Cloudy	Moderate	Mid-Flood	B	3.6	14:23	8.37	8.57	32.31	22.95	2.89	2	110	0.257	W
B2	20200420	Cloudy	Moderate	Mid-Flood	B	3.6	14:23	8.45	8.17	32.2	22.48	3.08	<2	110	0.176	W
B2	20200420	Cloudy	Moderate	Mid-Flood	S	1	14:24	8.08	8.33	32.08	22.51	2.54	<2	110	0.212	NW
B2	20200420	Cloudy	Moderate	Mid-Flood	S	1	14:24	7.97	8.34	32.09	22.66	2.37	2	110	0.18	NW
B3	20200420	Cloudy	Moderate	Mid-Flood	B	3.9	15:10	7.85	8.58	32.08	22.51	3.41	2	110	0.249	W
B3	20200420	Cloudy	Moderate	Mid-Flood	B	3.9	15:10	8.22	8.2	31.96	22.72	3.2	2	109	0.188	W
B3	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:11	7.93	8.24	32.19	22.41	2.9	2	110	0.218	W
B3	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:11	8.43	8.72	31.86	22.5	2.42	<2	109	0.257	W
B4	20200420	Cloudy	Moderate	Mid-Flood	B	3.6	15:18	7.85	8.73	32.23	22.5	3.16	3	112	0.215	W
B4	20200420	Cloudy	Moderate	Mid-Flood	B	3.6	15:18	8.1	8.37	31.78	22.84	3.47	2	111	0.185	W
B4	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:19	8.06	8.59	31.86	22.59	2.82	2	110	0.213	W
B4	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:19	8.58	8.46	32.3	22.45	2.71	<2	110	0.245	W
C1A	20200420	Cloudy	Moderate	Mid-Flood	B	10.6	15:29	8.34	8.67	32.09	22.34	3.44	4	110	0.192	NW
C1A	20200420	Cloudy	Moderate	Mid-Flood	B	10.6	15:29	8.03	8.3	32.12	22.34	3.18	4	110	0.237	W
C1A	20200420	Cloudy	Moderate	Mid-Flood	M	5.8	15:30	8.57	8.56	32.31	22.44	2.94	4	110	0.256	W
C1A	20200420	Cloudy	Moderate	Mid-Flood	M	5.8	15:30	7.85	8.13	31.72	22.79	2.81	3	110	0.243	W
C1A	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:31	7.92	8.59	31.98	22.85	2.63	4	112	0.17	NW
C1A	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:31	8.03	8.28	32.27	22.46	2.85	3	111	0.21	NW
C2A	20200420	Cloudy	Moderate	Mid-Flood	B	10	14:23	8.58	8.3	32.19	22.89	3.29	3	110	0.181	NW
C2A	20200420	Cloudy	Moderate	Mid-Flood	B	10	14:23	8.2	8.46	32.27	22.44	3.36	4	111	0.19	W
C2A	20200420	Cloudy	Moderate	Mid-Flood	M	5.5	14:24	8.08	8.25	32.05	22.61	2.77	4	110	0.177	W
C2A	20200420	Cloudy	Moderate	Mid-Flood	M	5.5	14:24	7.93	8.69	32	22.33	2.55	5	110	0.168	W
C2A	20200420	Cloudy	Moderate	Mid-Flood	S	1	14:25	8.55	8.37	32.02	22.94	2.8	4	110	0.204	W
C2A	20200420	Cloudy	Moderate	Mid-Flood	S	1	14:25	8.6	8.22	31.73	22.43	2.86	5	110	0.229	W
CR1	20200420	Cloudy	Moderate	Mid-Flood	B	11.1	14:46	8.27	8.57	31.94	22.55	3.42	4	112	0.203	NW
CR1	20200420	Cloudy	Moderate	Mid-Flood	B	11.1	14:46	8.11	8.65	32.06	22.65	2.88	3	109	0.229	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	20200420	Cloudy	Moderate	Mid-Flood	M	6.05	14:47	8.26	8.38	32.16	22.36	2.83	4	110	0.199	W
CR1	20200420	Cloudy	Moderate	Mid-Flood	M	6.05	14:47	8.17	8.71	31.92	22.78	2.88	4	111	0.21	W
CR1	20200420	Cloudy	Moderate	Mid-Flood	S	1	14:48	8.48	8.44	31.98	22.79	2.48	3	110	0.168	W
CR1	20200420	Cloudy	Moderate	Mid-Flood	S	1	14:48	8.09	8.17	32.13	22.34	2.56	4	109	0.203	W
CR2	20200420	Cloudy	Moderate	Mid-Flood	B	10	15:02	8.47	8.15	32.29	22.44	2.88	2	109	0.258	W
CR2	20200420	Cloudy	Moderate	Mid-Flood	B	10	15:02	8.15	8.46	32.2	22.36	3.27	3	111	0.171	W
CR2	20200420	Cloudy	Moderate	Mid-Flood	M	5.5	15:03	7.99	8.37	31.95	22.51	2.62	3	111	0.26	NW
CR2	20200420	Cloudy	Moderate	Mid-Flood	M	5.5	15:03	8.14	8.44	32.07	22.52	2.78	<2	110	0.246	W
CR2	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:04	8.43	8.4	31.72	22.26	2.35	3	110	0.192	W
CR2	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:04	8.23	8.22	32.32	22.58	2.78	3	110	0.26	W
F1A	20200420	Cloudy	Moderate	Mid-Flood	B	6.8	15:40	7.91	8.45	32.04	22.51	3.09	2	110	0.183	W
F1A	20200420	Cloudy	Moderate	Mid-Flood	B	6.8	15:40	8.52	8.27	32.32	22.33	3.28	3	110	0.207	W
F1A	20200420	Cloudy	Moderate	Mid-Flood	M	3.9	15:41	8.44	8.11	31.78	22.57	2.65	3	110	0.251	W
F1A	20200420	Cloudy	Moderate	Mid-Flood	M	3.9	15:41	8.3	8.33	32.11	22.48	2.91	3	110	0.22	W
F1A	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:42	8.09	8.69	31.73	22.46	2.61	3	111	0.206	W
F1A	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:42	8.36	8.54	31.78	22.87	2.9	4	109	0.209	W
H1	20200420	Cloudy	Moderate	Mid-Flood	B	7.4	15:53	8.18	8.45	32.17	22.55	3.2	4	109	0.176	W
H1	20200420	Cloudy	Moderate	Mid-Flood	B	7.4	15:53	7.9	8.51	31.8	22.57	3.27	3	109	0.241	NW
H1	20200420	Cloudy	Moderate	Mid-Flood	M	4.2	15:54	8.4	8.53	31.7	22.62	2.75	3	111	0.245	NW
H1	20200420	Cloudy	Moderate	Mid-Flood	M	4.2	15:54	8.42	8.48	31.73	22.69	2.65	3	110	0.223	W
H1	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:55	8.42	8.56	32.11	22.76	2.63	3	111	0.193	NW
H1	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:55	7.99	8.34	32.14	22.73	2.57	3	111	0.185	W
M1	20200420	Cloudy	Moderate	Mid-Flood	B	6.6	16:03	8.02	8.34	32.04	22.43	2.88	3	111	0.242	W
M1	20200420	Cloudy	Moderate	Mid-Flood	B	6.6	16:03	8.46	8.11	32	22.7	3.12	<2	111	0.246	W
M1	20200420	Cloudy	Moderate	Mid-Flood	M	3.8	16:04	7.93	8.77	32.27	22.83	2.67	3	109	0.221	W
M1	20200420	Cloudy	Moderate	Mid-Flood	M	3.8	16:04	7.86	8.47	31.72	22.5	2.72	2	109	0.169	NW
M1	20200420	Cloudy	Moderate	Mid-Flood	S	1	16:05	8.46	8.44	31.9	22.53	2.84	3	109	0.198	W
M1	20200420	Cloudy	Moderate	Mid-Flood	S	1	16:05	8.25	8.26	31.85	22.46	2.52	4	110	0.253	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	20200420	Cloudy	Moderate	Mid-Flood	B	4.3	14:34	8.43	8.54	32.19	22.52	3.18	3	110	0.192	W
S1	20200420	Cloudy	Moderate	Mid-Flood	B	4.3	14:34	8.61	8.76	31.77	22.61	2.99	4	111	0.174	W
S1	20200420	Cloudy	Moderate	Mid-Flood	S	1	14:35	8.46	8.58	31.71	22.38	2.48	3	110	0.259	W
S1	20200420	Cloudy	Moderate	Mid-Flood	S	1	14:35	8.14	8.17	32.11	22.34	2.37	3	110	0.243	W
S2A	20200420	Cloudy	Moderate	Mid-Flood	B	8.5	14:57	8.43	8.15	32.22	22.39	3.38	3	110	0.222	W
S2A	20200420	Cloudy	Moderate	Mid-Flood	B	8.5	14:57	8.54	8.65	32.33	22.41	3.04	<2	109	0.247	W
S2A	20200420	Cloudy	Moderate	Mid-Flood	M	4.75	14:58	7.99	8.14	32.35	22.53	2.89	3	111	0.25	W
S2A	20200420	Cloudy	Moderate	Mid-Flood	M	4.75	14:58	8.61	8.7	32.19	22.43	2.64	2	111	0.202	NW
S2A	20200420	Cloudy	Moderate	Mid-Flood	S	1	14:59	8.06	8.47	32.34	22.48	2.82	4	111	0.19	NW
S2A	20200420	Cloudy	Moderate	Mid-Flood	S	1	14:59	8.42	8.18	32.01	22.42	2.39	4	110	0.202	W
S3	20200420	Cloudy	Moderate	Mid-Flood	B	8.6	15:10	8.46	8.64	31.72	22.84	3.42	4	111	0.182	NW
S3	20200420	Cloudy	Moderate	Mid-Flood	B	8.6	15:10	8.21	8.46	32.23	22.81	3.12	3	112	0.211	W
S3	20200420	Cloudy	Moderate	Mid-Flood	M	4.8	15:11	7.91	8.33	32.09	22.44	2.84	3	111	0.171	NW
S3	20200420	Cloudy	Moderate	Mid-Flood	M	4.8	15:11	7.98	8.38	32.2	22.71	2.77	3	111	0.242	W
S3	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:12	7.92	8.59	32.12	22.65	2.89	2	110	0.192	W
S3	20200420	Cloudy	Moderate	Mid-Flood	S	1	15:12	8.37	8.63	31.78	22.35	3.02	3	110	0.22	W
B1	20200422	Cloudy	Moderate	Mid-Ebb	B	3.6	12:49	8.62	8.24	31.74	21.85	3.25	2	112	0.128	SE
B1	20200422	Cloudy	Moderate	Mid-Ebb	B	3.6	12:49	8.33	8.57	31.77	21.49	3.52	4	112	0.203	SE
B1	20200422	Cloudy	Moderate	Mid-Ebb	S	1	12:50	8.41	8.28	31.74	21.49	3.1	3	111	0.214	SE
B1	20200422	Cloudy	Moderate	Mid-Ebb	S	1	12:50	8.4	8.32	31.81	21.56	2.67	2	113	0.148	SE
B2	20200422	Cloudy	Moderate	Mid-Ebb	B	4.2	13:08	8.66	8.4	31.64	21.78	3.61	<2	111	0.181	SE
B2	20200422	Cloudy	Moderate	Mid-Ebb	B	4.2	13:08	8.49	8.61	31.72	21.8	3.5	<2	112	0.146	SE
B2	20200422	Cloudy	Moderate	Mid-Ebb	S	1	13:09	8.57	8.58	31.88	21.66	2.6	2	112	0.146	SE
B2	20200422	Cloudy	Moderate	Mid-Ebb	S	1	13:09	8.11	8.44	31.62	21.85	2.92	<2	113	0.135	SE
B3	20200422	Cloudy	Moderate	Mid-Ebb	B	4.4	12:21	8.15	8.2	31.69	21.49	3.34	<2	112	0.213	SE
B3	20200422	Cloudy	Moderate	Mid-Ebb	B	4.4	12:21	8.55	8.46	31.76	21.69	3.45	<2	112	0.157	SE
B3	20200422	Cloudy	Moderate	Mid-Ebb	S	1	12:22	8.41	8.34	31.78	21.55	3.06	<2	114	0.22	SE
B3	20200422	Cloudy	Moderate	Mid-Ebb	S	1	12:22	8.63	8.56	31.97	21.86	3.1	<2	111	0.195	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
B4	20200422	Cloudy	Moderate	Mid-Ebb	B	3.4	12:13	8.69	8.33	31.85	21.41	3.37	4	112	0.149	SE
B4	20200422	Cloudy	Moderate	Mid-Ebb	B	3.4	12:13	8.36	8.16	31.82	21.63	3.65	3	110	0.218	E
B4	20200422	Cloudy	Moderate	Mid-Ebb	S	1	12:14	7.98	8.38	31.83	21.59	2.99	<2	112	0.173	SE
B4	20200422	Cloudy	Moderate	Mid-Ebb	S	1	12:14	8.61	8.61	31.6	21.75	3	2	111	0.167	SE
C1A	20200422	Cloudy	Moderate	Mid-Ebb	B	8.8	10:31	8.31	8.63	31.76	21.53	3.49	3	111	0.188	SE
C1A	20200422	Cloudy	Moderate	Mid-Ebb	B	8.8	10:31	8.48	8.33	32.19	21.6	3.47	2	112	0.175	E
C1A	20200422	Cloudy	Moderate	Mid-Ebb	M	4.9	10:32	8.6	8.38	31.7	21.56	2.92	<2	111	0.206	E
C1A	20200422	Cloudy	Moderate	Mid-Ebb	M	4.9	10:32	8.67	8.18	31.61	21.41	2.81	3	111	0.177	SE
C1A	20200422	Cloudy	Moderate	Mid-Ebb	S	1	10:33	8.47	8.56	31.76	21.63	2.79	<2	113	0.156	SE
C1A	20200422	Cloudy	Moderate	Mid-Ebb	S	1	10:33	8.26	8.54	32.03	21.58	2.9	2	112	0.173	SE
C2A	20200422	Cloudy	Moderate	Mid-Ebb	B	11.2	12:01	8.59	8.39	32.01	21.37	3.54	2	112	0.152	E
C2A	20200422	Cloudy	Moderate	Mid-Ebb	B	11.2	12:01	7.97	8.36	31.67	21.69	3.61	2	112	0.164	SE
C2A	20200422	Cloudy	Moderate	Mid-Ebb	M	6.1	12:02	8.51	8.59	32.05	21.6	2.99	3	112	0.131	SE
C2A	20200422	Cloudy	Moderate	Mid-Ebb	M	6.1	12:02	8.38	8.36	31.73	21.64	3.05	<2	112	0.175	SE
C2A	20200422	Cloudy	Moderate	Mid-Ebb	S	1	12:03	8.57	8.63	32.14	21.7	2.85	<2	112	0.153	SE
C2A	20200422	Cloudy	Moderate	Mid-Ebb	S	1	12:03	8.06	8.54	31.99	21.56	2.88	2	113	0.147	E
CR1	20200422	Cloudy	Moderate	Mid-Ebb	B	12	11:39	8.43	8.59	31.64	21.65	3.21	<2	112	0.222	SE
CR1	20200422	Cloudy	Moderate	Mid-Ebb	B	12	11:39	8.09	8.25	31.85	21.75	3.36	2	110	0.14	E
CR1	20200422	Cloudy	Moderate	Mid-Ebb	M	6.5	11:40	7.94	8.33	31.72	21.41	2.95	2	110	0.208	SE
CR1	20200422	Cloudy	Moderate	Mid-Ebb	M	6.5	11:40	8.43	8.39	31.68	21.49	2.91	<2	113	0.159	E
CR1	20200422	Cloudy	Moderate	Mid-Ebb	S	1	11:41	8.5	8.54	31.91	21.7	3.06	<2	110	0.199	SE
CR1	20200422	Cloudy	Moderate	Mid-Ebb	S	1	11:41	7.95	8.62	32.08	21.47	2.8	2	113	0.187	E
CR2	20200422	Cloudy	Moderate	Mid-Ebb	B	10	11:17	7.98	8.48	31.7	21.73	3.33	2	112	0.22	SE
CR2	20200422	Cloudy	Moderate	Mid-Ebb	B	10	11:17	8.15	8.23	31.96	21.47	3.48	2	111	0.201	SE
CR2	20200422	Cloudy	Moderate	Mid-Ebb	M	5.5	11:18	8.44	8.58	31.84	21.74	2.83	<2	112	0.129	E
CR2	20200422	Cloudy	Moderate	Mid-Ebb	M	5.5	11:18	8.03	8.19	31.82	21.72	2.76	2	111	0.198	E
CR2	20200422	Cloudy	Moderate	Mid-Ebb	S	1	11:19	8.39	8.16	31.76	21.71	2.95	<2	112	0.131	E
CR2	20200422	Cloudy	Moderate	Mid-Ebb	S	1	11:19	7.98	8.46	31.87	21.53	2.82	<2	112	0.167	SE

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20200422	Cloudy	Moderate	Mid-Ebb	B	7.4	11:51	8.11	8.6	31.86	21.39	3.41	<2	111	0.151	SE
F1A	20200422	Cloudy	Moderate	Mid-Ebb	B	7.4	11:51	7.94	8.45	31.77	21.54	3.54	3	112	0.18	SE
F1A	20200422	Cloudy	Moderate	Mid-Ebb	M	4.2	11:52	8.52	8.55	32.17	21.49	2.66	2	114	0.172	E
F1A	20200422	Cloudy	Moderate	Mid-Ebb	M	4.2	11:52	8.11	8.17	31.83	21.44	2.8	2	113	0.183	E
F1A	20200422	Cloudy	Moderate	Mid-Ebb	S	1	11:53	8.22	8.55	32.02	21.74	3.04	<2	111	0.198	E
F1A	20200422	Cloudy	Moderate	Mid-Ebb	S	1	11:53	8.42	8.22	31.93	21.72	2.99	<2	112	0.158	E
H1	20200422	Cloudy	Moderate	Mid-Ebb	B	6.9	10:59	8.35	8.22	31.75	21.54	3.15	<2	112	0.197	SE
H1	20200422	Cloudy	Moderate	Mid-Ebb	B	6.9	10:59	7.93	8.36	31.88	21.61	3.24	<2	113	0.216	SE
H1	20200422	Cloudy	Moderate	Mid-Ebb	M	3.95	11:00	8.41	8.32	31.69	21.63	3.2	2	113	0.165	SE
H1	20200422	Cloudy	Moderate	Mid-Ebb	M	3.95	11:00	8.34	8.39	31.91	21.74	2.72	<2	111	0.216	SE
H1	20200422	Cloudy	Moderate	Mid-Ebb	S	1	11:01	8.17	8.32	31.98	21.55	2.64	<2	110	0.134	SE
H1	20200422	Cloudy	Moderate	Mid-Ebb	S	1	11:01	8	8.48	31.78	21.6	2.73	2	111	0.198	E
M1	20200422	Cloudy	Moderate	Mid-Ebb	B	8.3	11:30	7.93	8.5	31.79	21.74	3.61	<2	112	0.146	SE
M1	20200422	Cloudy	Moderate	Mid-Ebb	B	8.3	11:30	8.12	8.57	31.96	21.42	3.45	3	112	0.208	SE
M1	20200422	Cloudy	Moderate	Mid-Ebb	M	4.65	11:31	8.01	8.46	32.02	21.61	2.99	2	110	0.182	E
M1	20200422	Cloudy	Moderate	Mid-Ebb	M	4.65	11:31	8.31	8.18	31.69	21.74	2.8	2	111	0.175	SE
M1	20200422	Cloudy	Moderate	Mid-Ebb	S	1	11:32	8.46	8.29	32.04	21.56	3.13	<2	111	0.196	E
M1	20200422	Cloudy	Moderate	Mid-Ebb	S	1	11:32	8.67	8.61	31.7	21.46	3.02	2	109	0.213	SE
S1	20200422	Cloudy	Moderate	Mid-Ebb	B	4	12:58	8.1	8.26	31.79	21.67	3.61	4	111	0.19	SE
S1	20200422	Cloudy	Moderate	Mid-Ebb	B	4	12:58	8.1	8.51	31.79	21.86	3.15	4	111	0.194	SE
S1	20200422	Cloudy	Moderate	Mid-Ebb	S	1	12:59	8.23	8.58	32.07	21.49	3.04	3	112	0.198	SE
S1	20200422	Cloudy	Moderate	Mid-Ebb	S	1	12:59	8.63	8.33	31.65	21.77	2.78	3	112	0.133	SE
S2A	20200422	Cloudy	Moderate	Mid-Ebb	B	7.8	12:35	8.58	8.35	31.83	21.5	3.28	<2	110	0.181	SE
S2A	20200422	Cloudy	Moderate	Mid-Ebb	B	7.8	12:35	8.56	8.23	31.92	21.87	3.63	<2	113	0.155	E
S2A	20200422	Cloudy	Moderate	Mid-Ebb	M	4.4	12:36	8	8.22	31.89	21.71	3.11	<2	111	0.156	SE
S2A	20200422	Cloudy	Moderate	Mid-Ebb	M	4.4	12:36	8.28	8.46	31.61	21.69	3.04	2	113	0.199	SE
S2A	20200422	Cloudy	Moderate	Mid-Ebb	S	1	12:37	8.41	8.16	31.9	21.75	2.85	<2	112	0.138	E
S2A	20200422	Cloudy	Moderate	Mid-Ebb	S	1	12:37	8.37	8.32	31.7	21.87	2.71	2	111	0.186	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	20200422	Cloudy	Moderate	Mid-Ebb	B	10.6	11:25	7.98	8.28	31.99	21.7	3.77	<2	111	0.173	E
S3	20200422	Cloudy	Moderate	Mid-Ebb	B	10.6	11:25	8.47	8.36	31.84	21.47	3.8	<2	111	0.128	E
S3	20200422	Cloudy	Moderate	Mid-Ebb	M	5.8	11:26	8.15	8.47	31.77	21.65	2.87	<2	112	0.127	E
S3	20200422	Cloudy	Moderate	Mid-Ebb	M	5.8	11:26	8.12	8.61	31.76	21.5	2.69	2	112	0.161	SE
S3	20200422	Cloudy	Moderate	Mid-Ebb	S	1	11:27	8.53	8.54	31.92	21.54	3	<2	114	0.222	SE
S3	20200422	Cloudy	Moderate	Mid-Ebb	S	1	11:27	8.66	8.59	31.8	21.61	3.14	<2	111	0.173	E
B1	20200422	Cloudy	Moderate	Mid-Flood	B	3.8	15:51	8.01	8.25	31.8	21.41	3.47	3	111	0.15	NW
B1	20200422	Cloudy	Moderate	Mid-Flood	B	3.8	15:51	8.12	8.63	31.53	21.7	3.62	4	114	0.221	W
B1	20200422	Cloudy	Moderate	Mid-Flood	S	1	15:52	8.17	8.15	31.59	21.79	2.93	<2	112	0.232	NW
B1	20200422	Cloudy	Moderate	Mid-Flood	S	1	15:52	7.95	8.22	31.79	21.66	2.85	3	113	0.198	W
B2	20200422	Cloudy	Moderate	Mid-Flood	B	3.7	15:33	8.71	8.22	31.94	21.36	3.44	<2	110	0.218	W
B2	20200422	Cloudy	Moderate	Mid-Flood	B	3.7	15:33	8.14	8.45	31.97	21.71	3.81	2	111	0.215	W
B2	20200422	Cloudy	Moderate	Mid-Flood	S	1	15:34	8.56	8.49	31.97	21.62	2.84	<2	112	0.14	W
B2	20200422	Cloudy	Moderate	Mid-Flood	S	1	15:34	7.92	8.15	31.55	21.48	2.97	<2	111	0.193	W
B3	20200422	Cloudy	Moderate	Mid-Flood	B	4	16:30	8.47	8.54	31.6	21.59	3.43	<2	110	0.196	NW
B3	20200422	Cloudy	Moderate	Mid-Flood	B	4	16:30	8.34	8.06	32.05	21.48	3.56	2	110	0.185	NW
B3	20200422	Cloudy	Moderate	Mid-Flood	S	1	16:31	8.11	8.6	31.83	21.69	2.88	<2	110	0.159	NW
B3	20200422	Cloudy	Moderate	Mid-Flood	S	1	16:31	8.53	8.14	31.97	21.64	3.08	<2	111	0.197	NW
B4	20200422	Cloudy	Moderate	Mid-Flood	B	3.9	16:37	8.7	8.54	31.76	21.47	3.8	4	110	0.17	W
B4	20200422	Cloudy	Moderate	Mid-Flood	B	3.9	16:37	8.18	8.38	31.62	21.63	3.59	5	111	0.223	W
B4	20200422	Cloudy	Moderate	Mid-Flood	S	1	16:38	8.44	8.48	32.08	21.34	2.92	2	112	0.213	W
B4	20200422	Cloudy	Moderate	Mid-Flood	S	1	16:38	8.64	8.65	32.14	21.54	3.25	<2	111	0.156	W
C1A	20200422	Cloudy	Moderate	Mid-Flood	B	11	16:37	8.38	8.68	31.99	21.66	3.3	3	110	0.185	NW
C1A	20200422	Cloudy	Moderate	Mid-Flood	B	11	16:37	8.71	8.21	31.78	21.65	3.49	4	111	0.174	NW
C1A	20200422	Cloudy	Moderate	Mid-Flood	M	6	16:38	8.2	8.21	31.58	21.66	3.25	4	110	0.15	W
C1A	20200422	Cloudy	Moderate	Mid-Flood	M	6	16:38	8.52	8.6	31.61	21.64	2.98	5	111	0.133	NW
C1A	20200422	Cloudy	Moderate	Mid-Flood	S	1	16:39	8.06	8.18	32.15	21.56	3.25	6	110	0.211	NW
C1A	20200422	Cloudy	Moderate	Mid-Flood	S	1	16:39	8.38	8.27	31.79	21.29	2.85	5	111	0.151	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	20200422	Cloudy	Moderate	Mid-Flood	B	10.5	15:33	8.65	8.56	32.04	21.5	3.29	7	111	0.198	W
C2A	20200422	Cloudy	Moderate	Mid-Flood	B	10.5	15:33	8.39	8.28	31.99	21.72	3.81	6	111	0.172	NW
C2A	20200422	Cloudy	Moderate	Mid-Flood	M	5.75	15:34	8.42	8.06	31.72	21.8	3.35	6	111	0.227	NW
C2A	20200422	Cloudy	Moderate	Mid-Flood	M	5.75	15:34	8.26	8.13	31.97	21.67	3.27	5	111	0.142	W
C2A	20200422	Cloudy	Moderate	Mid-Flood	S	1	15:35	7.88	8.3	31.67	21.52	3.12	5	112	0.207	W
C2A	20200422	Cloudy	Moderate	Mid-Flood	S	1	15:35	8.29	8.1	32.14	21.75	2.75	5	110	0.158	W
CR1	20200422	Cloudy	Moderate	Mid-Flood	B	12	15:57	8.26	8.4	31.58	21.56	3.26	5	113	0.226	NW
CR1	20200422	Cloudy	Moderate	Mid-Flood	B	12	15:57	8.67	8.65	32.12	21.7	3.73	4	111	0.185	W
CR1	20200422	Cloudy	Moderate	Mid-Flood	M	6.5	15:58	8.47	8.39	32.12	21.43	3.23	4	110	0.188	NW
CR1	20200422	Cloudy	Moderate	Mid-Flood	M	6.5	15:58	8.06	8.07	31.8	21.67	3.01	5	110	0.205	W
CR1	20200422	Cloudy	Moderate	Mid-Flood	S	1	15:59	8.21	8.5	31.67	21.72	3.22	4	111	0.132	W
CR1	20200422	Cloudy	Moderate	Mid-Flood	S	1	15:59	8.42	8.31	31.8	21.58	3.04	5	112	0.214	NW
CR2	20200422	Cloudy	Moderate	Mid-Flood	B	10.2	16:12	8.62	8.64	31.63	21.56	3.42	4	111	0.227	W
CR2	20200422	Cloudy	Moderate	Mid-Flood	B	10.2	16:12	7.95	8.42	31.8	21.69	3.75	4	110	0.221	W
CR2	20200422	Cloudy	Moderate	Mid-Flood	M	5.6	16:13	8.5	8.59	31.8	21.31	3.04	5	110	0.195	W
CR2	20200422	Cloudy	Moderate	Mid-Flood	M	5.6	16:13	8.21	8.34	31.95	21.66	2.92	4	111	0.187	W
CR2	20200422	Cloudy	Moderate	Mid-Flood	S	1	16:14	8.65	8.3	32.08	21.57	2.78	4	112	0.166	W
CR2	20200422	Cloudy	Moderate	Mid-Flood	S	1	16:14	7.99	8.11	31.68	21.69	3.07	2	110	0.175	W
F1A	20200422	Cloudy	Moderate	Mid-Flood	B	7.7	16:59	7.91	8.17	31.55	21.28	3.75	5	110	0.148	W
F1A	20200422	Cloudy	Moderate	Mid-Flood	B	7.7	16:59	8.03	8.47	31.61	21.45	3.37	4	110	0.21	W
F1A	20200422	Cloudy	Moderate	Mid-Flood	M	4.35	17:00	7.94	8.68	32.13	21.44	3.2	6	110	0.154	W
F1A	20200422	Cloudy	Moderate	Mid-Flood	M	4.35	17:00	7.98	8.68	31.5	21.38	3.14	5	111	0.206	NW
F1A	20200422	Cloudy	Moderate	Mid-Flood	S	1	17:01	7.97	8.22	31.62	21.64	2.89	6	110	0.221	W
F1A	20200422	Cloudy	Moderate	Mid-Flood	S	1	17:01	8.13	8.39	31.85	21.33	2.75	5	111	0.137	W
H1	20200422	Cloudy	Moderate	Mid-Flood	B	6.9	17:03	8.23	8.52	31.57	21.35	3.67	6	111	0.169	NW
H1	20200422	Cloudy	Moderate	Mid-Flood	B	6.9	17:03	7.96	8.58	32	21.29	3.65	5	110	0.159	W
H1	20200422	Cloudy	Moderate	Mid-Flood	M	3.95	17:04	8.16	8.68	31.75	21.25	2.94	5	111	0.189	W
H1	20200422	Cloudy	Moderate	Mid-Flood	M	3.95	17:04	8.71	8.06	31.76	21.35	3.42	4	112	0.175	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
H1	20200422	Cloudy	Moderate	Mid-Flood	S	1	17:05	8.08	8.64	31.63	21.22	2.91	6	110	0.18	W
H1	20200422	Cloudy	Moderate	Mid-Flood	S	1	17:05	8.43	8.17	31.56	21.44	2.75	5	111	0.193	W
M1	20200422	Cloudy	Moderate	Mid-Flood	B	6.8	17:20	8.7	8.42	31.68	21.16	3.71	4	111	0.166	W
M1	20200422	Cloudy	Moderate	Mid-Flood	B	6.8	17:20	7.96	8.46	32.02	21.44	3.34	5	112	0.199	W
M1	20200422	Cloudy	Moderate	Mid-Flood	M	3.9	17:21	8.17	8.41	31.74	21.35	3.13	4	110	0.174	W
M1	20200422	Cloudy	Moderate	Mid-Flood	M	3.9	17:21	7.86	8.4	31.82	21.48	3.08	5	112	0.218	NW
M1	20200422	Cloudy	Moderate	Mid-Flood	S	1	17:22	8.23	8.2	32.14	21.34	2.88	6	111	0.197	W
M1	20200422	Cloudy	Moderate	Mid-Flood	S	1	17:22	8	8.67	31.73	21.58	3.07	5	111	0.163	W
S1	20200422	Cloudy	Moderate	Mid-Flood	B	4.2	15:42	8.62	8.51	32.09	21.35	3.39	4	110	0.139	W
S1	20200422	Cloudy	Moderate	Mid-Flood	B	4.2	15:42	8.39	8.37	31.52	21.47	3.29	4	110	0.194	W
S1	20200422	Cloudy	Moderate	Mid-Flood	S	1	15:43	8.68	8.31	31.74	21.74	3.12	5	110	0.146	NW
S1	20200422	Cloudy	Moderate	Mid-Flood	S	1	15:43	7.93	8.44	31.63	21.46	3.29	5	110	0.227	W
S2A	20200422	Cloudy	Moderate	Mid-Flood	B	8	16:05	8.11	8.56	31.92	21.33	3.28	6	109	0.19	W
S2A	20200422	Cloudy	Moderate	Mid-Flood	B	8	16:05	8.3	8.26	31.53	21.29	3.74	4	109	0.209	W
S2A	20200422	Cloudy	Moderate	Mid-Flood	M	4.5	16:06	8.47	8.23	32.06	21.55	3.27	5	110	0.229	W
S2A	20200422	Cloudy	Moderate	Mid-Flood	M	4.5	16:06	8.23	8.25	31.64	21.41	3.31	4	110	0.209	W
S2A	20200422	Cloudy	Moderate	Mid-Flood	S	1	16:07	8.01	8.35	31.59	21.59	2.89	5	111	0.134	W
S2A	20200422	Cloudy	Moderate	Mid-Flood	S	1	16:07	8.52	8.33	31.65	21.34	2.79	4	110	0.156	W
S3	20200422	Cloudy	Moderate	Mid-Flood	B	8.2	16:21	8.67	8.5	32.08	21.63	3.89	5	110	0.228	NW
S3	20200422	Cloudy	Moderate	Mid-Flood	B	8.2	16:21	8.13	8.24	32.01	21.7	3.83	6	112	0.197	W
S3	20200422	Cloudy	Moderate	Mid-Flood	M	4.6	16:22	8.26	8.27	32.09	21.58	2.99	5	110	0.131	W
S3	20200422	Cloudy	Moderate	Mid-Flood	M	4.6	16:22	8.04	8.38	31.77	21.33	3.46	6	110	0.198	W
S3	20200422	Cloudy	Moderate	Mid-Flood	S	1	16:23	8.51	8.14	31.64	21.27	2.91	4	110	0.188	W
S3	20200422	Cloudy	Moderate	Mid-Flood	S	1	16:23	7.98	8.19	31.95	21.41	3.37	5	111	0.183	NW
B1	20200424	Cloudy	Moderate	Mid-Ebb	B	3.5	12:35	8	8.39	30.58	20.6	3.4	3	114	0.177	E
B1	20200424	Cloudy	Moderate	Mid-Ebb	B	3.5	12:35	8.11	8.68	30.8	20.85	3.49	2	112	0.192	SE
B1	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:36	8.46	8.54	30.81	20.85	2.88	<2	112	0.165	SE
B1	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:36	8.26	8.71	30.69	20.56	2.89	<2	111	0.166	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	20200424	Cloudy	Moderate	Mid-Ebb	B	4.1	12:53	7.96	8.69	30.71	20.89	3.62	3	111	0.236	SE
B2	20200424	Cloudy	Moderate	Mid-Ebb	B	4.1	12:53	8.46	8.25	30.71	20.56	3.69	3	113	0.201	SE
B2	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:54	8.22	8.45	31.07	20.77	3.01	2	112	0.187	SE
B2	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:54	8.2	8.72	30.86	20.69	3.24	2	111	0.247	E
B3	20200424	Cloudy	Moderate	Mid-Ebb	B	4.1	12:05	7.64	8.4	31.02	20.73	3.97	<2	113	0.162	E
B3	20200424	Cloudy	Moderate	Mid-Ebb	B	4.1	12:05	8.13	8.16	31.04	20.92	3.46	2	113	0.181	E
B3	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:06	8.13	8.52	30.51	20.81	3.36	2	111	0.187	SE
B3	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:06	8.47	8.45	30.91	20.87	3.31	<2	113	0.213	SE
B4	20200424	Cloudy	Moderate	Mid-Ebb	B	3.7	11:58	8.24	8.36	30.95	20.46	3.55	<2	112	0.189	SE
B4	20200424	Cloudy	Moderate	Mid-Ebb	B	3.7	11:58	8.02	8.24	30.79	20.47	3.87	<2	113	0.18	SE
B4	20200424	Cloudy	Moderate	Mid-Ebb	S	1	11:59	8.33	8.42	30.9	20.64	2.86	<2	112	0.2	SE
B4	20200424	Cloudy	Moderate	Mid-Ebb	S	1	11:59	8.02	8.42	30.73	20.51	3.05	2	112	0.249	SE
C1A	20200424	Cloudy	Moderate	Mid-Ebb	B	8.6	11:12	7.68	8.44	30.82	20.58	3.52	2	113	0.195	E
C1A	20200424	Cloudy	Moderate	Mid-Ebb	B	8.6	11:12	8.01	8.44	30.7	20.78	3.53	3	112	0.185	SE
C1A	20200424	Cloudy	Moderate	Mid-Ebb	M	4.8	11:13	8.01	8.53	30.54	20.59	3.22	3	114	0.173	SE
C1A	20200424	Cloudy	Moderate	Mid-Ebb	M	4.8	11:13	7.72	8.25	30.71	20.58	2.86	3	111	0.151	SE
C1A	20200424	Cloudy	Moderate	Mid-Ebb	S	1	11:14	8.08	8.41	30.91	20.64	3.01	4	112	0.241	SE
C1A	20200424	Cloudy	Moderate	Mid-Ebb	S	1	11:14	8.21	8.71	30.59	20.7	3.31	3	113	0.176	SE
C2A	20200424	Cloudy	Moderate	Mid-Ebb	B	10.9	12:35	8.39	8.54	31.09	20.64	3.88	2	112	0.156	SE
C2A	20200424	Cloudy	Moderate	Mid-Ebb	B	10.9	12:35	8.03	8.26	30.72	20.9	3.87	3	114	0.251	E
C2A	20200424	Cloudy	Moderate	Mid-Ebb	M	5.95	12:36	7.84	8.53	30.62	20.67	3.02	4	113	0.19	SE
C2A	20200424	Cloudy	Moderate	Mid-Ebb	M	5.95	12:36	7.78	8.41	31.02	20.63	2.97	4	112	0.189	SE
C2A	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:37	8.32	8.64	30.56	20.82	3.18	6	113	0.235	SE
C2A	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:37	7.67	8.72	30.52	20.71	2.87	5	114	0.162	SE
CR1	20200424	Cloudy	Moderate	Mid-Ebb	B	12.1	12:16	7.79	8.45	30.57	20.93	3.44	<2	116	0.186	E
CR1	20200424	Cloudy	Moderate	Mid-Ebb	B	12.1	12:16	8.02	8.68	30.58	20.56	3.54	<2	115	0.22	SE
CR1	20200424	Cloudy	Moderate	Mid-Ebb	M	6.55	12:17	7.77	8.17	30.69	20.92	3.07	<2	115	0.177	E
CR1	20200424	Cloudy	Moderate	Mid-Ebb	M	6.55	12:17	7.66	8.16	30.68	20.72	3.07	<2	115	0.23	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
CR1	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:18	7.81	8.38	30.56	20.81	3.05	2	116	0.19	E
CR1	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:18	7.99	8.64	30.52	20.88	3.3	<2	116	0.178	SE
CR2	20200424	Cloudy	Moderate	Mid-Ebb	B	10.6	11:54	8.3	8.37	30.9	20.7	3.58	<2	113	0.218	SE
CR2	20200424	Cloudy	Moderate	Mid-Ebb	B	10.6	11:54	8.09	8.54	31.07	20.62	3.45	<2	113	0.229	SE
CR2	20200424	Cloudy	Moderate	Mid-Ebb	M	5.8	11:55	8.13	8.58	30.84	20.54	3.22	<2	117	0.24	SE
CR2	20200424	Cloudy	Moderate	Mid-Ebb	M	5.8	11:55	8.25	8.65	30.74	20.78	3.34	<2	115	0.249	E
CR2	20200424	Cloudy	Moderate	Mid-Ebb	S	1	11:56	7.82	8.56	30.99	20.57	2.91	<2	114	0.196	E
CR2	20200424	Cloudy	Moderate	Mid-Ebb	S	1	11:56	7.74	8.49	31.02	20.59	3.19	2	115	0.246	SE
F1A	20200424	Cloudy	Moderate	Mid-Ebb	B	8.2	11:36	8.22	8.71	30.56	20.46	3.43	2	115	0.225	SE
F1A	20200424	Cloudy	Moderate	Mid-Ebb	B	8.2	11:36	7.74	8.32	30.53	20.6	3.63	4	113	0.211	SE
F1A	20200424	Cloudy	Moderate	Mid-Ebb	M	4.6	11:37	7.78	8.44	30.52	20.54	2.88	3	113	0.232	E
F1A	20200424	Cloudy	Moderate	Mid-Ebb	M	4.6	11:37	8.48	8.48	30.73	20.41	3.15	4	114	0.215	SE
F1A	20200424	Cloudy	Moderate	Mid-Ebb	S	1	11:38	7.78	8.71	30.5	20.84	2.84	3	113	0.236	SE
F1A	20200424	Cloudy	Moderate	Mid-Ebb	S	1	11:38	8.28	8.6	31.02	20.41	3.34	2	114	0.185	SE
H1	20200424	Cloudy	Moderate	Mid-Ebb	B	7.1	11:38	7.98	8.16	30.94	20.84	3.88	<2	112	0.151	E
H1	20200424	Cloudy	Moderate	Mid-Ebb	B	7.1	11:38	7.75	8.69	30.69	20.44	3.4	3	110	0.251	SE
H1	20200424	Cloudy	Moderate	Mid-Ebb	M	4.05	11:39	8.31	8.47	30.7	20.77	2.93	2	112	0.252	SE
H1	20200424	Cloudy	Moderate	Mid-Ebb	M	4.05	11:39	7.68	8.56	30.96	20.77	2.88	<2	113	0.173	SE
H1	20200424	Cloudy	Moderate	Mid-Ebb	S	1	11:40	7.89	8.34	30.98	20.68	3.15	<2	111	0.207	SE
H1	20200424	Cloudy	Moderate	Mid-Ebb	S	1	11:40	8.26	8.27	30.51	20.49	3.34	2	113	0.231	SE
M1	20200424	Cloudy	Moderate	Mid-Ebb	B	7.8	11:13	8.31	8.38	31	20.77	3.56	<2	116	0.222	E
M1	20200424	Cloudy	Moderate	Mid-Ebb	B	7.8	11:13	7.62	8.26	30.52	20.71	3.79	<2	116	0.191	SE
M1	20200424	Cloudy	Moderate	Mid-Ebb	M	4.4	11:14	8.1	8.35	30.75	20.68	2.95	<2	116	0.217	SE
M1	20200424	Cloudy	Moderate	Mid-Ebb	M	4.4	11:14	7.85	8.68	30.54	20.54	3.21	2	116	0.166	SE
M1	20200424	Cloudy	Moderate	Mid-Ebb	S	1	11:15	7.89	8.66	31.02	20.57	2.83	4	115	0.235	SE
M1	20200424	Cloudy	Moderate	Mid-Ebb	S	1	11:15	7.83	8.64	31.07	20.59	3.31	3	117	0.159	E
S1	20200424	Cloudy	Moderate	Mid-Ebb	B	4	12:44	7.81	8.16	31.09	20.93	3.67	<2	115	0.153	E
S1	20200424	Cloudy	Moderate	Mid-Ebb	B	4	12:44	7.66	8.46	30.77	20.74	3.45	3	113	0.221	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
S1	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:45	8.02	8.74	30.75	20.76	3.2	3	116	0.195	SE
S1	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:45	7.72	8.26	30.79	20.79	3.13	4	113	0.159	SE
S2A	20200424	Cloudy	Moderate	Mid-Ebb	B	8.1	12:21	7.93	8.17	30.82	20.65	3.91	3	114	0.222	E
S2A	20200424	Cloudy	Moderate	Mid-Ebb	B	8.1	12:21	8.45	8.47	31.09	20.56	3.64	3	116	0.176	SE
S2A	20200424	Cloudy	Moderate	Mid-Ebb	M	4.55	12:22	8.15	8.44	30.59	20.86	3.29	4	113	0.153	SE
S2A	20200424	Cloudy	Moderate	Mid-Ebb	M	4.55	12:22	8.06	8.47	30.7	20.6	3.37	3	116	0.206	SE
S2A	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:23	7.88	8.64	30.76	20.82	2.86	2	114	0.246	SE
S2A	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:23	7.91	8.54	30.92	20.68	3.01	<2	115	0.203	SE
S3	20200424	Cloudy	Moderate	Mid-Ebb	B	10.1	12:06	8.37	8.52	30.56	20.62	3.51	2	115	0.187	E
S3	20200424	Cloudy	Moderate	Mid-Ebb	B	10.1	12:06	8.33	8.71	31.05	20.81	3.76	3	116	0.251	E
S3	20200424	Cloudy	Moderate	Mid-Ebb	M	5.55	12:07	8.4	8.66	30.67	20.86	3.14	3	116	0.22	E
S3	20200424	Cloudy	Moderate	Mid-Ebb	M	5.55	12:07	8.34	8.17	30.62	20.68	2.89	2	115	0.249	E
S3	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:08	7.98	8.67	30.55	20.61	2.96	4	114	0.214	E
S3	20200424	Cloudy	Moderate	Mid-Ebb	S	1	12:08	8.34	8.4	30.65	20.88	3.31	3	116	0.222	SE
B1	20200424	Cloudy	Moderate	Mid-Flood	B	4.2	16:32	7.94	8.06	30.77	20.69	3.66	<2	114	0.228	W
B1	20200424	Cloudy	Moderate	Mid-Flood	B	4.2	16:32	7.7	8.07	30.54	20.51	3.43	2	114	0.231	W
B1	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:33	7.8	8.36	30.82	20.78	3.08	3	117	0.267	W
B1	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:33	8.49	8.38	30.54	20.56	3.24	<2	114	0.177	W
B2	20200424	Cloudy	Moderate	Mid-Flood	B	3.9	16:58	8.5	8.2	31.18	20.68	3.29	<2	116	0.207	W
B2	20200424	Cloudy	Moderate	Mid-Flood	B	3.9	16:58	7.85	8.67	31.1	20.74	3.42	2	114	0.265	W
B2	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:59	8.37	8.11	30.86	20.58	3.09	<2	114	0.224	W
B2	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:59	7.8	8.39	30.57	20.54	3.06	2	116	0.172	W
B3	20200424	Cloudy	Moderate	Mid-Flood	B	3.3	16:28	8.13	8.66	30.65	20.72	3.85	3	114	0.218	W
B3	20200424	Cloudy	Moderate	Mid-Flood	B	3.3	16:28	7.66	8.38	30.77	20.6	3.49	2	116	0.255	NW
B3	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:29	8.17	8.47	30.63	20.72	3.25	<2	115	0.186	W
B3	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:29	7.83	8.14	31	20.76	2.98	<2	117	0.273	W
B4	20200424	Cloudy	Moderate	Mid-Flood	B	3.9	16:35	7.95	8.35	31.14	20.64	3.77	2	114	0.173	W
B4	20200424	Cloudy	Moderate	Mid-Flood	B	3.9	16:35	8.56	8.32	30.65	20.62	3.75	<2	116	0.226	W

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 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B4	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:36	8.45	8.48	30.96	20.71	3.21	2	115	0.169	W
B4	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:36	7.78	8.31	30.85	20.67	3.08	<2	116	0.229	W
C1A	20200424	Cloudy	Moderate	Mid-Flood	B	10.4	16:01	7.76	8.18	31.14	20.85	3.49	2	115	0.213	W
C1A	20200424	Cloudy	Moderate	Mid-Flood	B	10.4	16:01	8.54	8.34	30.83	20.75	3.41	<2	115	0.246	NW
C1A	20200424	Cloudy	Moderate	Mid-Flood	M	5.7	16:02	8.23	8.45	31.05	20.75	3.29	3	115	0.227	W
C1A	20200424	Cloudy	Moderate	Mid-Flood	M	5.7	16:02	7.69	8.66	31.24	20.53	3.04	2	115	0.248	W
C1A	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:03	8.27	8.14	30.94	20.79	3	<2	114	0.272	NW
C1A	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:03	7.77	8.1	30.55	20.63	3.28	3	116	0.229	W
C2A	20200424	Cloudy	Moderate	Mid-Flood	B	10.2	16:00	8.59	8.2	30.9	20.64	3.6	3	114	0.221	W
C2A	20200424	Cloudy	Moderate	Mid-Flood	B	10.2	16:00	8.13	8.17	31.12	20.57	3.74	<2	116	0.201	W
C2A	20200424	Cloudy	Moderate	Mid-Flood	M	5.6	16:01	7.75	8.51	30.57	20.64	3.03	2	114	0.205	W
C2A	20200424	Cloudy	Moderate	Mid-Flood	M	5.6	16:01	8.36	8.65	30.85	20.63	3.45	<2	114	0.246	W
C2A	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:02	7.67	8.5	30.52	20.8	2.81	<2	115	0.28	W
C2A	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:02	7.86	8.54	31.05	20.69	3.09	<2	115	0.19	W
CR1	20200424	Cloudy	Moderate	Mid-Flood	B	11.9	18:02	8.29	8.52	30.51	20.41	3.63	4	112	0.171	W
CR1	20200424	Cloudy	Moderate	Mid-Flood	B	11.9	18:02	8.07	8.67	30.76	20.47	3.63	3	114	0.171	W
CR1	20200424	Cloudy	Moderate	Mid-Flood	M	6.45	18:03	7.94	8.05	30.84	20.54	3.23	3	116	0.238	W
CR1	20200424	Cloudy	Moderate	Mid-Flood	M	6.45	18:03	8.39	8.61	30.77	20.54	3.48	3	114	0.189	W
CR1	20200424	Cloudy	Moderate	Mid-Flood	S	1	18:04	7.97	8.39	30.65	20.61	2.79	3	114	0.247	W
CR1	20200424	Cloudy	Moderate	Mid-Flood	S	1	18:04	8.13	8.48	31.14	20.42	3.04	<2	117	0.224	NW
CR2	20200424	Cloudy	Moderate	Mid-Flood	B	10	17:42	8.05	8.22	31.07	20.56	3.56	2	114	0.206	W
CR2	20200424	Cloudy	Moderate	Mid-Flood	B	10	17:42	8.6	8.44	30.79	20.46	3.57	<2	114	0.195	W
CR2	20200424	Cloudy	Moderate	Mid-Flood	M	5.5	17:43	7.83	8.46	31.16	20.6	3.12	3	114	0.198	NW
CR2	20200424	Cloudy	Moderate	Mid-Flood	M	5.5	17:43	8.15	8.5	30.51	20.67	3.5	3	114	0.268	W
CR2	20200424	Cloudy	Moderate	Mid-Flood	S	1	17:44	8.53	8.24	31.06	20.67	2.82	<2	113	0.235	NW
CR2	20200424	Cloudy	Moderate	Mid-Flood	S	1	17:44	8.28	8.11	30.69	20.47	2.78	3	113	0.171	W
F1A	20200424	Cloudy	Moderate	Mid-Flood	B	7.6	16:57	8.3	8.49	30.63	20.66	3.44	<2	116	0.223	NW
F1A	20200424	Cloudy	Moderate	Mid-Flood	B	7.6	16:57	8.51	8.29	30.53	20.73	3.69	2	114	0.243	NW

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Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
F1A	20200424	Cloudy	Moderate	Mid-Flood	M	4.3	16:58	8.17	8.53	31	20.73	2.94	<2	115	0.258	W
F1A	20200424	Cloudy	Moderate	Mid-Flood	M	4.3	16:58	8.39	8.06	31	20.72	3.45	<2	115	0.203	NW
F1A	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:59	7.92	8.6	30.82	20.74	3.01	<2	117	0.195	W
F1A	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:59	8.29	8.68	31	20.67	3.29	<2	116	0.169	W
H1	20200424	Cloudy	Moderate	Mid-Flood	B	7.2	16:17	7.99	8.21	30.93	20.75	3.53	3	115	0.168	W
H1	20200424	Cloudy	Moderate	Mid-Flood	B	7.2	16:17	8.45	8.3	30.66	20.77	3.38	2	115	0.193	NW
H1	20200424	Cloudy	Moderate	Mid-Flood	M	4.1	16:18	8.26	8.39	31.11	20.72	3.28	3	116	0.237	W
H1	20200424	Cloudy	Moderate	Mid-Flood	M	4.1	16:18	7.99	8.07	30.8	20.64	3.13	2	114	0.282	NW
H1	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:19	7.79	8.44	31.1	20.69	3.13	<2	116	0.202	NW
H1	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:19	7.96	8.48	31.06	20.57	3.05	2	116	0.202	W
M1	20200424	Cloudy	Moderate	Mid-Flood	B	6.5	17:16	7.75	8.46	30.69	20.58	3.72	2	115	0.212	W
M1	20200424	Cloudy	Moderate	Mid-Flood	B	6.5	17:16	8.55	8.49	31.21	20.66	3.52	3	116	0.22	NW
M1	20200424	Cloudy	Moderate	Mid-Flood	M	3.75	17:17	8.4	8.43	30.64	20.49	3.12	2	114	0.242	W
M1	20200424	Cloudy	Moderate	Mid-Flood	M	3.75	17:17	8.51	8.37	30.74	20.78	3.35	2	114	0.279	W
M1	20200424	Cloudy	Moderate	Mid-Flood	S	1	17:18	8.18	8.36	30.54	20.66	2.85	2	115	0.276	W
M1	20200424	Cloudy	Moderate	Mid-Flood	S	1	17:18	8.27	8.2	30.76	20.74	3.25	3	115	0.192	W
S1	20200424	Cloudy	Moderate	Mid-Flood	B	4.8	16:49	7.78	8.39	30.53	20.6	3.48	<2	116	0.268	NW
S1	20200424	Cloudy	Moderate	Mid-Flood	B	4.8	16:49	7.7	8.49	30.62	20.81	3.64	<2	116	0.215	W
S1	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:50	7.78	8.61	30.84	20.77	2.87	<2	116	0.235	W
S1	20200424	Cloudy	Moderate	Mid-Flood	S	1	16:50	8.03	8.1	30.58	20.59	2.93	<2	115	0.213	W
S2A	20200424	Cloudy	Moderate	Mid-Flood	B	8.3	17:18	7.9	8.52	30.69	20.76	3.67	<2	116	0.244	W
S2A	20200424	Cloudy	Moderate	Mid-Flood	B	8.3	17:18	8.19	8.08	31.09	20.74	3.74	<2	116	0.185	W
S2A	20200424	Cloudy	Moderate	Mid-Flood	M	4.65	17:19	8.49	8.47	30.8	20.73	3.19	<2	118	0.276	NW
S2A	20200424	Cloudy	Moderate	Mid-Flood	M	4.65	17:19	7.71	8.26	30.98	20.69	3.14	<2	115	0.255	W
S2A	20200424	Cloudy	Moderate	Mid-Flood	S	1	17:20	8.11	8.65	30.94	20.45	3.31	<2	115	0.201	W
S2A	20200424	Cloudy	Moderate	Mid-Flood	S	1	17:20	8.4	8.27	31.2	20.53	3.28	<2	115	0.261	W
S3	20200424	Cloudy	Moderate	Mid-Flood	B	8.1	17:50	8.33	8.47	31.11	20.37	3.42	3	115	0.192	W
S3	20200424	Cloudy	Moderate	Mid-Flood	B	8.1	17:50	8	8.55	31.02	20.47	3.85	2	116	0.237	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	20200424	Cloudy	Moderate	Mid-Flood	M	4.55	17:51	8.6	8.4	30.83	20.4	3.08	<2	116	0.212	W
S3	20200424	Cloudy	Moderate	Mid-Flood	M	4.55	17:51	7.89	8.65	31.07	20.69	2.94	2	115	0.201	W
S3	20200424	Cloudy	Moderate	Mid-Flood	S	1	17:52	7.69	8.27	30.87	20.58	3.25	<2	114	0.18	W
S3	20200424	Cloudy	Moderate	Mid-Flood	S	1	17:52	8.03	8.54	31.16	20.51	2.86	2	117	0.244	W
B1	20200427	Sunny	Moderate	Mid-Flood	B	3.7	10:12	8.25	8.43	30.56	21.93	3.58	<2	116	0.272	W
B1	20200427	Sunny	Moderate	Mid-Flood	B	3.7	10:12	8.42	8.28	30.69	22.23	3.33	<2	118	0.181	W
B1	20200427	Sunny	Moderate	Mid-Flood	S	1	10:13	8.81	8.35	30.73	21.92	3.06	<2	118	0.214	W
B1	20200427	Sunny	Moderate	Mid-Flood	S	1	10:13	8.62	8.65	31.03	22.06	3.04	<2	116	0.265	W
B2	20200427	Sunny	Moderate	Mid-Flood	B	4.2	10:36	8.63	8.65	30.42	21.99	3.28	<2	116	0.226	W
B2	20200427	Sunny	Moderate	Mid-Flood	B	4.2	10:36	8.78	8.61	30.98	22.11	3.59	<2	114	0.187	W
B2	20200427	Sunny	Moderate	Mid-Flood	S	1	10:37	8.3	8.65	30.48	22.17	2.71	<2	115	0.242	NW
B2	20200427	Sunny	Moderate	Mid-Flood	S	1	10:37	8.28	8.6	30.81	22.26	2.63	<2	115	0.24	W
B3	20200427	Sunny	Moderate	Mid-Flood	B	4	9:29	8.44	8.43	30.41	21.85	3.16	<2	116	0.199	W
B3	20200427	Sunny	Moderate	Mid-Flood	B	4	9:29	8.81	8.48	30.47	21.83	3.31	<2	115	0.232	W
B3	20200427	Sunny	Moderate	Mid-Flood	S	1	9:30	8.39	8.57	30.75	22.13	3	<2	117	0.254	NW
B3	20200427	Sunny	Moderate	Mid-Flood	S	1	9:30	8.51	8.39	30.48	21.86	2.97	<2	118	0.241	NW
B4	20200427	Sunny	Moderate	Mid-Flood	B	4.4	9:37	8.57	8.26	30.7	22.09	3.35	2	117	0.206	W
B4	20200427	Sunny	Moderate	Mid-Flood	B	4.4	9:37	8.49	8.34	30.96	22.15	3.17	<2	116	0.275	W
B4	20200427	Sunny	Moderate	Mid-Flood	S	1	9:38	8.47	8.38	31	22.12	2.79	<2	116	0.228	NW
B4	20200427	Sunny	Moderate	Mid-Flood	S	1	9:38	8.52	8.44	31	22.09	2.92	<2	117	0.189	W
C1A	20200427	Sunny	Moderate	Mid-Flood	B	9.6	9:42	8.8	8.68	30.47	22.01	3.19	3	116	0.223	W
C1A	20200427	Sunny	Moderate	Mid-Flood	B	9.6	9:42	8.8	8.43	30.93	22.01	3.3	2	116	0.252	W
C1A	20200427	Sunny	Moderate	Mid-Flood	M	5.3	9:43	8.72	8.56	30.45	21.99	2.66	<2	117	0.19	W
C1A	20200427	Sunny	Moderate	Mid-Flood	M	5.3	9:43	8.34	8.5	30.41	21.93	3.13	2	117	0.23	W
C1A	20200427	Sunny	Moderate	Mid-Flood	S	1	9:44	8.48	8.61	31.04	21.93	2.53	<2	117	0.205	W
C1A	20200427	Sunny	Moderate	Mid-Flood	S	1	9:44	8.38	8.26	30.4	21.89	3.06	<2	117	0.218	NW
C2A	20200427	Sunny	Moderate	Mid-Flood	B	10.4	8:48	8.45	8.26	30.83	21.77	3.12	<2	118	0.228	W
C2A	20200427	Sunny	Moderate	Mid-Flood	B	10.4	8:48	8.28	8.55	30.53	21.86	3.4	<2	118	0.184	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20200427	Sunny	Moderate	Mid-Flood	M	5.7	8:49	8.69	8.38	30.54	21.78	3.11	<2	117	0.27	W
C2A	20200427	Sunny	Moderate	Mid-Flood	M	5.7	8:49	8.42	8.54	30.56	21.93	2.67	<2	117	0.236	W
C2A	20200427	Sunny	Moderate	Mid-Flood	S	1	8:50	8.33	8.68	30.41	21.9	3.06	<2	117	0.261	NW
C2A	20200427	Sunny	Moderate	Mid-Flood	S	1	8:50	8.28	8.27	30.67	21.85	2.98	<2	116	0.277	W
CR1	20200427	Sunny	Moderate	Mid-Flood	B	11.1	9:01	8.65	8.59	30.42	21.84	3.54	4	117	0.195	W
CR1	20200427	Sunny	Moderate	Mid-Flood	B	11.1	9:01	8.66	8.68	30.55	21.99	3.21	5	116	0.216	W
CR1	20200427	Sunny	Moderate	Mid-Flood	M	6.05	9:02	8.81	8.25	30.51	21.92	3.22	6	118	0.265	W
CR1	20200427	Sunny	Moderate	Mid-Flood	M	6.05	9:02	8.64	8.58	30.54	21.83	3.25	5	117	0.263	W
CR1	20200427	Sunny	Moderate	Mid-Flood	S	1	9:03	8.75	8.54	31	21.84	2.65	6	116	0.218	NW
CR1	20200427	Sunny	Moderate	Mid-Flood	S	1	9:03	8.66	8.57	30.83	21.87	2.49	4	117	0.185	NW
CR2	20200427	Sunny	Moderate	Mid-Flood	B	9.7	9:16	8.72	8.47	30.65	21.84	3.27	<2	117	0.256	W
CR2	20200427	Sunny	Moderate	Mid-Flood	B	9.7	9:16	8.45	8.66	30.92	21.94	3.58	3	116	0.201	NW
CR2	20200427	Sunny	Moderate	Mid-Flood	M	5.35	9:17	8.49	8.45	30.76	22.01	3.21	4	115	0.19	NW
CR2	20200427	Sunny	Moderate	Mid-Flood	M	5.35	9:17	8.53	8.53	30.8	21.98	2.7	4	117	0.208	W
CR2	20200427	Sunny	Moderate	Mid-Flood	S	1	9:18	8.48	8.26	30.94	21.81	2.53	4	116	0.254	W
CR2	20200427	Sunny	Moderate	Mid-Flood	S	1	9:18	8.54	8.42	30.58	21.98	2.94	4	115	0.265	W
F1A	20200427	Sunny	Moderate	Mid-Flood	B	7	10:00	8.44	8.35	30.97	22.21	3.24	<2	118	0.227	W
F1A	20200427	Sunny	Moderate	Mid-Flood	B	7	10:00	8.45	8.65	30.77	22.19	3.04	2	115	0.22	W
F1A	20200427	Sunny	Moderate	Mid-Flood	M	4	10:01	8.4	8.25	30.77	21.99	2.99	<2	117	0.174	W
F1A	20200427	Sunny	Moderate	Mid-Flood	M	4	10:01	8.28	8.61	31.03	21.92	3.18	<2	114	0.232	W
F1A	20200427	Sunny	Moderate	Mid-Flood	S	1	10:02	8.6	8.34	30.81	22.15	3.01	<2	117	0.267	W
F1A	20200427	Sunny	Moderate	Mid-Flood	S	1	10:02	8.74	8.36	30.71	22.05	2.82	<2	118	0.197	W
H1	20200427	Sunny	Moderate	Mid-Flood	B	7.2	9:02	8.27	8.32	30.71	21.86	3.54	<2	116	0.17	NW
H1	20200427	Sunny	Moderate	Mid-Flood	B	7.2	9:02	8.49	8.46	30.84	21.81	3.57	<2	116	0.219	W
H1	20200427	Sunny	Moderate	Mid-Flood	M	4.1	9:03	8.71	8.38	30.78	21.85	2.78	<2	114	0.213	W
H1	20200427	Sunny	Moderate	Mid-Flood	M	4.1	9:03	8.52	8.36	30.88	21.77	3	<2	116	0.232	W
H1	20200427	Sunny	Moderate	Mid-Flood	S	1	9:04	8.57	8.38	30.96	22.02	3.06	2	118	0.224	W
H1	20200427	Sunny	Moderate	Mid-Flood	S	1	9:04	8.5	8.4	30.87	22	2.91	<2	117	0.245	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	20200427	Sunny	Moderate	Mid-Flood	B	7.4	10:22	8.47	8.66	30.58	22.22	3.25	2	118	0.198	W
M1	20200427	Sunny	Moderate	Mid-Flood	B	7.4	10:22	8.77	8.34	30.81	22.06	3.46	<2	116	0.226	W
M1	20200427	Sunny	Moderate	Mid-Flood	M	4.2	10:23	8.55	8.33	30.42	21.9	2.87	3	116	0.21	NW
M1	20200427	Sunny	Moderate	Mid-Flood	M	4.2	10:23	8.56	8.28	30.51	22.07	2.84	<2	117	0.266	W
M1	20200427	Sunny	Moderate	Mid-Flood	S	1	10:24	8.47	8.28	30.77	22.12	2.67	3	114	0.184	W
M1	20200427	Sunny	Moderate	Mid-Flood	S	1	10:24	8.27	8.55	30.82	22.16	2.58	2	115	0.174	W
S1	20200427	Sunny	Moderate	Mid-Flood	B	4.8	10:28	8.81	8.64	30.68	22.08	3.45	<2	116	0.25	NW
S1	20200427	Sunny	Moderate	Mid-Flood	B	4.8	10:28	8.36	8.53	30.59	22.23	3.07	<2	115	0.248	NW
S1	20200427	Sunny	Moderate	Mid-Flood	S	1	10:29	8.8	8.39	30.91	21.96	2.47	<2	117	0.187	W
S1	20200427	Sunny	Moderate	Mid-Flood	S	1	10:29	8.34	8.54	31.03	22.04	2.95	2	117	0.256	W
S2A	20200427	Sunny	Moderate	Mid-Flood	B	8.8	9:14	8.52	8.29	30.69	22.04	3.21	5	117	0.225	W
S2A	20200427	Sunny	Moderate	Mid-Flood	B	8.8	9:14	8.67	8.27	30.61	21.85	3.27	5	117	0.259	W
S2A	20200427	Sunny	Moderate	Mid-Flood	M	4.9	9:15	8.66	8.62	30.98	21.84	3.1	5	119	0.184	W
S2A	20200427	Sunny	Moderate	Mid-Flood	M	4.9	9:15	8.32	8.37	30.42	21.91	3.04	5	117	0.193	NW
S2A	20200427	Sunny	Moderate	Mid-Flood	S	1	9:16	8.38	8.51	30.76	21.99	2.7	4	116	0.231	W
S2A	20200427	Sunny	Moderate	Mid-Flood	S	1	9:16	8.49	8.52	30.55	22	2.51	5	115	0.271	W
S3	20200427	Sunny	Moderate	Mid-Flood	B	9.6	9:24	8.32	8.38	30.84	21.85	3.27	5	117	0.208	W
S3	20200427	Sunny	Moderate	Mid-Flood	B	9.6	9:24	8.29	8.31	30.65	21.81	3.56	6	118	0.184	W
S3	20200427	Sunny	Moderate	Mid-Flood	M	5.3	9:25	8.29	8.42	30.59	21.97	3.02	5	118	0.218	W
S3	20200427	Sunny	Moderate	Mid-Flood	M	5.3	9:25	8.44	8.58	30.96	21.97	2.94	6	118	0.252	W
S3	20200427	Sunny	Moderate	Mid-Flood	S	1	9:26	8.55	8.66	30.99	21.98	2.75	5	118	0.221	W
S3	20200427	Sunny	Moderate	Mid-Flood	S	1	9:26	8.28	8.54	30.43	21.85	2.84	4	117	0.172	W
B1	20200427	Sunny	Moderate	Mid-Ebb	B	4.1	13:22	8.66	8.48	30.35	22.69	3.44	3	116	0.148	E
B1	20200427	Sunny	Moderate	Mid-Ebb	B	4.1	13:22	8.29	8.37	30.2	22.73	3.32	3	118	0.158	E
B1	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:23	8.44	8.66	30.85	22.73	2.83	<2	116	0.184	SE
B1	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:23	8.69	8.61	30.3	22.62	2.99	2	114	0.208	E
B2	20200427	Sunny	Moderate	Mid-Ebb	B	4.3	13:04	8.16	8.47	30.78	22.5	3.3	2	117	0.182	SE
B2	20200427	Sunny	Moderate	Mid-Ebb	B	4.3	13:04	8.63	8.46	30.71	22.46	3.32	2	120	0.232	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:05	8.19	8.49	30.58	22.49	2.58	2	116	0.182	E
B2	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:05	8.87	8.52	30.56	22.77	2.78	3	118	0.227	SE
B3	20200427	Sunny	Moderate	Mid-Ebb	B	3.8	13:46	8.16	8.52	30.56	22.63	3.29	<2	116	0.215	SE
B3	20200427	Sunny	Moderate	Mid-Ebb	B	3.8	13:46	8.36	8.68	30.79	22.49	3.23	3	116	0.181	SE
B3	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:47	8.89	8.66	30.55	22.74	3.13	4	117	0.17	E
B3	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:47	8.69	8.36	30.4	22.77	2.56	5	115	0.162	SE
B4	20200427	Sunny	Moderate	Mid-Ebb	B	3.7	13:55	8.25	8.57	30.54	22.7	3.61	6	118	0.191	E
B4	20200427	Sunny	Moderate	Mid-Ebb	B	3.7	13:55	8.33	8.55	30.49	22.78	3.53	7	117	0.177	SE
B4	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:56	8.57	8.68	30.53	23.02	3.09	<2	116	0.192	E
B4	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:56	8.74	8.39	30.38	22.66	2.62	<2	118	0.193	SE
C1A	20200427	Sunny	Moderate	Mid-Ebb	B	8.5	13:02	8.6	8.53	30.48	22.65	3.36	5	118	0.241	SE
C1A	20200427	Sunny	Moderate	Mid-Ebb	B	8.5	13:02	8.44	8.47	30.41	22.42	3.46	6	117	0.171	SE
C1A	20200427	Sunny	Moderate	Mid-Ebb	M	4.75	13:03	8.3	8.65	30.5	22.43	3.03	7	117	0.244	E
C1A	20200427	Sunny	Moderate	Mid-Ebb	M	4.75	13:03	8.34	8.44	30.21	22.75	2.58	7	118	0.213	SE
C1A	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:04	8.12	8.58	30.51	22.71	2.71	7	117	0.204	SE
C1A	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:04	8.25	8.4	30.61	22.62	2.59	7	118	0.179	SE
C2A	20200427	Sunny	Moderate	Mid-Ebb	B	11.2	14:23	8.52	8.5	30.33	22.63	3.18	6	116	0.186	SE
C2A	20200427	Sunny	Moderate	Mid-Ebb	B	11.2	14:23	8.38	8.42	30.78	22.83	3.52	7	118	0.251	E
C2A	20200427	Sunny	Moderate	Mid-Ebb	M	6.1	14:24	8.46	8.66	30.71	22.77	3	6	119	0.149	SE
C2A	20200427	Sunny	Moderate	Mid-Ebb	M	6.1	14:24	8.84	8.66	30.88	22.87	2.56	6	119	0.153	SE
C2A	20200427	Sunny	Moderate	Mid-Ebb	S	1	14:25	8.59	8.37	30.87	22.84	2.81	7	116	0.152	E
C2A	20200427	Sunny	Moderate	Mid-Ebb	S	1	14:25	8.8	8.68	30.8	23.08	2.95	6	119	0.187	SE
CR1	20200427	Sunny	Moderate	Mid-Ebb	B	12.7	14:03	8.43	8.4	30.44	22.95	3.59	7	119	0.209	SE
CR1	20200427	Sunny	Moderate	Mid-Ebb	B	12.7	14:03	8.34	8.6	30.52	22.98	3.2	8	117	0.146	SE
CR1	20200427	Sunny	Moderate	Mid-Ebb	M	6.85	14:04	8.47	8.41	30.71	23.03	2.72	6	115	0.146	SE
CR1	20200427	Sunny	Moderate	Mid-Ebb	M	6.85	14:04	8.18	8.36	30.26	22.88	2.6	8	118	0.222	SE
CR1	20200427	Sunny	Moderate	Mid-Ebb	S	1	14:05	8.59	8.4	30.62	22.86	2.76	7	118	0.186	E
CR1	20200427	Sunny	Moderate	Mid-Ebb	S	1	14:05	8.47	8.64	30.48	22.96	2.95	6	118	0.225	SE

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR2	20200427	Sunny	Moderate	Mid-Ebb	B	10.6	13:44	8.62	8.37	30.48	22.87	3.21	6	117	0.212	SE
CR2	20200427	Sunny	Moderate	Mid-Ebb	B	10.6	13:44	8.4	8.56	30.27	22.83	3.15	7	119	0.19	E
CR2	20200427	Sunny	Moderate	Mid-Ebb	M	5.8	13:45	8.86	8.59	30.24	22.83	2.65	7	118	0.243	SE
CR2	20200427	Sunny	Moderate	Mid-Ebb	M	5.8	13:45	8.23	8.51	30.59	22.86	2.65	7	119	0.247	E
CR2	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:46	8.2	8.59	30.33	22.58	2.85	7	118	0.207	SE
CR2	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:46	8.58	8.42	30.62	22.69	2.99	8	119	0.171	SE
F1A	20200427	Sunny	Moderate	Mid-Ebb	B	7.6	14:15	8.49	8.47	30.25	22.61	3.17	7	118	0.239	E
F1A	20200427	Sunny	Moderate	Mid-Ebb	B	7.6	14:15	8.54	8.6	30.43	22.98	3.27	7	115	0.187	E
F1A	20200427	Sunny	Moderate	Mid-Ebb	M	4.3	14:16	8.63	8.39	30.5	22.64	2.79	7	119	0.153	SE
F1A	20200427	Sunny	Moderate	Mid-Ebb	M	4.3	14:16	8.22	8.55	30.46	23.02	2.83	8	117	0.177	SE
F1A	20200427	Sunny	Moderate	Mid-Ebb	S	1	14:17	8.53	8.38	30.35	22.61	2.57	7	117	0.199	SE
F1A	20200427	Sunny	Moderate	Mid-Ebb	S	1	14:17	8.66	8.44	30.65	22.97	3.04	8	119	0.212	E
H1	20200427	Sunny	Moderate	Mid-Ebb	B	7.7	13:28	8.25	8.4	30.64	22.44	3.61	6	116	0.223	SE
H1	20200427	Sunny	Moderate	Mid-Ebb	B	7.7	13:28	8.53	8.49	30.38	22.64	3.53	6	119	0.186	E
H1	20200427	Sunny	Moderate	Mid-Ebb	M	4.35	13:29	8.27	8.38	30.83	22.59	2.7	6	116	0.215	SE
H1	20200427	Sunny	Moderate	Mid-Ebb	M	4.35	13:29	8.64	8.46	30.75	22.8	2.78	7	117	0.169	SE
H1	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:30	8.65	8.58	30.37	22.68	2.73	7	115	0.22	SE
H1	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:30	8.76	8.6	30.73	22.78	3.06	6	115	0.242	SE
M1	20200427	Sunny	Moderate	Mid-Ebb	B	8.4	14:34	8.2	8.6	30.89	22.75	3.48	6	119	0.166	E
M1	20200427	Sunny	Moderate	Mid-Ebb	B	8.4	14:34	8.88	8.61	30.54	22.97	3.45	7	118	0.167	SE
M1	20200427	Sunny	Moderate	Mid-Ebb	M	4.7	14:35	8.73	8.6	30.25	22.72	3.02	7	118	0.19	SE
M1	20200427	Sunny	Moderate	Mid-Ebb	M	4.7	14:35	8.75	8.47	30.33	22.82	2.63	6	118	0.183	SE
M1	20200427	Sunny	Moderate	Mid-Ebb	S	1	14:36	8.36	8.44	30.48	22.91	2.71	6	120	0.216	SE
M1	20200427	Sunny	Moderate	Mid-Ebb	S	1	14:36	8.12	8.39	30.87	22.83	3.08	7	119	0.226	E
S1	20200427	Sunny	Moderate	Mid-Ebb	B	4.5	13:14	8.59	8.53	30.64	22.79	3.53	9	118	0.168	SE
S1	20200427	Sunny	Moderate	Mid-Ebb	B	4.5	13:14	8.42	8.62	30.26	22.57	3.51	7	116	0.241	E
S1	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:15	8.85	8.59	30.57	22.63	2.9	7	117	0.2	E
S1	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:15	8.43	8.46	30.69	22.51	2.72	10	118	0.247	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
S2A	20200427	Sunny	Moderate	Mid-Ebb	B	7.7	13:34	8.75	8.65	30.48	22.76	3.33	7	120	0.215	SE
S2A	20200427	Sunny	Moderate	Mid-Ebb	B	7.7	13:34	8.32	8.65	30.64	22.56	3.2	8	118	0.178	SE
S2A	20200427	Sunny	Moderate	Mid-Ebb	M	4.35	13:35	8.78	8.41	30.84	22.79	2.54	6	116	0.208	SE
S2A	20200427	Sunny	Moderate	Mid-Ebb	M	4.35	13:35	8.18	8.47	30.31	22.82	2.87	6	116	0.166	SE
S2A	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:36	8.24	8.67	30.43	22.72	3.05	6	117	0.218	SE
S2A	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:36	8.71	8.67	30.25	22.62	2.55	7	117	0.203	SE
S3	20200427	Sunny	Moderate	Mid-Ebb	B	9.8	13:52	8.5	8.56	30.42	22.53	3.62	7	118	0.247	E
S3	20200427	Sunny	Moderate	Mid-Ebb	B	9.8	13:52	8.55	8.56	30.41	22.54	3.66	7	117	0.172	SE
S3	20200427	Sunny	Moderate	Mid-Ebb	M	5.4	13:53	8.2	8.37	30.52	22.42	3.12	7	117	0.162	E
S3	20200427	Sunny	Moderate	Mid-Ebb	M	5.4	13:53	8.73	8.41	30.6	22.45	3.11	8	119	0.153	SE
S3	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:54	8.57	8.42	30.7	22.55	2.8	7	118	0.208	E
S3	20200427	Sunny	Moderate	Mid-Ebb	S	1	13:54	8.4	8.61	30.74	22.82	2.84	8	117	0.227	E
B1	20200429	Sunny	Moderate	Mid-Flood	B	3.6	10:31	8.21	8.51	31.7	22.7	3.15	4	117	0.186	W
B1	20200429	Sunny	Moderate	Mid-Flood	B	3.6	10:31	7.93	8.53	31.7	22.8	3.46	4	116	0.26	NW
B1	20200429	Sunny	Moderate	Mid-Flood	S	1.0	10:32	8.29	8.34	31.7	22.5	2.74	7	116	0.192	NW
B1	20200429	Sunny	Moderate	Mid-Flood	S	1.0	10:32	8.24	8.56	31.5	22.9	2.36	7	115	0.268	W
B2	20200429	Sunny	Moderate	Mid-Flood	B	4.1	10:50	7.89	8.38	31.6	22.6	2.91	7	117	0.267	W
B2	20200429	Sunny	Moderate	Mid-Flood	B	4.1	10:50	7.9	8.29	31.8	22.9	3.12	6	116	0.23	W
B2	20200429	Sunny	Moderate	Mid-Flood	S	1.0	10:51	7.88	8.56	32.1	22.6	2.56	9	116	0.269	W
B2	20200429	Sunny	Moderate	Mid-Flood	S	1.0	10:51	8.38	8.44	31.8	22.8	2.81	8	114	0.201	NW
B3	20200429	Sunny	Moderate	Mid-Flood	B	3.6	10:05	7.86	8.58	31.6	22.5	3.33	10	116	0.189	W
B3	20200429	Sunny	Moderate	Mid-Flood	B	3.6	10:05	8.35	8.39	31.8	22.9	3.39	10	114	0.246	W
B3	20200429	Sunny	Moderate	Mid-Flood	S	1.0	10:06	8	8.51	31.8	22.7	2.92	8	114	0.205	NW
B3	20200429	Sunny	Moderate	Mid-Flood	S	1.0	10:06	8.01	8.42	31.7	22.8	2.52	7	114	0.228	W
B4	20200429	Sunny	Moderate	Mid-Flood	B	3.9	09:57	8.38	8.46	32.0	22.7	3.32	9	114	0.279	W
B4	20200429	Sunny	Moderate	Mid-Flood	B	3.9	09:57	8.51	8.52	31.7	22.9	3.1	9	115	0.268	W
B4	20200429	Sunny	Moderate	Mid-Flood	S	1.0	09:58	8.4	8.43	31.8	22.7	2.62	7	113	0.198	W
B4	20200429	Sunny	Moderate	Mid-Flood	S	1.0	09:58	8.3	8.46	31.9	22.6	2.98	8	114	0.231	W

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20200429	Sunny	Moderate	Mid-Flood	B	10.9	09:05	8.48	8.29	32.1	22.6	3.22	6	114	0.239	W
C1A	20200429	Sunny	Moderate	Mid-Flood	B	10.9	09:05	8.13	8.45	31.5	22.7	3.11	6	113	0.257	W
C1A	20200429	Sunny	Moderate	Mid-Flood	M	6.0	09:06	8.03	8.45	32.0	22.4	2.9	6	113	0.176	W
C1A	20200429	Sunny	Moderate	Mid-Flood	M	6.0	09:06	8.3	8.31	31.7	22.4	2.67	6	113	0.265	W
C1A	20200429	Sunny	Moderate	Mid-Flood	S	1.0	09:07	8.29	8.54	32.0	22.5	2.61	6	114	0.203	W
C1A	20200429	Sunny	Moderate	Mid-Flood	S	1.0	09:07	8.2	8.50	31.5	22.4	2.55	7	116	0.276	W
C2A	20200429	Sunny	Moderate	Mid-Flood	B	10.6	08:00	8.41	8.55	31.9	22.1	3.15	8	115	0.222	W
C2A	20200429	Sunny	Moderate	Mid-Flood	B	10.6	08:00	8.5	8.37	31.7	22.4	2.92	7	115	0.177	W
C2A	20200429	Sunny	Moderate	Mid-Flood	M	5.8	08:01	8.29	8.28	31.7	22.5	2.62	6	115	0.218	W
C2A	20200429	Sunny	Moderate	Mid-Flood	M	5.8	08:01	7.92	8.48	31.9	22.5	2.73	6	115	0.173	W
C2A	20200429	Sunny	Moderate	Mid-Flood	S	1.0	08:02	8.32	8.33	32.1	22.2	2.59	6	115	0.218	W
C2A	20200429	Sunny	Moderate	Mid-Flood	S	1.0	08:02	8.09	8.41	31.6	22.6	2.48	6	115	0.233	W
CR1	20200429	Sunny	Moderate	Mid-Flood	B	11.7	08:21	7.91	8.54	31.8	22.4	3.34	5	117	0.238	W
CR1	20200429	Sunny	Moderate	Mid-Flood	B	11.7	08:21	8.16	8.54	32.0	22.5	3.13	6	114	0.259	W
CR1	20200429	Sunny	Moderate	Mid-Flood	M	6.4	08:22	8.37	8.34	31.8	22.5	2.96	7	115	0.251	W
CR1	20200429	Sunny	Moderate	Mid-Flood	M	6.4	08:22	8.17	8.46	31.8	22.1	2.59	7	117	0.21	NW
CR1	20200429	Sunny	Moderate	Mid-Flood	S	1.0	08:23	8.15	8.53	32.0	22.5	2.79	8	115	0.275	NW
CR1	20200429	Sunny	Moderate	Mid-Flood	S	1.0	08:23	8.23	8.52	31.9	22.3	2.35	8	115	0.237	NW
CR2	20200429	Sunny	Moderate	Mid-Flood	B	10.7	08:37	8.2	8.31	31.5	22.1	3.42	9	114	0.256	W
CR2	20200429	Sunny	Moderate	Mid-Flood	B	10.7	08:37	8.11	8.36	32.0	22.3	3.2	9	115	0.264	W
CR2	20200429	Sunny	Moderate	Mid-Flood	M	5.9	08:38	7.92	8.44	32.0	22.5	2.96	6	114	0.278	NW
CR2	20200429	Sunny	Moderate	Mid-Flood	M	5.9	08:38	7.86	8.29	32.0	22.6	3.13	7	115	0.189	W
CR2	20200429	Sunny	Moderate	Mid-Flood	S	1.0	08:39	8.43	8.57	31.6	22.5	2.4	5	114	0.242	W
CR2	20200429	Sunny	Moderate	Mid-Flood	S	1.0	08:39	7.85	8.44	31.5	22.4	2.56	5	113	0.191	W
F1A	20200429	Sunny	Moderate	Mid-Flood	B	6.9	09:33	8.39	8.51	32.0	22.6	3.12	6	113	0.207	W
F1A	20200429	Sunny	Moderate	Mid-Flood	B	6.9	09:33	7.95	8.57	31.9	22.6	2.92	6	115	0.281	W
F1A	20200429	Sunny	Moderate	Mid-Flood	M	4.0	09:34	7.91	8.58	31.7	22.4	3.01	7	114	0.22	NW
F1A	20200429	Sunny	Moderate	Mid-Flood	M	4.0	09:34	7.9	8.28	31.9	22.7	2.98	7	114	0.239	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
F1A	20200429	Sunny	Moderate	Mid-Flood	S	1.0	09:35	8.38	8.48	31.6	22.7	2.84	9	113	0.275	W
F1A	20200429	Sunny	Moderate	Mid-Flood	S	1.0	09:35	7.87	8.43	31.7	22.4	2.7	8	112	0.215	NW
H1	20200429	Sunny	Moderate	Mid-Flood	B	6.5	09:33	7.87	8.35	32.2	22.7	3.19	7	114	0.188	W
H1	20200429	Sunny	Moderate	Mid-Flood	B	6.5	09:33	8.49	8.55	32.1	22.4	3.14	7	113	0.182	W
H1	20200429	Sunny	Moderate	Mid-Flood	M	3.8	09:34	7.85	8.36	31.7	22.5	2.83	8	115	0.282	W
H1	20200429	Sunny	Moderate	Mid-Flood	M	3.8	09:34	8.32	8.59	31.7	22.6	2.76	8	114	0.222	W
H1	20200429	Sunny	Moderate	Mid-Flood	S	1.0	09:35	8.03	8.59	31.9	22.7	2.6	8	114	0.217	W
H1	20200429	Sunny	Moderate	Mid-Flood	S	1.0	09:35	8.01	8.41	32.0	22.7	2.53	9	114	0.237	NW
M1	20200429	Sunny	Moderate	Mid-Flood	B	6.4	09:11	8.24	8.59	32.0	22.7	3.28	8	114	0.209	W
M1	20200429	Sunny	Moderate	Mid-Flood	B	6.4	09:11	8.01	8.45	31.9	22.3	2.96	8	114	0.219	W
M1	20200429	Sunny	Moderate	Mid-Flood	M	3.7	09:12	8.41	8.34	31.9	22.5	2.9	8	114	0.275	W
M1	20200429	Sunny	Moderate	Mid-Flood	M	3.7	09:12	8.27	8.28	31.6	22.3	2.77	9	113	0.277	W
M1	20200429	Sunny	Moderate	Mid-Flood	S	1.0	09:13	7.93	8.49	31.7	22.3	2.79	10	116	0.206	W
M1	20200429	Sunny	Moderate	Mid-Flood	S	1.0	09:13	7.96	8.57	31.8	22.6	2.42	11	115	0.17	W
S1	20200429	Sunny	Moderate	Mid-Flood	B	4.3	10:40	8.03	8.29	32.1	22.9	3.35	8	115	0.182	NW
S1	20200429	Sunny	Moderate	Mid-Flood	B	4.3	10:40	8.07	8.48	32.1	22.6	3.27	8	114	0.198	W
S1	20200429	Sunny	Moderate	Mid-Flood	S	1.0	10:41	8.5	8.37	31.9	22.8	2.89	6	113	0.216	NW
S1	20200429	Sunny	Moderate	Mid-Flood	S	1.0	10:41	8.5	8.50	32.1	22.9	2.82	6	112	0.281	W
S2A	20200429	Sunny	Moderate	Mid-Flood	B	8.2	10:18	8.36	8.46	31.5	22.7	3.37	8	114	0.274	W
S2A	20200429	Sunny	Moderate	Mid-Flood	B	8.2	10:18	8.43	8.51	31.9	22.9	2.88	8	114	0.211	W
S2A	20200429	Sunny	Moderate	Mid-Flood	M	4.6	10:19	8.16	8.51	31.8	22.6	2.84	6	114	0.261	NW
S2A	20200429	Sunny	Moderate	Mid-Flood	M	4.6	10:19	8.47	8.55	32.1	22.8	3.04	6	114	0.277	NW
S2A	20200429	Sunny	Moderate	Mid-Flood	S	1.0	10:20	8	8.56	32.0	22.8	2.66	6	116	0.179	W
S2A	20200429	Sunny	Moderate	Mid-Flood	S	1.0	10:20	8.02	8.55	31.9	22.7	2.61	6	113	0.274	W
S3	20200429	Sunny	Moderate	Mid-Flood	B	8.6	08:46	7.96	8.41	32.0	22.3	3.44	8	115	0.172	NW
S3	20200429	Sunny	Moderate	Mid-Flood	B	8.6	08:46	8.31	8.59	31.5	22.3	3.38	8	113	0.244	W
S3	20200429	Sunny	Moderate	Mid-Flood	M	4.8	08:47	8.19	8.49	31.9	22.7	2.56	6	113	0.278	W
S3	20200429	Sunny	Moderate	Mid-Flood	M	4.8	08:47	8.5	8.33	31.9	22.3	3.07	6	114	0.225	W

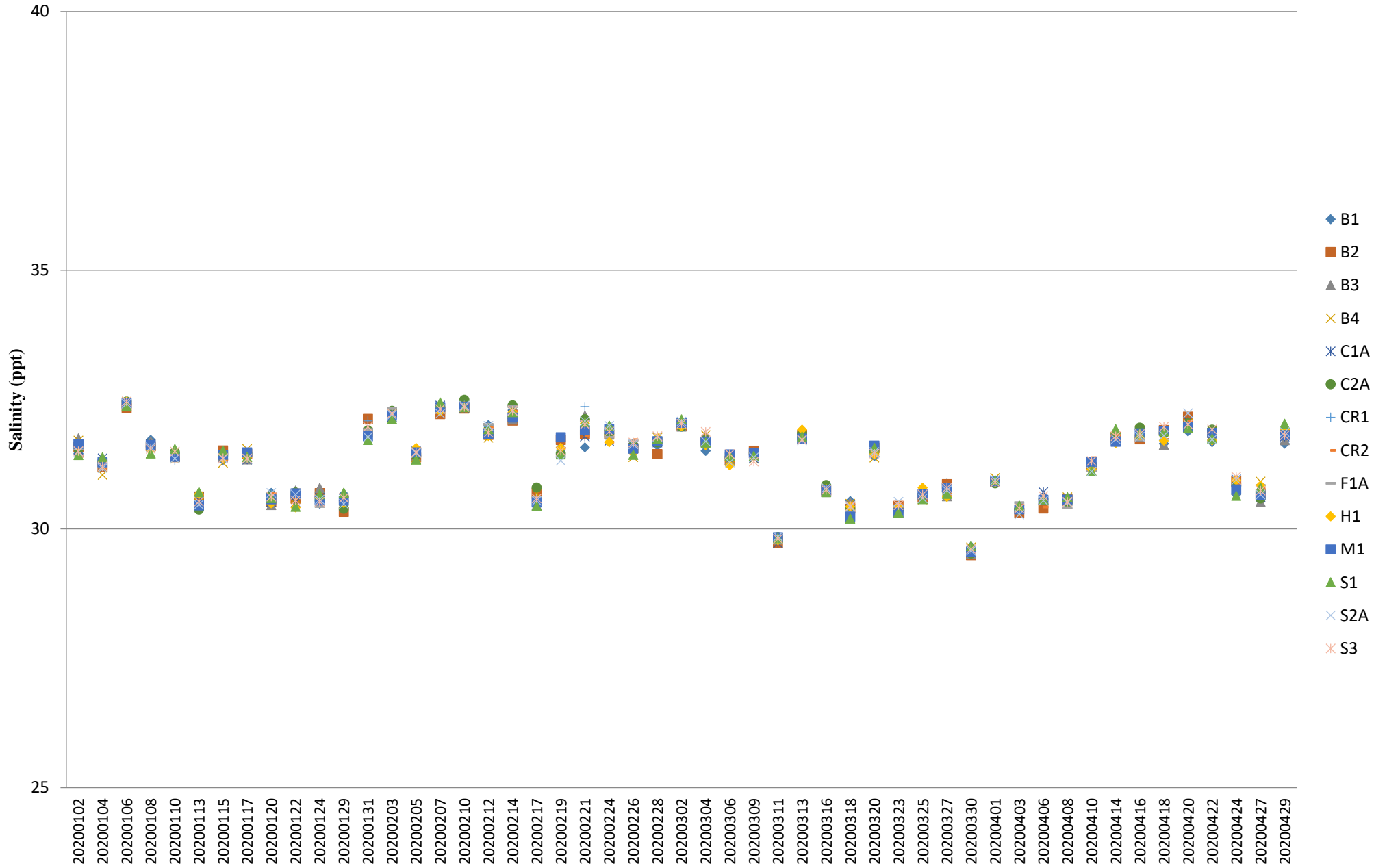
Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S3	20200429	Sunny	Moderate	Mid-Flood	S	1.0	08:48	8.35	8.54	31.8	22.7	2.83	5	115	0.233	W
S3	20200429	Sunny	Moderate	Mid-Flood	S	1.0	08:48	8.46	8.43	31.7	22.4	2.76	5	114	0.176	NW
B1	20200429	Sunny	Moderate	Mid-Ebb	B	3.6	14:52	8.5	8.29	31.5	23.9	3.09	9	116	0.148	E
B1	20200429	Sunny	Moderate	Mid-Ebb	B	3.6	14:52	8.51	8.28	31.6	24.1	2.86	8	116	0.248	SE
B1	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	14:53	8.15	8.45	31.6	23.9	2.85	8	116	0.21	SE
B1	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	14:53	8.13	8.27	31.3	23.9	2.58	7	116	0.247	SE
B2	20200429	Sunny	Moderate	Mid-Ebb	B	4.7	14:34	8.54	8.50	31.9	23.9	3.12	6	116	0.189	E
B2	20200429	Sunny	Moderate	Mid-Ebb	B	4.7	14:34	8.65	8.61	31.8	23.9	3.37	7	116	0.151	E
B2	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	14:35	8.12	8.30	31.8	24.0	2.76	10	116	0.168	E
B2	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	14:35	8.25	8.39	31.6	24.0	2.59	9	117	0.151	SE
B3	20200429	Sunny	Moderate	Mid-Ebb	B	4.1	15:19	8.28	8.50	31.3	24.0	2.97	10	115	0.175	SE
B3	20200429	Sunny	Moderate	Mid-Ebb	B	4.1	15:19	8.33	8.24	31.6	24.1	3.43	10	116	0.199	SE
B3	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:20	8.44	8.53	31.7	23.8	2.8	8	116	0.251	E
B3	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:20	8.32	8.22	31.3	23.9	2.9	8	115	0.238	SE
B4	20200429	Sunny	Moderate	Mid-Ebb	B	4.0	15:27	8.13	8.19	31.5	23.9	3.15	11	115	0.221	SE
B4	20200429	Sunny	Moderate	Mid-Ebb	B	4.0	15:27	8.65	8.46	31.6	23.7	3.02	11	116	0.156	E
B4	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:28	8.01	8.37	31.2	23.7	2.4	9	116	0.2	SE
B4	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:28	8.39	8.27	31.5	23.8	2.38	9	115	0.161	SE
C1A	20200429	Sunny	Moderate	Mid-Ebb	B	9.9	14:34	8.11	8.50	31.4	23.9	3.38	6	116	0.204	SE
C1A	20200429	Sunny	Moderate	Mid-Ebb	B	9.9	14:34	8.49	8.43	31.7	23.8	3.21	7	115	0.204	SE
C1A	20200429	Sunny	Moderate	Mid-Ebb	M	5.5	14:35	8.04	8.44	31.9	23.9	2.8	8	116	0.241	SE
C1A	20200429	Sunny	Moderate	Mid-Ebb	M	5.5	14:35	8.32	8.19	31.2	23.9	2.85	8	116	0.158	SE
C1A	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	14:36	8.1	8.35	31.6	23.9	2.71	9	119	0.221	E
C1A	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	14:36	8.41	8.19	31.7	23.9	2.36	9	116	0.215	E
C2A	20200429	Sunny	Moderate	Mid-Ebb	B	11.4	15:55	8.05	8.37	31.7	23.6	3.38	8	116	0.21	SE
C2A	20200429	Sunny	Moderate	Mid-Ebb	B	11.4	15:55	8.38	8.35	31.5	23.9	3	8	116	0.233	E
C2A	20200429	Sunny	Moderate	Mid-Ebb	M	6.2	15:56	8.06	8.57	31.8	23.7	2.91	8	116	0.214	SE
C2A	20200429	Sunny	Moderate	Mid-Ebb	M	6.2	15:56	8.07	8.34	31.5	23.6	2.93	8	116	0.162	E

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:57	8.32	8.30	31.6	23.8	2.56	8	115	0.169	E
C2A	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:57	8.56	8.60	31.2	23.8	2.61	8	115	0.153	SE
CR1	20200429	Sunny	Moderate	Mid-Ebb	B	12.4	15:15	8.52	8.46	31.3	23.8	3.12	8	116	0.25	SE
CR1	20200429	Sunny	Moderate	Mid-Ebb	B	12.4	15:15	8.64	8.55	31.5	23.8	3.06	7	116	0.161	E
CR1	20200429	Sunny	Moderate	Mid-Ebb	M	6.7	15:16	8.53	8.42	31.4	23.9	2.9	8	117	0.178	SE
CR1	20200429	Sunny	Moderate	Mid-Ebb	M	6.7	15:16	8.38	8.24	31.9	23.9	2.93	8	117	0.155	SE
CR1	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:17	8.53	8.21	31.5	23.7	2.71	9	116	0.212	SE
CR1	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:17	8.39	8.17	31.7	23.9	2.41	9	117	0.177	SE
CR2	20200429	Sunny	Moderate	Mid-Ebb	B	10.5	15:15	8.06	8.37	31.9	23.8	2.87	6	115	0.235	SE
CR2	20200429	Sunny	Moderate	Mid-Ebb	B	10.5	15:15	8.57	8.23	31.8	24.0	3.14	6	116	0.222	SE
CR2	20200429	Sunny	Moderate	Mid-Ebb	M	5.8	15:16	8.34	8.41	31.2	24.0	2.86	7	116	0.189	SE
CR2	20200429	Sunny	Moderate	Mid-Ebb	M	5.8	15:16	8.42	8.55	31.7	24.0	2.47	6	117	0.165	SE
CR2	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:17	8.21	8.38	31.7	23.8	2.46	7	116	0.189	E
CR2	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:17	8.12	8.16	31.5	23.9	2.84	7	116	0.208	SE
F1A	20200429	Sunny	Moderate	Mid-Ebb	B	7.1	15:48	8.49	8.29	31.2	23.7	3.44	10	114	0.215	E
F1A	20200429	Sunny	Moderate	Mid-Ebb	B	7.1	15:48	8.18	8.31	31.7	23.7	3.08	9	115	0.212	SE
F1A	20200429	Sunny	Moderate	Mid-Ebb	M	4.1	15:49	8.58	8.31	31.5	23.9	2.89	9	117	0.208	SE
F1A	20200429	Sunny	Moderate	Mid-Ebb	M	4.1	15:49	8.02	8.32	31.4	23.7	2.72	8	116	0.148	SE
F1A	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:50	8.55	8.63	31.4	23.8	2.63	7	117	0.238	SE
F1A	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:50	8.21	8.38	31.6	23.7	2.72	7	116	0.228	SE
H1	20200429	Sunny	Moderate	Mid-Ebb	B	7.1	14:58	8.52	8.43	31.9	24.0	3.25	7	116	0.212	E
H1	20200429	Sunny	Moderate	Mid-Ebb	B	7.1	14:58	8.63	8.41	31.4	24.1	2.87	7	114	0.222	SE
H1	20200429	Sunny	Moderate	Mid-Ebb	M	4.1	14:59	8.13	8.25	31.4	24.1	2.48	8	116	0.241	SE
H1	20200429	Sunny	Moderate	Mid-Ebb	M	4.1	14:59	8.48	8.59	31.2	24.0	2.9	8	116	0.204	E
H1	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:00	8.57	8.48	31.5	23.8	2.66	9	116	0.186	SE
H1	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:00	8.21	8.34	31.8	23.9	2.68	9	115	0.154	E
M1	20200429	Sunny	Moderate	Mid-Ebb	B	8.9	16:07	8.55	8.44	31.2	23.9	3.43	9	116	0.177	SE
M1	20200429	Sunny	Moderate	Mid-Ebb	B	8.9	16:07	8.58	8.48	31.8	23.6	3.25	9	117	0.232	E

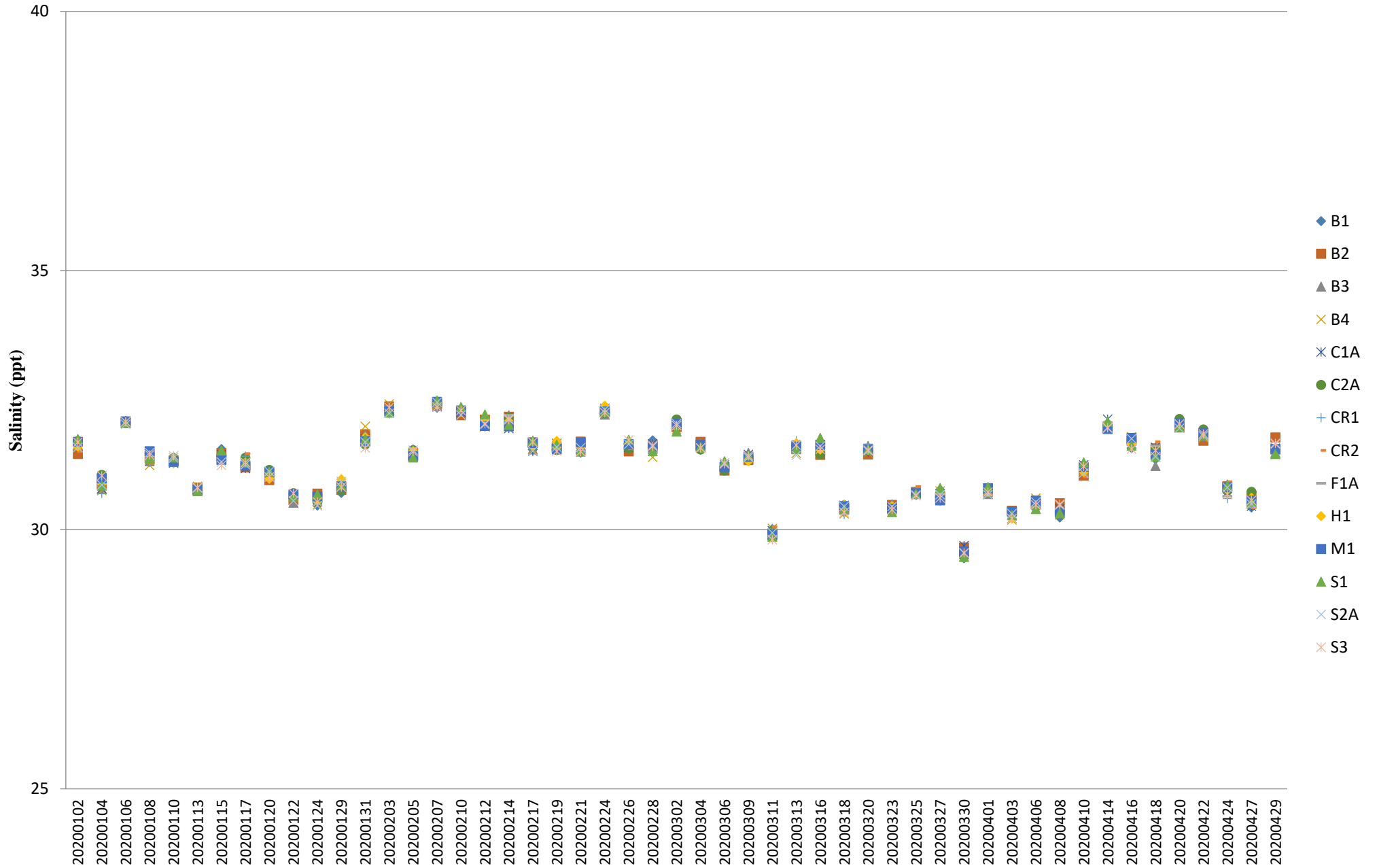
Contract No. EP/SP/66/12
 Integrated Waste Management Facilities, Phase 1
 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20200429	Sunny	Moderate	Mid-Ebb	M	5.0	16:08	8.04	8.62	31.2	23.8	2.83	8	116	0.231	SE
M1	20200429	Sunny	Moderate	Mid-Ebb	M	5.0	16:08	8.08	8.25	31.8	23.8	2.88	7	114	0.181	SE
M1	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	16:09	8.6	8.53	31.7	23.9	2.63	7	116	0.209	SE
M1	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	16:09	8.64	8.28	31.6	23.7	2.41	6	116	0.195	SE
S1	20200429	Sunny	Moderate	Mid-Ebb	B	3.8	14:43	8.27	8.35	31.5	23.9	2.99	8	114	0.168	SE
S1	20200429	Sunny	Moderate	Mid-Ebb	B	3.8	14:43	8.05	8.17	31.3	23.9	3.33	8	117	0.22	E
S1	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	14:44	8.6	8.35	31.8	23.9	2.79	10	116	0.148	E
S1	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	14:44	8.28	8.40	31.2	24.1	2.71	9	115	0.182	E
S2A	20200429	Sunny	Moderate	Mid-Ebb	B	7.8	15:06	8.02	8.55	31.8	24.1	3.43	5	116	0.236	SE
S2A	20200429	Sunny	Moderate	Mid-Ebb	B	7.8	15:06	8.5	8.64	31.7	24.0	3.27	5	117	0.197	SE
S2A	20200429	Sunny	Moderate	Mid-Ebb	M	4.4	15:07	8.46	8.58	31.7	24.0	2.69	7	116	0.187	SE
S2A	20200429	Sunny	Moderate	Mid-Ebb	M	4.4	15:07	8.23	8.45	31.4	23.9	2.62	7	115	0.235	SE
S2A	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:08	8.17	8.35	31.4	23.9	2.86	8	115	0.179	SE
S2A	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:08	8.03	8.39	31.9	23.8	2.75	8	117	0.158	SE
S3	20200429	Sunny	Moderate	Mid-Ebb	B	10.6	15:24	8.05	8.20	31.8	24.0	3.31	8	116	0.243	SE
S3	20200429	Sunny	Moderate	Mid-Ebb	B	10.6	15:24	8.47	8.48	31.7	23.7	3.15	8	115	0.231	E
S3	20200429	Sunny	Moderate	Mid-Ebb	M	5.8	15:25	8.22	8.25	31.4	24.0	2.58	7	117	0.223	E
S3	20200429	Sunny	Moderate	Mid-Ebb	M	5.8	15:25	8.47	8.40	31.5	23.7	2.8	7	117	0.234	E
S3	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:26	8.5	8.20	31.7	23.8	2.73	7	116	0.207	E
S3	20200429	Sunny	Moderate	Mid-Ebb	S	1.0	15:26	8.39	8.17	31.9	23.9	2.82	7	116	0.238	SE
Remarks:																
Note 1: S - Surface		M - Middle		B - Bottom												
Note 2: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.																

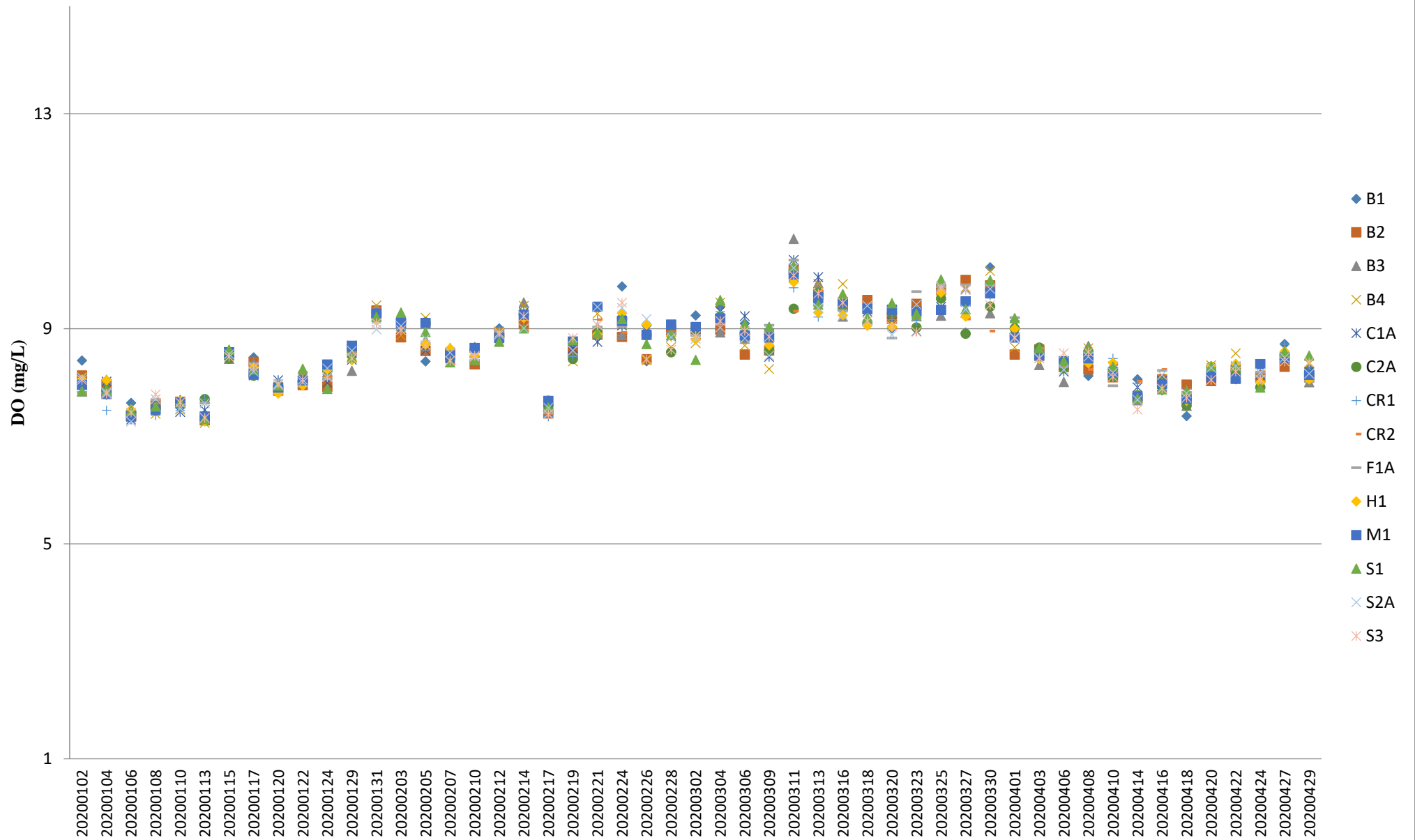
Salinity (Depth-averaged) during MID-FLOOD



Salinity (Depth-averaged) during MID-EBB

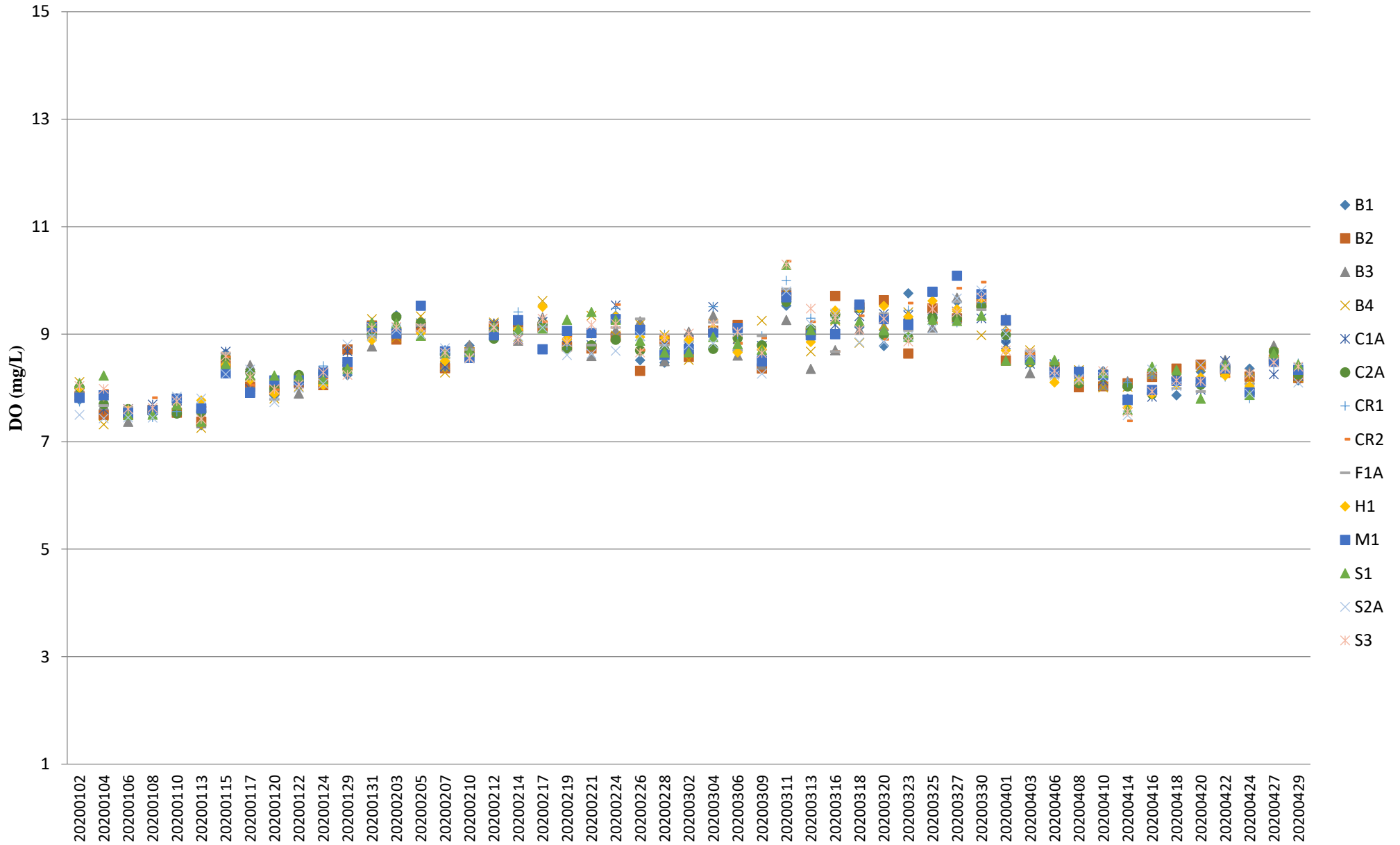


Dissolved Oxygen (Surface & Middle) during MID-FLOOD



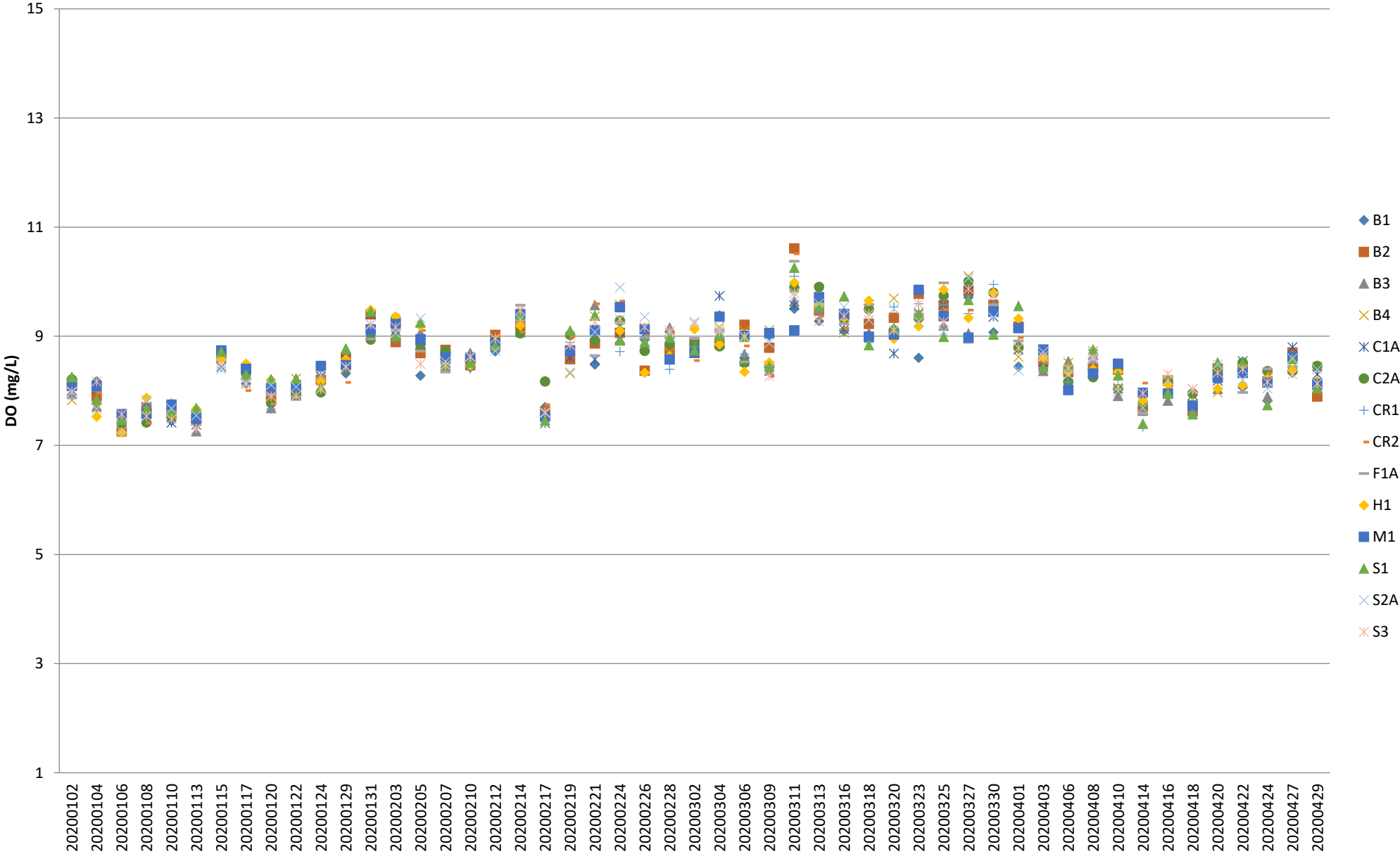
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Dissolved Oxygen (Surface & Middle) during MID-EBB



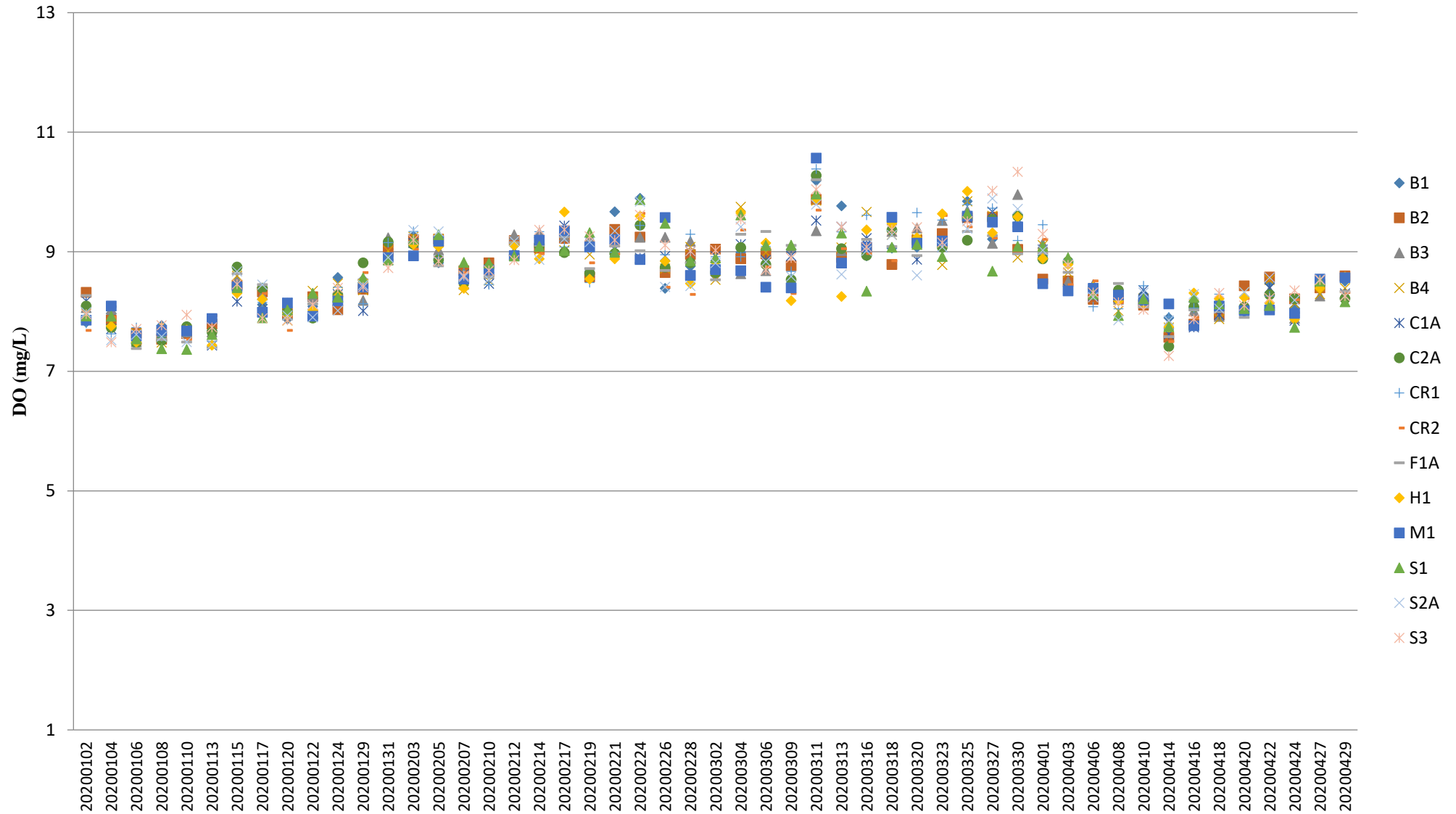
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-FLOOD



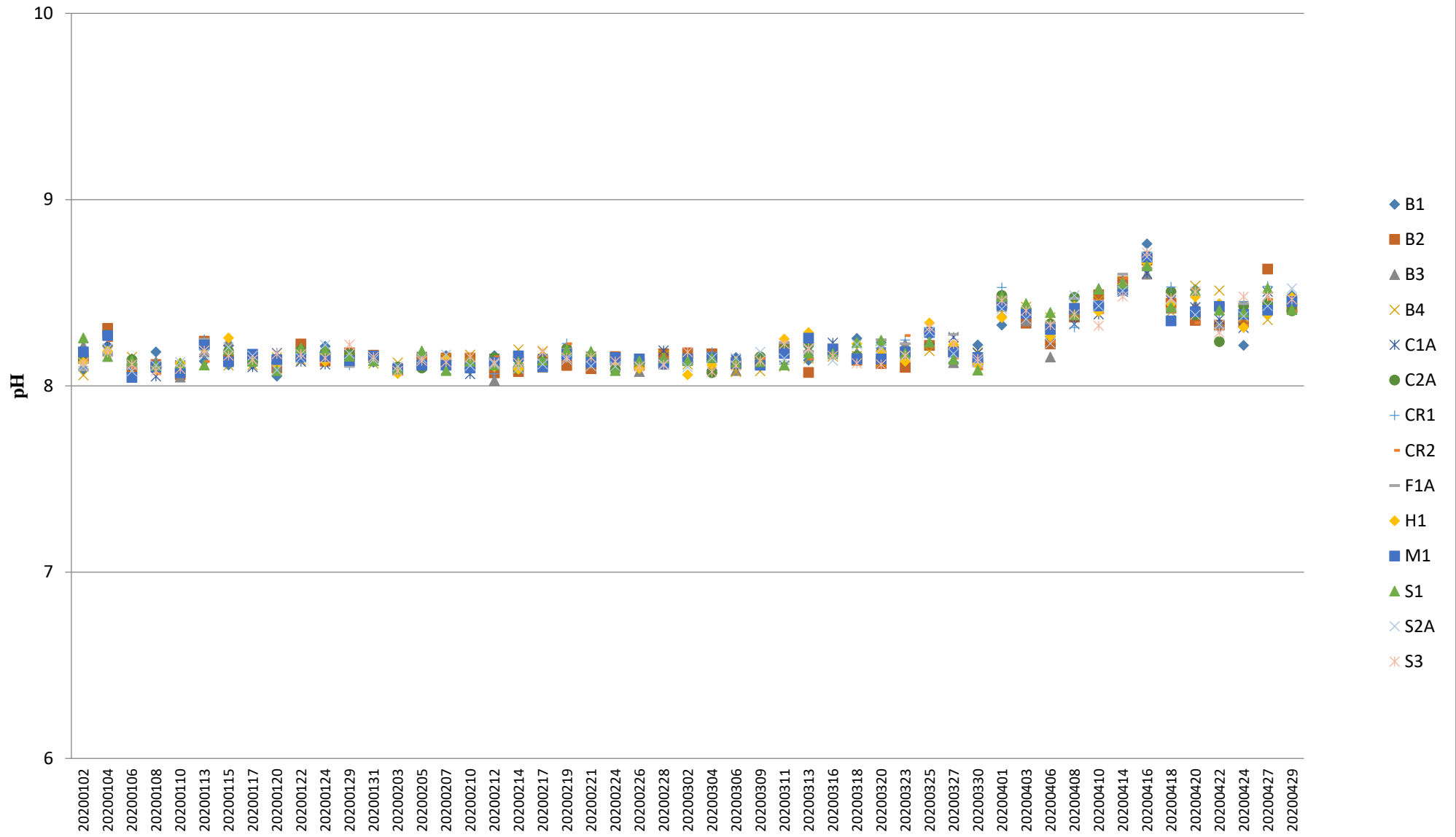
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Dissolved Oxygen (Bottom) during MID-EBB

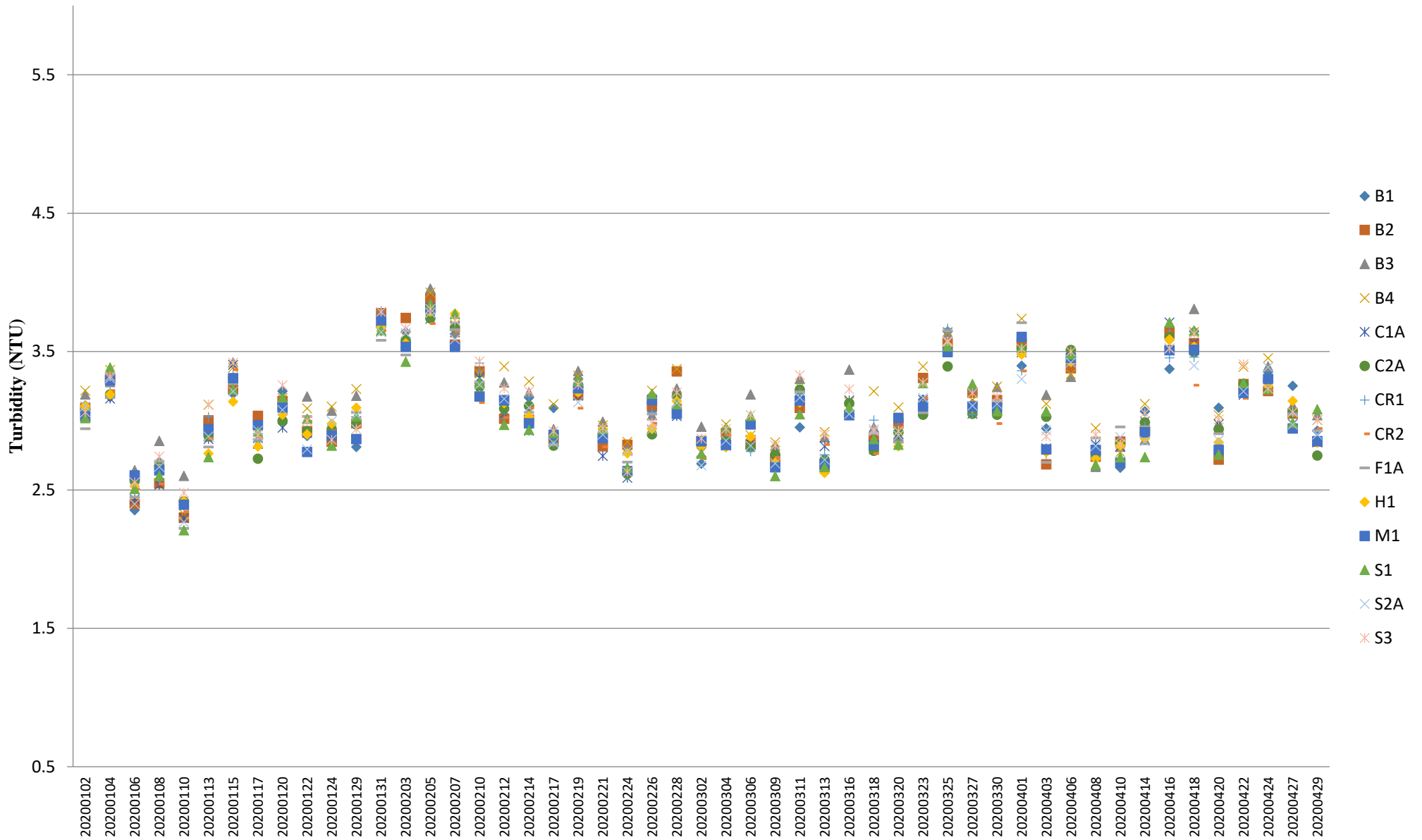


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

pH (Depth-averaged) during MID-FLOOD

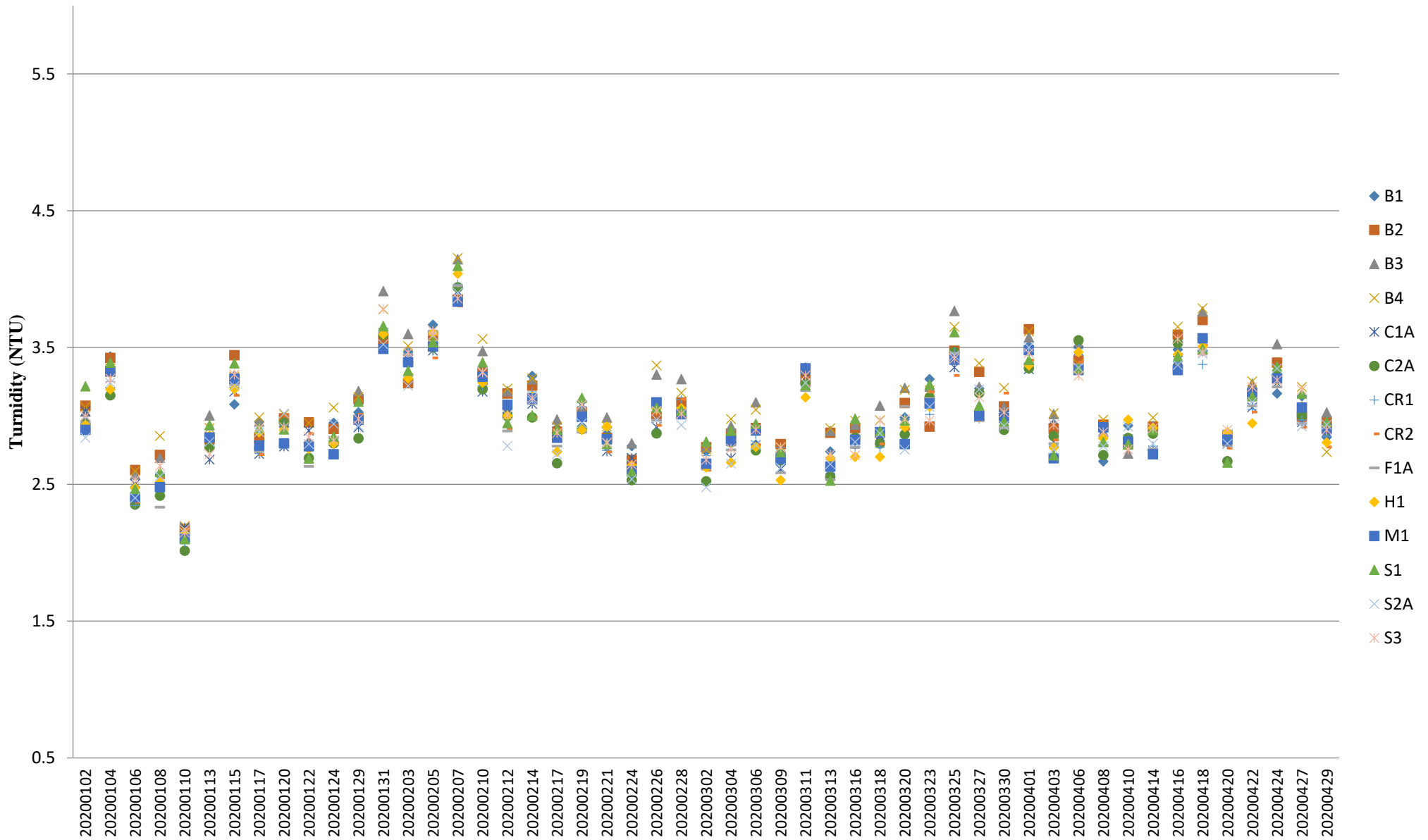


Turbidity (Depth-averaged) during MID-FLOOD



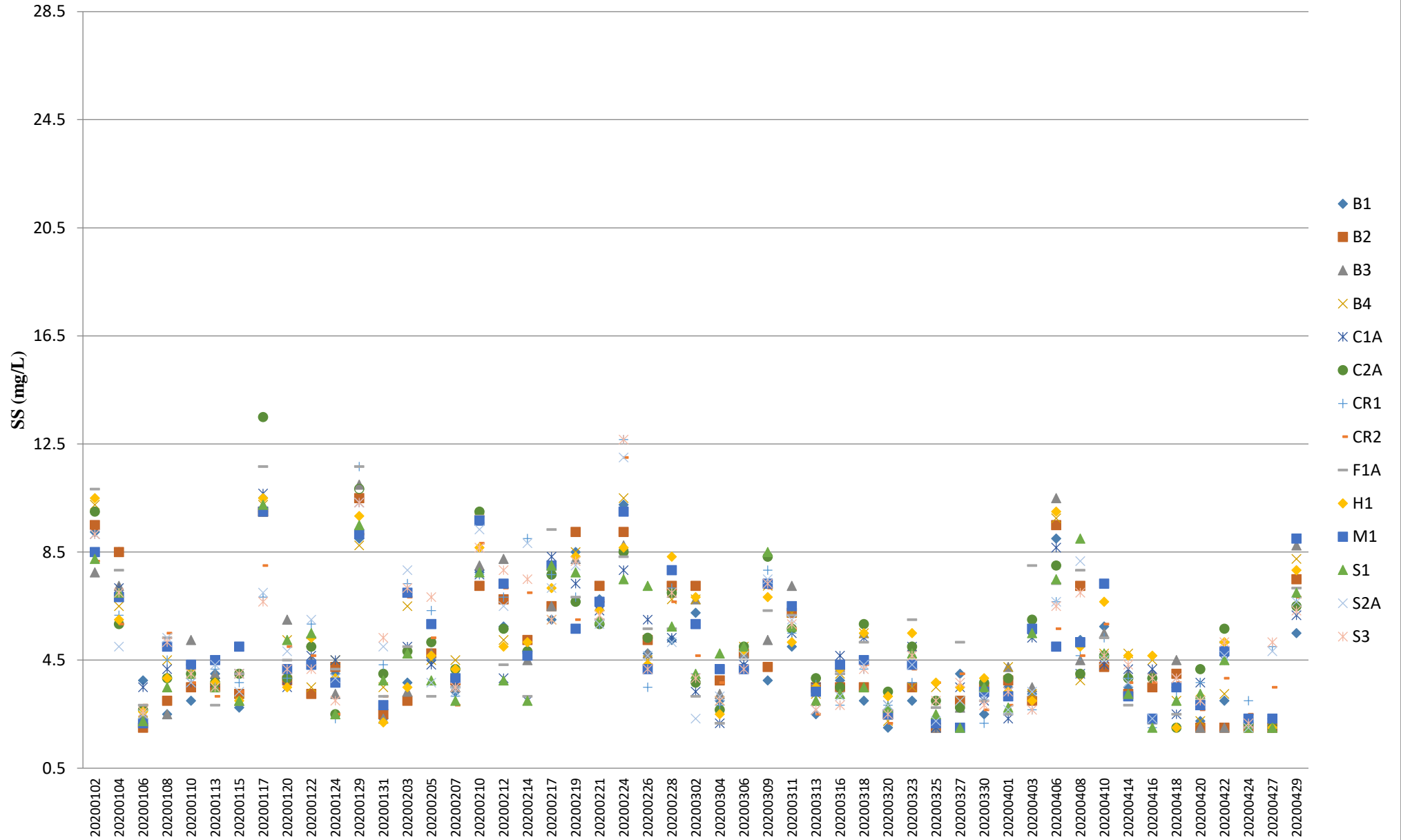
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Turbidity (Depth-averaged) during MID-EBB



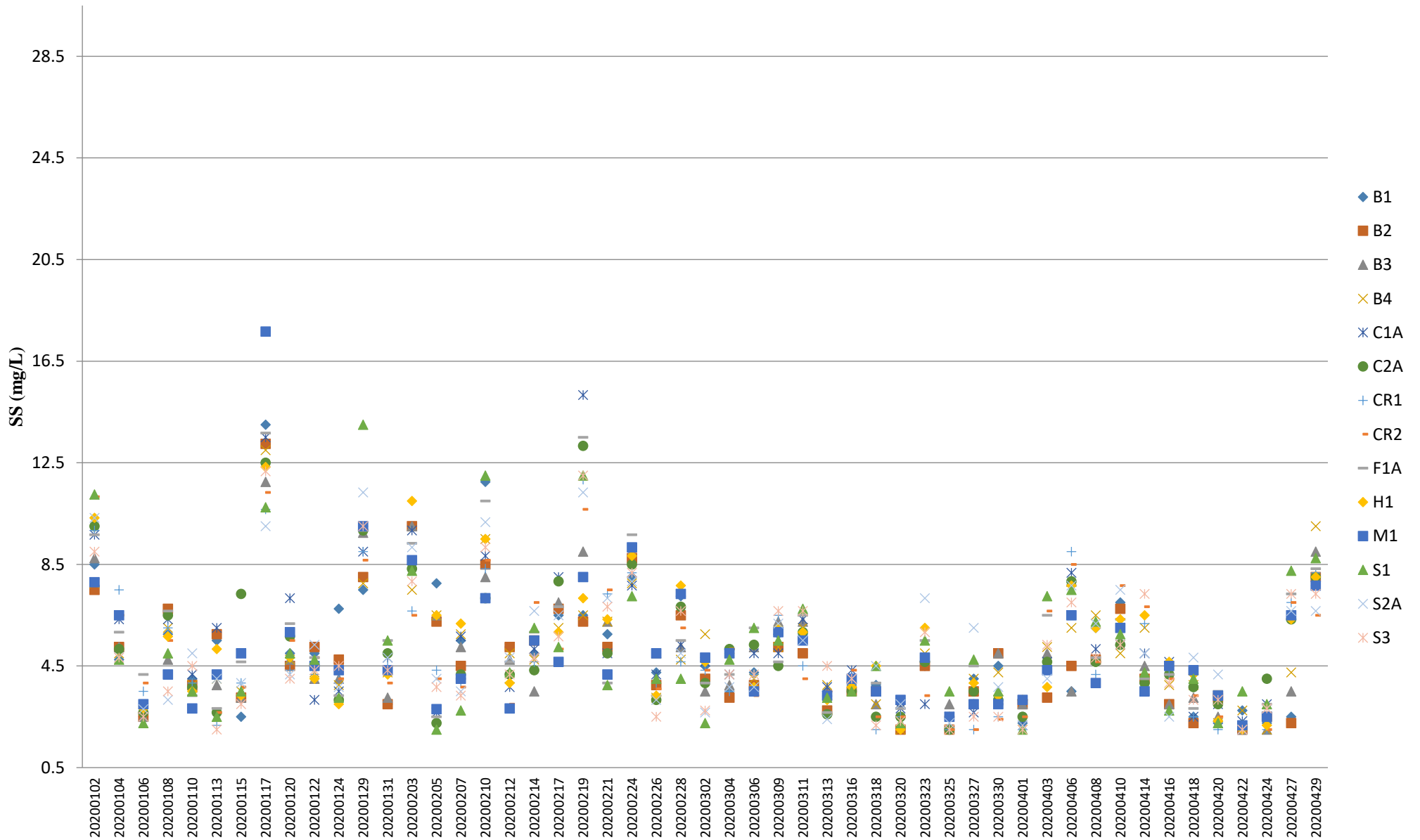
Note: The Action and Limit Level of turbidity can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-FLOOD



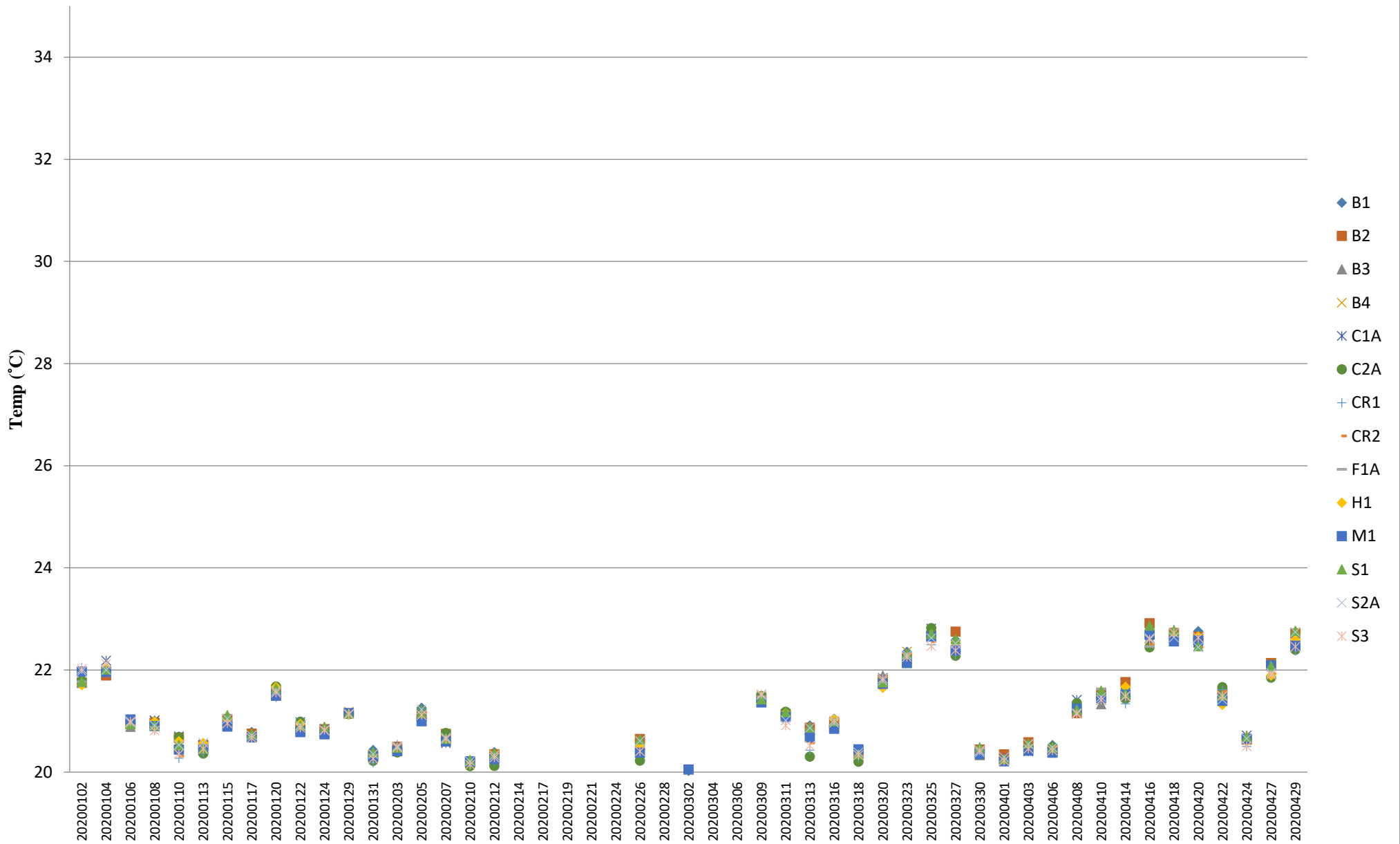
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

Suspended Solids (Depth-averaged) during MID-EBB



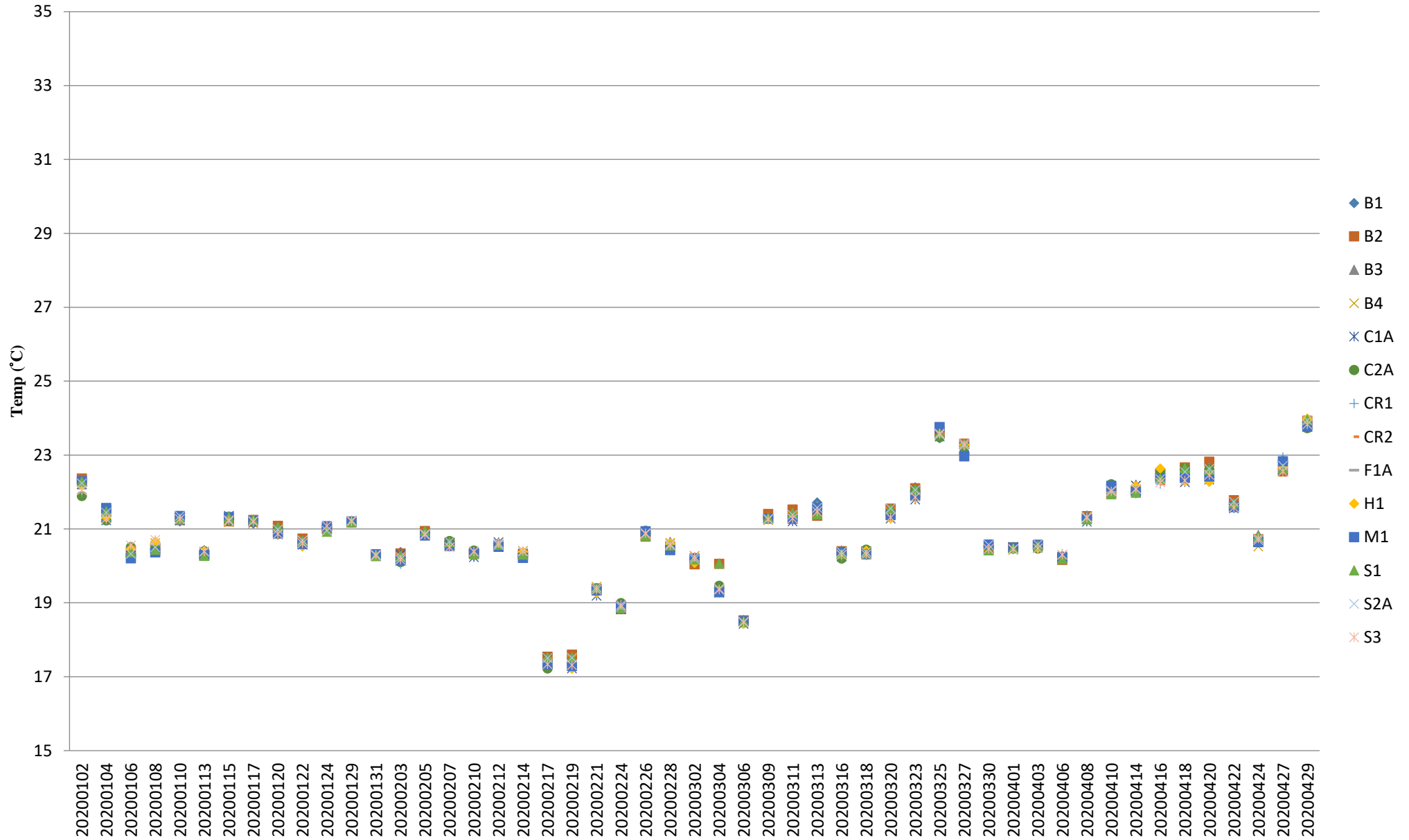
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

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



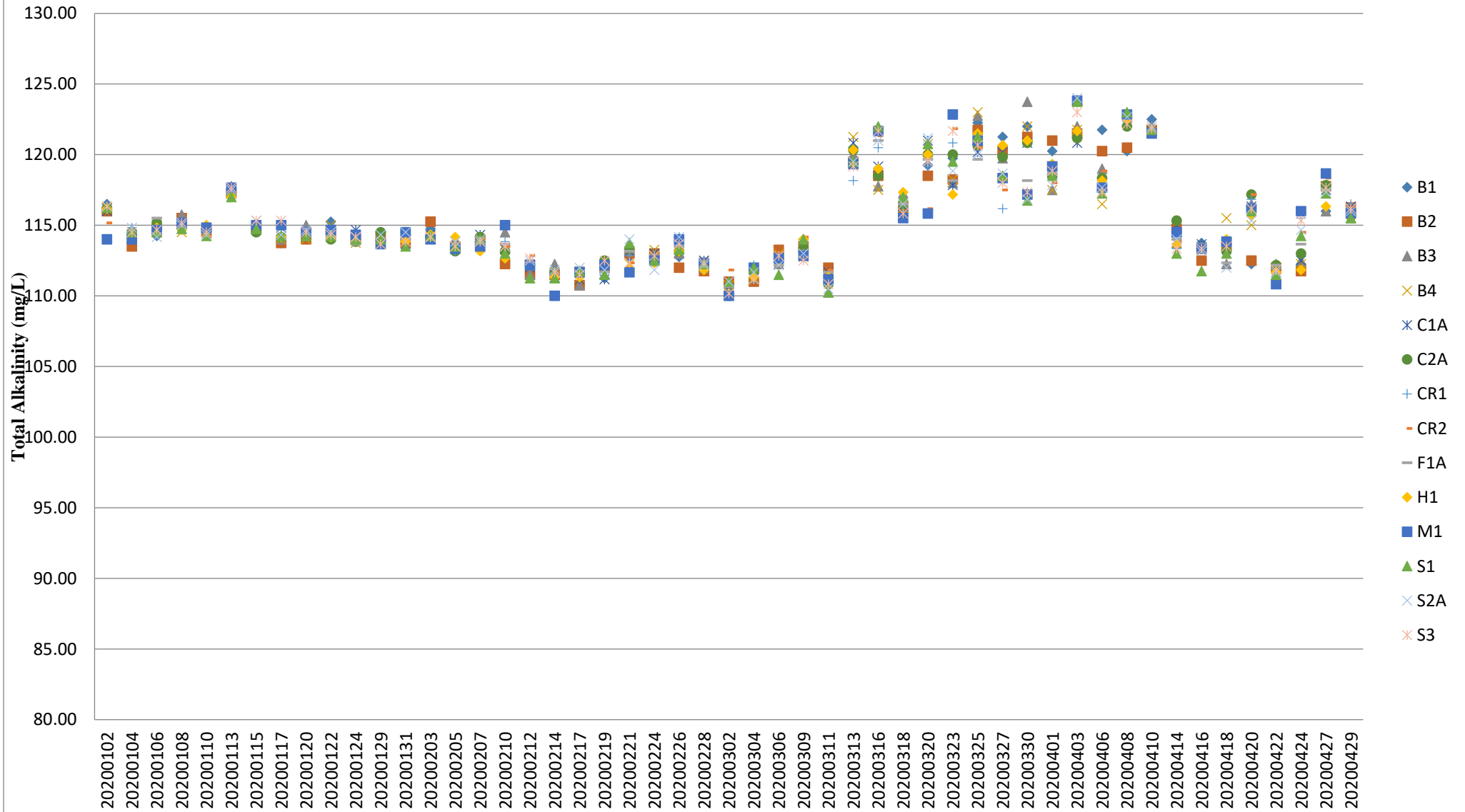
Note: The Action and Limit Level of temperature can be referred to **Table 2.7 & 2.8** of the monthly EM&A report.

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.