

## 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	20200302	Cloudy	Moderate	Mid-Flood	B	4.5	11:15	8.58	8.27	32.23	19.98	2.93	6	111	0.248	W
B1	20200302	Cloudy	Moderate	Mid-Flood	B	4.5	11:15	8.89	8.08	32.02	20.06	3.09	7	110	0.281	W
B1	20200302	Cloudy	Moderate	Mid-Flood	S	1	11:16	9.22	8.04	31.99	20.1	2.28	6	108	0.207	NW
B1	20200302	Cloudy	Moderate	Mid-Flood	S	1	11:16	9.27	8.15	31.98	19.95	2.46	6	110	0.277	NW
B2	20200302	Cloudy	Moderate	Mid-Flood	B	4	11:33	8.66	8.16	31.82	20	3.02	7	112	0.267	W
B2	20200302	Cloudy	Moderate	Mid-Flood	B	4	11:33	9.12	8.25	32.11	19.92	3.08	6	112	0.236	W
B2	20200302	Cloudy	Moderate	Mid-Flood	S	1	11:34	9.11	8.04	32.17	19.92	2.66	8	110	0.169	W
B2	20200302	Cloudy	Moderate	Mid-Flood	S	1	11:34	8.79	8.26	31.9	20.05	2.65	8	112	0.205	W
B3	20200302	Cloudy	Moderate	Mid-Flood	B	3.6	10:45	8.71	8.05	32.13	19.88	3.23	6	112	0.232	W
B3	20200302	Cloudy	Moderate	Mid-Flood	B	3.6	10:45	9.08	8.07	32.01	19.96	3.27	7	110	0.184	NW
B3	20200302	Cloudy	Moderate	Mid-Flood	S	1	10:46	9.01	8.16	31.83	20	2.68	7	110	0.28	W
B3	20200302	Cloudy	Moderate	Mid-Flood	S	1	10:46	9.02	8.28	31.95	19.92	2.65	7	112	0.251	W
B4	20200302	Cloudy	Moderate	Mid-Flood	B	4.6	10:37	8.83	8.05	32.03	19.94	3.13	6	110	0.266	W
B4	20200302	Cloudy	Moderate	Mid-Flood	B	4.6	10:37	8.73	8.19	32.23	20.08	3.12	6	110	0.249	W
B4	20200302	Cloudy	Moderate	Mid-Flood	S	1	10:38	8.51	8.02	32.19	20.09	2.52	8	111	0.174	W
B4	20200302	Cloudy	Moderate	Mid-Flood	S	1	10:38	8.95	8.2	31.81	20.06	2.32	7	112	0.229	NW
C1A	20200302	Cloudy	Moderate	Mid-Flood	B	10.8	9:36	8.71	8.21	31.9	19.92	2.89	5	111	0.228	W
C1A	20200302	Cloudy	Moderate	Mid-Flood	B	10.8	9:36	9	8.09	31.81	20.09	3.11	4	110	0.194	W
C1A	20200302	Cloudy	Moderate	Mid-Flood	M	5.9	9:37	9.16	8.15	32.2	19.99	2.94	3	110	0.235	W
C1A	20200302	Cloudy	Moderate	Mid-Flood	M	5.9	9:37	9.04	8.09	32.11	20.08	2.82	3	111	0.276	W
C1A	20200302	Cloudy	Moderate	Mid-Flood	S	1	9:38	8.64	8.03	32.19	19.99	2.35	3	111	0.25	W
C1A	20200302	Cloudy	Moderate	Mid-Flood	S	1	9:38	9.05	8.28	31.99	19.91	2.53	2	112	0.183	W
C2A	20200302	Cloudy	Moderate	Mid-Flood	B	11	8:25	8.59	8.18	32	19.87	2.92	3	111	0.23	W
C2A	20200302	Cloudy	Moderate	Mid-Flood	B	11	8:25	9.13	8.27	32.13	19.93	3.35	4	110	0.233	W
C2A	20200302	Cloudy	Moderate	Mid-Flood	M	6	8:26	9.17	8.28	32.04	19.9	2.84	4	111	0.238	W
C2A	20200302	Cloudy	Moderate	Mid-Flood	M	6	8:26	9.18	8.08	31.88	19.88	2.98	3	111	0.266	W
C2A	20200302	Cloudy	Moderate	Mid-Flood	S	1	8:27	8.33	8.07	32	19.74	2.59	4	111	0.226	W
C2A	20200302	Cloudy	Moderate	Mid-Flood	S	1	8:27	9.25	8.03	31.82	19.83	2.28	4	112	0.279	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	20200302	Cloudy	Moderate	Mid-Flood	B	11.9	8:50	8.64	8.12	32.07	19.94	3.16	2	109	0.172	NW
CR1	20200302	Cloudy	Moderate	Mid-Flood	B	11.9	8:50	8.98	8.23	32	19.93	3.19	3	109	0.181	W
CR1	20200302	Cloudy	Moderate	Mid-Flood	M	6.45	8:51	8.64	8.03	31.88	19.86	2.52	4	109	0.177	NW
CR1	20200302	Cloudy	Moderate	Mid-Flood	M	6.45	8:51	9.12	8.14	31.88	19.8	2.95	4	110	0.221	W
CR1	20200302	Cloudy	Moderate	Mid-Flood	S	1	8:52	9.03	8.17	31.84	19.95	2.74	6	112	0.192	W
CR1	20200302	Cloudy	Moderate	Mid-Flood	S	1	8:52	8.47	8.25	32.13	19.83	2.66	5	109	0.215	W
CR2	20200302	Cloudy	Moderate	Mid-Flood	B	9.9	9:07	8.75	8.16	32.1	19.9	3.05	8	110	0.267	W
CR2	20200302	Cloudy	Moderate	Mid-Flood	B	9.9	9:07	8.36	8.05	32.13	19.86	3.04	7	109	0.225	W
CR2	20200302	Cloudy	Moderate	Mid-Flood	M	5.45	9:08	9.12	8.19	32.26	19.98	2.63	4	109	0.206	W
CR2	20200302	Cloudy	Moderate	Mid-Flood	M	5.45	9:08	8.43	8.02	31.87	19.97	2.77	5	111	0.181	NW
CR2	20200302	Cloudy	Moderate	Mid-Flood	S	1	9:09	9.13	8.25	31.94	19.97	2.3	2	111	0.235	NW
CR2	20200302	Cloudy	Moderate	Mid-Flood	S	1	9:09	8.56	8.1	32.25	19.88	2.57	2	111	0.203	W
F1A	20200302	Cloudy	Moderate	Mid-Flood	B	7.4	10:16	8.86	8.15	31.98	20.08	3.16	4	111	0.273	W
F1A	20200302	Cloudy	Moderate	Mid-Flood	B	7.4	10:16	9.06	8.22	32.03	20.08	3.02	4	111	0.238	W
F1A	20200302	Cloudy	Moderate	Mid-Flood	M	4.2	10:17	8.33	8.09	32.09	19.98	2.53	3	111	0.263	W
F1A	20200302	Cloudy	Moderate	Mid-Flood	M	4.2	10:17	8.96	8.13	32.05	19.96	2.86	3	109	0.214	W
F1A	20200302	Cloudy	Moderate	Mid-Flood	S	1	10:18	9.13	8.07	31.86	20.03	2.59	3	109	0.268	NW
F1A	20200302	Cloudy	Moderate	Mid-Flood	S	1	10:18	9.06	8.08	32.25	20.05	2.26	2	111	0.229	W
H1	20200302	Cloudy	Moderate	Mid-Flood	B	7.6	10:05	9.19	8.02	31.95	19.98	3.34	6	112	0.255	NW
H1	20200302	Cloudy	Moderate	Mid-Flood	B	7.6	10:05	9.07	8.06	31.96	20.1	3.17	7	111	0.196	W
H1	20200302	Cloudy	Moderate	Mid-Flood	M	4.3	10:06	8.66	8.16	31.91	19.87	2.44	7	110	0.185	W
H1	20200302	Cloudy	Moderate	Mid-Flood	M	4.3	10:06	8.65	8.03	31.81	19.9	2.99	6	111	0.2	W
H1	20200302	Cloudy	Moderate	Mid-Flood	S	1	10:07	9.03	8.06	32.23	20.07	2.24	8	109	0.191	NW
H1	20200302	Cloudy	Moderate	Mid-Flood	S	1	10:07	8.85	8.03	32.04	20.01	2.68	7	111	0.175	W
M1	20200302	Cloudy	Moderate	Mid-Flood	B	7	9:54	8.68	8.25	31.82	20.02	3.35	6	109	0.221	W
M1	20200302	Cloudy	Moderate	Mid-Flood	B	7	9:54	8.71	8.21	32.13	20.05	2.93	6	110	0.215	W
M1	20200302	Cloudy	Moderate	Mid-Flood	M	4	9:55	9.38	8.09	32.23	20.11	2.68	5	111	0.185	W
M1	20200302	Cloudy	Moderate	Mid-Flood	M	4	9:55	8.74	8.03	32.26	20.07	2.93	6	110	0.236	W

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M1	20200302	Cloudy	Moderate	Mid-Flood	S	1	9:56	9.31	8.25	32.05	20.05	2.45	6	111	0.274	NW
M1	20200302	Cloudy	Moderate	Mid-Flood	S	1	9:56	8.68	8.04	31.83	20	2.77	6	110	0.261	W
S1	20200302	Cloudy	Moderate	Mid-Flood	B	4.6	11:25	8.56	8.05	32.25	19.89	3.08	4	110	0.19	NW
S1	20200302	Cloudy	Moderate	Mid-Flood	B	4.6	11:25	8.92	8.18	32.11	20.02	3.12	6	111	0.259	W
S1	20200302	Cloudy	Moderate	Mid-Flood	S	1	11:26	8.44	8.13	31.97	19.91	2.35	3	109	0.242	W
S1	20200302	Cloudy	Moderate	Mid-Flood	S	1	11:26	8.4	8.18	32.15	19.9	2.5	3	109	0.269	NW
S2A	20200302	Cloudy	Moderate	Mid-Flood	B	8.5	10:58	9.26	8.04	32.11	19.91	2.91	2	109	0.187	W
S2A	20200302	Cloudy	Moderate	Mid-Flood	B	8.5	10:58	9.27	8.08	31.87	19.92	2.98	2	109	0.254	W
S2A	20200302	Cloudy	Moderate	Mid-Flood	M	4.75	10:59	8.86	8.02	32.21	19.92	2.52	2	111	0.239	NW
S2A	20200302	Cloudy	Moderate	Mid-Flood	M	4.75	10:59	9.36	8.1	32.16	19.98	2.72	3	110	0.226	W
S2A	20200302	Cloudy	Moderate	Mid-Flood	S	1	11:00	8.32	8.28	32.25	19.96	2.31	2	110	0.235	NW
S2A	20200302	Cloudy	Moderate	Mid-Flood	S	1	11:00	8.7	8.09	31.85	19.96	2.62	3	110	0.221	W
S3	20200302	Cloudy	Moderate	Mid-Flood	B	9.1	9:17	9.33	8.28	32.18	20.07	3.23	5	111	0.268	W
S3	20200302	Cloudy	Moderate	Mid-Flood	B	9.1	9:17	9.14	8.03	32.07	19.96	3.05	5	110	0.244	W
S3	20200302	Cloudy	Moderate	Mid-Flood	M	5.05	9:18	8.52	8.16	32.02	19.95	2.96	3	110	0.263	W
S3	20200302	Cloudy	Moderate	Mid-Flood	M	5.05	9:18	8.95	8.24	31.92	20.01	2.77	4	110	0.205	W
S3	20200302	Cloudy	Moderate	Mid-Flood	S	1	9:19	8.83	8.17	31.91	19.94	2.39	3	111	0.226	W
S3	20200302	Cloudy	Moderate	Mid-Flood	S	1	9:19	9.15	8.21	32.12	19.91	2.83	3	111	0.259	W
B1	20200302	Cloudy	Moderate	Mid-Ebb	B	4.2	14:04	8.61	8.28	32.07	20.24	3.02	5	111	0.239	SE
B1	20200302	Cloudy	Moderate	Mid-Ebb	B	4.2	14:04	8.6	8.11	32.02	20.22	2.76	5	110	0.24	SE
B1	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:05	8.53	8.11	32.08	20.12	2.69	4	111	0.149	SE
B1	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:05	9.06	8.01	32.19	20.08	2.5	4	110	0.211	SE
B2	20200302	Cloudy	Moderate	Mid-Ebb	B	4.3	13:47	8.88	8.12	31.98	19.99	3.17	3	111	0.22	E
B2	20200302	Cloudy	Moderate	Mid-Ebb	B	4.3	13:47	9.21	8.11	32.12	20.04	2.97	2	110	0.162	E
B2	20200302	Cloudy	Moderate	Mid-Ebb	S	1	13:48	8.75	8.1	31.88	19.99	2.5	5	111	0.156	SE
B2	20200302	Cloudy	Moderate	Mid-Ebb	S	1	13:48	8.41	8.04	31.93	20.14	2.45	6	112	0.176	SE
B3	20200302	Cloudy	Moderate	Mid-Ebb	B	4.1	14:31	8.84	7.99	32.18	20.14	3.03	4	112	0.206	SE
B3	20200302	Cloudy	Moderate	Mid-Ebb	B	4.1	14:31	8.67	8.13	32.16	20.31	3.11	4	112	0.224	SE

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B3	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:32	8.93	8.22	31.88	20.29	2.75	3	109	0.221	SE
B3	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:32	9.16	8.22	31.84	20.2	2.22	3	111	0.225	SE
B4	20200302	Cloudy	Moderate	Mid-Ebb	B	4.1	14:38	8.6	8.28	31.92	20.32	2.91	6	111	0.19	SE
B4	20200302	Cloudy	Moderate	Mid-Ebb	B	4.1	14:38	8.46	8.07	32.07	20.18	2.91	6	110	0.224	SE
B4	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:39	8.54	8.11	31.94	20.24	2.52	6	111	0.15	SE
B4	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:39	8.5	8.03	31.8	20.33	2.68	5	111	0.155	SE
C1A	20200302	Cloudy	Moderate	Mid-Ebb	B	9.4	13:46	8.57	8.2	31.89	20.11	3.11	4	109	0.147	E
C1A	20200302	Cloudy	Moderate	Mid-Ebb	B	9.4	13:46	9.28	8.25	32.15	20.18	3.15	4	111	0.171	SE
C1A	20200302	Cloudy	Moderate	Mid-Ebb	M	5.2	13:47	8.82	8.28	32.05	20.2	2.3	5	111	0.174	E
C1A	20200302	Cloudy	Moderate	Mid-Ebb	M	5.2	13:47	8.92	8.17	32.15	20.18	2.5	5	110	0.231	E
C1A	20200302	Cloudy	Moderate	Mid-Ebb	S	1	13:48	8.81	8.07	32.12	20.16	2.53	5	111	0.152	SE
C1A	20200302	Cloudy	Moderate	Mid-Ebb	S	1	13:48	9.03	8.25	32.03	20.16	2.32	5	111	0.248	SE
C2A	20200302	Cloudy	Moderate	Mid-Ebb	B	10.4	15:18	8.54	8.06	32.18	20.22	3.1	4	112	0.224	SE
C2A	20200302	Cloudy	Moderate	Mid-Ebb	B	10.4	15:18	8.76	8.13	32.01	20.26	2.78	5	109	0.191	SE
C2A	20200302	Cloudy	Moderate	Mid-Ebb	M	5.7	15:19	8.87	8.13	32.16	20.16	2.29	4	109	0.176	E
C2A	20200302	Cloudy	Moderate	Mid-Ebb	M	5.7	15:19	8.51	8.01	32.05	20.21	2.31	3	109	0.246	SE
C2A	20200302	Cloudy	Moderate	Mid-Ebb	S	1	15:20	8.71	8.15	32.16	20.22	2.14	3	110	0.233	SE
C2A	20200302	Cloudy	Moderate	Mid-Ebb	S	1	15:20	8.75	8.19	32.2	20.19	2.52	4	111	0.185	E
CR1	20200302	Cloudy	Moderate	Mid-Ebb	B	11.7	14:53	9.16	8.24	32.09	20.13	3.04	7	111	0.161	SE
CR1	20200302	Cloudy	Moderate	Mid-Ebb	B	11.7	14:53	8.67	8.23	32.2	20.28	3.15	6	111	0.158	E
CR1	20200302	Cloudy	Moderate	Mid-Ebb	M	6.35	14:54	8.46	8	31.95	20.29	2.54	3	109	0.244	E
CR1	20200302	Cloudy	Moderate	Mid-Ebb	M	6.35	14:54	8.43	8.06	31.96	20.2	2.66	4	110	0.206	E
CR1	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:55	9.05	8.24	32.11	20.19	2.69	3	110	0.197	SE
CR1	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:55	8.99	8.09	31.82	20.29	2.18	3	111	0.244	SE
CR2	20200302	Cloudy	Moderate	Mid-Ebb	B	11.2	14:33	8.48	8.13	32.03	20.32	2.95	4	112	0.245	E
CR2	20200302	Cloudy	Moderate	Mid-Ebb	B	11.2	14:33	8.85	8.05	32.16	20.12	3	5	112	0.195	SE
CR2	20200302	Cloudy	Moderate	Mid-Ebb	M	6.1	14:34	8.74	8.26	32.13	20.25	2.21	5	112	0.155	E
CR2	20200302	Cloudy	Moderate	Mid-Ebb	M	6.1	14:34	9.23	8.27	32.2	20.15	2.42	4	111	0.164	SE

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CR2	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:35	9.12	8.11	32.14	20.18	2.49	4	112	0.173	E
CR2	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:35	8.63	8	31.99	20.31	2.55	4	112	0.22	SE
F1A	20200302	Cloudy	Moderate	Mid-Ebb	B	8	15:00	8.63	8.06	31.97	20.18	2.67	3	110	0.206	SE
F1A	20200302	Cloudy	Moderate	Mid-Ebb	B	8	15:00	8.43	8.17	31.88	20.32	3.08	4	110	0.152	SE
F1A	20200302	Cloudy	Moderate	Mid-Ebb	M	4.5	15:01	9.29	8.17	32.09	20.13	2.46	4	111	0.174	E
F1A	20200302	Cloudy	Moderate	Mid-Ebb	M	4.5	15:01	8.88	8.05	31.85	20.28	2.48	3	112	0.215	SE
F1A	20200302	Cloudy	Moderate	Mid-Ebb	S	1	15:02	8.45	8	32.19	20.28	2.48	4	111	0.175	SE
F1A	20200302	Cloudy	Moderate	Mid-Ebb	S	1	15:02	8.84	8.26	31.9	20.32	2.5	5	110	0.212	SE
H1	20200302	Cloudy	Moderate	Mid-Ebb	B	7.6	14:16	8.5	8.02	31.99	20.04	2.79	6	110	0.212	SE
H1	20200302	Cloudy	Moderate	Mid-Ebb	B	7.6	14:16	9.15	8.25	32.09	20.14	2.92	6	109	0.165	SE
H1	20200302	Cloudy	Moderate	Mid-Ebb	M	4.3	14:17	8.99	8.22	31.97	20.11	2.44	4	110	0.222	E
H1	20200302	Cloudy	Moderate	Mid-Ebb	M	4.3	14:17	8.45	8.14	31.82	20.04	2.44	4	112	0.205	SE
H1	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:18	8.94	8	32.07	20.06	2.48	4	111	0.215	SE
H1	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:18	9.19	8.08	31.96	20.06	2.67	4	109	0.208	E
M1	20200302	Cloudy	Moderate	Mid-Ebb	B	8.9	15:20	8.79	8.12	31.95	20.23	2.94	6	108	0.208	E
M1	20200302	Cloudy	Moderate	Mid-Ebb	B	8.9	15:20	8.61	8.19	32	20.23	3.13	6	110	0.158	SE
M1	20200302	Cloudy	Moderate	Mid-Ebb	M	4.95	15:21	8.46	8.18	32.14	20.24	2.54	4	109	0.204	SE
M1	20200302	Cloudy	Moderate	Mid-Ebb	M	4.95	15:21	8.6	8.25	32.14	20.08	2.16	5	112	0.177	E
M1	20200302	Cloudy	Moderate	Mid-Ebb	S	1	15:22	8.8	8.19	32.15	20.19	2.45	4	111	0.238	E
M1	20200302	Cloudy	Moderate	Mid-Ebb	S	1	15:22	9.02	8.05	31.89	20.21	2.69	4	110	0.183	E
S1	20200302	Cloudy	Moderate	Mid-Ebb	B	4.3	13:56	8.98	8.22	31.8	20.23	3.09	2	111	0.247	E
S1	20200302	Cloudy	Moderate	Mid-Ebb	B	4.3	13:56	8.81	8	32.1	20.26	3.23	3	112	0.15	E
S1	20200302	Cloudy	Moderate	Mid-Ebb	S	1	13:57	8.69	8	31.81	20.05	2.29	2	110	0.193	SE
S1	20200302	Cloudy	Moderate	Mid-Ebb	S	1	13:57	8.64	8.2	31.85	20.16	2.64	2	111	0.244	E
S2A	20200302	Cloudy	Moderate	Mid-Ebb	B	8.4	14:17	9.03	8.05	32.19	20.24	2.8	2	110	0.205	SE
S2A	20200302	Cloudy	Moderate	Mid-Ebb	B	8.4	14:17	8.59	8.18	31.87	20.15	3	2	111	0.208	SE
S2A	20200302	Cloudy	Moderate	Mid-Ebb	M	4.7	14:18	8.81	8.16	31.92	20.19	2.29	3	112	0.24	E
S2A	20200302	Cloudy	Moderate	Mid-Ebb	M	4.7	14:18	9.28	8.18	32.13	20.06	2.21	3	111	0.209	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:19	9.14	8.06	32.04	20.21	2.45	3	111	0.166	E
S2A	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:19	8.45	8.1	32.14	20.21	2.12	3	111	0.218	SE
S3	20200302	Cloudy	Moderate	Mid-Ebb	B	8.9	14:41	9.18	8.19	32.12	20.25	3.21	<2	110	0.203	SE
S3	20200302	Cloudy	Moderate	Mid-Ebb	B	8.9	14:41	8.87	8.07	32.08	20.28	3.21	<2	109	0.149	E
S3	20200302	Cloudy	Moderate	Mid-Ebb	M	4.95	14:42	8.79	8.22	31.92	20.21	2.45	2	112	0.154	E
S3	20200302	Cloudy	Moderate	Mid-Ebb	M	4.95	14:42	9.16	7.99	31.97	20.27	2.53	2	110	0.201	E
S3	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:43	9.25	7.99	32.02	20.15	2.2	4	111	0.199	E
S3	20200302	Cloudy	Moderate	Mid-Ebb	S	1	14:43	8.85	8.18	31.94	20.27	2.48	3	109	0.203	E
B1	20200304	Cloudy	Moderate	Mid-Ebb	B	3.6	10:44	8.91	8.08	31.35	19.42	3.32	4	111	0.177	SE
B1	20200304	Cloudy	Moderate	Mid-Ebb	B	3.6	10:44	9.07	8.06	31.37	19.33	2.98	4	111	0.231	E
B1	20200304	Cloudy	Moderate	Mid-Ebb	S	1	10:45	8.9	8.06	31.72	19.43	2.39	2	110	0.218	SE
B1	20200304	Cloudy	Moderate	Mid-Ebb	S	1	10:45	9.07	8.1	31.73	19.51	2.89	4	112	0.157	SE
B2	20200304	Cloudy	Moderate	Mid-Ebb	B	4.1	11:59	9.17	7.99	31.86	20.1	3.14	3	111	0.199	SE
B2	20200304	Cloudy	Moderate	Mid-Ebb	B	4.1	11:59	8.6	8	31.31	20.1	3.39	4	112	0.216	SE
B2	20200304	Cloudy	Moderate	Mid-Ebb	S	1	12:00	8.96	8.15	31.85	20.01	2.45	3	111	0.205	SE
B2	20200304	Cloudy	Moderate	Mid-Ebb	S	1	12:00	9.17	8.09	31.76	20	2.5	3	110	0.192	SE
B3	20200304	Cloudy	Moderate	Mid-Ebb	B	4.5	10:19	8.53	8.2	31.57	19.32	3.03	5	111	0.178	SE
B3	20200304	Cloudy	Moderate	Mid-Ebb	B	4.5	10:19	8.73	7.96	31.89	19.31	3.24	4	110	0.164	SE
B3	20200304	Cloudy	Moderate	Mid-Ebb	S	1	10:20	9.79	7.99	31.81	19.46	2.7	3	112	0.178	E
B3	20200304	Cloudy	Moderate	Mid-Ebb	S	1	10:20	8.91	8.17	31.38	19.4	2.73	3	112	0.154	E
B4	20200304	Cloudy	Moderate	Mid-Ebb	B	3.5	10:12	10.07	8.09	31.62	19.36	3.11	5	112	0.232	SE
B4	20200304	Cloudy	Moderate	Mid-Ebb	B	3.5	10:12	9.43	8.13	31.47	19.37	3.03	6	111	0.151	SE
B4	20200304	Cloudy	Moderate	Mid-Ebb	S	1	10:13	9.25	8.18	31.35	19.38	2.93	5	111	0.177	SE
B4	20200304	Cloudy	Moderate	Mid-Ebb	S	1	10:13	9.14	8.23	31.85	19.34	2.84	4	111	0.22	E
C1A	20200304	Cloudy	Moderate	Mid-Ebb	B	9.7	8:30	9.13	8.13	31.48	19.22	3	3	112	0.212	SE
C1A	20200304	Cloudy	Moderate	Mid-Ebb	B	9.7	8:30	9.12	8.03	31.87	19.27	3.11	4	113	0.164	E
C1A	20200304	Cloudy	Moderate	Mid-Ebb	M	5.35	8:31	9.81	7.98	31.88	19.36	2.89	4	111	0.194	SE
C1A	20200304	Cloudy	Moderate	Mid-Ebb	M	5.35	8:31	9.17	7.97	31.52	19.23	2.5	5	112	0.163	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
C1A	20200304	Cloudy	Moderate	Mid-Ebb	S	1	8:32	9.7	8.15	31.55	19.34	2.34	5	111	0.169	SE
C1A	20200304	Cloudy	Moderate	Mid-Ebb	S	1	8:32	9.35	8.17	31.3	19.21	2.32	4	112	0.186	SE
C2A	20200304	Cloudy	Moderate	Mid-Ebb	B	10.8	10:08	9.52	8.15	31.49	19.52	3.07	6	112	0.186	SE
C2A	20200304	Cloudy	Moderate	Mid-Ebb	B	10.8	10:08	8.62	8.22	31.31	19.53	2.97	5	112	0.16	E
C2A	20200304	Cloudy	Moderate	Mid-Ebb	M	5.9	10:09	9.02	8.15	31.53	19.44	2.56	5	112	0.228	E
C2A	20200304	Cloudy	Moderate	Mid-Ebb	M	5.9	10:09	8.71	8.02	31.77	19.3	2.57	6	111	0.156	SE
C2A	20200304	Cloudy	Moderate	Mid-Ebb	S	1	10:10	8.55	8.1	31.69	19.45	2.84	5	111	0.232	SE
C2A	20200304	Cloudy	Moderate	Mid-Ebb	S	1	10:10	8.63	8.1	31.48	19.52	2.83	4	112	0.152	E
CR1	20200304	Cloudy	Moderate	Mid-Ebb	B	12	9:45	9.08	7.96	31.34	19.41	2.89	3	112	0.216	E
CR1	20200304	Cloudy	Moderate	Mid-Ebb	B	12	9:45	8.75	8.12	31.65	19.48	3.14	4	112	0.21	SE
CR1	20200304	Cloudy	Moderate	Mid-Ebb	M	6.5	9:46	8.57	8.07	31.76	19.43	2.77	4	112	0.188	SE
CR1	20200304	Cloudy	Moderate	Mid-Ebb	M	6.5	9:46	9.97	8.08	31.73	19.42	2.39	3	113	0.161	SE
CR1	20200304	Cloudy	Moderate	Mid-Ebb	S	1	9:47	9.42	7.97	31.78	19.26	2.82	3	113	0.181	E
CR1	20200304	Cloudy	Moderate	Mid-Ebb	S	1	9:47	10.09	8.19	31.46	19.27	2.87	4	111	0.187	E
CR2	20200304	Cloudy	Moderate	Mid-Ebb	B	10.1	9:18	9.96	8.21	31.44	19.23	3.42	4	111	0.186	E
CR2	20200304	Cloudy	Moderate	Mid-Ebb	B	10.1	9:18	8.76	7.96	31.52	19.38	2.99	5	112	0.221	SE
CR2	20200304	Cloudy	Moderate	Mid-Ebb	M	5.55	9:19	8.72	8.07	31.7	19.34	2.59	4	113	0.213	SE
CR2	20200304	Cloudy	Moderate	Mid-Ebb	M	5.55	9:19	8.74	8.16	31.41	19.21	2.92	5	111	0.159	SE
CR2	20200304	Cloudy	Moderate	Mid-Ebb	S	1	9:20	10.01	8.2	31.39	19.23	2.54	7	112	0.157	SE
CR2	20200304	Cloudy	Moderate	Mid-Ebb	S	1	9:20	8.73	8.09	31.59	19.3	2.4	6	113	0.189	SE
F1A	20200304	Cloudy	Moderate	Mid-Ebb	B	7.2	9:50	9.36	8.17	31.41	19.49	2.95	3	112	0.229	SE
F1A	20200304	Cloudy	Moderate	Mid-Ebb	B	7.2	9:50	9.22	8.12	31.54	19.44	3.06	4	113	0.228	SE
F1A	20200304	Cloudy	Moderate	Mid-Ebb	M	4.1	9:51	8.83	8.08	31.82	19.42	2.82	5	111	0.187	SE
F1A	20200304	Cloudy	Moderate	Mid-Ebb	M	4.1	9:51	10.02	8.11	31.89	19.26	2.61	4	112	0.155	SE
F1A	20200304	Cloudy	Moderate	Mid-Ebb	S	1	9:52	9.04	8.03	31.68	19.3	2.73	5	112	0.198	E
F1A	20200304	Cloudy	Moderate	Mid-Ebb	S	1	9:52	9	7.98	31.57	19.47	2.34	4	111	0.214	SE
H1	20200304	Cloudy	Moderate	Mid-Ebb	B	7.3	8:58	9.98	8.13	31.47	19.26	2.91	6	112	0.183	E
H1	20200304	Cloudy	Moderate	Mid-Ebb	B	7.3	8:58	9.32	8.14	31.83	19.36	2.94	7	111	0.181	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	20200304	Cloudy	Moderate	Mid-Ebb	M	4.15	8:59	8.55	8.07	31.47	19.4	2.81	5	111	0.183	SE
H1	20200304	Cloudy	Moderate	Mid-Ebb	M	4.15	8:59	8.74	8.2	31.72	19.26	2.53	5	112	0.147	SE
H1	20200304	Cloudy	Moderate	Mid-Ebb	S	1	9:00	9.77	8.05	31.63	19.22	2.46	3	111	0.213	SE
H1	20200304	Cloudy	Moderate	Mid-Ebb	S	1	9:00	9.36	8.22	31.39	19.35	2.31	4	111	0.176	SE
M1	20200304	Cloudy	Moderate	Mid-Ebb	B	7.7	9:26	8.8	8.23	31.37	19.38	3.22	4	113	0.147	SE
M1	20200304	Cloudy	Moderate	Mid-Ebb	B	7.7	9:26	8.56	8.19	31.58	19.24	3.14	4	112	0.203	E
M1	20200304	Cloudy	Moderate	Mid-Ebb	M	4.35	9:27	9.18	7.98	31.88	19.28	2.52	5	112	0.195	E
M1	20200304	Cloudy	Moderate	Mid-Ebb	M	4.35	9:27	9.34	8.13	31.7	19.33	2.84	6	111	0.229	SE
M1	20200304	Cloudy	Moderate	Mid-Ebb	S	1	9:28	9.02	7.98	31.76	19.28	2.63	5	112	0.211	SE
M1	20200304	Cloudy	Moderate	Mid-Ebb	S	1	9:28	8.58	8.18	31.55	19.21	2.57	6	112	0.184	SE
S1	20200304	Cloudy	Moderate	Mid-Ebb	B	4.3	12:09	9.22	8.18	31.55	20.06	3.15	6	112	0.172	SE
S1	20200304	Cloudy	Moderate	Mid-Ebb	B	4.3	12:09	10.01	8.05	31.7	19.97	3.36	4	114	0.171	E
S1	20200304	Cloudy	Moderate	Mid-Ebb	S	1	12:10	9.35	8.13	31.38	20.18	2.31	5	111	0.205	SE
S1	20200304	Cloudy	Moderate	Mid-Ebb	S	1	12:10	8.55	8.2	31.76	20.05	2.75	4	111	0.148	SE
S2A	20200304	Cloudy	Moderate	Mid-Ebb	B	8.4	10:32	10.01	8.08	31.74	19.36	2.87	4	113	0.149	E
S2A	20200304	Cloudy	Moderate	Mid-Ebb	B	8.4	10:32	8.82	7.96	31.35	19.44	3.14	4	111	0.174	SE
S2A	20200304	Cloudy	Moderate	Mid-Ebb	M	4.7	10:33	8.68	8.17	31.49	19.48	2.61	3	111	0.174	SE
S2A	20200304	Cloudy	Moderate	Mid-Ebb	M	4.7	10:33	8.93	8.08	31.75	19.39	2.47	4	112	0.178	SE
S2A	20200304	Cloudy	Moderate	Mid-Ebb	S	1	10:34	9.11	8.08	31.68	19.29	2.46	4	112	0.159	E
S2A	20200304	Cloudy	Moderate	Mid-Ebb	S	1	10:34	8.54	8.02	31.45	19.3	2.36	3	111	0.209	SE
S3	20200304	Cloudy	Moderate	Mid-Ebb	B	10.6	9:30	9.76	7.96	31.75	19.26	2.94	4	111	0.229	SE
S3	20200304	Cloudy	Moderate	Mid-Ebb	B	10.6	9:30	9.32	8.24	31.77	19.28	3.39	3	113	0.226	E
S3	20200304	Cloudy	Moderate	Mid-Ebb	M	5.8	9:31	9.66	8.14	31.36	19.49	2.68	4	111	0.205	E
S3	20200304	Cloudy	Moderate	Mid-Ebb	M	5.8	9:31	8.88	8	31.33	19.26	2.44	4	112	0.174	SE
S3	20200304	Cloudy	Moderate	Mid-Ebb	S	1	9:32	9.04	8.07	31.39	19.37	2.48	5	109	0.19	SE
S3	20200304	Cloudy	Moderate	Mid-Ebb	S	1	9:32	9.16	8.25	31.86	19.49	2.64	5	111	0.18	SE
B1	20200304	Cloudy	Moderate	Mid-Flood	B	4.5	17:05	9.7	8.23	31.45	19.34	2.94	3	110	0.174	W
B1	20200304	Cloudy	Moderate	Mid-Flood	B	4.5	17:05	9.06	8.1	31.44	19.51	3.47	2	109	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
B1	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:06	9.01	8.15	31.52	19.45	2.39	3	111	0.21	W
B1	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:06	9.81	8.03	31.62	19.29	2.85	4	112	0.209	W
B2	20200304	Cloudy	Moderate	Mid-Flood	B	3.4	17:29	8.86	8.01	31.46	19.42	3.17	3	111	0.163	W
B2	20200304	Cloudy	Moderate	Mid-Flood	B	3.4	17:29	8.86	8.16	31.84	19.32	3.22	3	112	0.186	W
B2	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:30	8.66	8.27	31.82	19.21	2.8	4	111	0.201	W
B2	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:30	9.31	8.25	31.63	19.26	2.46	5	112	0.16	W
B3	20200304	Cloudy	Moderate	Mid-Flood	B	3.3	16:54	8.77	8.1	31.89	19.51	3.17	3	110	0.205	NW
B3	20200304	Cloudy	Moderate	Mid-Flood	B	3.3	16:54	9.32	8.03	31.58	19.55	3.47	4	111	0.165	NW
B3	20200304	Cloudy	Moderate	Mid-Flood	S	1	16:55	9.22	8.1	31.86	19.43	2.45	3	111	0.186	W
B3	20200304	Cloudy	Moderate	Mid-Flood	S	1	16:55	8.64	8.2	31.95	19.31	2.47	3	112	0.198	W
B4	20200304	Cloudy	Moderate	Mid-Flood	B	4	17:01	8.84	8.18	31.94	19.32	3.05	2	111	0.204	W
B4	20200304	Cloudy	Moderate	Mid-Flood	B	4	17:01	9.5	8.12	31.94	19.49	3.29	3	110	0.193	NW
B4	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:02	9.18	8.21	31.63	19.47	2.74	3	112	0.151	W
B4	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:02	9.79	8.11	31.74	19.27	2.82	4	112	0.21	W
C1A	20200304	Cloudy	Moderate	Mid-Flood	B	10.3	16:35	9.84	8.11	31.56	19.53	2.92	2	110	0.202	W
C1A	20200304	Cloudy	Moderate	Mid-Flood	B	10.3	16:35	9.64	8.03	31.62	19.47	3.12	2	110	0.169	W
C1A	20200304	Cloudy	Moderate	Mid-Flood	M	5.65	16:36	9.53	8.17	31.84	19.34	2.58	2	111	0.165	W
C1A	20200304	Cloudy	Moderate	Mid-Flood	M	5.65	16:36	9.12	8.04	31.6	19.33	3.09	2	110	0.173	NW
C1A	20200304	Cloudy	Moderate	Mid-Flood	S	1	16:37	9.73	8.06	31.83	19.54	2.36	2	112	0.21	W
C1A	20200304	Cloudy	Moderate	Mid-Flood	S	1	16:37	8.9	8.26	31.56	19.53	2.85	3	111	0.195	W
C2A	20200304	Cloudy	Moderate	Mid-Flood	B	10.1	16:35	8.99	8.02	31.57	19.42	3.1	3	110	0.228	W
C2A	20200304	Cloudy	Moderate	Mid-Flood	B	10.1	16:35	8.64	8.03	31.63	19.41	2.99	3	110	0.219	NW
C2A	20200304	Cloudy	Moderate	Mid-Flood	M	5.55	16:36	8.73	8.13	31.84	19.33	2.55	3	111	0.162	W
C2A	20200304	Cloudy	Moderate	Mid-Flood	M	5.55	16:36	9.8	8.07	31.74	19.5	2.69	3	111	0.186	W
C2A	20200304	Cloudy	Moderate	Mid-Flood	S	1	16:37	9.33	8.04	31.74	19.55	2.86	2	110	0.203	W
C2A	20200304	Cloudy	Moderate	Mid-Flood	S	1	16:37	9.04	8.14	31.78	19.49	2.94	2	111	0.202	W
CR1	20200304	Cloudy	Moderate	Mid-Flood	B	11.6	18:32	9.43	8.13	31.63	19.24	2.88	2	109	0.222	W
CR1	20200304	Cloudy	Moderate	Mid-Flood	B	11.6	18:32	8.72	8.2	31.88	19.41	3.07	2	110	0.213	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	20200304	Cloudy	Moderate	Mid-Flood	M	6.3	18:33	9.59	8.24	31.89	19.18	3	3	111	0.217	NW
CR1	20200304	Cloudy	Moderate	Mid-Flood	M	6.3	18:33	9.14	8.24	31.66	19.37	2.91	2	108	0.169	W
CR1	20200304	Cloudy	Moderate	Mid-Flood	S	1	18:34	9.73	8.21	31.71	19.18	2.91	4	109	0.227	W
CR1	20200304	Cloudy	Moderate	Mid-Flood	S	1	18:34	8.8	8.06	31.49	19.39	2.9	4	111	0.208	W
CR2	20200304	Cloudy	Moderate	Mid-Flood	B	10.1	18:10	9.69	8.23	31.65	19.23	2.95	4	111	0.183	W
CR2	20200304	Cloudy	Moderate	Mid-Flood	B	10.1	18:10	8.98	8.13	31.66	19.32	2.99	4	111	0.218	NW
CR2	20200304	Cloudy	Moderate	Mid-Flood	M	5.55	18:11	9.14	8.08	31.6	19.36	2.95	4	110	0.221	W
CR2	20200304	Cloudy	Moderate	Mid-Flood	M	5.55	18:11	8.9	8.06	31.68	19.2	2.94	3	110	0.2	W
CR2	20200304	Cloudy	Moderate	Mid-Flood	S	1	18:12	8.59	8.21	31.47	19.25	2.78	4	111	0.168	W
CR2	20200304	Cloudy	Moderate	Mid-Flood	S	1	18:12	9.78	8.28	31.94	19.4	2.77	3	111	0.202	W
F1A	20200304	Cloudy	Moderate	Mid-Flood	B	7	17:20	8.99	8.04	31.88	19.48	3.2	2	110	0.23	W
F1A	20200304	Cloudy	Moderate	Mid-Flood	B	7	17:20	9.25	8.2	31.49	19.42	3.47	2	112	0.161	W
F1A	20200304	Cloudy	Moderate	Mid-Flood	M	4	17:21	9	8.05	31.86	19.31	2.57	2	110	0.231	W
F1A	20200304	Cloudy	Moderate	Mid-Flood	M	4	17:21	9.01	8.27	31.56	19.45	2.92	2	110	0.15	NW
F1A	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:22	9.48	8.21	31.79	19.24	2.35	3	111	0.202	W
F1A	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:22	9.52	8.01	31.65	19.46	2.35	2	110	0.223	NW
H1	20200304	Cloudy	Moderate	Mid-Flood	B	6.7	16:47	8.6	8.03	31.63	19.32	2.94	3	110	0.195	W
H1	20200304	Cloudy	Moderate	Mid-Flood	B	6.7	16:47	9.11	8.02	31.61	19.4	3.01	2	111	0.173	NW
H1	20200304	Cloudy	Moderate	Mid-Flood	M	3.85	16:48	9.11	8.21	31.78	19.47	2.55	3	111	0.167	W
H1	20200304	Cloudy	Moderate	Mid-Flood	M	3.85	16:48	9.22	8.1	31.61	19.38	2.63	2	111	0.192	W
H1	20200304	Cloudy	Moderate	Mid-Flood	S	1	16:49	9.21	8.15	31.42	19.46	2.9	2	111	0.188	W
H1	20200304	Cloudy	Moderate	Mid-Flood	S	1	16:49	9.21	8.17	31.67	19.33	2.82	3	111	0.161	W
M1	20200304	Cloudy	Moderate	Mid-Flood	B	7.3	17:38	9.83	8.24	31.91	19.22	3.15	4	112	0.208	W
M1	20200304	Cloudy	Moderate	Mid-Flood	B	7.3	17:38	8.89	8.16	31.47	19.45	2.96	5	110	0.204	W
M1	20200304	Cloudy	Moderate	Mid-Flood	M	4.15	17:39	8.82	8.04	31.65	19.35	2.56	4	110	0.207	W
M1	20200304	Cloudy	Moderate	Mid-Flood	M	4.15	17:39	9.81	8.13	31.92	19.21	2.71	5	111	0.21	W
M1	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:40	9.34	8.08	31.47	19.42	2.85	3	111	0.218	W
M1	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:40	8.78	8.26	31.7	19.32	2.72	4	110	0.194	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	20200304	Cloudy	Moderate	Mid-Flood	B	4.6	17:19	9.03	8.14	31.55	19.48	3.38	6	110	0.226	W
S1	20200304	Cloudy	Moderate	Mid-Flood	B	4.6	17:19	8.99	8.25	31.49	19.35	3.45	5	110	0.187	NW
S1	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:20	9.71	8.05	31.92	19.3	2.55	4	111	0.221	NW
S1	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:20	9.35	8.17	31.72	19.44	2.42	4	111	0.204	W
S2A	20200304	Cloudy	Moderate	Mid-Flood	B	8.4	17:49	9.68	8.1	31.43	19.28	3.25	3	110	0.222	W
S2A	20200304	Cloudy	Moderate	Mid-Flood	B	8.4	17:49	8.57	8.27	31.65	19.29	3.26	4	112	0.181	W
S2A	20200304	Cloudy	Moderate	Mid-Flood	M	4.7	17:50	8.86	8.27	31.73	19.25	2.82	3	111	0.165	W
S2A	20200304	Cloudy	Moderate	Mid-Flood	M	4.7	17:50	9.08	8.02	31.82	19.45	2.71	3	111	0.211	NW
S2A	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:51	8.96	8.04	31.75	19.35	2.64	3	110	0.229	W
S2A	20200304	Cloudy	Moderate	Mid-Flood	S	1	17:51	9.19	8.2	31.76	19.28	2.46	3	112	0.214	NW
S3	20200304	Cloudy	Moderate	Mid-Flood	B	8.8	18:20	8.84	8.11	31.95	19.3	3.18	4	111	0.154	W
S3	20200304	Cloudy	Moderate	Mid-Flood	B	8.8	18:20	9.34	8.06	31.92	19.26	3.44	3	109	0.227	W
S3	20200304	Cloudy	Moderate	Mid-Flood	M	4.9	18:21	8.93	8.04	31.9	19.41	2.87	3	110	0.18	W
S3	20200304	Cloudy	Moderate	Mid-Flood	M	4.9	18:21	9.13	8	31.76	19.35	2.8	3	111	0.184	W
S3	20200304	Cloudy	Moderate	Mid-Flood	S	1	18:22	9.68	8.1	31.89	19.23	2.69	3	112	0.172	W
S3	20200304	Cloudy	Moderate	Mid-Flood	S	1	18:22	8.82	8.15	31.86	19.4	2.67	2	110	0.227	W
B1	20200306	Cloudy	Moderate	Mid-Ebb	B	4.1	10:19	9.29	8.25	31.38	18.54	2.92	5	114	0.157	SE
B1	20200306	Cloudy	Moderate	Mid-Ebb	B	4.1	10:19	8.5	8.05	31.14	18.46	3.11	5	114	0.16	SE
B1	20200306	Cloudy	Moderate	Mid-Ebb	S	1	10:20	8.93	8.22	31.3	18.4	2.46	4	113	0.162	E
B1	20200306	Cloudy	Moderate	Mid-Ebb	S	1	10:20	8.45	8.16	31.03	18.47	2.67	3	112	0.224	E
B2	20200306	Cloudy	Moderate	Mid-Ebb	B	4.8	10:28	8.5	8.18	31.08	18.5	3.1	4	112	0.144	E
B2	20200306	Cloudy	Moderate	Mid-Ebb	B	4.8	10:28	9.43	8.03	31.41	18.53	3.23	4	113	0.226	SE
B2	20200306	Cloudy	Moderate	Mid-Ebb	S	1	10:29	9.4	8.2	31.04	18.53	2.79	4	114	0.193	E
B2	20200306	Cloudy	Moderate	Mid-Ebb	S	1	10:29	8.94	8.19	31.03	18.52	2.53	3	114	0.168	SE
B3	20200306	Cloudy	Moderate	Mid-Ebb	B	4	9:53	8.73	8.17	31.44	18.61	3.22	4	113	0.128	E
B3	20200306	Cloudy	Moderate	Mid-Ebb	B	4	9:53	8.63	8.02	31.36	18.53	3.44	5	112	0.214	SE
B3	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:54	8.72	8.06	31.04	18.39	2.83	6	113	0.209	SE
B3	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:54	8.49	8.07	31.09	18.62	2.91	6	111	0.192	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	20200306	Cloudy	Moderate	Mid-Ebb	B	3.3	9:46	9.34	8.18	31.09	18.6	3.44	5	114	0.141	E
B4	20200306	Cloudy	Moderate	Mid-Ebb	B	3.3	9:46	8.64	8.01	31.29	18.56	3.49	4	112	0.202	E
B4	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:47	8.59	8.04	31.26	18.41	2.37	4	113	0.191	SE
B4	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:47	8.96	8.03	31.09	18.56	2.88	3	113	0.126	SE
C1A	20200306	Cloudy	Moderate	Mid-Ebb	B	10.1	8:00	9.48	8.05	31.11	18.37	3.3	7	113	0.152	E
C1A	20200306	Cloudy	Moderate	Mid-Ebb	B	10.1	8:00	8.24	8.06	31.32	18.47	3.32	7	112	0.211	E
C1A	20200306	Cloudy	Moderate	Mid-Ebb	M	5.55	8:01	9.52	8.05	31.09	18.45	2.57	4	113	0.168	SE
C1A	20200306	Cloudy	Moderate	Mid-Ebb	M	5.55	8:01	8.26	8.02	31.39	18.45	2.5	5	112	0.176	E
C1A	20200306	Cloudy	Moderate	Mid-Ebb	S	1	8:02	8.7	8.13	31.24	18.49	2.69	3	113	0.198	E
C1A	20200306	Cloudy	Moderate	Mid-Ebb	S	1	8:02	9.16	8	31.35	18.34	2.35	4	112	0.187	SE
C2A	20200306	Cloudy	Moderate	Mid-Ebb	B	10.7	9:37	8.99	8	31.03	18.56	3.05	5	114	0.227	E
C2A	20200306	Cloudy	Moderate	Mid-Ebb	B	10.7	9:37	8.58	8.04	31.26	18.58	3.1	6	112	0.219	E
C2A	20200306	Cloudy	Moderate	Mid-Ebb	M	5.85	9:38	8.44	8	31.05	18.34	2.69	5	113	0.185	E
C2A	20200306	Cloudy	Moderate	Mid-Ebb	M	5.85	9:38	9.1	8.02	31.33	18.41	2.81	6	113	0.208	SE
C2A	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:39	9.3	8.1	31.07	18.35	2.34	5	112	0.151	SE
C2A	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:39	8.89	8.06	31.09	18.49	2.5	5	112	0.196	SE
CR1	20200306	Cloudy	Moderate	Mid-Ebb	B	12.6	9:14	9.03	8.17	31.35	18.38	3.28	4	114	0.188	SE
CR1	20200306	Cloudy	Moderate	Mid-Ebb	B	12.6	9:14	9.14	8.09	31.22	18.52	2.87	5	113	0.141	SE
CR1	20200306	Cloudy	Moderate	Mid-Ebb	M	6.8	9:15	8.77	8.01	31.15	18.33	2.91	4	112	0.145	SE
CR1	20200306	Cloudy	Moderate	Mid-Ebb	M	6.8	9:15	9.4	8.02	31.26	18.48	2.78	4	111	0.168	E
CR1	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:16	8.68	8.2	31.14	18.34	2.67	4	113	0.138	SE
CR1	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:16	9.1	8.15	31.47	18.49	2.68	4	112	0.2	E
CR2	20200306	Cloudy	Moderate	Mid-Ebb	B	9.9	8:50	9.2	8.05	31.07	18.59	3.2	3	113	0.134	E
CR2	20200306	Cloudy	Moderate	Mid-Ebb	B	9.9	8:50	8.29	8.16	31.14	18.39	3.37	2	112	0.221	SE
CR2	20200306	Cloudy	Moderate	Mid-Ebb	M	5.45	8:51	9.22	8	31.28	18.56	2.71	4	113	0.141	E
CR2	20200306	Cloudy	Moderate	Mid-Ebb	M	5.45	8:51	9.26	8.19	31.37	18.48	2.6	3	113	0.134	E
CR2	20200306	Cloudy	Moderate	Mid-Ebb	S	1	8:52	8.51	8.12	31.46	18.43	2.32	4	114	0.209	E
CR2	20200306	Cloudy	Moderate	Mid-Ebb	S	1	8:52	8.31	8.16	31.17	18.54	2.54	4	113	0.198	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
F1A	20200306	Cloudy	Moderate	Mid-Ebb	B	7	9:24	9.27	8.01	31	18.39	3.03	6	113	0.172	E
F1A	20200306	Cloudy	Moderate	Mid-Ebb	B	7	9:24	9.41	8.15	31.31	18.39	3.31	7	112	0.185	E
F1A	20200306	Cloudy	Moderate	Mid-Ebb	M	4	9:25	8.51	8.22	31.16	18.37	2.62	6	113	0.167	SE
F1A	20200306	Cloudy	Moderate	Mid-Ebb	M	4	9:25	8.51	8.16	31.29	18.56	2.86	6	110	0.211	E
F1A	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:26	9.13	8.2	31.06	18.39	2.83	6	113	0.209	SE
F1A	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:26	8.65	8.09	31.4	18.34	2.82	5	112	0.229	SE
H1	20200306	Cloudy	Moderate	Mid-Ebb	B	7.6	8:28	9.44	8.16	31.1	18.57	2.86	4	111	0.146	SE
H1	20200306	Cloudy	Moderate	Mid-Ebb	B	7.6	8:28	8.85	8.05	31.49	18.38	3.04	4	112	0.171	E
H1	20200306	Cloudy	Moderate	Mid-Ebb	M	4.3	8:29	8.33	8.16	31.32	18.3	2.46	3	112	0.161	E
H1	20200306	Cloudy	Moderate	Mid-Ebb	M	4.3	8:29	9.48	8.2	31.29	18.36	2.92	4	113	0.228	SE
H1	20200306	Cloudy	Moderate	Mid-Ebb	S	1	8:30	8.56	8.08	31.05	18.4	2.48	3	113	0.221	SE
H1	20200306	Cloudy	Moderate	Mid-Ebb	S	1	8:30	8.27	8.14	31.07	18.58	2.88	4	114	0.141	SE
M1	20200306	Cloudy	Moderate	Mid-Ebb	B	8.5	9:02	8.42	8.15	31.5	18.45	3.17	4	112	0.201	E
M1	20200306	Cloudy	Moderate	Mid-Ebb	B	8.5	9:02	8.39	8.17	31.3	18.58	2.99	4	113	0.174	SE
M1	20200306	Cloudy	Moderate	Mid-Ebb	M	4.75	9:03	9.14	8.02	31.11	18.44	2.92	4	113	0.129	SE
M1	20200306	Cloudy	Moderate	Mid-Ebb	M	4.75	9:03	9.58	8.14	31.19	18.48	2.82	4	112	0.173	SE
M1	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:04	8.48	8.16	31.1	18.48	2.89	2	113	0.128	SE
M1	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:04	9.27	8.17	31.03	18.56	2.57	3	113	0.16	SE
S1	20200306	Cloudy	Moderate	Mid-Ebb	B	3.9	10:28	9.53	8.24	31.02	18.4	2.93	6	111	0.172	SE
S1	20200306	Cloudy	Moderate	Mid-Ebb	B	3.9	10:28	8.68	8	31.46	18.55	3.37	6	111	0.131	SE
S1	20200306	Cloudy	Moderate	Mid-Ebb	S	1	10:29	9.22	8.2	31.46	18.56	2.74	6	112	0.196	SE
S1	20200306	Cloudy	Moderate	Mid-Ebb	S	1	10:29	8.42	8.07	31.34	18.45	2.73	6	112	0.196	E
S2A	20200306	Cloudy	Moderate	Mid-Ebb	B	7.9	10:07	8.7	8.1	31.23	18.53	3.34	4	112	0.171	E
S2A	20200306	Cloudy	Moderate	Mid-Ebb	B	7.9	10:07	8.97	8.23	31.44	18.55	2.98	4	113	0.173	E
S2A	20200306	Cloudy	Moderate	Mid-Ebb	M	4.45	10:08	9.06	8.11	31.11	18.39	2.61	4	112	0.165	SE
S2A	20200306	Cloudy	Moderate	Mid-Ebb	M	4.45	10:08	9.05	8.18	31.39	18.48	2.58	3	112	0.16	E
S2A	20200306	Cloudy	Moderate	Mid-Ebb	S	1	10:09	9.46	8.09	31.31	18.45	2.63	3	112	0.148	SE
S2A	20200306	Cloudy	Moderate	Mid-Ebb	S	1	10:09	8.64	8.24	31.25	18.5	2.58	4	112	0.171	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	20200306	Cloudy	Moderate	Mid-Ebb	B	10	9:00	8.39	7.99	31.32	18.51	3.5	5	112	0.18	E
S3	20200306	Cloudy	Moderate	Mid-Ebb	B	10	9:00	9	8.03	31.18	18.35	3.19	4	113	0.177	E
S3	20200306	Cloudy	Moderate	Mid-Ebb	M	5.5	9:01	8.97	8.05	31.36	18.44	2.55	4	113	0.168	SE
S3	20200306	Cloudy	Moderate	Mid-Ebb	M	5.5	9:01	9.12	8.2	31.32	18.41	2.89	4	113	0.195	E
S3	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:02	8.95	8	31.34	18.54	2.49	4	114	0.197	SE
S3	20200306	Cloudy	Moderate	Mid-Ebb	S	1	9:02	9.13	8.23	31.1	18.57	2.78	4	112	0.186	SE
B1	20200306	Cloudy	Moderate	Mid-Flood	B	3.9	13:11	9.38	8.18	31.37	18.83	3.39	5	114	0.24	NW
B1	20200306	Cloudy	Moderate	Mid-Flood	B	3.9	13:11	8.63	8.14	31.26	18.75	2.97	4	114	0.162	NW
B1	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:12	9.07	8.21	31.35	18.95	2.81	4	112	0.177	W
B1	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:12	9.12	8.08	31.35	18.92	2.84	4	112	0.221	NW
B2	20200306	Cloudy	Moderate	Mid-Flood	B	3.6	12:55	9.15	8.09	31.56	18.84	3.15	5	113	0.129	NW
B2	20200306	Cloudy	Moderate	Mid-Flood	B	3.6	12:55	9.27	8.04	31.24	18.85	2.94	5	113	0.212	W
B2	20200306	Cloudy	Moderate	Mid-Flood	S	1	12:56	8.68	8.21	31.38	18.74	2.37	5	113	0.202	W
B2	20200306	Cloudy	Moderate	Mid-Flood	S	1	12:56	8.36	8.13	31.13	18.91	2.85	4	114	0.176	W
B3	20200306	Cloudy	Moderate	Mid-Flood	B	4	13:37	8.79	8.02	31.29	18.98	3.51	4	114	0.129	NW
B3	20200306	Cloudy	Moderate	Mid-Flood	B	4	13:37	8.56	8.08	31.32	18.92	3.3	4	113	0.148	W
B3	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:38	8.48	8.12	31.14	18.82	2.95	6	112	0.157	W
B3	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:38	9.15	8.11	31.57	18.88	3	5	114	0.24	W
B4	20200306	Cloudy	Moderate	Mid-Flood	B	3.7	13:45	8.9	8.04	31.2	18.88	3.15	6	112	0.152	NW
B4	20200306	Cloudy	Moderate	Mid-Flood	B	3.7	13:45	9.29	8.12	31.31	18.85	3.1	6	114	0.141	NW
B4	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:46	8.99	8.03	31.41	18.81	2.85	4	114	0.179	W
B4	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:46	8.38	8.11	31.59	18.82	2.48	4	113	0.227	W
C1A	20200306	Cloudy	Moderate	Mid-Flood	B	10	13:58	8.74	8.14	31.28	18.95	3	5	113	0.239	W
C1A	20200306	Cloudy	Moderate	Mid-Flood	B	10	13:58	8.33	8.19	31.47	18.79	3.17	5	112	0.19	W
C1A	20200306	Cloudy	Moderate	Mid-Flood	M	5.5	13:59	9.04	8.22	31.28	18.76	2.81	4	114	0.184	W
C1A	20200306	Cloudy	Moderate	Mid-Flood	M	5.5	13:59	9.25	8.01	31.3	18.8	2.93	4	113	0.224	W
C1A	20200306	Cloudy	Moderate	Mid-Flood	S	1	14:00	9.28	8.13	31.14	18.74	2.43	4	113	0.156	W
C1A	20200306	Cloudy	Moderate	Mid-Flood	S	1	14:00	9.36	8.16	31.42	18.78	2.64	4	114	0.19	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
C2A	20200306	Cloudy	Moderate	Mid-Flood	B	10.3	12:51	8.64	8.04	31.34	18.88	2.97	6	112	0.143	W
C2A	20200306	Cloudy	Moderate	Mid-Flood	B	10.3	12:51	8.39	8.03	31.23	18.92	3.09	4	114	0.223	NW
C2A	20200306	Cloudy	Moderate	Mid-Flood	M	5.65	12:52	9.3	8.23	31.18	18.79	2.7	6	111	0.184	W
C2A	20200306	Cloudy	Moderate	Mid-Flood	M	5.65	12:52	8.91	8.13	31.63	18.82	2.81	5	114	0.194	W
C2A	20200306	Cloudy	Moderate	Mid-Flood	S	1	12:53	8.46	8.13	31.32	18.79	2.86	4	113	0.23	W
C2A	20200306	Cloudy	Moderate	Mid-Flood	S	1	12:53	8.93	8.13	31.63	18.76	2.42	5	113	0.191	W
CR1	20200306	Cloudy	Moderate	Mid-Flood	B	11	13:14	8.27	8.01	31.56	18.97	3	3	112	0.165	W
CR1	20200306	Cloudy	Moderate	Mid-Flood	B	11	13:14	9.08	8.16	31.24	18.74	2.99	4	113	0.239	W
CR1	20200306	Cloudy	Moderate	Mid-Flood	M	6	13:15	8.84	8.22	31.24	18.81	2.66	4	113	0.153	W
CR1	20200306	Cloudy	Moderate	Mid-Flood	M	6	13:15	9.28	8.14	31.33	18.76	2.65	5	112	0.208	W
CR1	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:16	8.91	8.13	31.62	18.86	2.64	5	113	0.173	W
CR1	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:16	8.49	8.09	31.44	18.76	2.73	4	113	0.146	W
CR2	20200306	Cloudy	Moderate	Mid-Flood	B	10	13:30	8.28	8.19	31.36	18.86	3.09	6	114	0.192	W
CR2	20200306	Cloudy	Moderate	Mid-Flood	B	10	13:30	9.37	8.03	31.19	18.99	3.34	5	114	0.215	W
CR2	20200306	Cloudy	Moderate	Mid-Flood	M	5.5	13:31	8.86	8.06	31.29	18.92	2.64	5	114	0.142	W
CR2	20200306	Cloudy	Moderate	Mid-Flood	M	5.5	13:31	8.35	8.14	31.44	18.91	3.08	5	114	0.216	NW
CR2	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:32	9.06	8.01	31.31	18.82	2.58	4	113	0.237	W
CR2	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:32	8.96	8.21	31.54	18.91	2.48	4	114	0.211	W
F1A	20200306	Cloudy	Moderate	Mid-Flood	B	6.7	14:08	8.78	8.21	31.56	18.89	3.04	4	113	0.131	W
F1A	20200306	Cloudy	Moderate	Mid-Flood	B	6.7	14:08	8.28	8.02	31.59	18.94	3.4	5	113	0.151	W
F1A	20200306	Cloudy	Moderate	Mid-Flood	M	3.85	14:09	9.35	8.05	31.2	18.76	2.87	4	112	0.131	W
F1A	20200306	Cloudy	Moderate	Mid-Flood	M	3.85	14:09	8.55	8.17	31.54	18.78	2.85	4	113	0.206	W
F1A	20200306	Cloudy	Moderate	Mid-Flood	S	1	14:10	8.58	8.22	31.58	18.81	2.75	4	113	0.217	W
F1A	20200306	Cloudy	Moderate	Mid-Flood	S	1	14:10	9.17	8.07	31.26	18.73	2.42	4	113	0.153	W
H1	20200306	Cloudy	Moderate	Mid-Flood	B	7.5	14:24	8.39	8.13	31.12	18.76	3.25	4	114	0.178	W
H1	20200306	Cloudy	Moderate	Mid-Flood	B	7.5	14:24	8.31	8.11	31.35	18.75	3.18	4	114	0.209	W
H1	20200306	Cloudy	Moderate	Mid-Flood	M	4.25	14:25	8.34	8.21	31.2	18.99	3.1	5	112	0.169	W
H1	20200306	Cloudy	Moderate	Mid-Flood	M	4.25	14:25	9.3	8.23	31.12	18.95	2.95	4	113	0.15	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
H1	20200306	Cloudy	Moderate	Mid-Flood	S	1	14:26	9.33	8.03	31.32	18.78	2.45	6	112	0.192	W
H1	20200306	Cloudy	Moderate	Mid-Flood	S	1	14:26	8.59	8.09	31.26	18.98	2.38	6	113	0.221	W
M1	20200306	Cloudy	Moderate	Mid-Flood	B	6.8	14:30	9.02	8.08	31.17	18.94	3.22	4	113	0.195	W
M1	20200306	Cloudy	Moderate	Mid-Flood	B	6.8	14:30	9	8.2	31.48	18.78	3.43	5	113	0.166	NW
M1	20200306	Cloudy	Moderate	Mid-Flood	M	3.9	14:31	8.88	8.08	31.52	18.8	2.78	4	112	0.175	W
M1	20200306	Cloudy	Moderate	Mid-Flood	M	3.9	14:31	8.5	8.11	31.52	18.97	2.63	4	114	0.199	W
M1	20200306	Cloudy	Moderate	Mid-Flood	S	1	14:32	9.26	8.19	31.64	18.99	2.93	4	113	0.173	W
M1	20200306	Cloudy	Moderate	Mid-Flood	S	1	14:32	8.84	8.06	31.32	18.76	2.85	4	112	0.162	W
S1	20200306	Cloudy	Moderate	Mid-Flood	B	4.6	13:03	8.75	8.06	31.13	18.81	3.42	5	113	0.235	NW
S1	20200306	Cloudy	Moderate	Mid-Flood	B	4.6	13:03	9.23	8.23	31.6	18.88	3.46	6	114	0.187	W
S1	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:04	9.14	8.21	31.52	18.76	2.83	5	113	0.203	W
S1	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:04	9.03	8.01	31.41	18.72	2.43	4	113	0.233	NW
S2A	20200306	Cloudy	Moderate	Mid-Flood	B	8.7	13:24	8.96	8.22	31.13	18.95	3.36	5	113	0.234	W
S2A	20200306	Cloudy	Moderate	Mid-Flood	B	8.7	13:24	9.03	8.23	31.25	18.81	3.04	5	114	0.198	W
S2A	20200306	Cloudy	Moderate	Mid-Flood	M	4.85	13:25	8.63	8.04	31.37	18.79	2.56	5	113	0.151	W
S2A	20200306	Cloudy	Moderate	Mid-Flood	M	4.85	13:25	9.11	8.08	31.2	18.82	2.94	4	113	0.156	W
S2A	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:26	9.07	8.15	31.12	18.97	2.58	4	114	0.231	W
S2A	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:26	8.46	8.18	31.63	18.94	2.44	5	114	0.217	W
S3	20200306	Cloudy	Moderate	Mid-Flood	B	9.8	13:41	9.13	8.16	31.54	18.77	3.15	5	114	0.132	W
S3	20200306	Cloudy	Moderate	Mid-Flood	B	9.8	13:41	8.86	8.08	31.41	18.8	3.45	4	113	0.166	W
S3	20200306	Cloudy	Moderate	Mid-Flood	M	5.4	13:42	9.36	8.03	31.63	18.78	2.97	4	113	0.24	W
S3	20200306	Cloudy	Moderate	Mid-Flood	M	5.4	13:42	8.67	8.22	31.32	18.96	2.89	4	114	0.132	W
S3	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:43	8.88	8.14	31.22	18.82	2.96	4	113	0.153	NW
S3	20200306	Cloudy	Moderate	Mid-Flood	S	1	13:43	8.92	8.02	31.59	18.94	2.83	4	113	0.186	W
B1	20200309	Cloudy	Moderate	Mid-Ebb	B	3.9	13:06	9.34	8.1	31.5	21.29	3.17	6	114	0.204	SE
B1	20200309	Cloudy	Moderate	Mid-Ebb	B	3.9	13:06	8.74	8.1	31.3	21.48	3.21	6	114	0.231	E
B1	20200309	Cloudy	Moderate	Mid-Ebb	S	1	13:07	9.11	8.19	31.33	21.33	2.35	5	114	0.123	SE
B1	20200309	Cloudy	Moderate	Mid-Ebb	S	1	13:07	8.12	8.13	31.2	21.36	2.19	6	114	0.162	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20200309	Cloudy	Moderate	Mid-Ebb	B	4.7	13:25	8.2	8.12	31.34	21.26	2.77	4	115	0.117	SE
B2	20200309	Cloudy	Moderate	Mid-Ebb	B	4.7	13:25	9.33	8.21	31.37	21.47	3.26	3	112	0.133	SE
B2	20200309	Cloudy	Moderate	Mid-Ebb	S	1	13:26	8.47	8.13	31.2	21.49	2.69	7	114	0.129	E
B2	20200309	Cloudy	Moderate	Mid-Ebb	S	1	13:26	8.26	8.05	31.45	21.39	2.46	7	113	0.136	SE
B3	20200309	Cloudy	Moderate	Mid-Ebb	B	4.2	12:37	9.3	8.21	31.56	21.28	2.85	7	113	0.124	SE
B3	20200309	Cloudy	Moderate	Mid-Ebb	B	4.2	12:37	8.83	8.25	31.26	21.39	3.04	6	114	0.192	E
B3	20200309	Cloudy	Moderate	Mid-Ebb	S	1	12:38	8.61	8.09	31.54	21.25	2.33	6	113	0.185	E
B3	20200309	Cloudy	Moderate	Mid-Ebb	S	1	12:38	8.26	8.03	31.56	21.22	2.79	6	112	0.117	E
B4	20200309	Cloudy	Moderate	Mid-Ebb	B	3.4	12:26	8.29	8.05	31.4	21.16	3.17	6	113	0.164	SE
B4	20200309	Cloudy	Moderate	Mid-Ebb	B	3.4	12:26	8.67	8.24	31.45	21.35	2.97	6	112	0.143	E
B4	20200309	Cloudy	Moderate	Mid-Ebb	S	1	12:27	9.38	8.17	31.35	21.16	2.27	4	112	0.158	SE
B4	20200309	Cloudy	Moderate	Mid-Ebb	S	1	12:27	9.13	8.27	31.5	21.26	2.69	5	114	0.226	E
C1A	20200309	Cloudy	Moderate	Mid-Ebb	B	10	10:36	8.82	8.26	31.46	21.39	3.03	4	113	0.23	SE
C1A	20200309	Cloudy	Moderate	Mid-Ebb	B	10	10:36	9.04	8.07	31.4	21.2	2.92	5	113	0.162	SE
C1A	20200309	Cloudy	Moderate	Mid-Ebb	M	5.5	10:37	9.05	8.14	31.25	21.24	2.44	5	111	0.217	SE
C1A	20200309	Cloudy	Moderate	Mid-Ebb	M	5.5	10:37	8.75	8.21	31.56	21.19	2.44	5	114	0.182	SE
C1A	20200309	Cloudy	Moderate	Mid-Ebb	S	1	10:38	8.09	8.18	31.53	21.39	2.17	5	113	0.125	SE
C1A	20200309	Cloudy	Moderate	Mid-Ebb	S	1	10:38	9.26	8.13	31.5	21.1	2.67	6	113	0.194	SE
C2A	20200309	Cloudy	Moderate	Mid-Ebb	B	10.5	12:12	8.45	8.2	31.46	21.33	2.79	6	114	0.181	E
C2A	20200309	Cloudy	Moderate	Mid-Ebb	B	10.5	12:12	8.61	8.27	31.22	21.26	3.16	6	113	0.14	E
C2A	20200309	Cloudy	Moderate	Mid-Ebb	M	5.75	12:13	8.86	8.17	31.21	21.29	2.5	4	112	0.17	SE
C2A	20200309	Cloudy	Moderate	Mid-Ebb	M	5.75	12:13	8.93	8.16	31.38	21.3	2.47	4	114	0.151	E
C2A	20200309	Cloudy	Moderate	Mid-Ebb	S	1	12:14	8.39	8.09	31.37	21.14	2.66	3	114	0.14	E
C2A	20200309	Cloudy	Moderate	Mid-Ebb	S	1	12:14	9	8.27	31.41	21.36	2.48	4	113	0.229	SE
CR1	20200309	Cloudy	Moderate	Mid-Ebb	B	11.3	11:51	8.43	8.24	31.48	21.23	3.08	8	114	0.168	E
CR1	20200309	Cloudy	Moderate	Mid-Ebb	B	11.3	11:51	8.91	8.09	31.57	21.16	3.18	9	113	0.205	SE
CR1	20200309	Cloudy	Moderate	Mid-Ebb	M	6.15	11:52	9.36	8.12	31.54	21.16	2.69	6	112	0.134	SE
CR1	20200309	Cloudy	Moderate	Mid-Ebb	M	6.15	11:52	9.04	8.27	31.23	21.46	2.56	7	113	0.126	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	20200309	Cloudy	Moderate	Mid-Ebb	S	1	11:53	8.26	8.23	31.45	21.31	2.72	5	113	0.212	SE
CR1	20200309	Cloudy	Moderate	Mid-Ebb	S	1	11:53	9.21	8.02	31.25	21.19	2.4	4	113	0.155	SE
CR2	20200309	Cloudy	Moderate	Mid-Ebb	B	10.9	11:25	8.39	8.25	31.55	21.16	2.76	5	113	0.206	E
CR2	20200309	Cloudy	Moderate	Mid-Ebb	B	10.9	11:25	8.21	8.27	31.31	21.36	2.96	4	114	0.145	SE
CR2	20200309	Cloudy	Moderate	Mid-Ebb	M	5.95	11:26	8.77	8.23	31.41	21.2	2.64	5	114	0.178	E
CR2	20200309	Cloudy	Moderate	Mid-Ebb	M	5.95	11:26	9.05	8.08	31.2	21.32	2.71	6	115	0.208	SE
CR2	20200309	Cloudy	Moderate	Mid-Ebb	S	1	11:27	9.26	8.16	31.35	21.1	2.57	8	114	0.136	SE
CR2	20200309	Cloudy	Moderate	Mid-Ebb	S	1	11:27	8.64	8.19	31.53	21.13	2.34	7	115	0.217	SE
F1A	20200309	Cloudy	Moderate	Mid-Ebb	B	7.8	12:06	9.32	8.2	31.38	21.31	2.72	6	113	0.16	SE
F1A	20200309	Cloudy	Moderate	Mid-Ebb	B	7.8	12:06	8.89	8.14	31.48	21.17	2.9	5	114	0.139	SE
F1A	20200309	Cloudy	Moderate	Mid-Ebb	M	4.4	12:07	8.79	8.18	31.41	21.34	2.7	4	113	0.172	SE
F1A	20200309	Cloudy	Moderate	Mid-Ebb	M	4.4	12:07	9.24	8.14	31.47	21.26	2.24	5	111	0.207	SE
F1A	20200309	Cloudy	Moderate	Mid-Ebb	S	1	12:08	8.78	8.2	31.48	21.43	2.27	4	115	0.223	SE
F1A	20200309	Cloudy	Moderate	Mid-Ebb	S	1	12:08	9.08	8.08	31.5	21.43	2.68	4	113	0.12	SE
H1	20200309	Cloudy	Moderate	Mid-Ebb	B	7.9	11:06	8.21	8.21	31.2	21.13	2.85	6	114	0.225	SE
H1	20200309	Cloudy	Moderate	Mid-Ebb	B	7.9	11:06	8.15	8.25	31.51	21.37	3.06	6	114	0.127	SE
H1	20200309	Cloudy	Moderate	Mid-Ebb	M	4.45	11:07	9.28	8.27	31.33	21.33	2.38	7	114	0.163	SE
H1	20200309	Cloudy	Moderate	Mid-Ebb	M	4.45	11:07	8.54	8.18	31.21	21.28	2.34	6	114	0.222	SE
H1	20200309	Cloudy	Moderate	Mid-Ebb	S	1	11:08	8.59	8.14	31.22	21.17	2.18	5	114	0.145	SE
H1	20200309	Cloudy	Moderate	Mid-Ebb	S	1	11:08	8.45	8.09	31.44	21.24	2.38	6	114	0.147	SE
M1	20200309	Cloudy	Moderate	Mid-Ebb	B	8.4	11:44	8.41	8.16	31.35	21.37	2.91	6	112	0.202	SE
M1	20200309	Cloudy	Moderate	Mid-Ebb	B	8.4	11:44	8.38	8.16	31.54	21.22	3.2	8	113	0.128	SE
M1	20200309	Cloudy	Moderate	Mid-Ebb	M	4.7	11:45	8.32	8.13	31.25	21.22	2.67	6	114	0.168	SE
M1	20200309	Cloudy	Moderate	Mid-Ebb	M	4.7	11:45	8.73	8.17	31.32	21.21	2.43	6	113	0.193	SE
M1	20200309	Cloudy	Moderate	Mid-Ebb	S	1	11:46	8.51	8.18	31.55	21.31	2.42	4	114	0.196	E
M1	20200309	Cloudy	Moderate	Mid-Ebb	S	1	11:46	8.42	8.13	31.42	21.33	2.48	5	111	0.206	SE
S1	20200309	Cloudy	Moderate	Mid-Ebb	B	3.8	13:16	8.99	8.07	31.33	21.2	3.03	5	114	0.131	SE
S1	20200309	Cloudy	Moderate	Mid-Ebb	B	3.8	13:16	9.23	8.15	31.46	21.24	3.16	6	114	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
S1	20200309	Cloudy	Moderate	Mid-Ebb	S	1	13:17	8.68	8.14	31.56	21.32	2.17	5	114	0.187	E
S1	20200309	Cloudy	Moderate	Mid-Ebb	S	1	13:17	8.75	8.19	31.38	21.46	2.58	6	114	0.178	E
S2A	20200309	Cloudy	Moderate	Mid-Ebb	B	7.8	12:51	8.85	8.12	31.3	21.23	3.02	6	113	0.173	SE
S2A	20200309	Cloudy	Moderate	Mid-Ebb	B	7.8	12:51	8.32	8.13	31.55	21.26	3.28	6	114	0.175	SE
S2A	20200309	Cloudy	Moderate	Mid-Ebb	M	4.4	12:52	9.11	8.17	31.45	21.3	2.2	6	114	0.118	SE
S2A	20200309	Cloudy	Moderate	Mid-Ebb	M	4.4	12:52	8.98	8.03	31.24	21.19	2.2	6	112	0.119	E
S2A	20200309	Cloudy	Moderate	Mid-Ebb	S	1	12:53	8.3	8.18	31.4	21.35	2.7	7	113	0.21	E
S2A	20200309	Cloudy	Moderate	Mid-Ebb	S	1	12:53	8.23	8.18	31.41	21.26	2.33	6	112	0.193	SE
S3	20200309	Cloudy	Moderate	Mid-Ebb	B	10.1	11:35	9.3	8.2	31.38	21.36	3.1	5	112	0.197	SE
S3	20200309	Cloudy	Moderate	Mid-Ebb	B	10.1	11:35	8.49	8.16	31.41	21.35	3.27	6	111	0.116	SE
S3	20200309	Cloudy	Moderate	Mid-Ebb	M	5.55	11:36	8.49	8.26	31.41	21.31	2.36	7	112	0.178	SE
S3	20200309	Cloudy	Moderate	Mid-Ebb	M	5.55	11:36	8.6	8.07	31.34	21.13	2.63	6	115	0.178	SE
S3	20200309	Cloudy	Moderate	Mid-Ebb	S	1	11:37	8.68	8.16	31.48	21.25	2.6	8	112	0.135	SE
S3	20200309	Cloudy	Moderate	Mid-Ebb	S	1	11:37	8.83	8.11	31.51	21.16	2.66	8	113	0.212	SE
B1	20200309	Cloudy	Moderate	Mid-Flood	B	4.3	15:22	8.71	8.09	31.33	21.46	2.76	2	116	0.178	NW
B1	20200309	Cloudy	Moderate	Mid-Flood	B	4.3	15:22	9.32	8.2	31.46	21.35	3.21	4	114	0.219	W
B1	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:23	8.68	8.13	31.38	21.35	2.39	4	115	0.181	W
B1	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:23	9.29	8.04	31.6	21.55	2.53	5	114	0.125	W
B2	20200309	Cloudy	Moderate	Mid-Flood	B	3.5	15:05	9.33	8.17	31.4	21.33	3.23	4	109	0.242	W
B2	20200309	Cloudy	Moderate	Mid-Flood	B	3.5	15:05	8.25	8.18	31.57	21.47	2.78	5	110	0.161	W
B2	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:06	9.13	8.15	31.5	21.46	2.32	4	111	0.126	W
B2	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:06	8.06	8.06	31.58	21.53	2.56	4	112	0.159	W
B3	20200309	Cloudy	Moderate	Mid-Flood	B	3.9	15:51	8.25	8.23	31.61	21.47	3.15	7	113	0.169	W
B3	20200309	Cloudy	Moderate	Mid-Flood	B	3.9	15:51	8.5	8.03	31.56	21.41	3.11	6	114	0.2	W
B3	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:52	9.06	8.05	31.4	21.48	2.32	4	114	0.174	W
B3	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:52	8.89	8.23	31.37	21.58	2.7	4	114	0.199	W
B4	20200309	Cloudy	Moderate	Mid-Flood	B	4	15:59	9.17	8.05	31.34	21.43	2.97	9	113	0.12	W
B4	20200309	Cloudy	Moderate	Mid-Flood	B	4	15:59	9.06	8.01	31.27	21.46	3.32	9	115	0.194	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
B4	20200309	Cloudy	Moderate	Mid-Flood	S	1	16:00	8.3	8.23	31.24	21.48	2.52	6	114	0.147	W
B4	20200309	Cloudy	Moderate	Mid-Flood	S	1	16:00	8.2	8.03	31.57	21.56	2.57	5	113	0.175	W
C1A	20200309	Cloudy	Moderate	Mid-Flood	B	10.5	16:11	8.59	8.09	31.44	21.49	2.84	6	114	0.2	W
C1A	20200309	Cloudy	Moderate	Mid-Flood	B	10.5	16:11	8.32	8.2	31.21	21.47	3.02	8	114	0.218	W
C1A	20200309	Cloudy	Moderate	Mid-Flood	M	5.75	16:12	8.28	8.15	31.21	21.42	2.72	7	112	0.168	W
C1A	20200309	Cloudy	Moderate	Mid-Flood	M	5.75	16:12	8.43	8.16	31.56	21.4	2.89	8	113	0.193	W
C1A	20200309	Cloudy	Moderate	Mid-Flood	S	1	16:13	8.77	8.08	31.4	21.53	2.21	7	113	0.145	W
C1A	20200309	Cloudy	Moderate	Mid-Flood	S	1	16:13	8.41	8.02	31.38	21.43	2.6	8	112	0.207	W
C2A	20200309	Cloudy	Moderate	Mid-Flood	B	11	15:04	8.79	8.12	31.61	21.48	3.01	12	114	0.174	W
C2A	20200309	Cloudy	Moderate	Mid-Flood	B	11	15:04	8.11	8.09	31.27	21.46	3.09	11	114	0.139	W
C2A	20200309	Cloudy	Moderate	Mid-Flood	M	6	15:05	8.49	8.19	31.31	21.56	2.78	8	113	0.178	W
C2A	20200309	Cloudy	Moderate	Mid-Flood	M	6	15:05	8.72	8.2	31.54	21.54	2.67	8	115	0.141	W
C2A	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:06	8.21	8.18	31.5	21.5	2.27	5	115	0.187	W
C2A	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:06	8.93	8.16	31.61	21.4	2.72	6	113	0.175	W
CR1	20200309	Cloudy	Moderate	Mid-Flood	B	11.4	15:29	9.32	8.07	31.5	21.37	2.87	8	114	0.161	W
CR1	20200309	Cloudy	Moderate	Mid-Flood	B	11.4	15:29	8.65	8.21	31.44	21.52	3.06	9	113	0.184	W
CR1	20200309	Cloudy	Moderate	Mid-Flood	M	6.2	15:30	9.04	8.11	31.61	21.43	2.59	7	114	0.24	W
CR1	20200309	Cloudy	Moderate	Mid-Flood	M	6.2	15:30	8.82	8.12	31.54	21.51	2.61	8	114	0.237	W
CR1	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:31	8.14	8.19	31.49	21.56	2.24	8	114	0.23	W
CR1	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:31	8.94	8.16	31.23	21.38	2.53	7	114	0.219	NW
CR2	20200309	Cloudy	Moderate	Mid-Flood	B	10.3	15:45	8.35	8.14	31.34	21.36	3.27	8	112	0.188	NW
CR2	20200309	Cloudy	Moderate	Mid-Flood	B	10.3	15:45	8.18	8.01	31.29	21.41	3.23	7	114	0.183	NW
CR2	20200309	Cloudy	Moderate	Mid-Flood	M	5.65	15:46	8.54	8.24	31.37	21.5	2.54	8	114	0.194	W
CR2	20200309	Cloudy	Moderate	Mid-Flood	M	5.65	15:46	8.44	8.11	31.29	21.49	2.81	7	114	0.211	W
CR2	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:47	8.98	8.24	31.58	21.5	2.29	7	115	0.216	W
CR2	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:47	8.77	8.13	31.41	21.58	2.27	6	113	0.126	W
F1A	20200309	Cloudy	Moderate	Mid-Flood	B	7.7	16:21	8.88	8.16	31.22	21.44	3.24	5	114	0.196	W
F1A	20200309	Cloudy	Moderate	Mid-Flood	B	7.7	16:21	8.05	8.01	31.61	21.44	2.95	5	114	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
F1A	20200309	Cloudy	Moderate	Mid-Flood	M	4.35	16:22	9.25	8.14	31.46	21.57	2.75	6	114	0.126	NW
F1A	20200309	Cloudy	Moderate	Mid-Flood	M	4.35	16:22	9.36	8.08	31.5	21.48	2.62	7	114	0.148	W
F1A	20200309	Cloudy	Moderate	Mid-Flood	S	1	16:23	9.06	8.03	31.5	21.47	2.26	7	113	0.126	W
F1A	20200309	Cloudy	Moderate	Mid-Flood	S	1	16:23	8.58	8.2	31.34	21.43	2.18	8	114	0.156	NW
H1	20200309	Cloudy	Moderate	Mid-Flood	B	7.1	16:38	8.25	8.19	31.32	21.52	2.95	7	113	0.23	W
H1	20200309	Cloudy	Moderate	Mid-Flood	B	7.1	16:38	8.79	8.05	31.52	21.31	3.14	6	112	0.122	W
H1	20200309	Cloudy	Moderate	Mid-Flood	M	4.05	16:39	9.37	8.11	31.5	21.27	2.56	6	112	0.238	W
H1	20200309	Cloudy	Moderate	Mid-Flood	M	4.05	16:39	8.46	8.09	31.41	21.44	2.78	7	113	0.147	W
H1	20200309	Cloudy	Moderate	Mid-Flood	S	1	16:40	8.65	8.18	31.5	21.34	2.58	7	113	0.23	W
H1	20200309	Cloudy	Moderate	Mid-Flood	S	1	16:40	8.27	8.14	31.55	21.33	2.17	8	115	0.241	NW
M1	20200309	Cloudy	Moderate	Mid-Flood	B	6.5	16:40	8.73	8.17	31.5	21.24	2.87	8	114	0.151	W
M1	20200309	Cloudy	Moderate	Mid-Flood	B	6.5	16:40	9.39	8.15	31.56	21.46	2.79	8	113	0.143	W
M1	20200309	Cloudy	Moderate	Mid-Flood	M	3.75	16:41	9.09	8.11	31.44	21.32	2.56	8	114	0.166	W
M1	20200309	Cloudy	Moderate	Mid-Flood	M	3.75	16:41	8.44	8.17	31.41	21.31	2.74	7	115	0.146	NW
M1	20200309	Cloudy	Moderate	Mid-Flood	S	1	16:42	8.96	8.06	31.47	21.54	2.49	7	114	0.23	NW
M1	20200309	Cloudy	Moderate	Mid-Flood	S	1	16:42	8.86	8.01	31.39	21.31	2.53	6	112	0.144	NW
S1	20200309	Cloudy	Moderate	Mid-Flood	B	4	15:13	8.07	8.2	31.34	21.35	3.02	10	114	0.219	W
S1	20200309	Cloudy	Moderate	Mid-Flood	B	4	15:13	8.83	8.15	31.34	21.45	2.7	11	113	0.119	W
S1	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:14	8.94	8.02	31.51	21.35	2.32	6	114	0.233	W
S1	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:14	9.13	8.15	31.45	21.55	2.36	7	113	0.153	NW
S2A	20200309	Cloudy	Moderate	Mid-Flood	B	8.2	15:35	8.49	8.24	31.31	21.43	2.9	8	113	0.213	W
S2A	20200309	Cloudy	Moderate	Mid-Flood	B	8.2	15:35	9.26	8.22	31.38	21.57	3.22	7	114	0.182	W
S2A	20200309	Cloudy	Moderate	Mid-Flood	M	4.6	15:36	8.31	8.03	31.33	21.41	2.43	8	112	0.232	W
S2A	20200309	Cloudy	Moderate	Mid-Flood	M	4.6	15:36	8.5	8.19	31.49	21.59	2.82	7	114	0.146	NW
S2A	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:37	8.11	8.21	31.48	21.57	2.53	8	114	0.23	W
S2A	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:37	9.08	8.21	31.31	21.45	2.25	7	114	0.226	W
S3	20200309	Cloudy	Moderate	Mid-Flood	B	9.1	15:54	8.48	8.03	31.22	21.56	3.39	8	115	0.201	W
S3	20200309	Cloudy	Moderate	Mid-Flood	B	9.1	15:54	8.05	8.08	31.28	21.58	3.09	8	114	0.14	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
S3	20200309	Cloudy	Moderate	Mid-Flood	M	5.05	15:55	9.12	8.16	31.34	21.54	2.89	7	114	0.189	NW
S3	20200309	Cloudy	Moderate	Mid-Flood	M	5.05	15:55	8.52	8.12	31.21	21.51	2.93	8	114	0.223	W
S3	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:56	8.42	8.22	31.36	21.43	2.37	7	114	0.142	W
S3	20200309	Cloudy	Moderate	Mid-Flood	S	1	15:56	9.32	8.2	31.39	21.54	2.26	6	114	0.16	W
B1	20200311	Cloudy	Moderate	Mid-Ebb	B	3.9	14:11	10.89	8.31	30.14	21.31	3.5	6	112	0.221	SE
B1	20200311	Cloudy	Moderate	Mid-Ebb	B	3.9	14:11	9.49	8.2	30.12	21.46	3.67	5	111	0.25	SE
B1	20200311	Cloudy	Moderate	Mid-Ebb	S	1	14:12	9.01	8.29	29.83	21.22	3.18	6	112	0.219	SE
B1	20200311	Cloudy	Moderate	Mid-Ebb	S	1	14:12	10.05	8.27	29.95	21.37	2.87	6	111	0.207	E
B2	20200311	Cloudy	Moderate	Mid-Ebb	B	4	14:27	10.53	8.09	30.01	21.56	3.41	5	112	0.177	E
B2	20200311	Cloudy	Moderate	Mid-Ebb	B	4	14:27	9.22	8.07	30.02	21.37	3.46	4	111	0.196	SE
B2	20200311	Cloudy	Moderate	Mid-Ebb	S	1	14:28	10.15	8.15	29.86	21.58	3.04	6	113	0.187	E
B2	20200311	Cloudy	Moderate	Mid-Ebb	S	1	14:28	9.31	8.31	29.77	21.57	3.17	5	112	0.232	SE
B3	20200311	Cloudy	Moderate	Mid-Ebb	B	3.5	13:45	9.63	8.31	29.87	21.32	3.72	8	111	0.174	E
B3	20200311	Cloudy	Moderate	Mid-Ebb	B	3.5	13:45	9.07	8.12	29.92	21.34	3.81	7	111	0.159	SE
B3	20200311	Cloudy	Moderate	Mid-Ebb	S	1	13:46	9.36	8.25	30.19	21.45	2.79	5	111	0.229	E
B3	20200311	Cloudy	Moderate	Mid-Ebb	S	1	13:46	9.17	8.2	29.82	21.47	3.1	5	108	0.205	E
B4	20200311	Cloudy	Moderate	Mid-Ebb	B	3.6	13:36	10	8.19	30.03	21.38	3.84	6	112	0.22	SE
B4	20200311	Cloudy	Moderate	Mid-Ebb	B	3.6	13:36	9.71	8.15	30.06	21.41	3.48	6	111	0.168	SE
B4	20200311	Cloudy	Moderate	Mid-Ebb	S	1	13:37	9.6	8.18	30.15	21.34	2.93	6	111	0.216	SE
B4	20200311	Cloudy	Moderate	Mid-Ebb	S	1	13:37	9.94	8.28	29.86	21.21	3.09	6	111	0.217	E
C1A	20200311	Cloudy	Moderate	Mid-Ebb	B	8.7	11:50	10.03	8.29	29.96	21.13	3.62	6	111	0.164	SE
C1A	20200311	Cloudy	Moderate	Mid-Ebb	B	8.7	11:50	9.01	8.11	29.85	21.27	3.71	6	112	0.21	SE
C1A	20200311	Cloudy	Moderate	Mid-Ebb	M	4.85	11:51	9.01	8.22	29.9	21.1	3.13	6	112	0.194	E
C1A	20200311	Cloudy	Moderate	Mid-Ebb	M	4.85	11:51	10.27	8.1	30.04	21.35	3.28	7	111	0.223	SE
C1A	20200311	Cloudy	Moderate	Mid-Ebb	S	1	11:52	10.25	8.31	30.06	21.22	2.95	6	112	0.179	E
C1A	20200311	Cloudy	Moderate	Mid-Ebb	S	1	11:52	9.43	8.13	30.07	21.11	2.97	7	112	0.161	E
C2A	20200311	Cloudy	Moderate	Mid-Ebb	B	11.1	13:24	10.36	8.13	29.88	21.42	3.65	7	110	0.184	SE
C2A	20200311	Cloudy	Moderate	Mid-Ebb	B	11.1	13:24	10.19	8.31	30.15	21.23	3.38	6	111	0.148	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
C2A	20200311	Cloudy	Moderate	Mid-Ebb	M	6.05	13:25	9.38	8.27	29.75	21.44	3.18	5	110	0.212	SE
C2A	20200311	Cloudy	Moderate	Mid-Ebb	M	6.05	13:25	9.18	8.2	30.06	21.23	3.18	6	111	0.188	SE
C2A	20200311	Cloudy	Moderate	Mid-Ebb	S	1	13:26	9.81	8.19	29.94	21.33	3.14	6	111	0.146	E
C2A	20200311	Cloudy	Moderate	Mid-Ebb	S	1	13:26	10.04	8.22	30.08	21.31	2.88	5	112	0.211	E
CR1	20200311	Cloudy	Moderate	Mid-Ebb	B	12.3	13:02	10.26	8.25	29.94	21.3	3.68	5	112	0.163	SE
CR1	20200311	Cloudy	Moderate	Mid-Ebb	B	12.3	13:02	10.51	8.26	30.09	21.24	3.79	5	110	0.161	SE
CR1	20200311	Cloudy	Moderate	Mid-Ebb	M	6.65	13:03	9.69	8.2	30.06	21.37	3.14	4	111	0.201	SE
CR1	20200311	Cloudy	Moderate	Mid-Ebb	M	6.65	13:03	10.67	8.28	29.8	21.16	2.88	4	110	0.187	SE
CR1	20200311	Cloudy	Moderate	Mid-Ebb	S	1	13:04	9.11	8.1	30.13	21.26	3.08	4	112	0.218	SE
CR1	20200311	Cloudy	Moderate	Mid-Ebb	S	1	13:04	10.54	8.29	30.11	21.37	3.31	5	112	0.199	SE
CR2	20200311	Cloudy	Moderate	Mid-Ebb	B	10.8	12:41	9.61	8.25	30.1	21.37	3.7	5	113	0.217	SE
CR2	20200311	Cloudy	Moderate	Mid-Ebb	B	10.8	12:41	9.78	8.17	30.23	21.28	3.35	6	111	0.24	SE
CR2	20200311	Cloudy	Moderate	Mid-Ebb	M	5.9	12:42	10.56	8.17	29.98	21.23	2.83	3	112	0.186	SE
CR2	20200311	Cloudy	Moderate	Mid-Ebb	M	5.9	12:42	10.39	8.11	29.77	21.34	3.21	4	112	0.177	SE
CR2	20200311	Cloudy	Moderate	Mid-Ebb	S	1	12:43	9.82	8.1	30.16	21.13	3.29	3	111	0.16	SE
CR2	20200311	Cloudy	Moderate	Mid-Ebb	S	1	12:43	10.68	8.1	30.11	21.17	2.92	3	112	0.193	SE
F1A	20200311	Cloudy	Moderate	Mid-Ebb	B	7.1	13:24	10.18	8.22	29.88	21.43	3.38	7	112	0.19	SE
F1A	20200311	Cloudy	Moderate	Mid-Ebb	B	7.1	13:24	10.23	8.1	29.99	21.2	3.53	6	111	0.167	E
F1A	20200311	Cloudy	Moderate	Mid-Ebb	M	4.05	13:25	9.93	8.16	29.73	21.34	3.05	7	112	0.184	E
F1A	20200311	Cloudy	Moderate	Mid-Ebb	M	4.05	13:25	9.26	8.27	29.76	21.24	3.02	6	112	0.25	SE
F1A	20200311	Cloudy	Moderate	Mid-Ebb	S	1	13:26	9.81	8.28	30.21	21.41	2.91	6	112	0.242	SE
F1A	20200311	Cloudy	Moderate	Mid-Ebb	S	1	13:26	10.36	8.13	30.17	21.35	3.22	7	111	0.181	E
H1	20200311	Cloudy	Moderate	Mid-Ebb	B	7.6	12:19	9.07	8.2	29.75	21.31	3.33	6	112	0.162	E
H1	20200311	Cloudy	Moderate	Mid-Ebb	B	7.6	12:19	10.69	8.2	29.89	21.23	3.52	7	113	0.231	E
H1	20200311	Cloudy	Moderate	Mid-Ebb	M	4.3	12:20	9.59	8.19	29.84	21.34	3.12	6	110	0.225	E
H1	20200311	Cloudy	Moderate	Mid-Ebb	M	4.3	12:20	9.36	8.17	29.87	21.25	3.26	5	110	0.177	SE
H1	20200311	Cloudy	Moderate	Mid-Ebb	S	1	12:21	10.1	8.2	29.95	21.15	2.86	6	111	0.195	SE
H1	20200311	Cloudy	Moderate	Mid-Ebb	S	1	12:21	9.79	8.28	29.76	21.34	2.73	5	112	0.24	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	20200311	Cloudy	Moderate	Mid-Ebb	B	8.4	12:53	10.36	8.2	30.02	21.3	3.84	6	112	0.178	SE
M1	20200311	Cloudy	Moderate	Mid-Ebb	B	8.4	12:53	10.77	8.09	29.94	21.16	3.83	7	111	0.247	SE
M1	20200311	Cloudy	Moderate	Mid-Ebb	M	4.7	12:54	9.58	8.13	29.75	21.36	3.03	5	111	0.211	SE
M1	20200311	Cloudy	Moderate	Mid-Ebb	M	4.7	12:54	9.1	8.16	29.86	21.36	3.12	5	111	0.19	SE
M1	20200311	Cloudy	Moderate	Mid-Ebb	S	1	12:55	10.74	8.22	30.08	21.14	3.25	5	110	0.202	SE
M1	20200311	Cloudy	Moderate	Mid-Ebb	S	1	12:55	9.33	8.25	29.71	21.32	3.02	5	112	0.213	SE
S1	20200311	Cloudy	Moderate	Mid-Ebb	B	4.1	14:18	9.98	8.29	29.74	21.38	3.49	6	110	0.249	SE
S1	20200311	Cloudy	Moderate	Mid-Ebb	B	4.1	14:18	9.95	8.3	30.03	21.48	3.46	4	109	0.212	SE
S1	20200311	Cloudy	Moderate	Mid-Ebb	S	1	14:19	10.04	8.08	29.71	21.46	2.98	8	112	0.241	E
S1	20200311	Cloudy	Moderate	Mid-Ebb	S	1	14:19	10.54	8.13	29.97	21.43	2.97	9	110	0.206	SE
S2A	20200311	Cloudy	Moderate	Mid-Ebb	B	8.4	13:59	9.05	8.08	29.75	21.23	3.67	7	110	0.191	SE
S2A	20200311	Cloudy	Moderate	Mid-Ebb	B	8.4	13:59	10.53	8.06	29.74	21.48	3.71	6	108	0.156	E
S2A	20200311	Cloudy	Moderate	Mid-Ebb	M	4.7	14:00	8.95	8.12	30.06	21.46	2.8	5	111	0.223	E
S2A	20200311	Cloudy	Moderate	Mid-Ebb	M	4.7	14:00	10.33	8.3	29.84	21.34	2.79	6	112	0.181	SE
S2A	20200311	Cloudy	Moderate	Mid-Ebb	S	1	14:01	9.71	8.18	30.23	21.45	3.21	5	112	0.198	E
S2A	20200311	Cloudy	Moderate	Mid-Ebb	S	1	14:01	9.89	8.27	30.02	21.3	3.27	4	110	0.198	E
S3	20200311	Cloudy	Moderate	Mid-Ebb	B	9.8	12:51	9.85	8.2	29.78	21.33	3.65	8	112	0.216	E
S3	20200311	Cloudy	Moderate	Mid-Ebb	B	9.8	12:51	10.23	8.14	29.73	21.23	3.35	7	111	0.169	E
S3	20200311	Cloudy	Moderate	Mid-Ebb	M	5.4	12:52	10.77	8.19	29.86	21.26	3.02	6	111	0.19	E
S3	20200311	Cloudy	Moderate	Mid-Ebb	M	5.4	12:52	10.58	8.09	29.88	21.38	3.19	7	110	0.234	SE
S3	20200311	Cloudy	Moderate	Mid-Ebb	S	1	12:53	9.34	8.22	29.86	21.16	3.28	6	110	0.248	SE
S3	20200311	Cloudy	Moderate	Mid-Ebb	S	1	12:53	10.51	8.17	29.71	21.32	3.29	6	111	0.205	E
B1	20200311	Cloudy	Moderate	Mid-Flood	B	3.6	17:07	9.87	8.12	29.65	21.08	3.25	5	113	0.203	NW
B1	20200311	Cloudy	Moderate	Mid-Flood	B	3.6	17:07	9.14	8.19	29.8	21.11	3.18	5	111	0.182	W
B1	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:08	9.63	8.1	29.74	21.22	2.61	5	113	0.257	W
B1	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:08	10.13	8.33	29.94	21.16	2.77	5	111	0.193	W
B2	20200311	Cloudy	Moderate	Mid-Flood	B	3.6	17:33	10.52	8.26	29.67	21.22	3.49	6	112	0.246	W
B2	20200311	Cloudy	Moderate	Mid-Flood	B	3.6	17:33	10.7	8.27	29.77	21.15	3.27	6	111	0.255	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:34	9.87	8.1	29.82	21.09	2.81	6	111	0.206	NW
B2	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:34	10.33	8.18	29.68	21.09	2.8	7	112	0.222	W
B3	20200311	Cloudy	Moderate	Mid-Flood	B	4.1	17:00	9.69	8.11	29.94	21.17	3.77	8	113	0.185	W
B3	20200311	Cloudy	Moderate	Mid-Flood	B	4.1	17:00	9.58	8.29	29.81	21.08	3.42	9	114	0.237	W
B3	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:01	10.58	8.19	29.92	21.3	3.07	6	110	0.224	W
B3	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:01	10.76	8.15	29.65	21.06	2.95	6	113	0.211	W
B4	20200311	Cloudy	Moderate	Mid-Flood	B	4.3	17:08	10.23	8.06	29.73	21.17	3.3	6	112	0.281	W
B4	20200311	Cloudy	Moderate	Mid-Flood	B	4.3	17:08	9.55	8.07	29.87	21.03	3.8	6	112	0.209	W
B4	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:09	9.52	8.18	29.87	21.06	2.89	6	113	0.208	W
B4	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:09	10.59	8.11	29.83	21.24	2.98	7	111	0.177	W
C1A	20200311	Cloudy	Moderate	Mid-Flood	B	9.8	16:41	9.3	8.13	29.65	21.13	3.53	5	112	0.181	NW
C1A	20200311	Cloudy	Moderate	Mid-Flood	B	9.8	16:41	9.84	8.09	29.71	21.05	3.36	6	112	0.248	W
C1A	20200311	Cloudy	Moderate	Mid-Flood	M	5.4	16:42	10.77	8.23	29.65	21.15	3.21	6	113	0.233	W
C1A	20200311	Cloudy	Moderate	Mid-Flood	M	5.4	16:42	10.72	8.08	29.83	21.09	3.19	5	114	0.176	W
C1A	20200311	Cloudy	Moderate	Mid-Flood	S	1	16:43	9.68	8.08	29.65	21.1	2.7	5	113	0.272	W
C1A	20200311	Cloudy	Moderate	Mid-Flood	S	1	16:43	9.94	8.05	29.87	21.06	3	6	111	0.171	W
C2A	20200311	Cloudy	Moderate	Mid-Flood	B	10.1	16:41	9.79	8.24	29.87	21.06	3.6	5	113	0.24	W
C2A	20200311	Cloudy	Moderate	Mid-Flood	B	10.1	16:41	9.99	8.3	29.88	21.25	3.35	5	111	0.19	W
C2A	20200311	Cloudy	Moderate	Mid-Flood	M	5.55	16:42	9.94	8.14	29.67	21.26	2.91	6	112	0.197	W
C2A	20200311	Cloudy	Moderate	Mid-Flood	M	5.55	16:42	9.03	8.15	29.94	21.29	3.34	6	111	0.246	W
C2A	20200311	Cloudy	Moderate	Mid-Flood	S	1	16:43	8.97	8.14	29.85	21.08	2.98	6	113	0.261	NW
C2A	20200311	Cloudy	Moderate	Mid-Flood	S	1	16:43	9.54	8.25	29.85	21.13	3.17	6	111	0.198	NW
CR1	20200311	Cloudy	Moderate	Mid-Flood	B	11.1	18:40	9.47	8.11	29.76	20.86	3.47	5	112	0.237	W
CR1	20200311	Cloudy	Moderate	Mid-Flood	B	11.1	18:40	10.73	8.18	29.92	21.07	3.64	6	112	0.26	NW
CR1	20200311	Cloudy	Moderate	Mid-Flood	M	6.05	18:41	9.13	8.11	29.94	21.08	3.33	6	111	0.259	W
CR1	20200311	Cloudy	Moderate	Mid-Flood	M	6.05	18:41	10.1	8.09	29.81	20.95	3.09	5	112	0.279	W
CR1	20200311	Cloudy	Moderate	Mid-Flood	S	1	18:42	9.18	8.13	29.71	20.92	2.97	6	112	0.278	W
CR1	20200311	Cloudy	Moderate	Mid-Flood	S	1	18:42	10.63	8.08	29.65	21.03	2.73	5	112	0.272	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
CR2	20200311	Cloudy	Moderate	Mid-Flood	B	10.8	18:18	10.57	8.23	29.83	21.02	3.33	6	112	0.238	NW
CR2	20200311	Cloudy	Moderate	Mid-Flood	B	10.8	18:18	10.45	8.32	29.66	21.11	3.56	6	113	0.208	NW
CR2	20200311	Cloudy	Moderate	Mid-Flood	M	5.9	18:19	9.37	8.11	29.93	21.09	2.99	6	113	0.235	W
CR2	20200311	Cloudy	Moderate	Mid-Flood	M	5.9	18:19	9.04	8.06	29.91	20.99	3.38	6	112	0.253	NW
CR2	20200311	Cloudy	Moderate	Mid-Flood	S	1	18:20	9.51	8.16	29.87	21.06	2.91	5	112	0.234	W
CR2	20200311	Cloudy	Moderate	Mid-Flood	S	1	18:20	9.37	8.17	29.77	21.16	2.62	5	112	0.209	W
F1A	20200311	Cloudy	Moderate	Mid-Flood	B	7.3	17:28	10.77	8.3	29.77	21.14	3.36	6	112	0.258	W
F1A	20200311	Cloudy	Moderate	Mid-Flood	B	7.3	17:28	9.98	8.29	29.75	21.19	3.62	6	111	0.172	W
F1A	20200311	Cloudy	Moderate	Mid-Flood	M	4.15	17:29	9.25	8.3	29.65	21.2	3.14	6	114	0.199	W
F1A	20200311	Cloudy	Moderate	Mid-Flood	M	4.15	17:29	10.77	8.29	29.71	21.23	3.19	6	113	0.234	W
F1A	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:30	10.7	8.09	29.76	21.1	3.04	6	111	0.205	W
F1A	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:30	10.38	8.13	29.73	21.14	2.9	7	112	0.227	NW
H1	20200311	Cloudy	Moderate	Mid-Flood	B	6.5	16:51	10.07	8.29	29.82	21.11	3.35	6	110	0.265	NW
H1	20200311	Cloudy	Moderate	Mid-Flood	B	6.5	16:51	9.9	8.23	29.76	21.15	3.23	6	112	0.176	W
H1	20200311	Cloudy	Moderate	Mid-Flood	M	3.75	16:52	9.55	8.29	29.93	21.1	2.91	6	113	0.193	W
H1	20200311	Cloudy	Moderate	Mid-Flood	M	3.75	16:52	9.45	8.33	29.79	21.09	3.18	4	112	0.195	W
H1	20200311	Cloudy	Moderate	Mid-Flood	S	1	16:53	10.22	8.23	29.73	21.26	3.01	4	111	0.233	W
H1	20200311	Cloudy	Moderate	Mid-Flood	S	1	16:53	10.24	8.14	29.69	21.21	3.11	5	111	0.244	NW
M1	20200311	Cloudy	Moderate	Mid-Flood	B	7.7	17:41	9.2	8.18	29.78	21	3.5	6	111	0.214	W
M1	20200311	Cloudy	Moderate	Mid-Flood	B	7.7	17:41	9.02	8.1	29.87	21.19	3.36	7	112	0.278	W
M1	20200311	Cloudy	Moderate	Mid-Flood	M	4.35	17:42	9.9	8.17	29.87	21.05	2.85	6	112	0.217	W
M1	20200311	Cloudy	Moderate	Mid-Flood	M	4.35	17:42	10.5	8.2	29.88	21.1	3.3	7	110	0.205	W
M1	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:43	9.76	8.28	29.79	21.1	2.93	7	112	0.254	W
M1	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:43	9.88	8.12	29.86	21.04	2.94	6	111	0.269	W
S1	20200311	Cloudy	Moderate	Mid-Flood	B	4.1	17:24	10.18	8.19	29.79	21.15	3.48	6	112	0.22	W
S1	20200311	Cloudy	Moderate	Mid-Flood	B	4.1	17:24	10.33	8.05	29.8	21.18	3.25	6	113	0.213	W
S1	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:25	10.43	8.06	29.76	21.21	2.83	6	112	0.271	W
S1	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:25	9.91	8.15	29.95	21.15	2.63	5	112	0.215	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	20200311	Cloudy	Moderate	Mid-Flood	B	8.5	17:54	10.51	8.16	29.82	21	3.44	6	111	0.24	NW
S2A	20200311	Cloudy	Moderate	Mid-Flood	B	8.5	17:54	8.96	8.18	29.85	20.95	3.21	5	112	0.248	NW
S2A	20200311	Cloudy	Moderate	Mid-Flood	M	4.75	17:55	10.24	8.24	29.8	21	3.38	6	112	0.181	W
S2A	20200311	Cloudy	Moderate	Mid-Flood	M	4.75	17:55	10.27	8.05	29.91	21	3.07	6	112	0.216	W
S2A	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:56	10.49	8.09	29.95	20.99	3.07	7	112	0.247	W
S2A	20200311	Cloudy	Moderate	Mid-Flood	S	1	17:56	9.52	8.17	29.78	21.14	2.84	6	112	0.221	W
S3	20200311	Cloudy	Moderate	Mid-Flood	B	9.6	18:27	10.61	8.3	29.79	20.95	3.82	6	112	0.198	W
S3	20200311	Cloudy	Moderate	Mid-Flood	B	9.6	18:27	8.98	8.33	29.77	20.86	3.85	6	112	0.176	W
S3	20200311	Cloudy	Moderate	Mid-Flood	M	5.3	18:28	9.16	8.27	29.77	20.94	3.19	6	111	0.222	W
S3	20200311	Cloudy	Moderate	Mid-Flood	M	5.3	18:28	10	8.23	29.82	20.89	3.24	6	111	0.278	W
S3	20200311	Cloudy	Moderate	Mid-Flood	S	1	18:29	10.64	8.06	29.79	20.88	2.84	5	111	0.275	W
S3	20200311	Cloudy	Moderate	Mid-Flood	S	1	18:29	10.15	8.16	29.92	20.95	3.04	6	112	0.269	W
B1	20200313	Cloudy	Moderate	Mid-Flood	B	4.6	10:23	9.31	8.22	31.75	20.9	3.12	3	117	0.171	W
B1	20200313	Cloudy	Moderate	Mid-Flood	B	4.6	10:23	9.25	8.1	31.85	20.95	2.85	3	118	0.193	W
B1	20200313	Cloudy	Moderate	Mid-Flood	S	1	10:24	9.25	8.17	31.54	20.95	2.34	2	118	0.268	W
B1	20200313	Cloudy	Moderate	Mid-Flood	S	1	10:24	9.71	8.06	31.95	20.84	2.32	2	117	0.244	W
B2	20200313	Cloudy	Moderate	Mid-Flood	B	4	10:39	9.22	8.08	31.98	20.95	2.9	3	120	0.278	NW
B2	20200313	Cloudy	Moderate	Mid-Flood	B	4	10:39	9.72	8.08	31.86	20.78	2.96	3	117	0.169	W
B2	20200313	Cloudy	Moderate	Mid-Flood	S	1	10:40	9.78	8.05	31.59	20.82	2.57	4	118	0.246	W
B2	20200313	Cloudy	Moderate	Mid-Flood	S	1	10:40	9.49	8.08	31.84	20.93	2.24	4	119	0.265	W
B3	20200313	Cloudy	Moderate	Mid-Flood	B	3.7	9:57	9.76	8.23	32	20.96	3.31	2	118	0.196	NW
B3	20200313	Cloudy	Moderate	Mid-Flood	B	3.7	9:57	9.24	8.08	31.92	20.79	3.4	4	118	0.232	W
B3	20200313	Cloudy	Moderate	Mid-Flood	S	1	9:58	9.88	8.18	31.83	20.93	2.46	3	117	0.216	W
B3	20200313	Cloudy	Moderate	Mid-Flood	S	1	9:58	9.81	8.31	31.76	20.92	2.35	3	118	0.254	W
B4	20200313	Cloudy	Moderate	Mid-Flood	B	3.8	9:49	9.84	8.06	31.92	20.65	2.92	3	118	0.265	W
B4	20200313	Cloudy	Moderate	Mid-Flood	B	3.8	9:49	9.9	8.07	31.57	20.79	3.45	4	118	0.168	W
B4	20200313	Cloudy	Moderate	Mid-Flood	S	1	9:50	9.92	8.25	31.82	20.89	2.52	3	119	0.269	W
B4	20200313	Cloudy	Moderate	Mid-Flood	S	1	9:50	9.75	8.21	31.65	20.71	2.79	3	119	0.193	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20200313	Cloudy	Moderate	Mid-Flood	B	9.8	9:04	9.31	8.12	31.67	20.79	3.17	3	118	0.199	NW
C1A	20200313	Cloudy	Moderate	Mid-Flood	B	9.8	9:04	9.89	8.17	31.87	20.6	3.12	3	119	0.282	NW
C1A	20200313	Cloudy	Moderate	Mid-Flood	M	5.4	9:05	9.95	8.32	31.66	20.68	2.72	4	119	0.19	NW
C1A	20200313	Cloudy	Moderate	Mid-Flood	M	5.4	9:05	10.06	8.07	32.02	20.8	2.86	4	117	0.237	NW
C1A	20200313	Cloudy	Moderate	Mid-Flood	S	1	9:06	9.74	8.16	31.5	20.79	2.47	3	120	0.23	W
C1A	20200313	Cloudy	Moderate	Mid-Flood	S	1	9:06	10.09	8.29	31.75	20.53	2.55	4	118	0.253	W
C2A	20200313	Cloudy	Moderate	Mid-Flood	B	10.4	8:00	9.85	8.35	31.72	20.21	2.91	3	118	0.225	W
C2A	20200313	Cloudy	Moderate	Mid-Flood	B	10.4	8:00	9.96	8.08	31.85	20.49	3.32	4	119	0.238	W
C2A	20200313	Cloudy	Moderate	Mid-Flood	M	5.7	8:01	9.55	8.23	31.56	20.25	2.6	4	118	0.196	NW
C2A	20200313	Cloudy	Moderate	Mid-Flood	M	5.7	8:01	9.5	8.07	32.05	20.24	2.56	3	118	0.248	W
C2A	20200313	Cloudy	Moderate	Mid-Flood	S	1	8:02	9.74	8.33	31.93	20.35	2.35	4	120	0.241	W
C2A	20200313	Cloudy	Moderate	Mid-Flood	S	1	8:02	9.89	8.28	31.99	20.27	2.57	5	120	0.259	W
CR1	20200313	Cloudy	Moderate	Mid-Flood	B	11.2	8:21	9.34	8.19	31.83	20.49	2.84	4	120	0.263	W
CR1	20200313	Cloudy	Moderate	Mid-Flood	B	11.2	8:21	9.87	8.29	31.79	20.49	3.18	4	117	0.247	W
CR1	20200313	Cloudy	Moderate	Mid-Flood	M	6.1	8:22	9.51	8.21	31.99	20.49	2.91	4	118	0.204	W
CR1	20200313	Cloudy	Moderate	Mid-Flood	M	6.1	8:22	9.06	8.13	31.8	20.39	2.5	3	116	0.227	W
CR1	20200313	Cloudy	Moderate	Mid-Flood	S	1	8:23	9.19	8.18	31.65	20.45	2.77	3	119	0.182	W
CR1	20200313	Cloudy	Moderate	Mid-Flood	S	1	8:23	9.1	8.07	31.86	20.26	2.33	<2	118	0.234	W
CR2	20200313	Cloudy	Moderate	Mid-Flood	B	10.8	8:35	9.61	8.14	32.02	20.57	3.23	2	119	0.178	NW
CR2	20200313	Cloudy	Moderate	Mid-Flood	B	10.8	8:35	9.13	8.13	31.57	20.62	2.98	2	119	0.18	NW
CR2	20200313	Cloudy	Moderate	Mid-Flood	M	5.9	8:36	9.5	8.08	31.79	20.51	2.89	2	119	0.205	W
CR2	20200313	Cloudy	Moderate	Mid-Flood	M	5.9	8:36	10	8.25	31.69	20.51	2.78	3	118	0.264	NW
CR2	20200313	Cloudy	Moderate	Mid-Flood	S	1	8:37	10.1	8.09	32	20.53	2.51	3	118	0.17	W
CR2	20200313	Cloudy	Moderate	Mid-Flood	S	1	8:37	9.18	8.19	31.8	20.69	2.58	3	119	0.207	W
F1A	20200313	Cloudy	Moderate	Mid-Flood	B	7.2	9:28	9.47	8.09	31.78	20.87	2.82	3	118	0.26	W
F1A	20200313	Cloudy	Moderate	Mid-Flood	B	7.2	9:28	9.71	8.29	31.55	20.77	2.8	3	119	0.242	W
F1A	20200313	Cloudy	Moderate	Mid-Flood	M	4.1	9:29	9.38	8.23	32.05	20.64	2.98	3	120	0.206	NW
F1A	20200313	Cloudy	Moderate	Mid-Flood	M	4.1	9:29	9.32	8.08	31.73	20.68	2.92	3	119	0.202	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
F1A	20200313	Cloudy	Moderate	Mid-Flood	S	1	9:30	9.97	8.19	31.69	20.64	2.27	4	119	0.252	NW
F1A	20200313	Cloudy	Moderate	Mid-Flood	S	1	9:30	9.06	8.23	31.65	20.83	2.43	4	119	0.227	NW
H1	20200313	Cloudy	Moderate	Mid-Flood	B	6.8	9:34	9.25	8.3	32.02	20.89	2.86	4	119	0.218	W
H1	20200313	Cloudy	Moderate	Mid-Flood	B	6.8	9:34	9.88	8.15	31.99	20.69	3.01	3	118	0.214	W
H1	20200313	Cloudy	Moderate	Mid-Flood	M	3.9	9:35	9.2	8.29	31.7	20.67	2.51	4	119	0.179	W
H1	20200313	Cloudy	Moderate	Mid-Flood	M	3.9	9:35	9.31	8.34	31.82	20.62	2.68	3	118	0.259	NW
H1	20200313	Cloudy	Moderate	Mid-Flood	S	1	9:36	9.64	8.35	32.04	20.68	2.42	3	119	0.189	W
H1	20200313	Cloudy	Moderate	Mid-Flood	S	1	9:36	9.05	8.29	31.94	20.88	2.26	4	120	0.255	W
M1	20200313	Cloudy	Moderate	Mid-Flood	B	6.6	9:08	9.86	8.19	31.88	20.68	2.82	5	118	0.265	W
M1	20200313	Cloudy	Moderate	Mid-Flood	B	6.6	9:08	9.57	8.25	31.62	20.64	3.13	3	119	0.263	NW
M1	20200313	Cloudy	Moderate	Mid-Flood	M	3.8	9:09	9.16	8.33	31.87	20.72	2.49	3	119	0.249	W
M1	20200313	Cloudy	Moderate	Mid-Flood	M	3.8	9:09	10.07	8.29	31.54	20.77	2.56	4	117	0.22	W
M1	20200313	Cloudy	Moderate	Mid-Flood	S	1	9:10	9.87	8.23	31.69	20.69	2.45	3	120	0.188	W
M1	20200313	Cloudy	Moderate	Mid-Flood	S	1	9:10	9.22	8.25	31.89	20.56	2.66	2	118	0.244	W
S1	20200313	Cloudy	Moderate	Mid-Flood	B	4.6	10:30	9.21	8.06	31.9	20.97	3.31	3	119	0.226	W
S1	20200313	Cloudy	Moderate	Mid-Flood	B	4.6	10:30	9.9	8.22	31.54	20.87	2.79	3	118	0.215	W
S1	20200313	Cloudy	Moderate	Mid-Flood	S	1	10:31	9.4	8.31	31.7	20.77	2.29	3	119	0.208	W
S1	20200313	Cloudy	Moderate	Mid-Flood	S	1	10:31	9.5	8.12	32.02	20.91	2.27	3	119	0.168	W
S2A	20200313	Cloudy	Moderate	Mid-Flood	B	8.8	10:10	9.34	8.35	31.72	20.84	3.24	2	118	0.231	W
S2A	20200313	Cloudy	Moderate	Mid-Flood	B	8.8	10:10	9.86	8.2	31.64	20.87	3.1	3	119	0.211	NW
S2A	20200313	Cloudy	Moderate	Mid-Flood	M	4.9	10:11	9.58	8.31	31.8	20.96	2.48	3	118	0.244	W
S2A	20200313	Cloudy	Moderate	Mid-Flood	M	4.9	10:11	9.52	8.05	31.97	20.76	2.53	3	119	0.26	NW
S2A	20200313	Cloudy	Moderate	Mid-Flood	S	1	10:12	9.12	8.13	31.54	20.83	2.29	3	119	0.183	W
S2A	20200313	Cloudy	Moderate	Mid-Flood	S	1	10:12	9.32	8.14	31.61	20.93	2.67	2	119	0.274	NW
S3	20200313	Cloudy	Moderate	Mid-Flood	B	8	8:44	9.36	8.29	31.63	20.57	3.26	3	119	0.248	NW
S3	20200313	Cloudy	Moderate	Mid-Flood	B	8	8:44	9.19	8.07	31.7	20.51	3.36	2	118	0.22	W
S3	20200313	Cloudy	Moderate	Mid-Flood	M	4.5	8:45	9.56	8.27	31.53	20.44	2.46	2	119	0.187	NW
S3	20200313	Cloudy	Moderate	Mid-Flood	M	4.5	8:45	9.86	8.17	31.93	20.58	2.64	3	119	0.178	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	20200313	Cloudy	Moderate	Mid-Flood	S	1	8:46	9.72	8.32	32.01	20.41	2.83	3	119	0.178	W
S3	20200313	Cloudy	Moderate	Mid-Flood	S	1	8:46	9.46	8.09	31.56	20.58	2.85	3	119	0.261	W
B1	20200313	Cloudy	Moderate	Mid-Ebb	B	4.2	13:34	9.84	8.13	31.32	21.44	2.9	2	120	0.243	SE
B1	20200313	Cloudy	Moderate	Mid-Ebb	B	4.2	13:34	9.69	8.24	31.58	21.84	3.06	4	119	0.211	E
B1	20200313	Cloudy	Moderate	Mid-Ebb	S	1	13:35	9.72	8.17	31.79	21.9	2.56	5	119	0.166	E
B1	20200313	Cloudy	Moderate	Mid-Ebb	S	1	13:35	8.3	8.13	31.9	21.68	2.44	3	120	0.207	SE
B2	20200313	Cloudy	Moderate	Mid-Ebb	B	4.1	13:13	8.9	8.23	31.38	21.35	3.2	2	120	0.211	E
B2	20200313	Cloudy	Moderate	Mid-Ebb	B	4.1	13:13	8.91	8.23	31.68	21.27	3.14	3	120	0.17	SE
B2	20200313	Cloudy	Moderate	Mid-Ebb	S	1	13:14	9.13	8.2	31.81	21.42	2.61	3	119	0.222	SE
B2	20200313	Cloudy	Moderate	Mid-Ebb	S	1	13:14	8.97	8.13	31.36	21.37	2.56	3	119	0.25	E
B3	20200313	Cloudy	Moderate	Mid-Ebb	B	4.3	14:04	9.77	8.23	31.8	21.31	3.1	4	121	0.198	SE
B3	20200313	Cloudy	Moderate	Mid-Ebb	B	4.3	14:04	8.26	8.01	31.43	21.32	3.36	3	121	0.198	SE
B3	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:05	8.23	8.24	31.3	21.49	2.64	4	118	0.252	SE
B3	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:05	8.48	8.1	31.81	21.51	2.46	3	120	0.249	SE
B4	20200313	Cloudy	Moderate	Mid-Ebb	B	4.1	14:12	9.43	8.17	31.48	21.58	3.16	3	120	0.174	E
B4	20200313	Cloudy	Moderate	Mid-Ebb	B	4.1	14:12	8.71	8.18	31.61	21.59	3.18	3	121	0.153	SE
B4	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:13	8.37	8.07	31.5	21.53	2.56	5	122	0.192	E
B4	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:13	8.99	8.21	31.3	21.58	2.74	4	122	0.15	E
C1A	20200313	Cloudy	Moderate	Mid-Ebb	B	10	13:12	9.25	8.13	31.62	21.22	3.17	3	122	0.17	SE
C1A	20200313	Cloudy	Moderate	Mid-Ebb	B	10	13:12	9.58	8.2	31.33	21.55	3.12	5	120	0.187	E
C1A	20200313	Cloudy	Moderate	Mid-Ebb	M	5.5	13:13	9.75	8.08	31.9	21.54	2.43	4	120	0.185	SE
C1A	20200313	Cloudy	Moderate	Mid-Ebb	M	5.5	13:13	9.04	8.01	31.83	21.72	2.18	4	121	0.233	E
C1A	20200313	Cloudy	Moderate	Mid-Ebb	S	1	13:14	8.64	8.24	31.65	21.24	2.41	3	120	0.157	SE
C1A	20200313	Cloudy	Moderate	Mid-Ebb	S	1	13:14	8.83	8.19	31.41	21.75	2.34	3	122	0.223	SE
C2A	20200313	Cloudy	Moderate	Mid-Ebb	B	11.4	14:39	9.45	8.27	31.76	21.58	2.76	3	120	0.236	SE
C2A	20200313	Cloudy	Moderate	Mid-Ebb	B	11.4	14:39	8.65	8.23	31.5	21.71	2.77	4	119	0.15	E
C2A	20200313	Cloudy	Moderate	Mid-Ebb	M	6.2	14:40	9.56	7.96	31.79	21.71	2.53	2	120	0.241	E
C2A	20200313	Cloudy	Moderate	Mid-Ebb	M	6.2	14:40	9.45	8.25	31.41	21.39	2.32	2	121	0.149	E

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:41	8.57	8.1	31.84	21.56	2.58	<2	120	0.185	SE
C2A	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:41	8.8	8.03	31.48	21.47	2.36	2	122	0.245	SE
CR1	20200313	Cloudy	Moderate	Mid-Ebb	B	12.6	14:19	9.05	8.11	31.77	21.52	2.9	2	118	0.158	SE
CR1	20200313	Cloudy	Moderate	Mid-Ebb	B	12.6	14:19	9.61	7.96	31.75	21.54	2.96	2	117	0.152	SE
CR1	20200313	Cloudy	Moderate	Mid-Ebb	M	6.8	14:20	8.57	8.14	31.81	21.59	2.72	3	119	0.246	SE
CR1	20200313	Cloudy	Moderate	Mid-Ebb	M	6.8	14:20	9.42	8.11	31.71	21.73	2.48	4	120	0.181	SE
CR1	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:21	9.37	8.24	31.64	21.33	2.62	5	118	0.186	SE
CR1	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:21	9.84	8.1	31.64	21.8	2.52	4	117	0.162	E
CR2	20200313	Cloudy	Moderate	Mid-Ebb	B	10.2	13:58	8.88	8.12	31.4	21.87	3.07	4	119	0.211	SE
CR2	20200313	Cloudy	Moderate	Mid-Ebb	B	10.2	13:58	9.22	8.27	31.36	21.72	2.91	4	119	0.203	E
CR2	20200313	Cloudy	Moderate	Mid-Ebb	M	5.6	13:59	9.37	7.99	31.75	21.37	2.27	4	119	0.242	E
CR2	20200313	Cloudy	Moderate	Mid-Ebb	M	5.6	13:59	9.56	8.14	31.84	21.6	2.68	3	119	0.196	SE
CR2	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:00	9.53	8.16	31.73	21.61	2.58	3	119	0.178	SE
CR2	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:00	8.47	8.21	31.46	21.74	2.55	3	120	0.202	E
F1A	20200313	Cloudy	Moderate	Mid-Ebb	B	8	14:34	8.36	8.1	31.63	21.66	2.73	4	119	0.228	E
F1A	20200313	Cloudy	Moderate	Mid-Ebb	B	8	14:34	9.14	8.06	31.71	21.39	2.72	3	120	0.147	SE
F1A	20200313	Cloudy	Moderate	Mid-Ebb	M	4.5	14:35	8.31	8.1	31.89	21.71	2.48	2	118	0.205	E
F1A	20200313	Cloudy	Moderate	Mid-Ebb	M	4.5	14:35	9.81	7.99	31.46	21.46	2.58	2	117	0.151	E
F1A	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:36	8.74	8.13	31.6	21.38	2.25	3	120	0.167	E
F1A	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:36	9.12	8.26	31.82	21.67	2.45	2	122	0.225	E
H1	20200313	Cloudy	Moderate	Mid-Ebb	B	8	13:39	8.28	8.05	31.34	21.63	3.16	3	121	0.153	SE
H1	20200313	Cloudy	Moderate	Mid-Ebb	B	8	13:39	8.22	8.18	31.81	21.52	2.88	4	120	0.226	SE
H1	20200313	Cloudy	Moderate	Mid-Ebb	M	4.5	13:40	8.29	8.06	31.51	21.38	2.71	3	121	0.148	E
H1	20200313	Cloudy	Moderate	Mid-Ebb	M	4.5	13:40	8.87	8.02	31.85	21.88	2.35	3	121	0.242	E
H1	20200313	Cloudy	Moderate	Mid-Ebb	S	1	13:41	9.03	8.25	31.79	21.45	2.42	3	121	0.156	E
H1	20200313	Cloudy	Moderate	Mid-Ebb	S	1	13:41	8.68	7.97	31.71	21.76	2.64	3	118	0.146	E
M1	20200313	Cloudy	Moderate	Mid-Ebb	B	8.4	14:54	8.73	8.03	31.49	21.65	3.06	2	120	0.206	SE
M1	20200313	Cloudy	Moderate	Mid-Ebb	B	8.4	14:54	8.89	8.14	31.9	21.41	3.24	3	120	0.212	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	20200313	Cloudy	Moderate	Mid-Ebb	M	4.7	14:55	9.13	8.2	31.83	21.59	2.41	4	119	0.241	SE
M1	20200313	Cloudy	Moderate	Mid-Ebb	M	4.7	14:55	8.22	8.17	31.52	21.62	2.54	3	117	0.183	SE
M1	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:56	9.42	7.98	31.55	21.43	2.2	4	120	0.235	SE
M1	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:56	9.15	8.09	31.33	21.75	2.33	4	120	0.225	SE
S1	20200313	Cloudy	Moderate	Mid-Ebb	B	4.1	13:24	9.66	7.98	31.36	21.22	2.71	4	119	0.203	SE
S1	20200313	Cloudy	Moderate	Mid-Ebb	B	4.1	13:24	8.96	8.16	31.75	21.34	2.72	3	119	0.233	SE
S1	20200313	Cloudy	Moderate	Mid-Ebb	S	1	13:25	8.39	8.05	31.64	21.38	2.53	4	120	0.218	SE
S1	20200313	Cloudy	Moderate	Mid-Ebb	S	1	13:25	9.77	8.14	31.46	21.65	2.15	2	120	0.225	SE
S2A	20200313	Cloudy	Moderate	Mid-Ebb	B	8.2	13:50	8.63	8.02	31.35	21.49	3.23	<2	120	0.21	SE
S2A	20200313	Cloudy	Moderate	Mid-Ebb	B	8.2	13:50	8.61	7.97	31.59	21.71	2.74	2	119	0.18	E
S2A	20200313	Cloudy	Moderate	Mid-Ebb	M	4.6	13:51	9.21	7.98	31.33	21.34	2.42	3	118	0.216	SE
S2A	20200313	Cloudy	Moderate	Mid-Ebb	M	4.6	13:51	9.67	8.08	31.37	21.58	2.52	2	120	0.18	E
S2A	20200313	Cloudy	Moderate	Mid-Ebb	S	1	13:52	9.46	8.11	31.51	21.86	2.31	2	120	0.187	SE
S2A	20200313	Cloudy	Moderate	Mid-Ebb	S	1	13:52	8.93	8.23	31.44	21.45	2.67	3	120	0.229	E
S3	20200313	Cloudy	Moderate	Mid-Ebb	B	9.4	14:07	9.02	8.15	31.61	21.43	3.04	6	120	0.239	SE
S3	20200313	Cloudy	Moderate	Mid-Ebb	B	9.4	14:07	9.81	8.08	31.81	21.65	3.29	5	119	0.204	E
S3	20200313	Cloudy	Moderate	Mid-Ebb	M	5.2	14:08	9.58	8.23	31.72	21.32	2.55	5	119	0.231	E
S3	20200313	Cloudy	Moderate	Mid-Ebb	M	5.2	14:08	9.75	8.15	31.5	21.36	2.43	4	120	0.184	SE
S3	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:09	9.02	8.05	31.61	21.47	2.46	3	119	0.194	SE
S3	20200313	Cloudy	Moderate	Mid-Ebb	S	1	14:09	9.56	8.1	31.54	21.59	2.54	4	118	0.19	SE
B1	20200316	Cloudy	Moderate	Mid-Ebb	B	3.7	14:41	8.58	8.24	31.35	20.35	3.25	3	120	0.198	SE
B1	20200316	Cloudy	Moderate	Mid-Ebb	B	3.7	14:41	9.28	8	31.36	20.34	3.31	4	119	0.201	E
B1	20200316	Cloudy	Moderate	Mid-Ebb	S	1	14:42	8.91	8.2	31.65	20.29	2.65	4	118	0.188	E
B1	20200316	Cloudy	Moderate	Mid-Ebb	S	1	14:42	9.83	8.05	31.44	20.32	2.55	4	119	0.234	SE
B2	20200316	Cloudy	Moderate	Mid-Ebb	B	4.6	14:24	9.26	8.23	31.32	20.45	3.23	3	117	0.224	SE
B2	20200316	Cloudy	Moderate	Mid-Ebb	B	4.6	14:24	8.88	7.98	31.64	20.3	3.22	4	119	0.201	SE
B2	20200316	Cloudy	Moderate	Mid-Ebb	S	1	14:25	9.77	8.25	31.5	20.46	2.79	4	119	0.247	SE
B2	20200316	Cloudy	Moderate	Mid-Ebb	S	1	14:25	9.65	8.08	31.3	20.36	2.41	3	119	0.155	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
B3	20200316	Cloudy	Moderate	Mid-Ebb	B	3.6	15:08	8.62	7.97	31.48	20.43	3.17	4	118	0.252	SE
B3	20200316	Cloudy	Moderate	Mid-Ebb	B	3.6	15:08	9.51	8.01	31.75	20.48	3.17	3	118	0.214	SE
B3	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:09	8.22	8.17	31.83	20.32	2.8	4	117	0.187	SE
B3	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:09	9.19	8.25	31.7	20.41	2.61	4	118	0.158	E
B4	20200316	Cloudy	Moderate	Mid-Ebb	B	3.4	15:15	9.48	8.17	31.39	20.35	3.47	4	118	0.244	E
B4	20200316	Cloudy	Moderate	Mid-Ebb	B	3.4	15:15	9.85	8.01	31.42	20.43	3.28	4	118	0.224	E
B4	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:16	9.23	8.13	31.79	20.48	2.59	3	117	0.156	SE
B4	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:16	9.28	8.14	31.71	20.37	2.52	3	117	0.158	SE
C1A	20200316	Cloudy	Moderate	Mid-Ebb	B	9.2	14:23	9.78	8.1	31.37	20.19	3.32	5	118	0.206	SE
C1A	20200316	Cloudy	Moderate	Mid-Ebb	B	9.2	14:23	8.67	8.1	31.82	20.22	3.14	4	119	0.182	SE
C1A	20200316	Cloudy	Moderate	Mid-Ebb	M	5.1	14:24	9.39	8.21	31.74	20.33	2.46	4	120	0.164	E
C1A	20200316	Cloudy	Moderate	Mid-Ebb	M	5.1	14:24	9.85	7.98	31.57	20.29	2.9	4	119	0.15	SE
C1A	20200316	Cloudy	Moderate	Mid-Ebb	S	1	14:25	9.19	8.06	31.53	20.29	2.49	4	120	0.251	SE
C1A	20200316	Cloudy	Moderate	Mid-Ebb	S	1	14:25	8.26	8.24	31.39	20.2	2.55	5	119	0.148	SE
C2A	20200316	Cloudy	Moderate	Mid-Ebb	B	10.3	15:49	9.07	8.24	30.54	20.12	3.37	3	118	0.167	SE
C2A	20200316	Cloudy	Moderate	Mid-Ebb	B	10.3	15:49	8.81	8.16	31.81	20.15	3.03	4	119	0.147	SE
C2A	20200316	Cloudy	Moderate	Mid-Ebb	M	5.65	15:50	9.83	8.27	31.9	20.26	2.9	4	119	0.227	SE
C2A	20200316	Cloudy	Moderate	Mid-Ebb	M	5.65	15:50	8.36	8.2	31.35	20.12	2.37	3	119	0.227	SE
C2A	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:51	9.55	8.13	31.75	20.3	2.8	4	118	0.233	E
C2A	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:51	9.74	7.98	31.38	20.22	2.59	3	118	0.215	SE
CR1	20200316	Cloudy	Moderate	Mid-Ebb	B	12.2	15:27	9.76	8.1	31.69	20.11	3.1	5	120	0.173	SE
CR1	20200316	Cloudy	Moderate	Mid-Ebb	B	12.2	15:27	9.46	8	31.58	20.24	3.11	4	121	0.243	SE
CR1	20200316	Cloudy	Moderate	Mid-Ebb	M	6.6	15:28	8.67	8.27	31.6	20.3	2.57	4	121	0.215	SE
CR1	20200316	Cloudy	Moderate	Mid-Ebb	M	6.6	15:28	9.89	7.99	31.38	20.11	2.41	4	119	0.245	SE
CR1	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:29	9.65	8.13	31.3	20.28	2.86	4	121	0.247	SE
CR1	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:29	9.38	8.02	31.72	20.24	2.53	4	121	0.189	SE
CR2	20200316	Cloudy	Moderate	Mid-Ebb	B	10.8	15:07	9.69	8.1	31.45	20.26	3.45	4	121	0.225	SE
CR2	20200316	Cloudy	Moderate	Mid-Ebb	B	10.8	15:07	8.25	7.99	31.31	20.38	3.23	5	121	0.191	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	20200316	Cloudy	Moderate	Mid-Ebb	M	5.9	15:08	8.97	8.12	31.79	20.14	2.72	4	121	0.166	E
CR2	20200316	Cloudy	Moderate	Mid-Ebb	M	5.9	15:08	8.25	8.27	31.73	20.13	2.44	5	120	0.19	SE
CR2	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:09	8.82	8.12	31.9	20.3	2.69	4	122	0.232	E
CR2	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:09	8.68	8.14	31.79	20.39	2.43	4	123	0.175	SE
F1A	20200316	Cloudy	Moderate	Mid-Ebb	B	7.9	15:37	8.53	8.04	31.58	20.34	3.25	4	123	0.169	SE
F1A	20200316	Cloudy	Moderate	Mid-Ebb	B	7.9	15:37	9.88	8.15	31.44	20.37	2.91	4	123	0.168	SE
F1A	20200316	Cloudy	Moderate	Mid-Ebb	M	4.45	15:38	9	8.18	31.57	20.27	2.76	4	122	0.168	SE
F1A	20200316	Cloudy	Moderate	Mid-Ebb	M	4.45	15:38	8.57	8.01	31.89	20.27	2.43	4	120	0.175	SE
F1A	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:39	8.84	8.09	31.51	20.4	2.63	4	119	0.238	SE
F1A	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:39	8.31	7.96	31.64	20.35	2.65	3	119	0.21	SE
H1	20200316	Cloudy	Moderate	Mid-Ebb	B	7.6	14:51	9.1	8.08	31.6	20.26	3	4	120	0.192	SE
H1	20200316	Cloudy	Moderate	Mid-Ebb	B	7.6	14:51	9.63	8.21	31.39	20.37	2.86	4	119	0.153	E
H1	20200316	Cloudy	Moderate	Mid-Ebb	M	4.3	14:52	9.58	8.06	31.37	20.35	2.64	4	119	0.192	E
H1	20200316	Cloudy	Moderate	Mid-Ebb	M	4.3	14:52	9.74	8.01	31.8	20.28	2.52	3	119	0.156	SE
H1	20200316	Cloudy	Moderate	Mid-Ebb	S	1	14:53	9.8	8.23	31.44	20.4	2.71	3	119	0.249	E
H1	20200316	Cloudy	Moderate	Mid-Ebb	S	1	14:53	8.63	8.19	31.66	20.25	2.48	4	118	0.215	SE
M1	20200316	Cloudy	Moderate	Mid-Ebb	B	8.6	15:57	9.26	7.96	31.82	20.36	3.26	4	122	0.171	E
M1	20200316	Cloudy	Moderate	Mid-Ebb	B	8.6	15:57	8.9	7.98	31.43	20.27	3.42	4	122	0.176	SE
M1	20200316	Cloudy	Moderate	Mid-Ebb	M	4.8	15:58	9.42	8.26	31.78	20.37	2.49	4	123	0.227	E
M1	20200316	Cloudy	Moderate	Mid-Ebb	M	4.8	15:58	8.93	8.08	31.86	20.39	2.52	4	122	0.224	SE
M1	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:59	8.63	8.09	31.62	20.43	2.4	4	119	0.171	E
M1	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:59	9.02	8	31.31	20.41	2.87	4	122	0.205	SE
S1	20200316	Cloudy	Moderate	Mid-Ebb	B	4.3	14:33	8.4	8	31.62	20.27	3.35	4	123	0.166	SE
S1	20200316	Cloudy	Moderate	Mid-Ebb	B	4.3	14:33	8.28	8.24	31.71	20.3	2.93	4	122	0.171	SE
S1	20200316	Cloudy	Moderate	Mid-Ebb	S	1	14:34	9.56	8.06	31.87	20.29	2.84	3	123	0.235	E
S1	20200316	Cloudy	Moderate	Mid-Ebb	S	1	14:34	9.01	8.02	31.88	20.44	2.8	3	120	0.231	E
S2A	20200316	Cloudy	Moderate	Mid-Ebb	B	8.4	14:55	8.69	8	31.65	20.31	3.21	4	120	0.214	SE
S2A	20200316	Cloudy	Moderate	Mid-Ebb	B	8.4	14:55	9.34	8.22	31.5	20.32	2.88	4	122	0.16	SE

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20200316	Cloudy	Moderate	Mid-Ebb	M	4.7	14:56	9.19	8.07	31.45	20.48	2.44	4	121	0.226	SE
S2A	20200316	Cloudy	Moderate	Mid-Ebb	M	4.7	14:56	9.74	8.2	31.39	20.41	2.75	4	122	0.162	E
S2A	20200316	Cloudy	Moderate	Mid-Ebb	S	1	14:57	8.97	8.04	31.88	20.28	2.9	4	121	0.156	SE
S2A	20200316	Cloudy	Moderate	Mid-Ebb	S	1	14:57	9.8	8.14	31.79	20.42	2.68	4	120	0.207	E
S3	20200316	Cloudy	Moderate	Mid-Ebb	B	9	15:15	9.63	7.99	31.3	20.37	2.97	4	120	0.172	SE
S3	20200316	Cloudy	Moderate	Mid-Ebb	B	9	15:15	8.53	8.16	31.68	20.3	3.09	4	122	0.2	SE
S3	20200316	Cloudy	Moderate	Mid-Ebb	M	5	15:16	9.2	8.27	31.69	20.34	2.47	4	122	0.173	E
S3	20200316	Cloudy	Moderate	Mid-Ebb	M	5	15:16	9.09	8.23	31.8	20.22	2.48	4	124	0.246	SE
S3	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:17	9.77	8.15	31.47	20.29	2.74	4	122	0.179	E
S3	20200316	Cloudy	Moderate	Mid-Ebb	S	1	15:17	9.19	8.18	31.33	20.27	2.52	4	120	0.234	SE
B1	20200316	Cloudy	Moderate	Mid-Flood	B	3.7	11:23	8.91	8.23	30.79	21.17	3.33	4	118	0.179	W
B1	20200316	Cloudy	Moderate	Mid-Flood	B	3.7	11:23	9.29	8.15	30.75	20.9	3.43	4	119	0.195	NW
B1	20200316	Cloudy	Moderate	Mid-Flood	S	1	11:24	9.43	8.07	30.79	21.08	2.66	3	118	0.231	NW
B1	20200316	Cloudy	Moderate	Mid-Flood	S	1	11:24	9.34	8.24	30.81	21.01	2.77	4	118	0.221	W
B2	20200316	Cloudy	Moderate	Mid-Flood	B	3.7	11:41	9.53	8.12	30.81	21.09	3.65	4	120	0.188	W
B2	20200316	Cloudy	Moderate	Mid-Flood	B	3.7	11:41	9.26	8.19	30.83	20.97	3.26	3	120	0.242	NW
B2	20200316	Cloudy	Moderate	Mid-Flood	S	1	11:42	9.18	8.17	30.56	20.81	2.64	4	120	0.25	W
B2	20200316	Cloudy	Moderate	Mid-Flood	S	1	11:42	9.66	8.25	30.75	21.02	2.62	3	118	0.173	W
B3	20200316	Cloudy	Moderate	Mid-Flood	B	4.1	10:59	9.86	8.05	30.71	20.94	3.83	5	119	0.234	NW
B3	20200316	Cloudy	Moderate	Mid-Flood	B	4.1	10:59	8.88	8.26	30.67	20.94	3.7	4	117	0.172	W
B3	20200316	Cloudy	Moderate	Mid-Flood	S	1	11:00	8.92	8.14	30.95	20.82	3.23	4	120	0.199	W
B3	20200316	Cloudy	Moderate	Mid-Flood	S	1	11:00	9.53	8.3	30.71	20.84	2.72	4	119	0.187	W
B4	20200316	Cloudy	Moderate	Mid-Flood	B	4.5	10:51	9.03	8.09	30.59	20.99	3.62	4	117	0.226	W
B4	20200316	Cloudy	Moderate	Mid-Flood	B	4.5	10:51	9.1	8.22	30.84	20.87	3.46	4	119	0.208	W
B4	20200316	Cloudy	Moderate	Mid-Flood	S	1	10:52	9.77	8.09	30.67	21.04	2.65	4	120	0.221	W
B4	20200316	Cloudy	Moderate	Mid-Flood	S	1	10:52	9.89	8.23	30.87	21.1	2.82	4	118	0.238	NW
C1A	20200316	Cloudy	Moderate	Mid-Flood	B	10.5	10:04	9.25	8.26	30.66	20.81	3.68	6	120	0.181	W
C1A	20200316	Cloudy	Moderate	Mid-Flood	B	10.5	10:04	9	8.24	30.83	20.91	3.19	6	119	0.254	W

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20200316	Cloudy	Moderate	Mid-Flood	M	5.75	10:05	9.1	8.24	30.62	21.08	2.89	4	119	0.252	W
C1A	20200316	Cloudy	Moderate	Mid-Flood	M	5.75	10:05	9.46	8.17	30.69	20.85	3.29	4	120	0.241	W
C1A	20200316	Cloudy	Moderate	Mid-Flood	S	1	10:06	9.57	8.22	30.8	20.99	2.68	4	118	0.225	W
C1A	20200316	Cloudy	Moderate	Mid-Flood	S	1	10:06	9.59	8.26	30.94	21.09	3.16	4	120	0.175	NW
C2A	20200316	Cloudy	Moderate	Mid-Flood	B	10.8	8:58	9.17	8.23	30.79	21.05	3.41	3	121	0.194	W
C2A	20200316	Cloudy	Moderate	Mid-Flood	B	10.8	8:58	9.45	8.08	30.76	20.76	3.35	4	118	0.245	W
C2A	20200316	Cloudy	Moderate	Mid-Flood	M	5.9	8:59	9.04	8.29	30.91	20.74	2.9	3	120	0.234	W
C2A	20200316	Cloudy	Moderate	Mid-Flood	M	5.9	8:59	9.52	8.19	30.8	20.75	3.1	3	119	0.168	W
C2A	20200316	Cloudy	Moderate	Mid-Flood	S	1	9:00	9.24	8.21	30.88	20.87	2.91	4	120	0.2	W
C2A	20200316	Cloudy	Moderate	Mid-Flood	S	1	9:00	9.88	8.06	30.94	21.03	3.09	4	117	0.257	NW
CR1	20200316	Cloudy	Moderate	Mid-Flood	B	11.2	9:16	9.51	8.12	30.9	21.06	3.15	3	117	0.217	NW
CR1	20200316	Cloudy	Moderate	Mid-Flood	B	11.2	9:16	9.42	8.16	30.69	20.91	3.27	3	116	0.199	W
CR1	20200316	Cloudy	Moderate	Mid-Flood	M	6.1	9:17	8.86	8.08	30.61	20.91	2.85	3	118	0.221	W
CR1	20200316	Cloudy	Moderate	Mid-Flood	M	6.1	9:17	9.86	8.12	30.9	21.09	3.3	3	117	0.216	W
CR1	20200316	Cloudy	Moderate	Mid-Flood	S	1	9:18	9.14	8.28	30.61	20.81	2.73	2	118	0.191	W
CR1	20200316	Cloudy	Moderate	Mid-Flood	S	1	9:18	9.58	8.22	30.61	20.96	3	3	118	0.173	W
CR2	20200316	Cloudy	Moderate	Mid-Flood	B	10.9	9:32	9.02	8.25	30.72	21.09	3.15	5	118	0.241	W
CR2	20200316	Cloudy	Moderate	Mid-Flood	B	10.9	9:32	9.27	8.31	30.61	20.92	3.19	6	118	0.204	W
CR2	20200316	Cloudy	Moderate	Mid-Flood	M	5.95	9:33	9.51	8.07	30.61	20.9	3.12	4	117	0.192	NW
CR2	20200316	Cloudy	Moderate	Mid-Flood	M	5.95	9:33	9.59	8.12	30.85	20.98	3.01	3	117	0.184	W
CR2	20200316	Cloudy	Moderate	Mid-Flood	S	1	9:34	9.69	8.15	30.55	21.04	3.1	3	117	0.19	W
CR2	20200316	Cloudy	Moderate	Mid-Flood	S	1	9:34	9.47	8.15	30.72	21.1	2.71	4	118	0.184	W
F1A	20200316	Cloudy	Moderate	Mid-Flood	B	6.6	10:27	9.22	8.24	30.67	20.83	3.25	4	120	0.237	W
F1A	20200316	Cloudy	Moderate	Mid-Flood	B	6.6	10:27	9.24	8.11	30.6	20.89	3.49	4	119	0.206	W
F1A	20200316	Cloudy	Moderate	Mid-Flood	M	3.8	10:28	9.41	8.29	30.57	20.77	2.82	4	120	0.193	W
F1A	20200316	Cloudy	Moderate	Mid-Flood	M	3.8	10:28	9.75	8.29	30.69	20.8	3.02	4	120	0.258	W
F1A	20200316	Cloudy	Moderate	Mid-Flood	S	1	10:29	9.28	8.18	30.67	20.98	2.61	4	120	0.181	W
F1A	20200316	Cloudy	Moderate	Mid-Flood	S	1	10:29	8.87	8.22	30.64	21.04	2.95	4	118	0.217	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
H1	20200316	Cloudy	Moderate	Mid-Flood	B	7	10:34	9.53	8.13	30.94	21.15	3.38	4	119	0.186	W
H1	20200316	Cloudy	Moderate	Mid-Flood	B	7	10:34	9.16	8.25	30.87	21	3.42	5	120	0.237	W
H1	20200316	Cloudy	Moderate	Mid-Flood	M	4	10:35	9.52	8.16	30.65	20.95	2.92	4	120	0.252	W
H1	20200316	Cloudy	Moderate	Mid-Flood	M	4	10:35	8.98	8.09	30.95	21.07	3.21	4	120	0.26	W
H1	20200316	Cloudy	Moderate	Mid-Flood	S	1	10:36	9.17	8.29	30.58	20.93	2.67	4	118	0.211	W
H1	20200316	Cloudy	Moderate	Mid-Flood	S	1	10:36	9.33	8.13	30.64	21.11	2.65	4	118	0.245	W
M1	20200316	Cloudy	Moderate	Mid-Flood	B	6.8	10:06	9.54	8.15	30.95	20.79	3.51	4	117	0.256	NW
M1	20200316	Cloudy	Moderate	Mid-Flood	B	6.8	10:06	9.28	8.05	30.56	20.82	3.13	4	118	0.198	NW
M1	20200316	Cloudy	Moderate	Mid-Flood	M	3.9	10:07	9.43	8.26	30.7	20.8	2.93	5	118	0.251	W
M1	20200316	Cloudy	Moderate	Mid-Flood	M	3.9	10:07	9.85	8.3	30.79	20.94	3.2	4	118	0.197	W
M1	20200316	Cloudy	Moderate	Mid-Flood	S	1	10:08	9.5	8.28	30.6	21	2.79	4	117	0.196	W
M1	20200316	Cloudy	Moderate	Mid-Flood	S	1	10:08	9.16	8.15	30.9	20.73	2.68	5	116	0.178	W
S1	20200316	Cloudy	Moderate	Mid-Flood	B	4.2	11:32	9.77	8.06	30.68	20.84	3.25	3	119	0.191	W
S1	20200316	Cloudy	Moderate	Mid-Flood	B	4.2	11:32	9.69	8.3	30.91	21.05	3.69	4	119	0.177	W
S1	20200316	Cloudy	Moderate	Mid-Flood	S	1	11:33	9.4	8.12	30.58	21.07	2.65	3	119	0.259	W
S1	20200316	Cloudy	Moderate	Mid-Flood	S	1	11:33	9.89	8.21	30.68	21.02	2.8	3	119	0.232	W
S2A	20200316	Cloudy	Moderate	Mid-Flood	B	8.9	11:12	9.22	8.1	30.94	20.94	3.45	3	119	0.169	W
S2A	20200316	Cloudy	Moderate	Mid-Flood	B	8.9	11:12	9.86	8.13	30.93	20.88	3.17	4	119	0.194	W
S2A	20200316	Cloudy	Moderate	Mid-Flood	M	4.95	11:13	9.18	8.28	30.61	20.89	2.8	3	120	0.182	NW
S2A	20200316	Cloudy	Moderate	Mid-Flood	M	4.95	11:13	8.94	8.06	30.94	21.13	3	3	119	0.206	W
S2A	20200316	Cloudy	Moderate	Mid-Flood	S	1	11:14	9.6	8.2	30.58	20.93	3.17	3	119	0.222	W
S2A	20200316	Cloudy	Moderate	Mid-Flood	S	1	11:14	9.25	8.05	30.76	21.01	2.7	3	120	0.184	W
S3	20200316	Cloudy	Moderate	Mid-Flood	B	9.5	9:42	9.08	8.2	30.65	20.85	3.81	2	119	0.214	NW
S3	20200316	Cloudy	Moderate	Mid-Flood	B	9.5	9:42	9.66	8.12	30.86	20.84	3.81	3	121	0.261	W
S3	20200316	Cloudy	Moderate	Mid-Flood	M	5.25	9:43	9.34	8.11	30.68	21.03	3.04	3	119	0.214	W
S3	20200316	Cloudy	Moderate	Mid-Flood	M	5.25	9:43	9.2	8.15	30.73	21.11	2.8	3	118	0.177	NW
S3	20200316	Cloudy	Moderate	Mid-Flood	S	1	9:44	9.86	8.19	30.77	21.13	2.78	3	119	0.21	W
S3	20200316	Cloudy	Moderate	Mid-Flood	S	1	9:44	9.53	8.2	30.85	21.07	3.13	3	120	0.203	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	20200318	Cloudy	Moderate	Mid-Flood	B	3.9	13:26	8.97	8.23	30.42	20.42	3.08	3	117	0.278	W
B1	20200318	Cloudy	Moderate	Mid-Flood	B	3.9	13:26	9.05	8.28	30.72	20.4	2.96	3	119	0.262	NW
B1	20200318	Cloudy	Moderate	Mid-Flood	S	1	13:27	9.17	8.27	30.69	20.4	2.57	3	117	0.271	NW
B1	20200318	Cloudy	Moderate	Mid-Flood	S	1	13:27	9.84	8.24	30.33	20.41	2.82	3	117	0.215	W
B2	20200318	Cloudy	Moderate	Mid-Flood	B	3.6	13:43	9.24	8.18	30.16	20.46	3.24	3	118	0.173	W
B2	20200318	Cloudy	Moderate	Mid-Flood	B	3.6	13:43	9.22	8.14	30.36	20.3	3.12	3	117	0.281	W
B2	20200318	Cloudy	Moderate	Mid-Flood	S	1	13:44	9.47	8.17	30.62	20.36	2.49	4	119	0.257	W
B2	20200318	Cloudy	Moderate	Mid-Flood	S	1	13:44	9.59	8.06	30.42	20.33	2.61	4	119	0.253	W
B3	20200318	Cloudy	Moderate	Mid-Flood	B	4.2	12:59	8.86	8.18	30.48	20.4	3.11	6	118	0.204	W
B3	20200318	Cloudy	Moderate	Mid-Flood	B	4.2	12:59	9.27	8.24	30.67	20.46	3.29	6	118	0.276	NW
B3	20200318	Cloudy	Moderate	Mid-Flood	S	1	13:00	9.3	8.01	30.52	20.5	2.52	5	116	0.185	W
B3	20200318	Cloudy	Moderate	Mid-Flood	S	1	13:00	9.02	8.28	30.38	20.4	2.89	5	118	0.223	W
B4	20200318	Cloudy	Moderate	Mid-Flood	B	4.3	12:50	9.18	8.11	30.68	20.39	3.38	6	118	0.189	W
B4	20200318	Cloudy	Moderate	Mid-Flood	B	4.3	12:50	8.82	8.28	30.61	20.57	3.55	6	115	0.174	W
B4	20200318	Cloudy	Moderate	Mid-Flood	S	1	12:51	9.12	8.24	30.3	20.4	2.92	5	118	0.255	W
B4	20200318	Cloudy	Moderate	Mid-Flood	S	1	12:51	9.59	8.01	30.37	20.36	3	5	118	0.216	NW
C1A	20200318	Cloudy	Moderate	Mid-Flood	B	9.8	12:18	9.33	8.25	30.17	20.31	2.92	6	117	0.214	W
C1A	20200318	Cloudy	Moderate	Mid-Flood	B	9.8	12:18	9.83	8.06	30.58	20.27	3.07	6	118	0.231	W
C1A	20200318	Cloudy	Moderate	Mid-Flood	M	5.4	12:19	9.29	8.06	30.33	20.31	2.59	5	117	0.232	W
C1A	20200318	Cloudy	Moderate	Mid-Flood	M	5.4	12:19	9.34	8.16	30.26	20.32	2.94	5	118	0.197	W
C1A	20200318	Cloudy	Moderate	Mid-Flood	S	1	12:20	8.97	8.21	30.18	20.38	2.6	5	118	0.244	W
C1A	20200318	Cloudy	Moderate	Mid-Flood	S	1	12:20	9.64	8.16	30.65	20.26	2.65	5	118	0.255	W
C2A	20200318	Cloudy	Moderate	Mid-Flood	B	10.2	11:06	9.65	8.19	30.3	20.19	3.12	7	118	0.255	W
C2A	20200318	Cloudy	Moderate	Mid-Flood	B	10.2	11:06	9.34	8.21	30.35	20.23	2.91	6	118	0.244	W
C2A	20200318	Cloudy	Moderate	Mid-Flood	M	5.6	11:07	8.71	8.16	30.4	20.1	2.55	6	116	0.26	W
C2A	20200318	Cloudy	Moderate	Mid-Flood	M	5.6	11:07	9.29	8.02	30.59	20.17	2.93	6	118	0.257	W
C2A	20200318	Cloudy	Moderate	Mid-Flood	S	1	11:08	8.87	8.3	30.58	20.35	2.81	5	119	0.215	W
C2A	20200318	Cloudy	Moderate	Mid-Flood	S	1	11:08	9.58	8.09	30.15	20.17	2.38	5	117	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
CR1	20200318	Cloudy	Moderate	Mid-Flood	B	11.6	11:31	8.69	8.17	30.21	20.26	3.28	4	117	0.279	W
CR1	20200318	Cloudy	Moderate	Mid-Flood	B	11.6	11:31	9.08	8.22	30.31	20.35	3.42	4	119	0.189	W
CR1	20200318	Cloudy	Moderate	Mid-Flood	M	6.3	11:32	9.37	8.05	30.31	20.27	2.94	4	116	0.258	W
CR1	20200318	Cloudy	Moderate	Mid-Flood	M	6.3	11:32	9.32	8.16	30.34	20.18	3.03	4	116	0.258	W
CR1	20200318	Cloudy	Moderate	Mid-Flood	S	1	11:33	8.92	8.19	30.12	20.26	2.52	4	116	0.282	W
CR1	20200318	Cloudy	Moderate	Mid-Flood	S	1	11:33	8.98	8.15	30.31	20.35	2.84	5	118	0.281	W
CR2	20200318	Cloudy	Moderate	Mid-Flood	B	9.7	11:47	9.52	8.08	30.74	20.28	3.08	4	119	0.183	W
CR2	20200318	Cloudy	Moderate	Mid-Flood	B	9.7	11:47	9.64	8.2	30.37	20.42	2.96	4	116	0.275	W
CR2	20200318	Cloudy	Moderate	Mid-Flood	M	5.35	11:48	8.82	8.08	30.14	20.42	3.02	4	118	0.264	W
CR2	20200318	Cloudy	Moderate	Mid-Flood	M	5.35	11:48	9.69	8.13	30.72	20.3	2.66	4	117	0.253	NW
CR2	20200318	Cloudy	Moderate	Mid-Flood	S	1	11:49	9.61	8.05	30.57	20.24	2.47	5	115	0.168	W
CR2	20200318	Cloudy	Moderate	Mid-Flood	S	1	11:49	9.73	8.3	30.39	20.32	2.39	5	118	0.254	NW
F1A	20200318	Cloudy	Moderate	Mid-Flood	B	6.9	12:28	9.65	8.27	30.36	20.51	3.17	3	117	0.252	W
F1A	20200318	Cloudy	Moderate	Mid-Flood	B	6.9	12:28	9.51	8.16	30.28	20.42	3.43	3	117	0.235	W
F1A	20200318	Cloudy	Moderate	Mid-Flood	M	3.95	12:29	8.79	8.21	30.52	20.5	3.01	6	118	0.282	NW
F1A	20200318	Cloudy	Moderate	Mid-Flood	M	3.95	12:29	9.71	8.01	30.15	20.49	2.8	5	118	0.179	W
F1A	20200318	Cloudy	Moderate	Mid-Flood	S	1	12:30	8.76	8.29	30.23	20.41	2.52	7	117	0.245	W
F1A	20200318	Cloudy	Moderate	Mid-Flood	S	1	12:30	9.03	8.06	30.45	20.35	2.52	7	117	0.226	NW
H1	20200318	Cloudy	Moderate	Mid-Flood	B	6.7	12:43	9.82	8.13	30.38	20.42	3.33	5	117	0.193	W
H1	20200318	Cloudy	Moderate	Mid-Flood	B	6.7	12:43	9.49	8.19	30.19	20.3	2.95	5	118	0.186	NW
H1	20200318	Cloudy	Moderate	Mid-Flood	M	3.85	12:44	9.36	8.26	30.6	20.46	2.82	5	118	0.169	NW
H1	20200318	Cloudy	Moderate	Mid-Flood	M	3.85	12:44	9.39	8.3	30.32	20.48	2.72	6	117	0.268	W
H1	20200318	Cloudy	Moderate	Mid-Flood	S	1	12:45	8.71	8.24	30.6	20.43	2.55	6	119	0.2	NW
H1	20200318	Cloudy	Moderate	Mid-Flood	S	1	12:45	8.76	8.24	30.52	20.51	2.73	6	119	0.221	W
M1	20200318	Cloudy	Moderate	Mid-Flood	B	7.4	12:07	8.69	8.1	30.17	20.51	3.27	5	118	0.2	W
M1	20200318	Cloudy	Moderate	Mid-Flood	B	7.4	12:07	9.3	8.01	30.47	20.43	2.9	6	118	0.262	W
M1	20200318	Cloudy	Moderate	Mid-Flood	M	4.2	12:08	9.01	8.27	30.34	20.5	2.69	4	118	0.172	W
M1	20200318	Cloudy	Moderate	Mid-Flood	M	4.2	12:08	9.59	8.29	30.15	20.35	2.69	4	118	0.256	NW



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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20200318	Cloudy	Moderate	Mid-Flood	S	1	12:09	9.4	8.16	30.16	20.44	2.86	4	117	0.215	W
M1	20200318	Cloudy	Moderate	Mid-Flood	S	1	12:09	9.46	8.04	30.15	20.43	2.54	4	118	0.207	W
S1	20200318	Cloudy	Moderate	Mid-Flood	B	4.4	13:35	8.74	8.26	30.17	20.31	2.97	3	117	0.182	W
S1	20200318	Cloudy	Moderate	Mid-Flood	B	4.4	13:35	8.93	8.18	30.17	20.44	3.22	3	118	0.177	W
S1	20200318	Cloudy	Moderate	Mid-Flood	S	1	13:36	9.24	8.29	30.18	20.37	2.58	4	116	0.241	W
S1	20200318	Cloudy	Moderate	Mid-Flood	S	1	13:36	9.17	8.2	30.29	20.29	2.7	4	118	0.236	W
S2A	20200318	Cloudy	Moderate	Mid-Flood	B	8.9	13:12	9.51	8.16	30.58	20.46	3.21	5	117	0.23	NW
S2A	20200318	Cloudy	Moderate	Mid-Flood	B	8.9	13:12	9.09	8.2	30.68	20.29	3.29	5	116	0.278	W
S2A	20200318	Cloudy	Moderate	Mid-Flood	M	4.95	13:13	9.11	8.3	30.36	20.45	2.83	4	118	0.275	W
S2A	20200318	Cloudy	Moderate	Mid-Flood	M	4.95	13:13	9.53	8.27	30.28	20.47	2.65	4	118	0.273	W
S2A	20200318	Cloudy	Moderate	Mid-Flood	S	1	13:14	9.34	8.25	30.51	20.31	2.64	4	118	0.183	W
S2A	20200318	Cloudy	Moderate	Mid-Flood	S	1	13:14	9.73	8.16	30.17	20.31	2.93	4	117	0.209	W
S3	20200318	Cloudy	Moderate	Mid-Flood	B	8.9	11:58	9.53	8.06	30.33	20.39	3.51	4	118	0.198	W
S3	20200318	Cloudy	Moderate	Mid-Flood	B	8.9	11:58	9.28	8.21	30.5	20.25	3.08	4	117	0.197	NW
S3	20200318	Cloudy	Moderate	Mid-Flood	M	4.95	11:59	9.17	8.08	30.52	20.44	3.05	4	117	0.24	W
S3	20200318	Cloudy	Moderate	Mid-Flood	M	4.95	11:59	9.72	8.21	30.63	20.31	2.59	4	118	0.203	NW
S3	20200318	Cloudy	Moderate	Mid-Flood	S	1	12:00	8.93	8.07	30.44	20.37	2.81	4	116	0.178	W
S3	20200318	Cloudy	Moderate	Mid-Flood	S	1	12:00	8.75	8.1	30.26	20.22	2.59	5	117	0.195	W
B1	20200318	Cloudy	Moderate	Mid-Ebb	B	3.8	17:19	9.23	8.13	30.26	20.3	3.32	4	116	0.153	SE
B1	20200318	Cloudy	Moderate	Mid-Ebb	B	3.8	17:19	8.89	8.22	30.38	20.44	3.06	4	115	0.22	E
B1	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:20	8.92	8.08	30.36	20.48	2.41	4	117	0.226	SE
B1	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:20	9.35	8.11	30.33	20.32	2.59	3	118	0.17	SE
B2	20200318	Cloudy	Moderate	Mid-Ebb	B	4.2	17:42	8.73	8.17	30.69	20.41	3.03	3	116	0.211	SE
B2	20200318	Cloudy	Moderate	Mid-Ebb	B	4.2	17:42	8.84	8.07	30.5	20.34	3.32	3	117	0.252	SE
B2	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:43	9.86	8.23	30.12	20.33	2.75	4	116	0.245	SE
B2	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:43	9.14	8.27	30.26	20.47	2.41	4	115	0.201	SE
B3	20200318	Cloudy	Moderate	Mid-Ebb	B	3.9	17:11	9.31	8.07	30.67	20.48	3.55	3	115	0.2	E
B3	20200318	Cloudy	Moderate	Mid-Ebb	B	3.9	17:11	9.37	8.16	30.45	20.27	3.54	3	117	0.248	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
B3	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:12	8.85	8.16	30.7	20.39	2.82	3	118	0.214	SE
B3	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:12	9.32	8.23	30.1	20.36	2.39	3	119	0.21	E
B4	20200318	Cloudy	Moderate	Mid-Ebb	B	3.4	17:19	9.79	8.17	30.28	20.49	3.28	3	117	0.208	SE
B4	20200318	Cloudy	Moderate	Mid-Ebb	B	3.4	17:19	8.78	8.07	30.54	20.45	3.27	3	117	0.166	E
B4	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:20	8.91	8.08	30.26	20.26	2.83	3	115	0.246	SE
B4	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:20	8.77	8.14	30.13	20.28	2.5	3	116	0.22	E
C1A	20200318	Cloudy	Moderate	Mid-Ebb	B	9.5	16:50	9.81	8.05	30.57	20.38	3.43	3	116	0.231	E
C1A	20200318	Cloudy	Moderate	Mid-Ebb	B	9.5	16:50	9.25	8.03	30.4	20.34	2.96	3	115	0.204	SE
C1A	20200318	Cloudy	Moderate	Mid-Ebb	M	5.25	16:51	9.47	8.05	30.46	20.37	2.75	3	116	0.244	SE
C1A	20200318	Cloudy	Moderate	Mid-Ebb	M	5.25	16:51	8.96	8.17	30.47	20.49	2.52	3	116	0.183	SE
C1A	20200318	Cloudy	Moderate	Mid-Ebb	S	1	16:52	9.44	8.18	30.25	20.35	2.68	5	118	0.247	SE
C1A	20200318	Cloudy	Moderate	Mid-Ebb	S	1	16:52	9.48	8.05	30.66	20.37	2.77	4	117	0.165	SE
C2A	20200318	Cloudy	Moderate	Mid-Ebb	B	10.5	16:50	9.4	8.14	30.55	20.42	3.11	2	116	0.201	SE
C2A	20200318	Cloudy	Moderate	Mid-Ebb	B	10.5	16:50	9.32	8.04	30.7	20.42	3.27	2	117	0.148	SE
C2A	20200318	Cloudy	Moderate	Mid-Ebb	M	5.75	16:51	9.61	8.17	30.69	20.37	2.67	3	117	0.168	SE
C2A	20200318	Cloudy	Moderate	Mid-Ebb	M	5.75	16:51	9.39	8.26	30.22	20.42	2.36	2	117	0.151	SE
C2A	20200318	Cloudy	Moderate	Mid-Ebb	S	1	16:52	9.46	8.25	30.38	20.44	2.79	3	116	0.182	SE
C2A	20200318	Cloudy	Moderate	Mid-Ebb	S	1	16:52	9.48	8.15	30.26	20.55	2.59	3	116	0.163	SE
CR1	20200318	Cloudy	Moderate	Mid-Ebb	B	12.4	18:40	9.2	8.07	30.07	20.17	3.34	<2	116	0.236	SE
CR1	20200318	Cloudy	Moderate	Mid-Ebb	B	12.4	18:40	9.76	8.27	30.6	20.43	2.88	<2	117	0.211	SE
CR1	20200318	Cloudy	Moderate	Mid-Ebb	M	6.7	18:41	9.66	8.27	30.48	20.22	2.36	<2	116	0.207	E
CR1	20200318	Cloudy	Moderate	Mid-Ebb	M	6.7	18:41	9.36	8.08	30.41	20.24	2.56	<2	115	0.181	SE
CR1	20200318	Cloudy	Moderate	Mid-Ebb	S	1	18:42	9.59	8.13	30.15	20.2	2.87	<2	116	0.247	SE
CR1	20200318	Cloudy	Moderate	Mid-Ebb	S	1	18:42	9.15	8.03	30.07	20.43	2.61	<2	116	0.23	SE
CR2	20200318	Cloudy	Moderate	Mid-Ebb	B	11	18:24	8.79	8.12	30.35	20.45	3.28	3	117	0.224	SE
CR2	20200318	Cloudy	Moderate	Mid-Ebb	B	11	18:24	8.91	8.04	30.67	20.37	3.39	3	116	0.238	E
CR2	20200318	Cloudy	Moderate	Mid-Ebb	M	6	18:25	8.87	8.1	30.61	20.43	2.62	2	115	0.191	SE
CR2	20200318	Cloudy	Moderate	Mid-Ebb	M	6	18:25	8.84	8.12	30.45	20.37	2.52	2	117	0.222	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
CR2	20200318	Cloudy	Moderate	Mid-Ebb	S	1	18:26	9.78	8.1	30.51	20.18	2.6	<2	118	0.228	SE
CR2	20200318	Cloudy	Moderate	Mid-Ebb	S	1	18:26	9.89	8.1	30.26	20.39	2.37	<2	117	0.196	SE
F1A	20200318	Cloudy	Moderate	Mid-Ebb	B	7.3	17:37	9.34	8.21	30.47	20.48	3.34	4	118	0.208	SE
F1A	20200318	Cloudy	Moderate	Mid-Ebb	B	7.3	17:37	8.83	8.22	30.38	20.29	3.38	4	116	0.215	SE
F1A	20200318	Cloudy	Moderate	Mid-Ebb	M	4.15	17:38	9.88	8.11	30.1	20.36	2.87	4	117	0.158	SE
F1A	20200318	Cloudy	Moderate	Mid-Ebb	M	4.15	17:38	9.17	8.15	30.54	20.3	2.61	4	115	0.223	SE
F1A	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:39	9.06	8.16	30.24	20.31	2.73	4	117	0.248	SE
F1A	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:39	9.82	8.27	30.12	20.4	2.4	3	116	0.151	SE
H1	20200318	Cloudy	Moderate	Mid-Ebb	B	8	17:02	9.89	8.2	30.49	20.44	2.87	5	117	0.179	SE
H1	20200318	Cloudy	Moderate	Mid-Ebb	B	8	17:02	9.06	8.08	30.6	20.39	3.04	5	118	0.188	SE
H1	20200318	Cloudy	Moderate	Mid-Ebb	M	4.5	17:03	9.86	8.1	30.49	20.53	2.66	5	118	0.237	E
H1	20200318	Cloudy	Moderate	Mid-Ebb	M	4.5	17:03	9.12	8.18	30.07	20.37	2.46	4	118	0.2	E
H1	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:04	9.62	8.1	30.51	20.33	2.37	4	116	0.179	SE
H1	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:04	9.36	8.19	30.68	20.38	2.81	4	117	0.146	E
M1	20200318	Cloudy	Moderate	Mid-Ebb	B	8.3	17:56	9.37	8.18	30.66	20.37	3.29	3	115	0.181	E
M1	20200318	Cloudy	Moderate	Mid-Ebb	B	8.3	17:56	9.78	8.08	30.25	20.25	3.43	3	116	0.236	SE
M1	20200318	Cloudy	Moderate	Mid-Ebb	M	4.65	17:57	9.73	8.18	30.42	20.45	2.6	3	116	0.245	SE
M1	20200318	Cloudy	Moderate	Mid-Ebb	M	4.65	17:57	9.5	8.04	30.33	20.29	2.73	4	114	0.206	SE
M1	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:58	9.42	8.26	30.33	20.27	2.62	4	117	0.157	E
M1	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:58	9.56	8.27	30.68	20.24	2.62	4	115	0.153	E
S1	20200318	Cloudy	Moderate	Mid-Ebb	B	4	17:34	9.36	8.26	30.66	20.31	2.9	4	117	0.204	E
S1	20200318	Cloudy	Moderate	Mid-Ebb	B	4	17:34	8.79	8.2	30.58	20.46	3.31	4	117	0.17	SE
S1	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:35	9.34	8.17	30.16	20.31	2.68	5	117	0.202	SE
S1	20200318	Cloudy	Moderate	Mid-Ebb	S	1	17:35	9.14	8.22	30.19	20.28	2.67	5	117	0.232	E
S2A	20200318	Cloudy	Moderate	Mid-Ebb	B	7.9	18:00	9.55	8.24	30.42	20.44	3.04	2	117	0.228	SE
S2A	20200318	Cloudy	Moderate	Mid-Ebb	B	7.9	18:00	9.01	8.23	30.62	20.27	3.28	2	116	0.237	SE
S2A	20200318	Cloudy	Moderate	Mid-Ebb	M	4.45	18:01	8.84	8.11	30.51	20.42	2.67	5	116	0.213	SE
S2A	20200318	Cloudy	Moderate	Mid-Ebb	M	4.45	18:01	8.95	8.11	30.24	20.34	2.59	5	117	0.199	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
S2A	20200318	Cloudy	Moderate	Mid-Ebb	S	1	18:02	8.94	8.12	30.39	20.45	2.9	7	117	0.192	SE
S2A	20200318	Cloudy	Moderate	Mid-Ebb	S	1	18:02	8.76	8.27	30.5	20.34	2.75	6	116	0.232	SE
S3	20200318	Cloudy	Moderate	Mid-Ebb	B	10.5	18:31	9.79	8.23	30.25	20.3	3.19	2	114	0.148	SE
S3	20200318	Cloudy	Moderate	Mid-Ebb	B	10.5	18:31	8.95	8.15	30.56	20.4	3.22	2	117	0.223	E
S3	20200318	Cloudy	Moderate	Mid-Ebb	M	5.75	18:32	8.94	8.17	30.08	20.34	2.84	2	115	0.165	SE
S3	20200318	Cloudy	Moderate	Mid-Ebb	M	5.75	18:32	8.97	8.05	30.6	20.35	2.76	2	116	0.226	E
S3	20200318	Cloudy	Moderate	Mid-Ebb	S	1	18:33	9.25	8.09	30.1	20.3	2.98	2	117	0.235	SE
S3	20200318	Cloudy	Moderate	Mid-Ebb	S	1	18:33	9.18	8.15	30.4	20.17	2.81	3	116	0.194	SE
B1	20200320	Cloudy	Moderate	Mid-Ebb	B	3.6	11:35	9.01	7.98	31.63	21.5	3.28	2	120	0.24	SE
B1	20200320	Cloudy	Moderate	Mid-Ebb	B	3.6	11:35	9.14	8.15	31.68	21.45	3.27	2	120	0.201	SE
B1	20200320	Cloudy	Moderate	Mid-Ebb	S	1	11:36	8.96	8.29	31.44	21.59	2.67	2	120	0.196	SE
B1	20200320	Cloudy	Moderate	Mid-Ebb	S	1	11:36	8.6	8.12	31.39	21.58	2.74	2	117	0.185	SE
B2	20200320	Cloudy	Moderate	Mid-Ebb	B	4.7	11:52	9.01	8.14	31.29	21.53	3.54	2	118	0.184	SE
B2	20200320	Cloudy	Moderate	Mid-Ebb	B	4.7	11:52	9.38	8.26	31.33	21.45	3.36	2	116	0.209	E
B2	20200320	Cloudy	Moderate	Mid-Ebb	S	1	11:53	9.75	8.3	31.52	21.56	2.62	2	121	0.157	E
B2	20200320	Cloudy	Moderate	Mid-Ebb	S	1	11:53	9.52	8.13	31.66	21.65	2.86	2	119	0.174	E
B3	20200320	Cloudy	Moderate	Mid-Ebb	B	4.2	11:08	9.28	8.2	31.59	21.46	3.49	3	119	0.179	SE
B3	20200320	Cloudy	Moderate	Mid-Ebb	B	4.2	11:08	9.51	8.08	31.4	21.49	3.59	3	122	0.167	SE
B3	20200320	Cloudy	Moderate	Mid-Ebb	S	1	11:09	8.57	8.27	31.72	21.56	2.78	3	121	0.179	E
B3	20200320	Cloudy	Moderate	Mid-Ebb	S	1	11:09	9.73	8.3	31.75	21.45	2.96	3	119	0.164	SE
B4	20200320	Cloudy	Moderate	Mid-Ebb	B	3.5	11:00	8.54	8.14	31.74	21.43	3.61	<2	120	0.197	SE
B4	20200320	Cloudy	Moderate	Mid-Ebb	B	3.5	11:00	9.89	8.22	31.59	21.52	3.54	<2	120	0.23	SE
B4	20200320	Cloudy	Moderate	Mid-Ebb	S	1	11:01	9.84	7.99	31.32	21.54	2.91	2	122	0.174	SE
B4	20200320	Cloudy	Moderate	Mid-Ebb	S	1	11:01	8.5	8.07	31.27	21.37	2.7	2	121	0.194	SE
C1A	20200320	Cloudy	Moderate	Mid-Ebb	B	8.6	9:06	8.63	8.14	31.56	21.2	3.45	4	121	0.197	SE
C1A	20200320	Cloudy	Moderate	Mid-Ebb	B	8.6	9:06	9.11	8.2	31.34	21.37	3.42	3	120	0.247	SE
C1A	20200320	Cloudy	Moderate	Mid-Ebb	M	4.8	9:07	9.74	7.98	31.77	21.4	2.51	3	122	0.173	E
C1A	20200320	Cloudy	Moderate	Mid-Ebb	M	4.8	9:07	8.53	8.1	31.52	21.21	2.84	2	122	0.214	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	20200320	Cloudy	Moderate	Mid-Ebb	S	1	9:08	9.69	7.98	31.5	21.23	2.98	3	122	0.197	SE
C1A	20200320	Cloudy	Moderate	Mid-Ebb	S	1	9:08	9.54	8.03	31.32	21.25	2.46	2	119	0.235	SE
C2A	20200320	Cloudy	Moderate	Mid-Ebb	B	10.6	10:31	9.2	8.1	31.39	21.41	3.31	3	121	0.232	SE
C2A	20200320	Cloudy	Moderate	Mid-Ebb	B	10.6	10:31	9.13	8.23	31.51	21.31	3.18	2	121	0.164	E
C2A	20200320	Cloudy	Moderate	Mid-Ebb	M	5.8	10:32	9.17	8.1	31.68	21.37	3.06	3	118	0.242	E
C2A	20200320	Cloudy	Moderate	Mid-Ebb	M	5.8	10:32	9.61	8.23	31.52	21.5	2.66	3	119	0.248	SE
C2A	20200320	Cloudy	Moderate	Mid-Ebb	S	1	10:33	8.74	8.01	31.48	21.54	2.5	2	121	0.234	SE
C2A	20200320	Cloudy	Moderate	Mid-Ebb	S	1	10:33	8.44	8.24	31.68	21.45	2.48	2	120	0.235	SE
CR1	20200320	Cloudy	Moderate	Mid-Ebb	B	11.3	10:12	9.88	8.1	31.74	21.32	3.49	3	117	0.206	SE
CR1	20200320	Cloudy	Moderate	Mid-Ebb	B	11.3	10:12	9.43	8.18	31.72	21.47	3.23	2	117	0.217	SE
CR1	20200320	Cloudy	Moderate	Mid-Ebb	M	6.15	10:13	9.76	8.01	31.61	21.48	2.75	2	119	0.191	E
CR1	20200320	Cloudy	Moderate	Mid-Ebb	M	6.15	10:13	9.76	8.3	31.62	21.55	2.87	3	121	0.241	SE
CR1	20200320	Cloudy	Moderate	Mid-Ebb	S	1	10:14	9.2	8.28	31.45	21.56	2.62	3	121	0.197	SE
CR1	20200320	Cloudy	Moderate	Mid-Ebb	S	1	10:14	8.6	8.09	31.38	21.37	3.01	2	120	0.24	SE
CR2	20200320	Cloudy	Moderate	Mid-Ebb	B	9.8	9:48	9.7	8.25	31.68	21.4	3.56	3	116	0.158	SE
CR2	20200320	Cloudy	Moderate	Mid-Ebb	B	9.8	9:48	8.56	8.27	31.43	21.31	3.03	3	115	0.184	SE
CR2	20200320	Cloudy	Moderate	Mid-Ebb	M	5.4	9:49	8.76	8.22	31.59	21.31	2.87	2	118	0.209	SE
CR2	20200320	Cloudy	Moderate	Mid-Ebb	M	5.4	9:49	8.87	8.03	31.6	21.24	2.5	3	116	0.178	SE
CR2	20200320	Cloudy	Moderate	Mid-Ebb	S	1	9:50	8.62	8.23	31.57	21.37	2.5	2	117	0.235	E
CR2	20200320	Cloudy	Moderate	Mid-Ebb	S	1	9:50	9.38	8.08	31.2	21.37	2.95	2	115	0.23	E
F1A	20200320	Cloudy	Moderate	Mid-Ebb	B	7.5	10:38	9.08	8.04	31.73	21.34	3.3	3	120	0.233	SE
F1A	20200320	Cloudy	Moderate	Mid-Ebb	B	7.5	10:38	8.79	8.14	31.71	21.52	3.54	3	120	0.169	E
F1A	20200320	Cloudy	Moderate	Mid-Ebb	M	4.25	10:39	9.2	8.19	31.4	21.53	3.04	3	120	0.229	SE
F1A	20200320	Cloudy	Moderate	Mid-Ebb	M	4.25	10:39	9.6	8.15	31.67	21.47	2.84	3	117	0.205	SE
F1A	20200320	Cloudy	Moderate	Mid-Ebb	S	1	10:40	9.17	8.24	31.56	21.4	2.95	3	120	0.247	SE
F1A	20200320	Cloudy	Moderate	Mid-Ebb	S	1	10:40	9.55	8.29	31.74	21.48	2.75	2	121	0.21	SE
H1	20200320	Cloudy	Moderate	Mid-Ebb	B	7.3	9:30	9.71	8.27	31.63	21.33	3.04	2	120	0.228	SE
H1	20200320	Cloudy	Moderate	Mid-Ebb	B	7.3	9:30	8.76	8.02	31.74	21.35	3.04	2	119	0.227	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	20200320	Cloudy	Moderate	Mid-Ebb	M	4.15	9:31	9.89	8.12	31.5	21.31	2.97	<2	121	0.18	SE
H1	20200320	Cloudy	Moderate	Mid-Ebb	M	4.15	9:31	8.78	8	31.37	21.14	3.08	<2	119	0.161	SE
H1	20200320	Cloudy	Moderate	Mid-Ebb	S	1	9:32	9.74	8.25	31.75	21.34	2.72	<2	121	0.216	E
H1	20200320	Cloudy	Moderate	Mid-Ebb	S	1	9:32	9.7	8.13	31.35	21.24	2.66	<2	120	0.208	SE
M1	20200320	Cloudy	Moderate	Mid-Ebb	B	7.8	10:15	9.49	8.19	31.44	21.35	3.06	3	117	0.225	SE
M1	20200320	Cloudy	Moderate	Mid-Ebb	B	7.8	10:15	8.8	8.18	31.31	21.36	3.17	3	116	0.198	SE
M1	20200320	Cloudy	Moderate	Mid-Ebb	M	4.4	10:16	9.43	8.1	31.64	21.38	2.84	3	116	0.202	SE
M1	20200320	Cloudy	Moderate	Mid-Ebb	M	4.4	10:16	9.83	8.16	31.72	21.35	2.66	3	115	0.228	SE
M1	20200320	Cloudy	Moderate	Mid-Ebb	S	1	10:17	8.54	8.25	31.71	21.43	2.54	4	116	0.197	SE
M1	20200320	Cloudy	Moderate	Mid-Ebb	S	1	10:17	9.32	8.07	31.45	21.38	2.5	3	115	0.208	SE
S1	20200320	Cloudy	Moderate	Mid-Ebb	B	4.4	11:43	8.94	8.26	31.43	21.62	3.03	3	120	0.184	SE
S1	20200320	Cloudy	Moderate	Mid-Ebb	B	4.4	11:43	9.3	8.02	31.64	21.44	3.45	2	122	0.231	SE
S1	20200320	Cloudy	Moderate	Mid-Ebb	S	1	11:44	9.58	8.3	31.56	21.5	2.49	2	122	0.251	E
S1	20200320	Cloudy	Moderate	Mid-Ebb	S	1	11:44	8.57	8.04	31.55	21.6	2.9	2	119	0.192	E
S2A	20200320	Cloudy	Moderate	Mid-Ebb	B	7.7	11:22	8.78	8.12	31.33	21.57	3.06	3	121	0.233	SE
S2A	20200320	Cloudy	Moderate	Mid-Ebb	B	7.7	11:22	8.43	8.05	31.31	21.56	3.36	4	120	0.205	SE
S2A	20200320	Cloudy	Moderate	Mid-Ebb	M	4.35	11:23	9.35	8.24	31.6	21.59	2.52	3	120	0.195	SE
S2A	20200320	Cloudy	Moderate	Mid-Ebb	M	4.35	11:23	9.53	8.19	31.66	21.47	2.61	3	120	0.231	E
S2A	20200320	Cloudy	Moderate	Mid-Ebb	S	1	11:24	8.71	8.26	31.68	21.5	2.46	3	124	0.181	SE
S2A	20200320	Cloudy	Moderate	Mid-Ebb	S	1	11:24	8.99	8.1	31.52	21.62	2.51	2	122	0.158	E
S3	20200320	Cloudy	Moderate	Mid-Ebb	B	10.3	9:59	9.32	8.26	31.65	21.29	3.16	2	119	0.182	SE
S3	20200320	Cloudy	Moderate	Mid-Ebb	B	10.3	9:59	9.5	8.03	31.33	21.47	3.44	3	119	0.199	SE
S3	20200320	Cloudy	Moderate	Mid-Ebb	M	5.65	10:00	9.03	8	31.75	21.35	2.82	2	120	0.193	E
S3	20200320	Cloudy	Moderate	Mid-Ebb	M	5.65	10:00	9.56	8.03	31.35	21.24	2.83	3	120	0.221	SE
S3	20200320	Cloudy	Moderate	Mid-Ebb	S	1	10:01	9.1	8.17	31.74	21.26	2.58	2	121	0.17	SE
S3	20200320	Cloudy	Moderate	Mid-Ebb	S	1	10:01	9.46	8.1	31.39	21.24	3.03	2	118	0.239	E
B1	20200320	Cloudy	Moderate	Mid-Flood	B	3.4	14:18	8.7	8.13	31.27	21.74	3.23	2	119	0.186	W
B1	20200320	Cloudy	Moderate	Mid-Flood	B	3.4	14:18	9.57	8.22	31.54	21.85	3.29	2	121	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
B1	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:19	8.75	8.31	31.51	21.92	2.35	2	121	0.205	W
B1	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:19	9.26	8.27	31.31	21.78	2.62	2	120	0.231	NW
B2	20200320	Cloudy	Moderate	Mid-Flood	B	3.6	14:01	9.48	8.07	31.73	21.92	3.37	3	119	0.217	W
B2	20200320	Cloudy	Moderate	Mid-Flood	B	3.6	14:01	9.2	8.1	31.53	21.62	3.3	2	119	0.226	W
B2	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:02	9.36	8.19	31.46	21.87	2.35	2	121	0.179	NW
B2	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:02	9.01	8.12	31.57	21.82	2.91	3	119	0.203	NW
B3	20200320	Cloudy	Moderate	Mid-Flood	B	3.9	14:46	9.46	8.13	31.32	21.8	3.27	3	121	0.237	NW
B3	20200320	Cloudy	Moderate	Mid-Flood	B	3.9	14:46	8.72	8.16	31.48	21.97	3.25	3	121	0.183	W
B3	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:47	9.41	8.33	31.46	21.81	2.58	3	118	0.203	W
B3	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:47	9.23	8.23	31.65	21.97	2.46	2	120	0.251	W
B4	20200320	Cloudy	Moderate	Mid-Flood	B	4	14:53	9.81	8.09	31.38	21.81	3.26	2	121	0.24	W
B4	20200320	Cloudy	Moderate	Mid-Flood	B	4	14:53	9.58	8.18	31.41	21.87	3.29	3	121	0.177	W
B4	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:54	9.7	8.05	31.32	21.63	2.93	2	120	0.17	W
B4	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:54	8.48	8.2	31.41	21.8	2.91	2	122	0.231	W
C1A	20200320	Cloudy	Moderate	Mid-Flood	B	9	15:04	8.46	8.11	31.75	21.8	3.17	3	120	0.212	W
C1A	20200320	Cloudy	Moderate	Mid-Flood	B	9	15:04	8.91	8.25	31.7	21.88	3.06	4	118	0.244	NW
C1A	20200320	Cloudy	Moderate	Mid-Flood	M	5	15:05	9.4	8.12	31.46	21.85	3.09	3	120	0.214	W
C1A	20200320	Cloudy	Moderate	Mid-Flood	M	5	15:05	9.74	8.25	31.48	21.91	2.68	2	122	0.201	NW
C1A	20200320	Cloudy	Moderate	Mid-Flood	S	1	15:06	8.75	8.12	31.35	21.72	2.51	3	120	0.229	W
C1A	20200320	Cloudy	Moderate	Mid-Flood	S	1	15:06	8.59	8.21	31.4	21.91	2.88	2	121	0.223	W
C2A	20200320	Cloudy	Moderate	Mid-Flood	B	10.7	14:00	8.95	8.17	31.33	21.64	3.18	3	119	0.224	NW
C2A	20200320	Cloudy	Moderate	Mid-Flood	B	10.7	14:00	9.27	8.05	31.55	21.65	3.37	4	120	0.232	W
C2A	20200320	Cloudy	Moderate	Mid-Flood	M	5.85	14:01	8.91	8.23	31.51	21.72	2.92	3	119	0.242	W
C2A	20200320	Cloudy	Moderate	Mid-Flood	M	5.85	14:01	8.92	8.2	31.48	21.91	2.61	4	120	0.247	W
C2A	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:02	9.74	8.07	31.7	21.67	2.87	3	119	0.238	W
C2A	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:02	9.58	8.17	31.4	21.93	2.54	3	120	0.172	W
CR1	20200320	Cloudy	Moderate	Mid-Flood	B	11.4	14:20	9.6	8.32	31.47	21.8	3.38	2	121	0.19	W
CR1	20200320	Cloudy	Moderate	Mid-Flood	B	11.4	14:20	9.48	8.14	31.56	21.85	3.44	2	119	0.248	NW

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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
CR1	20200320	Cloudy	Moderate	Mid-Flood	M	6.2	14:21	8.95	8.18	31.58	21.76	2.87	3	120	0.171	W
CR1	20200320	Cloudy	Moderate	Mid-Flood	M	6.2	14:21	9.33	8.32	31.57	21.73	2.79	3	120	0.17	W
CR1	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:22	8.86	8.21	31.61	21.75	2.37	3	121	0.229	W
CR1	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:22	9.52	8.07	31.35	21.81	2.9	4	120	0.2	W
CR2	20200320	Cloudy	Moderate	Mid-Flood	B	10.2	14:37	9.32	8.09	31.48	21.73	3.13	2	122	0.239	W
CR2	20200320	Cloudy	Moderate	Mid-Flood	B	10.2	14:37	8.85	8.32	31.66	21.81	3.27	2	122	0.213	NW
CR2	20200320	Cloudy	Moderate	Mid-Flood	M	5.6	14:38	9.65	8.17	31.34	21.96	2.84	2	121	0.179	W
CR2	20200320	Cloudy	Moderate	Mid-Flood	M	5.6	14:38	8.75	8.19	31.6	21.79	3.13	2	122	0.208	W
CR2	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:39	9.13	8.18	31.51	21.76	2.42	3	117	0.187	W
CR2	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:39	8.54	8.12	31.31	21.66	2.92	2	116	0.252	NW
F1A	20200320	Cloudy	Moderate	Mid-Flood	B	6.7	15:16	9.33	8.27	31.61	21.58	3.07	2	119	0.181	W
F1A	20200320	Cloudy	Moderate	Mid-Flood	B	6.7	15:16	8.77	8.21	31.4	21.58	2.97	2	119	0.241	W
F1A	20200320	Cloudy	Moderate	Mid-Flood	M	3.85	15:17	8.54	8.22	31.41	21.71	2.75	2	120	0.241	W
F1A	20200320	Cloudy	Moderate	Mid-Flood	M	3.85	15:17	8.9	8.31	31.74	21.52	2.94	3	119	0.204	W
F1A	20200320	Cloudy	Moderate	Mid-Flood	S	1	15:18	9.13	8.32	31.65	21.76	2.4	3	117	0.249	W
F1A	20200320	Cloudy	Moderate	Mid-Flood	S	1	15:18	8.74	8.16	31.64	21.81	2.94	2	120	0.2	W
H1	20200320	Cloudy	Moderate	Mid-Flood	B	7	15:29	9.28	8.32	31.35	21.53	3.22	4	122	0.197	NW
H1	20200320	Cloudy	Moderate	Mid-Flood	B	7	15:29	8.62	8.15	31.51	21.74	2.88	3	119	0.241	W
H1	20200320	Cloudy	Moderate	Mid-Flood	M	4	15:30	8.88	8.12	31.58	21.68	2.59	3	122	0.208	W
H1	20200320	Cloudy	Moderate	Mid-Flood	M	4	15:30	9.09	8.19	31.45	21.67	2.91	3	122	0.252	NW
H1	20200320	Cloudy	Moderate	Mid-Flood	S	1	15:31	8.92	8.22	31.33	21.57	2.93	3	121	0.207	W
H1	20200320	Cloudy	Moderate	Mid-Flood	S	1	15:31	9.25	8.1	31.4	21.7	2.36	3	119	0.229	W
M1	20200320	Cloudy	Moderate	Mid-Flood	B	7	15:37	8.73	8.05	31.6	21.68	3.37	3	119	0.229	W
M1	20200320	Cloudy	Moderate	Mid-Flood	B	7	15:37	9.34	8.14	31.34	21.73	3.18	2	119	0.229	W
M1	20200320	Cloudy	Moderate	Mid-Flood	M	4	15:38	9.45	8.07	31.65	21.81	3.06	3	120	0.195	W
M1	20200320	Cloudy	Moderate	Mid-Flood	M	4	15:38	9.3	8.19	31.68	21.79	2.96	2	121	0.194	NW
M1	20200320	Cloudy	Moderate	Mid-Flood	S	1	15:39	9.29	8.23	31.68	21.74	2.67	2	119	0.221	W
M1	20200320	Cloudy	Moderate	Mid-Flood	S	1	15:39	9.37	8.19	31.72	21.6	2.89	3	121	0.182	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	20200320	Cloudy	Moderate	Mid-Flood	B	4.5	14:10	9.39	8.32	31.37	21.64	3.34	2	121	0.186	NW
S1	20200320	Cloudy	Moderate	Mid-Flood	B	4.5	14:10	8.91	8.25	31.69	21.81	2.96	2	118	0.195	W
S1	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:11	9.3	8.15	31.63	21.9	2.56	4	120	0.186	W
S1	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:11	9.65	8.26	31.59	21.68	2.45	3	122	0.177	W
S2A	20200320	Cloudy	Moderate	Mid-Flood	B	8	14:33	9.53	8.23	31.53	21.72	3.29	4	120	0.188	W
S2A	20200320	Cloudy	Moderate	Mid-Flood	B	8	14:33	9.48	8.23	31.39	21.74	2.9	5	120	0.228	W
S2A	20200320	Cloudy	Moderate	Mid-Flood	M	4.5	14:34	9.29	8.28	31.66	21.89	2.85	2	120	0.177	W
S2A	20200320	Cloudy	Moderate	Mid-Flood	M	4.5	14:34	8.46	8.12	31.27	21.75	3	2	119	0.212	NW
S2A	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:35	9.22	8.17	31.7	21.85	2.46	2	119	0.171	W
S2A	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:35	8.56	8.17	31.39	21.81	2.86	2	120	0.182	W
S3	20200320	Cloudy	Moderate	Mid-Flood	B	9.2	14:47	9.5	8.05	31.42	21.97	3.33	3	119	0.208	W
S3	20200320	Cloudy	Moderate	Mid-Flood	B	9.2	14:47	8.73	8.05	31.33	21.97	3.3	4	122	0.178	W
S3	20200320	Cloudy	Moderate	Mid-Flood	M	5.1	14:48	9.56	8.06	31.37	21.74	3.03	2	119	0.252	W
S3	20200320	Cloudy	Moderate	Mid-Flood	M	5.1	14:48	8.51	8.27	31.37	21.7	2.83	2	120	0.232	W
S3	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:49	9.23	8.07	31.74	21.84	2.57	2	119	0.187	W
S3	20200320	Cloudy	Moderate	Mid-Flood	S	1	14:49	8.87	8.19	31.49	21.75	2.49	2	118	0.233	W
B1	20200323	Sunny	Moderate	Mid-Ebb	B	3.6	12:49	8.78	8.3	30.43	22.18	3.56	4	120	0.232	SE
B1	20200323	Sunny	Moderate	Mid-Ebb	B	3.6	12:49	9.42	8.12	30.39	22.05	3.7	5	120	0.212	SE
B1	20200323	Sunny	Moderate	Mid-Ebb	S	1	12:50	9.78	8.09	30.37	22.14	3.05	5	119	0.173	SE
B1	20200323	Sunny	Moderate	Mid-Ebb	S	1	12:50	9.74	8.42	30.42	22.11	2.77	4	120	0.164	SE
B2	20200323	Sunny	Moderate	Mid-Ebb	B	4.4	13:05	9.44	8.23	30.42	22.14	3.23	3	118	0.209	E
B2	20200323	Sunny	Moderate	Mid-Ebb	B	4.4	13:05	9.17	8.16	30.47	22.13	3.13	4	118	0.167	SE
B2	20200323	Sunny	Moderate	Mid-Ebb	S	1	13:06	8.54	8.27	30.57	22	2.71	5	117	0.177	E
B2	20200323	Sunny	Moderate	Mid-Ebb	S	1	13:06	8.74	8.12	30.45	22.13	2.62	6	120	0.194	SE
B3	20200323	Sunny	Moderate	Mid-Ebb	B	3.4	12:23	9.54	8.12	30.26	21.97	3.45	5	118	0.173	E
B3	20200323	Sunny	Moderate	Mid-Ebb	B	3.4	12:23	9.5	8.34	30.53	22.08	3.34	6	119	0.238	E
B3	20200323	Sunny	Moderate	Mid-Ebb	S	1	12:24	9.87	8.29	30.57	21.96	2.91	4	119	0.151	SE
B3	20200323	Sunny	Moderate	Mid-Ebb	S	1	12:24	8.85	8.16	30.6	22.01	3.16	4	116	0.202	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	20200323	Sunny	Moderate	Mid-Ebb	B	3.4	12:15	8.61	8.15	30.31	22.02	3.56	6	119	0.243	E
B4	20200323	Sunny	Moderate	Mid-Ebb	B	3.4	12:15	8.95	8.37	30.63	21.92	3.64	7	118	0.252	SE
B4	20200323	Sunny	Moderate	Mid-Ebb	S	1	12:16	9.29	8.39	30.31	22.02	2.62	3	119	0.248	E
B4	20200323	Sunny	Moderate	Mid-Ebb	S	1	12:16	9.53	8.29	30.31	22	2.93	4	117	0.185	SE
C1A	20200323	Sunny	Moderate	Mid-Ebb	B	9.6	10:38	9.29	8.25	30.36	21.84	3.52	2	115	0.19	SE
C1A	20200323	Sunny	Moderate	Mid-Ebb	B	9.6	10:38	8.87	8.11	30.39	21.85	3.36	2	116	0.171	SE
C1A	20200323	Sunny	Moderate	Mid-Ebb	M	5.3	10:39	8.97	8.12	30.26	21.7	3.16	2	118	0.185	SE
C1A	20200323	Sunny	Moderate	Mid-Ebb	M	5.3	10:39	9.18	8.41	30.6	21.9	2.78	3	119	0.227	E
C1A	20200323	Sunny	Moderate	Mid-Ebb	S	1	10:40	9.37	8.09	30.24	21.72	2.7	5	120	0.213	SE
C1A	20200323	Sunny	Moderate	Mid-Ebb	S	1	10:40	9.89	8.27	30.49	21.74	3.13	4	119	0.234	SE
C2A	20200323	Sunny	Moderate	Mid-Ebb	B	10.7	12:10	8.62	8.16	30.32	22.11	3.58	5	119	0.239	SE
C2A	20200323	Sunny	Moderate	Mid-Ebb	B	10.7	12:10	9.53	8.35	30.69	22.05	3.44	6	121	0.178	E
C2A	20200323	Sunny	Moderate	Mid-Ebb	M	5.85	12:11	9.11	8.25	30.36	21.95	3.04	5	121	0.147	SE
C2A	20200323	Sunny	Moderate	Mid-Ebb	M	5.85	12:11	9.1	8.13	30.52	22.01	2.83	5	120	0.231	E
C2A	20200323	Sunny	Moderate	Mid-Ebb	S	1	12:12	8.65	8.17	30.49	22.04	2.87	4	120	0.163	SE
C2A	20200323	Sunny	Moderate	Mid-Ebb	S	1	12:12	8.88	8.35	30.25	22.1	3.05	3	119	0.22	SE
CR1	20200323	Sunny	Moderate	Mid-Ebb	B	12.7	11:47	9.79	8.29	30.58	21.93	3.22	7	121	0.206	SE
CR1	20200323	Sunny	Moderate	Mid-Ebb	B	12.7	11:47	9.27	8.19	30.51	22	3.45	6	122	0.21	E
CR1	20200323	Sunny	Moderate	Mid-Ebb	M	6.85	11:48	9.39	8.26	30.4	21.93	2.86	5	119	0.252	E
CR1	20200323	Sunny	Moderate	Mid-Ebb	M	6.85	11:48	9.88	8.43	30.64	21.93	3.02	5	120	0.161	SE
CR1	20200323	Sunny	Moderate	Mid-Ebb	S	1	11:49	9.66	8.06	30.46	21.9	2.75	3	123	0.24	E
CR1	20200323	Sunny	Moderate	Mid-Ebb	S	1	11:49	8.86	8.14	30.22	22.06	2.77	3	120	0.164	E
CR2	20200323	Sunny	Moderate	Mid-Ebb	B	11.3	11:23	9.75	8.31	30.24	21.84	3.68	3	122	0.179	SE
CR2	20200323	Sunny	Moderate	Mid-Ebb	B	11.3	11:23	9.46	8.41	30.4	21.85	3.63	4	121	0.222	SE
CR2	20200323	Sunny	Moderate	Mid-Ebb	M	6.15	11:24	9.33	8.42	30.26	21.88	3.02	4	123	0.194	E
CR2	20200323	Sunny	Moderate	Mid-Ebb	M	6.15	11:24	9.85	8.21	30.37	21.85	3.15	3	121	0.146	SE
CR2	20200323	Sunny	Moderate	Mid-Ebb	S	1	11:25	9.44	8.34	30.56	21.88	2.75	3	121	0.243	SE
CR2	20200323	Sunny	Moderate	Mid-Ebb	S	1	11:25	9.7	8.22	30.62	21.92	2.82	3	123	0.219	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
F1A	20200323	Sunny	Moderate	Mid-Ebb	B	7.8	11:50	9.53	8.23	30.39	22.02	3.68	6	120	0.153	SE
F1A	20200323	Sunny	Moderate	Mid-Ebb	B	7.8	11:50	8.9	8.39	30.33	21.91	3.27	6	118	0.247	E
F1A	20200323	Sunny	Moderate	Mid-Ebb	M	4.4	11:51	9.22	8.1	30.58	22.04	2.77	5	116	0.206	SE
F1A	20200323	Sunny	Moderate	Mid-Ebb	M	4.4	11:51	9.49	8.39	30.66	22	3.14	6	118	0.146	E
F1A	20200323	Sunny	Moderate	Mid-Ebb	S	1	11:52	8.82	8.08	30.21	22	3.01	5	119	0.198	E
F1A	20200323	Sunny	Moderate	Mid-Ebb	S	1	11:52	8.76	8.24	30.63	21.91	2.9	5	118	0.194	SE
H1	20200323	Sunny	Moderate	Mid-Ebb	B	8	11:04	9.51	8.42	30.66	21.75	3.5	7	118	0.216	SE
H1	20200323	Sunny	Moderate	Mid-Ebb	B	8	11:04	9.76	8.34	30.52	21.93	3.59	7	115	0.159	SE
H1	20200323	Sunny	Moderate	Mid-Ebb	M	4.5	11:05	9.86	8.38	30.23	21.77	2.78	5	117	0.18	SE
H1	20200323	Sunny	Moderate	Mid-Ebb	M	4.5	11:05	9.13	8.12	30.34	21.74	2.93	6	118	0.196	E
H1	20200323	Sunny	Moderate	Mid-Ebb	S	1	11:06	9.22	8.13	30.5	21.94	2.64	6	118	0.202	SE
H1	20200323	Sunny	Moderate	Mid-Ebb	S	1	11:06	9.09	8.32	30.49	21.89	2.97	5	117	0.16	E
M1	20200323	Sunny	Moderate	Mid-Ebb	B	8.7	11:23	9.1	8.3	30.51	21.96	3.43	5	123	0.171	E
M1	20200323	Sunny	Moderate	Mid-Ebb	B	8.7	11:23	9.26	8.42	30.33	21.88	3.3	6	123	0.168	SE
M1	20200323	Sunny	Moderate	Mid-Ebb	M	4.85	11:24	9.07	8.2	30.2	21.82	3.1	6	123	0.209	SE
M1	20200323	Sunny	Moderate	Mid-Ebb	M	4.85	11:24	8.61	8.13	30.51	21.85	3.14	5	123	0.204	E
M1	20200323	Sunny	Moderate	Mid-Ebb	S	1	11:25	9.33	8.42	30.6	21.96	2.68	3	122	0.235	SE
M1	20200323	Sunny	Moderate	Mid-Ebb	S	1	11:25	9.7	8.24	30.28	21.95	2.9	4	123	0.249	SE
S1	20200323	Sunny	Moderate	Mid-Ebb	B	3.8	12:58	9.31	8.37	30.26	21.99	3.49	5	119	0.229	SE
S1	20200323	Sunny	Moderate	Mid-Ebb	B	3.8	12:58	8.53	8.29	30.34	22.01	3.61	6	121	0.202	SE
S1	20200323	Sunny	Moderate	Mid-Ebb	S	1	12:59	8.92	8.41	30.29	22.11	3.1	6	118	0.166	SE
S1	20200323	Sunny	Moderate	Mid-Ebb	S	1	12:59	8.99	8.24	30.47	22.15	2.72	5	120	0.249	SE
S2A	20200323	Sunny	Moderate	Mid-Ebb	B	7.9	12:36	9.48	8.23	30.66	21.95	3.5	8	119	0.219	SE
S2A	20200323	Sunny	Moderate	Mid-Ebb	B	7.9	12:36	8.68	8.22	30.36	22.09	3.33	9	120	0.209	SE
S2A	20200323	Sunny	Moderate	Mid-Ebb	M	4.45	12:37	9.24	8.06	30.67	22.1	3.08	6	119	0.19	E
S2A	20200323	Sunny	Moderate	Mid-Ebb	M	4.45	12:37	9.21	8.2	30.34	22.14	2.74	7	118	0.149	SE
S2A	20200323	Sunny	Moderate	Mid-Ebb	S	1	12:38	9.27	8.26	30.38	21.99	2.68	7	118	0.249	SE
S2A	20200323	Sunny	Moderate	Mid-Ebb	S	1	12:38	8.66	8.06	30.26	22.04	3.07	6	119	0.223	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	20200323	Sunny	Moderate	Mid-Ebb	B	9.7	11:33	8.9	8.3	30.28	21.8	3.21	7	123	0.186	SE
S3	20200323	Sunny	Moderate	Mid-Ebb	B	9.7	11:33	9.4	8.42	30.26	21.85	3.33	8	122	0.194	SE
S3	20200323	Sunny	Moderate	Mid-Ebb	M	5.35	11:34	8.77	8.22	30.64	21.9	2.87	6	121	0.249	E
S3	20200323	Sunny	Moderate	Mid-Ebb	M	5.35	11:34	8.64	8.28	30.26	21.86	2.63	6	123	0.201	SE
S3	20200323	Sunny	Moderate	Mid-Ebb	S	1	11:35	8.96	8.16	30.43	21.81	2.95	4	120	0.22	E
S3	20200323	Sunny	Moderate	Mid-Ebb	S	1	11:35	9.09	8.15	30.43	21.92	2.81	4	121	0.204	E
B1	20200323	Sunny	Moderate	Mid-Flood	B	4	15:25	8.6	8.04	30.37	22.45	3.56	2	121	0.225	W
B1	20200323	Sunny	Moderate	Mid-Flood	B	4	15:25	8.61	8.25	30.2	22.19	3.45	2	118	0.17	NW
B1	20200323	Sunny	Moderate	Mid-Flood	S	1	15:26	9.09	8.14	30.27	22.4	2.9	4	122	0.201	W
B1	20200323	Sunny	Moderate	Mid-Flood	S	1	15:26	9.78	8.24	30.57	22.38	2.7	4	120	0.234	W
B2	20200323	Sunny	Moderate	Mid-Flood	B	3.5	15:07	9.58	8.06	30.65	22.16	3.62	4	122	0.187	W
B2	20200323	Sunny	Moderate	Mid-Flood	B	3.5	15:07	9.98	8.06	30.52	22.12	3.52	3	121	0.185	W
B2	20200323	Sunny	Moderate	Mid-Flood	S	1	15:08	9.7	8.05	30.3	22.4	2.91	3	119	0.187	W
B2	20200323	Sunny	Moderate	Mid-Flood	S	1	15:08	9.22	8.23	30.31	22.24	3.19	4	118	0.169	W
B3	20200323	Sunny	Moderate	Mid-Flood	B	4.1	15:51	9.8	8.32	30.62	22.2	3.51	6	123	0.206	NW
B3	20200323	Sunny	Moderate	Mid-Flood	B	4.1	15:51	9	8.22	30.44	22.2	3.53	5	121	0.223	W
B3	20200323	Sunny	Moderate	Mid-Flood	S	1	15:52	9.78	8.12	30.2	22.19	2.78	4	121	0.222	NW
B3	20200323	Sunny	Moderate	Mid-Flood	S	1	15:52	8.69	8.24	30.39	22.29	2.7	5	121	0.191	W
B4	20200323	Sunny	Moderate	Mid-Flood	B	4.4	15:58	9.14	8.23	30.45	22.42	3.35	4	121	0.24	W
B4	20200323	Sunny	Moderate	Mid-Flood	B	4.4	15:58	9.64	8.26	30.52	22.4	3.84	4	120	0.177	W
B4	20200323	Sunny	Moderate	Mid-Flood	S	1	15:59	8.79	8.08	30.33	22.25	3.21	3	117	0.22	W
B4	20200323	Sunny	Moderate	Mid-Flood	S	1	15:59	9.65	8.15	30.23	22.37	3.17	3	118	0.177	W
C1A	20200323	Sunny	Moderate	Mid-Flood	B	9.7	16:11	9.22	8.32	30.24	22.14	3.6	5	114	0.252	W
C1A	20200323	Sunny	Moderate	Mid-Flood	B	9.7	16:11	9.63	8.27	30.33	22.04	3.45	6	117	0.248	W
C1A	20200323	Sunny	Moderate	Mid-Flood	M	5.35	16:12	9.55	8.12	30.56	22.17	3.13	5	120	0.19	NW
C1A	20200323	Sunny	Moderate	Mid-Flood	M	5.35	16:12	8.58	8.05	30.28	22.37	3.03	5	118	0.223	W
C1A	20200323	Sunny	Moderate	Mid-Flood	S	1	16:13	8.76	8.18	30.5	22.23	2.69	4	121	0.169	W
C1A	20200323	Sunny	Moderate	Mid-Flood	S	1	16:13	8.92	8.05	30.21	22.31	3.01	5	123	0.223	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C2A	20200323	Sunny	Moderate	Mid-Flood	B	10.4	15:07	8.78	8.17	30.5	22.23	3.33	5	121	0.205	W
C2A	20200323	Sunny	Moderate	Mid-Flood	B	10.4	15:07	9.89	8.21	30.15	22.26	3.57	6	124	0.233	W
C2A	20200323	Sunny	Moderate	Mid-Flood	M	5.7	15:08	9.19	8.16	30.31	22.13	2.79	5	119	0.251	W
C2A	20200323	Sunny	Moderate	Mid-Flood	M	5.7	15:08	8.55	8.29	30.53	22.21	2.82	5	122	0.195	NW
C2A	20200323	Sunny	Moderate	Mid-Flood	S	1	15:09	9.73	8.11	30.47	22.41	2.81	4	120	0.219	W
C2A	20200323	Sunny	Moderate	Mid-Flood	S	1	15:09	8.61	8.17	30.21	22.29	2.94	5	122	0.198	W
CR1	20200323	Sunny	Moderate	Mid-Flood	B	11.7	15:32	9.71	8.27	30.26	22.23	3.47	4	119	0.213	NW
CR1	20200323	Sunny	Moderate	Mid-Flood	B	11.7	15:32	9.48	8.04	30.61	22.18	3.2	5	120	0.198	W
CR1	20200323	Sunny	Moderate	Mid-Flood	M	6.35	15:33	9.25	8.22	30.48	22.39	3.04	4	122	0.224	W
CR1	20200323	Sunny	Moderate	Mid-Flood	M	6.35	15:33	8.61	8.32	30.34	22.37	3.34	4	122	0.224	W
CR1	20200323	Sunny	Moderate	Mid-Flood	S	1	15:34	9.51	8.31	30.3	22.17	2.7	2	121	0.171	W
CR1	20200323	Sunny	Moderate	Mid-Flood	S	1	15:34	9.22	8.32	30.52	22.26	2.93	3	123	0.212	W
CR2	20200323	Sunny	Moderate	Mid-Flood	B	10.3	15:47	9.24	8.25	30.4	22.16	3.59	5	120	0.245	W
CR2	20200323	Sunny	Moderate	Mid-Flood	B	10.3	15:47	9.37	8.19	30.43	22.14	3.38	5	122	0.179	W
CR2	20200323	Sunny	Moderate	Mid-Flood	M	5.65	15:48	9.05	8.32	30.31	22.41	3.26	4	121	0.243	W
CR2	20200323	Sunny	Moderate	Mid-Flood	M	5.65	15:48	9.89	8.31	30.59	22.36	3	4	118	0.245	NW
CR2	20200323	Sunny	Moderate	Mid-Flood	S	1	15:49	8.68	8.23	30.65	22.41	2.85	4	122	0.226	W
CR2	20200323	Sunny	Moderate	Mid-Flood	S	1	15:49	9.82	8.32	30.46	22.39	2.91	3	122	0.206	W
F1A	20200323	Sunny	Moderate	Mid-Flood	B	7	16:19	9.95	8.33	30.31	22.19	3.3	7	122	0.244	W
F1A	20200323	Sunny	Moderate	Mid-Flood	B	7	16:19	8.86	8.16	30.31	22.35	3.65	6	121	0.189	W
F1A	20200323	Sunny	Moderate	Mid-Flood	M	4	16:20	9.77	8.29	30.36	22.03	2.83	6	118	0.184	W
F1A	20200323	Sunny	Moderate	Mid-Flood	M	4	16:20	9.71	8.22	30.57	22.29	2.85	7	120	0.217	W
F1A	20200323	Sunny	Moderate	Mid-Flood	S	1	16:21	9.47	8.22	30.56	22.35	3.12	5	121	0.21	W
F1A	20200323	Sunny	Moderate	Mid-Flood	S	1	16:21	9.81	8.14	30.59	22.17	2.6	5	119	0.187	NW
H1	20200323	Sunny	Moderate	Mid-Flood	B	7.5	16:32	9.58	8.26	30.15	22.13	3.28	5	121	0.182	W
H1	20200323	Sunny	Moderate	Mid-Flood	B	7.5	16:32	8.79	8.19	30.61	22.23	3.39	6	120	0.221	NW
H1	20200323	Sunny	Moderate	Mid-Flood	M	4.25	16:33	9.48	8.04	30.51	22.2	3.16	5	122	0.178	W
H1	20200323	Sunny	Moderate	Mid-Flood	M	4.25	16:33	9.89	8.13	30.55	22.15	2.96	6	121	0.199	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (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	20200323	Sunny	Moderate	Mid-Flood	S	1	16:34	9.15	8.12	30.44	22.22	2.71	6	121	0.224	W
H1	20200323	Sunny	Moderate	Mid-Flood	S	1	16:34	8.8	8.06	30.25	22.06	3.17	5	123	0.221	W
M1	20200323	Sunny	Moderate	Mid-Flood	B	7.3	16:39	9.9	8.15	30.29	22	3.2	3	118	0.192	W
M1	20200323	Sunny	Moderate	Mid-Flood	B	7.3	16:39	9.8	8.22	30.35	22.02	3.45	4	118	0.239	W
M1	20200323	Sunny	Moderate	Mid-Flood	M	4.15	16:40	9.93	8.03	30.24	22.26	3.28	4	120	0.191	W
M1	20200323	Sunny	Moderate	Mid-Flood	M	4.15	16:40	9.95	8.31	30.35	22.16	3.06	3	121	0.17	NW
M1	20200323	Sunny	Moderate	Mid-Flood	S	1	16:41	8.65	8.27	30.33	22.08	2.88	6	121	0.173	NW
M1	20200323	Sunny	Moderate	Mid-Flood	S	1	16:41	8.74	8.12	30.33	22.29	2.75	6	120	0.241	W
S1	20200323	Sunny	Moderate	Mid-Flood	B	4.7	15:17	9.89	8.23	30.19	22.41	3.67	4	121	0.249	W
S1	20200323	Sunny	Moderate	Mid-Flood	B	4.7	15:17	8.92	8.05	30.45	22.46	3.51	5	123	0.211	NW
S1	20200323	Sunny	Moderate	Mid-Flood	S	1	15:18	8.69	8.15	30.24	22.22	2.89	5	120	0.209	W
S1	20200323	Sunny	Moderate	Mid-Flood	S	1	15:18	9.87	8.27	30.39	22.16	3.02	5	119	0.213	W
S2A	20200323	Sunny	Moderate	Mid-Flood	B	8.2	15:38	8.61	8.32	30.34	22.33	3.6	4	120	0.25	NW
S2A	20200323	Sunny	Moderate	Mid-Flood	B	8.2	15:38	9.93	8.19	30.58	22.35	3.17	5	119	0.179	W
S2A	20200323	Sunny	Moderate	Mid-Flood	M	4.6	15:39	9.73	8.05	30.58	22.14	3.15	5	122	0.174	W
S2A	20200323	Sunny	Moderate	Mid-Flood	M	4.6	15:39	9.29	8.05	30.6	22.37	3.16	5	120	0.18	W
S2A	20200323	Sunny	Moderate	Mid-Flood	S	1	15:40	9.6	8.27	30.55	22.34	2.73	3	122	0.22	W
S2A	20200323	Sunny	Moderate	Mid-Flood	S	1	15:40	9.17	8.09	30.5	22.23	3.19	4	121	0.204	W
S3	20200323	Sunny	Moderate	Mid-Flood	B	9.5	15:57	9.92	8.04	30.41	22.17	3.73	5	122	0.205	NW
S3	20200323	Sunny	Moderate	Mid-Flood	B	9.5	15:57	9.27	8.26	30.42	22.42	3.28	5	121	0.237	W
S3	20200323	Sunny	Moderate	Mid-Flood	M	5.25	15:58	8.82	8.27	30.6	22.43	3.32	5	121	0.201	W
S3	20200323	Sunny	Moderate	Mid-Flood	M	5.25	15:58	9.19	8.22	30.59	22.21	3.15	5	119	0.186	W
S3	20200323	Sunny	Moderate	Mid-Flood	S	1	15:59	8.71	8.15	30.34	22.1	3.24	4	120	0.232	NW
S3	20200323	Sunny	Moderate	Mid-Flood	S	1	15:59	9.03	8.04	30.4	22.18	2.93	4	120	0.237	W
B1	20200325	Cloudy	Moderate	Mid-Ebb	B	4.1	12:07	10.17	8.04	30.6	23.49	3.6	<2	121	0.211	SE
B1	20200325	Cloudy	Moderate	Mid-Ebb	B	4.1	12:07	9.52	8.02	30.89	23.44	3.71	<2	123	0.246	SE
B1	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:08	9.78	8.02	30.51	23.42	3.4	<2	122	0.207	E
B1	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:08	8.94	8.3	30.68	23.47	3.13	<2	123	0.219	E

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
B2	20200325	Cloudy	Moderate	Mid-Ebb	B	4.2	12:24	10.06	8.09	30.83	23.56	3.65	2	122	0.162	SE
B2	20200325	Cloudy	Moderate	Mid-Ebb	B	4.2	12:24	9.08	8.02	30.61	23.61	3.65	2	121	0.174	SE
B2	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:25	9.69	7.99	30.72	23.61	3.36	<2	122	0.23	SE
B2	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:25	9.27	8.2	30.75	23.68	3.25	<2	122	0.199	SE
B3	20200325	Cloudy	Moderate	Mid-Ebb	B	3.8	12:42	9.32	7.99	30.55	23.6	4.02	3	124	0.166	SE
B3	20200325	Cloudy	Moderate	Mid-Ebb	B	3.8	12:42	10.05	8.19	30.8	23.55	4.2	3	122	0.221	SE
B3	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:43	8.88	8.1	30.75	23.7	3.52	<2	122	0.244	SE
B3	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:43	9.37	7.99	30.65	23.54	3.33	<2	123	0.172	SE
B4	20200325	Cloudy	Moderate	Mid-Ebb	B	3.4	12:49	9.76	8.13	30.9	23.69	4.21	<2	123	0.211	SE
B4	20200325	Cloudy	Moderate	Mid-Ebb	B	3.4	12:49	9.93	8.13	30.69	23.57	3.63	<2	123	0.175	SE
B4	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:50	9.57	8.28	30.71	23.69	3.39	<2	122	0.199	SE
B4	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:50	9.07	8.21	30.51	23.62	3.38	<2	124	0.172	SE
C1A	20200325	Cloudy	Moderate	Mid-Ebb	B	8.3	11:35	9.24	8.21	30.8	23.38	3.53	3	119	0.168	E
C1A	20200325	Cloudy	Moderate	Mid-Ebb	B	8.3	11:35	9.89	8.16	30.85	23.56	3.77	3	116	0.188	SE
C1A	20200325	Cloudy	Moderate	Mid-Ebb	M	4.65	11:36	9.87	8.01	30.59	23.58	3.02	2	121	0.225	SE
C1A	20200325	Cloudy	Moderate	Mid-Ebb	M	4.65	11:36	9.09	7.98	30.64	23.4	3.35	3	122	0.202	SE
C1A	20200325	Cloudy	Moderate	Mid-Ebb	S	1	11:37	9.44	8.07	30.73	23.46	3.06	2	121	0.222	SE
C1A	20200325	Cloudy	Moderate	Mid-Ebb	S	1	11:37	8.91	8.05	30.6	23.58	3.4	2	122	0.237	E
C2A	20200325	Cloudy	Moderate	Mid-Ebb	B	10.7	11:35	8.86	7.97	30.85	23.34	3.63	<2	119	0.174	SE
C2A	20200325	Cloudy	Moderate	Mid-Ebb	B	10.7	11:35	9.52	8.37	30.74	23.47	3.59	<2	122	0.198	E
C2A	20200325	Cloudy	Moderate	Mid-Ebb	M	5.85	11:36	9.01	8.12	30.79	23.4	3.24	<2	121	0.243	SE
C2A	20200325	Cloudy	Moderate	Mid-Ebb	M	5.85	11:36	8.91	8.14	30.53	23.53	3.54	<2	122	0.252	SE
C2A	20200325	Cloudy	Moderate	Mid-Ebb	S	1	11:37	9.47	8.37	30.68	23.55	3.56	<2	119	0.243	SE
C2A	20200325	Cloudy	Moderate	Mid-Ebb	S	1	11:37	9.83	8.33	30.51	23.58	3.25	<2	121	0.23	SE
CR1	20200325	Cloudy	Moderate	Mid-Ebb	B	11.6	11:56	9.82	8.39	30.61	23.55	3.7	<2	122	0.189	SE
CR1	20200325	Cloudy	Moderate	Mid-Ebb	B	11.6	11:56	9.75	8.02	30.85	23.44	3.98	<2	121	0.243	SE
CR1	20200325	Cloudy	Moderate	Mid-Ebb	M	6.3	11:57	9.39	8.1	30.64	23.6	3.16	<2	120	0.171	SE
CR1	20200325	Cloudy	Moderate	Mid-Ebb	M	6.3	11:57	9.72	8.03	30.64	23.48	3.3	<2	122	0.177	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
CR1	20200325	Cloudy	Moderate	Mid-Ebb	S	1	11:58	9.97	8.07	30.85	23.52	3.46	<2	120	0.174	SE
CR1	20200325	Cloudy	Moderate	Mid-Ebb	S	1	11:58	9.72	8.19	30.51	23.55	3.2	<2	122	0.247	SE
CR2	20200325	Cloudy	Moderate	Mid-Ebb	B	10.9	12:12	8.82	7.98	30.88	23.63	3.59	2	120	0.211	SE
CR2	20200325	Cloudy	Moderate	Mid-Ebb	B	10.9	12:12	10.01	8.3	30.78	23.49	3.59	2	120	0.167	SE
CR2	20200325	Cloudy	Moderate	Mid-Ebb	M	5.95	12:13	8.84	8.24	30.84	23.59	3.13	<2	121	0.246	SE
CR2	20200325	Cloudy	Moderate	Mid-Ebb	M	5.95	12:13	10.05	7.99	30.74	23.6	3.06	<2	121	0.228	E
CR2	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:14	9.02	8.19	30.88	23.6	3.2	<2	122	0.184	E
CR2	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:14	8.91	8.18	30.86	23.61	3.21	<2	119	0.234	SE
F1A	20200325	Cloudy	Moderate	Mid-Ebb	B	8	13:11	8.9	8.14	30.89	23.67	3.73	3	120	0.228	SE
F1A	20200325	Cloudy	Moderate	Mid-Ebb	B	8	13:11	9.78	7.96	30.84	23.65	3.65	2	121	0.18	SE
F1A	20200325	Cloudy	Moderate	Mid-Ebb	M	4.5	13:12	9.92	8.05	30.76	23.77	3.42	2	118	0.161	E
F1A	20200325	Cloudy	Moderate	Mid-Ebb	M	4.5	13:12	9.99	8.21	30.64	23.81	3.35	3	118	0.249	SE
F1A	20200325	Cloudy	Moderate	Mid-Ebb	S	1	13:13	9.53	8.33	30.85	23.66	3.41	<2	121	0.212	E
F1A	20200325	Cloudy	Moderate	Mid-Ebb	S	1	13:13	9.5	8.09	30.69	23.69	3.2	<2	120	0.217	SE
H1	20200325	Cloudy	Moderate	Mid-Ebb	B	7.5	13:36	10.14	7.98	30.56	23.78	3.6	2	121	0.249	E
H1	20200325	Cloudy	Moderate	Mid-Ebb	B	7.5	13:36	9.88	8	30.7	23.8	3.7	3	121	0.196	SE
H1	20200325	Cloudy	Moderate	Mid-Ebb	M	4.25	13:37	9.69	8.12	30.85	23.81	3.24	3	122	0.189	SE
H1	20200325	Cloudy	Moderate	Mid-Ebb	M	4.25	13:37	10.16	8.15	30.8	23.76	3.26	2	122	0.223	E
H1	20200325	Cloudy	Moderate	Mid-Ebb	S	1	13:38	9.38	8.28	30.53	23.66	3.44	<2	120	0.157	SE
H1	20200325	Cloudy	Moderate	Mid-Ebb	S	1	13:38	9.25	8.19	30.79	23.72	3.2	<2	123	0.176	SE
M1	20200325	Cloudy	Moderate	Mid-Ebb	B	8.3	13:32	9.14	8.04	30.76	23.68	3.74	2	121	0.23	SE
M1	20200325	Cloudy	Moderate	Mid-Ebb	B	8.3	13:32	10.05	8.08	30.54	23.69	4.02	3	120	0.185	SE
M1	20200325	Cloudy	Moderate	Mid-Ebb	M	4.65	13:33	9.9	8.14	30.69	23.82	3.18	<2	121	0.247	E
M1	20200325	Cloudy	Moderate	Mid-Ebb	M	4.65	13:33	10.04	8.22	30.75	23.72	3.25	<2	121	0.177	SE
M1	20200325	Cloudy	Moderate	Mid-Ebb	S	1	13:34	9.88	8.09	30.79	23.82	3	<2	121	0.216	SE
M1	20200325	Cloudy	Moderate	Mid-Ebb	S	1	13:34	9.35	8.37	30.7	23.79	3.28	<2	122	0.198	SE
S1	20200325	Cloudy	Moderate	Mid-Ebb	B	4	12:15	9.32	8.2	30.66	23.63	3.74	3	121	0.218	E
S1	20200325	Cloudy	Moderate	Mid-Ebb	B	4	12:15	9.96	8.35	30.85	23.49	3.73	4	121	0.244	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	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:16	9.24	8.05	30.62	23.6	3.54	<2	122	0.205	SE
S1	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:16	9.3	8.25	30.63	23.62	3.44	<2	121	0.222	SE
S2A	20200325	Cloudy	Moderate	Mid-Ebb	B	8.6	11:54	8.89	8.15	30.83	23.52	3.69	3	120	0.238	E
S2A	20200325	Cloudy	Moderate	Mid-Ebb	B	8.6	11:54	9.88	8.23	30.71	23.59	3.82	2	120	0.172	SE
S2A	20200325	Cloudy	Moderate	Mid-Ebb	M	4.8	11:55	9.94	8.36	30.76	23.6	3.38	<2	120	0.229	SE
S2A	20200325	Cloudy	Moderate	Mid-Ebb	M	4.8	11:55	9.7	8.17	30.56	23.5	3.3	<2	118	0.239	SE
S2A	20200325	Cloudy	Moderate	Mid-Ebb	S	1	11:56	9.07	8.05	30.59	23.54	3.09	2	122	0.168	SE
S2A	20200325	Cloudy	Moderate	Mid-Ebb	S	1	11:56	9.14	8.29	30.58	23.54	3.37	2	120	0.222	SE
S3	20200325	Cloudy	Moderate	Mid-Ebb	B	10.6	12:22	9.2	8.39	30.8	23.64	3.77	<2	121	0.171	SE
S3	20200325	Cloudy	Moderate	Mid-Ebb	B	10.6	12:22	9.82	8.18	30.73	23.55	3.65	<2	120	0.181	E
S3	20200325	Cloudy	Moderate	Mid-Ebb	M	5.8	12:23	9.5	8.35	30.59	23.53	3.27	<2	120	0.203	SE
S3	20200325	Cloudy	Moderate	Mid-Ebb	M	5.8	12:23	9.48	8.2	30.57	23.61	3.05	<2	120	0.173	SE
S3	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:24	9.94	8.14	30.69	23.56	3.64	<2	121	0.239	SE
S3	20200325	Cloudy	Moderate	Mid-Ebb	S	1	12:24	8.95	8.02	30.54	23.6	3.14	<2	122	0.204	SE
B1	20200325	Cloudy	Moderate	Mid-Flood	B	3.7	17:07	9.63	8.24	30.59	22.69	3.74	<2	123	0.169	W
B1	20200325	Cloudy	Moderate	Mid-Flood	B	3.7	17:07	9.41	8.07	30.69	22.78	4.04	<2	122	0.212	NW
B1	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:08	9.36	8.41	30.5	22.79	3.5	<2	120	0.221	W
B1	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:08	9.95	8.42	30.91	22.79	3.3	<2	122	0.187	W
B2	20200325	Cloudy	Moderate	Mid-Flood	B	4.2	17:30	9.3	8.14	30.56	22.72	3.52	<2	123	0.186	W
B2	20200325	Cloudy	Moderate	Mid-Flood	B	4.2	17:30	9.84	8.41	30.63	22.56	4.05	<2	124	0.205	NW
B2	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:31	9.36	8.2	30.44	22.65	3.51	<2	123	0.252	W
B2	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:31	10.09	8.12	30.78	22.73	3.16	<2	121	0.199	W
B3	20200325	Cloudy	Moderate	Mid-Flood	B	3.4	17:00	9.25	8.18	30.64	22.67	3.98	2	119	0.199	W
B3	20200325	Cloudy	Moderate	Mid-Flood	B	3.4	17:00	9.14	8.39	30.64	22.63	4.11	2	121	0.191	W
B3	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:01	9.3	8.24	30.69	22.77	3.18	<2	122	0.22	W
B3	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:01	9.18	8.41	30.78	22.64	3.28	<2	121	0.207	NW
B4	20200325	Cloudy	Moderate	Mid-Flood	B	3.8	17:08	10.04	8.22	30.57	22.76	4.22	3	120	0.222	W
B4	20200325	Cloudy	Moderate	Mid-Flood	B	3.8	17:08	9.06	8.15	30.49	22.73	4.19	2	121	0.254	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
B4	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:09	9.94	8.3	30.68	22.71	3.09	5	122	0.259	NW
B4	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:09	9.47	8.08	30.53	22.65	3.07	4	122	0.191	NW
C1A	20200325	Cloudy	Moderate	Mid-Flood	B	9.8	16:39	9.46	8.42	30.47	22.82	3.88	2	122	0.203	W
C1A	20200325	Cloudy	Moderate	Mid-Flood	B	9.8	16:39	9.67	8.22	30.85	22.83	4.11	2	123	0.23	W
C1A	20200325	Cloudy	Moderate	Mid-Flood	M	5.4	16:40	10.18	8.27	30.8	22.76	3.27	2	121	0.245	W
C1A	20200325	Cloudy	Moderate	Mid-Flood	M	5.4	16:40	8.95	8.15	30.42	22.81	3.37	2	121	0.191	W
C1A	20200325	Cloudy	Moderate	Mid-Flood	S	1	16:41	9.04	8.11	30.63	22.92	3.25	<2	123	0.181	W
C1A	20200325	Cloudy	Moderate	Mid-Flood	S	1	16:41	9.45	8.31	30.84	22.72	3.18	<2	123	0.207	W
C2A	20200325	Cloudy	Moderate	Mid-Flood	B	10.5	16:38	10.2	8.3	30.51	22.92	3.72	3	122	0.169	W
C2A	20200325	Cloudy	Moderate	Mid-Flood	B	10.5	16:38	9.29	8.18	30.9	22.85	3.79	3	122	0.21	W
C2A	20200325	Cloudy	Moderate	Mid-Flood	M	5.75	16:39	9.26	8.34	30.6	22.81	3.3	<2	122	0.198	NW
C2A	20200325	Cloudy	Moderate	Mid-Flood	M	5.75	16:39	10.17	8.37	30.59	22.72	3.18	<2	123	0.249	W
C2A	20200325	Cloudy	Moderate	Mid-Flood	S	1	16:40	9.11	8.2	30.75	22.87	3.24	<2	121	0.21	W
C2A	20200325	Cloudy	Moderate	Mid-Flood	S	1	16:40	9.71	8.36	30.6	22.73	3.13	<2	122	0.215	W
CR1	20200325	Cloudy	Moderate	Mid-Flood	B	11.6	18:37	9.01	8.35	30.62	22.54	4.06	<2	116	0.18	W
CR1	20200325	Cloudy	Moderate	Mid-Flood	B	11.6	18:37	10.14	8.43	30.4	22.54	4.06	<2	115	0.21	W
CR1	20200325	Cloudy	Moderate	Mid-Flood	M	6.3	18:38	9.22	8.18	30.59	22.47	3.75	2	122	0.207	W
CR1	20200325	Cloudy	Moderate	Mid-Flood	M	6.3	18:38	9.33	8.32	30.73	22.5	3.42	2	122	0.254	W
CR1	20200325	Cloudy	Moderate	Mid-Flood	S	1	18:39	10.05	8.34	30.92	22.43	3.35	3	123	0.242	W
CR1	20200325	Cloudy	Moderate	Mid-Flood	S	1	18:39	10	8.16	30.72	22.47	3.36	2	123	0.221	W
CR2	20200325	Cloudy	Moderate	Mid-Flood	B	10.7	18:17	9.71	8.32	30.51	22.51	3.88	6	123	0.207	NW
CR2	20200325	Cloudy	Moderate	Mid-Flood	B	10.7	18:17	9.27	8.09	30.72	22.62	3.67	5	124	0.188	W
CR2	20200325	Cloudy	Moderate	Mid-Flood	M	5.85	18:18	9.38	8.08	30.42	22.62	3.35	3	123	0.187	W
CR2	20200325	Cloudy	Moderate	Mid-Flood	M	5.85	18:18	9.86	8.33	30.79	22.57	3.31	4	123	0.187	NW
CR2	20200325	Cloudy	Moderate	Mid-Flood	S	1	18:19	9.41	8.09	30.43	22.53	3.52	2	123	0.181	W
CR2	20200325	Cloudy	Moderate	Mid-Flood	S	1	18:19	10.06	8.36	30.58	22.48	3.57	2	123	0.172	W
F1A	20200325	Cloudy	Moderate	Mid-Flood	B	7.8	17:30	10.08	8.42	30.64	22.67	4.02	3	123	0.251	NW
F1A	20200325	Cloudy	Moderate	Mid-Flood	B	7.8	17:30	9.88	8.37	30.54	22.64	3.91	3	122	0.177	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
F1A	20200325	Cloudy	Moderate	Mid-Flood	M	4.4	17:31	10.06	8.15	30.92	22.56	3.61	3	122	0.186	W
F1A	20200325	Cloudy	Moderate	Mid-Flood	M	4.4	17:31	9.82	8.28	30.44	22.7	3.69	2	122	0.241	W
F1A	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:32	9.82	8.24	30.79	22.72	3.1	<2	123	0.211	W
F1A	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:32	9.43	8.26	30.52	22.55	3.57	<2	122	0.178	NW
H1	20200325	Cloudy	Moderate	Mid-Flood	B	7.5	16:51	9.76	8.3	30.72	22.66	3.69	2	122	0.172	W
H1	20200325	Cloudy	Moderate	Mid-Flood	B	7.5	16:51	9.95	8.34	30.95	22.75	3.85	2	122	0.261	W
H1	20200325	Cloudy	Moderate	Mid-Flood	M	4.25	16:52	9.56	8.31	30.76	22.67	3.37	4	123	0.217	W
H1	20200325	Cloudy	Moderate	Mid-Flood	M	4.25	16:52	9.61	8.43	30.64	22.63	3.62	4	120	0.247	NW
H1	20200325	Cloudy	Moderate	Mid-Flood	S	1	16:53	9.5	8.27	30.82	22.81	3.2	5	123	0.25	W
H1	20200325	Cloudy	Moderate	Mid-Flood	S	1	16:53	10.01	8.38	30.9	22.66	3.54	5	121	0.254	W
M1	20200325	Cloudy	Moderate	Mid-Flood	B	7.1	17:50	9.4	8.42	30.69	22.63	3.66	2	120	0.168	NW
M1	20200325	Cloudy	Moderate	Mid-Flood	B	7.1	17:50	9.34	8.32	30.56	22.71	3.82	2	120	0.205	W
M1	20200325	Cloudy	Moderate	Mid-Flood	M	4.05	17:51	10.03	8.37	30.68	22.55	3.41	3	123	0.173	W
M1	20200325	Cloudy	Moderate	Mid-Flood	M	4.05	17:51	8.96	8.15	30.64	22.73	3.34	2	123	0.239	W
M1	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:52	9.03	8.28	30.85	22.6	3.22	2	121	0.215	W
M1	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:52	9.37	8.18	30.58	22.71	3.53	2	121	0.178	W
S1	20200325	Cloudy	Moderate	Mid-Flood	B	4.7	17:22	8.98	8.21	30.53	22.7	4.04	3	122	0.245	W
S1	20200325	Cloudy	Moderate	Mid-Flood	B	4.7	17:22	9	8.1	30.64	22.75	3.59	3	122	0.238	W
S1	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:23	9.81	8.23	30.5	22.71	3.1	2	123	0.193	W
S1	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:23	10.02	8.4	30.64	22.67	3.43	2	122	0.237	W
S2A	20200325	Cloudy	Moderate	Mid-Flood	B	8.9	17:52	9.02	8.41	30.59	22.64	4.05	2	124	0.234	NW
S2A	20200325	Cloudy	Moderate	Mid-Flood	B	8.9	17:52	9.16	8.14	30.8	22.64	3.88	2	122	0.181	W
S2A	20200325	Cloudy	Moderate	Mid-Flood	M	4.95	17:53	10.16	8.33	30.48	22.64	3.21	2	123	0.206	W
S2A	20200325	Cloudy	Moderate	Mid-Flood	M	4.95	17:53	9.67	8.21	30.57	22.67	3.65	3	123	0.226	W
S2A	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:54	9.59	8.42	30.71	22.55	3.11	<2	120	0.185	W
S2A	20200325	Cloudy	Moderate	Mid-Flood	S	1	17:54	9.73	8.24	30.41	22.6	3.51	<2	122	0.179	NW
S3	20200325	Cloudy	Moderate	Mid-Flood	B	8.6	18:25	9.14	8.43	30.55	22.45	3.87	3	124	0.251	W
S3	20200325	Cloudy	Moderate	Mid-Flood	B	8.6	18:25	9.39	8.32	30.52	22.53	3.87	4	121	0.254	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
S3	20200325	Cloudy	Moderate	Mid-Flood	M	4.8	18:26	9.41	8.4	30.81	22.42	3.66	3	123	0.253	W
S3	20200325	Cloudy	Moderate	Mid-Flood	M	4.8	18:26	10.05	8.25	30.64	22.45	3.3	4	123	0.242	W
S3	20200325	Cloudy	Moderate	Mid-Flood	S	1	18:27	9.39	8.14	30.79	22.42	3.09	2	121	0.172	W
S3	20200325	Cloudy	Moderate	Mid-Flood	S	1	18:27	10.16	8.35	30.7	22.52	3.66	2	121	0.233	W
B1	20200327	Cloudy	Moderate	Mid-Flood	B	4.3	9:48	9.63	8.05	31.03	22.51	3.13	5	118	0.264	W
B1	20200327	Cloudy	Moderate	Mid-Flood	B	4.3	9:48	9.8	8.15	30.51	22.54	3.54	5	119	0.271	NW
B1	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:49	8.83	8.2	30.94	22.6	2.98	3	120	0.187	W
B1	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:49	9.02	8.1	31.02	22.69	2.84	3	121	0.214	W
B2	20200327	Cloudy	Moderate	Mid-Flood	B	3.8	10:05	9.38	8.28	30.91	22.73	3.51	2	118	0.223	W
B2	20200327	Cloudy	Moderate	Mid-Flood	B	3.8	10:05	10.29	8.17	30.65	22.79	3.15	2	119	0.232	W
B2	20200327	Cloudy	Moderate	Mid-Flood	S	1	10:06	9.94	8.22	31.04	22.69	3.05	4	118	0.227	NW
B2	20200327	Cloudy	Moderate	Mid-Flood	S	1	10:06	9.87	8.06	30.87	22.79	3.1	4	120	0.251	W
B3	20200327	Cloudy	Moderate	Mid-Flood	B	4	9:22	9.19	8.22	30.57	22.36	3.46	2	118	0.2	NW
B3	20200327	Cloudy	Moderate	Mid-Flood	B	4	9:22	8.91	8.05	30.8	22.59	3.79	2	116	0.212	W
B3	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:23	9.03	8.18	30.49	22.56	2.92	3	119	0.258	W
B3	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:23	9.57	8.05	30.67	22.52	2.79	4	120	0.18	W
B4	20200327	Cloudy	Moderate	Mid-Flood	B	3.5	9:14	10.02	8.17	30.79	22.42	3.49	2	120	0.232	W
B4	20200327	Cloudy	Moderate	Mid-Flood	B	3.5	9:14	10.19	8.23	30.74	22.32	3.76	2	118	0.232	W
B4	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:15	9.9	8.21	30.92	22.48	2.64	4	119	0.252	W
B4	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:15	9.63	8.24	30.51	22.38	2.71	4	118	0.277	W
C1A	20200327	Cloudy	Moderate	Mid-Flood	B	9.5	9:06	10.17	8.32	30.49	22.5	3.21	5	118	0.168	W
C1A	20200327	Cloudy	Moderate	Mid-Flood	B	9.5	9:06	9.5	8.19	30.88	22.41	3.41	5	118	0.18	W
C1A	20200327	Cloudy	Moderate	Mid-Flood	M	5.25	9:07	9.66	8.36	31.02	22.54	2.98	3	120	0.28	W
C1A	20200327	Cloudy	Moderate	Mid-Flood	M	5.25	9:07	9.94	8.36	30.7	22.44	2.91	4	118	0.196	W
C1A	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:08	10.18	8.24	30.65	22.46	2.85	2	119	0.257	W
C1A	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:08	9.15	8.1	31.05	22.46	2.94	2	120	0.27	W
C2A	20200327	Cloudy	Moderate	Mid-Flood	B	10.2	8:00	10.15	8.26	30.56	22.24	3.22	3	118	0.275	NW
C2A	20200327	Cloudy	Moderate	Mid-Flood	B	10.2	8:00	9.86	8.26	30.86	22.2	3.26	3	120	0.195	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
C2A	20200327	Cloudy	Moderate	Mid-Flood	M	5.6	8:01	8.71	8.13	30.89	22.24	2.91	2	122	0.188	W
C2A	20200327	Cloudy	Moderate	Mid-Flood	M	5.6	8:01	8.67	8.28	30.5	22.19	2.89	3	119	0.217	W
C2A	20200327	Cloudy	Moderate	Mid-Flood	S	1	8:02	8.84	8.18	30.7	22.4	3.1	<2	117	0.247	NW
C2A	20200327	Cloudy	Moderate	Mid-Flood	S	1	8:02	9.4	8.11	30.88	22.39	2.92	<2	116	0.217	W
CR1	20200327	Cloudy	Moderate	Mid-Flood	B	11.2	8:22	8.9	8.17	30.83	22.32	3.35	4	120	0.237	W
CR1	20200327	Cloudy	Moderate	Mid-Flood	B	11.2	8:22	9.94	8.17	30.93	22.22	3.49	4	117	0.204	W
CR1	20200327	Cloudy	Moderate	Mid-Flood	M	6.1	8:23	9.36	8.15	30.86	22.43	3.13	3	120	0.25	W
CR1	20200327	Cloudy	Moderate	Mid-Flood	M	6.1	8:23	8.76	8.24	30.46	22.22	2.86	3	122	0.227	NW
CR1	20200327	Cloudy	Moderate	Mid-Flood	S	1	8:24	9.94	8.31	30.86	22.38	2.65	<2	120	0.184	W
CR1	20200327	Cloudy	Moderate	Mid-Flood	S	1	8:24	9.07	8.12	30.94	22.18	2.79	<2	119	0.17	W
CR2	20200327	Cloudy	Moderate	Mid-Flood	B	10	8:36	9.49	8.13	31.02	22.48	3.45	2	119	0.271	W
CR2	20200327	Cloudy	Moderate	Mid-Flood	B	10	8:36	9.47	8.11	30.48	22.3	3.57	3	118	0.231	W
CR2	20200327	Cloudy	Moderate	Mid-Flood	M	5.5	8:37	8.86	8.23	30.46	22.3	3.1	4	117	0.24	W
CR2	20200327	Cloudy	Moderate	Mid-Flood	M	5.5	8:37	8.8	8.28	30.42	22.26	2.94	5	120	0.238	W
CR2	20200327	Cloudy	Moderate	Mid-Flood	S	1	8:38	8.85	8.06	30.7	22.43	2.66	5	115	0.246	W
CR2	20200327	Cloudy	Moderate	Mid-Flood	S	1	8:38	10.2	8.09	30.94	22.37	3.09	5	116	0.168	NW
F1A	20200327	Cloudy	Moderate	Mid-Flood	B	7.5	8:52	8.9	8.2	31.02	22.3	3.33	4	120	0.261	W
F1A	20200327	Cloudy	Moderate	Mid-Flood	B	7.5	8:52	8.88	8.22	30.89	22.28	3.25	4	120	0.231	W
F1A	20200327	Cloudy	Moderate	Mid-Flood	M	4.25	8:53	9.55	8.34	30.98	22.26	2.82	6	118	0.218	W
F1A	20200327	Cloudy	Moderate	Mid-Flood	M	4.25	8:53	10.25	8.36	30.63	22.41	3.29	5	120	0.168	NW
F1A	20200327	Cloudy	Moderate	Mid-Flood	S	1	8:54	10.11	8.25	30.71	22.33	3.07	6	121	0.186	W
F1A	20200327	Cloudy	Moderate	Mid-Flood	S	1	8:54	9.35	8.29	31	22.36	2.96	6	118	0.27	W
H1	20200327	Cloudy	Moderate	Mid-Flood	B	6.5	9:33	9.51	8.28	30.53	22.65	3.46	4	120	0.281	W
H1	20200327	Cloudy	Moderate	Mid-Flood	B	6.5	9:33	9.16	8.34	30.42	22.58	3.5	4	119	0.25	W
H1	20200327	Cloudy	Moderate	Mid-Flood	M	3.75	9:34	8.66	8.26	30.57	22.59	2.82	4	118	0.267	W
H1	20200327	Cloudy	Moderate	Mid-Flood	M	3.75	9:34	9.93	8.13	30.92	22.44	3.09	4	119	0.186	W
H1	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:35	9.54	8.16	30.44	22.46	3.06	2	119	0.217	W
H1	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:35	8.77	8.15	30.84	22.57	2.64	3	120	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
M1	20200327	Cloudy	Moderate	Mid-Flood	B	6.7	8:32	8.92	8.16	30.88	22.45	3.53	<2	119	0.233	NW
M1	20200327	Cloudy	Moderate	Mid-Flood	B	6.7	8:32	9.03	8.2	31.04	22.35	3.57	<2	119	0.27	W
M1	20200327	Cloudy	Moderate	Mid-Flood	M	3.85	8:33	9.51	8.08	30.94	22.27	3.08	<2	118	0.212	W
M1	20200327	Cloudy	Moderate	Mid-Flood	M	3.85	8:33	9.34	8.34	30.77	22.44	2.89	<2	117	0.183	W
M1	20200327	Cloudy	Moderate	Mid-Flood	S	1	8:34	9.97	8.26	30.69	22.43	2.69	2	118	0.216	W
M1	20200327	Cloudy	Moderate	Mid-Flood	S	1	8:34	9.2	8.05	30.47	22.35	2.85	2	116	0.226	W
S1	20200327	Cloudy	Moderate	Mid-Flood	B	4.3	9:57	9.15	8.18	30.99	22.52	3.64	<2	121	0.17	W
S1	20200327	Cloudy	Moderate	Mid-Flood	B	4.3	9:57	10.18	8.07	30.55	22.49	3.5	<2	118	0.189	W
S1	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:58	8.86	8.2	30.59	22.69	3.1	2	120	0.198	NW
S1	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:58	9.86	8.12	30.58	22.7	2.82	2	118	0.229	W
S2A	20200327	Cloudy	Moderate	Mid-Flood	B	8.9	9:36	10.03	8.32	31.05	22.56	3.33	2	120	0.224	NW
S2A	20200327	Cloudy	Moderate	Mid-Flood	B	8.9	9:36	10.1	8.08	30.71	22.45	3.52	2	120	0.232	W
S2A	20200327	Cloudy	Moderate	Mid-Flood	M	4.95	9:37	9.25	8.19	30.73	22.65	3.31	3	120	0.215	NW
S2A	20200327	Cloudy	Moderate	Mid-Flood	M	4.95	9:37	9.35	8.21	30.84	22.43	2.79	3	119	0.221	W
S2A	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:38	8.93	8.09	30.58	22.48	2.69	4	120	0.272	W
S2A	20200327	Cloudy	Moderate	Mid-Flood	S	1	9:38	9.88	8.15	30.57	22.51	3.01	4	119	0.213	W
S3	20200327	Cloudy	Moderate	Mid-Flood	B	9.4	8:46	10.16	8.2	30.78	22.33	3.45	3	119	0.21	W
S3	20200327	Cloudy	Moderate	Mid-Flood	B	9.4	8:46	9.57	8.32	30.85	22.35	3.6	3	119	0.214	W
S3	20200327	Cloudy	Moderate	Mid-Flood	M	5.2	8:47	10.05	8.09	30.87	22.34	2.81	4	120	0.274	W
S3	20200327	Cloudy	Moderate	Mid-Flood	M	5.2	8:47	9.4	8.19	30.72	22.39	3.26	3	119	0.256	W
S3	20200327	Cloudy	Moderate	Mid-Flood	S	1	8:48	9.14	8.31	30.95	22.48	3.1	5	119	0.235	W
S3	20200327	Cloudy	Moderate	Mid-Flood	S	1	8:48	10.28	8.24	30.58	22.4	2.98	4	119	0.265	W
B1	20200327	Cloudy	Moderate	Mid-Ebb	B	3.7	12:41	9.24	8.06	30.7	23.41	3.28	2	122	0.146	SE
B1	20200327	Cloudy	Moderate	Mid-Ebb	B	3.7	12:41	9.18	8.06	30.8	23.23	3.57	3	120	0.242	SE
B1	20200327	Cloudy	Moderate	Mid-Ebb	S	1	12:42	9.88	8.09	30.86	23.27	3.11	6	121	0.163	SE
B1	20200327	Cloudy	Moderate	Mid-Ebb	S	1	12:42	9.34	8.28	30.72	23.24	2.84	5	122	0.195	SE
B2	20200327	Cloudy	Moderate	Mid-Ebb	B	4	12:21	10.17	8.34	30.4	23.34	3.68	3	120	0.168	E
B2	20200327	Cloudy	Moderate	Mid-Ebb	B	4	12:21	8.99	8.25	30.86	23.38	3.46	2	118	0.177	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	20200327	Cloudy	Moderate	Mid-Ebb	S	1	12:22	9.43	8.37	30.64	23.36	3.12	5	121	0.247	E
B2	20200327	Cloudy	Moderate	Mid-Ebb	S	1	12:22	9.16	8.11	30.59	23.13	3.03	4	122	0.23	E
B3	20200327	Cloudy	Moderate	Mid-Ebb	B	3.8	13:08	8.91	8.2	30.84	23.22	3.51	2	119	0.223	SE
B3	20200327	Cloudy	Moderate	Mid-Ebb	B	3.8	13:08	9.37	8.11	30.81	23.4	3.49	2	122	0.22	SE
B3	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:09	9.72	8.07	30.51	23.23	2.81	4	118	0.199	SE
B3	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:09	9.64	8.2	30.78	23.31	3.04	4	120	0.179	E
B4	20200327	Cloudy	Moderate	Mid-Ebb	B	3.3	13:15	10.05	8.22	30.58	23.13	3.63	3	122	0.178	SE
B4	20200327	Cloudy	Moderate	Mid-Ebb	B	3.3	13:15	9.15	8.3	30.75	23.02	3.54	3	122	0.251	SE
B4	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:16	9.3	8.3	30.83	23.28	3.18	5	119	0.183	E
B4	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:16	9.4	8.26	30.82	23.19	3.19	5	118	0.251	E
C1A	20200327	Cloudy	Moderate	Mid-Ebb	B	8.4	12:22	9.23	8.2	30.64	23.31	3.5	4	119	0.147	SE
C1A	20200327	Cloudy	Moderate	Mid-Ebb	B	8.4	12:22	10.11	8.15	30.46	23.18	3.6	4	120	0.154	SE
C1A	20200327	Cloudy	Moderate	Mid-Ebb	M	4.7	12:23	9.88	8.07	30.66	23.24	2.74	2	119	0.229	SE
C1A	20200327	Cloudy	Moderate	Mid-Ebb	M	4.7	12:23	10	8.08	30.77	23.12	2.69	2	121	0.198	E
C1A	20200327	Cloudy	Moderate	Mid-Ebb	S	1	12:24	9.02	8.15	30.41	23.21	2.91	2	122	0.201	SE
C1A	20200327	Cloudy	Moderate	Mid-Ebb	S	1	12:24	8.79	8.18	30.61	23.3	2.56	2	120	0.159	SE
C2A	20200327	Cloudy	Moderate	Mid-Ebb	B	10.8	13:43	9.77	8.3	30.4	23.03	3.55	4	119	0.212	SE
C2A	20200327	Cloudy	Moderate	Mid-Ebb	B	10.8	13:43	9.3	8.22	30.81	23.06	3.66	4	120	0.245	SE
C2A	20200327	Cloudy	Moderate	Mid-Ebb	M	5.9	13:44	9.13	8.07	30.79	23	2.67	3	121	0.249	E
C2A	20200327	Cloudy	Moderate	Mid-Ebb	M	5.9	13:44	9.84	8.24	30.55	23.18	3.01	4	120	0.233	SE
C2A	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:45	9.31	8.21	30.7	22.83	3.06	3	119	0.182	E
C2A	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:45	8.86	8.28	30.53	23.05	3.06	3	120	0.246	SE
CR1	20200327	Cloudy	Moderate	Mid-Ebb	B	11.5	13:24	9.98	8.34	30.62	23.18	3.67	<2	116	0.216	SE
CR1	20200327	Cloudy	Moderate	Mid-Ebb	B	11.5	13:24	9.47	8.32	30.48	23.06	3.11	<2	118	0.178	SE
CR1	20200327	Cloudy	Moderate	Mid-Ebb	M	6.25	13:25	9.03	8.23	30.4	23.34	2.89	<2	116	0.197	SE
CR1	20200327	Cloudy	Moderate	Mid-Ebb	M	6.25	13:25	8.94	8.1	30.68	23.19	2.73	<2	115	0.227	SE
CR1	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:26	10.18	8.23	30.88	23.14	2.71	2	116	0.148	SE
CR1	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:26	8.71	8.23	30.4	23.31	2.78	2	116	0.222	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
CR2	20200327	Cloudy	Moderate	Mid-Ebb	B	11	13:04	9.43	8.35	30.8	23.13	3.36	<2	120	0.223	SE
CR2	20200327	Cloudy	Moderate	Mid-Ebb	B	11	13:04	9.03	8.34	30.65	23.32	3.24	<2	118	0.212	SE
CR2	20200327	Cloudy	Moderate	Mid-Ebb	M	6	13:05	9.56	8.22	30.81	23.28	2.6	<2	117	0.18	E
CR2	20200327	Cloudy	Moderate	Mid-Ebb	M	6	13:05	9.9	8.17	30.77	23.32	3.18	<2	117	0.15	SE
CR2	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:06	9.85	8.17	30.5	23.4	2.65	<2	117	0.205	SE
CR2	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:06	10.12	8.14	30.79	23.18	2.79	<2	116	0.228	E
F1A	20200327	Cloudy	Moderate	Mid-Ebb	B	7.5	13:39	9.6	8.19	30.47	23.24	3.27	<2	117	0.223	SE
F1A	20200327	Cloudy	Moderate	Mid-Ebb	B	7.5	13:39	8.94	8.11	30.71	23.15	3.26	<2	119	0.167	SE
F1A	20200327	Cloudy	Moderate	Mid-Ebb	M	4.25	13:40	9.34	8.27	30.79	22.9	3.07	4	119	0.191	SE
F1A	20200327	Cloudy	Moderate	Mid-Ebb	M	4.25	13:40	9.79	8.07	30.45	23.24	2.87	4	119	0.248	E
F1A	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:41	9.75	8.16	30.84	22.84	2.61	5	117	0.197	E
F1A	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:41	9.53	8.31	30.88	22.98	2.72	5	120	0.194	E
H1	20200327	Cloudy	Moderate	Mid-Ebb	B	7.8	12:47	9.4	8.13	30.58	23.18	3.63	4	120	0.149	SE
H1	20200327	Cloudy	Moderate	Mid-Ebb	B	7.8	12:47	9.23	8.1	30.59	23.38	3.48	4	120	0.196	SE
H1	20200327	Cloudy	Moderate	Mid-Ebb	M	4.4	12:48	8.88	8.35	30.64	23.36	2.71	4	121	0.171	E
H1	20200327	Cloudy	Moderate	Mid-Ebb	M	4.4	12:48	10.11	8.11	30.62	23.26	2.65	4	121	0.25	SE
H1	20200327	Cloudy	Moderate	Mid-Ebb	S	1	12:49	8.89	8.36	30.43	23.22	2.69	3	121	0.147	E
H1	20200327	Cloudy	Moderate	Mid-Ebb	S	1	12:49	9.97	8.31	30.44	23.23	2.81	4	121	0.213	SE
M1	20200327	Cloudy	Moderate	Mid-Ebb	B	8.9	13:58	9.22	8.13	30.49	23.17	3.18	4	118	0.195	SE
M1	20200327	Cloudy	Moderate	Mid-Ebb	B	8.9	13:58	9.77	8.11	30.58	22.84	3.23	4	119	0.182	SE
M1	20200327	Cloudy	Moderate	Mid-Ebb	M	4.95	13:59	10.03	8.31	30.42	23.01	2.87	2	118	0.193	SE
M1	20200327	Cloudy	Moderate	Mid-Ebb	M	4.95	13:59	10.17	8.22	30.65	22.96	2.85	2	118	0.162	SE
M1	20200327	Cloudy	Moderate	Mid-Ebb	S	1	14:00	9.99	8.23	30.73	23.01	3.04	<2	118	0.252	SE
M1	20200327	Cloudy	Moderate	Mid-Ebb	S	1	14:00	10.16	8.17	30.52	22.8	2.85	<2	119	0.221	SE
S1	20200327	Cloudy	Moderate	Mid-Ebb	B	3.8	12:31	8.67	8.14	30.83	23.28	3.3	4	119	0.149	SE
S1	20200327	Cloudy	Moderate	Mid-Ebb	B	3.8	12:31	8.68	8.18	30.79	23.34	3.2	3	117	0.237	E
S1	20200327	Cloudy	Moderate	Mid-Ebb	S	1	12:32	9.35	8.19	30.83	23.22	2.66	6	119	0.239	SE
S1	20200327	Cloudy	Moderate	Mid-Ebb	S	1	12:32	9.15	8.06	30.76	23.36	3.15	6	119	0.209	SE



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Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
S2A	20200327	Cloudy	Moderate	Mid-Ebb	B	8.5	12:55	9.61	8.26	30.69	23.29	3.69	<2	118	0.165	SE
S2A	20200327	Cloudy	Moderate	Mid-Ebb	B	8.5	12:55	10.17	8.29	30.46	23.3	3.28	<2	117	0.213	SE
S2A	20200327	Cloudy	Moderate	Mid-Ebb	M	4.75	12:56	10.13	8.34	30.83	23.26	3.06	4	120	0.161	E
S2A	20200327	Cloudy	Moderate	Mid-Ebb	M	4.75	12:56	9.77	8.07	30.49	23.32	2.97	4	118	0.185	SE
S2A	20200327	Cloudy	Moderate	Mid-Ebb	S	1	12:57	9.39	8.26	30.83	23.29	3.06	8	120	0.225	E
S2A	20200327	Cloudy	Moderate	Mid-Ebb	S	1	12:57	9.94	8.23	30.75	23.41	3.1	8	119	0.246	SE
S3	20200327	Cloudy	Moderate	Mid-Ebb	B	9.4	13:13	9.89	8.14	30.74	23.21	3.28	3	117	0.216	SE
S3	20200327	Cloudy	Moderate	Mid-Ebb	B	9.4	13:13	10.15	8.14	30.61	23.2	3.53	2	118	0.224	SE
S3	20200327	Cloudy	Moderate	Mid-Ebb	M	5.2	13:14	9.45	8.1	30.42	23.28	2.85	<2	118	0.188	SE
S3	20200327	Cloudy	Moderate	Mid-Ebb	M	5.2	13:14	8.94	8.16	30.42	23.3	2.8	<2	117	0.213	E
S3	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:15	9.86	8.37	30.79	23.2	3.23	<2	120	0.151	SE
S3	20200327	Cloudy	Moderate	Mid-Ebb	S	1	13:15	9.39	8.31	30.68	23.38	3.14	<2	118	0.219	SE
B1	20200330	Cloudy	Moderate	Mid-Flood	B	3.7	10:27	9.28	8.20	30.0	20.3	3.55	3	120	0.276	W
B1	20200330	Cloudy	Moderate	Mid-Flood	B	3.7	10:27	8.86	8.26	29.5	20.3	3.35	3	120	0.279	NW
B1	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	10:28	10.07	8.16	29.5	20.5	2.72	2	122	0.222	W
B1	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	10:28	10.21	8.26	29.7	20.3	2.86	2	120	0.263	W
B2	20200330	Cloudy	Moderate	Mid-Flood	B	3.4	10:46	9.89	8.07	29.3	20.5	3.35	3	121	0.248	W
B2	20200330	Cloudy	Moderate	Mid-Flood	B	3.4	10:46	9.27	8.13	29.5	20.4	3.43	3	120	0.248	NW
B2	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	10:47	9.56	8.03	30.0	20.4	3.05	4	122	0.221	W
B2	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	10:47	10.05	8.29	29.3	20.4	2.77	4	122	0.272	W
B3	20200330	Cloudy	Moderate	Mid-Flood	B	3.9	10:02	9.13	8.08	29.9	20.4	3.46	4	121	0.254	NW
B3	20200330	Cloudy	Moderate	Mid-Flood	B	3.9	10:02	10.03	8.24	29.4	20.3	3.69	4	122	0.211	W
B3	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	10:03	9.16	8.01	29.3	20.3	3.01	3	121	0.191	NW
B3	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	10:03	9.41	8.28	29.5	20.3	2.82	3	122	0.244	W
B4	20200330	Cloudy	Moderate	Mid-Flood	B	3.5	09:55	9.26	8.08	29.5	20.4	3.6	3	121	0.273	W
B4	20200330	Cloudy	Moderate	Mid-Flood	B	3.5	09:55	9.61	8.28	29.9	20.3	3.4	3	119	0.198	W
B4	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	09:56	10.03	8.24	29.6	20.3	3.19	4	122	0.18	W
B4	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	09:56	10.11	8.12	29.5	20.4	2.8	4	123	0.205	W

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
C1A	20200330	Cloudy	Moderate	Mid-Flood	B	9.0	09:03	9.51	8.07	29.5	20.5	3.23	2	118	0.253	W
C1A	20200330	Cloudy	Moderate	Mid-Flood	B	9.0	09:03	9.21	8.25	29.3	20.2	3.66	2	120	0.224	W
C1A	20200330	Cloudy	Moderate	Mid-Flood	M	5.0	09:04	10.29	8.28	29.4	20.4	2.91	3	118	0.219	W
C1A	20200330	Cloudy	Moderate	Mid-Flood	M	5.0	09:04	9.93	8.08	29.8	20.4	3.02	3	121	0.239	W
C1A	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	09:05	9.82	8.24	29.8	20.3	2.82	4	119	0.185	NW
C1A	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	09:05	8.9	8.13	29.8	20.5	2.86	4	118	0.221	W
C2A	20200330	Cloudy	Moderate	Mid-Flood	B	10.8	08:00	10.25	8.10	29.8	20.4	3.09	3	119	0.179	W
C2A	20200330	Cloudy	Moderate	Mid-Flood	B	10.8	08:00	9.35	8.18	29.6	20.4	3.63	3	120	0.209	W
C2A	20200330	Cloudy	Moderate	Mid-Flood	M	5.9	08:01	9.91	8.03	29.5	20.5	3.01	4	118	0.25	W
C2A	20200330	Cloudy	Moderate	Mid-Flood	M	5.9	08:01	9.04	8.17	29.5	20.6	2.97	4	121	0.181	W
C2A	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	08:02	8.83	8.29	29.4	20.4	2.95	4	120	0.233	W
C2A	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	08:02	9.87	8.00	29.3	20.4	2.61	4	118	0.249	W
CR1	20200330	Cloudy	Moderate	Mid-Flood	B	12.1	08:20	10.3	8.18	29.7	20.4	3.22	2	120	0.192	W
CR1	20200330	Cloudy	Moderate	Mid-Flood	B	12.1	08:20	9.6	8.04	29.6	20.4	3.52	3	119	0.245	W
CR1	20200330	Cloudy	Moderate	Mid-Flood	M	6.6	08:21	10.01	8.05	29.5	20.6	2.83	2	119	0.269	W
CR1	20200330	Cloudy	Moderate	Mid-Flood	M	6.6	08:21	8.97	8.04	29.9	20.5	3.27	2	120	0.259	NW
CR1	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	08:22	9.21	8.26	29.2	20.6	2.64	2	120	0.282	W
CR1	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	08:22	10.29	8.11	29.4	20.4	2.98	2	121	0.248	W
CR2	20200330	Cloudy	Moderate	Mid-Flood	B	10.8	08:36	10.05	8.05	29.7	20.4	3.25	3	119	0.183	NW
CR2	20200330	Cloudy	Moderate	Mid-Flood	B	10.8	08:36	9.08	8.04	29.9	20.5	3.24	3	120	0.228	W
CR2	20200330	Cloudy	Moderate	Mid-Flood	M	5.9	08:37	8.85	8.10	29.2	20.4	2.84	3	119	0.223	W
CR2	20200330	Cloudy	Moderate	Mid-Flood	M	5.9	08:37	9.03	8.16	29.5	20.5	2.83	3	120	0.196	W
CR2	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	08:38	8.89	8.08	29.9	20.5	3	2	118	0.255	W
CR2	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	08:38	9.05	8.12	29.4	20.4	2.72	2	119	0.169	W
F1A	20200330	Cloudy	Moderate	Mid-Flood	B	6.9	09:33	9.34	8.05	29.5	20.5	3.55	3	120	0.28	NW
F1A	20200330	Cloudy	Moderate	Mid-Flood	B	6.9	09:33	9.82	8.26	29.6	20.5	3.31	3	117	0.231	W
F1A	20200330	Cloudy	Moderate	Mid-Flood	M	4.0	09:34	10.23	8.02	29.6	20.3	3.09	3	119	0.262	W
F1A	20200330	Cloudy	Moderate	Mid-Flood	M	4.0	09:34	9.77	8.07	29.7	20.4	3.19	3	117	0.216	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
F1A	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	09:35	9.08	8.06	29.8	20.5	3.13	3	120	0.186	W
F1A	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	09:35	10.16	8.22	29.7	20.3	2.6	3	118	0.238	W
H1	20200330	Cloudy	Moderate	Mid-Flood	B	7.2	09:31	9.4	8.21	29.3	20.4	3.46	3	119	0.209	W
H1	20200330	Cloudy	Moderate	Mid-Flood	B	7.2	09:31	10.19	8.02	29.9	20.3	3.19	4	121	0.199	W
H1	20200330	Cloudy	Moderate	Mid-Flood	M	4.1	09:32	10.16	8.13	29.4	20.4	2.94	4	121	0.264	W
H1	20200330	Cloudy	Moderate	Mid-Flood	M	4.1	09:32	9.57	8.07	29.7	20.5	3.18	4	122	0.278	W
H1	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	09:33	9.96	8.14	29.5	20.5	2.57	4	120	0.244	W
H1	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	09:33	8.93	8.12	29.8	20.4	3.07	4	120	0.174	W
M1	20200330	Cloudy	Moderate	Mid-Flood	B	7.1	09:11	9.25	8.09	29.4	20.2	3.55	4	119	0.209	W
M1	20200330	Cloudy	Moderate	Mid-Flood	B	7.1	09:11	9.66	8.23	29.4	20.4	3.15	4	122	0.254	W
M1	20200330	Cloudy	Moderate	Mid-Flood	M	4.1	09:12	9.8	8.19	29.9	20.5	3.11	3	118	0.273	W
M1	20200330	Cloudy	Moderate	Mid-Flood	M	4.1	09:12	10.12	8.27	29.3	20.4	2.97	3	119	0.221	W
M1	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	09:13	9.83	8.13	29.6	20.3	2.89	3	119	0.243	NW
M1	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	09:13	8.88	8.01	29.8	20.3	2.9	3	119	0.266	W
S1	20200330	Cloudy	Moderate	Mid-Flood	B	4.4	10:36	9.18	8.10	29.8	20.5	3.2	3	122	0.27	W
S1	20200330	Cloudy	Moderate	Mid-Flood	B	4.4	10:36	8.88	8.09	29.2	20.4	3.55	3	119	0.198	W
S1	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	10:37	9.9	8.01	29.8	20.5	2.74	4	119	0.275	NW
S1	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	10:37	9.9	8.14	29.9	20.5	2.79	4	118	0.206	W
S2A	20200330	Cloudy	Moderate	Mid-Flood	B	8.4	10:15	9.7	8.11	29.8	20.4	3.56	3	121	0.244	W
S2A	20200330	Cloudy	Moderate	Mid-Flood	B	8.4	10:15	8.99	8.00	29.3	20.4	3.13	3	121	0.168	W
S2A	20200330	Cloudy	Moderate	Mid-Flood	M	4.7	10:16	8.99	8.21	30.0	20.4	3.14	3	120	0.205	W
S2A	20200330	Cloudy	Moderate	Mid-Flood	M	4.7	10:16	10.11	8.18	29.3	20.3	2.9	2	120	0.209	W
S2A	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	10:17	10.23	8.11	29.6	20.5	3.03	4	119	0.28	NW
S2A	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	10:17	9.63	8.17	29.6	20.3	2.97	4	119	0.184	W
S3	20200330	Cloudy	Moderate	Mid-Flood	B	8.9	08:46	9.88	8.23	29.8	20.3	3.61	2	120	0.213	W
S3	20200330	Cloudy	Moderate	Mid-Flood	B	8.9	08:46	9.61	8.04	29.5	20.4	3.5	2	119	0.193	W
S3	20200330	Cloudy	Moderate	Mid-Flood	M	5.0	08:47	9.82	8.24	29.9	20.6	3.09	3	120	0.204	W
S3	20200330	Cloudy	Moderate	Mid-Flood	M	5.0	08:47	9.44	8.10	29.6	20.4	2.75	3	119	0.199	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	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	08:48	9.36	8.05	29.5	20.5	3.1	4	120	0.259	W
S3	20200330	Cloudy	Moderate	Mid-Flood	S	1.0	08:48	9.13	8.21	29.4	20.4	2.99	3	120	0.179	W
B1	20200330	Cloudy	Moderate	Mid-Ebb	B	3.8	14:06	9.74	8.34	29.5	20.6	3.13	5	121	0.201	SE
B1	20200330	Cloudy	Moderate	Mid-Ebb	B	3.8	14:06	9.09	8.12	29.6	20.6	3.61	5	122	0.15	SE
B1	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:07	10.11	8.15	29.3	20.5	2.62	4	122	0.146	SE
B1	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:07	9.31	8.20	29.4	20.5	2.82	4	123	0.236	E
B2	20200330	Cloudy	Moderate	Mid-Ebb	B	4.1	13:50	8.84	8.10	29.7	20.5	3.23	5	122	0.178	SE
B2	20200330	Cloudy	Moderate	Mid-Ebb	B	4.1	13:50	9.24	8.18	29.4	20.4	3.35	5	122	0.194	SE
B2	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	13:51	9.09	8.16	29.8	20.4	2.85	5	121	0.157	SE
B2	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	13:51	10.07	8.23	29.8	20.4	2.85	5	120	0.187	SE
B3	20200330	Cloudy	Moderate	Mid-Ebb	B	3.5	14:35	9.94	8.23	29.6	20.4	3.21	6	124	0.249	SE
B3	20200330	Cloudy	Moderate	Mid-Ebb	B	3.5	14:35	9.97	8.11	29.3	20.5	3.35	6	123	0.216	SE
B3	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:36	9.5	8.28	29.7	20.5	2.86	4	124	0.187	SE
B3	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:36	9.64	8.33	29.6	20.6	2.84	4	124	0.21	E
B4	20200330	Cloudy	Moderate	Mid-Ebb	B	3.5	14:43	8.83	8.23	29.6	20.6	3.23	4	120	0.185	SE
B4	20200330	Cloudy	Moderate	Mid-Ebb	B	3.5	14:43	8.98	8.36	29.3	20.6	3.62	4	121	0.147	E
B4	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:44	9.03	8.30	29.4	20.5	2.91	5	122	0.213	E
B4	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:44	8.93	8.22	29.6	20.5	3.06	4	125	0.207	SE
C1A	20200330	Cloudy	Moderate	Mid-Ebb	B	9.9	13:50	10.16	8.11	29.6	20.5	3.43	3	121	0.218	SE
C1A	20200330	Cloudy	Moderate	Mid-Ebb	B	9.9	13:50	8.94	8.11	29.8	20.5	3.44	2	120	0.234	SE
C1A	20200330	Cloudy	Moderate	Mid-Ebb	M	5.5	13:51	9.7	8.04	29.6	20.4	2.56	3	120	0.203	SE
C1A	20200330	Cloudy	Moderate	Mid-Ebb	M	5.5	13:51	9.02	8.37	29.8	20.5	3.09	3	120	0.179	SE
C1A	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	13:52	9.48	8.08	29.7	20.5	2.73	4	121	0.219	SE
C1A	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	13:52	8.97	8.17	29.7	20.4	2.78	4	123	0.174	E
C2A	20200330	Cloudy	Moderate	Mid-Ebb	B	10.9	15:10	10.21	8.37	29.4	20.6	3.16	3	122	0.2	SE
C2A	20200330	Cloudy	Moderate	Mid-Ebb	B	10.9	15:10	8.98	8.18	29.6	20.6	3.31	2	120	0.154	E
C2A	20200330	Cloudy	Moderate	Mid-Ebb	M	6.0	15:11	9.24	8.09	29.4	20.6	2.78	3	120	0.198	E
C2A	20200330	Cloudy	Moderate	Mid-Ebb	M	6.0	15:11	9.91	8.03	29.5	20.4	2.56	3	121	0.189	SE

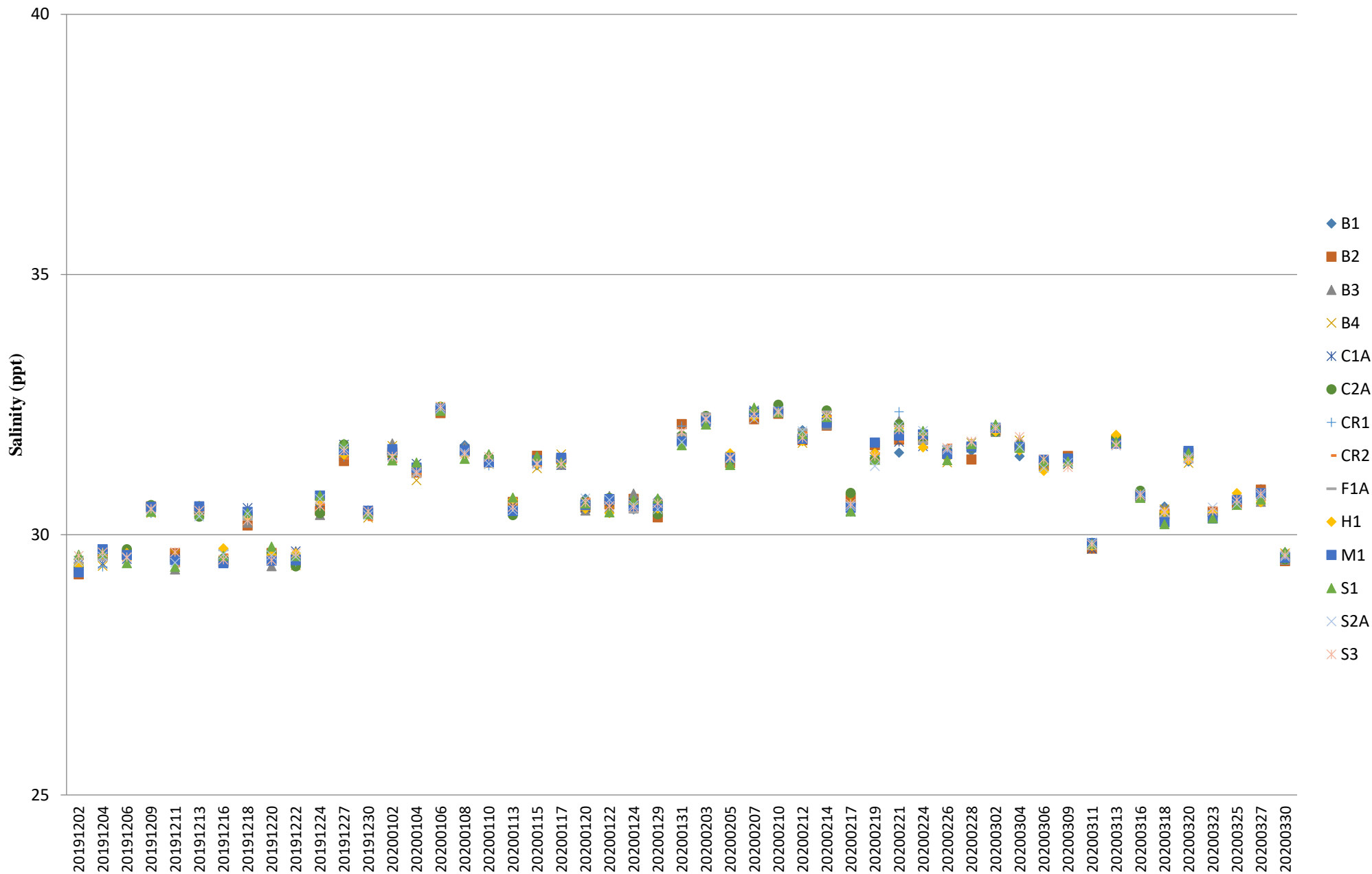
Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (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	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	15:12	8.87	8.31	29.4	20.6	3.04	4	121	0.149	SE
C2A	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	15:12	10.06	8.24	29.6	20.5	2.54	4	121	0.249	SE
CR1	20200330	Cloudy	Moderate	Mid-Ebb	B	11.4	14:49	9.1	8.25	29.8	20.5	3.46	3	118	0.189	E
CR1	20200330	Cloudy	Moderate	Mid-Ebb	B	11.4	14:49	9.27	8.17	29.5	20.5	3.35	3	119	0.248	E
CR1	20200330	Cloudy	Moderate	Mid-Ebb	M	6.2	14:50	9.35	8.05	29.4	20.4	2.56	2	118	0.183	E
CR1	20200330	Cloudy	Moderate	Mid-Ebb	M	6.2	14:50	9.87	8.25	29.4	20.4	3.08	3	116	0.185	E
CR1	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:51	9.73	8.10	29.7	20.5	2.91	2	116	0.179	E
CR1	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:51	9.41	8.30	29.7	20.5	2.75	2	117	0.236	E
CR2	20200330	Cloudy	Moderate	Mid-Ebb	B	10.1	14:31	9.05	8.11	29.6	20.6	3.59	3	118	0.188	SE
CR2	20200330	Cloudy	Moderate	Mid-Ebb	B	10.1	14:31	9.73	8.13	29.4	20.5	3.41	3	118	0.183	SE
CR2	20200330	Cloudy	Moderate	Mid-Ebb	M	5.6	14:32	10.15	8.30	29.6	20.4	3.07	<2	118	0.185	E
CR2	20200330	Cloudy	Moderate	Mid-Ebb	M	5.6	14:32	10.15	8.12	29.4	20.4	2.99	2	115	0.207	E
CR2	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:33	9.66	8.28	29.6	20.4	3.04	2	116	0.206	SE
CR2	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:33	9.92	8.05	29.6	20.5	2.91	2	117	0.17	E
F1A	20200330	Cloudy	Moderate	Mid-Ebb	B	7.1	15:09	8.99	8.37	29.4	20.5	3.53	4	117	0.174	SE
F1A	20200330	Cloudy	Moderate	Mid-Ebb	B	7.1	15:09	8.94	8.26	29.8	20.5	3.25	4	117	0.237	E
F1A	20200330	Cloudy	Moderate	Mid-Ebb	M	4.1	15:10	9.45	8.27	29.5	20.6	2.9	3	116	0.151	SE
F1A	20200330	Cloudy	Moderate	Mid-Ebb	M	4.1	15:10	10.08	8.04	29.3	20.5	2.76	3	118	0.197	SE
F1A	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	15:11	9.41	8.13	29.4	20.4	2.54	2	120	0.201	E
F1A	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	15:11	8.89	8.37	29.8	20.6	2.5	2	121	0.184	SE
H1	20200330	Cloudy	Moderate	Mid-Ebb	B	7.5	14:15	10.06	8.25	29.5	20.5	3.24	3	121	0.248	E
H1	20200330	Cloudy	Moderate	Mid-Ebb	B	7.5	14:15	9.11	8.29	29.4	20.6	3.25	3	121	0.237	SE
H1	20200330	Cloudy	Moderate	Mid-Ebb	M	4.3	14:16	9.43	8.15	29.3	20.6	2.53	3	121	0.242	SE
H1	20200330	Cloudy	Moderate	Mid-Ebb	M	4.3	14:16	10.18	8.20	29.7	20.5	2.85	3	120	0.224	SE
H1	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:17	9.71	8.36	29.5	20.6	2.9	4	122	0.146	SE
H1	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:17	9.36	8.09	29.7	20.5	2.98	4	121	0.182	E
M1	20200330	Cloudy	Moderate	Mid-Ebb	B	8.7	15:29	9.72	8.16	29.4	20.5	3.13	3	118	0.149	E
M1	20200330	Cloudy	Moderate	Mid-Ebb	B	8.7	15:29	9.11	8.05	29.6	20.6	3.63	3	116	0.181	E

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 Impact Water Quality Monitoring Data

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level note 1	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 2	SS (mg/L)	Total Alkalinity (mg/L)	Current Velocity (m/s)	Direction in NESW
M1	20200330	Cloudy	Moderate	Mid-Ebb	M	4.9	15:30	10.23	8.14	29.7	20.6	2.92	3	117	0.213	SE
M1	20200330	Cloudy	Moderate	Mid-Ebb	M	4.9	15:30	9.33	8.26	29.7	20.6	2.61	3	117	0.199	SE
M1	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	15:31	9.72	8.26	29.5	20.6	2.7	3	117	0.22	E
M1	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	15:31	9.7	8.19	29.6	20.6	2.93	3	118	0.198	SE
S1	20200330	Cloudy	Moderate	Mid-Ebb	B	4.5	13:59	9.34	8.17	29.5	20.6	3.36	3	116	0.18	SE
S1	20200330	Cloudy	Moderate	Mid-Ebb	B	4.5	13:59	8.84	8.35	29.4	20.4	3.33	3	116	0.216	SE
S1	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:00	9.24	8.09	29.7	20.4	2.66	4	118	0.157	E
S1	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:00	9.46	8.22	29.3	20.4	2.5	4	117	0.215	SE
S2A	20200330	Cloudy	Moderate	Mid-Ebb	B	8.6	14:22	9.22	8.32	29.4	20.6	3.25	4	117	0.161	E
S2A	20200330	Cloudy	Moderate	Mid-Ebb	B	8.6	14:22	10.21	8.33	29.7	20.5	3.2	4	117	0.198	SE
S2A	20200330	Cloudy	Moderate	Mid-Ebb	M	4.8	14:23	10.14	8.33	29.8	20.5	2.96	4	116	0.232	SE
S2A	20200330	Cloudy	Moderate	Mid-Ebb	M	4.8	14:23	10.08	8.31	29.3	20.6	2.94	4	117	0.169	SE
S2A	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:24	9.65	8.14	29.7	20.6	2.58	3	118	0.211	SE
S2A	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:24	9.98	8.27	29.4	20.7	2.64	3	116	0.16	SE
S3	20200330	Cloudy	Moderate	Mid-Ebb	B	10.0	14:39	10.36	8.31	29.7	20.5	3.7	3	117	0.173	SE
S3	20200330	Cloudy	Moderate	Mid-Ebb	B	10.0	14:39	10.31	8.31	29.5	20.5	3.44	3	117	0.204	SE
S3	20200330	Cloudy	Moderate	Mid-Ebb	M	5.5	14:40	9.41	8.17	29.4	20.4	2.81	2	117	0.226	SE
S3	20200330	Cloudy	Moderate	Mid-Ebb	M	5.5	14:40	9.19	8.13	29.7	20.4	2.54	3	118	0.238	E
S3	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:41	10.21	8.04	29.6	20.5	2.72	2	117	0.199	SE
S3	20200330	Cloudy	Moderate	Mid-Ebb	S	1.0	14:41	9.92	8.08	29.4	20.6	2.95	2	118	0.21	E
Remarks:																
Note 1: S - Surface		M - Middle		B - Bottom												
Note 2: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.																

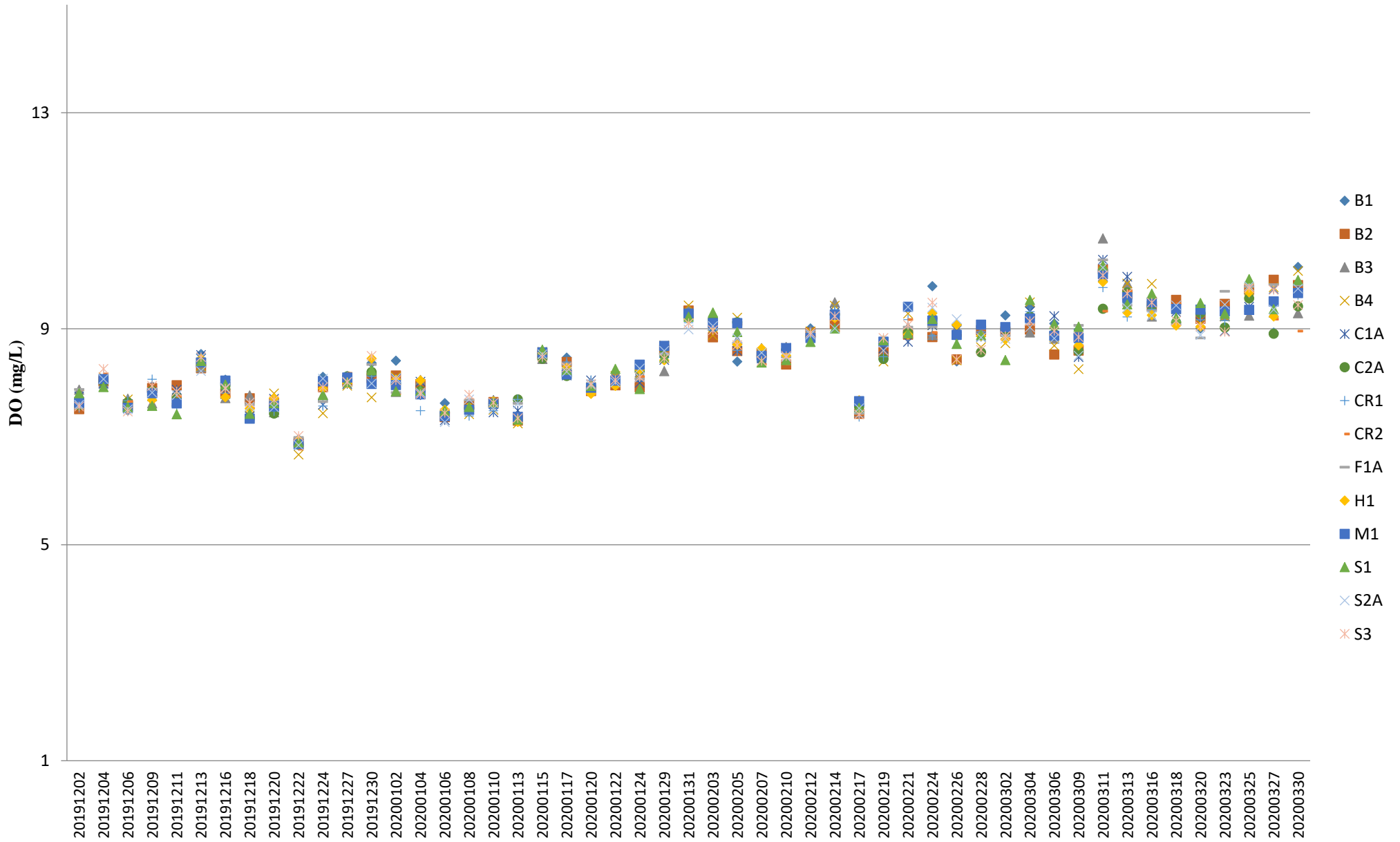
# Salinity (Depth-averaged) during MID-FLOOD





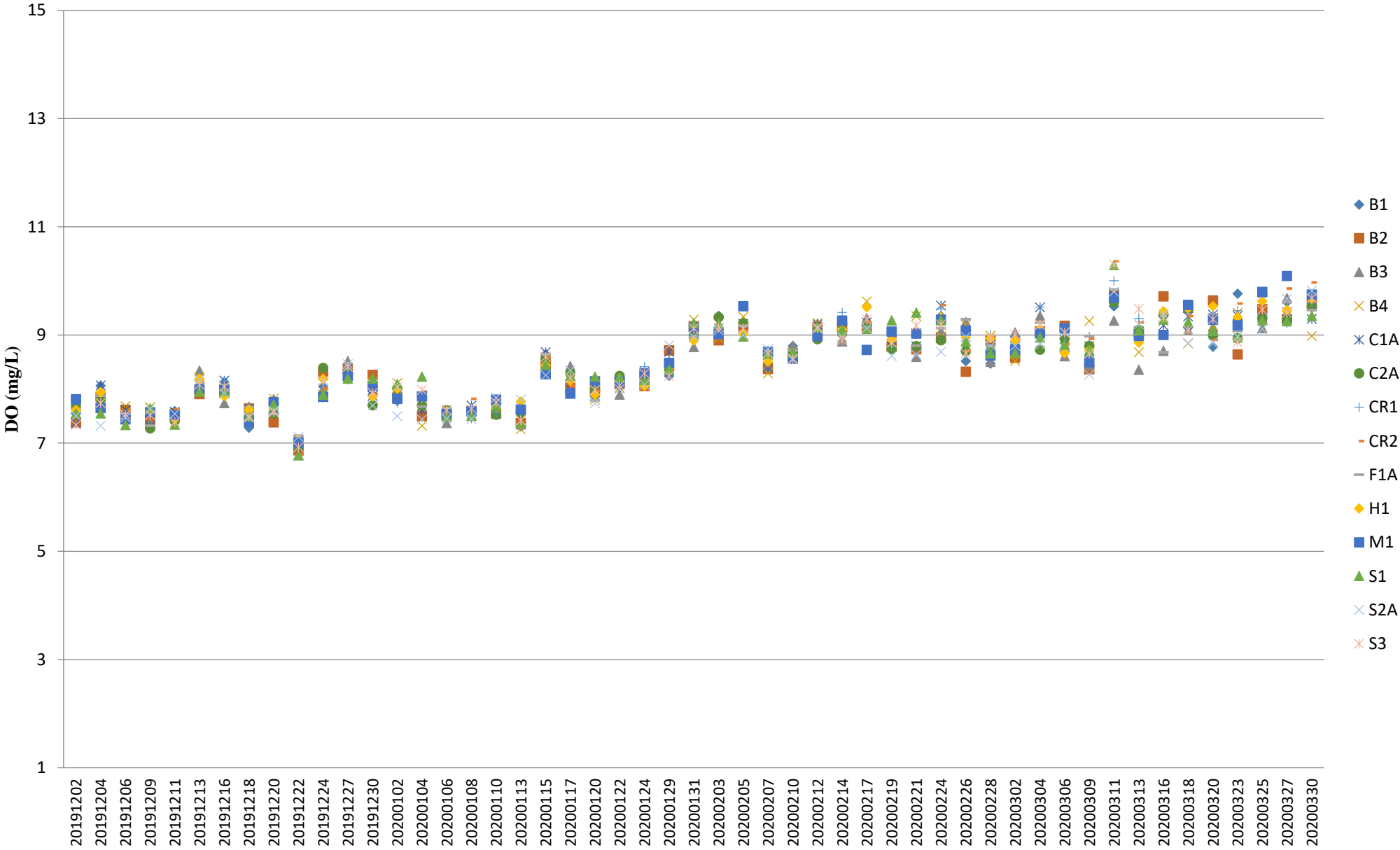


## Dissolved Oxygen (Surface & Middle) during MID-FLOOD



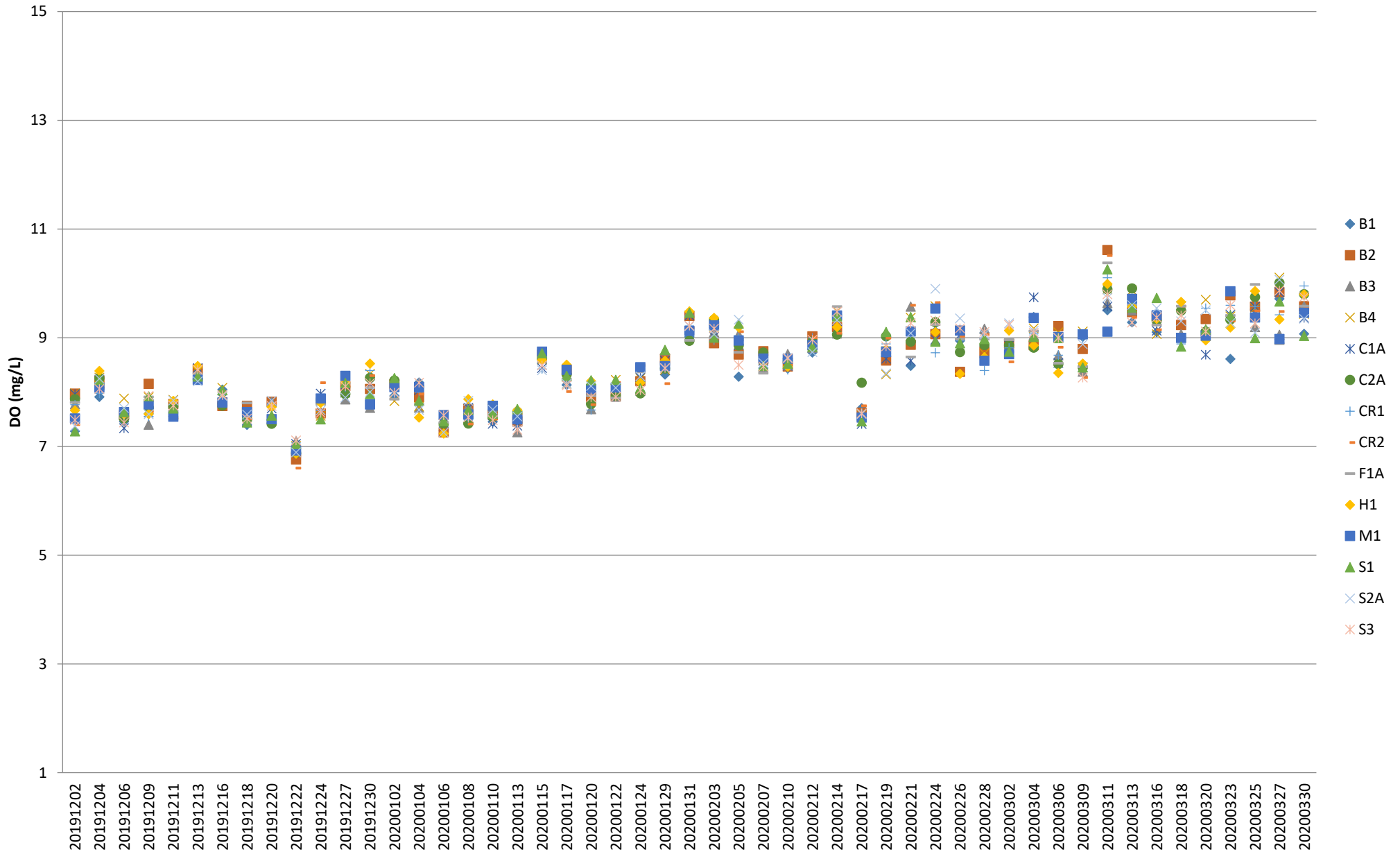
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM&A report.

# Dissolved Oxygen (Surface & Middle) during MID-EBB



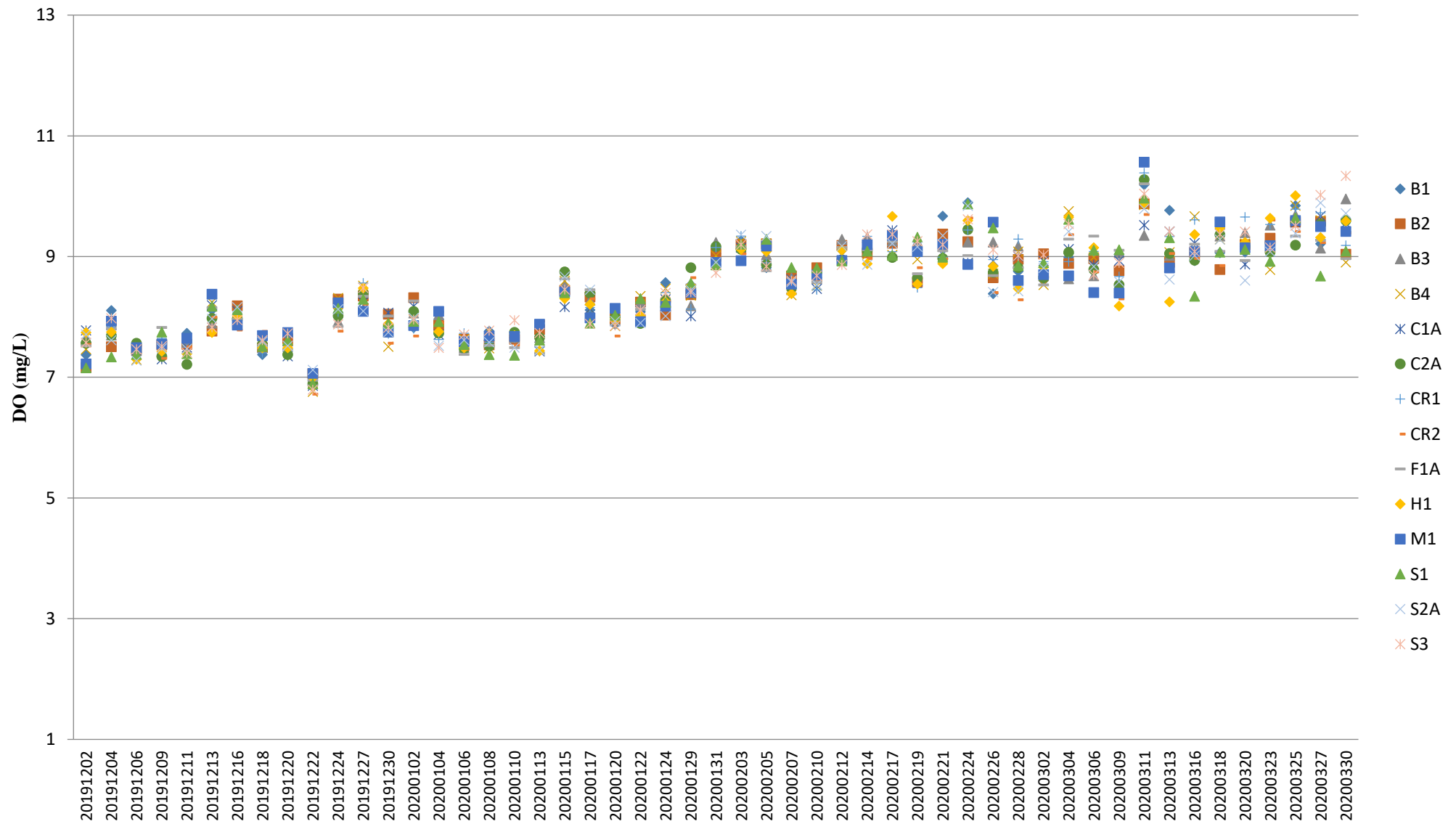
Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM&A report.

## Dissolved Oxygen (Bottom) during MID-FLOOD



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

## Dissolved Oxygen (Bottom) during MID-EBB

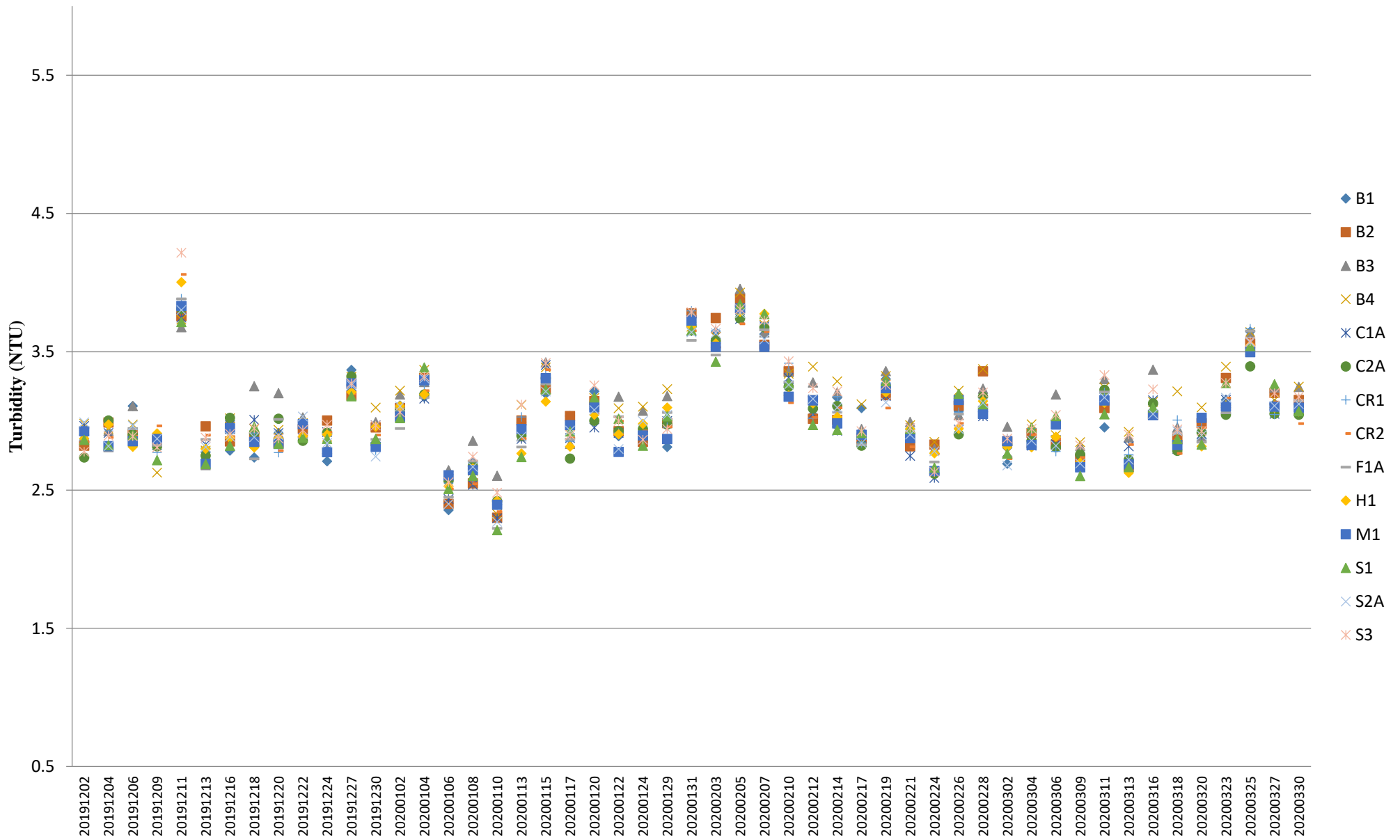


Note: The Action and Limit Level of dissolved oxygen can be referred to **Table 2.7** of the monthly EM&A report.



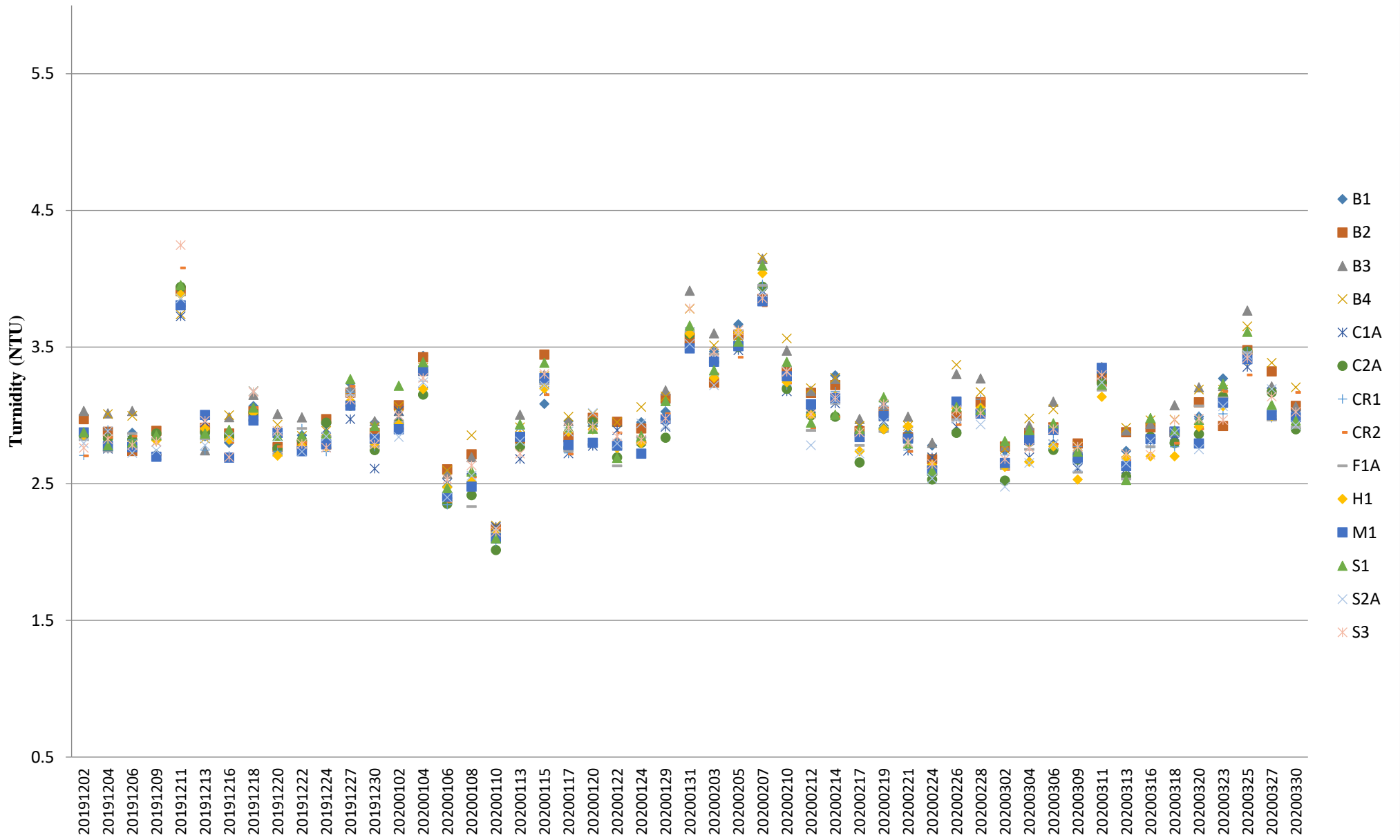


## Turbidity (Depth-averaged) during MID-FLOOD



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

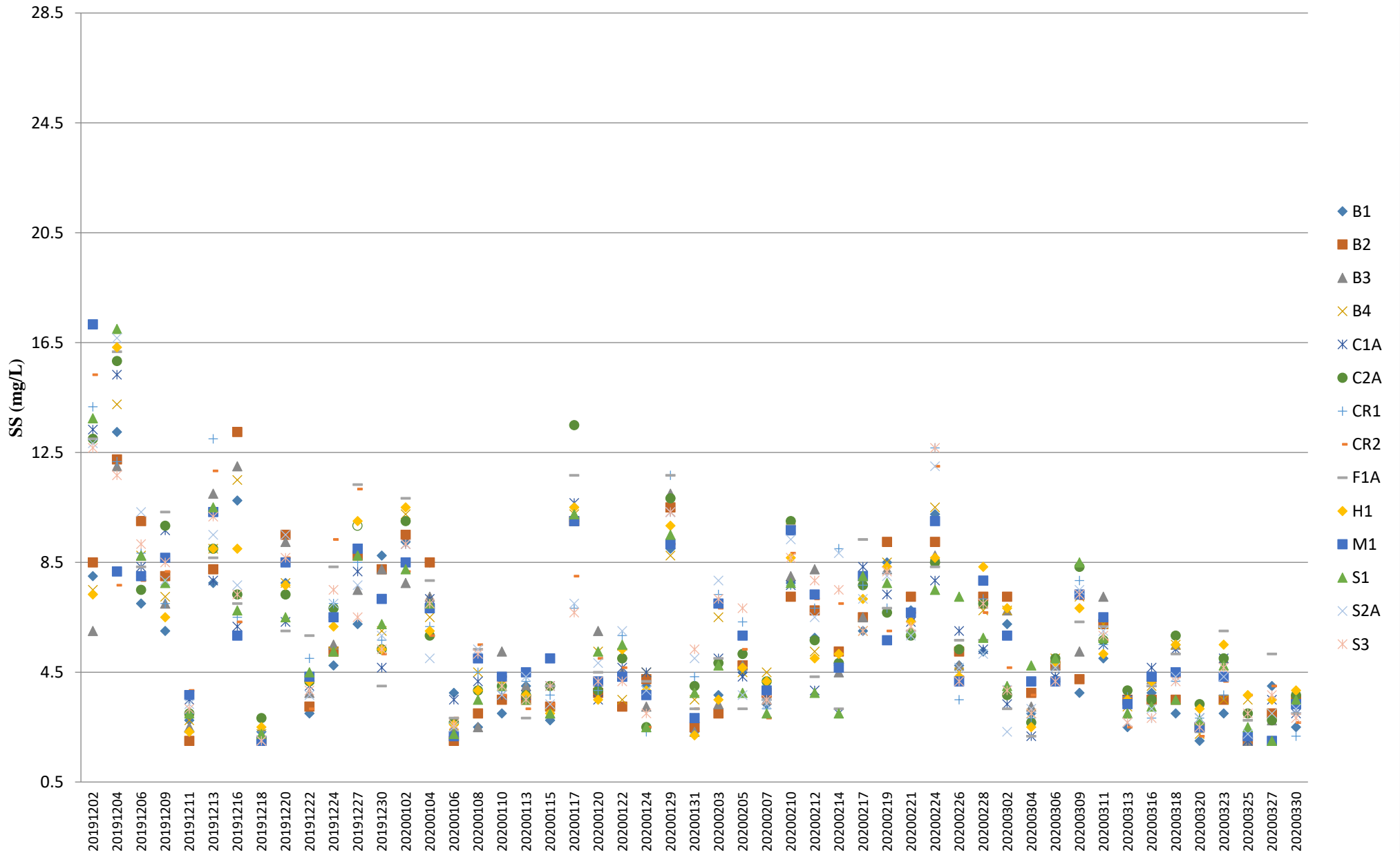
## Turbidity (Depth-averaged) during MID-EBB



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

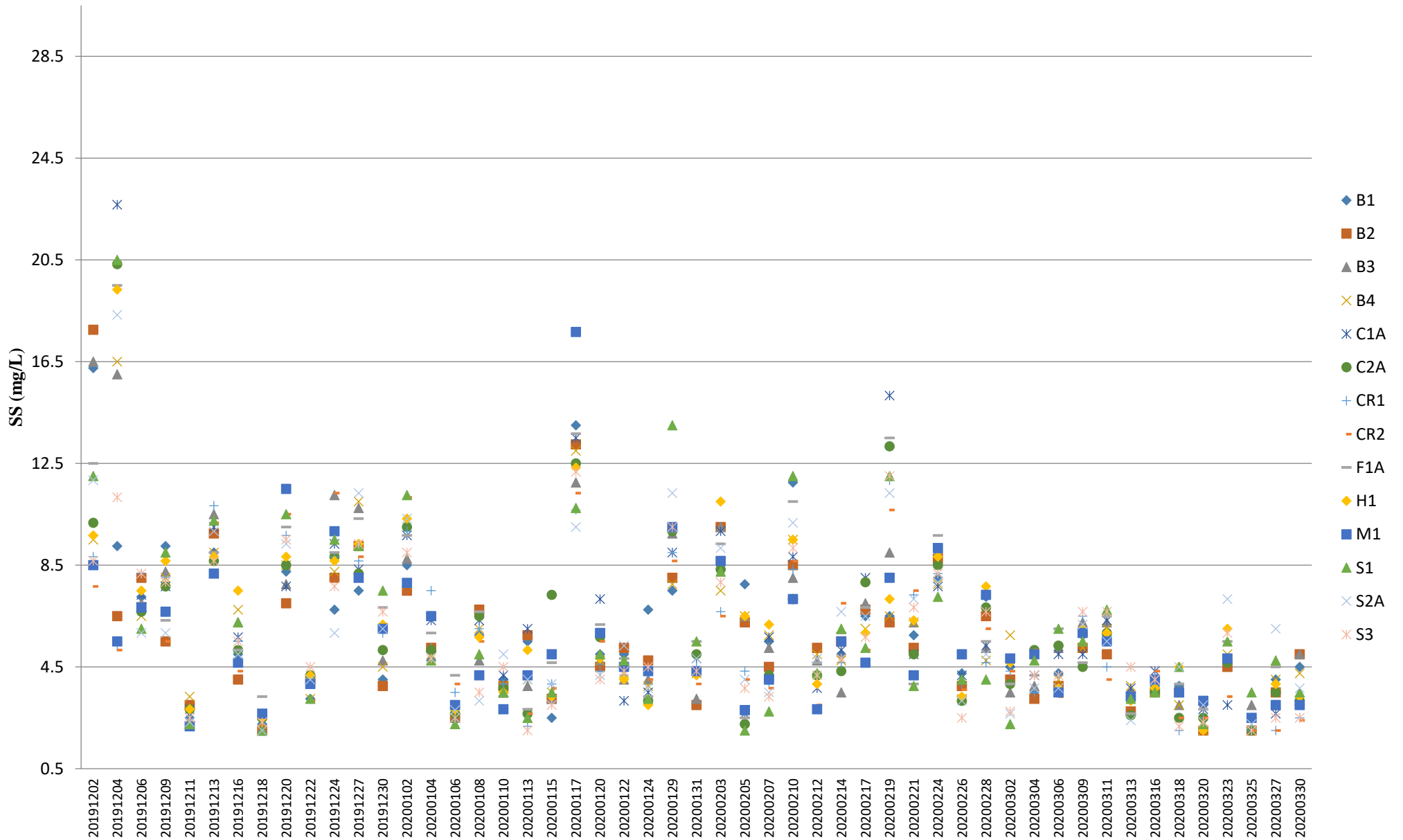


## Suspended Solids (Depth-averaged) during MID-FLOOD



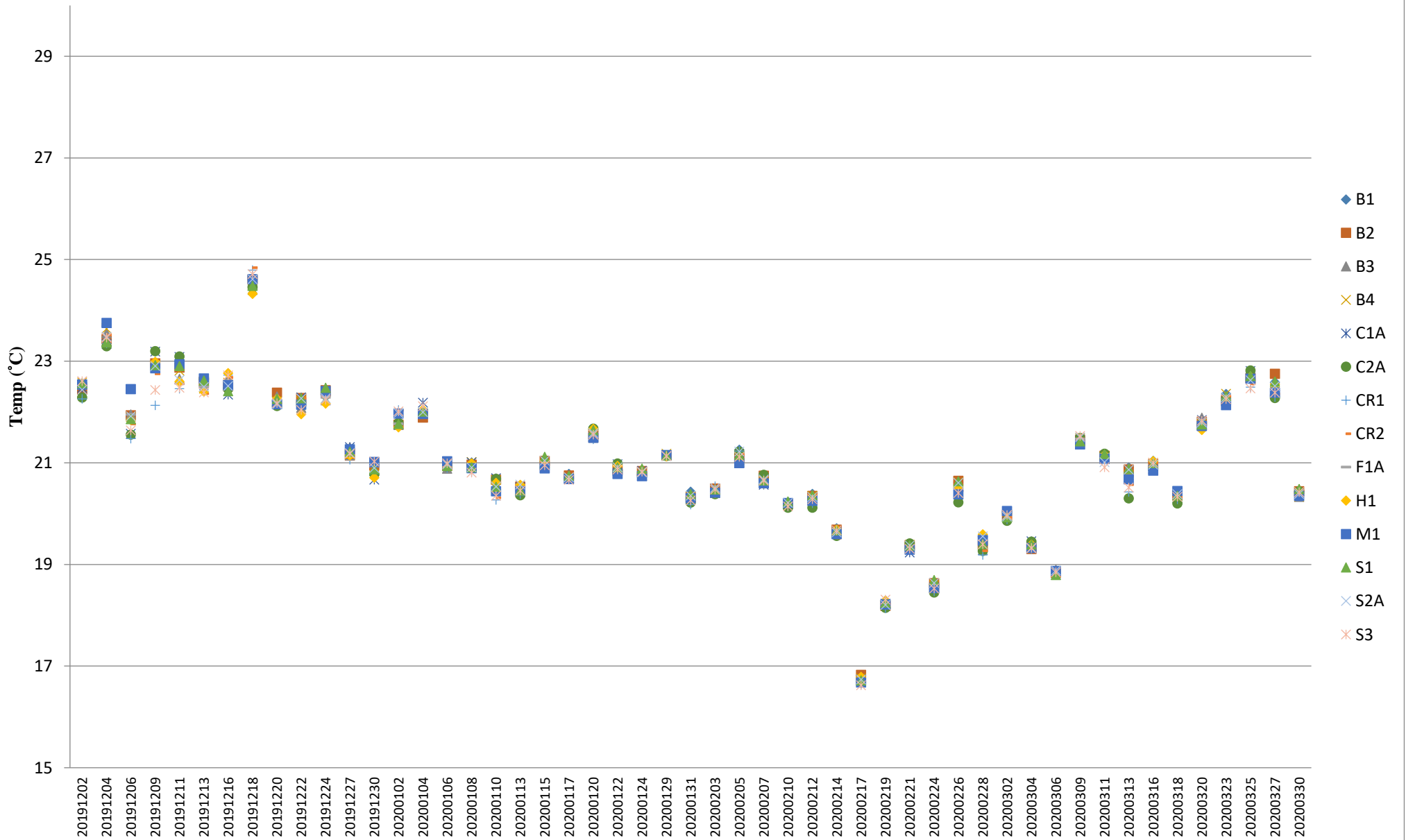
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM&A report.

## Suspended Solids (Depth-averaged) during MID-EBB



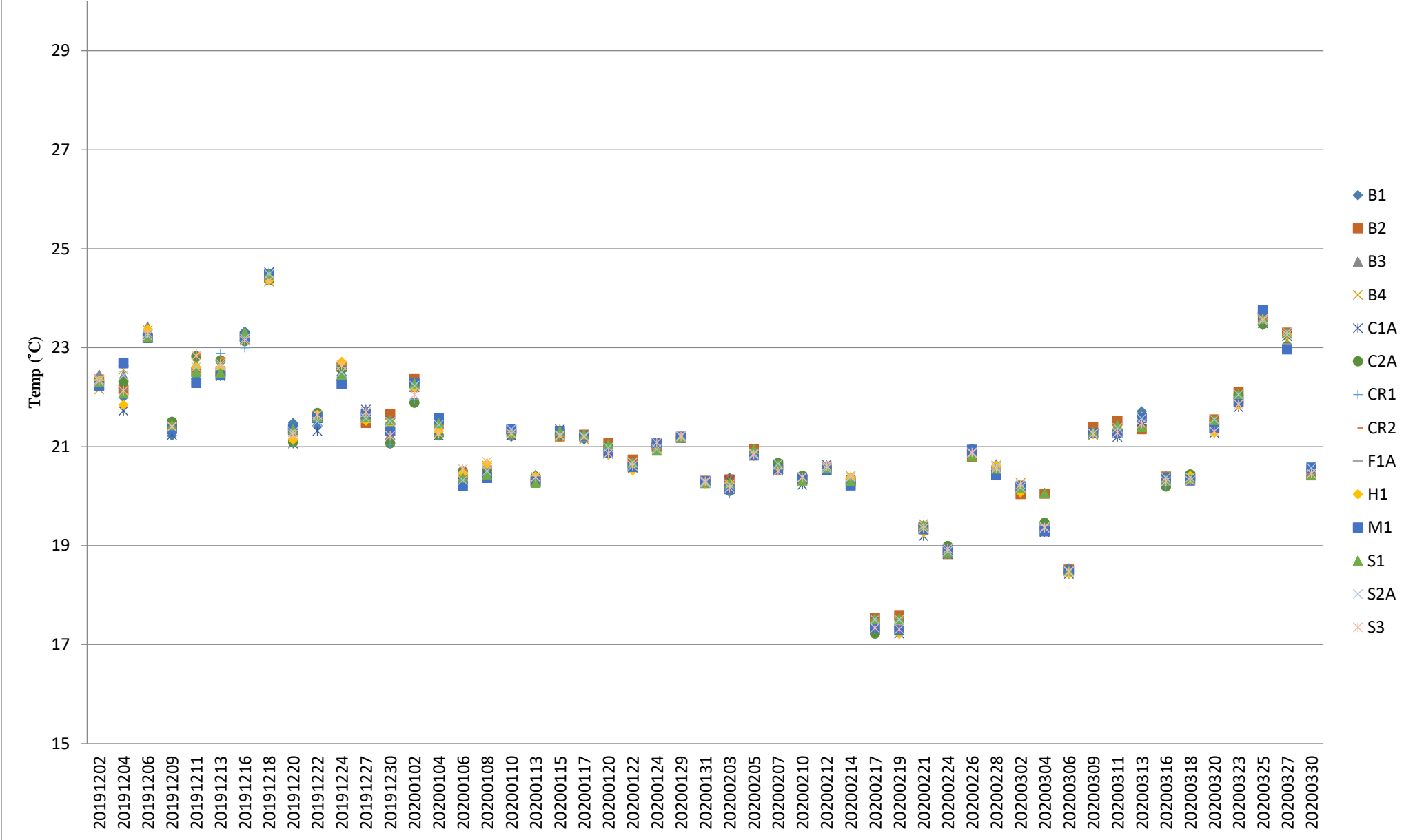
Note: The Action and Limit Level of suspended solids can be referred to **Table 2.7** of the monthly EM&A report.

## Temperature (Depth-averaged) during MID-FLOOD



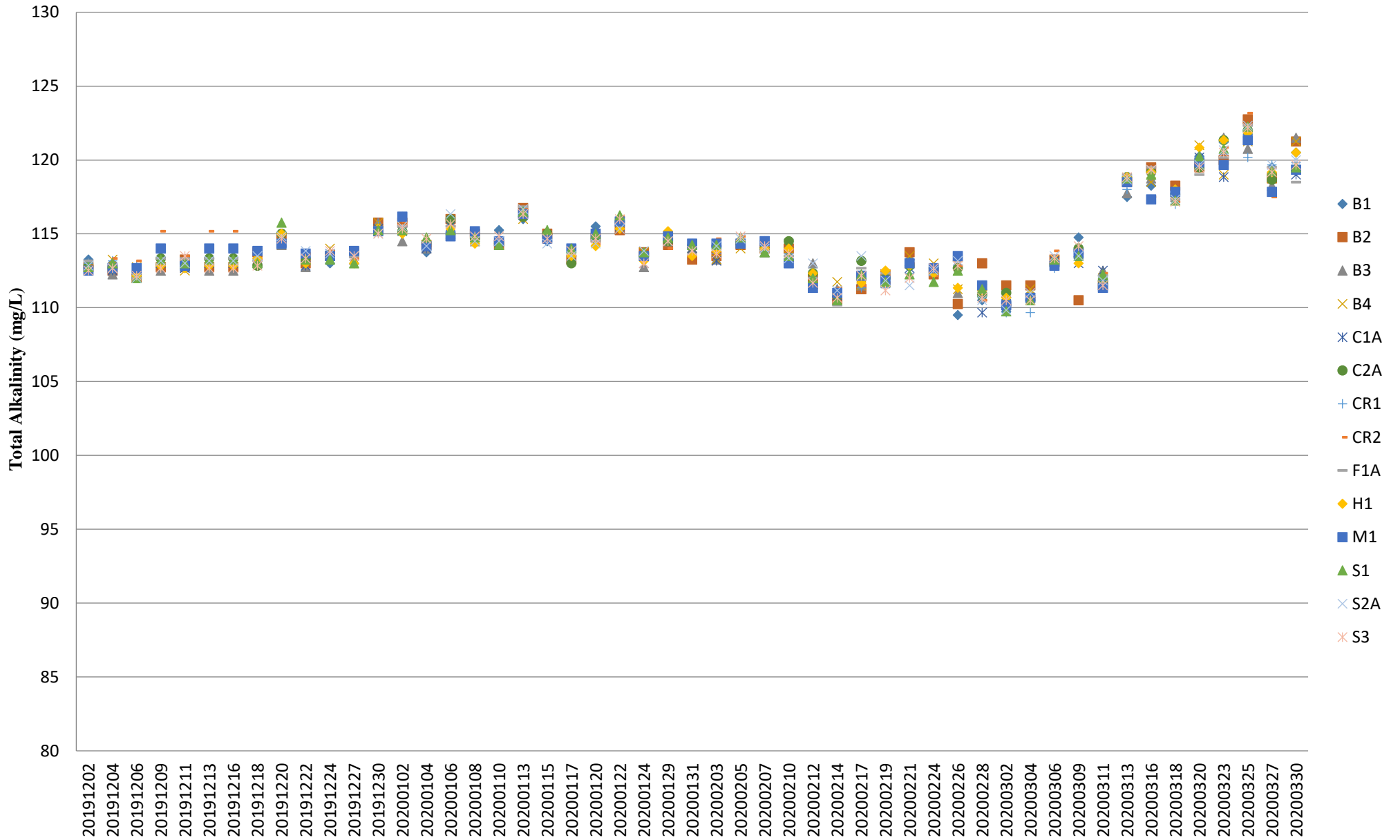
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM&A report.

# Temperature (Depth-averaged) during MID-EBB



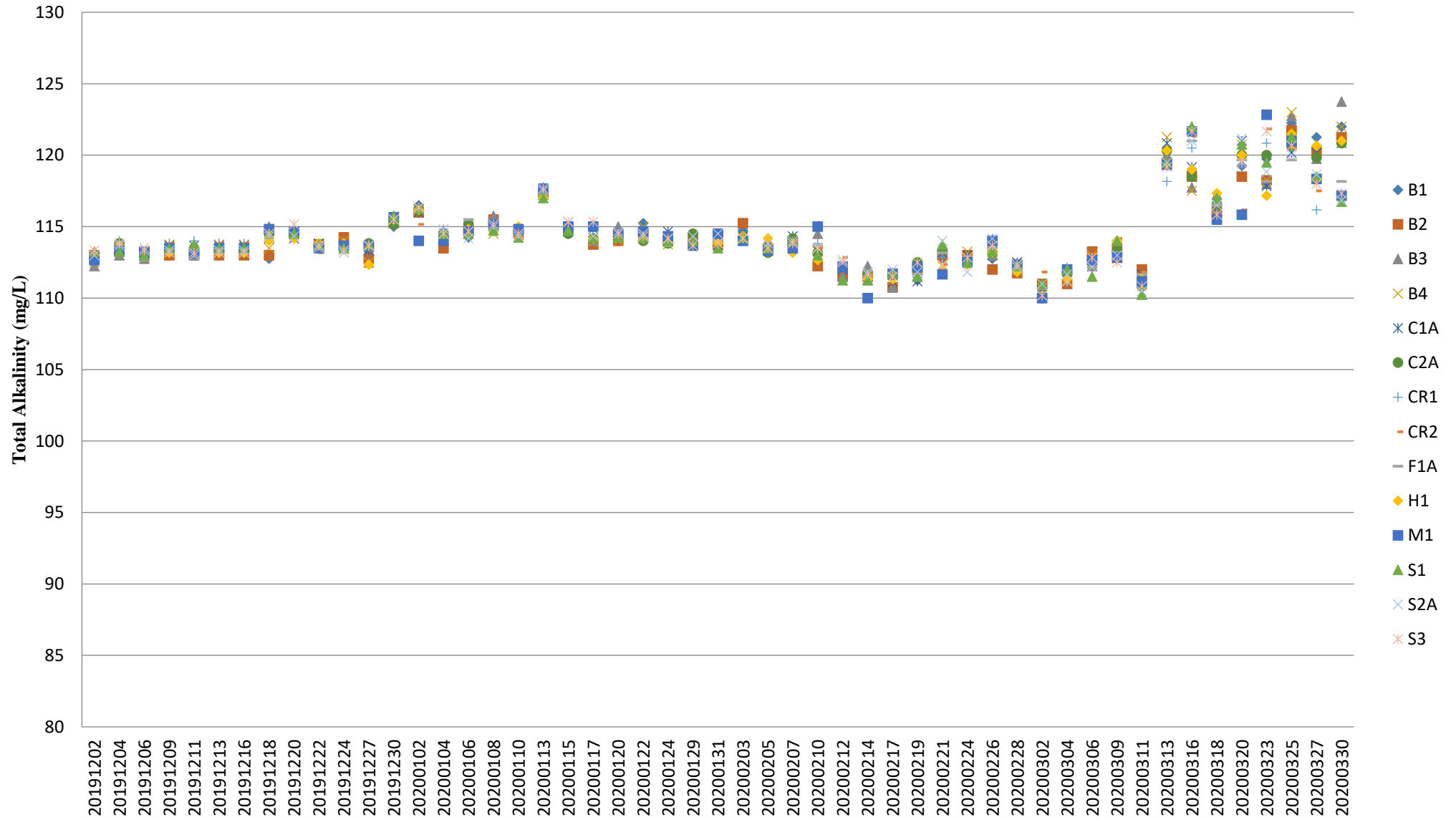
Note: The Action and Limit Level of temperature can be referred to **Table 2.7** of the monthly EM&A report.

## Total Alkalinity (Depth-averaged) during MID-FLOOD



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