Appendix I
Water Quality Monitoring Results

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Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (?)	Turbidty (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20220204	Cloudy	Moderate	Mid-Ebb	Surface	1	13:17	8.51	8.24	33.58	19.79	9.36	4	0.301	SE	/
C1	20220204	Cloudy	Moderate	Mid-Ebb	Surface	1	13:17	8.53	8.19	33.57	19.83	10.20	5	0.263	SE	/
C1	20220204	Cloudy	Moderate	Mid-Ebb	Middle	9.6	13:16	8.77	8.25	33.45	19.69	11.20	13	0.266	SE	/
C1	20220204	Cloudy	Moderate	Mid-Ebb	Middle	9.6	13:16	8.66	8.17	33.43	19.76	9.97	12	0.278	E	/
C1	20220204	Cloudy	Moderate	Mid-Ebb	Bottom	18.2	13:15	8.75	8.18	33.58	19.74	13.10	4	0.301	SE	/
C1	20220204	Cloudy	Moderate	Mid-Ebb	Bottom	18.2	13:15	8.70	8.18	33.46	19.80	12.80	4	0.285	E	/
C2	20220204	Cloudy	Moderate	Mid-Ebb	Surface	1	14:28	8.11	8.17	33.52	19.77	9.42	7	0.289	SE	/
C2	20220204	Cloudy	Moderate	Mid-Ebb	Surface	1	14:28	8.15	8.24	33.49	19.81	9.27	8	0.279	SE	/
C2	20220204	Cloudy	Moderate	Mid-Ebb	Middle	12.8	14:27	8.17	8.19	33.62	19.86	9.53	7	0.289	SE	/
C2	20220204	Cloudy	Moderate	Mid-Ebb	Middle	12.8	14:27	8.08	8.19	33.44	19.82	9.32	7	0.296	SE	/
C2	20220204	Cloudy	Moderate	Mid-Ebb	Bottom	24.6	14:26	8.09	8.15	33.55	19.76	9.59	8	0.292	SE	/
C2	20220204	Cloudy	Moderate	Mid-Ebb	Bottom	24.6	14:26	8.22	8.21	33.63	19.82	9.59	11	0.283	SE	/
M1	20220204	Cloudy	Moderate	Mid-Ebb	Surface	1	13:54	8.35	8.22	33.82	19.56	8.79	6	0.289	SE	/
M1	20220204	Cloudy	Moderate	Mid-Ebb	Surface	1	13:54	8.35	8.16	33.92	19.55	8.72	4	0.281	SE	/
M1	20220204	Cloudy	Moderate	Mid-Ebb	Middle	3.2	13:53	8.37	8.17	33.94	19.49	8.80	3	0.294	SE	/
M1	20220204	Cloudy	Moderate	Mid-Ebb	Middle	3.2	13:53	8.46	8.23	33.74	19.66	8.63	3	0.293	SE	/
M1	20220204	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	13:52	8.54	8.18	33.74	19.49	8.70	3	0.278	SE	/
M1	20220204	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	13:52	8.35	8.16	33.74	19.54	8.87	3	0.300	SE	/
M2	20220204	Cloudy	Moderate	Mid-Ebb	Surface	1	13:35	8.46	8.22	33.69	19.79	7.44	4	0.280	SE	/
M2	20220204	Cloudy	Moderate	Mid-Ebb	Surface	1	13:35	8.35	8.22	33.57	19.68	7.47	4	0.263	SE	/
M2	20220204	Cloudy	Moderate	Mid-Ebb	Middle	6.45	13:34	8.47	8.18	33.55	19.71	7.38	6	0.287	SE	/
M2	20220204	Cloudy	Moderate	Mid-Ebb	Middle	6.45	13:34	8.43	8.21	33.63	19.75	7.17	5	0.292	SE	/
M2	20220204	Cloudy	Moderate	Mid-Ebb	Bottom	11.9	13:33	8.74	8.26	33.61	19.69	7.03	5	0.282	E	/
M2	20220204	Cloudy	Moderate	Mid-Ebb	Bottom	11.9	13:33	8.40	8.19	33.75	19.80	7.37	5	0.298	E	/
M3	20220204	Cloudy	Moderate	Mid-Ebb	Surface	1	14:12	8.39	8.15	33.51	19.89	7.36	4	0.301	SE	/
M3	20220204	Cloudy	Moderate	Mid-Ebb	Surface	1	14:12	8.52	8.13	33.60	19.81	7.10	3	0.301	SE	/
M3	20220204	Cloudy	Moderate	Mid-Ebb	Middle	3.3	14:11	8.56	8.18	33.45	19.86	7.26	4	0.289	E	/
M3	20220204	Cloudy	Moderate	Mid-Ebb	Middle	3.3	14:11	8.41	8.12	33.49	19.82	7.18	3	0.283	E	/
M3	20220204	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	14:10	8.37	8.13	33.61	19.78	7.39	2.5	0.301	SE	/
M3	20220204	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	14:10	8.57	8.18	33.50	19.91	7.52	3	0.281	E	/
M4	20220204	Cloudy	Moderate	Mid-Ebb	Surface	1	14:50	8.13	8.20	33.51	19.66	7.42	3	0.295	SE	/
M4	20220204	Cloudy	Moderate	Mid-Ebb	Surface	1	14:50	8.15	8.18	33.47	19.62	7.17	2.5	0.281	E	/
M4	20220204	Cloudy	Moderate	Mid-Ebb	Bottom	3.6	14:49	7.98	8.25	33.66	19.75	7.29	4	0.299	SE	/
M4	20220204	Cloudy	Moderate	Mid-Ebb	Bottom	3.6	14:49	7.99	8.21	33.55	19.65	7.03	3	0.286	SE	/
C1	20220208	Cloudy	Moderate	Mid-Ebb	Surface	1	15:49	9.06	8.15	34.23	19.34	7.13	16	0.285	E	/
C1	20220208	Cloudy	Moderate	Mid-Ebb	Surface	1	15:49	9.08	8.18	34.21	19.30	7.10	14	0.267	E	/
C1	20220208	Cloudy	Moderate	Mid-Ebb	Middle	10.05	15:48	9.07	8.14	34.30	19.24	7.22	4	0.301	SE	/
C1	20220208	Cloudy	Moderate	Mid-Ebb	Middle	10.05	15:48	9.11	8.22	34.31	19.29	6.94	4	0.271	E	/
C1	20220208	Cloudy	Moderate	Mid-Ebb	Bottom	19.1	15:47	9.05	8.22	34.23	19.19	7.31	3	0.274	E	/
C1	20220208	Cloudy	Moderate	Mid-Ebb	Bottom	19.1	15:47	9.08	8.17	34.24	19.35	7.03	5	0.283	SE	/
C2	20220208	Cloudy	Moderate	Mid-Ebb	Surface	1	17:04	9.52	8.30	33.42	19.29	5.61	6	0.266	E	/
C2	20220208	Cloudy	Moderate	Mid-Ebb	Surface	1	17:04	9.46	8.35	33.38	19.22	5.41	8	0.298	SE	/
C2	20220208	Cloudy	Moderate	Mid-Ebb	Middle	11.5	17:03	9.50	8.32	33.37	19.24	5.52	3	0.267	SE	/
C2	20220208	Cloudy	Moderate	Mid-Ebb	Middle	11.5	17:03	9.43	8.31	33.42	19.29	5.61	3	0.294	SE	/
C2	20220208	Cloudy	Moderate	Mid-Ebb	Bottom	22	17:02	9.54	8.36	33.37	19.16	5.42	7	0.301	SE	/
C2	20220208	Cloudy	Moderate	Mid-Ebb	Bottom	22	17:02	9.43	8.36	33.37	19.15	5.69	7	0.281	E	/
M1	20220208	Cloudy	Moderate	Mid-Ebb	Surface	1	16:26	8.49	8.39	34.30	19.32	5.80	7	0.274	E	/
M1	20220208	Cloudy	Moderate	Mid-Ebb	Surface	1	16:26	8.42	8.34	34.33	19.45	5.90	5	0.268	E	/
M1	20220208	Cloudy	Moderate	Mid-Ebb	Middle	3.2	16:25	8.42	8.39	34.27	19.35	5.71	5	0.298	E	/
M1	20220208	Cloudy	Moderate	Mid-Ebb	Middle	3.2	16:25	8.41	8.39	34.30	19.34	5.87	3	0.292	SE	/
M1	20220208	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	16:24	8.41	8.35	34.39	19.27	5.68	4	0.274	SE	/
M1	20220208	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	16:24	8.40	8.32	34.42	19.43	5.61	4	0.287	E	/
M2	20220208	Cloudy	Moderate	Mid-Ebb	Surface	1	16:05	9.28	8.21	34.02	19.18	5.63	8	0.274	SE	/
M2	20220208	Cloudy	Moderate	Mid-Ebb	Surface	1	16:05	9.21	8.20	34.03	19.23	5.82	7	0.279	E	/
M2	20220208	Cloudy	Moderate	Mid-Ebb	Middle	6.05	16:04	9.31	8.21	34.07	19.27	5.94	12	0.281	SE	/
M2	20220208	Cloudy	Moderate	Mid-Ebb	Middle	6.05	16:04	9.21	8.23	34.04	19.22	6.09	11	0.271	SE	/
M2	20220208	Cloudy	Moderate	Mid-Ebb	Bottom	11.1	16:03	9.22	8.25	34.00	19.26	5.85	5	0.299	E	/
M2	20220208	Cloudy	Moderate	Mid-Ebb	Bottom	11.1	16:03	9.28	8.20	34.12	19.30	5.92	4	0.272	SE	/
M3	20220208	Cloudy	Moderate	Mid-Ebb	Surface	1	16:45	9.41	8.24	33.45	19.26	6.68	8	0.297	E	/
M3	20220208	Cloudy	Moderate	Mid-Ebb	Surface	1	16:45	9.39	8.29	33.54	19.42	6.92	9	0.295	E	/
M3	20220208	Cloudy	Moderate	Mid-Ebb	Middle	3.3	16:44	9.31	8.26	33.45	19.28	6.88	4	0.272	E	/
M3	20220208	Cloudy	Moderate	Mid-Ebb	Middle	3.3	16:44	9.34	8.29	33.55	19.42	6.92	4	0.273	SE	/
M3	20220208	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	16:43	9.32	8.30	33.55	19.29	6.78	5	0.299	E	/
M3	20220208	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	16:43	9.40	8.29	33.58	19.37	6.91	6	0.273	SE	/
M4	20220208	Cloudy	Moderate	Mid-Ebb	Surface	1	17:26	9.39	8.20	33.35	19.37	6.04	7	0.278	SE	/
M4	20220208	Cloudy	Moderate	Mid-Ebb	Surface	1	17:26	9.29	8.18	33.37	19.36	6.17	8	0.297	E	/
M4	20220208	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	17:25	9.37	8.17	33.36	19.34	6.05	4	0.284	E	/
M4	20220208	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	17:25	9.40	8.17	33.37	19.30	6.10	4	0.265	SE	/
C1	20220210	Cloudy	Moderate	Mid-Ebb	Surface	1	17:22	8.14	8.38	32.79	17.19	6.65	2.5	0.266	SE	/
C1	20220210	Cloudy	Moderate	Mid-Ebb	Surface	1	17:22	8.19	8.39	32.79	17.24	6.76	2.5	0.288	SE	/
C1	20220210	Cloudy	Moderate	Mid-Ebb	Middle	10.75	17:21	8.20	8.38	32.73	17.28	6.52	2.5	0.295	SE	/
C1	20220210	Cloudy	Moderate	Mid-Ebb	Middle	10.75	17:21	8.15	8.36	32.85	17.18	6.48	2.5	0.279	SE	/
C1	20220210	Cloudy	Moderate	Mid-Ebb	Bottom	20.5	17:20	8.02	8.38	32.84	17.24	6.99	6	0.269	SE	/
C1	20220210	Cloudy	Moderate	Mid-Ebb	Bottom	20.5	17:20	8.02	8.35	32.74	17.31	7.05	6	0.276	SE	/
C2	20220210	Cloudy	Moderate	Mid-Ebb	Surface	1	18:25	8.64	8.16	32.26	17.27	4.63	4	0.296	SE	/
C2	20220210	Cloudy	Moderate	Mid-Ebb	Surface	1	18:25	8.71	8.21	32.16	17.33	4.78	2.5	0.289	SE	/
C2	20220210	Cloudy	Moderate	Mid-Ebb	Middle	12.45	18:24	8.61	8.23	32.22	17.36	4.88	3	0.287	SE	/
C2	20220210	Cloudy	Moderate	Mid-Ebb	Middle	12.45	18:24	8.77	8.23	32.29	17.29	5.04	2.5	0.301	SE	/
C2	20220210	Cloudy	Moderate	Mid-Ebb	Bottom	23.9	18:23	8.62	8.18	32.20	17.26	5.96	3	0.294	SE	/
C2	20220210	Cloudy	Moderate	Mid-Ebb	Bottom	23.9	18:23	8.73	8.23	32.31	17.29	5.67	2.5	0.300	SE	/
M1	20220210	Cloudy	Moderate	Mid-Ebb	Surface	1	17:54	8.21	8.22	32.46	17.20	4.84	3	0.295	SE	/
M1	20220210	Cloudy	Moderate	Mid-Ebb	Surface	1	17:54	8.24	8.26	32.33	17.22	4.99	3	0.298	SE	/
M1	20220210	Cloudy	Moderate	Mid-Ebb	Middle	3.35	17:53	8.14	8.24	32.45	17.08	4.73	3	0.270	SE	/
M1	20220210	Cloudy	Moderate	Mid-Ebb	Middle	3.35	17:53	8.17	8.20	32.30	17.21	4.69	4	0.277	SE	/
M1	20220210	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	17:52	8.06	8.23	32.32	17.23	4.79	3	0.273	SE	/
M1	20220210	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	17:52	8.21	8.25	32.37	17.23	5.09	3	0.284	SE	/
M2	20220210	Cloudy	Moderate	Mid-Ebb	Surface	1	17:38	8.53	8.20	32.06	17.16	4.68	2.5	0.290	E	/
M2	20220210	Cloudy	Moderate	Mid-Ebb	Surface	1	17:38	8.48	8.24	32.09	17.18	4.60	3	0.300	SE	/
M2	20220210	Cloudy	Moderate	Mid-Ebb	Middle	6.55	17:37	8.54	8.21	32.04	17.07	4.68	4	0.268	SE	/
M2	20220210	Cloudy	Moderate	Mid-Ebb	Middle	6.55	17:37	8.42	8.25	32.12	17.11	4.64	3	0.290	SE	/
M2	20220210	Cloudy	Moderate	Mid-Ebb	Bottom	12.1	17:36	8.44	8.26	32.19	17.11	4.68	3	0.275	E	/
M2	20220210	Cloudy	Moderate	Mid-Ebb	Bottom	12.1	17:36	8.39	8.20	32.07	17.09	4.63	2.5	0.294	E	/
M3	20220210	Cloudy	Moderate	Mid-Ebb	Surface	1	18:10	8.52	8.16	33.45	17.25	4.19	3	0.274	SE	/
M3	20220210	Cloudy	Moderate	Mid-Ebb	Surface	1	18:10	8.44	8.15	33.49	17.20	4.12	3	0.267	E	/
M3	20220210	Cloudy	Moderate	Mid-Ebb	Middle	3.35	18:09	8.40	8.17	33.38	17.12	4.12	4	0.278	SE	/
M3	20220210	Cloudy	Moderate	Mid-Ebb	Middle	3.35	18:09	8.49	8.17	33.50	17.25	4.13	2.5	0.287	SE	/
M3	20220210	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	18:08	8.44	8.20	33.50	17.17	4.38	9	0.294	SE	/
M3	20220210	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	18:08	8.43	8.17	33.53	17.15	4.25	9	0.292	SE	/
M4	20220210	Cloudy	Moderate	Mid-Ebb	Surface	1	18:43	8.09	8.14	32.16	17.41	4.10	5	0.300	SE	/
M4	20220210	Cloudy	Moderate	Mid-Ebb	Surface	1	18:43	8.06	8.14	32.07	17.26	4.27	4	0.283	E	/
M4	20220210	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	18:42	8.02	8.18	32.17	17.36	4.29	5	0.275	E	/
M4	20220210	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	18:42	8.06	8.14	32.05	17.29	4.08	7	0.277	SE	/

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (?)	Turbidty (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20220212	Cloudy	Moderate	Mid-Ebb	Surface	1	18:19	8.61	8.28	32.89	18.51	6.73	2.5	0.297	E	/
C1	20220212	Cloudy	Moderate	Mid-Ebb	Surface	1	18:19	8.52	8.33	32.89	18.46	6.55	2.5	0.295	E	/
C1	20220212	Cloudy	Moderate	Mid-Ebb	Middle	9.55	18:18	8.58	8.29	32.88	18.52	6.99	3	0.290	E	/
C1	20220212	Cloudy	Moderate	Mid-Ebb	Middle	9.55	18:18	8.57	8.32	32.87	18.52	6.73	3	0.278	E	/
C1	20220212	Cloudy	Moderate	Mid-Ebb	Bottom	18.1	18:17	8.52	8.28	32.85	18.37	7.33	5	0.295	E	/
C1	20220212	Cloudy	Moderate	Mid-Ebb	Bottom	18.1	18:17	8.63	8.31	32.98	18.41	7.12	6	0.286	SE	/
C2	20220212	Cloudy	Moderate	Mid-Ebb	Surface	1	19:08	8.46	8.28	33.22	18.37	5.88	2.5	0.278	E	/
C2	20220212	Cloudy	Moderate	Mid-Ebb	Surface	1	19:08	8.46	8.33	33.27	18.43	5.87	2.5	0.286	E	/
C2	20220212	Cloudy	Moderate	Mid-Ebb	Middle	10.85	19:07	8.53	8.29	33.18	18.40	5.86	8	0.264	E	/
C2	20220212	Cloudy	Moderate	Mid-Ebb	Middle	10.85	19:07	8.61	8.29	33.36	18.43	5.98	9	0.267	SE	/
C2	20220212	Cloudy	Moderate	Mid-Ebb	Bottom	20.7	19:06	8.60	8.28	33.19	18.53	6.46	4	0.284	SE	/
C2	20220212	Cloudy	Moderate	Mid-Ebb	Bottom	20.7	19:06	8.58	8.28	33.26	18.38	6.17	4	0.275	SE	/
M1	20220212	Cloudy	Moderate	Mid-Ebb	Surface	1	18:44	9.26	8.30	32.93	18.71	4.90	3	0.287	SE	/
M1	20220212	Cloudy	Moderate	Mid-Ebb	Surface	1	18:44	9.35	8.28	32.83	18.62	4.65	3	0.289	E	/
M1	20220212	Cloudy	Moderate	Mid-Ebb	Middle	3.4	18:43	9.26	8.26	32.94	18.64	4.63	2.5	0.274	E	/
M1	20220212	Cloudy	Moderate	Mid-Ebb	Middle	3.4	18:43	9.31	8.25	32.91	18.67	4.81	2.5	0.266	SE	/
M1	20220212	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	18:42	9.31	8.30	32.88	18.61	4.64	3	0.278	SE	/
M1	20220212	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	18:42	9.18	8.28	32.91	18.70	4.69	3	0.279	SE	/
M2	20220212	Cloudy	Moderate	Mid-Ebb	Surface	1	18:33	9.23	8.18	32.69	18.35	6.17	2.5	0.277	SE	/
M2	20220212	Cloudy	Moderate	Mid-Ebb	Surface	1	18:33	9.21	8.16	32.71	18.43	6.29	2.5	0.294	E	/
M2	20220212	Cloudy	Moderate	Mid-Ebb	Middle	6.85	18:32	9.22	8.19	32.77	18.37	6.13	5	0.287	E	/
M2	20220212	Cloudy	Moderate	Mid-Ebb	Middle	6.85	18:32	9.22	8.19	32.70	18.53	5.88	8	0.301	E	/
M2	20220212	Cloudy	Moderate	Mid-Ebb	Bottom	12.7	18:31	9.15	8.21	32.78	18.52	6.05	3	0.285	SE	/
M2	20220212	Cloudy	Moderate	Mid-Ebb	Bottom	12.7	18:31	9.15	8.18	32.74	18.34	6.10	2.5	0.283	E	/
M3	20220212	Cloudy	Moderate	Mid-Ebb	Surface	1	18:55	9.34	8.20	32.81	18.46	4.77	4	0.274	SE	/
M3	20220212	Cloudy	Moderate	Mid-Ebb	Surface	1	18:55	9.38	8.22	32.76	18.49	5.00	4	0.266	E	/
M3	20220212	Cloudy	Moderate	Mid-Ebb	Middle	3.3	18:54	9.27	8.24	32.72	18.39	4.69	3	0.274	E	/
M3	20220212	Cloudy	Moderate	Mid-Ebb	Middle	3.3	18:54	9.28	8.24	32.72	18.56	4.82	2.5	0.267	SE	/
M3	20220212	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	18:53	9.22	8.18	32.71	18.44	4.68	2.5	0.283	SE	/
M3	20220212	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	18:53	9.28	8.20	32.66	18.40	4.97	2.5	0.286	SE	/
M4	20220212	Cloudy	Moderate	Mid-Ebb	Surface	1	19:29	8.75	8.42	32.75	18.54	4.46	3	0.273	E	/
M4	20220212	Cloudy	Moderate	Mid-Ebb	Surface	1	19:29	8.77	8.40	32.66	18.48	4.57	3	0.272	E	/
M4	20220212	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	19:28	8.68	8.38	32.77	18.49	4.26	2.5	0.264	SE	/
M4	20220212	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	19:28	8.70	8.41	32.78	18.47	4.12	3	0.274	SE	/
C1	20220215	Cloudy	Moderate	Mid-Ebb	Surface	1	10:11	8.62	8.43	32.39	18.76	8.96	22	0.293	E	/
C1	20220215	Cloudy	Moderate	Mid-Ebb	Surface	1	10:11	8.57	8.41	32.27	18.71	8.31	25	0.269	SE	/
C1	20220215	Cloudy	Moderate	Mid-Ebb	Middle	11.55	10:10	8.65	8.39	32.27	18.83	8.15	21	0.283	SE	/
C1	20220215	Cloudy	Moderate	Mid-Ebb	Middle	11.55	10:10	8.55	8.41	32.37	18.71	8.90	20	0.276	SE	/
C1	20220215	Cloudy	Moderate	Mid-Ebb	Bottom	22.1	10:09	8.66	8.43	32.38	18.81	9.25	21	0.299	E	/
C1	20220215	Cloudy	Moderate	Mid-Ebb	Bottom	22.1	10:09	8.61	8.39	32.41	18.80	9.07	19	0.271	SE	/
C2	20220215	Cloudy	Moderate	Mid-Ebb	Surface	1	11:21	9.60	8.33	32.78	18.83	7.98	22	0.272	E	/
C2	20220215	Cloudy	Moderate	Mid-Ebb	Surface	1	11:21	9.54	8.39	32.63	18.87	8.08	19	0.267	E	/
C2	20220215	Cloudy	Moderate	Mid-Ebb	Middle	11.75	11:20	9.56	8.35	32.60	18.88	8.07	20	0.291	SE	/
C2	20220215	Cloudy	Moderate	Mid-Ebb	Middle	11.75	11:20	9.59	8.33	32.59	18.81	7.76	27	0.276	SE	/
C2	20220215	Cloudy	Moderate	Mid-Ebb	Bottom	22.5	11:19	9.46	8.34	32.57	18.85	7.74	19	0.296	SE	/
C2	20220215	Cloudy	Moderate	Mid-Ebb	Bottom	22.5	11:19	9.46	8.36	32.61	18.90	7.75	19	0.266	SE	/
M1	20220215	Cloudy	Moderate	Mid-Ebb	Surface	1	10:44	8.73	8.31	32.28	18.86	5.99	20	0.298	SE	/
M1	20220215	Cloudy	Moderate	Mid-Ebb	Surface	1	10:44	8.82	8.30	32.28	18.82	6.09	25	0.294	SE	/
M1	20220215	Cloudy	Moderate	Mid-Ebb	Middle	3.3	10:43	8.81	8.25	32.27	18.83	6.33	6	0.273	E	/
M1	20220215	Cloudy	Moderate	Mid-Ebb	Middle	3.3	10:43	8.78	8.28	32.40	18.88	6.23	7	0.294	E	/
M1	20220215	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	10:42	8.79	8.31	32.48	18.90	6.26	2.5	0.277	E	/
M1	20220215	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	10:42	8.76	8.24	32.36	18.85	6.23	2.5	0.279	E	/
M2	20220215	Cloudy	Moderate	Mid-Ebb	Surface	1	10:25	8.98	8.20	32.65	18.71	7.71	7	0.299	SE	/
M2	20220215	Cloudy	Moderate	Mid-Ebb	Surface	1	10:25	9.04	8.21	32.73	18.71	7.98	6	0.277	E	/
M2	20220215	Cloudy	Moderate	Mid-Ebb	Middle	7	10:24	8.95	8.21	32.70	18.65	8.07	6	0.295	SE	/
M2	20220215	Cloudy	Moderate	Mid-Ebb	Middle	7	10:24	8.96	8.21	32.65	18.70	7.88	8	0.301	SE	/
M2	20220215	Cloudy	Moderate	Mid-Ebb	Bottom	13	10:23	8.97	8.16	32.64	18.63	7.99	4	0.286	E	/
M2	20220215	Cloudy	Moderate	Mid-Ebb	Bottom	13	10:23	9.02	8.19	32.67	18.67	8.03	4	0.297	SE	/
M3	20220215	Cloudy	Moderate	Mid-Ebb	Surface	1	11:03	8.78	8.32	32.70	18.71	5.87	9	0.287	SE	/
M3	20220215	Cloudy	Moderate	Mid-Ebb	Surface	1	11:03	8.81	8.33	32.86	18.62	6.04	8	0.275	E	/
M3	20220215	Cloudy	Moderate	Mid-Ebb	Middle	3.85	11:02	8.73	8.36	32.86	18.71	6.12	7	0.270	SE	/
M3	20220215	Cloudy	Moderate	Mid-Ebb	Middle	3.85	11:02	8.79	8.35	32.80	18.68	5.97	6	0.297	SE	/
M3	20220215	Cloudy	Moderate	Mid-Ebb	Bottom	6.7	11:01	8.74	8.35	32.80	18.60	6.16	7	0.292	E	/
M3	20220215	Cloudy	Moderate	Mid-Ebb	Bottom	6.7	11:01	8.75	8.32	32.86	18.61	6.17	7	0.297	SE	/
M4	20220215	Cloudy	Moderate	Mid-Ebb	Surface	1	11:44	8.52	8.42	33.57	18.81	6.60	7	0.281	SE	/
M4	20220215	Cloudy	Moderate	Mid-Ebb	Surface	1	11:44	8.41	8.36	33.59	18.85	6.65	8	0.289	E	/
M4	20220215	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	11:43	8.48	8.40	33.52	18.81	6.31	7	0.297	SE	/
M4	20220215	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	11:43	8.49	8.43	33.66	18.86	6.48	5	0.292	E	/
C1	20220217	Cloudy	Moderate	Mid-Ebb	Surface	1	11:13	9.68	8.35	33.54	18.90	7.16	3	0.270	SE	/
C1	20220217	Cloudy	Moderate	Mid-Ebb	Surface	1	11:13	9.65	8.35	33.62	18.81	6.88	3	0.280	E	/
C1	20220217	Cloudy	Moderate	Mid-Ebb	Middle	10.9	11:12	9.67	8.42	33.59	18.86	7.51	3	0.298	SE	/
C1	20220217	Cloudy	Moderate	Mid-Ebb	Middle	10.9	11:12	9.73	8.41	33.61	18.80	7.06	3	0.278	E	/
C1	20220217	Cloudy	Moderate	Mid-Ebb	Bottom	20.8	11:11	9.66	8.42	33.54	18.89	7.82	3	0.298	SE	/
C1	20220217	Cloudy	Moderate	Mid-Ebb	Bottom	20.8	11:11	9.65	8.36	33.62	18.86	7.97	5	0.292	SE	/
C2	20220217	Cloudy	Moderate	Mid-Ebb	Surface	1	12:18	9.08	8.18	32.56	18.84	7.85	5	0.280	SE	/
C2	20220217	Cloudy	Moderate	Mid-Ebb	Surface	1	12:18	9.20	8.18	32.67	18.76	8.20	4	0.274	SE	/
C2	20220217	Cloudy	Moderate	Mid-Ebb	Middle	11.05	12:17	9.10	8.22	32.61	18.82	8.87	4	0.277	SE	/
C2	20220217	Cloudy	Moderate	Mid-Ebb	Middle	11.05	12:17	9.20	8.18	32.64	18.88	8.30	4	0.274	E	/
C2	20220217	Cloudy	Moderate	Mid-Ebb	Bottom	21.1	12:16	9.20	8.19	32.55	18.83	9.00	2.5	0.274	SE	/
C2	20220217	Cloudy	Moderate	Mid-Ebb	Bottom	21.1	12:16	9.18	8.17	32.64	18.85	8.17	3	0.297	SE	/
M1	20220217	Cloudy	Moderate	Mid-Ebb	Surface	1	11:45	9.42	8.19	33.18	18.96	7.07	3	0.284	SE	/
M1	20220217	Cloudy	Moderate	Mid-Ebb	Surface	1	11:45	9.46	8.25	33.20	18.86	7.06	5	0.267	SE	/
M1	20220217	Cloudy	Moderate	Mid-Ebb	Middle	3.3	11:44	9.42	8.25	33.24	18.88	7.20	3	0.287	SE	/
M1	20220217	Cloudy	Moderate	Mid-Ebb	Middle	3.3	11:44	9.43	8.23	33.13	18.93	7.28	3	0.279	SE	/
M1	20220217	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	11:43	9.55	8.26	33.17	18.91	7.04	4	0.292	E	/
M1	20220217	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	11:43	9.44	8.25	33.20	18.92	7.05	4	0.285	SE	/
M2	20220217	Cloudy	Moderate	Mid-Ebb	Surface	1	11:32	8.71	8.14	33.38	18.65	8.12	4	0.277	SE	/
M2	20220217	Cloudy	Moderate	Mid-Ebb	Surface	1	11:32	8.66	8.17	33.38	18.74	8.19	4	0.280	SE	/
M2	20220217	Cloudy	Moderate	Mid-Ebb	Middle	6.25	11:31	8.67	8.18	33.37	18.72	7.93	3	0.270	SE	/
M2	20220217	Cloudy	Moderate	Mid-Ebb	Middle	6.25	11:31	8.71	8.20	33.36	18.74	7.77	3	0.297	SE	/
M2	20220217	Cloudy	Moderate	Mid-Ebb	Bottom	11.5	11:30	8.74	8.18	33.29	18.66	8.20	4	0.295	E	/
M2	20220217	Cloudy	Moderate	Mid-Ebb	Bottom	11.5	11:30	8.61	8.18	33.36	18.70	7.86	4	0.274	E	/
M3	20220217	Cloudy	Moderate	Mid-Ebb	Surface	1	11:58	9.05	8.25	33.13	18.99	8.42	3	0.279	E	/
M3	20220217	Cloudy	Moderate	Mid-Ebb	Surface	1	11:58	9.10	8.22	33.19	19.03	8.32	4	0.287	SE	/
M3	20220217	Cloudy	Moderate	Mid-Ebb	Middle	4	11:57	9.12	8.24	33.14	18.98	8.13	3	0.268	E	/
M3	20220217	Cloudy	Moderate	Mid-Ebb	Middle	4	11:57	9.09	8.26	33.14	18.92	8.39	3	0.287	E	/
M3	20220217	Cloudy	Moderate	Mid-Ebb	Bottom	7	11:56	9.04	8.24	33.04	18.99	7.96	3	0.287	SE	/
M3	20220217	Cloudy	Moderate	Mid-Ebb	Bottom	7	11:56	9.05	8.20	33.18	18.95	8.31	4	0.291	E	/
M4	20220217	Cloudy	Moderate	Mid-Ebb	Surface	1	12:43	9.62	8.39	33.50	18.97	7.14	3	0.292	SE	/
M4	20220217	Cloudy	Moderate	Mid-Ebb	Surface	1	12:43	9.52	8.36	33.47	18.98	6.95	2.5	0.265	SE	/
M4	20220217	Cloudy	Moderate	Mid-Ebb	Bottom	3.6	12:42	9.49	8.40	33.60	19.04	7.26	4	0.281	E	/
M4	20220217	Cloudy	Moderate	Mid-Ebb	Bottom	3.6	12:42	9.64	8.41	33.46	18.94	7.19	4	0.273	SE	/

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (?)	Turbidty (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20220219	Cloudy	Modeate	Mid-Ebb	Surface	1	12:22	8.92	8.32	32.84	16.78	6.14	6	0.278	SE	/
C1	20220219	Cloudy	Modeate	Mid-Ebb	Surface	1	12:22	8.79	8.26	32.92	16.88	6.08	6	0.293	E	/
C1	20220219	Cloudy	Modeate	Mid-Ebb	Middle	11.15	12:21	8.89	8.33	32.98	16.85	6.28	8	0.277	SE	/
C1	20220219	Cloudy	Modeate	Mid-Ebb	Middle	11.15	12:21	8.77	8.26	32.93	16.91	6.30	6	0.299	E	/
C1	20220219	Cloudy	Modeate	Mid-Ebb	Bottom	21.3	12:20	8.94	8.30	32.95	16.93	7.09	4	0.277	SE	/
C1	20220219	Cloudy	Modeate	Mid-Ebb	Bottom	21.3	12:20	8.77	8.30	32.98	16.86	6.82	4	0.281	SE	/
C2	20220219	Cloudy	Modeate	Mid-Ebb	Surface	1	13:37	8.96	8.32	33.58	16.90	5.45	2.5	0.279	SE	/
C2	20220219	Cloudy	Modeate	Mid-Ebb	Surface	1	13:37	8.83	8.32	33.59	17.02	5.61	2.5	0.286	SE	/
C2	20220219	Cloudy	Modeate	Mid-Ebb	Middle	11.4	13:36	8.89	8.28	33.60	17.01	5.22	4	0.274	SE	/
C2	20220219	Cloudy	Modeate	Mid-Ebb	Middle	11.4	13:36	8.98	8.28	33.61	16.96	5.64	3	0.289	SE	/
C2	20220219	Cloudy	Modeate	Mid-Ebb	Bottom	21.8	13:35	8.92	8.31	33.68	16.84	5.41	5	0.301	SE	/
C2	20220219	Cloudy	Modeate	Mid-Ebb	Bottom	21.8	13:35	8.88	8.30	33.65	16.85	5.68	4	0.294	SE	/
M1	20220219	Cloudy	Modeate	Mid-Ebb	Surface	1	12:58	8.61	8.09	33.30	16.89	2.91	5	0.270	E	/
M1	20220219	Cloudy	Modeate	Mid-Ebb	Surface	1	12:58	8.73	8.09	33.30	16.95	2.98	4	0.284	E	/
M1	20220219	Cloudy	Modeate	Mid-Ebb	Middle	3.35	12:57	8.63	8.10	33.23	16.89	3.02	4	0.278	SE	/
M1	20220219	Cloudy	Modeate	Mid-Ebb	Middle	3.35	12:57	8.72	8.09	33.35	17.03	3.07	4	0.288	SE	/
M1	20220219	Cloudy	Modeate	Mid-Ebb	Bottom	5.7	12:56	8.62	8.04	33.24	16.92	2.67	3	0.294	SE	/
M1	20220219	Cloudy	Modeate	Mid-Ebb	Bottom	5.7	12:56	8.69	8.05	33.35	17.00	2.92	3	0.266	E	/
M2	20220219	Cloudy	Modeate	Mid-Ebb	Surface	1	12:43	9.49	8.08	33.16	16.82	4.85	5	0.265	SE	/
M2	20220219	Cloudy	Modeate	Mid-Ebb	Surface	1	12:43	9.49	8.10	33.09	16.82	5.16	4	0.263	E	/
M2	20220219	Cloudy	Modeate	Mid-Ebb	Middle	6.75	12:42	9.59	8.09	33.17	16.93	4.77	5	0.285	E	/
M2	20220219	Cloudy	Modeate	Mid-Ebb	Middle	6.75	12:42	9.54	8.11	33.16	16.85	4.86	4	0.301	E	/
M2	20220219	Cloudy	Modeate	Mid-Ebb	Bottom	12.5	12:41	9.55	8.13	33.11	16.91	4.76	3	0.278	E	/
M2	20220219	Cloudy	Modeate	Mid-Ebb	Bottom	12.5	12:41	9.65	8.12	33.18	16.95	4.94	4	0.287	SE	/
M3	20220219	Cloudy	Modeate	Mid-Ebb	Surface	1	13:13	8.41	8.07	34.22	16.90	3.40	3	0.286	E	/
M3	20220219	Cloudy	Modeate	Mid-Ebb	Surface	1	13:13	8.48	8.08	34.10	16.86	3.70	3	0.275	E	/
M3	20220219	Cloudy	Modeate	Mid-Ebb	Middle	3.75	13:12	8.47	8.11	34.09	16.82	3.37	4	0.270	SE	/
M3	20220219	Cloudy	Modeate	Mid-Ebb	Middle	3.75	13:12	8.39	8.12	34.09	16.83	3.44	4	0.289	SE	/
M3	20220219	Cloudy	Modeate	Mid-Ebb	Bottom	6.5	13:11	8.43	8.13	34.06	16.89	3.64	7	0.266	E	/
M3	20220219	Cloudy	Modeate	Mid-Ebb	Bottom	6.5	13:11	8.49	8.12	34.18	16.75	3.34	6	0.274	SE	/
M4	20220219	Cloudy	Modeate	Mid-Ebb	Surface	1	13:59	9.02	8.16	33.03	16.65	6.04	3	0.292	E	/
M4	20220219	Cloudy	Modeate	Mid-Ebb	Surface	1	13:59	9.06	8.19	32.98	16.61	5.70	2.5	0.291	SE	/
M4	20220219	Cloudy	Modeate	Mid-Ebb	Bottom	3.9	13:58	9.15	8.19	32.97	16.76	6.12	6	0.296	SE	/
M4	20220219	Cloudy	Modeate	Mid-Ebb	Bottom	3.9	13:58	9.13	8.21	33.05	16.74	6.08	7	0.280	E	/
C1	20220222	Cloudy	Moderate	Mid-Ebb	Surface	1	14:34	8.91	8.24	33.39	16.60	7.33	8	0.292	SE	/
C1	20220222	Cloudy	Moderate	Mid-Ebb	Surface	1	14:34	8.91	8.24	33.27	16.54	6.58	9	0.272	SE	/
C1	20220222	Cloudy	Moderate	Mid-Ebb	Middle	11.3	14:33	8.94	8.16	33.38	16.56	8.16	12	0.280	SE	/
C1	20220222	Cloudy	Moderate	Mid-Ebb	Middle	11.3	14:33	8.83	8.24	33.34	16.63	7.64	8	0.270	E	/
C1	20220222	Cloudy	Moderate	Mid-Ebb	Bottom	21.6	14:32	8.93	8.22	33.37	16.70	7.99	15	0.281	E	/
C1	20220222	Cloudy	Moderate	Mid-Ebb	Bottom	21.6	14:32	8.88	8.23	33.33	16.59	8.33	14	0.293	SE	/
C2	20220222	Cloudy	Moderate	Mid-Ebb	Surface	1	15:51	9.09	8.27	32.41	16.77	6.58	6	0.300	E	/
C2	20220222	Cloudy	Moderate	Mid-Ebb	Surface	1	15:51	9.15	8.28	32.33	16.93	6.56	8	0.278	E	/
C2	20220222	Cloudy	Moderate	Mid-Ebb	Middle	12.5	15:50	9.20	8.21	32.34	16.88	6.88	4	0.290	SE	/
C2	20220222	Cloudy	Moderate	Mid-Ebb	Middle	12.5	15:50	9.06	8.18	32.28	16.75	6.68	4	0.301	SE	/
C2	20220222	Cloudy	Moderate	Mid-Ebb	Bottom	24	15:49	9.20	8.28	32.30	16.93	7.16	7	0.272	E	/
C2	20220222	Cloudy	Moderate	Mid-Ebb	Bottom	24	15:49	9.14	8.21	32.40	16.84	7.54	11	0.296	SE	/
M1	20220222	Cloudy	Moderate	Mid-Ebb	Surface	1	15:13	9.77	8.27	33.62	16.78	5.85	6	0.275	SE	/
M1	20220222	Cloudy	Moderate	Mid-Ebb	Surface	1	15:13	9.79	8.18	33.63	16.81	5.86	8	0.289	SE	/
M1	20220222	Cloudy	Moderate	Mid-Ebb	Middle	3.3	15:12	9.79	8.20	33.72	16.73	5.97	9	0.280	SE	/
M1	20220222	Cloudy	Moderate	Mid-Ebb	Middle	3.3	15:12	9.88	8.27	33.65	16.65	5.99	7	0.283	E	/
M1	20220222	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	15:11	9.80	8.18	33.76	16.77	5.99	9	0.290	E	/
M1	20220222	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	15:11	9.84	8.26	33.64	16.69	5.83	7	0.281	SE	/
M2	20220222	Cloudy	Moderate	Mid-Ebb	Surface	1	14:53	9.77	8.35	33.44	16.95	6.43	4	0.265	SE	/
M2	20220222	Cloudy	Moderate	Mid-Ebb	Surface	1	14:53	9.75	8.32	33.46	16.83	6.32	5	0.280	SE	/
M2	20220222	Cloudy	Moderate	Mid-Ebb	Middle	6.3	14:52	9.77	8.32	33.43	16.80	6.47	9	0.280	E	/
M2	20220222	Cloudy	Moderate	Mid-Ebb	Middle	6.3	14:52	9.78	8.35	33.51	16.92	6.14	11	0.268	E	/
M2	20220222	Cloudy	Moderate	Mid-Ebb	Bottom	11.6	14:51	9.66	8.37	33.41	16.86	6.37	5	0.297	SE	/
M2	20220222	Cloudy	Moderate	Mid-Ebb	Bottom	11.6	14:51	9.75	8.27	33.53	16.96	6.21	4	0.275	SE	/
M3	20220222	Cloudy	Moderate	Mid-Ebb	Surface	1	15:30	8.72	8.32	33.19	16.81	5.68	9	0.273	E	/
M3	20220222	Cloudy	Moderate	Mid-Ebb	Surface	1	15:30	8.87	8.38	33.28	16.90	5.96	6	0.296	SE	/
M3	20220222	Cloudy	Moderate	Mid-Ebb	Middle	3.35	15:29	8.84	8.37	33.25	16.79	6.08	11	0.291	SE	/
M3	20220222	Cloudy	Moderate	Mid-Ebb	Middle	3.35	15:29	8.71	8.39	33.21	16.80	5.73	11	0.280	SE	/
M3	20220222	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	15:28	8.82	8.32	33.18	16.74	5.83	7	0.282	E	/
M3	20220222	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	15:28	8.70	8.36	33.29	16.81	5.75	8	0.293	E	/
M4	20220222	Cloudy	Moderate	Mid-Ebb	Surface	1	16:08	9.34	8.17	33.71	16.70	6.69	12	0.278	E	/
M4	20220222	Cloudy	Moderate	Mid-Ebb	Surface	1	16:08	9.33	8.16	33.66	16.72	6.67	11	0.273	E	/
M4	20220222	Cloudy	Moderate	Mid-Ebb	Bottom	3.3	16:07	9.31	8.15	33.73	16.64	6.85	11	0.299	E	/
M4	20220222	Cloudy	Moderate	Mid-Ebb	Bottom	3.3	16:07	9.33	8.12	33.59	16.72	6.98	11	0.288	SE	/
C1	20220224	Cloudy	Moderate	Mid-Ebb	Surface	1	15:29	9.28	8.16	32.63	16.41	6.32	12	0.291	E	/
C1	20220224	Cloudy	Moderate	Mid-Ebb	Surface	1	15:29	9.21	8.23	32.57	16.39	6.28	15	0.274	SE	/
C1	20220224	Cloudy	Moderate	Mid-Ebb	Middle	9.35	15:28	9.17	8.15	32.64	16.37	6.90	24	0.298	E	/
C1	20220224	Cloudy	Moderate	Mid-Ebb	Middle	9.35	15:28	9.10	8.21	32.56	16.57	6.58	21	0.275	E	/
C1	20220224	Cloudy	Moderate	Mid-Ebb	Bottom	17.7	15:27	9.13	8.18	32.53	16.46	7.22	22	0.263	SE	/
C1	20220224	Cloudy	Moderate	Mid-Ebb	Bottom	17.7	15:27	9.17	8.19	32.67	16.56	7.10	20	0.292	E	/
C2	20220224	Cloudy	Moderate	Mid-Ebb	Surface	1	16:38	9.23	8.24	33.47	16.45	5.34	4	0.271	SE	/
C2	20220224	Cloudy	Moderate	Mid-Ebb	Surface	1	16:38	9.21	8.24	33.54	16.56	5.12	4	0.283	SE	/
C2	20220224	Cloudy	Moderate	Mid-Ebb	Middle	11.7	16:37	9.34	8.20	33.45	16.53	5.77	4	0.274	SE	/
C2	20220224	Cloudy	Moderate	Mid-Ebb	Middle	11.7	16:37	9.21	8.25	33.56	16.42	5.62	6	0.300	E	/
C2	20220224	Cloudy	Moderate	Mid-Ebb	Bottom	22.4	16:36	9.26	8.29	33.54	16.58	6.63	3	0.293	SE	/
C2	20220224	Cloudy	Moderate	Mid-Ebb	Bottom	22.4	16:36	9.34	8.22	33.56	16.33	5.94	4	0.263	SE	/
M1	20220224	Cloudy	Moderate	Mid-Ebb	Surface	1	16:00	9.32	8.28	32.60	16.38	6.28	8	0.294	SE	/
M1	20220224	Cloudy	Moderate	Mid-Ebb	Surface	1	16:00	9.15	8.28	32.69	16.37	6.21	8	0.292	E	/
M1	20220224	Cloudy	Moderate	Mid-Ebb	Middle	3.35	15:59	9.21	8.28	32.62	16.50	6.12	6	0.292	SE	/
M1	20220224	Cloudy	Moderate	Mid-Ebb	Middle	3.35	15:59	9.32	8.25	32.60	16.44	6.29	5	0.275	E	/
M1	20220224	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	15:58	9.30	8.27	32.61	16.35	6.18	4	0.275	SE	/
M1	20220224	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	15:58	9.18	8.23	32.64	16.59	6.34	4	0.295	SE	/
M2	20220224	Cloudy	Moderate	Mid-Ebb	Surface	1	15:45	9.12	8.37	33.61	16.70	6.49	5	0.279	SE	/
M2	20220224	Cloudy	Moderate	Mid-Ebb	Surface	1	15:45	8.99	8.34	33.56	16.80	6.52	6	0.280	SE	/
M2	20220224	Cloudy	Moderate	Mid-Ebb	Middle	6.05	15:44	8.97	8.35	33.57	16.77	6.45	4	0.271	SE	/
M2	20220224	Cloudy	Moderate	Mid-Ebb	Middle	6.05	15:44	9.14	8.32	33.52	16.67	6.15	5	0.295	SE	/
M2	20220224	Cloudy	Moderate	Mid-Ebb	Bottom	11.1	15:43	8.95	8.36	33.67	16.68	6.58	13	0.289	SE	/
M2	20220224	Cloudy	Moderate	Mid-Ebb	Bottom	11.1	15:43	8.97	8.31	33.55	16.65	6.31	11	0.265	SE	/
M3	20220224	Cloudy	Moderate	Mid-Ebb	Surface	1	16:15	9.21	8.10	33.04	16.81	6.42	10	0.280	E	/
M3	20220224	Cloudy	Moderate	Mid-Ebb	Surface	1	16:15	9.06	8.07	32.96	16.82	6.43	11	0.272	SE	/
M3	20220224	Cloudy	Moderate	Mid-Ebb	Middle	3.65	16:14	9.21	8.15	33.06	16.61	6.50	9	0.269	E	/
M3	20220224	Cloudy	Moderate	Mid-Ebb	Middle	3.65	16:14	9.14	8.12	33.00	16.85	6.65	7	0.274	E	/
M3	20220224	Cloudy	Moderate	Mid-Ebb	Bottom	6.3	16:13	9.04	8.08	32.89	16.78	6.52	5	0.300	SE	/
M3	20220224	Cloudy	Moderate	Mid-Ebb	Bottom	6.3	16:13	9.05	8.07	33.06	16.60	6.36	7	0.282	SE	/
M4	20220224	Cloudy	Moderate	Mid-Ebb	Surface	1	16:55	9.07	8.34	32.93	16.73	5.81	4	0.285	E	/
M4	20220224	Cloudy	Moderate	Mid-Ebb	Surface	1	16:55	9.12	8.28	33.00	16.67	5.98	3	0.295	SE	/
M4	20220224	Cloudy	Moderate	Mid-Ebb	Bottom	4.7	16:54	9.11	8.28	32.99	16.82	6.11	6	0.266	SE	/
M4	20220224	Cloudy	Moderate	Mid-Ebb	Bottom	4.7	16:54	9.15	8.28	32.95	16.61	5.68	7	0.286	E	/

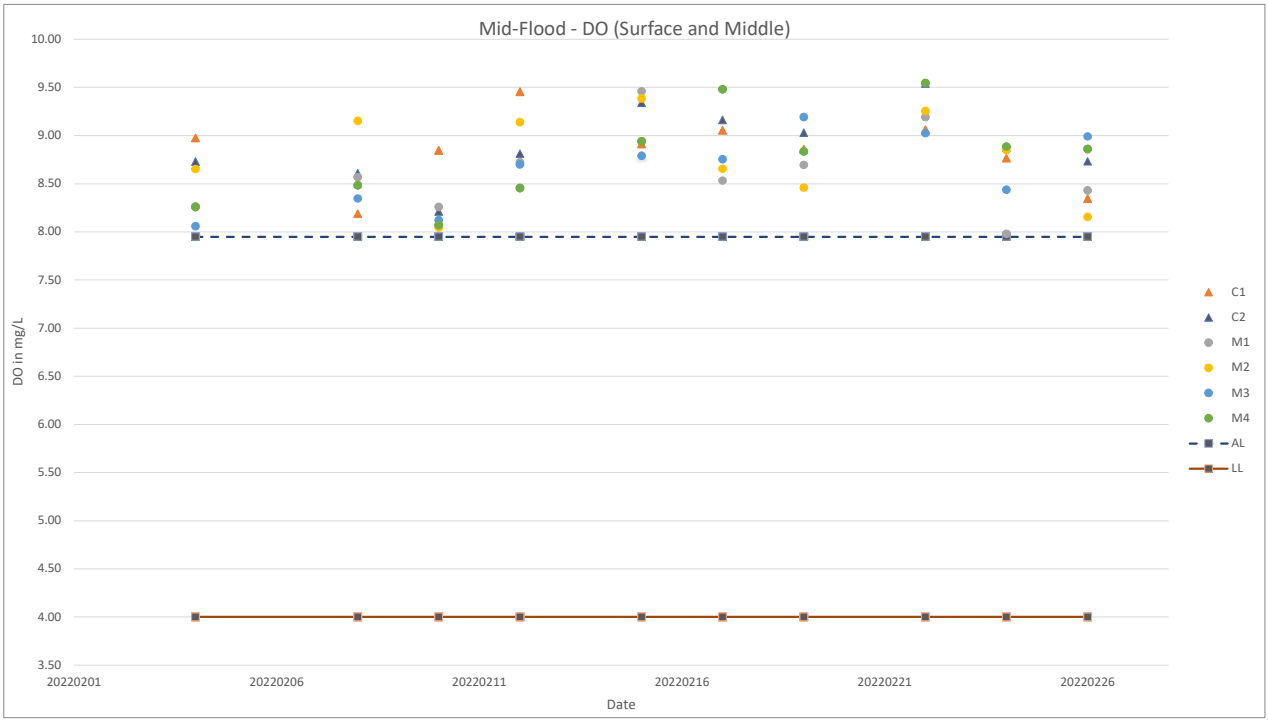
Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (?)	Turbidty (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20220226	Cloudy	Moderate	Mid-Ebb	Surface	1	17:34	8.28	8.39	33.00	15.84	3.19	4	0.264	E	/
C1	20220226	Cloudy	Moderate	Mid-Ebb	Surface	1	17:34	8.31	8.46	33.12	15.74	3.06	6	0.275	SE	/
C1	20220226	Cloudy	Moderate	Mid-Ebb	Middle	11.55	17:33	8.21	8.45	33.08	15.76	3.16	4	0.285	SE	/
C1	20220226	Cloudy	Moderate	Mid-Ebb	Middle	11.55	17:33	8.28	8.45	33.16	15.72	3.24	2.5	0.279	E	/
C1	20220226	Cloudy	Moderate	Mid-Ebb	Bottom	22.1	17:32	8.23	8.42	33.01	15.75	3.70	4	0.280	SE	/
C1	20220226	Cloudy	Moderate	Mid-Ebb	Bottom	22.1	17:32	8.29	8.43	33.09	15.90	3.76	4	0.285	E	/
C2	20220226	Cloudy	Moderate	Mid-Ebb	Surface	1	18:38	9.02	8.41	33.64	15.63	2.79	2.5	0.290	E	/
C2	20220226	Cloudy	Moderate	Mid-Ebb	Surface	1	18:38	9.03	8.40	33.62	15.61	2.88	3	0.272	SE	/
C2	20220226	Cloudy	Moderate	Mid-Ebb	Middle	10.85	18:37	9.04	8.41	33.64	15.53	2.93	5	0.273	SE	/
C2	20220226	Cloudy	Moderate	Mid-Ebb	Middle	10.85	18:37	8.95	8.48	33.66	15.51	2.68	3	0.284	SE	/
C2	20220226	Cloudy	Moderate	Mid-Ebb	Bottom	20.7	18:36	9.01	8.48	33.62	15.63	2.82	4	0.268	E	/
C2	20220226	Cloudy	Moderate	Mid-Ebb	Bottom	20.7	18:36	8.98	8.46	33.63	15.52	2.83	3	0.286	SE	/
M1	20220226	Cloudy	Moderate	Mid-Ebb	Surface	1	18:06	8.74	8.39	33.34	15.85	2.04	5	0.275	E	/
M1	20220226	Cloudy	Moderate	Mid-Ebb	Surface	1	18:06	8.72	8.41	33.46	15.73	2.26	4	0.299	SE	/
M1	20220226	Cloudy	Moderate	Mid-Ebb	Middle	3.7	18:05	8.63	8.45	33.52	15.86	1.94	4	0.268	SE	/
M1	20220226	Cloudy	Moderate	Mid-Ebb	Middle	3.7	18:05	8.65	8.38	33.43	15.84	2.00	4	0.290	SE	/
M1	20220226	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	18:04	8.63	8.44	33.34	15.70	1.89	4	0.274	E	/
M1	20220226	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	18:04	8.62	8.40	33.40	15.89	1.99	7	0.289	SE	/
M2	20220226	Cloudy	Moderate	Mid-Ebb	Surface	1	17:52	7.93	8.41	33.28	15.82	2.58	4	0.297	E	/
M2	20220226	Cloudy	Moderate	Mid-Ebb	Surface	1	17:52	7.97	8.40	33.25	15.92	2.33	4	0.281	SE	/
M2	20220226	Cloudy	Moderate	Mid-Ebb	Middle	6.45	17:51	8.05	8.38	33.38	15.92	2.31	4	0.280	E	/
M2	20220226	Cloudy	Moderate	Mid-Ebb	Middle	6.45	17:51	7.93	8.45	33.35	15.76	2.52	6	0.296	E	/
M2	20220226	Cloudy	Moderate	Mid-Ebb	Bottom	11.9	17:50	7.92	8.40	33.27	15.89	2.43	4	0.295	SE	/
M2	20220226	Cloudy	Moderate	Mid-Ebb	Bottom	11.9	17:50	8.02	8.40	33.24	15.75	2.45	4	0.271	SE	/
M3	20220226	Cloudy	Moderate	Mid-Ebb	Surface	1	18:21	8.73	8.45	32.95	15.64	3.04	5	0.296	SE	/
M3	20220226	Cloudy	Moderate	Mid-Ebb	Surface	1	18:21	8.71	8.47	32.80	15.84	2.70	5	0.265	SE	/
M3	20220226	Cloudy	Moderate	Mid-Ebb	Middle	3.4	18:20	8.72	8.41	32.92	15.83	2.95	3	0.299	SE	/
M3	20220226	Cloudy	Moderate	Mid-Ebb	Middle	3.4	18:20	8.70	8.40	32.85	15.80	2.75	4	0.272	E	/
M3	20220226	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	18:19	8.70	8.46	33.02	15.75	3.06	3	0.294	SE	/
M3	20220226	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	18:19	8.72	8.46	32.89	15.73	2.88	3	0.292	E	/
M4	20220226	Cloudy	Moderate	Mid-Ebb	Surface	1	18:53	8.18	8.45	33.77	15.49	1.87	5	0.268	SE	/
M4	20220226	Cloudy	Moderate	Mid-Ebb	Surface	1	18:53	8.11	8.40	33.86	15.64	2.05	3	0.276	E	/
M4	20220226	Cloudy	Moderate	Mid-Ebb	Bottom	4.5	18:52	8.11	8.47	33.77	15.59	1.88	5	0.283	SE	/
M4	20220226	Cloudy	Moderate	Mid-Ebb	Bottom	4.5	18:52	8.16	8.40	33.95	15.52	1.70	4	0.265	SE	/

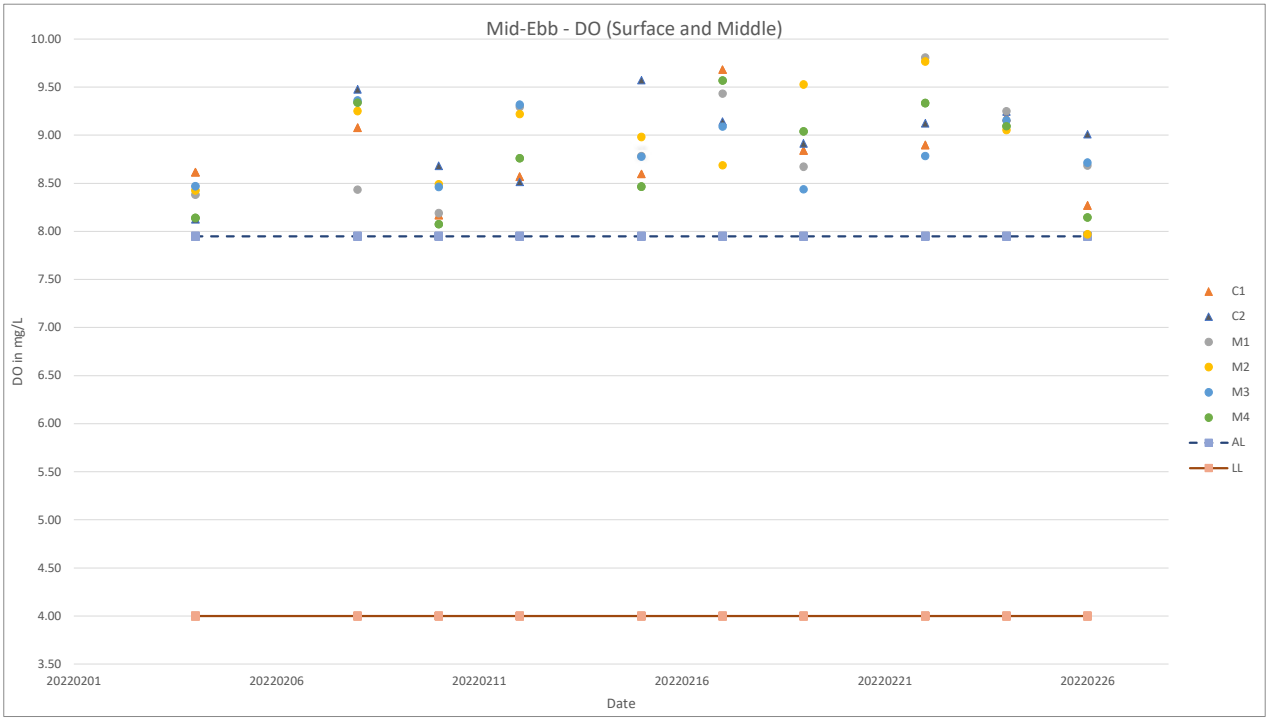
Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (?)	Turbidty (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20220204	Cloudy	Moderate	Mid-Flood	Surface	1	9:21	9.03	8.20	33.68	19.50	8.99	9	0.266	E	/
C1	20220204	Cloudy	Moderate	Mid-Flood	Surface	1	9:21	8.88	8.25	33.71	19.34	8.96	8	0.286	E	/
C1	20220204	Cloudy	Moderate	Mid-Flood	Middle	11.1	9:20	8.98	8.24	33.69	19.32	8.97	6	0.305	E	/
C1	20220204	Cloudy	Moderate	Mid-Flood	Middle	11.1	9:20	9.01	8.20	33.57	19.40	9.40	6	0.295	SE	/
C1	20220204	Cloudy	Moderate	Mid-Flood	Bottom	21.2	9:19	9.00	8.25	33.74	19.46	9.25	7	0.308	SE	/
C1	20220204	Cloudy	Moderate	Mid-Flood	Bottom	21.2	9:19	8.92	8.19	33.76	19.51	9.04	7	0.280	E	/
C2	20220204	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.79	8.08	33.59	19.48	9.73	6	0.286	SE	/
C2	20220204	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.66	8.02	33.59	19.50	9.85	5	0.274	SE	/
C2	20220204	Cloudy	Moderate	Mid-Flood	Middle	10.55	8:01	8.74	8.04	33.61	19.53	10.80	7	0.287	E	/
C2	20220204	Cloudy	Moderate	Mid-Flood	Middle	10.55	8:01	8.73	8.07	33.44	19.54	10.90	8	0.306	SE	/
C2	20220204	Cloudy	Moderate	Mid-Flood	Bottom	20.1	8:00	8.74	8.03	33.61	19.43	10.10	12	0.290	SE	/
C2	20220204	Cloudy	Moderate	Mid-Flood	Bottom	20.1	8:00	8.68	8.06	33.46	19.50	10.20	15	0.273	SE	/
M1	20220204	Cloudy	Moderate	Mid-Flood	Surface	1	8:42	8.27	8.07	34.21	19.65	7.29	5	0.270	E	/
M1	20220204	Cloudy	Moderate	Mid-Flood	Surface	1	8:42	8.22	8.09	34.19	19.61	7.56	7	0.265	SE	/
M1	20220204	Cloudy	Moderate	Mid-Flood	Middle	3.65	8:41	8.31	8.11	34.14	19.52	7.59	5	0.311	SE	/
M1	20220204	Cloudy	Moderate	Mid-Flood	Middle	3.65	8:41	8.25	8.10	34.33	19.58	7.31	7	0.281	E	/
M1	20220204	Cloudy	Moderate	Mid-Flood	Bottom	6.3	8:40	8.26	8.11	34.33	19.65	7.67	6	0.295	E	/
M1	20220204	Cloudy	Moderate	Mid-Flood	Bottom	6.3	8:40	8.36	8.11	34.24	19.53	7.47	5	0.302	SE	/
M2	20220204	Cloudy	Moderate	Mid-Flood	Surface	1	9:00	8.62	8.26	34.58	19.70	9.34	7	0.294	SE	/
M2	20220204	Cloudy	Moderate	Mid-Flood	Surface	1	9:00	8.68	8.19	34.66	19.62	9.56	5	0.275	SE	/
M2	20220204	Cloudy	Moderate	Mid-Flood	Middle	7	8:59	8.64	8.24	34.45	19.56	9.31	4	0.271	E	/
M2	20220204	Cloudy	Moderate	Mid-Flood	Middle	7	8:59	8.67	8.27	34.51	19.69	9.40	3	0.270	SE	/
M2	20220204	Cloudy	Moderate	Mid-Flood	Bottom	13	8:58	8.66	8.25	34.63	19.57	9.37	3	0.269	SE	/
M2	20220204	Cloudy	Moderate	Mid-Flood	Bottom	13	8:58	8.58	8.19	34.48	19.69	9.43	5	0.310	E	/
M3	20220204	Cloudy	Moderate	Mid-Flood	Surface	1	8:23	8.06	8.09	34.29	19.61	7.84	2.5	0.282	SE	/
M3	20220204	Cloudy	Moderate	Mid-Flood	Surface	1	8:23	8.10	8.13	34.18	19.53	8.11	3	0.310	SE	/
M3	20220204	Cloudy	Moderate	Mid-Flood	Middle	3.25	8:22	8.03	8.09	34.34	19.53	7.66	3	0.306	SE	/
M3	20220204	Cloudy	Moderate	Mid-Flood	Middle	3.25	8:22	8.04	8.06	34.29	19.59	7.91	3	0.285	SE	/
M3	20220204	Cloudy	Moderate	Mid-Flood	Bottom	5.5	8:21	8.02	8.09	34.32	19.65	7.69	3	0.273	SE	/
M3	20220204	Cloudy	Moderate	Mid-Flood	Bottom	5.5	8:21	8.07	8.12	34.36	19.46	7.81	3	0.284	SE	/
M4	20220204	Cloudy	Moderate	Mid-Flood	Surface	1	9:42	8.23	8.17	33.94	19.54	8.62	4	0.269	SE	/
M4	20220204	Cloudy	Moderate	Mid-Flood	Surface	1	9:42	8.29	8.12	33.87	19.53	8.64	3	0.309	SE	/
M4	20220204	Cloudy	Moderate	Mid-Flood	Bottom	3.9	9:41	8.25	8.17	33.90	19.61	8.86	4	0.264	SE	/
M4	20220204	Cloudy	Moderate	Mid-Flood	Bottom	3.9	9:41	8.27	8.12	34.00	19.53	8.56	4	0.293	SE	/
C1	20220208	Cloudy	Moderate	Mid-Flood	Surface	1	10:55	8.15	8.35	32.83	18.78	7.64	6	0.305	E	/
C1	20220208	Cloudy	Moderate	Mid-Flood	Surface	1	10:55	8.19	8.29	32.89	19.00	7.31	8	0.304	SE	/
C1	20220208	Cloudy	Moderate	Mid-Flood	Middle	11.75	10:54	8.15	8.29	32.81	18.93	7.51	4	0.290	SE	/
C1	20220208	Cloudy	Moderate	Mid-Flood	Middle	11.75	10:54	8.26	8.36	32.92	18.81	7.62	6	0.266	E	/
C1	20220208	Cloudy	Moderate	Mid-Flood	Bottom	22.5	10:53	8.15	8.33	32.96	18.90	7.32	5	0.293	SE	/
C1	20220208	Cloudy	Moderate	Mid-Flood	Bottom	22.5	10:53	8.22	8.33	32.91	18.79	7.25	3	0.278	SE	/
C2	20220208	Cloudy	Moderate	Mid-Flood	Surface	1	9:44	8.64	8.36	33.22	19.01	7.55	16	0.287	E	/
C2	20220208	Cloudy	Moderate	Mid-Flood	Surface	1	9:44	8.59	8.29	33.27	19.13	7.80	15	0.272	SE	/
C2	20220208	Cloudy	Moderate	Mid-Flood	Middle	11.15	9:43	8.58	8.36	33.34	19.19	7.86	7	0.295	SE	/
C2	20220208	Cloudy	Moderate	Mid-Flood	Middle	11.15	9:43	8.62	8.37	33.25	19.14	7.93	7	0.279	SE	/
C2	20220208	Cloudy	Moderate	Mid-Flood	Bottom	21.3	9:42	8.70	8.32	33.43	19.03	8.37	13	0.272	SE	/
C2	20220208	Cloudy	Moderate	Mid-Flood	Bottom	21.3	9:42	8.68	8.32	33.33	19.02	8.14	10	0.284	SE	/
M1	20220208	Cloudy	Moderate	Mid-Flood	Surface	1	10:20	8.58	8.24	33.95	19.21	6.97	4	0.300	SE	/
M1	20220208	Cloudy	Moderate	Mid-Flood	Surface	1	10:20	8.51	8.24	33.93	19.01	7.04	4	0.281	E	/
M1	20220208	Cloudy	Moderate	Mid-Flood	Middle	3.55	10:19	8.53	8.19	33.88	19.12	6.73	11	0.266	SE	/
M1	20220208	Cloudy	Moderate	Mid-Flood	Middle	3.55	10:19	8.65	8.24	33.91	19.16	7.04	12	0.274	E	/
M1	20220208	Cloudy	Moderate	Mid-Flood	Bottom	6.1	10:18	8.62	8.22	33.80	19.21	6.59	4	0.305	E	/
M1	20220208	Cloudy	Moderate	Mid-Flood	Bottom	6.1	10:18	8.62	8.25	33.78	19.04	6.64	4	0.308	E	/
M2	20220208	Cloudy	Moderate	Mid-Flood	Surface	1	10:33	9.11	8.20	33.05	18.78	6.44	5	0.306	SE	/
M2	20220208	Cloudy	Moderate	Mid-Flood	Surface	1	10:33	9.21	8.25	32.90	18.96	6.68	3	0.297	SE	/
M2	20220208	Cloudy	Moderate	Mid-Flood	Middle	6.3	10:32	9.09	8.25	32.89	18.94	6.60	4	0.273	SE	/
M2	20220208	Cloudy	Moderate	Mid-Flood	Middle	6.3	10:32	9.20	8.22	32.88	18.82	6.41	5	0.292	E	/
M2	20220208	Cloudy	Moderate	Mid-Flood	Bottom	11.6	10:31	9.16	8.19	32.86	18.97	6.84	4	0.294	E	/
M2	20220208	Cloudy	Moderate	Mid-Flood	Bottom	11.6	10:31	9.09	8.24	32.89	18.81	6.72	3	0.265	E	/
M3	20220208	Cloudy	Moderate	Mid-Flood	Surface	1	10:03	8.38	8.16	33.21	19.02	6.40	6	0.275	SE	/
M3	20220208	Cloudy	Moderate	Mid-Flood	Surface	1	10:03	8.43	8.15	33.11	19.02	6.69	7	0.268	SE	/
M3	20220208	Cloudy	Moderate	Mid-Flood	Middle	3.85	10:02	8.27	8.13	33.11	18.96	6.65	5	0.310	E	/
M3	20220208	Cloudy	Moderate	Mid-Flood	Middle	3.85	10:02	8.31	8.11	33.07	19.19	6.69	6	0.269	E	/
M3	20220208	Cloudy	Moderate	Mid-Flood	Bottom	6.7	10:01	8.38	8.09	33.03	19.00	6.56	3	0.297	SE	/
M3	20220208	Cloudy	Moderate	Mid-Flood	Bottom	6.7	10:01	8.39	8.12	33.11	19.01	6.62	3	0.281	E	/
M4	20220208	Cloudy	Moderate	Mid-Flood	Surface	1	11:10	8.52	8.13	33.35	18.88	6.67	2.5	0.304	E	/
M4	20220208	Cloudy	Moderate	Mid-Flood	Surface	1	11:10	8.45	8.16	33.27	19.11	7.05	3	0.283	SE	/
M4	20220208	Cloudy	Moderate	Mid-Flood	Bottom	3.8	11:09	8.52	8.20	33.41	18.89	6.98	4	0.287	SE	/
M4	20220208	Cloudy	Moderate	Mid-Flood	Bottom	3.8	11:09	8.44	8.14	33.27	18.98	6.72	6	0.311	SE	/
C1	20220210	Cloudy	Moderate	Mid-Flood	Surface	1	12:01	8.87	8.25	33.07	17.15	5.28	4	0.290	SE	/
C1	20220210	Cloudy	Moderate	Mid-Flood	Surface	1	12:01	8.86	8.25	33.19	17.22	4.94	2.5	0.309	SE	/
C1	20220210	Cloudy	Moderate	Mid-Flood	Middle	10.3	12:00	8.81	8.20	33.06	17.22	5.31	2.5	0.263	SE	/
C1	20220210	Cloudy	Moderate	Mid-Flood	Middle	10.3	12:00	8.85	8.24	33.05	17.13	5.11	3	0.303	SE	/
C1	20220210	Cloudy	Moderate	Mid-Flood	Bottom	19.6	11:59	8.87	8.19	33.21	17.09	5.83	2.5	0.274	SE	/
C1	20220210	Cloudy	Moderate	Mid-Flood	Bottom	19.6	11:59	8.79	8.27	32.99	17.20	5.48	2.5	0.283	SE	/
C2	20220210	Cloudy	Moderate	Mid-Flood	Surface	1	10:47	8.20	8.30	32.93	17.24	5.66	2.5	0.269	E	/
C2	20220210	Cloudy	Moderate	Mid-Flood	Surface	1	10:47	8.20	8.27	32.85	17.14	5.80	3	0.306	E	/
C2	20220210	Cloudy	Moderate	Mid-Flood	Middle	12.5	10:46	8.25	8.27	32.80	17.19	6.14	3	0.306	SE	/
C2	20220210	Cloudy	Moderate	Mid-Flood	Middle	12.5	10:46	8.20	8.33	32.91	17.15	5.90	2.5	0.284	SE	/
C2	20220210	Cloudy	Moderate	Mid-Flood	Bottom	24	10:45	8.12	8.28	32.94	17.17	6.83	3	0.279	SE	/
C2	20220210	Cloudy	Moderate	Mid-Flood	Bottom	24	10:45	8.16	8.26	32.91	17.22	6.55	2.5	0.284	SE	/
M1	20220210	Cloudy	Moderate	Mid-Flood	Surface	1	11:21	8.31	8.26	32.71	17.16	4.59	5	0.296	E	/
M1	20220210	Cloudy	Moderate	Mid-Flood	Surface	1	11:21	8.29	8.28	32.66	17.15	4.67	3	0.279	SE	/
M1	20220210	Cloudy	Moderate	Mid-Flood	Middle	3.4	11:20	8.17	8.25	32.69	17.15	5.06	3	0.283	E	/
M1	20220210	Cloudy	Moderate	Mid-Flood	Middle	3.4	11:20	8.27	8.22	32.56	17.14	4.89	4	0.295	E	/
M1	20220210	Cloudy	Moderate	Mid-Flood	Bottom	5.8	11:19	8.16	8.28	32.68	17.03	4.76	2.5	0.304	E	/
M1	20220210	Cloudy	Moderate	Mid-Flood	Bottom	5.8	11:19	8.24	8.24	32.66	17.03	4.94	3	0.295	SE	/
M2	20220210	Cloudy	Moderate	Mid-Flood	Surface	1	11:42	8.02	8.16	31.95	16.91	5.35	2.5	0.289	SE	/
M2	20220210	Cloudy	Moderate	Mid-Flood	Surface	1	11:42	8.03	8.18	31.97	16.92	4.98	4	0.311	SE	/
M2	20220210	Cloudy	Moderate	Mid-Flood	Middle	6.7	11:41	7.98	8.16	31.92	17.02	5.47	2.5	0.276	SE	/
M2	20220210	Cloudy	Moderate	Mid-Flood	Middle	6.7	11:41	8.14	8.14	32.02	16.96	5.47	2.5	0.265	E	/
M2	20220210	Cloudy	Moderate	Mid-Flood	Bottom	12.4	11:40	8.11	8.10	31.95	16.94	5.45	2.5	0.287	SE	/
M2	20220210	Cloudy	Moderate	Mid-Flood	Bottom	12.4	11:40	8.00	8.17	31.80	16.88	4.96	2.5	0.305	E	/
M3	20220210	Cloudy	Moderate	Mid-Flood	Surface	1	11:05	8.17	8.26	32.59	16.97	5.21	2.5	0.265	E	/
M3	20220210	Cloudy	Moderate	Mid-Flood	Surface	1	11:05	8.13	8.27	32.54	16.91	5.42	2.5	0.306	E	/
M3	20220210	Cloudy	Moderate	Mid-Flood	Middle	3.55	11:04	8.18	8.34	32.54	16.95	5.06	2.5	0.272	SE	/
M3	20220210	Cloudy	Moderate	Mid-Flood	Middle	3.55	11:04	8.01	8.29	32.53	16.91	5.08	2.5	0.289	E	/
M3	20220210	Cloudy	Moderate	Mid-Flood	Bottom	6.1	11:03	8.16	8.31	32.40	16.98	5.31	2.5	0.271	E	/
M3	20220210	Cloudy	Moderate	Mid-Flood	Bottom	6.1	11:03	8.07	8.32	32.50	16.98	5.33	2.5	0.311	SE	/
M4	20220210	Cloudy	Moderate	Mid-Flood	Surface	1	12:16	7.99	8.24	33.32	16.94	4.32	2.5	0.296	SE	/
M4	20220210	Cloudy	Moderate	Mid-Flood	Surface	1	12:16	8.15	8.33	33.11	16.99	4.44	2.5	0.283	E	/
M4	20220210	Cloudy	Moderate	Mid-Flood	Bottom	4.3	12:15	8.02	8.28	33.23	16.91	4.60	2.5	0.279	SE	/
M4	20220210	Cloudy	Moderate	Mid-Flood	Bottom	4.3	12:15	8.01	8.31	33.27	16.93	4.31	2.5	0.266	SE	/

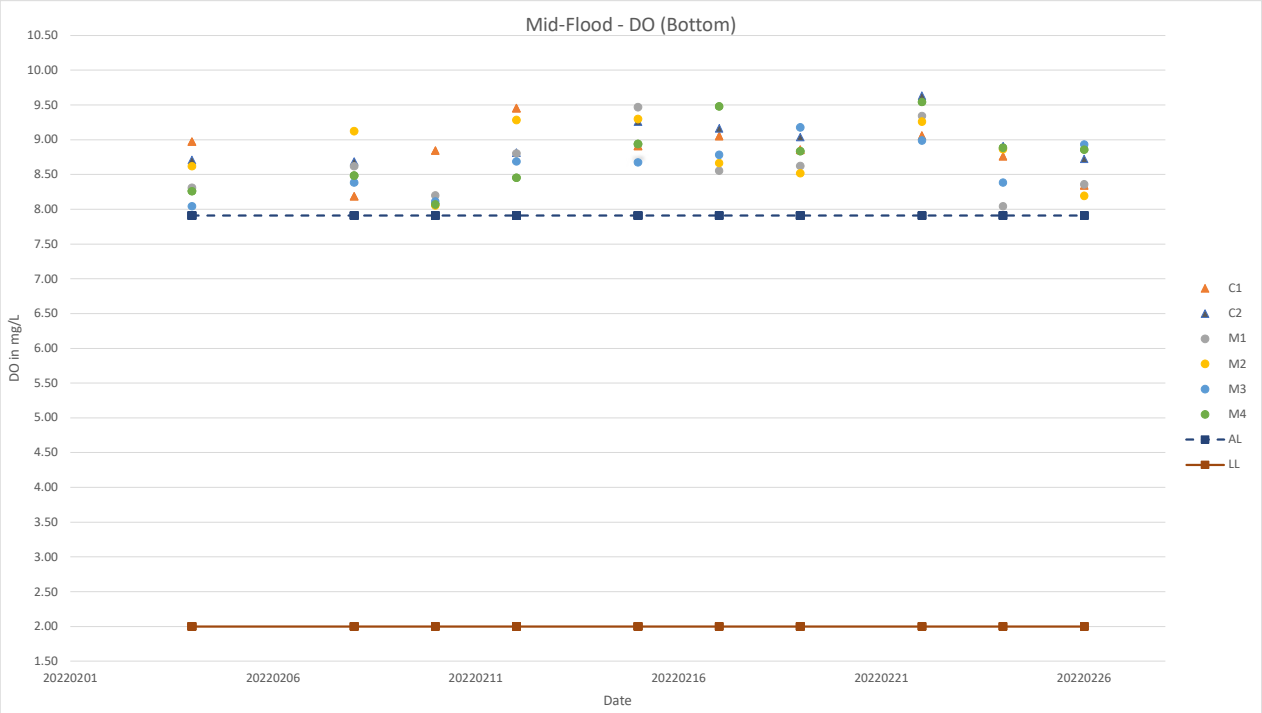
Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (?)	Turbidty (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20220212	Cloudy	Moderate	Mid-Flood	Surface	1	9:30	9.42	8.43	32.92	18.56	5.84	10	0.294	SE	/
C1	20220212	Cloudy	Moderate	Mid-Flood	Surface	1	9:30	9.49	8.38	32.98	18.57	6.06	13	0.295	E	/
C1	20220212	Cloudy	Moderate	Mid-Flood	Middle	9.7	9:29	9.45	8.43	32.79	18.67	5.75	13	0.285	SE	/
C1	20220212	Cloudy	Moderate	Mid-Flood	Middle	9.7	9:29	9.46	8.40	32.78	18.59	5.76	11	0.290	E	/
C1	20220212	Cloudy	Moderate	Mid-Flood	Bottom	18.4	9:28	9.50	8.41	32.78	18.63	5.75	15	0.307	SE	/
C1	20220212	Cloudy	Moderate	Mid-Flood	Bottom	18.4	9:28	9.58	8.38	32.96	18.58	5.88	14	0.274	E	/
C2	20220212	Cloudy	Moderate	Mid-Flood	Surface	1	8:14	8.77	8.33	32.76	18.50	5.78	7	0.278	E	/
C2	20220212	Cloudy	Moderate	Mid-Flood	Surface	1	8:14	8.84	8.32	32.90	18.59	5.99	6	0.289	SE	/
C2	20220212	Cloudy	Moderate	Mid-Flood	Middle	10.7	8:13	8.91	8.28	32.80	18.58	6.68	10	0.293	SE	/
C2	20220212	Cloudy	Moderate	Mid-Flood	Middle	10.7	8:13	8.73	8.33	32.82	18.51	6.16	12	0.282	E	/
C2	20220212	Cloudy	Moderate	Mid-Flood	Bottom	20.4	8:12	8.77	8.33	32.74	18.54	6.77	12	0.289	E	/
C2	20220212	Cloudy	Moderate	Mid-Flood	Bottom	20.4	8:12	8.86	8.33	32.93	18.59	6.95	16	0.284	SE	/
M1	20220212	Cloudy	Moderate	Mid-Flood	Surface	1	8:54	8.87	8.22	32.63	18.67	5.20	5	0.280	SE	/
M1	20220212	Cloudy	Moderate	Mid-Flood	Surface	1	8:54	8.67	8.19	32.48	18.66	5.34	7	0.271	SE	/
M1	20220212	Cloudy	Moderate	Mid-Flood	Middle	3.2	8:53	8.67	8.19	32.45	18.62	5.38	6	0.292	SE	/
M1	20220212	Cloudy	Moderate	Mid-Flood	Middle	3.2	8:53	8.69	8.22	32.67	18.60	5.26	7	0.310	E	/
M1	20220212	Cloudy	Moderate	Mid-Flood	Bottom	5.4	8:52	8.85	8.23	32.44	18.62	5.15	15	0.294	SE	/
M1	20220212	Cloudy	Moderate	Mid-Flood	Bottom	5.4	8:52	8.76	8.20	32.53	18.62	4.93	14	0.281	E	/
M2	20220212	Cloudy	Moderate	Mid-Flood	Surface	1	9:12	9.19	8.31	32.88	18.60	4.98	7	0.263	E	/
M2	20220212	Cloudy	Moderate	Mid-Flood	Surface	1	9:12	9.10	8.30	32.92	18.68	5.26	5	0.295	E	/
M2	20220212	Cloudy	Moderate	Mid-Flood	Middle	6.75	9:11	9.21	8.31	32.97	18.62	4.95	2.5	0.282	E	/
M2	20220212	Cloudy	Moderate	Mid-Flood	Middle	6.75	9:11	9.06	8.30	32.87	18.63	4.98	2.5	0.271	SE	/
M2	20220212	Cloudy	Moderate	Mid-Flood	Bottom	12.5	9:10	9.25	8.33	32.98	18.69	5.08	2.5	0.306	SE	/
M2	20220212	Cloudy	Moderate	Mid-Flood	Bottom	12.5	9:10	9.32	8.33	32.78	18.62	5.30	2.5	0.273	SE	/
M3	20220212	Cloudy	Moderate	Mid-Flood	Surface	1	8:33	8.63	8.43	32.36	18.68	4.58	2.5	0.278	SE	/
M3	20220212	Cloudy	Moderate	Mid-Flood	Surface	1	8:33	8.79	8.40	32.49	18.62	4.65	2.5	0.286	E	/
M3	20220212	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:32	8.58	8.39	32.37	18.64	4.64	2.5	0.265	E	/
M3	20220212	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:32	8.80	8.41	32.33	18.71	4.77	2.5	0.267	SE	/
M3	20220212	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:31	8.78	8.40	32.31	18.68	4.61	2.5	0.308	E	/
M3	20220212	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:31	8.60	8.41	32.27	18.69	4.55	2.5	0.308	SE	/
M4	20220212	Cloudy	Moderate	Mid-Flood	Surface	1	9:48	8.46	8.41	33.09	18.52	4.23	3	0.277	SE	/
M4	20220212	Cloudy	Moderate	Mid-Flood	Surface	1	9:48	8.45	8.41	33.27	18.62	3.99	2.5	0.310	SE	/
M4	20220212	Cloudy	Moderate	Mid-Flood	Bottom	3.8	9:47	8.57	8.38	33.17	18.61	3.85	2.5	0.297	SE	/
M4	20220212	Cloudy	Moderate	Mid-Flood	Bottom	3.8	9:47	8.45	8.36	33.07	18.48	4.16	2.5	0.271	SE	/
C1	20220215	Cloudy	Moderate	Mid-Flood	Surface	1	16:18	9.04	8.38	33.33	19.00	7.47	9	0.276	SE	/
C1	20220215	Cloudy	Moderate	Mid-Flood	Surface	1	16:18	8.81	8.42	33.30	19.01	7.26	10	0.289	E	/
C1	20220215	Cloudy	Moderate	Mid-Flood	Middle	10.2	16:17	8.95	8.37	33.29	18.91	7.34	21	0.310	E	/
C1	20220215	Cloudy	Moderate	Mid-Flood	Middle	10.2	16:17	8.85	8.43	33.37	18.93	7.57	19	0.297	E	/
C1	20220215	Cloudy	Moderate	Mid-Flood	Bottom	19.4	16:16	9.02	8.39	33.39	19.02	7.62	19	0.279	SE	/
C1	20220215	Cloudy	Moderate	Mid-Flood	Bottom	19.4	16:16	8.88	8.44	33.42	18.93	7.51	19	0.305	E	/
C2	20220215	Cloudy	Moderate	Mid-Flood	Surface	1	15:06	9.34	8.46	33.15	18.80	7.67	20	0.310	SE	/
C2	20220215	Cloudy	Moderate	Mid-Flood	Surface	1	15:06	9.29	8.41	33.13	18.83	8.11	19	0.311	E	/
C2	20220215	Cloudy	Moderate	Mid-Flood	Middle	11.85	15:05	9.39	8.43	33.22	18.83	7.90	22	0.292	E	/
C2	20220215	Cloudy	Moderate	Mid-Flood	Middle	11.85	15:05	9.34	8.45	33.24	18.84	7.62	22	0.301	SE	/
C2	20220215	Cloudy	Moderate	Mid-Flood	Bottom	22.7	15:04	9.23	8.45	33.09	18.78	8.04	20	0.286	E	/
C2	20220215	Cloudy	Moderate	Mid-Flood	Bottom	22.7	15:04	9.29	8.44	33.09	18.89	7.60	23	0.311	E	/
M1	20220215	Cloudy	Moderate	Mid-Flood	Surface	1	15:40	9.45	8.35	33.84	18.99	6.16	11	0.292	SE	/
M1	20220215	Cloudy	Moderate	Mid-Flood	Surface	1	15:40	9.47	8.34	33.91	18.86	6.09	13	0.278	E	/
M1	20220215	Cloudy	Moderate	Mid-Flood	Middle	3.35	15:39	9.45	8.35	33.96	18.90	6.18	9	0.277	SE	/
M1	20220215	Cloudy	Moderate	Mid-Flood	Middle	3.35	15:39	9.47	8.32	33.89	18.86	6.02	11	0.311	SE	/
M1	20220215	Cloudy	Moderate	Mid-Flood	Bottom	5.7	15:38	9.41	8.30	33.98	18.93	6.09	10	0.298	SE	/
M1	20220215	Cloudy	Moderate	Mid-Flood	Bottom	5.7	15:38	9.53	8.34	33.85	18.88	6.01	10	0.279	SE	/
M2	20220215	Cloudy	Moderate	Mid-Flood	Surface	1	15:59	9.43	8.45	33.86	18.76	5.46	14	0.279	E	/
M2	20220215	Cloudy	Moderate	Mid-Flood	Surface	1	15:59	9.39	8.50	33.91	18.72	5.76	11	0.309	E	/
M2	20220215	Cloudy	Moderate	Mid-Flood	Middle	7	15:58	9.35	8.48	33.97	18.72	5.75	20	0.289	SE	/
M2	20220215	Cloudy	Moderate	Mid-Flood	Middle	7	15:58	9.37	8.46	33.89	18.74	5.79	21	0.275	SE	/
M2	20220215	Cloudy	Moderate	Mid-Flood	Bottom	13	15:57	9.27	8.50	34.00	18.74	5.47	20	0.304	SE	/
M2	20220215	Cloudy	Moderate	Mid-Flood	Bottom	13	15:57	9.33	8.46	33.92	18.72	5.35	21	0.279	E	/
M3	20220215	Cloudy	Moderate	Mid-Flood	Surface	1	15:23	8.86	8.48	33.72	19.01	6.35	10	0.285	E	/
M3	20220215	Cloudy	Moderate	Mid-Flood	Surface	1	15:23	8.85	8.47	33.78	19.02	6.74	10	0.268	E	/
M3	20220215	Cloudy	Moderate	Mid-Flood	Middle	4.05	15:22	8.70	8.45	33.82	19.01	6.33	10	0.266	E	/
M3	20220215	Cloudy	Moderate	Mid-Flood	Middle	4.05	15:22	8.75	8.51	33.72	19.03	6.59	8	0.276	E	/
M3	20220215	Cloudy	Moderate	Mid-Flood	Bottom	7.1	15:21	8.73	8.45	33.83	19.04	6.75	9	0.266	SE	/
M3	20220215	Cloudy	Moderate	Mid-Flood	Bottom	7.1	15:21	8.62	8.46	33.79	19.01	6.85	9	0.272	E	/
M4	20220215	Cloudy	Moderate	Mid-Flood	Surface	1	16:41	8.90	8.40	32.80	18.88	7.16	10	0.292	E	/
M4	20220215	Cloudy	Moderate	Mid-Flood	Surface	1	16:41	8.98	8.41	32.82	18.90	6.96	13	0.282	SE	/
M4	20220215	Cloudy	Moderate	Mid-Flood	Bottom	3.9	16:40	9.00	8.37	32.78	18.95	7.10	10	0.291	SE	/
M4	20220215	Cloudy	Moderate	Mid-Flood	Bottom	3.9	16:40	8.98	8.38	32.83	18.97	7.20	10	0.266	SE	/
C1	20220217	Cloudy	Moderate	Mid-Flood	Surface	1	16:43	9.09	8.42	33.39	18.70	7.12	2.5	0.270	SE	/
C1	20220217	Cloudy	Moderate	Mid-Flood	Surface	1	16:43	8.99	8.41	33.42	18.70	7.17	2.5	0.269	SE	/
C1	20220217	Cloudy	Moderate	Mid-Flood	Middle	11.4	16:42	9.08	8.42	33.39	18.69	6.86	2.5	0.306	SE	/
C1	20220217	Cloudy	Moderate	Mid-Flood	Middle	11.4	16:42	9.06	8.41	33.49	18.62	6.94	2.5	0.286	E	/
C1	20220217	Cloudy	Moderate	Mid-Flood	Bottom	21.8	16:41	8.95	8.41	33.35	18.68	7.61	3	0.281	SE	/
C1	20220217	Cloudy	Moderate	Mid-Flood	Bottom	21.8	16:41	9.03	8.41	33.53	18.61	7.06	3	0.295	E	/
C2	20220217	Cloudy	Moderate	Mid-Flood	Surface	1	15:22	9.14	8.30	32.80	18.88	7.34	2.5	0.270	SE	/
C2	20220217	Cloudy	Moderate	Mid-Flood	Surface	1	15:22	9.17	8.29	32.69	18.81	7.59	2.5	0.297	E	/
C2	20220217	Cloudy	Moderate	Mid-Flood	Middle	11.8	15:21	9.18	8.32	32.74	18.88	7.45	3	0.304	SE	/
C2	20220217	Cloudy	Moderate	Mid-Flood	Middle	11.8	15:21	9.16	8.27	32.69	18.85	7.50	3	0.298	SE	/
C2	20220217	Cloudy	Moderate	Mid-Flood	Bottom	22.6	15:20	9.13	8.35	32.75	18.84	8.60	3	0.309	E	/
C2	20220217	Cloudy	Moderate	Mid-Flood	Bottom	22.6	15:20	9.20	8.32	32.74	18.83	8.29	4	0.306	E	/
M1	20220217	Cloudy	Moderate	Mid-Flood	Surface	1	16:03	8.54	8.37	33.67	18.74	5.40	3	0.281	E	/
M1	20220217	Cloudy	Moderate	Mid-Flood	Surface	1	16:03	8.50	8.44	33.70	18.72	5.56	3	0.273	SE	/
M1	20220217	Cloudy	Moderate	Mid-Flood	Middle	3.65	16:02	8.52	8.41	33.58	18.74	5.25	3	0.293	E	/
M1	20220217	Cloudy	Moderate	Mid-Flood	Middle	3.65	16:02	8.57	8.36	33.70	18.68	5.34	3	0.269	E	/
M1	20220217	Cloudy	Moderate	Mid-Flood	Bottom	6.3	16:01	8.54	8.39	33.78	18.68	5.60	4	0.280	SE	/
M1	20220217	Cloudy	Moderate	Mid-Flood	Bottom	6.3	16:01	8.57	8.37	33.73	18.74	5.34	3	0.282	SE	/
M2	20220217	Cloudy	Moderate	Mid-Flood	Surface	1	16:20	8.67	8.31	33.49	18.63	6.52	4	0.292	SE	/
M2	20220217	Cloudy	Moderate	Mid-Flood	Surface	1	16:20	8.62	8.32	33.48	18.57	6.45	4	0.277	SE	/
M2	20220217	Cloudy	Moderate	Mid-Flood	Middle	6.4	16:19	8.67	8.33	33.45	18.60	6.46	4	0.309	SE	/
M2	20220217	Cloudy	Moderate	Mid-Flood	Middle	6.4	16:19	8.66	8.35	33.42	18.58	6.75	4	0.280	E	/
M2	20220217	Cloudy	Moderate	Mid-Flood	Bottom	11.8	16:18	8.70	8.29	33.33	18.60	6.95	3	0.306	SE	/
M2	20220217	Cloudy	Moderate	Mid-Flood	Bottom	11.8	16:18	8.63	8.34	33.56	18.55	6.70	4	0.309	SE	/
M3	20220217	Cloudy	Moderate	Mid-Flood	Surface	1	15:48	8.68	8.24	32.35	18.83	6.38	2.5	0.269	SE	/
M3	20220217	Cloudy	Moderate	Mid-Flood	Surface	1	15:48	8.78	8.24	32.41	18.84	6.14	2.5	0.270	SE	/
M3	20220217	Cloudy	Moderate	Mid-Flood	Middle	3.25	15:47	8.79	8.32	32.37	18.77	6.24	2.5	0.272	E	/
M3	20220217	Cloudy	Moderate	Mid-Flood	Middle	3.25	15:47	8.77	8.24	32.37	18.79	6.53	2.5	0.285	E	/
M3	20220217	Cloudy	Moderate	Mid-Flood	Bottom	5.5	15:46	8.80	8.28	32.53	18.75	6.12	3	0.298	SE	/
M3	20220217	Cloudy	Moderate	Mid-Flood	Bottom	5.5	15:46	8.77	8.32	32.34	18.81	6.56	3	0.308	SE	/
M4	20220217	Cloudy	Moderate	Mid-Flood	Surface	1	17:01	9.51	8.33	32.55	18.73	5.22	4	0.280	E	/
M4	20220217	Cloudy	Moderate	Mid-Flood	Surface	1	17:01	9.45	8.34	32.55	18.73	5.23	5	0.302	E	/
M4	20220217	Cloudy	Moderate	Mid-Flood	Bottom	4.1	17:00	9.42	8.31	32.66	18.69	5.33	2.5	0.304	SE	/
M4	20220217	Cloudy	Moderate	Mid-Flood	Bottom	4.1	17:00	9.49	8.32	32.49	18.73	5.31	3	0.293	SE	/

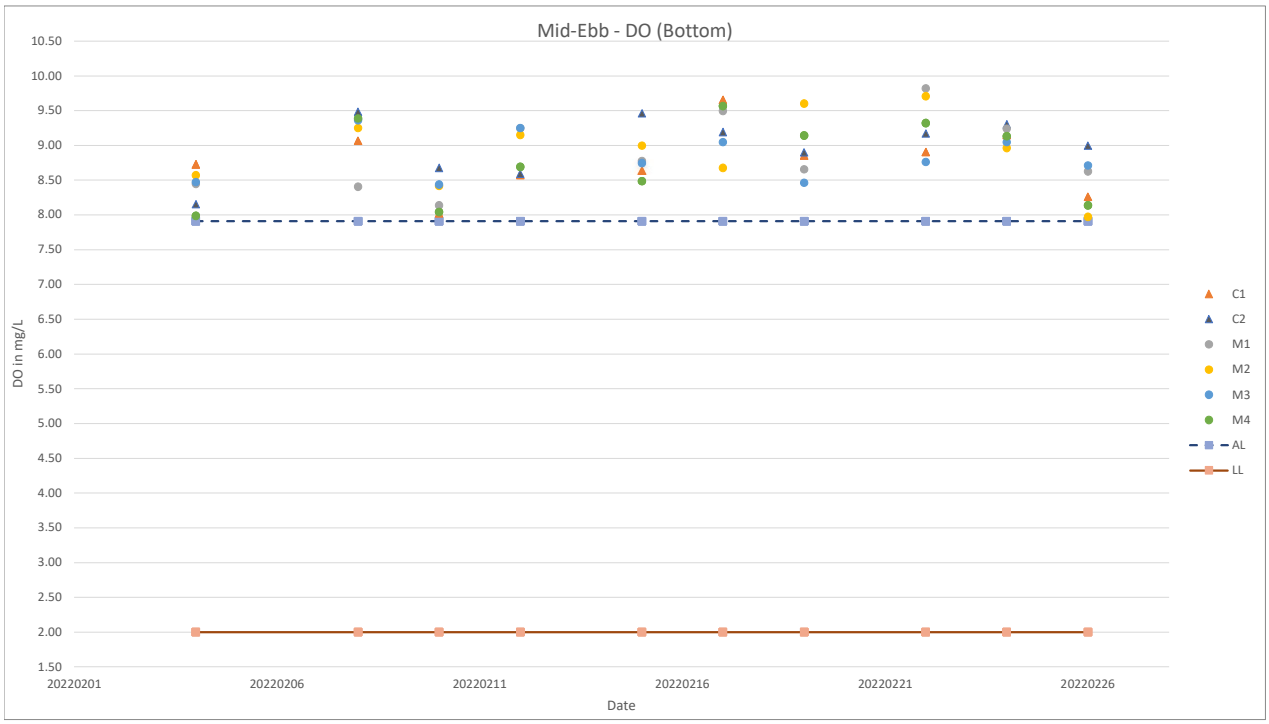
Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (?)	Turbidty (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20220219	Cloudy	Modeate	Mid-Flood	Surface	1	9:16	8.91	8.28	33.77	16.65	5.45	2.5	0.295	SE	/
C1	20220219	Cloudy	Modeate	Mid-Flood	Surface	1	9:16	8.88	8.29	33.78	16.79	5.07	3	0.300	E	/
C1	20220219	Cloudy	Modeate	Mid-Flood	Middle	9.85	9:15	8.86	8.26	33.77	16.67	6.57	5	0.306	SE	/
C1	20220219	Cloudy	Modeate	Mid-Flood	Middle	9.85	9:15	8.78	8.28	33.75	16.75	6.18	4	0.263	SE	/
C1	20220219	Cloudy	Modeate	Mid-Flood	Bottom	18.7	9:14	8.87	8.26	33.75	16.82	6.33	5	0.272	SE	/
C1	20220219	Cloudy	Modeate	Mid-Flood	Bottom	18.7	9:14	8.78	8.24	33.75	16.81	6.42	3	0.272	SE	/
C2	20220219	Cloudy	Modeate	Mid-Flood	Surface	1	8:02	9.02	8.11	32.78	16.61	6.18	4	0.299	SE	/
C2	20220219	Cloudy	Modeate	Mid-Flood	Surface	1	8:02	9.12	8.16	32.80	16.60	6.45	4	0.311	SE	/
C2	20220219	Cloudy	Modeate	Mid-Flood	Middle	12.9	8:01	8.99	8.13	32.82	16.55	6.95	4	0.271	E	/
C2	20220219	Cloudy	Modeate	Mid-Flood	Middle	12.9	8:01	8.99	8.16	32.76	16.52	6.78	3	0.301	SE	/
C2	20220219	Cloudy	Modeate	Mid-Flood	Bottom	24.8	8:00	9.06	8.12	32.77	16.63	8.36	3	0.289	SE	/
C2	20220219	Cloudy	Modeate	Mid-Flood	Bottom	24.8	8:00	9.02	8.09	32.85	16.54	7.67	4	0.264	SE	/
M1	20220219	Cloudy	Modeate	Mid-Flood	Surface	1	8:39	8.70	8.32	33.82	16.91	4.52	4	0.311	E	/
M1	20220219	Cloudy	Modeate	Mid-Flood	Surface	1	8:39	8.71	8.34	33.73	16.92	4.37	4	0.295	E	/
M1	20220219	Cloudy	Modeate	Mid-Flood	Middle	3.55	8:38	8.67	8.28	33.68	16.79	4.28	6	0.278	SE	/
M1	20220219	Cloudy	Modeate	Mid-Flood	Middle	3.55	8:38	8.70	8.33	33.81	16.81	4.34	7	0.267	SE	/
M1	20220219	Cloudy	Modeate	Mid-Flood	Bottom	6.1	8:37	8.61	8.33	33.70	16.93	4.31	4	0.297	SE	/
M1	20220219	Cloudy	Modeate	Mid-Flood	Bottom	6.1	8:37	8.64	8.33	33.75	16.86	4.72	4	0.266	SE	/
M2	20220219	Cloudy	Modeate	Mid-Flood	Surface	1	8:58	8.44	8.22	33.20	16.74	4.88	5	0.299	SE	/
M2	20220219	Cloudy	Modeate	Mid-Flood	Surface	1	8:58	8.49	8.22	33.20	16.70	5.16	5	0.297	E	/
M2	20220219	Cloudy	Modeate	Mid-Flood	Middle	7	8:57	8.50	8.29	33.14	16.85	4.80	3	0.267	E	/
M2	20220219	Cloudy	Modeate	Mid-Flood	Middle	7	8:57	8.41	8.24	33.15	16.79	4.77	5	0.308	E	/
M2	20220219	Cloudy	Modeate	Mid-Flood	Bottom	13	8:56	8.53	8.25	33.29	16.80	4.98	4	0.279	SE	/
M2	20220219	Cloudy	Modeate	Mid-Flood	Bottom	13	8:56	8.51	8.23	33.30	16.80	4.83	6	0.286	E	/
M3	20220219	Cloudy	Modeate	Mid-Flood	Surface	1	8:18	9.16	8.11	34.08	16.76	4.86	4	0.274	E	/
M3	20220219	Cloudy	Modeate	Mid-Flood	Surface	1	8:18	9.17	8.10	34.09	16.70	4.91	5	0.311	SE	/
M3	20220219	Cloudy	Modeate	Mid-Flood	Middle	4.05	8:17	9.18	8.16	34.14	16.78	5.05	5	0.281	SE	/
M3	20220219	Cloudy	Modeate	Mid-Flood	Middle	4.05	8:17	9.26	8.15	34.15	16.71	4.77	6	0.266	E	/
M3	20220219	Cloudy	Modeate	Mid-Flood	Bottom	7.1	8:16	9.14	8.12	34.03	16.80	5.02	3	0.306	SE	/
M3	20220219	Cloudy	Modeate	Mid-Flood	Bottom	7.1	8:16	9.22	8.17	34.09	16.77	4.61	2.5	0.297	SE	/
M4	20220219	Cloudy	Modeate	Mid-Flood	Surface	1	9:34	8.86	8.16	32.93	16.71	5.88	8	0.298	SE	/
M4	20220219	Cloudy	Modeate	Mid-Flood	Surface	1	9:34	8.81	8.22	32.80	16.61	5.73	9	0.285	SE	/
M4	20220219	Cloudy	Modeate	Mid-Flood	Bottom	4.6	9:33	8.76	8.18	32.81	16.67	5.72	5	0.269	E	/
M4	20220219	Cloudy	Modeate	Mid-Flood	Bottom	4.6	9:33	8.79	8.21	32.86	16.67	5.64	3	0.274	SE	/
C1	20220222	Cloudy	Moderate	Mid-Flood	Surface	1	9:54	9.18	8.08	33.02	16.79	5.72	4	0.272	E	/
C1	20220222	Cloudy	Moderate	Mid-Flood	Surface	1	9:54	8.99	8.09	33.04	16.73	5.63	4	0.291	SE	/
C1	20220222	Cloudy	Moderate	Mid-Flood	Middle	10.05	9:53	9.04	8.03	33.04	16.73	6.19	4	0.310	E	/
C1	20220222	Cloudy	Moderate	Mid-Flood	Middle	10.05	9:53	9.03	8.08	32.93	16.65	5.84	6	0.267	E	/
C1	20220222	Cloudy	Moderate	Mid-Flood	Bottom	19.1	9:52	8.99	8.15	33.16	16.62	6.78	18	0.287	SE	/
C1	20220222	Cloudy	Moderate	Mid-Flood	Bottom	19.1	9:52	9.04	8.11	33.09	16.68	6.82	21	0.266	SE	/
C2	20220222	Cloudy	Moderate	Mid-Flood	Surface	1	8:20	9.57	8.06	33.40	16.65	6.33	15	0.264	SE	/
C2	20220222	Cloudy	Moderate	Mid-Flood	Surface	1	8:20	9.52	8.09	33.53	16.73	6.20	16	0.283	E	/
C2	20220222	Cloudy	Moderate	Mid-Flood	Middle	12.7	8:19	9.52	8.16	33.53	16.77	6.19	11	0.303	E	/
C2	20220222	Cloudy	Moderate	Mid-Flood	Middle	12.7	8:19	9.55	8.16	33.50	16.63	6.45	13	0.267	E	/
C2	20220222	Cloudy	Moderate	Mid-Flood	Bottom	24.4	8:18	9.61	8.12	33.48	16.71	6.73	19	0.305	SE	/
C2	20220222	Cloudy	Moderate	Mid-Flood	Bottom	24.4	8:18	9.66	8.16	33.39	16.65	6.44	24	0.276	SE	/
M1	20220222	Cloudy	Moderate	Mid-Flood	Surface	1	9:00	9.16	8.11	32.03	16.39	4.20	5	0.275	SE	/
M1	20220222	Cloudy	Moderate	Mid-Flood	Surface	1	9:00	9.27	8.14	32.15	16.50	4.47	7	0.270	SE	/
M1	20220222	Cloudy	Moderate	Mid-Flood	Middle	3.25	8:59	9.15	8.18	32.27	16.43	4.45	6	0.306	SE	/
M1	20220222	Cloudy	Moderate	Mid-Flood	Middle	3.25	8:59	9.19	8.11	32.17	16.56	4.50	6	0.285	SE	/
M1	20220222	Cloudy	Moderate	Mid-Flood	Bottom	5.5	8:58	9.33	8.13	32.06	16.49	4.34	9	0.284	SE	/
M1	20220222	Cloudy	Moderate	Mid-Flood	Bottom	5.5	8:58	9.36	8.11	32.02	16.45	4.50	11	0.306	SE	/
M2	20220222	Cloudy	Moderate	Mid-Flood	Surface	1	9:17	9.28	8.11	33.09	16.63	3.99	6	0.304	SE	/
M2	20220222	Cloudy	Moderate	Mid-Flood	Surface	1	9:17	9.21	8.13	33.01	16.61	4.01	8	0.295	E	/
M2	20220222	Cloudy	Moderate	Mid-Flood	Middle	6.35	9:16	9.27	8.08	33.19	16.72	3.59	5	0.275	SE	/
M2	20220222	Cloudy	Moderate	Mid-Flood	Middle	6.35	9:16	9.26	8.10	33.21	16.56	3.63	4	0.285	E	/
M2	20220222	Cloudy	Moderate	Mid-Flood	Bottom	11.7	9:15	9.34	8.07	33.18	16.59	3.77	10	0.289	SE	/
M2	20220222	Cloudy	Moderate	Mid-Flood	Bottom	11.7	9:15	9.18	8.14	33.00	16.62	3.67	13	0.266	SE	/
M3	20220222	Cloudy	Moderate	Mid-Flood	Surface	1	8:42	8.99	8.16	32.15	16.51	5.65	4	0.309	SE	/
M3	20220222	Cloudy	Moderate	Mid-Flood	Surface	1	8:42	9.12	8.22	32.08	16.53	5.83	5	0.287	SE	/
M3	20220222	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:41	9.00	8.18	32.17	16.51	5.98	9	0.281	SE	/
M3	20220222	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:41	8.99	8.22	32.06	16.42	5.52	8	0.280	SE	/
M3	20220222	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:40	8.96	8.18	32.12	16.45	5.93	4	0.279	E	/
M3	20220222	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:40	9.02	8.16	32.22	16.51	5.91	4	0.299	SE	/
M4	20220222	Cloudy	Moderate	Mid-Flood	Surface	1	9:36	9.56	8.25	32.76	16.56	4.91	9	0.299	E	/
M4	20220222	Cloudy	Moderate	Mid-Flood	Surface	1	9:36	9.53	8.25	32.94	16.47	5.18	11	0.282	E	/
M4	20220222	Cloudy	Moderate	Mid-Flood	Bottom	3.6	9:35	9.54	8.23	33.03	16.46	5.03	7	0.286	SE	/
M4	20220222	Cloudy	Moderate	Mid-Flood	Bottom	3.6	9:35	9.53	8.17	32.99	16.45	5.45	10	0.270	E	/
C1	20220224	Cloudy	Moderate	Mid-Flood	Surface	1	9:53	8.77	8.17	32.84	16.50	5.50	4	0.310	SE	/
C1	20220224	Cloudy	Moderate	Mid-Flood	Surface	1	9:53	8.72	8.19	32.93	16.56	5.27	5	0.270	E	/
C1	20220224	Cloudy	Moderate	Mid-Flood	Middle	11.6	9:52	8.75	8.20	32.89	16.50	5.95	4	0.279	E	/
C1	20220224	Cloudy	Moderate	Mid-Flood	Middle	11.6	9:52	8.82	8.17	32.95	16.51	6.16	6	0.263	SE	/
C1	20220224	Cloudy	Moderate	Mid-Flood	Bottom	22.2	9:51	8.82	8.14	32.90	16.55	6.28	17	0.292	SE	/
C1	20220224	Cloudy	Moderate	Mid-Flood	Bottom	22.2	9:51	8.78	8.19	32.91	16.54	6.33	17	0.270	E	/
C2	20220224	Cloudy	Moderate	Mid-Flood	Surface	1	9:50	8.85	8.16	32.82	16.30	6.03	18	0.299	SE	/
C2	20220224	Cloudy	Moderate	Mid-Flood	Surface	1	9:50	8.82	8.19	32.80	16.35	5.99	20	0.263	SE	/
C2	20220224	Cloudy	Moderate	Mid-Flood	Middle	11.55	9:49	8.86	8.15	32.77	16.36	6.86	15	0.296	E	/
C2	20220224	Cloudy	Moderate	Mid-Flood	Middle	11.55	9:49	8.98	8.17	32.69	16.34	6.85	16	0.280	SE	/
C2	20220224	Cloudy	Moderate	Mid-Flood	Bottom	22.1	9:48	8.95	8.14	32.82	16.34	7.18	10	0.293	E	/
C2	20220224	Cloudy	Moderate	Mid-Flood	Bottom	22.1	9:48	8.87	8.13	32.76	16.37	7.07	13	0.282	E	/
M1	20220224	Cloudy	Moderate	Mid-Flood	Surface	1	9:20	7.99	8.30	33.84	16.30	4.68	3	0.268	E	/
M1	20220224	Cloudy	Moderate	Mid-Flood	Surface	1	9:20	7.97	8.29	33.74	16.35	4.73	3	0.307	SE	/
M1	20220224	Cloudy	Moderate	Mid-Flood	Middle	3.55	9:19	8.01	8.35	33.71	16.31	4.29	5	0.307	SE	/
M1	20220224	Cloudy	Moderate	Mid-Flood	Middle	3.55	9:19	7.95	8.31	33.79	16.35	4.25	7	0.282	SE	/
M1	20220224	Cloudy	Moderate	Mid-Flood	Bottom	6.1	9:18	8.09	8.33	33.76	16.34	4.75	3	0.272	E	/
M1	20220224	Cloudy	Moderate	Mid-Flood	Bottom	6.1	9:18	8.00	8.30	33.69	16.34	4.24	3	0.306	E	/
M2	20220224	Cloudy	Moderate	Mid-Flood	Surface	1	9:35	8.86	8.13	33.87	16.41	5.54	2.5	0.294	SE	/
M2	20220224	Cloudy	Moderate	Mid-Flood	Surface	1	9:35	8.87	8.21	33.75	16.29	5.29	2.5	0.277	E	/
M2	20220224	Cloudy	Moderate	Mid-Flood	Middle	6.35	9:34	8.85	8.21	33.86	16.40	5.14	4	0.296	SE	/
M2	20220224	Cloudy	Moderate	Mid-Flood	Middle	6.35	9:34	8.82	8.18	33.76	16.39	5.21	5	0.293	E	/
M2	20220224	Cloudy	Moderate	Mid-Flood	Bottom	11.7	9:33	8.86	8.17	33.73	16.38	5.40	7	0.285	SE	/
M2	20220224	Cloudy	Moderate	Mid-Flood	Bottom	11.7	9:33	8.87	8.16	33.78	16.29	5.14	5	0.269	E	/
M3	20220224	Cloudy	Moderate	Mid-Flood	Surface	1	9:06	8.41	8.24	32.86	16.49	6.15	4	0.273	SE	/
M3	20220224	Cloudy	Moderate	Mid-Flood	Surface	1	9:06	8.49	8.18	32.70	16.52	6.11	3	0.264	SE	/
M3	20220224	Cloudy	Moderate	Mid-Flood	Middle	3.6	9:05	8.49	8.18	32.78	16.52	5.93	6	0.309	SE	/
M3	20220224	Cloudy	Moderate	Mid-Flood	Middle	3.6	9:05	8.36	8.21	32.87	16.45	5.92	5	0.299	SE	/
M3	20220224	Cloudy	Moderate	Mid-Flood	Bottom	6.2	9:04	8.42	8.21	32.76	16.52	5.88	6	0.298	SE	/
M3	20220224	Cloudy	Moderate	Mid-Flood	Bottom	6.2	9:04	8.35	8.15	32.66	16.51	6.00	7	0.310	E	/
M4	20220224	Cloudy	Moderate	Mid-Flood	Surface	1	10:14	8.87	8.11	33.94	16.57	5.12	16	0.273	SE	/
M4	20220224	Cloudy	Moderate	Mid-Flood	Surface	1	10:14	8.90	8.13	33.81	16.52	5.16	18	0.287	E	/
M4	20220224	Cloudy	Moderate	Mid-Flood	Bottom	4.5	10:13	8.94	8.20	33.98	16.62	5.23	6	0.268	SE	/
M4	20220224	Cloudy	Moderate	Mid-Flood	Bottom	4.5	10:13	8.83	8.13	34.02	16.61	4.92	7	0.301	SE	/

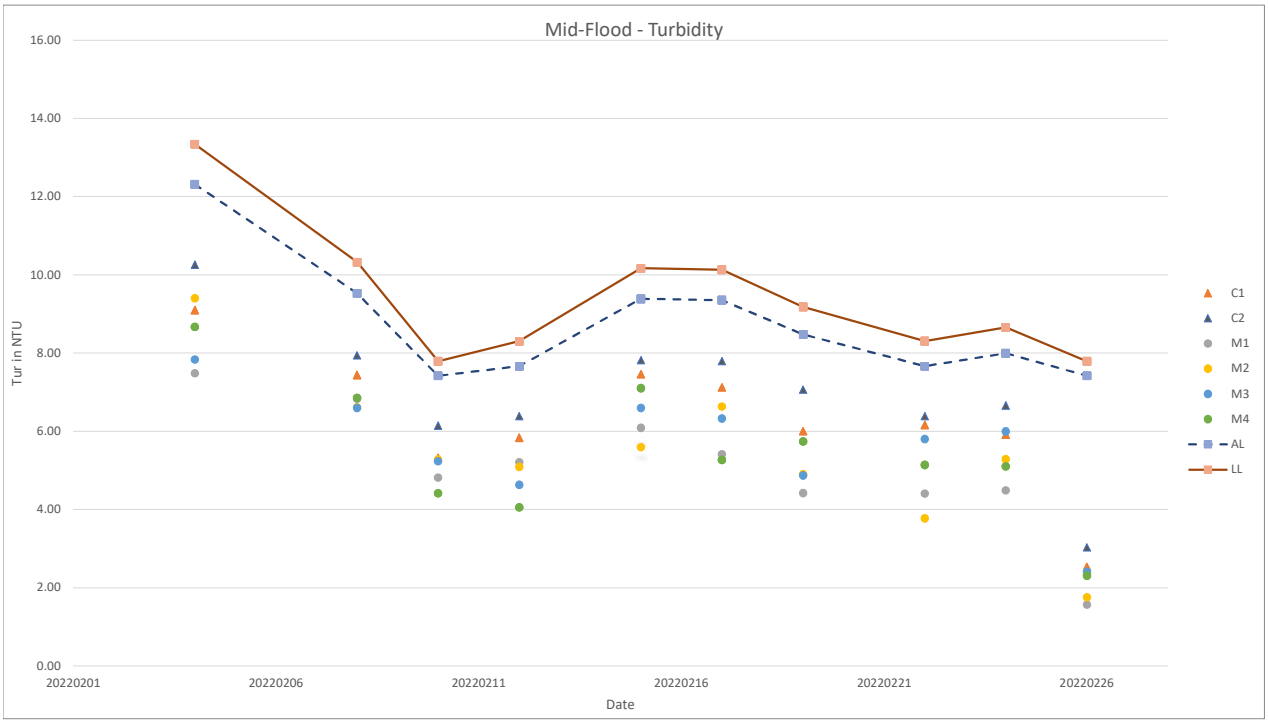
Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (?)	Turbidty (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20220226	Cloudy	Moderate	Mid-Flood	Surface	1	9:18	8.30	8.31	32.30	15.66	2.33	7	0.309	E	/
C1	20220226	Cloudy	Moderate	Mid-Flood	Surface	1	9:18	8.35	8.40	32.26	15.62	2.15	4	0.306	SE	/
C1	20220226	Cloudy	Moderate	Mid-Flood	Middle	10.55	9:17	8.35	8.39	32.34	15.63	2.60	5	0.264	E	/
C1	20220226	Cloudy	Moderate	Mid-Flood	Middle	10.55	9:17	8.38	8.34	32.20	15.66	2.58	2.5	0.289	SE	/
C1	20220226	Cloudy	Moderate	Mid-Flood	Bottom	20.1	9:16	8.42	8.37	32.45	15.62	2.84	6	0.279	SE	/
C1	20220226	Cloudy	Moderate	Mid-Flood	Bottom	20.1	9:16	8.38	8.35	32.23	15.71	2.70	4	0.281	SE	/
C2	20220226	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.77	8.38	33.02	15.40	2.96	24	0.283	E	/
C2	20220226	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.73	8.38	33.11	15.45	2.99	28	0.267	SE	/
C2	20220226	Cloudy	Moderate	Mid-Flood	Middle	11.95	8:01	8.67	8.35	33.19	15.51	3.14	7	0.291	SE	/
C2	20220226	Cloudy	Moderate	Mid-Flood	Middle	11.95	8:01	8.76	8.40	33.08	15.44	3.18	7	0.311	E	/
C2	20220226	Cloudy	Moderate	Mid-Flood	Bottom	22.9	8:00	8.71	8.37	32.98	15.41	3.07	15	0.267	SE	/
C2	20220226	Cloudy	Moderate	Mid-Flood	Bottom	22.9	8:00	8.74	8.40	33.10	15.44	2.88	15	0.267	SE	/
M1	20220226	Cloudy	Moderate	Mid-Flood	Surface	1	8:40	8.42	8.32	33.38	15.65	1.55	5	0.296	E	/
M1	20220226	Cloudy	Moderate	Mid-Flood	Surface	1	8:40	8.47	8.33	33.14	15.60	1.39	4	0.285	SE	/
M1	20220226	Cloudy	Moderate	Mid-Flood	Middle	3.5	8:39	8.41	8.40	33.32	15.69	1.73	6	0.281	SE	/
M1	20220226	Cloudy	Moderate	Mid-Flood	Middle	3.5	8:39	8.42	8.31	33.22	15.58	1.74	6	0.264	SE	/
M1	20220226	Cloudy	Moderate	Mid-Flood	Bottom	6	8:38	8.36	8.39	33.36	15.65	1.56	3	0.292	E	/
M1	20220226	Cloudy	Moderate	Mid-Flood	Bottom	6	8:38	8.36	8.31	33.26	15.67	1.44	3	0.263	E	/
M2	20220226	Cloudy	Moderate	Mid-Flood	Surface	1	8:58	8.10	8.32	32.94	15.55	1.73	3	0.267	E	/
M2	20220226	Cloudy	Moderate	Mid-Flood	Surface	1	8:58	8.18	8.38	33.16	15.63	1.55	5	0.304	E	/
M2	20220226	Cloudy	Moderate	Mid-Flood	Middle	6.25	8:57	8.13	8.37	32.92	15.55	1.83	4	0.274	E	/
M2	20220226	Cloudy	Moderate	Mid-Flood	Middle	6.25	8:57	8.21	8.32	32.94	15.55	1.64	4	0.297	E	/
M2	20220226	Cloudy	Moderate	Mid-Flood	Bottom	11.5	8:56	8.22	8.38	33.01	15.51	1.94	9	0.310	SE	/
M2	20220226	Cloudy	Moderate	Mid-Flood	Bottom	11.5	8:56	8.17	8.31	33.08	15.53	1.86	14	0.277	SE	/
M3	20220226	Cloudy	Moderate	Mid-Flood	Surface	1	8:23	9.00	8.35	33.53	15.79	2.31	3	0.300	E	/
M3	20220226	Cloudy	Moderate	Mid-Flood	Surface	1	8:23	9.00	8.34	33.73	15.71	2.45	3	0.282	SE	/
M3	20220226	Cloudy	Moderate	Mid-Flood	Middle	3.45	8:22	8.97	8.33	33.56	15.77	2.47	12	0.266	SE	/
M3	20220226	Cloudy	Moderate	Mid-Flood	Middle	3.45	8:22	8.99	8.37	33.75	15.69	2.29	7	0.308	SE	/
M3	20220226	Cloudy	Moderate	Mid-Flood	Bottom	5.9	8:21	9.01	8.35	33.61	15.73	2.65	3	0.308	SE	/
M3	20220226	Cloudy	Moderate	Mid-Flood	Bottom	5.9	8:21	8.86	8.31	33.69	15.71	2.29	3	0.266	SE	/
M4	20220226	Cloudy	Moderate	Mid-Flood	Surface	1	9:36	8.89	8.37	32.43	15.79	2.25	16	0.265	E	/
M4	20220226	Cloudy	Moderate	Mid-Flood	Surface	1	9:36	8.83	8.33	32.60	15.70	2.14	20	0.308	SE	/
M4	20220226	Cloudy	Moderate	Mid-Flood	Bottom	4.7	9:35	8.77	8.35	32.45	15.66	2.43	4	0.297	E	/
M4	20220226	Cloudy	Moderate	Mid-Flood	Bottom	4.7	9:35	8.77	8.36	32.45	15.77	2.43	4	0.266	SE	/

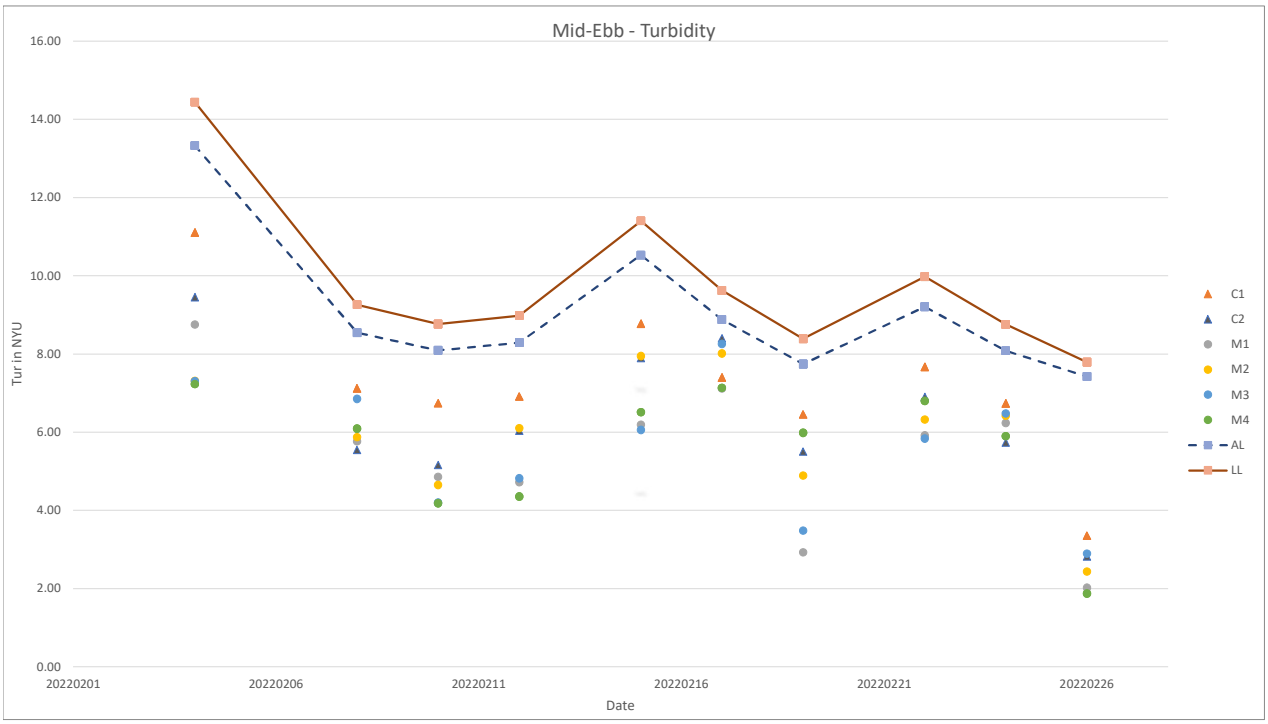

Mid-Flood - DO (Surface and Middle)
DO in mg/L
10.00
9.50
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
20220201
20220206
20220211
20220216
20220221
20220226
Date
C1
C2
M1
M2
M3
M4
AL
LL

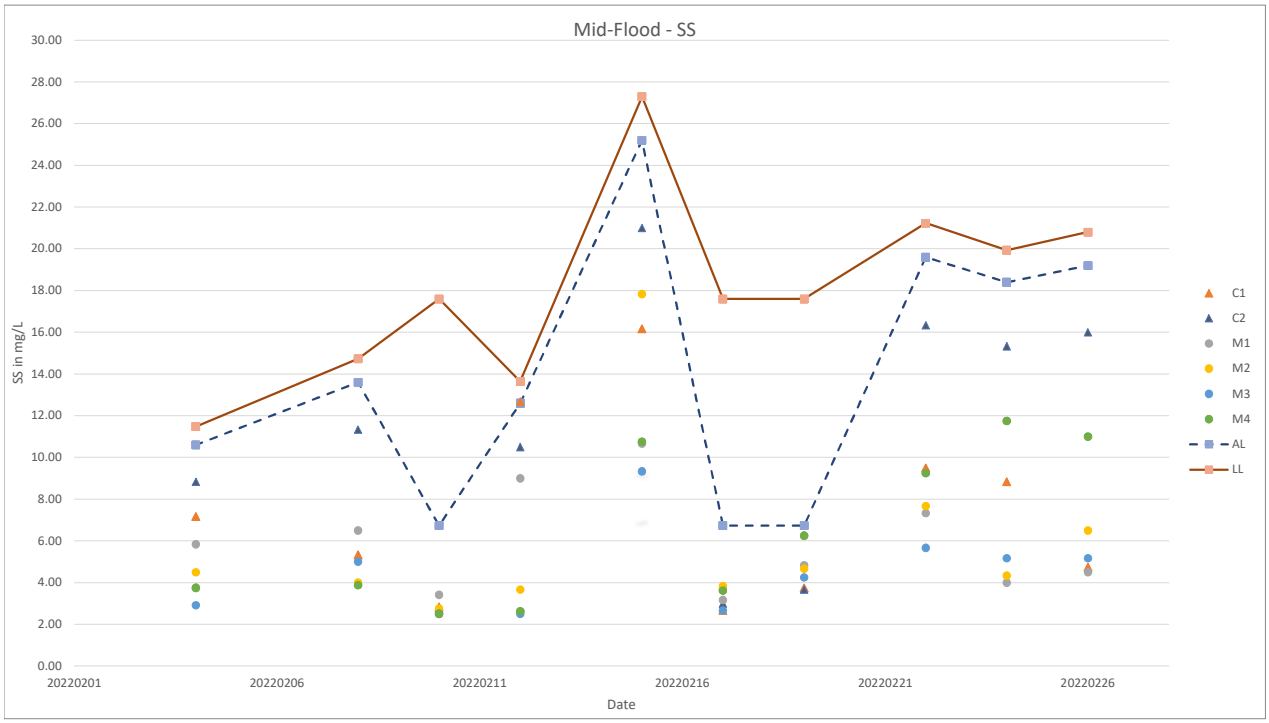

Mid-Ebb - DO (Surface and Middle)
DO in mg/L
10.00
9.50
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
20220201
20220206
20220211
20220216
20220221
20220226
Date
C1
C2
M1
M2
M3
M4
AL
LL

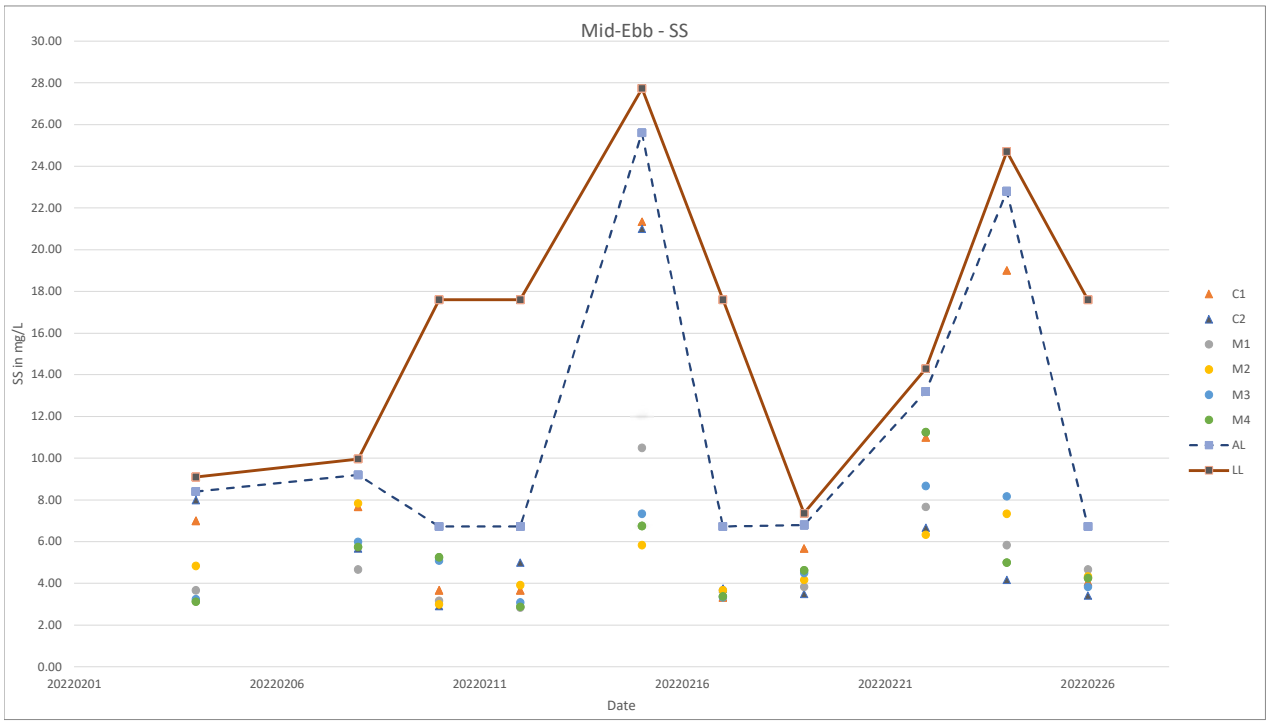

Mid-Flood - DO (Bottom)
DO in mg/L
10.50
10.00
9.50
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
20220201
20220206
20220211
20220216
20220221
20220226
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Ebb - DO (Bottom)
DO in mg/L
10.50
10.00
9.50
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
20220201
20220206
20220211
20220216
20220221
20220226
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Flood - Turbidity
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Tur in NTU
20220201
20220206
20220211
20220216
20220221
20220226
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Ebb - Turbidity
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Tur in NYU
20220201
20220206
20220211
20220216
20220221
20220226
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Flood - SS
SS in mg/L
30.00
28.00
26.00
24.00
22.00
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
20220201
20220206
20220211
20220216
20220221
20220226
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Ebb - SS
SS in mg/L
30.00
28.00
26.00
24.00
22.00
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
20220201
20220206
20220211
20220216
20220221
20220226
Date
C1
C2
M1
M2
M3
M4
AL
LL