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	20220301	Sunny	Moderate	Mid-Ebb	Surface	1	10:00	8.46	8.35	31.70	18.65	4.48	2.5	0.301	E	/
C1	20220301	Sunny	Moderate	Mid-Ebb	Surface	1	10:00	8.49	8.35	31.76	18.56	4.26	3	0.287	SE	/
C1	20220301	Sunny	Moderate	Mid-Ebb	Middle	10.25	9:59	8.54	8.33	31.87	18.60	4.35	5	0.292	E	/
C1	20220301	Sunny	Moderate	Mid-Ebb	Middle	10.25	9:59	8.52	8.35	31.73	18.55	4.29	5	0.276	SE	/
C1	20220301	Sunny	Moderate	Mid-Ebb	Bottom	19.5	9:58	8.57	8.31	31.73	18.48	4.45	2.5	0.280	E	/
C1	20220301	Sunny	Moderate	Mid-Ebb	Bottom	19.5	9:58	8.70	8.24	31.79	18.48	4.60	4	0.265	SE	/
C2	20220301	Sunny	Moderate	Mid-Ebb	Surface	1	11:01	9.35	8.12	31.83	18.49	3.27	4	0.291	SE	/
C2	20220301	Sunny	Moderate	Mid-Ebb	Surface	1	11:01	9.38	8.23	31.79	18.41	3.62	2.5	0.286	SE	/
C2	20220301	Sunny	Moderate	Mid-Ebb	Middle	12.75	11:00	9.33	8.23	31.79	18.62	3.67	5	0.295	E	/
C2	20220301	Sunny	Moderate	Mid-Ebb	Middle	12.75	11:00	9.42	8.14	31.87	18.51	3.66	5	0.266	SE	/
C2	20220301	Sunny	Moderate	Mid-Ebb	Bottom	24.5	10:59	9.34	8.10	31.82	18.52	3.84	6	0.296	E	/
C2	20220301	Sunny	Moderate	Mid-Ebb	Bottom	24.5	10:59	9.46	8.11	31.91	18.40	3.64	3	0.285	E	/
M1	20220301	Sunny	Moderate	Mid-Ebb	Surface	1	10:28	8.47	8.34	31.09	18.40	2.52	5	0.296	SE	/
M1	20220301	Sunny	Moderate	Mid-Ebb	Surface	1	10:28	8.66	8.33	31.00	18.63	2.84	3	0.285	SE	/
M1	20220301	Sunny	Moderate	Mid-Ebb	Middle	3.7	10:27	8.63	8.35	30.99	18.53	2.62	4	0.268	SE	/
M1	20220301	Sunny	Moderate	Mid-Ebb	Middle	3.7	10:27	8.56	8.26	31.21	18.40	2.44	5	0.301	SE	/
M1	20220301	Sunny	Moderate	Mid-Ebb	Bottom	6.4	10:26	8.49	8.30	30.97	18.48	2.76	4	0.294	E	/
M1	20220301	Sunny	Moderate	Mid-Ebb	Bottom	6.4	10:26	8.64	8.31	31.04	18.56	2.44	4	0.292	E	/
M2	20220301	Sunny	Moderate	Mid-Ebb	Surface	1	10:14	8.41	8.21	31.67	18.62	1.66	4	0.287	SE	/
M2	20220301	Sunny	Moderate	Mid-Ebb	Surface	1	10:14	8.57	8.17	31.51	18.58	1.53	5	0.282	E	/
M2	20220301	Sunny	Moderate	Mid-Ebb	Middle	6.35	10:13	8.57	8.24	31.43	18.50	1.74	7	0.271	E	/
M2	20220301	Sunny	Moderate	Mid-Ebb	Middle	6.35	10:13	8.54	8.15	31.63	18.62	1.60	4	0.270	E	/
M2	20220301	Sunny	Moderate	Mid-Ebb	Bottom	11.7	10:12	8.33	8.20	31.54	18.49	1.54	3	0.266	E	/
M2	20220301	Sunny	Moderate	Mid-Ebb	Bottom	11.7	10:12	8.55	8.19	31.70	18.48	1.65	4	0.266	SE	/
M3	20220301	Sunny	Moderate	Mid-Ebb	Surface	1	10:45	8.61	8.11	31.17	18.54	2.71	4	0.294	SE	/
M3	20220301	Sunny	Moderate	Mid-Ebb	Surface	1	10:45	8.62	8.18	31.26	18.41	2.93	3	0.269	SE	/
M3	20220301	Sunny	Moderate	Mid-Ebb	Middle	4.05	10:44	8.42	8.18	31.21	18.56	2.61	5	0.265	SE	/
M3	20220301	Sunny	Moderate	Mid-Ebb	Middle	4.05	10:44	8.56	8.15	31.03	18.54	2.68	4	0.273	SE	/
M3	20220301	Sunny	Moderate	Mid-Ebb	Bottom	7.1	10:43	8.42	8.16	31.19	18.58	2.61	10	0.279	SE	/
M3	20220301	Sunny	Moderate	Mid-Ebb	Bottom	7.1	10:43	8.40	8.10	31.25	18.46	2.59	6	0.265	SE	/
M4	20220301	Sunny	Moderate	Mid-Ebb	Surface	1	11:31	8.83	8.31	31.30	18.47	3.33	4	0.300	SE	/
M4	20220301	Sunny	Moderate	Mid-Ebb	Surface	1	11:31	8.81	8.28	31.35	18.38	3.07	3	0.277	SE	/
M4	20220301	Sunny	Moderate	Mid-Ebb	Bottom	3.9	11:30	8.99	8.31	31.27	18.42	2.97	4	0.273	SE	/
M4	20220301	Sunny	Moderate	Mid-Ebb	Bottom	3.9	11:30	8.97	8.33	31.23	18.49	3.07	2.5	0.289	SE	/
C1	20220303	Cloudy	Moderate	Mid-Ebb	Surface	1	11:19	8.94	8.19	29.43	19.31	4.93	3	0.279	SE	/
C1	20220303	Cloudy	Moderate	Mid-Ebb	Surface	1	11:19	9.09	8.29	29.29	19.26	4.90	4	0.280	E	/
C1	20220303	Cloudy	Moderate	Mid-Ebb	Middle	11.2	11:18	9.04	8.21	29.27	19.24	5.87	4	0.266	E	/
C1	20220303	Cloudy	Moderate	Mid-Ebb	Middle	11.2	11:18	9.12	8.17	29.38	19.34	5.99	4	0.284	SE	/
C1	20220303	Cloudy	Moderate	Mid-Ebb	Bottom	21.4	11:17	9.04	8.21	29.30	19.32	6.86	2.5	0.280	SE	/
C1	20220303	Cloudy	Moderate	Mid-Ebb	Bottom	21.4	11:17	8.94	8.26	29.48	19.22	6.48	2.5	0.301	SE	/
C2	20220303	Cloudy	Moderate	Mid-Ebb	Surface	1	12:22	8.53	8.01	30.45	19.15	4.85	4	0.292	SE	/
C2	20220303	Cloudy	Moderate	Mid-Ebb	Surface	1	12:22	8.40	8.09	30.60	19.18	4.80	3	0.290	SE	/
C2	20220303	Cloudy	Moderate	Mid-Ebb	Middle	12.2	12:21	8.49	7.97	30.55	19.10	4.84	2.5	0.269	E	/
C2	20220303	Cloudy	Moderate	Mid-Ebb	Middle	12.2	12:21	8.57	8.01	30.45	19.15	5.05	3	0.298	SE	/
C2	20220303	Cloudy	Moderate	Mid-Ebb	Bottom	23.4	12:20	8.53	8.07	30.48	19.01	5.41	4	0.299	E	/
C2	20220303	Cloudy	Moderate	Mid-Ebb	Bottom	23.4	12:20	8.47	8.05	30.39	19.18	5.30	4	0.271	SE	/
M1	20220303	Cloudy	Moderate	Mid-Ebb	Surface	1	11:52	8.04	8.11	29.67	19.20	4.75	3	0.281	E	/
M1	20220303	Cloudy	Moderate	Mid-Ebb	Surface	1	11:52	8.09	8.14	29.66	19.14	4.78	3	0.297	SE	/
M1	20220303	Cloudy	Moderate	Mid-Ebb	Middle	3.7	11:51	8.02	8.12	29.80	19.16	5.04	6	0.280	E	/
M1	20220303	Cloudy	Moderate	Mid-Ebb	Middle	3.7	11:51	8.04	8.16	29.73	19.20	5.06	5	0.294	E	/
M1	20220303	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	11:50	7.98	8.06	29.83	19.30	4.77	3	0.288	SE	/
M1	20220303	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	11:50	8.06	8.15	29.62	19.25	4.82	5	0.265	SE	/
M2	20220303	Cloudy	Moderate	Mid-Ebb	Surface	1	11:36	8.04	7.98	30.25	19.30	4.81	2.5	0.266	E	/
M2	20220303	Cloudy	Moderate	Mid-Ebb	Surface	1	11:36	8.05	8.04	30.28	19.20	4.95	4	0.283	SE	/
M2	20220303	Cloudy	Moderate	Mid-Ebb	Middle	6.85	11:35	8.07	8.11	30.45	19.31	4.54	5	0.269	SE	/
M2	20220303	Cloudy	Moderate	Mid-Ebb	Middle	6.85	11:35	8.01	8.07	30.27	19.27	4.57	5	0.282	E	/
M2	20220303	Cloudy	Moderate	Mid-Ebb	Bottom	12.7	11:34	8.04	8.01	30.24	19.30	4.78	3	0.299	SE	/
M2	20220303	Cloudy	Moderate	Mid-Ebb	Bottom	12.7	11:34	8.08	8.05	30.19	19.26	4.93	3	0.299	SE	/
M3	20220303	Cloudy	Moderate	Mid-Ebb	Surface	1	12:08	8.83	8.19	30.65	19.18	4.53	2.5	0.287	SE	/
M3	20220303	Cloudy	Moderate	Mid-Ebb	Surface	1	12:08	8.89	8.11	30.41	19.27	4.29	2.5	0.266	SE	/
M3	20220303	Cloudy	Moderate	Mid-Ebb	Middle	3.75	12:07	8.86	8.11	30.63	19.18	4.76	6	0.296	E	/
M3	20220303	Cloudy	Moderate	Mid-Ebb	Middle	3.75	12:07	8.88	8.17	30.48	19.31	4.46	6	0.274	E	/
M3	20220303	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	12:06	8.74	8.16	30.59	19.17	4.68	2.5	0.295	E	/
M3	20220303	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	12:06	8.69	8.18	30.59	19.30	4.53	3	0.297	SE	/
M4	20220303	Cloudy	Moderate	Mid-Ebb	Surface	1	12:41	8.54	8.17	30.35	19.23	5.18	5	0.268	SE	/
M4	20220303	Cloudy	Moderate	Mid-Ebb	Surface	1	12:41	8.43	8.22	30.36	19.24	5.21	7	0.282	E	/
M4	20220303	Cloudy	Moderate	Mid-Ebb	Bottom	3.5	12:40	8.41	8.21	30.21	19.32	5.27	3	0.294	SE	/
M4	20220303	Cloudy	Moderate	Mid-Ebb	Bottom	3.5	12:40	8.36	8.29	30.16	19.30	5.35	3	0.283	E	/
C1	20220305	Cloudy	Moderate	Mid-Ebb	Surface	1	12:30	9.18	8.17	32.70	20.01	4.97	3	0.291	SE	/
C1	20220305	Cloudy	Moderate	Mid-Ebb	Surface	1	12:30	9.16	8.22	32.76	19.94	4.80	3	0.301	E	/
C1	20220305	Cloudy	Moderate	Mid-Ebb	Middle	11.35	12:29	9.18	8.25	32.73	20.05	5.10	3	0.296	SE	/
C1	20220305	Cloudy	Moderate	Mid-Ebb	Middle	11.35	12:29	9.16	8.19	33.26	20.18	5.07	3	0.287	SE	/
C1	20220305	Cloudy	Moderate	Mid-Ebb	Bottom	21.7	12:28	9.02	8.32	32.75	20.04	5.22	5	0.277	SE	/
C1	20220305	Cloudy	Moderate	Mid-Ebb	Bottom	21.7	12:28	9.14	8.31	33.34	20.15	5.36	3	0.301	SE	/
C2	20220305	Cloudy	Moderate	Mid-Ebb	Surface	1	13:38	8.39	8.17	32.88	20.19	3.77	4	0.274	E	/
C2	20220305	Cloudy	Moderate	Mid-Ebb	Surface	1	13:38	8.50	8.30	32.85	20.19	3.85	2.5	0.288	SE	/
C2	20220305	Cloudy	Moderate	Mid-Ebb	Middle	11.5	13:37	8.39	8.31	32.83	20.24	4.04	3	0.299	SE	/
C2	20220305	Cloudy	Moderate	Mid-Ebb	Middle	11.5	13:37	8.57	8.30	32.86	20.01	4.60	5	0.281	E	/
C2	20220305	Cloudy	Moderate	Mid-Ebb	Bottom	22	13:36	8.45	8.27	32.82	20.26	4.92	3	0.273	SE	/
C2	20220305	Cloudy	Moderate	Mid-Ebb	Bottom	22	13:36	8.47	8.24	32.93	20.09	4.79	3	0.264	E	/
M1	20220305	Cloudy	Moderate	Mid-Ebb	Surface	1	13:03	8.19	8.20	33.49	20.01	3.06	4	0.287	SE	/
M1	20220305	Cloudy	Moderate	Mid-Ebb	Surface	1	13:03	8.23	8.31	33.47	20.14	3.14	3	0.296	SE	/
M1	20220305	Cloudy	Moderate	Mid-Ebb	Middle	3.3	13:02	8.09	8.31	33.37	20.14	3.33	4	0.269	E	/
M1	20220305	Cloudy	Moderate	Mid-Ebb	Middle	3.3	13:02	8.05	8.31	33.36	19.92	3.11	3	0.285	E	/
M1	20220305	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	13:01	8.26	8.24	33.29	20.14	3.46	3	0.289	SE	/
M1	20220305	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	13:01	8.24	8.32	33.42	19.86	3.53	3	0.287	SE	/
M2	20220305	Cloudy	Moderate	Mid-Ebb	Surface	1	12:46	8.49	8.38	33.23	20.37	3.32	3	0.284	SE	/
M2	20220305	Cloudy	Moderate	Mid-Ebb	Surface	1	12:46	8.32	8.33	32.69	20.13	3.07	4	0.297	E	/
M2	20220305	Cloudy	Moderate	Mid-Ebb	Middle	6.1	12:45	8.35	8.36	33.20	20.39	3.41	4	0.299	SE	/
M2	20220305	Cloudy	Moderate	Mid-Ebb	Middle	6.1	12:45	8.47	8.44	33.16	20.38	2.95	4	0.298	E	/
M2	20220305	Cloudy	Moderate	Mid-Ebb	Bottom	11.2	12:44	8.42	8.36	33.29	20.16	3.23	4	0.287	E	/
M2	20220305	Cloudy	Moderate	Mid-Ebb	Bottom	11.2	12:44	8.48	8.36	33.17	20.10	3.14	3	0.288	E	/
M3	20220305	Cloudy	Moderate	Mid-Ebb	Surface	1	13:20	8.56	8.34	33.06	20.22	3.31	3	0.270	SE	/
M3	20220305	Cloudy	Moderate	Mid-Ebb	Surface	1	13:20	8.51	8.26	33.24	20.08	3.61	2.5	0.272	SE	/
M3	20220305	Cloudy	Moderate	Mid-Ebb	Middle	4.05	13:19	8.48	8.19	33.18	20.22	3.68	2.5	0.273	E	/
M3	20220305	Cloudy	Moderate	Mid-Ebb	Middle	4.05	13:19	8.35	8.33	33.14	20.13	3.37	2.5	0.273	SE	/
M3	20220305	Cloudy	Moderate	Mid-Ebb	Bottom	7.1	13:18	8.34	8.22	33.20	20.09	3.44	2.5	0.266	SE	/
M3	20220305	Cloudy	Moderate	Mid-Ebb	Bottom	7.1	13:18	8.36	8.27	33.28	20.14	3.46	2.5	0.265	SE	/
M4	20220305	Cloudy	Moderate	Mid-Ebb	Surface	1	14:00	9.04	8.37	33.36	20.30	3.76	2.5	0.266	SE	/
M4	20220305	Cloudy	Moderate	Mid-Ebb	Surface	1	14:00	9.19	8.29	33.28	20.13	3.75	2.5	0.299	SE	/
M4	20220305	Cloudy	Moderate	Mid-Ebb	Bottom	3.6	13:59	8.94	8.27	32.76	20.12	3.64	2.5	0.300	SE	/
M4	20220305	Cloudy	Moderate	Mid-Ebb	Bottom	3.6	13:59	9.18	8.32	32.69	20.17	3.28	2.5	0.288	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	20220308	Sunny	Moderate	Mid-Ebb	Surface	1	14:18	10.49	8.33	32.04	17.54	6.28	2.5	0.293	SE	/
C1	20220308	Sunny	Moderate	Mid-Ebb	Surface	1	14:18	10.37	8.23	32.12	17.36	6.34	2.5	0.268	E	/
C1	20220308	Sunny	Moderate	Mid-Ebb	Middle	11.4	14:17	10.42	8.26	32.26	17.50	6.00	3	0.300	E	/
C1	20220308	Sunny	Moderate	Mid-Ebb	Middle	11.4	14:17	10.60	8.32	32.27	17.38	6.55	2.5	0.274	E	/
C1	20220308	Sunny	Moderate	Mid-Ebb	Bottom	21.8	14:16	10.36	8.33	32.07	17.54	6.98	3	0.289	E	/
C1	20220308	Sunny	Moderate	Mid-Ebb	Bottom	21.8	14:16	10.51	8.23	32.36	17.45	6.03	3	0.287	SE	/
C2	20220308	Sunny	Moderate	Mid-Ebb	Surface	1	15:31	10.16	8.17	33.30	17.34	5.87	6	0.280	SE	/
C2	20220308	Sunny	Moderate	Mid-Ebb	Surface	1	15:31	9.99	8.20	33.09	17.39	5.96	5	0.276	SE	/
C2	20220308	Sunny	Moderate	Mid-Ebb	Middle	10.6	15:30	10.15	8.26	33.32	17.29	5.67	4	0.274	E	/
C2	20220308	Sunny	Moderate	Mid-Ebb	Middle	10.6	15:30	9.95	8.20	33.06	17.36	5.89	4	0.271	E	/
C2	20220308	Sunny	Moderate	Mid-Ebb	Bottom	20.2	15:29	9.85	8.16	33.26	17.42	5.66	2.5	0.268	SE	/
C2	20220308	Sunny	Moderate	Mid-Ebb	Bottom	20.2	15:29	10.17	8.20	33.15	17.33	5.49	2.5	0.299	SE	/
M1	20220308	Sunny	Moderate	Mid-Ebb	Surface	1	14:57	9.86	8.41	32.72	17.62	4.02	3	0.272	E	/
M1	20220308	Sunny	Moderate	Mid-Ebb	Surface	1	14:57	9.90	8.45	32.99	17.57	3.91	3	0.288	E	/
M1	20220308	Sunny	Moderate	Mid-Ebb	Middle	3.55	14:56	10.06	8.45	33.03	17.55	4.35	2.5	0.297	E	/
M1	20220308	Sunny	Moderate	Mid-Ebb	Middle	3.55	14:56	9.87	8.34	32.74	17.51	4.25	3	0.278	E	/
M1	20220308	Sunny	Moderate	Mid-Ebb	Bottom	6.1	14:55	10.06	8.46	32.70	17.62	4.00	2.5	0.274	SE	/
M1	20220308	Sunny	Moderate	Mid-Ebb	Bottom	6.1	14:55	9.88	8.37	33.01	17.56	3.93	2.5	0.278	SE	/
M2	20220308	Sunny	Moderate	Mid-Ebb	Surface	1	14:40	9.85	8.15	32.87	17.65	3.61	2.5	0.278	E	/
M2	20220308	Sunny	Moderate	Mid-Ebb	Surface	1	14:40	9.79	8.23	32.80	17.55	3.86	2.5	0.275	SE	/
M2	20220308	Sunny	Moderate	Mid-Ebb	Middle	6.55	14:39	9.83	8.15	32.67	17.43	3.79	3	0.271	SE	/
M2	20220308	Sunny	Moderate	Mid-Ebb	Middle	6.55	14:39	9.92	8.13	32.78	17.45	3.89	3	0.271	SE	/
M2	20220308	Sunny	Moderate	Mid-Ebb	Bottom	12.1	14:38	9.81	8.22	32.72	17.41	3.76	6	0.275	SE	/
M2	20220308	Sunny	Moderate	Mid-Ebb	Bottom	12.1	14:38	9.84	8.15	32.97	17.45	3.79	4	0.287	E	/
M3	20220308	Sunny	Moderate	Mid-Ebb	Surface	1	15:13	9.89	8.16	32.53	17.50	4.06	3	0.274	E	/
M3	20220308	Sunny	Moderate	Mid-Ebb	Surface	1	15:13	10.07	8.30	32.48	17.70	4.05	2.5	0.280	SE	/
M3	20220308	Sunny	Moderate	Mid-Ebb	Middle	4	15:12	9.90	8.16	32.65	17.65	4.11	2.5	0.281	SE	/
M3	20220308	Sunny	Moderate	Mid-Ebb	Middle	4	15:12	9.83	8.28	32.28	17.51	3.97	3	0.267	SE	/
M3	20220308	Sunny	Moderate	Mid-Ebb	Bottom	7	15:11	9.94	8.20	32.38	17.70	4.26	3	0.290	E	/
M3	20220308	Sunny	Moderate	Mid-Ebb	Bottom	7	15:11	10.04	8.27	32.38	17.73	4.34	3	0.288	SE	/
M4	20220308	Sunny	Moderate	Mid-Ebb	Surface	1	15:55	9.94	8.40	32.34	17.55	4.08	3	0.268	SE	/
M4	20220308	Sunny	Moderate	Mid-Ebb	Surface	1	15:55	9.88	8.41	32.23	17.54	4.08	3	0.283	SE	/
M4	20220308	Sunny	Moderate	Mid-Ebb	Bottom	4.6	15:54	9.86	8.44	32.32	17.77	4.15	3	0.268	SE	/
M4	20220308	Sunny	Moderate	Mid-Ebb	Bottom	4.6	15:54	9.75	8.35	32.51	17.65	4.38	3	0.279	SE	/
C1	20220310	Sunny	Moderate	Mid-Ebb	Surface	1	16:17	9.61	8.37	32.08	17.57	3.62	3	0.266	SE	/
C1	20220310	Sunny	Moderate	Mid-Ebb	Surface	1	16:17	9.69	8.35	32.20	17.46	3.62	3	0.298	SE	/
C1	20220310	Sunny	Moderate	Mid-Ebb	Middle	11.55	16:16	9.59	8.37	32.18	17.53	4.04	2.5	0.294	SE	/
C1	20220310	Sunny	Moderate	Mid-Ebb	Middle	11.55	16:16	9.60	8.37	32.35	17.46	3.97	3	0.278	E	/
C1	20220310	Sunny	Moderate	Mid-Ebb	Bottom	22.1	16:15	9.59	8.28	32.32	17.42	3.82	3	0.268	E	/
C1	20220310	Sunny	Moderate	Mid-Ebb	Bottom	22.1	16:15	9.65	8.33	32.12	17.48	3.96	3	0.289	SE	/
C2	20220310	Sunny	Moderate	Mid-Ebb	Surface	1	17:24	9.17	8.32	31.60	17.58	3.22	3	0.265	SE	/
C2	20220310	Sunny	Moderate	Mid-Ebb	Surface	1	17:24	9.17	8.27	31.91	17.63	3.13	4	0.295	SE	/
C2	20220310	Sunny	Moderate	Mid-Ebb	Middle	10.95	17:23	9.18	8.26	31.70	17.57	3.27	3	0.269	SE	/
C2	20220310	Sunny	Moderate	Mid-Ebb	Middle	10.95	17:23	9.21	8.31	31.77	17.74	3.12	2.5	0.287	SE	/
C2	20220310	Sunny	Moderate	Mid-Ebb	Bottom	20.9	17:22	9.27	8.37	31.63	17.78	3.18	2.5	0.268	SE	/
C2	20220310	Sunny	Moderate	Mid-Ebb	Bottom	20.9	17:22	9.18	8.29	31.73	17.74	3.07	2.5	0.280	E	/
M1	20220310	Sunny	Moderate	Mid-Ebb	Surface	1	16:51	9.27	8.34	31.89	17.80	2.30	2.5	0.293	SE	/
M1	20220310	Sunny	Moderate	Mid-Ebb	Surface	1	16:51	9.29	8.31	32.14	17.81	2.54	2.5	0.268	E	/
M1	20220310	Sunny	Moderate	Mid-Ebb	Middle	3.7	16:50	9.32	8.28	32.02	17.81	2.52	2.5	0.278	SE	/
M1	20220310	Sunny	Moderate	Mid-Ebb	Middle	3.7	16:50	9.27	8.35	32.15	17.78	2.32	2.5	0.299	E	/
M1	20220310	Sunny	Moderate	Mid-Ebb	Bottom	6.4	16:49	9.25	8.24	32.14	17.80	2.44	2.5	0.279	E	/
M1	20220310	Sunny	Moderate	Mid-Ebb	Bottom	6.4	16:49	9.34	8.32	32.05	17.87	2.63	2.5	0.300	SE	/
M2	20220310	Sunny	Moderate	Mid-Ebb	Surface	1	16:35	10.11	8.36	32.18	17.52	2.39	2.5	0.287	SE	/
M2	20220310	Sunny	Moderate	Mid-Ebb	Surface	1	16:35	10.02	8.34	32.00	17.72	2.37	2.5	0.276	E	/
M2	20220310	Sunny	Moderate	Mid-Ebb	Middle	6.3	16:34	10.08	8.29	31.96	17.66	2.09	2.5	0.273	SE	/
M2	20220310	Sunny	Moderate	Mid-Ebb	Middle	6.3	16:34	10.21	8.27	32.02	17.66	2.37	2.5	0.279	SE	/
M2	20220310	Sunny	Moderate	Mid-Ebb	Bottom	11.6	16:33	10.07	8.28	32.04	17.55	2.48	2.5	0.263	SE	/
M2	20220310	Sunny	Moderate	Mid-Ebb	Bottom	11.6	16:33	10.09	8.20	32.19	17.60	2.33	2.5	0.270	SE	/
M3	20220310	Sunny	Moderate	Mid-Ebb	Surface	1	17:06	9.35	8.21	31.55	17.70	2.13	2.5	0.293	SE	/
M3	20220310	Sunny	Moderate	Mid-Ebb	Surface	1	17:06	9.39	8.04	31.29	17.71	2.04	2.5	0.274	E	/
M3	20220310	Sunny	Moderate	Mid-Ebb	Middle	3.2	17:05	9.24	8.20	31.29	17.68	2.06	3	0.299	SE	/
M3	20220310	Sunny	Moderate	Mid-Ebb	Middle	3.2	17:05	9.40	8.22	31.47	17.72	1.87	4	0.274	SE	/
M3	20220310	Sunny	Moderate	Mid-Ebb	Bottom	5.4	17:04	9.37	8.11	31.58	17.53	2.05	2.5	0.274	E	/
M3	20220310	Sunny	Moderate	Mid-Ebb	Bottom	5.4	17:04	9.37	8.18	31.29	17.55	2.17	2.5	0.280	SE	/
M4	20220310	Sunny	Moderate	Mid-Ebb	Surface	1	17:41	10.03	8.21	32.13	17.74	2.84	2.5	0.285	SE	/
M4	20220310	Sunny	Moderate	Mid-Ebb	Surface	1	17:41	10.08	8.25	32.26	17.78	2.62	2.5	0.277	E	/
M4	20220310	Sunny	Moderate	Mid-Ebb	Bottom	4.7	17:40	10.16	8.23	32.17	17.93	2.46	2.5	0.277	E	/
M4	20220310	Sunny	Moderate	Mid-Ebb	Bottom	4.7	17:40	10.05	8.16	32.20	17.83	2.54	2.5	0.296	E	/
C1	20220312	Sunny	Moderate	Mid-Ebb	Surface	1	16:25	9.62	8.26	33.11	18.71	4.04	5	0.292	SE	/
C1	20220312	Sunny	Moderate	Mid-Ebb	Surface	1	16:25	9.74	8.29	32.95	18.69	4.14	7	0.279	SE	/
C1	20220312	Sunny	Moderate	Mid-Ebb	Middle	11.1	16:24	9.66	8.35	33.00	18.73	3.98	6	0.296	SE	/
C1	20220312	Sunny	Moderate	Mid-Ebb	Middle	11.1	16:24	9.78	8.38	33.01	18.58	3.90	6	0.296	SE	/
C1	20220312	Sunny	Moderate	Mid-Ebb	Bottom	21.2	16:23	9.67	8.36	33.12	18.66	3.42	7	0.299	SE	/
C1	20220312	Sunny	Moderate	Mid-Ebb	Bottom	21.2	16:23	9.69	8.37	33.18	18.56	3.26	8	0.293	SE	/
C2	20220312	Sunny	Moderate	Mid-Ebb	Surface	1	17:31	9.52	8.17	32.16	18.55	2.59	6	0.265	SE	/
C2	20220312	Sunny	Moderate	Mid-Ebb	Surface	1	17:31	9.46	8.11	32.08	18.50	2.81	5	0.290	SE	/
C2	20220312	Sunny	Moderate	Mid-Ebb	Middle	12.8	17:30	9.44	8.13	32.01	18.61	2.69	6	0.282	SE	/
C2	20220312	Sunny	Moderate	Mid-Ebb	Middle	12.8	17:30	9.45	8.12	31.99	18.62	2.76	6	0.292	E	/
C2	20220312	Sunny	Moderate	Mid-Ebb	Bottom	24.6	17:29	9.39	8.10	32.20	18.57	2.94	7	0.287	SE	/
C2	20220312	Sunny	Moderate	Mid-Ebb	Bottom	24.6	17:29	9.50	8.15	32.23	18.66	2.88	5	0.285	SE	/
M1	20220312	Sunny	Moderate	Mid-Ebb	Surface	1	16:58	9.29	8.23	32.30	18.49	2.81	5	0.290	SE	/
M1	20220312	Sunny	Moderate	Mid-Ebb	Surface	1	16:58	9.25	8.16	32.24	18.47	2.67	7	0.288	SE	/
M1	20220312	Sunny	Moderate	Mid-Ebb	Middle	3.5	16:57	9.34	8.19	32.26	18.50	2.63	7	0.264	E	/
M1	20220312	Sunny	Moderate	Mid-Ebb	Middle	3.5	16:57	9.43	8.16	32.33	18.52	2.81	6	0.301	SE	/
M1	20220312	Sunny	Moderate	Mid-Ebb	Bottom	6	16:56	9.35	8.20	32.18	18.57	2.63	7	0.271	E	/
M1	20220312	Sunny	Moderate	Mid-Ebb	Bottom	6	16:56	9.37	8.22	32.22	18.55	2.76	8	0.276	SE	/
M2	20220312	Sunny	Moderate	Mid-Ebb	Surface	1	16:42	8.85	8.24	32.21	18.41	1.77	5	0.268	E	/
M2	20220312	Sunny	Moderate	Mid-Ebb	Surface	1	16:42	8.76	8.28	32.29	18.50	1.68	7	0.273	E	/
M2	20220312	Sunny	Moderate	Mid-Ebb	Middle	5.95	16:41	8.96	8.18	32.43	18.32	1.51	7	0.281	E	/
M2	20220312	Sunny	Moderate	Mid-Ebb	Middle	5.95	16:41	8.94	8.19	32.35	18.32	1.74	8	0.291	SE	/
M2	20220312	Sunny	Moderate	Mid-Ebb	Bottom	10.9	16:40	8.77	8.24	32.36	18.48	1.79	7	0.268	E	/
M2	20220312	Sunny	Moderate	Mid-Ebb	Bottom	10.9	16:40	8.87	8.21	32.29	18.36	1.89	7	0.301	SE	/
M3	20220312	Sunny	Moderate	Mid-Ebb	Surface	1	17:13	8.98	8.20	31.74	18.55	2.78	7	0.288	SE	/
M3	20220312	Sunny	Moderate	Mid-Ebb	Surface	1	17:13	8.86	8.18	31.54	18.59	2.66	5	0.267	E	/
M3	20220312	Sunny	Moderate	Mid-Ebb	Middle	3.45	17:12	9.03	8.13	31.54	18.51	2.65	6	0.265	E	/
M3	20220312	Sunny	Moderate	Mid-Ebb	Middle	3.45	17:12	8.92	8.12	31.76	18.65	2.87	8	0.301	SE	/
M3	20220312	Sunny	Moderate	Mid-Ebb	Bottom	5.9	17:11	8.89	8.09	31.56	18.71	3.05	6	0.296	SE	/
M3	20220312	Sunny	Moderate	Mid-Ebb	Bottom	5.9	17:11	8.94	8.17	31.76	18.64	2.95	6	0.289	SE	/
M4	20220312	Sunny	Moderate	Mid-Ebb	Surface	1	17:47	9.14	8.28	32.29	18.40	2.64	5	0.283	E	/
M4	20220312	Sunny	Moderate	Mid-Ebb	Surface	1	17:47	9.24	8.33	32.34	18.39	2.48	4	0.299	SE	/
M4	20220312	Sunny	Moderate	Mid-Ebb	Bottom	4.6	17:46	9.25	8.32	32.25	18.40	2.48	6	0.275	SE	/
M4	20220312	Sunny	Moderate	Mid-Ebb	Bottom	4.6	17:46	9.06	8.28	32.34	18.37	2.38	6	0.291	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	20220315	Sunny	Moderate	Mid-Ebb	Surface	1	9:17	8.43	8.12	32.03	19.01	4.83	3	0.266	E	/
C1	20220315	Sunny	Moderate	Mid-Ebb	Surface	1	9:17	8.45	8.06	31.99	18.88	4.94	4	0.294	SE	/
C1	20220315	Sunny	Moderate	Mid-Ebb	Middle	10	9:16	8.39	8.23	31.97	18.91	4.87	3	0.283	E	/
C1	20220315	Sunny	Moderate	Mid-Ebb	Middle	10	9:16	8.40	8.17	31.99	18.99	4.79	2.5	0.298	SE	/
C1	20220315	Sunny	Moderate	Mid-Ebb	Bottom	19	9:15	8.42	8.08	32.03	19.03	5.04	5	0.279	SE	/
C1	20220315	Sunny	Moderate	Mid-Ebb	Bottom	19	9:15	8.58	8.14	31.97	19.02	5.13	3	0.273	SE	/
C2	20220315	Sunny	Moderate	Mid-Ebb	Surface	1	10:22	8.79	8.22	32.02	19.05	3.99	3	0.291	E	/
C2	20220315	Sunny	Moderate	Mid-Ebb	Surface	1	10:22	8.70	8.14	31.90	19.17	3.77	3	0.271	SE	/
C2	20220315	Sunny	Moderate	Mid-Ebb	Middle	12.15	10:21	8.84	8.06	31.91	19.12	4.38	3	0.299	E	/
C2	20220315	Sunny	Moderate	Mid-Ebb	Middle	12.15	10:21	8.87	8.22	31.91	19.20	4.08	4	0.273	SE	/
C2	20220315	Sunny	Moderate	Mid-Ebb	Bottom	23.3	10:20	8.69	8.06	31.85	19.32	4.35	4	0.284	SE	/
C2	20220315	Sunny	Moderate	Mid-Ebb	Bottom	23.3	10:20	8.88	8.22	31.87	19.32	4.17	2.5	0.277	E	/
M1	20220315	Sunny	Moderate	Mid-Ebb	Surface	1	9:52	9.18	8.08	32.82	18.73	3.83	2.5	0.297	SE	/
M1	20220315	Sunny	Moderate	Mid-Ebb	Surface	1	9:52	9.26	8.07	32.78	18.91	4.03	2.5	0.285	E	/
M1	20220315	Sunny	Moderate	Mid-Ebb	Middle	3.45	9:51	9.18	8.23	32.80	18.90	3.66	3	0.263	SE	/
M1	20220315	Sunny	Moderate	Mid-Ebb	Middle	3.45	9:51	9.16	8.08	32.88	19.00	3.61	2.5	0.292	SE	/
M1	20220315	Sunny	Moderate	Mid-Ebb	Bottom	5.9	9:50	9.30	8.07	32.99	18.95	3.61	2.5	0.278	SE	/
M1	20220315	Sunny	Moderate	Mid-Ebb	Bottom	5.9	9:50	9.31	8.11	32.87	18.78	3.83	3	0.268	SE	/
M2	20220315	Sunny	Moderate	Mid-Ebb	Surface	1	9:35	9.49	8.27	32.47	19.18	4.32	3	0.294	SE	/
M2	20220315	Sunny	Moderate	Mid-Ebb	Surface	1	9:35	9.35	8.25	32.56	19.37	4.10	3	0.292	SE	/
M2	20220315	Sunny	Moderate	Mid-Ebb	Middle	6	9:34	9.37	8.28	32.51	19.26	3.96	4	0.290	E	/
M2	20220315	Sunny	Moderate	Mid-Ebb	Middle	6	9:34	9.40	8.20	32.58	19.36	4.23	3	0.283	E	/
M2	20220315	Sunny	Moderate	Mid-Ebb	Bottom	11	9:33	9.39	8.28	32.43	19.37	4.10	4	0.263	SE	/
M2	20220315	Sunny	Moderate	Mid-Ebb	Bottom	11	9:33	9.36	8.19	32.44	19.21	4.11	2.5	0.273	SE	/
M3	20220315	Sunny	Moderate	Mid-Ebb	Surface	1	10:10	8.85	8.20	31.69	18.75	3.35	5	0.294	E	/
M3	20220315	Sunny	Moderate	Mid-Ebb	Surface	1	10:10	8.68	8.16	31.55	18.99	3.58	2.5	0.300	SE	/
M3	20220315	Sunny	Moderate	Mid-Ebb	Middle	4	10:09	8.83	8.03	31.70	18.81	3.59	2.5	0.290	E	/
M3	20220315	Sunny	Moderate	Mid-Ebb	Middle	4	10:09	8.66	8.10	31.55	19.08	3.74	3	0.264	E	/
M3	20220315	Sunny	Moderate	Mid-Ebb	Bottom	7	10:08	8.84	8.19	31.71	18.85	3.60	2.5	0.272	SE	/
M3	20220315	Sunny	Moderate	Mid-Ebb	Bottom	7	10:08	8.75	8.08	31.59	18.94	3.31	2.5	0.274	E	/
M4	20220315	Sunny	Moderate	Mid-Ebb	Surface	1	10:45	9.23	8.35	31.45	19.19	3.38	2.5	0.277	E	/
M4	20220315	Sunny	Moderate	Mid-Ebb	Surface	1	10:45	9.19	8.37	31.41	19.06	3.56	3	0.272	SE	/
M4	20220315	Sunny	Moderate	Mid-Ebb	Bottom	4.6	10:44	9.09	8.27	31.38	18.92	3.60	3	0.301	E	/
M4	20220315	Sunny	Moderate	Mid-Ebb	Bottom	4.6	10:44	9.32	8.33	31.49	19.07	3.80	2.5	0.291	SE	/
C1	20220317	Cloudy	Moderate	Mid-Ebb	Surface	1	10:18	8.57	8.23	30.69	20.39	3.56	2.5	0.272	E	/
C1	20220317	Cloudy	Moderate	Mid-Ebb	Surface	1	10:18	8.39	8.16	30.75	20.41	3.68	3	0.296	E	/
C1	20220317	Cloudy	Moderate	Mid-Ebb	Middle	9.65	10:17	8.46	8.21	30.75	20.30	2.95	4	0.272	E	/
C1	20220317	Cloudy	Moderate	Mid-Ebb	Middle	9.65	10:17	8.53	8.22	30.71	20.22	2.98	2.5	0.287	SE	/
C1	20220317	Cloudy	Moderate	Mid-Ebb	Bottom	18.3	10:16	8.58	8.21	30.62	20.29	3.33	2.5	0.296	SE	/
C1	20220317	Cloudy	Moderate	Mid-Ebb	Bottom	18.3	10:16	8.39	8.24	30.60	20.22	3.19	3	0.292	SE	/
C2	20220317	Cloudy	Moderate	Mid-Ebb	Surface	1	11:27	9.08	8.30	29.58	20.44	2.59	2.5	0.301	SE	/
C2	20220317	Cloudy	Moderate	Mid-Ebb	Surface	1	11:27	8.96	8.35	29.79	20.28	2.57	3	0.275	SE	/
C2	20220317	Cloudy	Moderate	Mid-Ebb	Middle	12.55	11:26	8.93	8.34	29.67	20.34	2.78	3	0.267	SE	/
C2	20220317	Cloudy	Moderate	Mid-Ebb	Middle	12.55	11:26	9.12	8.34	29.80	20.40	2.64	2.5	0.271	E	/
C2	20220317	Cloudy	Moderate	Mid-Ebb	Bottom	24.1	11:25	8.94	8.28	29.73	20.25	2.90	4	0.275	SE	/
C2	20220317	Cloudy	Moderate	Mid-Ebb	Bottom	24.1	11:25	8.96	8.36	29.68	20.39	2.66	2.5	0.276	E	/
M1	20220317	Cloudy	Moderate	Mid-Ebb	Surface	1	10:54	8.32	8.24	30.48	20.60	2.14	2.5	0.263	SE	/
M1	20220317	Cloudy	Moderate	Mid-Ebb	Surface	1	10:54	8.39	8.32	30.61	20.41	2.12	2.5	0.289	SE	/
M1	20220317	Cloudy	Moderate	Mid-Ebb	Middle	3.45	10:53	8.35	8.21	30.47	20.49	1.86	2.5	0.272	E	/
M1	20220317	Cloudy	Moderate	Mid-Ebb	Middle	3.45	10:53	8.19	8.28	30.65	20.45	1.92	2.5	0.294	E	/
M1	20220317	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	10:52	8.40	8.22	30.47	20.62	2.11	2.5	0.284	SE	/
M1	20220317	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	10:52	8.11	8.22	30.52	20.61	2.03	2.5	0.263	E	/
M2	20220317	Cloudy	Moderate	Mid-Ebb	Surface	1	10:35	9.19	8.36	30.47	20.54	1.51	2.5	0.300	SE	/
M2	20220317	Cloudy	Moderate	Mid-Ebb	Surface	1	10:35	9.25	8.38	30.68	20.49	1.48	3	0.288	SE	/
M2	20220317	Cloudy	Moderate	Mid-Ebb	Middle	6.3	10:34	9.24	8.32	30.57	20.57	1.53	6	0.266	SE	/
M2	20220317	Cloudy	Moderate	Mid-Ebb	Middle	6.3	10:34	9.30	8.37	30.62	20.41	1.44	4	0.279	SE	/
M2	20220317	Cloudy	Moderate	Mid-Ebb	Bottom	11.6	10:33	9.34	8.41	30.65	20.53	1.68	3	0.300	SE	/
M2	20220317	Cloudy	Moderate	Mid-Ebb	Bottom	11.6	10:33	9.13	8.32	30.50	20.39	1.60	3	0.301	E	/
M3	20220317	Cloudy	Moderate	Mid-Ebb	Surface	1	11:10	9.16	8.29	30.55	20.56	2.16	3	0.299	E	/
M3	20220317	Cloudy	Moderate	Mid-Ebb	Surface	1	11:10	9.46	8.17	30.39	20.54	2.27	2.5	0.277	SE	/
M3	20220317	Cloudy	Moderate	Mid-Ebb	Middle	3.45	11:09	9.40	8.23	30.56	20.52	1.86	3	0.284	SE	/
M3	20220317	Cloudy	Moderate	Mid-Ebb	Middle	3.45	11:09	9.38	8.28	30.53	20.55	1.91	2.5	0.264	SE	/
M3	20220317	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	11:08	9.37	8.22	30.35	20.52	2.30	3	0.268	SE	/
M3	20220317	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	11:08	9.33	8.25	30.56	20.59	2.26	3	0.294	SE	/
M4	20220317	Cloudy	Moderate	Mid-Ebb	Surface	1	11:49	8.54	8.35	30.13	20.39	2.15	2.5	0.274	SE	/
M4	20220317	Cloudy	Moderate	Mid-Ebb	Surface	1	11:49	8.30	8.34	30.21	20.40	1.93	2.5	0.268	SE	/
M4	20220317	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	11:48	8.33	8.30	30.13	20.45	1.96	3	0.275	SE	/
M4	20220317	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	11:48	8.51	8.39	30.22	20.38	2.12	3	0.277	E	/
C1	20220319	Cloudy	Moderate	Mid-Ebb	Surface	1	11:29	8.82	8.34	31.88	19.23	3.58	2.5	0.273	SE	/
C1	20220319	Cloudy	Moderate	Mid-Ebb	Surface	1	11:29	8.83	8.30	31.89	19.37	3.66	2.5	0.287	SE	/
C1	20220319	Cloudy	Moderate	Mid-Ebb	Middle	10.15	11:28	8.78	8.31	31.86	19.31	3.77	4	0.285	E	/
C1	20220319	Cloudy	Moderate	Mid-Ebb	Middle	10.15	11:28	8.82	8.28	31.85	19.34	3.64	7	0.263	SE	/
C1	20220319	Cloudy	Moderate	Mid-Ebb	Bottom	19.3	11:27	8.86	8.34	31.92	19.34	3.93	2.5	0.299	E	/
C1	20220319	Cloudy	Moderate	Mid-Ebb	Bottom	19.3	11:27	8.88	8.30	31.79	19.29	3.87	4	0.301	SE	/
C2	20220319	Cloudy	Moderate	Mid-Ebb	Surface	1	12:26	8.97	8.37	31.54	19.28	3.15	2.5	0.278	SE	/
C2	20220319	Cloudy	Moderate	Mid-Ebb	Surface	1	12:26	9.04	8.30	31.68	19.43	3.24	2.5	0.281	SE	/
C2	20220319	Cloudy	Moderate	Mid-Ebb	Middle	12.2	12:25	8.95	8.30	31.71	19.28	3.31	3	0.294	E	/
C2	20220319	Cloudy	Moderate	Mid-Ebb	Middle	12.2	12:25	8.97	8.38	31.56	19.40	3.35	3	0.278	E	/
C2	20220319	Cloudy	Moderate	Mid-Ebb	Bottom	23.4	12:24	8.93	8.31	31.66	19.33	3.32	2.5	0.273	SE	/
C2	20220319	Cloudy	Moderate	Mid-Ebb	Bottom	23.4	12:24	9.00	8.30	31.55	19.38	3.30	2.5	0.276	E	/
M1	20220319	Cloudy	Moderate	Mid-Ebb	Surface	1	11:56	8.32	8.28	31.16	19.52	2.18	2.5	0.295	SE	/
M1	20220319	Cloudy	Moderate	Mid-Ebb	Surface	1	11:56	8.42	8.27	31.18	19.47	2.24	2.5	0.282	SE	/
M1	20220319	Cloudy	Moderate	Mid-Ebb	Middle	3.2	11:55	8.38	8.29	31.30	19.38	2.19	4	0.275	E	/
M1	20220319	Cloudy	Moderate	Mid-Ebb	Middle	3.2	11:55	8.54	8.24	31.24	19.37	2.07	3	0.279	SE	/
M1	20220319	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	11:54	8.33	8.26	31.17	19.52	2.14	2.5	0.293	SE	/
M1	20220319	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	11:54	8.37	8.29	31.15	19.55	2.45	2.5	0.267	SE	/
M2	20220319	Cloudy	Moderate	Mid-Ebb	Surface	1	11:43	9.01	8.38	31.19	19.27	2.85	2.5	0.286	SE	/
M2	20220319	Cloudy	Moderate	Mid-Ebb	Surface	1	11:43	8.96	8.33	31.12	19.32	2.70	2.5	0.272	SE	/
M2	20220319	Cloudy	Moderate	Mid-Ebb	Middle	6.7	11:42	8.88	8.24	31.23	19.31	2.88	5	0.280	SE	/
M2	20220319	Cloudy	Moderate	Mid-Ebb	Middle	6.7	11:42	8.90	8.32	31.09	19.26	2.46	2.5	0.299	SE	/
M2	20220319	Cloudy	Moderate	Mid-Ebb	Bottom	12.4	11:41	8.98	8.31	31.22	19.41	2.49	2.5	0.265	SE	/
M2	20220319	Cloudy	Moderate	Mid-Ebb	Bottom	12.4	11:41	9.01	8.32	31.11	19.26	2.54	2.5	0.281	E	/
M3	20220319	Cloudy	Moderate	Mid-Ebb	Surface	1	12:11	8.81	8.37	31.55	19.24	3.25	2.5	0.264	SE	/
M3	20220319	Cloudy	Moderate	Mid-Ebb	Surface	1	12:11	8.96	8.39	31.64	19.33	3.33	2.5	0.281	SE	/
M3	20220319	Cloudy	Moderate	Mid-Ebb	Middle	3.75	12:10	8.84	8.38	31.63	19.23	2.96	2.5	0.283	SE	/
M3	20220319	Cloudy	Moderate	Mid-Ebb	Middle	3.75	12:10	9.00	8.39	31.71	19.34	3.10	2.5	0.273	E	/
M3	20220319	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	12:09	8.93	8.39	31.63	19.15	2.93	4	0.287	SE	/
M3	20220319	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	12:09	9.00	8.41	31.71	19.23	3.38	5	0.272	E	/
M4	20220319	Cloudy	Moderate	Mid-Ebb	Surface	1	12:45	9.13	8.26	32.32	19.19	3.35	5	0.300	SE	/
M4	20220319	Cloudy	Moderate	Mid-Ebb	Surface	1	12:45	9.25	8.28	32.39	19.34	2.99	4	0.269	SE	/
M4	20220319	Cloudy	Moderate	Mid-Ebb	Bottom	4	12:44	9.25	8.33	32.32	19.20	3.05	4	0.297	E	/
M4	20220319	Cloudy	Moderate	Mid-Ebb	Bottom	4	12:44	9.20	8.30	32.46	19.28	3.23	4	0.274	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	20220322	Cloudy	Moderate	Mid-Ebb	Surface	1	13:19	9.09	8.24	32.96	19.74	3.78	2.5	0.264	E	/
C1	20220322	Cloudy	Moderate	Mid-Ebb	Surface	1	13:19	9.05	8.29	32.95	19.74	3.76	3	0.280	SE	/
C1	20220322	Cloudy	Moderate	Mid-Ebb	Middle	11.65	13:18	9.03	8.32	33.08	19.87	3.63	2.5	0.297	SE	/
C1	20220322	Cloudy	Moderate	Mid-Ebb	Middle	11.65	13:18	8.95	8.30	33.03	19.85	3.72	2.5	0.298	E	/
C1	20220322	Cloudy	Moderate	Mid-Ebb	Bottom	22.3	13:17	9.04	8.29	33.00	19.76	3.52	4	0.273	E	/
C1	20220322	Cloudy	Moderate	Mid-Ebb	Bottom	22.3	13:17	8.98	8.23	32.95	19.78	3.53	3	0.284	SE	/
C2	20220322	Cloudy	Moderate	Mid-Ebb	Surface	1	14:22	8.89	8.29	32.83	19.58	2.61	3	0.275	E	/
C2	20220322	Cloudy	Moderate	Mid-Ebb	Surface	1	14:22	8.78	8.31	32.89	19.62	2.70	2.5	0.280	E	/
C2	20220322	Cloudy	Moderate	Mid-Ebb	Middle	11.45	14:21	8.91	8.26	32.75	19.72	2.48	2.5	0.288	SE	/
C2	20220322	Cloudy	Moderate	Mid-Ebb	Middle	11.45	14:21	8.95	8.30	32.88	19.60	2.58	2.5	0.274	SE	/
C2	20220322	Cloudy	Moderate	Mid-Ebb	Bottom	21.9	14:20	8.86	8.30	32.85	19.67	2.82	3	0.292	SE	/
C2	20220322	Cloudy	Moderate	Mid-Ebb	Bottom	21.9	14:20	8.92	8.30	32.81	19.65	2.94	3	0.264	SE	/
M1	20220322	Cloudy	Moderate	Mid-Ebb	Surface	1	13:52	9.32	8.37	33.47	19.61	2.01	2.5	0.280	SE	/
M1	20220322	Cloudy	Moderate	Mid-Ebb	Surface	1	13:52	9.42	8.31	33.51	19.78	2.26	2.5	0.277	SE	/
M1	20220322	Cloudy	Moderate	Mid-Ebb	Middle	3.25	13:51	9.42	8.40	33.47	19.76	2.13	2.5	0.272	E	/
M1	20220322	Cloudy	Moderate	Mid-Ebb	Middle	3.25	13:51	9.46	8.34	33.41	19.72	1.87	2.5	0.266	SE	/
M1	20220322	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	13:50	9.30	8.38	33.40	19.75	2.02	2.5	0.274	SE	/
M1	20220322	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	13:50	9.37	8.35	33.52	19.76	2.12	4	0.263	SE	/
M2	20220322	Cloudy	Moderate	Mid-Ebb	Surface	1	13:35	8.64	8.43	33.14	19.84	2.27	3	0.299	E	/
M2	20220322	Cloudy	Moderate	Mid-Ebb	Surface	1	13:35	8.48	8.35	33.16	19.81	1.99	2.5	0.280	SE	/
M2	20220322	Cloudy	Moderate	Mid-Ebb	Middle	6.15	13:34	8.59	8.43	33.14	19.92	2.22	2.5	0.271	E	/
M2	20220322	Cloudy	Moderate	Mid-Ebb	Middle	6.15	13:34	8.66	8.39	33.27	19.97	2.07	3	0.288	SE	/
M2	20220322	Cloudy	Moderate	Mid-Ebb	Bottom	11.3	13:33	8.64	8.43	33.29	19.96	2.21	4	0.270	SE	/
M2	20220322	Cloudy	Moderate	Mid-Ebb	Bottom	11.3	13:33	8.49	8.43	33.12	19.95	2.20	2.5	0.286	E	/
M3	20220322	Cloudy	Moderate	Mid-Ebb	Surface	1	14:06	8.56	8.31	33.65	19.73	1.59	2.5	0.265	E	/
M3	20220322	Cloudy	Moderate	Mid-Ebb	Surface	1	14:06	8.64	8.31	33.68	19.63	1.87	3	0.297	SE	/
M3	20220322	Cloudy	Moderate	Mid-Ebb	Middle	3.65	14:05	8.48	8.29	33.63	19.76	1.52	2.5	0.291	E	/
M3	20220322	Cloudy	Moderate	Mid-Ebb	Middle	3.65	14:05	8.69	8.36	33.62	19.73	1.41	2.5	0.301	SE	/
M3	20220322	Cloudy	Moderate	Mid-Ebb	Bottom	6.3	14:04	8.70	8.23	33.64	19.69	1.83	3	0.284	E	/
M3	20220322	Cloudy	Moderate	Mid-Ebb	Bottom	6.3	14:04	8.58	8.31	33.67	19.66	1.89	3	0.291	SE	/
M4	20220322	Cloudy	Moderate	Mid-Ebb	Surface	1	14:38	9.00	8.39	33.57	19.78	1.96	2.5	0.263	SE	/
M4	20220322	Cloudy	Moderate	Mid-Ebb	Surface	1	14:38	8.84	8.40	33.58	19.75	2.18	3	0.276	E	/
M4	20220322	Cloudy	Moderate	Mid-Ebb	Bottom	3.6	14:37	8.92	8.40	33.50	19.81	2.33	2.5	0.287	SE	/
M4	20220322	Cloudy	Moderate	Mid-Ebb	Bottom	3.6	14:37	8.97	8.38	33.56	19.76	2.16	2.5	0.294	E	/
C1	20220324	Cloudy	Moderate	Mid-Ebb	Surface	1	14:59	8.27	8.27	32.07	19.81	3.29	10	0.299	E	/
C1	20220324	Cloudy	Moderate	Mid-Ebb	Surface	1	14:59	8.25	8.22	32.14	19.73	3.29	11	0.273	E	/
C1	20220324	Cloudy	Moderate	Mid-Ebb	Middle	9.85	14:58	8.39	8.21	32.03	19.78	3.40	8	0.286	SE	/
C1	20220324	Cloudy	Moderate	Mid-Ebb	Middle	9.85	14:58	8.35	8.29	32.21	19.72	3.18	10	0.281	SE	/
C1	20220324	Cloudy	Moderate	Mid-Ebb	Bottom	18.7	14:57	8.25	8.29	32.12	19.72	3.25	7	0.301	SE	/
C1	20220324	Cloudy	Moderate	Mid-Ebb	Bottom	18.7	14:57	8.38	8.24	32.20	19.84	3.15	7	0.264	SE	/
C2	20220324	Cloudy	Moderate	Mid-Ebb	Surface	1	15:52	8.66	8.33	33.20	19.84	2.64	2.5	0.298	E	/
C2	20220324	Cloudy	Moderate	Mid-Ebb	Surface	1	15:52	8.75	8.31	33.24	19.84	2.65	5	0.275	SE	/
C2	20220324	Cloudy	Moderate	Mid-Ebb	Middle	12.25	15:51	8.62	8.34	33.23	19.74	2.74	5	0.292	SE	/
C2	20220324	Cloudy	Moderate	Mid-Ebb	Middle	12.25	15:51	8.60	8.36	33.13	19.85	2.68	6	0.288	E	/
C2	20220324	Cloudy	Moderate	Mid-Ebb	Bottom	23.5	15:50	8.67	8.37	33.21	19.86	2.56	3	0.293	E	/
C2	20220324	Cloudy	Moderate	Mid-Ebb	Bottom	23.5	15:50	8.71	8.33	33.15	19.75	2.66	3	0.284	SE	/
M1	20220324	Cloudy	Moderate	Mid-Ebb	Surface	1	15:25	8.67	8.38	33.12	19.71	1.64	3	0.289	E	/
M1	20220324	Cloudy	Moderate	Mid-Ebb	Surface	1	15:25	8.62	8.30	33.10	19.75	1.92	2.5	0.278	SE	/
M1	20220324	Cloudy	Moderate	Mid-Ebb	Middle	3.25	15:24	8.67	8.35	33.19	19.72	1.87	2.5	0.298	SE	/
M1	20220324	Cloudy	Moderate	Mid-Ebb	Middle	3.25	15:24	8.68	8.36	33.19	19.69	1.57	3	0.293	SE	/
M1	20220324	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	15:23	8.66	8.38	33.32	19.70	1.74	4	0.263	E	/
M1	20220324	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	15:23	8.75	8.34	33.25	19.73	1.96	3	0.283	SE	/
M2	20220324	Cloudy	Moderate	Mid-Ebb	Surface	1	15:12	8.98	8.42	32.01	19.66	2.58	3	0.286	E	/
M2	20220324	Cloudy	Moderate	Mid-Ebb	Surface	1	15:12	8.96	8.36	32.18	19.58	2.49	3	0.266	E	/
M2	20220324	Cloudy	Moderate	Mid-Ebb	Middle	6.15	15:11	8.84	8.35	32.15	19.69	2.25	3	0.290	SE	/
M2	20220324	Cloudy	Moderate	Mid-Ebb	Middle	6.15	15:11	8.98	8.36	32.27	19.62	2.51	2.5	0.293	SE	/
M2	20220324	Cloudy	Moderate	Mid-Ebb	Bottom	11.3	15:10	8.95	8.35	32.26	19.67	2.33	3	0.267	E	/
M2	20220324	Cloudy	Moderate	Mid-Ebb	Bottom	11.3	15:10	8.88	8.39	32.04	19.69	2.67	2.5	0.278	E	/
M3	20220324	Cloudy	Moderate	Mid-Ebb	Surface	1	15:38	9.16	8.21	32.04	19.65	2.77	2.5	0.266	SE	/
M3	20220324	Cloudy	Moderate	Mid-Ebb	Surface	1	15:38	8.98	8.20	32.21	19.65	2.66	2.5	0.266	E	/
M3	20220324	Cloudy	Moderate	Mid-Ebb	Middle	3.6	15:37	9.11	8.20	32.08	19.60	2.55	3	0.291	SE	/
M3	20220324	Cloudy	Moderate	Mid-Ebb	Middle	3.6	15:37	9.00	8.28	32.14	19.68	2.70	3	0.289	SE	/
M3	20220324	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	15:36	9.03	8.20	32.13	19.66	2.84	2.5	0.265	SE	/
M3	20220324	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	15:36	9.05	8.28	32.20	19.58	2.57	2.5	0.286	SE	/
M4	20220324	Cloudy	Moderate	Mid-Ebb	Surface	1	16:13	8.85	8.17	32.97	19.78	1.99	5	0.288	SE	/
M4	20220324	Cloudy	Moderate	Mid-Ebb	Surface	1	16:13	8.84	8.17	33.02	19.73	2.03	3	0.299	SE	/
M4	20220324	Cloudy	Moderate	Mid-Ebb	Bottom	4	16:12	8.72	8.24	33.08	19.81	1.95	2.5	0.281	E	/
M4	20220324	Cloudy	Moderate	Mid-Ebb	Bottom	4	16:12	8.81	8.27	33.12	19.72	1.91	2.5	0.278	E	/
C1	20220326	Cloudy	Moderate	Mid-Ebb	Surface	1	16:05	8.40	8.33	31.03	19.95	4.04	2.5	0.271	SE	/
C1	20220326	Cloudy	Moderate	Mid-Ebb	Surface	1	16:05	8.53	8.40	31.03	19.81	3.89	2.5	0.266	SE	/
C1	20220326	Cloudy	Moderate	Mid-Ebb	Middle	11.5	16:04	8.47	8.36	31.02	19.89	3.89	3	0.297	SE	/
C1	20220326	Cloudy	Moderate	Mid-Ebb	Middle	11.5	16:04	8.31	8.29	31.03	19.86	4.07	2.5	0.264	SE	/
C1	20220326	Cloudy	Moderate	Mid-Ebb	Bottom	22	16:03	8.38	8.28	31.05	19.95	3.98	2.5	0.291	SE	/
C1	20220326	Cloudy	Moderate	Mid-Ebb	Bottom	22	16:03	8.51	8.27	31.02	19.80	3.84	2.5	0.272	SE	/
C2	20220326	Cloudy	Moderate	Mid-Ebb	Surface	1	17:05	8.46	8.40	31.76	19.83	3.53	3	0.266	SE	/
C2	20220326	Cloudy	Moderate	Mid-Ebb	Surface	1	17:05	8.45	8.41	31.84	19.96	3.57	2.5	0.276	E	/
C2	20220326	Cloudy	Moderate	Mid-Ebb	Middle	10.8	17:04	8.66	8.36	31.69	19.91	3.59	3	0.264	SE	/
C2	20220326	Cloudy	Moderate	Mid-Ebb	Middle	10.8	17:04	8.63	8.34	31.73	19.92	3.68	3	0.274	SE	/
C2	20220326	Cloudy	Moderate	Mid-Ebb	Bottom	20.6	17:03	8.53	8.41	31.69	19.85	3.27	2.5	0.263	E	/
C2	20220326	Cloudy	Moderate	Mid-Ebb	Bottom	20.6	17:03	8.51	8.31	31.71	19.84	3.54	2.5	0.265	E	/
M1	20220326	Cloudy	Moderate	Mid-Ebb	Surface	1	16:35	8.60	8.21	31.96	19.84	3.24	5	0.293	SE	/
M1	20220326	Cloudy	Moderate	Mid-Ebb	Surface	1	16:35	8.70	8.21	31.84	19.91	3.11	5	0.293	SE	/
M1	20220326	Cloudy	Moderate	Mid-Ebb	Middle	3.35	16:34	8.75	8.29	31.87	19.80	3.04	2.5	0.301	E	/
M1	20220326	Cloudy	Moderate	Mid-Ebb	Middle	3.35	16:34	8.65	8.19	31.82	19.88	3.33	2.5	0.293	E	/
M1	20220326	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	16:33	8.60	8.27	31.70	19.92	3.12	3	0.287	SE	/
M1	20220326	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	16:33	8.59	8.18	31.78	19.79	3.06	4	0.265	SE	/
M2	20220326	Cloudy	Moderate	Mid-Ebb	Surface	1	16:18	8.89	8.15	31.13	19.85	4.22	2.5	0.282	E	/
M2	20220326	Cloudy	Moderate	Mid-Ebb	Surface	1	16:18	8.85	8.19	30.92	19.86	3.97	2.5	0.292	SE	/
M2	20220326	Cloudy	Moderate	Mid-Ebb	Middle	6.05	16:17	9.00	8.12	31.16	19.90	4.05	2.5	0.300	SE	/
M2	20220326	Cloudy	Moderate	Mid-Ebb	Middle	6.05	16:17	8.94	8.20	31.04	19.76	4.16	4	0.285	E	/
M2	20220326	Cloudy	Moderate	Mid-Ebb	Bottom	11.1	16:16	8.92	8.14	31.03	19.87	3.96	2.5	0.283	SE	/
M2	20220326	Cloudy	Moderate	Mid-Ebb	Bottom	11.1	16:16	8.95	8.08	31.13	19.85	4.32	2.5	0.287	E	/
M3	20220326	Cloudy	Moderate	Mid-Ebb	Surface	1	16:52	8.44	8.09	32.01	19.73	3.23	2.5	0.281	SE	/
M3	20220326	Cloudy	Moderate	Mid-Ebb	Surface	1	16:52	8.50	8.15	31.91	19.75	3.49	3	0.269	E	/
M3	20220326	Cloudy	Moderate	Mid-Ebb	Middle	3.25	16:51	8.63	8.11	31.92	19.84	3.58	2.5	0.289	SE	/
M3	20220326	Cloudy	Moderate	Mid-Ebb	Middle	3.25	16:51	8.54	8.16	31.88	19.73	3.27	3	0.285	SE	/
M3	20220326	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	16:50	8.60	8.18	31.88	19.84	3.37	2.5	0.271	SE	/
M3	20220326	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	16:50	8.58	8.09	31.93	19.81	3.20	3	0.299	SE	/
M4	20220326	Cloudy	Moderate	Mid-Ebb	Surface	1	17:22	8.51	8.17	31.70	19.68	3.83	4	0.291	E	/
M4	20220326	Cloudy	Moderate	Mid-Ebb	Surface	1	17:22	8.49	8.27	31.85	19.73	3.88	5	0.271	SE	/
M4	20220326	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	17:21	8.46	8.29	31.74	19.69	3.75	3	0.266	SE	/
M4	20220326	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	17:21	8.50	8.20	31.85	19.72	3.60	2.5	0.263	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	20220329	Cloudy	Moderate	Mid-Ebb	Surface	1	9:05	9.11	8.18	33.20	19.96	3.82	4	0.277	SE	/
C1	20220329	Cloudy	Moderate	Mid-Ebb	Surface	1	9:05	9.29	8.15	33.35	19.85	3.65	5	0.270	E	/
C1	20220329	Cloudy	Moderate	Mid-Ebb	Middle	10.9	9:04	9.15	8.18	33.35	19.89	3.80	3	0.281	E	/
C1	20220329	Cloudy	Moderate	Mid-Ebb	Middle	10.9	9:04	9.24	8.17	33.18	19.92	3.55	4	0.297	SE	/
C1	20220329	Cloudy	Moderate	Mid-Ebb	Bottom	20.8	9:03	9.12	8.22	33.35	20.00	3.89	4	0.264	SE	/
C1	20220329	Cloudy	Moderate	Mid-Ebb	Bottom	20.8	9:03	9.25	8.20	33.25	19.99	3.72	5	0.298	E	/
C2	20220329	Cloudy	Moderate	Mid-Ebb	Surface	1	10:02	9.32	8.22	33.79	19.81	3.09	3	0.283	SE	/
C2	20220329	Cloudy	Moderate	Mid-Ebb	Surface	1	10:02	9.33	8.22	33.84	19.73	3.06	2.5	0.279	SE	/
C2	20220329	Cloudy	Moderate	Mid-Ebb	Middle	11.4	10:01	9.46	8.19	33.73	19.92	2.56	3	0.284	E	/
C2	20220329	Cloudy	Moderate	Mid-Ebb	Middle	11.4	10:01	9.36	8.25	33.85	19.79	2.86	4	0.293	SE	/
C2	20220329	Cloudy	Moderate	Mid-Ebb	Bottom	21.8	10:00	9.34	8.24	33.84	19.72	2.57	5	0.265	E	/
C2	20220329	Cloudy	Moderate	Mid-Ebb	Bottom	21.8	10:00	9.51	8.20	33.89	19.90	2.56	4	0.289	E	/
M1	20220329	Cloudy	Moderate	Mid-Ebb	Surface	1	9:34	9.20	8.30	33.20	19.87	2.73	6	0.289	SE	/
M1	20220329	Cloudy	Moderate	Mid-Ebb	Surface	1	9:34	9.20	8.29	33.00	19.80	2.71	6	0.284	SE	/
M1	20220329	Cloudy	Moderate	Mid-Ebb	Middle	3.7	9:33	9.33	8.25	33.20	19.88	2.73	3	0.292	E	/
M1	20220329	Cloudy	Moderate	Mid-Ebb	Middle	3.7	9:33	9.23	8.26	33.11	19.88	2.90	5	0.289	SE	/
M1	20220329	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	9:32	9.33	8.28	33.20	19.77	2.69	4	0.292	SE	/
M1	20220329	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	9:32	9.18	8.30	33.16	19.79	2.89	5	0.288	SE	/
M2	20220329	Cloudy	Moderate	Mid-Ebb	Surface	1	9:22	8.87	8.16	33.21	19.85	3.03	3	0.290	E	/
M2	20220329	Cloudy	Moderate	Mid-Ebb	Surface	1	9:22	8.85	8.17	33.16	19.94	2.91	3	0.277	SE	/
M2	20220329	Cloudy	Moderate	Mid-Ebb	Middle	7	9:21	8.81	8.21	33.19	19.86	2.84	3	0.292	E	/
M2	20220329	Cloudy	Moderate	Mid-Ebb	Middle	7	9:21	8.82	8.16	33.11	20.00	2.89	3	0.267	SE	/
M2	20220329	Cloudy	Moderate	Mid-Ebb	Bottom	13	9:20	8.96	8.21	33.28	20.01	2.83	3	0.290	E	/
M2	20220329	Cloudy	Moderate	Mid-Ebb	Bottom	13	9:20	8.92	8.21	33.25	20.00	2.64	3	0.281	SE	/
M3	20220329	Cloudy	Moderate	Mid-Ebb	Surface	1	9:48	9.39	8.33	33.56	19.81	2.27	3	0.297	SE	/
M3	20220329	Cloudy	Moderate	Mid-Ebb	Surface	1	9:48	9.37	8.30	33.49	19.92	2.10	4	0.274	SE	/
M3	20220329	Cloudy	Moderate	Mid-Ebb	Middle	3.75	9:47	9.50	8.30	33.57	19.79	2.35	4	0.296	SE	/
M3	20220329	Cloudy	Moderate	Mid-Ebb	Middle	3.75	9:47	9.39	8.28	33.51	19.86	2.18	4	0.263	E	/
M3	20220329	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	9:46	9.52	8.33	33.54	19.97	2.27	5	0.291	SE	/
M3	20220329	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	9:46	9.33	8.33	33.48	19.79	2.31	4	0.269	E	/
M4	20220329	Cloudy	Moderate	Mid-Ebb	Surface	1	10:26	9.42	8.31	33.04	19.98	2.49	2.5	0.268	SE	/
M4	20220329	Cloudy	Moderate	Mid-Ebb	Surface	1	10:26	9.39	8.35	32.98	19.86	2.83	4	0.285	SE	/
M4	20220329	Cloudy	Moderate	Mid-Ebb	Bottom	3.8	10:25	9.25	8.29	32.93	19.78	2.65	4	0.265	E	/
M4	20220329	Cloudy	Moderate	Mid-Ebb	Bottom	3.8	10:25	9.23	8.28	32.94	19.88	2.67	3	0.264	SE	/
C1	20220331	Sunny	Moderate	Mid-Ebb	Surface	1	10:20	9.13	8.29	33.04	21.87	4.02	3	0.265	SE	/
C1	20220331	Sunny	Moderate	Mid-Ebb	Surface	1	10:20	9.22	8.30	33.03	21.83	3.91	2.5	0.290	SE	/
C1	20220331	Sunny	Moderate	Mid-Ebb	Middle	11	10:19	9.12	8.34	33.03	21.89	4.07	3	0.283	E	/
C1	20220331	Sunny	Moderate	Mid-Ebb	Middle	11	10:19	9.08	8.34	33.03	21.98	3.80	3	0.265	E	/
C1	20220331	Sunny	Moderate	Mid-Ebb	Bottom	21	10:18	9.20	8.36	33.04	21.90	4.14	2.5	0.278	SE	/
C1	20220331	Sunny	Moderate	Mid-Ebb	Bottom	21	10:18	9.04	8.32	33.12	21.93	3.98	4	0.291	E	/
C2	20220331	Sunny	Moderate	Mid-Ebb	Surface	1	11:21	9.07	8.41	33.11	22.11	2.88	2.5	0.286	E	/
C2	20220331	Sunny	Moderate	Mid-Ebb	Surface	1	11:21	9.05	8.40	33.14	22.15	2.95	2.5	0.294	SE	/
C2	20220331	Sunny	Moderate	Mid-Ebb	Middle	11.65	11:20	8.98	8.35	33.10	22.14	3.28	2.5	0.274	E	/
C2	20220331	Sunny	Moderate	Mid-Ebb	Middle	11.65	11:20	9.01	8.39	33.25	22.20	3.11	2.5	0.270	SE	/
C2	20220331	Sunny	Moderate	Mid-Ebb	Bottom	22.3	11:19	9.02	8.34	33.10	22.08	3.74	2.5	0.266	E	/
C2	20220331	Sunny	Moderate	Mid-Ebb	Bottom	22.3	11:19	8.94	8.40	33.11	22.07	3.66	3	0.269	SE	/
M1	20220331	Sunny	Moderate	Mid-Ebb	Surface	1	10:50	9.26	8.39	32.74	22.20	2.46	2.5	0.294	SE	/
M1	20220331	Sunny	Moderate	Mid-Ebb	Surface	1	10:50	9.25	8.39	32.87	22.12	2.44	2.5	0.275	SE	/
M1	20220331	Sunny	Moderate	Mid-Ebb	Middle	3.6	10:49	9.21	8.39	32.64	22.20	2.61	2.5	0.275	SE	/
M1	20220331	Sunny	Moderate	Mid-Ebb	Middle	3.6	10:49	9.14	8.44	32.84	22.16	2.86	3	0.298	E	/
M1	20220331	Sunny	Moderate	Mid-Ebb	Bottom	6.2	10:48	9.22	8.35	32.79	22.14	2.84	2.5	0.274	E	/
M1	20220331	Sunny	Moderate	Mid-Ebb	Bottom	6.2	10:48	9.33	8.38	32.73	22.18	2.47	2.5	0.289	SE	/
M2	20220331	Sunny	Moderate	Mid-Ebb	Surface	1	10:34	8.80	8.32	33.50	22.08	2.54	2.5	0.300	SE	/
M2	20220331	Sunny	Moderate	Mid-Ebb	Surface	1	10:34	8.76	8.32	33.60	21.99	2.25	2.5	0.281	SE	/
M2	20220331	Sunny	Moderate	Mid-Ebb	Middle	6.1	10:33	8.78	8.31	33.65	22.02	2.49	3	0.281	SE	/
M2	20220331	Sunny	Moderate	Mid-Ebb	Middle	6.1	10:33	8.79	8.40	33.65	22.07	2.56	2.5	0.298	E	/
M2	20220331	Sunny	Moderate	Mid-Ebb	Bottom	11.2	10:32	8.74	8.41	33.51	22.08	2.36	3	0.268	E	/
M2	20220331	Sunny	Moderate	Mid-Ebb	Bottom	11.2	10:32	8.75	8.37	33.71	22.00	2.24	2.5	0.277	SE	/
M3	20220331	Sunny	Moderate	Mid-Ebb	Surface	1	11:05	8.83	8.34	33.68	22.20	2.64	2.5	0.286	SE	/
M3	20220331	Sunny	Moderate	Mid-Ebb	Surface	1	11:05	8.79	8.32	33.46	22.18	2.40	2.5	0.299	SE	/
M3	20220331	Sunny	Moderate	Mid-Ebb	Middle	3.3	11:04	8.87	8.31	33.48	22.14	2.66	3	0.289	SE	/
M3	20220331	Sunny	Moderate	Mid-Ebb	Middle	3.3	11:04	8.85	8.32	33.50	22.24	2.70	2.5	0.298	SE	/
M3	20220331	Sunny	Moderate	Mid-Ebb	Bottom	5.6	11:03	8.77	8.34	33.56	22.18	2.58	2.5	0.289	SE	/
M3	20220331	Sunny	Moderate	Mid-Ebb	Bottom	5.6	11:03	8.82	8.36	33.60	22.18	2.36	3	0.292	SE	/
M4	20220331	Sunny	Moderate	Mid-Ebb	Surface	1	11:44	9.20	8.29	33.51	21.90	3.26	3	0.274	SE	/
M4	20220331	Sunny	Moderate	Mid-Ebb	Surface	1	11:44	9.08	8.31	33.58	21.96	3.34	2.5	0.284	SE	/
M4	20220331	Sunny	Moderate	Mid-Ebb	Bottom	4.6	11:43	9.22	8.29	33.61	22.01	3.55	2.5	0.297	SE	/
M4	20220331	Sunny	Moderate	Mid-Ebb	Bottom	4.6	11:43	9.14	8.30	33.48	21.98	3.45	3	0.269	E	/

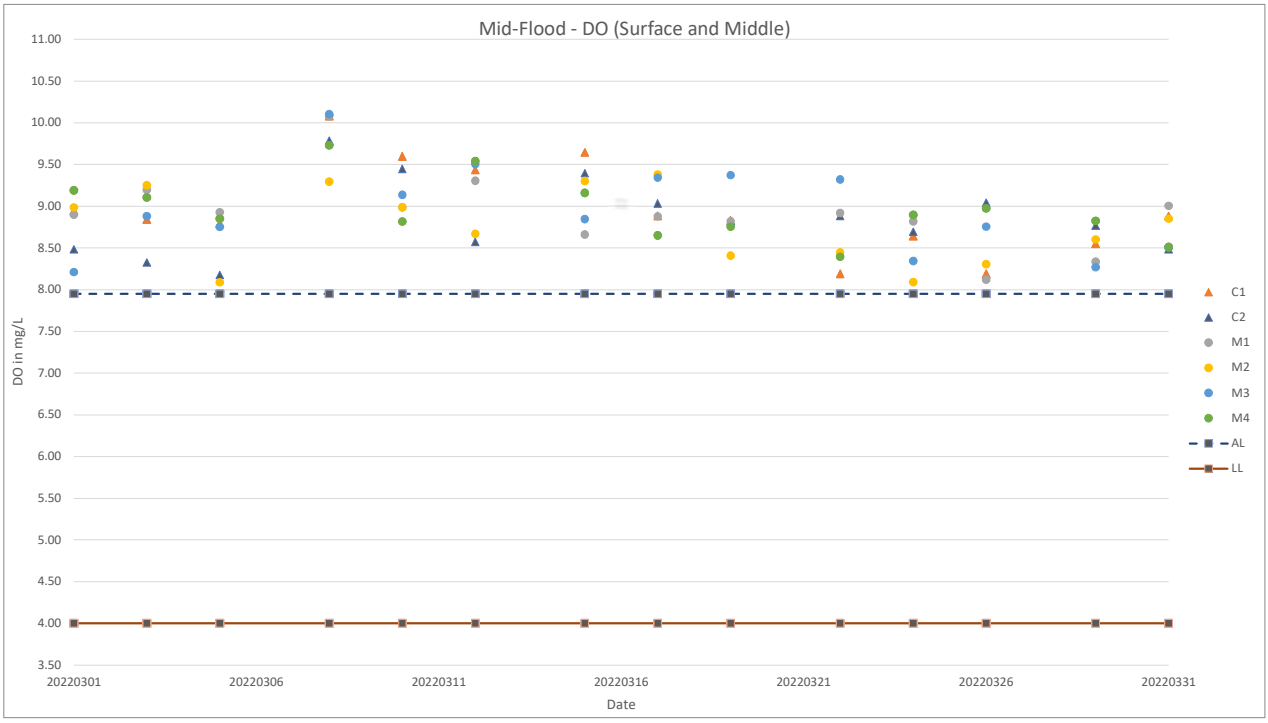
Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (?)	Turbidty (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20220301	Sunny	Moderate	Mid-Flood	Surface	1	16:21	8.99	8.18	30.81	18.56	3.79	5	0.293	SE	/
C1	20220301	Sunny	Moderate	Mid-Flood	Surface	1	16:21	8.85	8.15	30.66	18.57	3.60	4	0.264	E	/
C1	20220301	Sunny	Moderate	Mid-Flood	Middle	11.05	16:20	8.92	8.25	30.79	18.61	3.85	3	0.311	SE	/
C1	20220301	Sunny	Moderate	Mid-Flood	Middle	11.05	16:20	9.01	8.12	30.87	18.60	3.83	4	0.271	E	/
C1	20220301	Sunny	Moderate	Mid-Flood	Bottom	21.1	16:19	8.88	8.03	30.63	18.66	3.95	5	0.310	SE	/
C1	20220301	Sunny	Moderate	Mid-Flood	Bottom	21.1	16:19	8.84	8.07	30.83	18.65	3.80	3	0.286	SE	/
C2	20220301	Sunny	Moderate	Mid-Flood	Surface	1	15:12	8.52	8.18	31.20	18.63	3.93	4	0.291	SE	/
C2	20220301	Sunny	Moderate	Mid-Flood	Surface	1	15:12	8.44	8.15	31.03	18.50	3.85	3	0.278	SE	/
C2	20220301	Sunny	Moderate	Mid-Flood	Middle	12.45	15:11	8.40	8.30	30.96	18.65	4.22	4	0.306	E	/
C2	20220301	Sunny	Moderate	Mid-Flood	Middle	12.45	15:11	8.57	8.26	31.23	18.61	4.38	7	0.286	E	/
C2	20220301	Sunny	Moderate	Mid-Flood	Bottom	23.9	15:10	8.45	8.27	31.21	18.64	4.59	4	0.285	E	/
C2	20220301	Sunny	Moderate	Mid-Flood	Bottom	23.9	15:10	8.56	8.34	31.11	18.65	4.50	3	0.275	E	/
M1	20220301	Sunny	Moderate	Mid-Flood	Surface	1	15:45	8.89	8.30	30.20	18.64	2.95	3	0.275	SE	/
M1	20220301	Sunny	Moderate	Mid-Flood	Surface	1	15:45	8.91	8.26	30.17	18.59	2.79	2.5	0.284	E	/
M1	20220301	Sunny	Moderate	Mid-Flood	Middle	3.35	15:44	8.85	8.17	30.22	18.69	2.79	4	0.274	SE	/
M1	20220301	Sunny	Moderate	Mid-Flood	Middle	3.35	15:44	8.95	8.16	30.22	18.60	2.96	2.5	0.273	SE	/
M1	20220301	Sunny	Moderate	Mid-Flood	Bottom	5.7	15:43	8.87	8.11	30.23	18.72	3.29	4	0.276	E	/
M1	20220301	Sunny	Moderate	Mid-Flood	Bottom	5.7	15:43	8.81	8.13	30.26	18.67	2.88	7	0.275	SE	/
M2	20220301	Sunny	Moderate	Mid-Flood	Surface	1	16:00	9.02	8.06	31.35	18.83	2.37	2.5	0.302	SE	/
M2	20220301	Sunny	Moderate	Mid-Flood	Surface	1	16:00	8.93	8.09	31.47	18.88	2.30	2.5	0.272	SE	/
M2	20220301	Sunny	Moderate	Mid-Flood	Middle	6.95	15:59	8.92	8.12	31.42	18.92	2.46	3	0.266	E	/
M2	20220301	Sunny	Moderate	Mid-Flood	Middle	6.95	15:59	9.07	8.05	31.31	18.84	2.36	2.5	0.300	SE	/
M2	20220301	Sunny	Moderate	Mid-Flood	Bottom	12.9	15:58	9.01	8.13	31.52	18.82	2.65	3	0.295	SE	/
M2	20220301	Sunny	Moderate	Mid-Flood	Bottom	12.9	15:58	8.96	8.21	31.27	18.85	2.50	3	0.294	SE	/
M3	20220301	Sunny	Moderate	Mid-Flood	Surface	1	15:31	8.21	8.23	30.77	18.87	3.17	3	0.299	SE	/
M3	20220301	Sunny	Moderate	Mid-Flood	Surface	1	15:31	8.27	8.27	30.84	18.72	3.25	3	0.304	SE	/
M3	20220301	Sunny	Moderate	Mid-Flood	Middle	3.45	15:30	8.17	8.13	30.71	18.80	3.40	4	0.273	SE	/
M3	20220301	Sunny	Moderate	Mid-Flood	Middle	3.45	15:30	8.19	8.32	30.67	18.82	3.26	4	0.297	SE	/
M3	20220301	Sunny	Moderate	Mid-Flood	Bottom	5.9	15:29	8.06	8.16	30.69	18.85	3.54	4	0.309	SE	/
M3	20220301	Sunny	Moderate	Mid-Flood	Bottom	5.9	15:29	8.17	8.35	30.78	18.87	3.55	2.5	0.270	SE	/
M4	20220301	Sunny	Moderate	Mid-Flood	Surface	1	16:44	9.13	8.05	30.36	18.75	2.89	2.5	0.298	E	/
M4	20220301	Sunny	Moderate	Mid-Flood	Surface	1	16:44	9.25	8.22	30.27	18.73	2.91	4	0.305	SE	/
M4	20220301	Sunny	Moderate	Mid-Flood	Bottom	3.5	16:43	9.22	8.11	30.47	18.85	2.88	2.5	0.264	SE	/
M4	20220301	Sunny	Moderate	Mid-Flood	Bottom	3.5	16:43	9.29	8.06	30.30	18.70	3.20	3	0.291	E	/
C1	20220303	Cloudy	Moderate	Mid-Flood	Surface	1	16:45	8.74	8.25	29.46	19.12	5.93	4	0.305	E	/
C1	20220303	Cloudy	Moderate	Mid-Flood	Surface	1	16:45	8.91	8.26	29.49	19.08	6.02	3	0.279	E	/
C1	20220303	Cloudy	Moderate	Mid-Flood	Middle	10.6	16:44	8.83	8.36	29.48	19.08	5.91	5	0.297	SE	/
C1	20220303	Cloudy	Moderate	Mid-Flood	Middle	10.6	16:44	8.88	8.25	29.54	19.12	6.01	4	0.269	SE	/
C1	20220303	Cloudy	Moderate	Mid-Flood	Bottom	20.2	16:43	8.72	8.24	29.43	19.17	6.14	4	0.291	SE	/
C1	20220303	Cloudy	Moderate	Mid-Flood	Bottom	20.2	16:43	8.79	8.33	29.43	19.03	5.97	3	0.266	SE	/
C2	20220303	Cloudy	Moderate	Mid-Flood	Surface	1	15:35	8.23	8.12	29.57	19.39	5.98	5	0.284	SE	/
C2	20220303	Cloudy	Moderate	Mid-Flood	Surface	1	15:35	8.39	8.11	29.46	19.46	5.78	4	0.288	E	/
C2	20220303	Cloudy	Moderate	Mid-Flood	Middle	10.75	15:34	8.29	8.08	29.32	19.45	6.01	3	0.267	SE	/
C2	20220303	Cloudy	Moderate	Mid-Flood	Middle	10.75	15:34	8.39	8.09	29.43	19.43	6.12	4	0.306	SE	/
C2	20220303	Cloudy	Moderate	Mid-Flood	Bottom	20.5	15:33	8.41	8.09	29.31	19.46	6.76	4	0.269	SE	/
C2	20220303	Cloudy	Moderate	Mid-Flood	Bottom	20.5	15:33	8.33	8.18	29.43	19.44	6.58	3	0.296	SE	/
M1	20220303	Cloudy	Moderate	Mid-Flood	Surface	1	16:10	9.26	8.18	30.66	19.14	4.10	5	0.263	E	/
M1	20220303	Cloudy	Moderate	Mid-Flood	Surface	1	16:10	9.17	8.24	30.61	19.20	4.46	2.5	0.275	SE	/
M1	20220303	Cloudy	Moderate	Mid-Flood	Middle	3.45	16:09	9.18	8.22	30.57	19.09	4.41	3	0.291	E	/
M1	20220303	Cloudy	Moderate	Mid-Flood	Middle	3.45	16:09	9.17	8.23	30.72	19.08	4.44	5	0.278	E	/
M1	20220303	Cloudy	Moderate	Mid-Flood	Bottom	5.9	16:08	9.14	8.20	30.61	19.19	4.53	4	0.286	SE	/
M1	20220303	Cloudy	Moderate	Mid-Flood	Bottom	5.9	16:08	9.20	8.17	30.58	19.21	4.10	5	0.291	E	/
M2	20220303	Cloudy	Moderate	Mid-Flood	Surface	1	16:26	9.20	8.13	30.32	19.35	5.79	2.5	0.267	SE	/
M2	20220303	Cloudy	Moderate	Mid-Flood	Surface	1	16:26	9.34	8.10	30.36	19.36	5.74	3	0.295	SE	/
M2	20220303	Cloudy	Moderate	Mid-Flood	Middle	7.05	16:25	9.32	8.05	30.48	19.31	5.67	4	0.283	E	/
M2	20220303	Cloudy	Moderate	Mid-Flood	Middle	7.05	16:25	9.15	8.12	30.39	19.40	5.36	3	0.276	SE	/
M2	20220303	Cloudy	Moderate	Mid-Flood	Bottom	13.1	16:24	9.17	8.06	30.34	19.32	5.71	2.5	0.296	SE	/
M2	20220303	Cloudy	Moderate	Mid-Flood	Bottom	13.1	16:24	9.22	8.11	30.22	19.44	5.45	4	0.305	E	/
M3	20220303	Cloudy	Moderate	Mid-Flood	Surface	1	15:52	8.81	8.07	29.46	19.18	4.50	2.5	0.263	E	/
M3	20220303	Cloudy	Moderate	Mid-Flood	Surface	1	15:52	8.96	8.13	29.32	19.19	5.00	5	0.265	SE	/
M3	20220303	Cloudy	Moderate	Mid-Flood	Middle	3.85	15:51	8.88	8.15	29.33	19.17	4.95	2.5	0.281	E	/
M3	20220303	Cloudy	Moderate	Mid-Flood	Middle	3.85	15:51	8.87	8.07	29.51	19.25	4.51	3	0.311	E	/
M3	20220303	Cloudy	Moderate	Mid-Flood	Bottom	6.7	15:50	9.03	8.06	29.57	19.22	4.86	4	0.291	SE	/
M3	20220303	Cloudy	Moderate	Mid-Flood	Bottom	6.7	15:50	8.82	8.16	29.31	19.21	4.94	2.5	0.283	SE	/
M4	20220303	Cloudy	Moderate	Mid-Flood	Surface	1	17:02	9.18	8.25	29.86	19.26	3.99	3	0.292	E	/
M4	20220303	Cloudy	Moderate	Mid-Flood	Surface	1	17:02	9.03	8.29	29.80	19.20	4.41	4	0.308	SE	/
M4	20220303	Cloudy	Moderate	Mid-Flood	Bottom	4.7	17:01	9.11	8.18	30.03	19.20	4.27	4	0.299	E	/
M4	20220303	Cloudy	Moderate	Mid-Flood	Bottom	4.7	17:01	9.09	8.26	29.94	19.19	4.09	2.5	0.276	E	/
C1	20220305	Cloudy	Moderate	Mid-Flood	Surface	1	9:11	8.85	8.31	33.44	20.00	4.69	5	0.288	E	/
C1	20220305	Cloudy	Moderate	Mid-Flood	Surface	1	9:11	8.87	8.32	33.43	20.19	4.35	3	0.300	SE	/
C1	20220305	Cloudy	Moderate	Mid-Flood	Middle	10.85	9:10	8.66	8.33	33.52	20.04	4.98	3	0.263	SE	/
C1	20220305	Cloudy	Moderate	Mid-Flood	Middle	10.85	9:10	8.80	8.27	33.51	20.21	4.72	5	0.266	SE	/
C1	20220305	Cloudy	Moderate	Mid-Flood	Bottom	20.7	9:09	8.64	8.29	33.53	20.22	4.61	3	0.270	SE	/
C1	20220305	Cloudy	Moderate	Mid-Flood	Bottom	20.7	9:09	8.83	8.36	33.39	20.15	4.77	2.5	0.311	SE	/
C2	20220305	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.21	8.22	33.47	20.13	4.92	2.5	0.308	E	/
C2	20220305	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.13	8.17	33.63	20.03	4.89	4	0.269	SE	/
C2	20220305	Cloudy	Moderate	Mid-Flood	Middle	10.95	8:01	8.12	8.29	33.59	20.11	5.10	4	0.282	E	/
C2	20220305	Cloudy	Moderate	Mid-Flood	Middle	10.95	8:01	8.24	8.21	33.52	20.07	5.06	5	0.306	E	/
C2	20220305	Cloudy	Moderate	Mid-Flood	Bottom	20.9	8:00	8.20	8.22	33.55	20.05	5.85	4	0.311	E	/
C2	20220305	Cloudy	Moderate	Mid-Flood	Bottom	20.9	8:00	8.12	8.21	33.62	20.16	5.66	4	0.280	E	/
M1	20220305	Cloudy	Moderate	Mid-Flood	Surface	1	8:37	9.04	8.24	33.81	20.04	3.58	2.5	0.268	E	/
M1	20220305	Cloudy	Moderate	Mid-Flood	Surface	1	8:37	8.92	8.21	33.78	19.99	3.19	3	0.288	E	/
M1	20220305	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:36	8.94	8.27	33.81	19.97	3.43	5	0.266	E	/
M1	20220305	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:36	8.81	8.22	33.70	19.79	3.52	2.5	0.286	SE	/
M1	20220305	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:35	8.90	8.14	33.78	19.95	3.46	2.5	0.268	SE	/
M1	20220305	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:35	8.98	8.18	33.70	19.81	3.62	2.5	0.296	SE	/
M2	20220305	Cloudy	Moderate	Mid-Flood	Surface	1	8:55	8.13	8.05	33.23	20.05	4.91	4	0.311	SE	/
M2	20220305	Cloudy	Moderate	Mid-Flood	Surface	1	8:55	8.02	8.13	33.27	20.01	4.75	5	0.278	SE	/
M2	20220305	Cloudy	Moderate	Mid-Flood	Middle	6.65	8:54	8.18	8.09	33.33	20.04	4.92	5	0.280	SE	/
M2	20220305	Cloudy	Moderate	Mid-Flood	Middle	6.65	8:54	8.02	8.16	33.19	20.14	4.79	6	0.270	SE	/
M2	20220305	Cloudy	Moderate	Mid-Flood	Bottom	12.3	8:53	8.15	8.06	33.30	19.94	4.55	4	0.274	SE	/
M2	20220305	Cloudy	Moderate	Mid-Flood	Bottom	12.3	8:53	8.07	8.12	33.12	19.94	4.79	3	0.283	E	/
M3	20220305	Cloudy	Moderate	Mid-Flood	Surface	1	8:20	8.84	8.28	33.35	19.99	4.13	4	0.269	SE	/
M3	20220305	Cloudy	Moderate	Mid-Flood	Surface	1	8:20	8.73	8.18	33.47	20.08	3.99	4	0.279	E	/
M3	20220305	Cloudy	Moderate	Mid-Flood	Middle	3.95	8:19	8.70	8.26	33.33	19.97	4.07	3	0.306	SE	/
M3	20220305	Cloudy	Moderate	Mid-Flood	Middle	3.95	8:19	8.73	8.20	33.34	19.96	3.74	3	0.286	E	/
M3	20220305	Cloudy	Moderate	Mid-Flood	Bottom	6.9	8:18	8.80	8.15	33.39	19.89	4.08	2.5	0.292	SE	/
M3	20220305	Cloudy	Moderate	Mid-Flood	Bottom	6.9	8:18	8.59	8.18	33.35	19.97	3.94	3	0.309	E	/
M4	20220305	Cloudy	Moderate	Mid-Flood	Surface	1	9:26	8.79	8.14	33.79	20.01	3.22	5	0.265	SE	/
M4	20220305	Cloudy	Moderate	Mid-Flood	Surface	1	9:26	8.91	8.23	33.83	19.99	3.24	3	0.270	SE	/
M4	20220305	Cloudy	Moderate	Mid-Flood	Bottom	4.6	9:25	8.77	8.17	33.87	19.99	3.19	5	0.293	SE	/
M4	20220305	Cloudy	Moderate	Mid-Flood	Bottom	4.6	9:25	8.89	8.16	33.80	20.02	3.64	4	0.280	SE	/

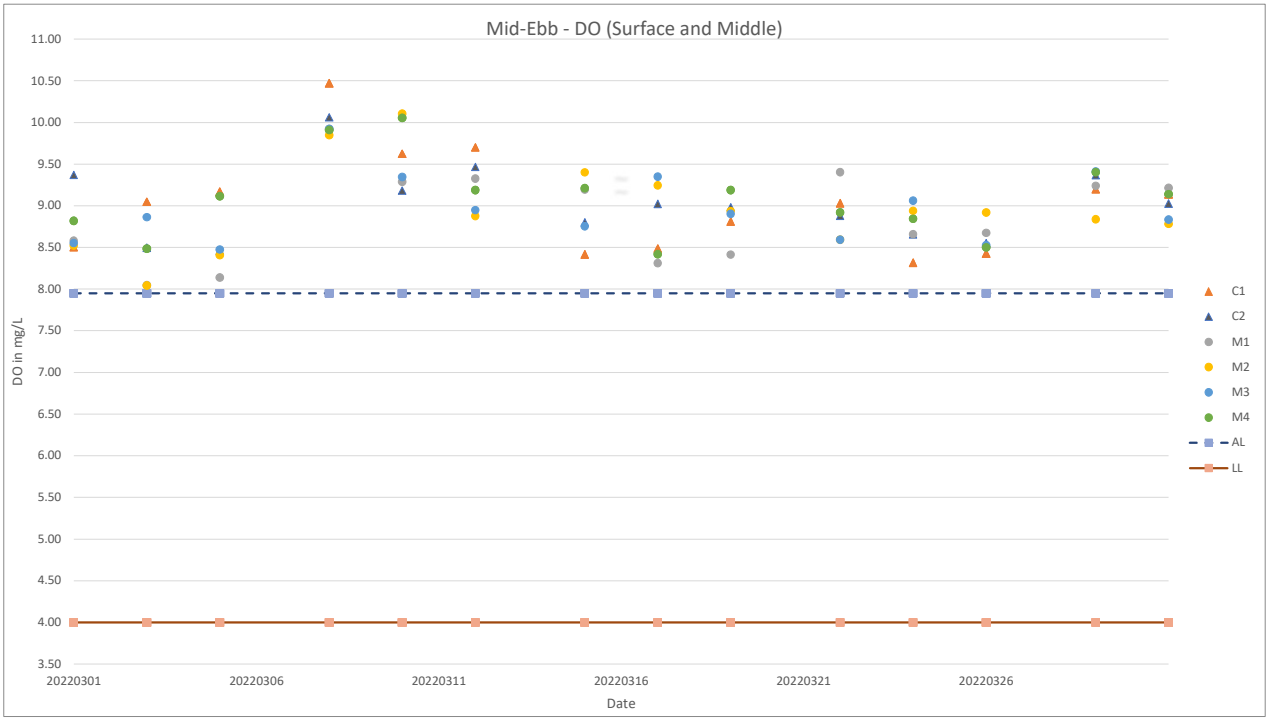
Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (?)	Turbidty (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20220308	Sunny	Moderate	Mid-Flood	Surface	1	9:12	10.02	8.46	33.08	17.40	5.13	3	0.298	SE	/
C1	20220308	Sunny	Moderate	Mid-Flood	Surface	1	9:12	10.09	8.44	33.12	17.40	5.04	3	0.278	SE	/
C1	20220308	Sunny	Moderate	Mid-Flood	Middle	10.25	9:11	10.12	8.35	33.02	17.27	5.44	3	0.273	E	/
C1	20220308	Sunny	Moderate	Mid-Flood	Middle	10.25	9:11	10.08	8.40	33.09	17.20	5.29	4	0.288	E	/
C1	20220308	Sunny	Moderate	Mid-Flood	Bottom	19.5	9:10	10.14	8.34	33.02	17.26	5.05	3	0.265	SE	/
C1	20220308	Sunny	Moderate	Mid-Flood	Bottom	19.5	9:10	9.98	8.36	33.07	17.27	5.28	3	0.295	SE	/
C2	20220308	Sunny	Moderate	Mid-Flood	Surface	1	8:02	9.92	8.40	33.23	17.29	5.97	5	0.270	E	/
C2	20220308	Sunny	Moderate	Mid-Flood	Surface	1	8:02	9.84	8.35	33.32	17.32	5.78	6	0.263	SE	/
C2	20220308	Sunny	Moderate	Mid-Flood	Middle	11.55	8:01	9.65	8.37	33.26	17.27	5.65	4	0.263	SE	/
C2	20220308	Sunny	Moderate	Mid-Flood	Middle	11.55	8:01	9.73	8.36	33.17	17.36	5.86	4	0.307	SE	/
C2	20220308	Sunny	Moderate	Mid-Flood	Bottom	22.1	8:00	9.92	8.34	33.14	17.39	5.94	2.5	0.263	SE	/
C2	20220308	Sunny	Moderate	Mid-Flood	Bottom	22.1	8:00	9.81	8.46	33.13	17.31	5.67	3	0.290	SE	/
M1	20220308	Sunny	Moderate	Mid-Flood	Surface	1	8:40	9.99	8.26	33.79	17.62	5.16	2.5	0.275	E	/
M1	20220308	Sunny	Moderate	Mid-Flood	Surface	1	8:40	9.99	8.22	33.71	17.59	4.78	2.5	0.309	E	/
M1	20220308	Sunny	Moderate	Mid-Flood	Middle	3.2	8:39	10.25	8.19	33.66	17.61	4.98	2.5	0.282	SE	/
M1	20220308	Sunny	Moderate	Mid-Flood	Middle	3.2	8:39	10.09	8.33	33.63	17.51	5.02	3	0.286	SE	/
M1	20220308	Sunny	Moderate	Mid-Flood	Bottom	5.4	8:38	10.17	8.21	33.65	17.45	4.88	3	0.305	E	/
M1	20220308	Sunny	Moderate	Mid-Flood	Bottom	5.4	8:38	10.12	8.21	33.67	17.59	5.02	3	0.294	SE	/
M2	20220308	Sunny	Moderate	Mid-Flood	Surface	1	8:55	9.35	8.34	32.68	17.51	4.15	2.5	0.267	SE	/
M2	20220308	Sunny	Moderate	Mid-Flood	Surface	1	8:55	9.20	8.30	32.61	17.44	4.14	2.5	0.303	SE	/
M2	20220308	Sunny	Moderate	Mid-Flood	Middle	6.05	8:54	9.21	8.30	32.79	17.34	4.10	3	0.291	SE	/
M2	20220308	Sunny	Moderate	Mid-Flood	Middle	6.05	8:54	9.42	8.43	32.69	17.39	4.48	3	0.273	SE	/
M2	20220308	Sunny	Moderate	Mid-Flood	Bottom	11.1	8:53	9.47	8.38	32.68	17.37	4.21	4	0.309	E	/
M2	20220308	Sunny	Moderate	Mid-Flood	Bottom	11.1	8:53	9.32	8.41	32.78	17.40	4.04	3	0.278	SE	/
M3	20220308	Sunny	Moderate	Mid-Flood	Surface	1	8:21	10.17	8.27	32.85	17.46	3.70	3	0.274	SE	/
M3	20220308	Sunny	Moderate	Mid-Flood	Surface	1	8:21	10.12	8.22	32.65	17.43	3.73	3	0.276	SE	/
M3	20220308	Sunny	Moderate	Mid-Flood	Middle	3.25	8:20	10.03	8.15	32.72	17.43	3.57	5	0.309	E	/
M3	20220308	Sunny	Moderate	Mid-Flood	Middle	3.25	8:20	10.09	8.28	32.69	17.41	3.71	4	0.305	SE	/
M3	20220308	Sunny	Moderate	Mid-Flood	Bottom	5.5	8:19	10.00	8.22	32.67	17.56	3.45	3	0.277	E	/
M3	20220308	Sunny	Moderate	Mid-Flood	Bottom	5.5	8:19	9.99	8.20	32.65	17.45	3.86	3	0.293	SE	/
M4	20220308	Sunny	Moderate	Mid-Flood	Surface	1	9:30	9.69	8.30	33.45	17.55	4.20	4	0.291	E	/
M4	20220308	Sunny	Moderate	Mid-Flood	Surface	1	9:30	9.77	8.41	33.44	17.53	4.19	6	0.309	SE	/
M4	20220308	Sunny	Moderate	Mid-Flood	Bottom	3.9	9:29	9.62	8.37	33.61	17.54	4.20	3	0.265	SE	/
M4	20220308	Sunny	Moderate	Mid-Flood	Bottom	3.9	9:29	9.84	8.28	33.44	17.59	4.45	4	0.264	E	/
C1	20220310	Sunny	Moderate	Mid-Flood	Surface	1	9:24	9.48	8.30	32.42	17.42	3.22	8	0.270	E	/
C1	20220310	Sunny	Moderate	Mid-Flood	Surface	1	9:24	9.73	8.29	32.20	17.63	3.12	6	0.285	SE	/
C1	20220310	Sunny	Moderate	Mid-Flood	Middle	11.45	9:23	9.61	8.15	32.40	17.53	3.21	3	0.305	E	/
C1	20220310	Sunny	Moderate	Mid-Flood	Middle	11.45	9:23	9.57	8.24	32.46	17.44	3.28	3	0.265	E	/
C1	20220310	Sunny	Moderate	Mid-Flood	Bottom	21.9	9:22	9.59	8.32	32.36	17.61	3.06	3	0.285	SE	/
C1	20220310	Sunny	Moderate	Mid-Flood	Bottom	21.9	9:22	9.74	8.26	32.43	17.43	3.34	3	0.281	SE	/
C2	20220310	Sunny	Moderate	Mid-Flood	Surface	1	8:17	9.39	8.36	32.78	17.39	3.65	2.5	0.270	E	/
C2	20220310	Sunny	Moderate	Mid-Flood	Surface	1	8:17	9.38	8.27	32.53	17.54	3.48	2.5	0.295	SE	/
C2	20220310	Sunny	Moderate	Mid-Flood	Middle	10.75	8:16	9.52	8.25	32.68	17.62	3.43	2.5	0.281	SE	/
C2	20220310	Sunny	Moderate	Mid-Flood	Middle	10.75	8:16	9.50	8.22	32.62	17.61	3.53	2.5	0.291	E	/
C2	20220310	Sunny	Moderate	Mid-Flood	Bottom	20.5	8:15	9.60	8.34	32.53	17.66	3.62	2.5	0.300	SE	/
C2	20220310	Sunny	Moderate	Mid-Flood	Bottom	20.5	8:15	9.43	8.28	32.60	17.60	3.49	2.5	0.266	SE	/
M1	20220310	Sunny	Moderate	Mid-Flood	Surface	1	8:52	9.02	8.25	31.37	17.72	2.11	2.5	0.307	E	/
M1	20220310	Sunny	Moderate	Mid-Flood	Surface	1	8:52	8.96	8.28	31.40	17.53	2.51	2.5	0.275	SE	/
M1	20220310	Sunny	Moderate	Mid-Flood	Middle	3.55	8:51	8.93	8.21	31.43	17.73	2.54	4	0.264	SE	/
M1	20220310	Sunny	Moderate	Mid-Flood	Middle	3.55	8:51	9.03	8.27	31.46	17.64	2.26	5	0.273	SE	/
M1	20220310	Sunny	Moderate	Mid-Flood	Bottom	6.1	8:50	8.85	8.22	31.51	17.58	2.16	3	0.310	SE	/
M1	20220310	Sunny	Moderate	Mid-Flood	Bottom	6.1	8:50	8.85	8.31	31.59	17.45	2.29	4	0.292	SE	/
M2	20220310	Sunny	Moderate	Mid-Flood	Surface	1	9:08	8.90	8.06	32.69	17.79	2.97	3	0.286	SE	/
M2	20220310	Sunny	Moderate	Mid-Flood	Surface	1	9:08	8.99	8.06	32.91	17.61	2.55	3	0.278	SE	/
M2	20220310	Sunny	Moderate	Mid-Flood	Middle	6.2	9:07	9.04	8.06	32.83	17.58	2.90	3	0.293	SE	/
M2	20220310	Sunny	Moderate	Mid-Flood	Middle	6.2	9:07	9.02	8.22	32.92	17.71	2.71	3	0.275	E	/
M2	20220310	Sunny	Moderate	Mid-Flood	Bottom	11.4	9:06	8.86	8.08	32.88	17.63	2.58	3	0.305	SE	/
M2	20220310	Sunny	Moderate	Mid-Flood	Bottom	11.4	9:06	8.82	8.23	32.81	17.62	2.77	3	0.310	SE	/
M3	20220310	Sunny	Moderate	Mid-Flood	Surface	1	8:35	9.14	8.29	32.40	17.50	2.07	2.5	0.275	E	/
M3	20220310	Sunny	Moderate	Mid-Flood	Surface	1	8:35	9.15	8.17	32.44	17.56	2.07	2.5	0.285	SE	/
M3	20220310	Sunny	Moderate	Mid-Flood	Middle	4	8:34	9.16	8.15	32.35	17.75	2.05	2.5	0.288	SE	/
M3	20220310	Sunny	Moderate	Mid-Flood	Middle	4	8:34	9.09	8.23	32.53	17.49	2.06	2.5	0.287	SE	/
M3	20220310	Sunny	Moderate	Mid-Flood	Bottom	7	8:33	9.27	8.27	32.50	17.70	2.16	2.5	0.268	E	/
M3	20220310	Sunny	Moderate	Mid-Flood	Bottom	7	8:33	9.21	8.24	32.41	17.79	1.93	2.5	0.273	E	/
M4	20220310	Sunny	Moderate	Mid-Flood	Surface	1	9:44	8.83	8.23	32.82	17.52	2.10	3	0.293	SE	/
M4	20220310	Sunny	Moderate	Mid-Flood	Surface	1	9:44	8.80	8.26	32.80	17.52	2.03	2.5	0.276	E	/
M4	20220310	Sunny	Moderate	Mid-Flood	Bottom	4.6	9:43	9.01	8.27	32.79	17.32	2.16	4	0.308	SE	/
M4	20220310	Sunny	Moderate	Mid-Flood	Bottom	4.6	9:43	8.85	8.22	32.68	17.45	2.11	4	0.283	E	/
C1	20220312	Sunny	Moderate	Mid-Flood	Surface	1	12:52	9.45	8.26	31.35	18.35	2.45	4	0.293	E	/
C1	20220312	Sunny	Moderate	Mid-Flood	Surface	1	12:52	9.42	8.20	31.36	18.34	2.50	4	0.274	E	/
C1	20220312	Sunny	Moderate	Mid-Flood	Middle	11.35	12:51	9.49	8.21	31.35	18.43	2.96	3	0.282	E	/
C1	20220312	Sunny	Moderate	Mid-Flood	Middle	11.35	12:51	9.38	8.27	31.38	18.23	2.77	4	0.304	E	/
C1	20220312	Sunny	Moderate	Mid-Flood	Bottom	21.7	12:50	9.41	8.22	31.51	18.37	3.28	4	0.309	SE	/
C1	20220312	Sunny	Moderate	Mid-Flood	Bottom	21.7	12:50	9.40	8.22	31.41	18.22	3.08	4	0.297	SE	/
C2	20220312	Sunny	Moderate	Mid-Flood	Surface	1	11:45	8.63	8.21	32.49	18.50	3.70	7	0.268	SE	/
C2	20220312	Sunny	Moderate	Mid-Flood	Surface	1	11:45	8.55	8.20	32.45	18.55	3.79	9	0.281	SE	/
C2	20220312	Sunny	Moderate	Mid-Flood	Middle	12.85	11:44	8.51	8.17	32.65	18.66	3.56	8	0.303	E	/
C2	20220312	Sunny	Moderate	Mid-Flood	Middle	12.85	11:44	8.60	8.24	32.60	18.50	3.32	9	0.275	SE	/
C2	20220312	Sunny	Moderate	Mid-Flood	Bottom	24.7	11:43	8.55	8.25	32.49	18.59	3.34	10	0.292	SE	/
C2	20220312	Sunny	Moderate	Mid-Flood	Bottom	24.7	11:43	8.51	8.17	32.66	18.56	3.68	7	0.275	E	/
M1	20220312	Sunny	Moderate	Mid-Flood	Surface	1	12:18	9.24	8.27	32.69	18.55	2.08	4	0.283	E	/
M1	20220312	Sunny	Moderate	Mid-Flood	Surface	1	12:18	9.32	8.30	32.81	18.50	2.06	5	0.300	SE	/
M1	20220312	Sunny	Moderate	Mid-Flood	Middle	3.6	12:17	9.34	8.25	32.79	18.61	1.97	6	0.270	SE	/
M1	20220312	Sunny	Moderate	Mid-Flood	Middle	3.6	12:17	9.32	8.26	32.87	18.47	2.11	8	0.279	E	/
M1	20220312	Sunny	Moderate	Mid-Flood	Bottom	6.2	12:16	9.24	8.28	32.79	18.52	2.23	9	0.280	E	/
M1	20220312	Sunny	Moderate	Mid-Flood	Bottom	6.2	12:16	9.36	8.24	32.70	18.49	2.10	7	0.288	SE	/
M2	20220312	Sunny	Moderate	Mid-Flood	Surface	1	12:35	8.65	8.12	32.88	18.34	1.92	6	0.297	E	/
M2	20220312	Sunny	Moderate	Mid-Flood	Surface	1	12:35	8.68	8.16	32.81	18.19	2.14	8	0.309	E	/
M2	20220312	Sunny	Moderate	Mid-Flood	Middle	6.4	12:34	8.72	8.19	32.64	18.35	1.98	6	0.286	SE	/
M2	20220312	Sunny	Moderate	Mid-Flood	Middle	6.4	12:34	8.63	8.17	32.84	18.36	2.10	6	0.271	SE	/
M2	20220312	Sunny	Moderate	Mid-Flood	Bottom	11.8	12:33	8.61	8.15	32.65	18.32	2.21	6	0.296	E	/
M2	20220312	Sunny	Moderate	Mid-Flood	Bottom	11.8	12:33	8.65	8.22	32.72	18.25	1.89	8	0.269	E	/
M3	20220312	Sunny	Moderate	Mid-Flood	Surface	1	12:01	9.55	8.39	31.71	18.36	1.51	6	0.287	SE	/
M3	20220312	Sunny	Moderate	Mid-Flood	Surface	1	12:01	9.44	8.43	31.78	18.48	1.35	6	0.272	E	/
M3	20220312	Sunny	Moderate	Mid-Flood	Middle	3.65	12:00	9.47	8.37	31.66	18.32	1.73	6	0.302	SE	/
M3	20220312	Sunny	Moderate	Mid-Flood	Middle	3.65	12:00	9.56	8.43	31.85	18.35	1.82	6	0.271	E	/
M3	20220312	Sunny	Moderate	Mid-Flood	Bottom	6.3	11:59	9.46	8.40	31.75	18.44	1.47	7	0.282	SE	/
M3	20220312	Sunny	Moderate	Mid-Flood	Bottom	6.3	11:59	9.45	8.36	31.72	18.46	1.34	3	0.263	E	/
M4	20220312	Sunny	Moderate	Mid-Flood	Surface	1	13:08	9.58	8.37	32.48	18.37	1.76	4	0.295	SE	/
M4	20220312	Sunny	Moderate	Mid-Flood	Surface	1	13:08	9.50	8.33	32.52	18.14	1.53	4	0.307	E	/
M4	20220312	Sunny	Moderate	Mid-Flood	Bottom	4.1	13:07	9.57	8.35	32.38	18.38	1.62	5	0.309	E	/
M4	20220312	Sunny	Moderate	Mid-Flood	Bottom	4.1	13:07	9.53	8.37	32.39	18.23	1.53	6	0.270	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	20220315	Sunny	Moderate	Mid-Flood	Surface	1	15:10	9.64	8.19	32.73	19.20	3.90	3	0.298	E	/
C1	20220315	Sunny	Moderate	Mid-Flood	Surface	1	15:10	9.68	8.16	32.71	19.14	3.87	5	0.294	SE	/
C1	20220315	Sunny	Moderate	Mid-Flood	Middle	11.55	15:09	9.55	8.21	32.77	19.23	4.54	4	0.273	SE	/
C1	20220315	Sunny	Moderate	Mid-Flood	Middle	11.55	15:09	9.71	8.19	32.71	19.13	4.42	2.5	0.288	SE	/
C1	20220315	Sunny	Moderate	Mid-Flood	Bottom	22.1	15:08	9.63	8.16	32.57	19.28	4.76	4	0.300	E	/
C1	20220315	Sunny	Moderate	Mid-Flood	Bottom	22.1	15:08	9.66	8.21	32.80	19.20	4.67	5	0.283	E	/
C2	20220315	Sunny	Moderate	Mid-Flood	Surface	1	14:05	9.36	8.28	31.79	19.28	4.44	4	0.286	E	/
C2	20220315	Sunny	Moderate	Mid-Flood	Surface	1	14:05	9.38	8.28	31.87	19.38	4.68	3	0.299	SE	/
C2	20220315	Sunny	Moderate	Mid-Flood	Middle	12.55	14:04	9.34	8.41	31.80	19.28	4.80	3	0.288	SE	/
C2	20220315	Sunny	Moderate	Mid-Flood	Middle	12.55	14:04	9.50	8.31	32.02	19.09	4.35	4	0.280	SE	/
C2	20220315	Sunny	Moderate	Mid-Flood	Bottom	24.1	14:03	9.33	8.36	31.75	19.34	5.41	2.5	0.310	E	/
C2	20220315	Sunny	Moderate	Mid-Flood	Bottom	24.1	14:03	9.31	8.41	31.85	19.20	5.66	2.5	0.281	SE	/
M1	20220315	Sunny	Moderate	Mid-Flood	Surface	1	14:40	8.56	8.26	32.99	19.30	3.52	2.5	0.263	E	/
M1	20220315	Sunny	Moderate	Mid-Flood	Surface	1	14:40	8.68	8.15	32.93	19.40	3.66	3	0.304	SE	/
M1	20220315	Sunny	Moderate	Mid-Flood	Middle	3.55	14:39	8.69	8.26	33.06	19.33	3.82	3	0.280	SE	/
M1	20220315	Sunny	Moderate	Mid-Flood	Middle	3.55	14:39	8.71	8.17	32.89	19.33	3.56	3	0.295	E	/
M1	20220315	Sunny	Moderate	Mid-Flood	Bottom	6.1	14:38	8.62	8.15	32.99	19.41	3.75	2.5	0.298	SE	/
M1	20220315	Sunny	Moderate	Mid-Flood	Bottom	6.1	14:38	8.63	8.20	32.96	19.38	3.35	2.5	0.308	SE	/
M2	20220315	Sunny	Moderate	Mid-Flood	Surface	1	14:55	9.23	8.15	32.94	19.18	2.51	5	0.276	SE	/
M2	20220315	Sunny	Moderate	Mid-Flood	Surface	1	14:55	9.28	8.29	32.75	19.22	2.56	3	0.283	SE	/
M2	20220315	Sunny	Moderate	Mid-Flood	Middle	6.25	14:54	9.34	8.31	32.85	19.26	2.59	3	0.278	E	/
M2	20220315	Sunny	Moderate	Mid-Flood	Middle	6.25	14:54	9.35	8.24	32.91	19.21	2.37	5	0.311	SE	/
M2	20220315	Sunny	Moderate	Mid-Flood	Bottom	11.5	14:53	9.35	8.29	32.93	19.15	2.32	2.5	0.280	E	/
M2	20220315	Sunny	Moderate	Mid-Flood	Bottom	11.5	14:53	9.28	8.17	32.78	19.14	2.57	4	0.277	SE	/
M3	20220315	Sunny	Moderate	Mid-Flood	Surface	1	14:24	8.88	8.21	32.40	19.37	3.27	2.5	0.290	SE	/
M3	20220315	Sunny	Moderate	Mid-Flood	Surface	1	14:24	8.78	8.28	32.49	19.44	3.46	2.5	0.304	E	/
M3	20220315	Sunny	Moderate	Mid-Flood	Middle	3.45	14:23	8.90	8.34	32.50	19.41	3.43	2.5	0.300	SE	/
M3	20220315	Sunny	Moderate	Mid-Flood	Middle	3.45	14:23	8.82	8.20	32.61	19.21	3.16	2.5	0.285	SE	/
M3	20220315	Sunny	Moderate	Mid-Flood	Bottom	5.9	14:22	8.88	8.29	32.55	19.17	3.33	2.5	0.295	SE	/
M3	20220315	Sunny	Moderate	Mid-Flood	Bottom	5.9	14:22	8.78	8.19	32.54	19.37	3.44	4	0.280	SE	/
M4	20220315	Sunny	Moderate	Mid-Flood	Surface	1	15:25	9.20	8.36	32.93	18.98	3.60	5	0.273	SE	/
M4	20220315	Sunny	Moderate	Mid-Flood	Surface	1	15:25	9.12	8.32	33.02	19.11	3.34	3	0.284	SE	/
M4	20220315	Sunny	Moderate	Mid-Flood	Bottom	3.6	15:24	9.04	8.30	33.11	19.21	3.38	2.5	0.289	SE	/
M4	20220315	Sunny	Moderate	Mid-Flood	Bottom	3.6	15:24	9.09	8.33	33.06	18.98	3.52	5	0.293	SE	/
C1	20220317	Cloudy	Moderate	Mid-Flood	Surface	1	16:31	8.76	8.14	29.78	20.55	2.79	4	0.303	SE	/
C1	20220317	Cloudy	Moderate	Mid-Flood	Surface	1	16:31	9.01	8.11	29.85	20.52	2.75	2.5	0.278	SE	/
C1	20220317	Cloudy	Moderate	Mid-Flood	Middle	10.6	16:30	8.84	8.16	29.75	20.39	2.87	3	0.295	SE	/
C1	20220317	Cloudy	Moderate	Mid-Flood	Middle	10.6	16:30	8.93	8.14	29.82	20.57	2.88	2.5	0.309	E	/
C1	20220317	Cloudy	Moderate	Mid-Flood	Bottom	20.2	16:29	9.02	8.16	29.86	20.53	2.68	2.5	0.274	SE	/
C1	20220317	Cloudy	Moderate	Mid-Flood	Bottom	20.2	16:29	8.99	8.07	29.64	20.64	2.90	2.5	0.283	SE	/
C2	20220317	Cloudy	Moderate	Mid-Flood	Surface	1	15:35	9.04	8.25	30.02	20.30	2.93	3	0.296	SE	/
C2	20220317	Cloudy	Moderate	Mid-Flood	Surface	1	15:35	8.93	8.20	29.85	20.57	3.12	2.5	0.265	E	/
C2	20220317	Cloudy	Moderate	Mid-Flood	Middle	11.8	15:34	9.16	8.27	29.90	20.36	3.23	3	0.273	E	/
C2	20220317	Cloudy	Moderate	Mid-Flood	Middle	11.8	15:34	9.00	8.30	29.97	20.44	3.25	3	0.282	E	/
C2	20220317	Cloudy	Moderate	Mid-Flood	Bottom	22.6	15:33	9.06	8.23	30.11	20.45	3.25	3	0.300	SE	/
C2	20220317	Cloudy	Moderate	Mid-Flood	Bottom	22.6	15:33	9.13	8.27	30.02	20.59	3.12	4	0.290	E	/
M1	20220317	Cloudy	Moderate	Mid-Flood	Surface	1	16:01	8.96	8.26	30.56	20.32	1.95	3	0.271	SE	/
M1	20220317	Cloudy	Moderate	Mid-Flood	Surface	1	16:01	8.96	8.19	30.49	20.58	2.20	3	0.290	E	/
M1	20220317	Cloudy	Moderate	Mid-Flood	Middle	3.5	16:00	8.67	8.25	30.57	20.59	1.91	9	0.292	SE	/
M1	20220317	Cloudy	Moderate	Mid-Flood	Middle	3.5	16:00	8.92	8.20	30.44	20.31	2.11	8	0.294	SE	/
M1	20220317	Cloudy	Moderate	Mid-Flood	Bottom	6	15:59	8.86	8.31	30.68	20.33	2.08	3	0.308	E	/
M1	20220317	Cloudy	Moderate	Mid-Flood	Bottom	6	15:59	8.87	8.20	30.63	20.43	1.81	2.5	0.301	E	/
M2	20220317	Cloudy	Moderate	Mid-Flood	Surface	1	16:14	9.47	8.17	29.38	20.37	2.49	3	0.279	E	/
M2	20220317	Cloudy	Moderate	Mid-Flood	Surface	1	16:14	9.27	8.05	29.35	20.45	2.52	4	0.273	SE	/
M2	20220317	Cloudy	Moderate	Mid-Flood	Middle	7	16:13	9.44	8.18	29.22	20.25	2.24	3	0.308	E	/
M2	20220317	Cloudy	Moderate	Mid-Flood	Middle	7	16:13	9.34	8.14	29.38	20.38	2.26	2.5	0.276	SE	/
M2	20220317	Cloudy	Moderate	Mid-Flood	Bottom	13	16:12	9.58	8.07	29.28	20.55	2.03	5	0.263	SE	/
M2	20220317	Cloudy	Moderate	Mid-Flood	Bottom	13	16:12	9.36	8.10	29.19	20.50	2.05	3	0.280	SE	/
M3	20220317	Cloudy	Moderate	Mid-Flood	Surface	1	15:48	9.35	8.05	30.66	20.75	1.84	4	0.294	SE	/
M3	20220317	Cloudy	Moderate	Mid-Flood	Surface	1	15:48	9.43	8.18	30.47	20.69	1.55	3	0.308	SE	/
M3	20220317	Cloudy	Moderate	Mid-Flood	Middle	3.5	15:47	9.29	8.15	30.47	20.65	1.75	4	0.273	E	/
M3	20220317	Cloudy	Moderate	Mid-Flood	Middle	3.5	15:47	9.30	8.17	30.60	20.46	1.89	5	0.263	E	/
M3	20220317	Cloudy	Moderate	Mid-Flood	Bottom	6	15:46	9.43	8.16	30.54	20.53	1.62	4	0.271	E	/
M3	20220317	Cloudy	Moderate	Mid-Flood	Bottom	6	15:46	9.33	8.09	30.58	20.72	1.75	2.5	0.297	E	/
M4	20220317	Cloudy	Moderate	Mid-Flood	Surface	1	16:46	8.59	8.12	30.07	20.33	1.71	3	0.302	SE	/
M4	20220317	Cloudy	Moderate	Mid-Flood	Surface	1	16:46	8.71	8.07	30.12	20.37	1.98	2.5	0.278	SE	/
M4	20220317	Cloudy	Moderate	Mid-Flood	Bottom	4.3	16:45	8.53	8.08	30.32	20.32	1.79	2.5	0.263	E	/
M4	20220317	Cloudy	Moderate	Mid-Flood	Bottom	4.3	16:45	8.42	8.03	30.11	20.48	1.96	4	0.297	SE	/
C1	20220319	Cloudy	Moderate	Mid-Flood	Surface	1	8:56	8.88	8.33	31.41	19.45	3.19	2.5	0.276	SE	/
C1	20220319	Cloudy	Moderate	Mid-Flood	Surface	1	8:56	8.71	8.41	31.42	19.52	3.12	2.5	0.300	E	/
C1	20220319	Cloudy	Moderate	Mid-Flood	Middle	10.45	8:55	8.87	8.37	31.26	19.43	2.84	2.5	0.298	SE	/
C1	20220319	Cloudy	Moderate	Mid-Flood	Middle	10.45	8:55	8.86	8.43	31.31	19.49	3.05	4	0.304	SE	/
C1	20220319	Cloudy	Moderate	Mid-Flood	Bottom	19.9	8:54	8.78	8.44	31.31	19.40	2.75	4	0.303	SE	/
C1	20220319	Cloudy	Moderate	Mid-Flood	Bottom	19.9	8:54	8.74	8.34	31.35	19.47	2.89	2.5	0.307	SE	/
C2	20220319	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.75	8.28	31.46	19.37	3.66	3	0.303	SE	/
C2	20220319	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.80	8.24	31.40	19.54	3.40	2.5	0.274	E	/
C2	20220319	Cloudy	Moderate	Mid-Flood	Middle	11.8	8:01	8.92	8.24	31.41	19.50	3.81	2.5	0.283	SE	/
C2	20220319	Cloudy	Moderate	Mid-Flood	Middle	11.8	8:01	8.83	8.33	31.44	19.49	3.41	4	0.270	E	/
C2	20220319	Cloudy	Moderate	Mid-Flood	Bottom	22.6	8:00	8.85	8.31	31.45	19.40	3.44	2.5	0.282	E	/
C2	20220319	Cloudy	Moderate	Mid-Flood	Bottom	22.6	8:00	8.83	8.28	31.42	19.40	3.30	3	0.290	SE	/
M1	20220319	Cloudy	Moderate	Mid-Flood	Surface	1	8:28	8.76	8.30	31.39	19.45	2.34	2.5	0.268	SE	/
M1	20220319	Cloudy	Moderate	Mid-Flood	Surface	1	8:28	8.90	8.41	31.41	19.40	2.15	3	0.263	SE	/
M1	20220319	Cloudy	Moderate	Mid-Flood	Middle	3.55	8:27	8.84	8.38	31.34	19.30	2.21	3	0.296	E	/
M1	20220319	Cloudy	Moderate	Mid-Flood	Middle	3.55	8:27	8.78	8.36	31.22	19.46	2.19	3	0.267	SE	/
M1	20220319	Cloudy	Moderate	Mid-Flood	Bottom	6.1	8:26	8.80	8.29	31.39	19.45	2.46	4	0.290	E	/
M1	20220319	Cloudy	Moderate	Mid-Flood	Bottom	6.1	8:26	8.94	8.38	31.30	19.43	2.41	3	0.296	SE	/
M2	20220319	Cloudy	Moderate	Mid-Flood	Surface	1	8:41	8.46	8.36	32.68	19.39	2.53	4	0.309	SE	/
M2	20220319	Cloudy	Moderate	Mid-Flood	Surface	1	8:41	8.33	8.39	32.58	19.42	2.37	4	0.271	SE	/
M2	20220319	Cloudy	Moderate	Mid-Flood	Middle	6.55	8:40	8.37	8.38	32.59	19.53	2.70	3	0.302	E	/
M2	20220319	Cloudy	Moderate	Mid-Flood	Middle	6.55	8:40	8.47	8.37	32.58	19.34	2.41	3	0.300	SE	/
M2	20220319	Cloudy	Moderate	Mid-Flood	Bottom	12.1	8:39	8.47	8.39	32.69	19.37	2.78	5	0.297	SE	/
M2	20220319	Cloudy	Moderate	Mid-Flood	Bottom	12.1	8:39	8.50	8.43	32.81	19.48	2.79	4	0.289	SE	/
M3	20220319	Cloudy	Moderate	Mid-Flood	Surface	1	8:15	9.43	8.26	32.36	19.36	2.87	4	0.286	E	/
M3	20220319	Cloudy	Moderate	Mid-Flood	Surface	1	8:15	9.38	8.23	32.49	19.52	2.68	2.5	0.294	E	/
M3	20220319	Cloudy	Moderate	Mid-Flood	Middle	3.3	8:14	9.35	8.32	32.48	19.51	2.97	3	0.298	SE	/
M3	20220319	Cloudy	Moderate	Mid-Flood	Middle	3.3	8:14	9.33	8.26	32.35	19.37	2.78	4	0.278	E	/
M3	20220319	Cloudy	Moderate	Mid-Flood	Bottom	5.6	8:13	9.27	8.23	32.47	19.43	3.00	4	0.287	SE	/
M3	20220319	Cloudy	Moderate	Mid-Flood	Bottom	5.6	8:13	9.26	8.30	32.35	19.49	3.12	2.5	0.264	SE	/
M4	20220319	Cloudy	Moderate	Mid-Flood	Surface	1	9:13	8.71	8.24	31.61	19.20	2.40	4	0.265	SE	/
M4	20220319	Cloudy	Moderate	Mid-Flood	Surface	1	9:13	8.80	8.24	31.54	19.22	2.31	5	0.277	SE	/
M4	20220319	Cloudy	Moderate	Mid-Flood	Bottom	3.5	9:12	8.72	8.29	31.45	19.30	2.12	5	0.286	SE	/
M4	20220319	Cloudy	Moderate	Mid-Flood	Bottom	3.5	9:12	8.70	8.28	31.60	19.17	2.28	3	0.309	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	20220322	Cloudy	Moderate	Mid-Flood	Surface	1	9:12	8.25	8.26	32.75	19.47	3.01	5	0.270	E	/
C1	20220322	Cloudy	Moderate	Mid-Flood	Surface	1	9:12	8.26	8.24	32.73	19.53	3.15	2.5	0.287	SE	/
C1	20220322	Cloudy	Moderate	Mid-Flood	Middle	10	9:11	8.19	8.33	32.83	19.66	2.82	3	0.300	E	/
C1	20220322	Cloudy	Moderate	Mid-Flood	Middle	10	9:11	8.05	8.24	32.74	19.64	2.96	2.5	0.264	SE	/
C1	20220322	Cloudy	Moderate	Mid-Flood	Bottom	19	9:10	8.06	8.36	32.79	19.52	3.34	3	0.263	E	/
C1	20220322	Cloudy	Moderate	Mid-Flood	Bottom	19	9:10	8.26	8.33	32.79	19.44	3.17	2.5	0.273	SE	/
C2	20220322	Cloudy	Moderate	Mid-Flood	Surface	1	8:12	8.83	8.47	32.70	19.52	3.55	2.5	0.276	SE	/
C2	20220322	Cloudy	Moderate	Mid-Flood	Surface	1	8:12	8.91	8.38	32.65	19.59	3.69	3	0.273	SE	/
C2	20220322	Cloudy	Moderate	Mid-Flood	Middle	12.7	8:11	8.88	8.45	32.75	19.71	3.28	4	0.305	E	/
C2	20220322	Cloudy	Moderate	Mid-Flood	Middle	12.7	8:11	8.92	8.38	32.68	19.72	3.35	2.5	0.284	E	/
C2	20220322	Cloudy	Moderate	Mid-Flood	Bottom	24.4	8:10	8.84	8.36	32.73	19.53	4.06	2.5	0.264	SE	/
C2	20220322	Cloudy	Moderate	Mid-Flood	Bottom	24.4	8:10	8.78	8.36	32.69	19.64	4.02	2.5	0.302	SE	/
M1	20220322	Cloudy	Moderate	Mid-Flood	Surface	1	8:42	8.88	8.29	33.87	19.63	1.64	2.5	0.274	E	/
M1	20220322	Cloudy	Moderate	Mid-Flood	Surface	1	8:42	8.96	8.30	33.81	19.67	1.76	2.5	0.266	SE	/
M1	20220322	Cloudy	Moderate	Mid-Flood	Middle	3.55	8:41	8.79	8.26	33.92	19.44	1.97	2.5	0.306	E	/
M1	20220322	Cloudy	Moderate	Mid-Flood	Middle	3.55	8:41	9.04	8.32	33.87	19.61	1.97	4	0.303	E	/
M1	20220322	Cloudy	Moderate	Mid-Flood	Bottom	6.1	8:40	9.04	8.25	33.87	19.50	2.03	2.5	0.272	SE	/
M1	20220322	Cloudy	Moderate	Mid-Flood	Bottom	6.1	8:40	8.87	8.30	33.83	19.58	2.06	2.5	0.270	E	/
M2	20220322	Cloudy	Moderate	Mid-Flood	Surface	1	8:55	8.33	8.40	32.72	19.86	2.79	2.5	0.281	SE	/
M2	20220322	Cloudy	Moderate	Mid-Flood	Surface	1	8:55	8.43	8.37	32.65	19.88	2.97	4	0.308	E	/
M2	20220322	Cloudy	Moderate	Mid-Flood	Middle	6.55	8:54	8.54	8.47	32.74	19.81	2.92	2.5	0.269	E	/
M2	20220322	Cloudy	Moderate	Mid-Flood	Middle	6.55	8:54	8.48	8.39	32.63	19.69	2.98	2.5	0.301	SE	/
M2	20220322	Cloudy	Moderate	Mid-Flood	Bottom	12.1	8:53	8.42	8.47	32.73	19.74	2.62	3	0.268	E	/
M2	20220322	Cloudy	Moderate	Mid-Flood	Bottom	12.1	8:53	8.48	8.38	32.62	19.92	3.05	6	0.306	E	/
M3	20220322	Cloudy	Moderate	Mid-Flood	Surface	1	8:29	9.25	8.31	32.56	19.77	2.59	2.5	0.273	SE	/
M3	20220322	Cloudy	Moderate	Mid-Flood	Surface	1	8:29	9.39	8.25	32.63	19.65	2.63	2.5	0.270	SE	/
M3	20220322	Cloudy	Moderate	Mid-Flood	Middle	3.8	8:28	9.37	8.33	32.59	19.52	2.48	3	0.277	SE	/
M3	20220322	Cloudy	Moderate	Mid-Flood	Middle	3.8	8:28	9.27	8.30	32.57	19.62	2.54	2.5	0.284	E	/
M3	20220322	Cloudy	Moderate	Mid-Flood	Bottom	6.6	8:27	9.41	8.25	32.59	19.66	2.46	3	0.304	SE	/
M3	20220322	Cloudy	Moderate	Mid-Flood	Bottom	6.6	8:27	9.25	8.27	32.61	19.77	2.70	2.5	0.279	SE	/
M4	20220322	Cloudy	Moderate	Mid-Flood	Surface	1	9:28	8.33	8.29	33.39	19.74	1.99	2.5	0.311	E	/
M4	20220322	Cloudy	Moderate	Mid-Flood	Surface	1	9:28	8.46	8.33	33.42	19.70	2.36	2.5	0.265	SE	/
M4	20220322	Cloudy	Moderate	Mid-Flood	Bottom	3.9	9:27	8.38	8.35	33.41	19.70	2.37	2.5	0.267	SE	/
M4	20220322	Cloudy	Moderate	Mid-Flood	Bottom	3.9	9:27	8.49	8.33	33.39	19.58	2.09	2.5	0.282	SE	/
C1	20220324	Cloudy	Moderate	Mid-Flood	Surface	1	8:59	8.68	8.49	33.09	19.68	2.84	3	0.294	SE	/
C1	20220324	Cloudy	Moderate	Mid-Flood	Surface	1	8:59	8.56	8.45	33.06	19.63	2.77	3	0.263	SE	/
C1	20220324	Cloudy	Moderate	Mid-Flood	Middle	9.65	8:58	8.69	8.42	33.12	19.71	2.95	3	0.311	SE	/
C1	20220324	Cloudy	Moderate	Mid-Flood	Middle	9.65	8:58	8.63	8.39	33.24	19.72	3.02	2.5	0.285	SE	/
C1	20220324	Cloudy	Moderate	Mid-Flood	Bottom	18.3	8:57	8.62	8.42	33.13	19.72	2.83	2.5	0.309	E	/
C1	20220324	Cloudy	Moderate	Mid-Flood	Bottom	18.3	8:57	8.69	8.45	33.22	19.69	2.91	2.5	0.265	SE	/
C2	20220324	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.67	8.44	33.55	19.69	3.06	6	0.263	E	/
C2	20220324	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.75	8.44	33.64	19.82	3.04	3	0.287	SE	/
C2	20220324	Cloudy	Moderate	Mid-Flood	Middle	10.95	8:01	8.62	8.34	33.63	19.73	3.09	3	0.288	SE	/
C2	20220324	Cloudy	Moderate	Mid-Flood	Middle	10.95	8:01	8.73	8.32	33.61	19.88	3.46	2.5	0.271	E	/
C2	20220324	Cloudy	Moderate	Mid-Flood	Bottom	20.9	8:00	8.65	8.33	33.60	19.75	3.43	3	0.310	SE	/
C2	20220324	Cloudy	Moderate	Mid-Flood	Bottom	20.9	8:00	8.64	8.32	33.50	19.73	3.33	5	0.284	SE	/
M1	20220324	Cloudy	Moderate	Mid-Flood	Surface	1	8:32	8.91	8.40	32.68	19.58	2.12	2.5	0.311	SE	/
M1	20220324	Cloudy	Moderate	Mid-Flood	Surface	1	8:32	8.81	8.46	32.65	19.63	2.40	2.5	0.305	E	/
M1	20220324	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:31	8.75	8.39	32.48	19.64	2.31	4	0.287	E	/
M1	20220324	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:31	8.80	8.47	32.66	19.54	2.39	3	0.275	SE	/
M1	20220324	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:30	8.84	8.42	32.64	19.67	2.38	2.5	0.311	E	/
M1	20220324	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:30	8.91	8.48	32.65	19.56	2.06	2.5	0.272	SE	/
M2	20220324	Cloudy	Moderate	Mid-Flood	Surface	1	8:44	8.13	8.37	32.47	19.83	2.17	2.5	0.289	SE	/
M2	20220324	Cloudy	Moderate	Mid-Flood	Surface	1	8:44	8.04	8.30	32.36	19.86	2.35	3	0.285	SE	/
M2	20220324	Cloudy	Moderate	Mid-Flood	Middle	5.8	8:43	8.12	8.35	32.33	19.72	2.07	3	0.305	E	/
M2	20220324	Cloudy	Moderate	Mid-Flood	Middle	5.8	8:43	8.07	8.29	32.51	19.78	2.34	2.5	0.292	SE	/
M2	20220324	Cloudy	Moderate	Mid-Flood	Bottom	10.6	8:42	8.05	8.37	32.50	19.76	2.14	4	0.310	SE	/
M2	20220324	Cloudy	Moderate	Mid-Flood	Bottom	10.6	8:42	8.06	8.36	32.46	19.86	2.09	3	0.270	E	/
M3	20220324	Cloudy	Moderate	Mid-Flood	Surface	1	8:18	8.36	8.28	32.51	19.89	1.91	3	0.272	SE	/
M3	20220324	Cloudy	Moderate	Mid-Flood	Surface	1	8:18	8.29	8.22	32.40	19.73	2.19	3	0.275	SE	/
M3	20220324	Cloudy	Moderate	Mid-Flood	Middle	3.9	8:17	8.36	8.15	32.51	19.79	2.12	3	0.298	SE	/
M3	20220324	Cloudy	Moderate	Mid-Flood	Middle	3.9	8:17	8.36	8.19	32.52	19.70	2.07	2.5	0.310	E	/
M3	20220324	Cloudy	Moderate	Mid-Flood	Bottom	6.8	8:16	8.26	8.20	32.47	19.70	2.17	3	0.265	E	/
M3	20220324	Cloudy	Moderate	Mid-Flood	Bottom	6.8	8:16	8.31	8.23	32.47	19.79	1.98	2.5	0.271	SE	/
M4	20220324	Cloudy	Moderate	Mid-Flood	Surface	1	9:15	8.90	8.40	33.25	19.65	2.17	2.5	0.291	E	/
M4	20220324	Cloudy	Moderate	Mid-Flood	Surface	1	9:15	8.89	8.42	33.28	19.79	2.03	3	0.284	SE	/
M4	20220324	Cloudy	Moderate	Mid-Flood	Bottom	3.5	9:14	8.75	8.37	33.19	19.64	2.11	3	0.299	SE	/
M4	20220324	Cloudy	Moderate	Mid-Flood	Bottom	3.5	9:14	8.76	8.40	33.27	19.81	1.89	2.5	0.269	SE	/
C1	20220326	Cloudy	Moderate	Mid-Flood	Surface	1	9:01	8.17	8.28	31.97	20.06	4.00	3	0.293	E	/
C1	20220326	Cloudy	Moderate	Mid-Flood	Surface	1	9:01	8.23	8.25	32.06	19.98	3.97	3	0.283	SE	/
C1	20220326	Cloudy	Moderate	Mid-Flood	Middle	10.65	9:00	8.11	8.31	31.94	19.98	3.84	2.5	0.281	SE	/
C1	20220326	Cloudy	Moderate	Mid-Flood	Middle	10.65	9:00	8.24	8.22	32.00	19.98	3.77	2.5	0.300	SE	/
C1	20220326	Cloudy	Moderate	Mid-Flood	Bottom	20.3	8:59	8.18	8.29	31.94	19.97	3.90	3	0.310	SE	/
C1	20220326	Cloudy	Moderate	Mid-Flood	Bottom	20.3	8:59	8.29	8.31	31.93	19.99	4.08	2.5	0.299	SE	/
C2	20220326	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	9.14	8.05	31.78	19.92	3.83	2.5	0.307	E	/
C2	20220326	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.97	8.04	31.75	20.04	3.81	5	0.284	E	/
C2	20220326	Cloudy	Moderate	Mid-Flood	Middle	11.45	8:01	8.96	8.19	31.77	19.98	3.92	5	0.291	SE	/
C2	20220326	Cloudy	Moderate	Mid-Flood	Middle	11.45	8:01	9.10	8.12	31.74	19.90	3.72	6	0.310	SE	/
C2	20220326	Cloudy	Moderate	Mid-Flood	Bottom	21.9	8:00	9.16	8.09	31.70	20.02	3.75	3	0.279	SE	/
C2	20220326	Cloudy	Moderate	Mid-Flood	Bottom	21.9	8:00	9.00	8.07	31.81	20.02	3.66	3	0.302	E	/
M1	20220326	Cloudy	Moderate	Mid-Flood	Surface	1	8:29	8.05	8.33	30.75	19.95	3.36	4	0.270	SE	/
M1	20220326	Cloudy	Moderate	Mid-Flood	Surface	1	8:29	8.04	8.25	30.74	19.99	3.54	2.5	0.273	E	/
M1	20220326	Cloudy	Moderate	Mid-Flood	Middle	3.25	8:28	8.09	8.28	30.80	19.89	3.52	3	0.297	SE	/
M1	20220326	Cloudy	Moderate	Mid-Flood	Middle	3.25	8:28	8.30	8.23	30.75	19.91	3.44	3	0.307	SE	/
M1	20220326	Cloudy	Moderate	Mid-Flood	Bottom	5.5	8:27	8.17	8.27	30.82	20.00	3.67	4	0.289	SE	/
M1	20220326	Cloudy	Moderate	Mid-Flood	Bottom	5.5	8:27	8.23	8.24	30.79	20.00	3.49	3	0.283	SE	/
M2	20220326	Cloudy	Moderate	Mid-Flood	Surface	1	8:43	8.32	8.22	30.86	20.02	3.37	3	0.299	E	/
M2	20220326	Cloudy	Moderate	Mid-Flood	Surface	1	8:43	8.32	8.26	30.92	19.91	3.55	4	0.300	SE	/
M2	20220326	Cloudy	Moderate	Mid-Flood	Middle	6.85	8:42	8.31	8.21	30.84	19.94	3.40	3	0.282	E	/
M2	20220326	Cloudy	Moderate	Mid-Flood	Middle	6.85	8:42	8.27	8.27	30.96	20.03	3.74	3	0.269	E	/
M2	20220326	Cloudy	Moderate	Mid-Flood	Bottom	12.7	8:41	8.46	8.12	30.99	19.91	3.58	4	0.298	E	/
M2	20220326	Cloudy	Moderate	Mid-Flood	Bottom	12.7	8:41	8.29	8.20	30.84	20.03	3.53	2.5	0.304	E	/
M3	20220326	Cloudy	Moderate	Mid-Flood	Surface	1	8:15	8.85	8.13	30.97	19.66	3.76	2.5	0.291	E	/
M3	20220326	Cloudy	Moderate	Mid-Flood	Surface	1	8:15	8.63	8.18	30.93	19.69	3.69	2.5	0.306	SE	/
M3	20220326	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:14	8.78	8.12	30.91	19.63	3.65	2.5	0.287	SE	/
M3	20220326	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:14	8.76	8.05	30.87	19.63	3.41	3	0.292	SE	/
M3	20220326	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:13	8.81	8.14	30.83	19.66	3.39	3	0.294	SE	/
M3	20220326	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:13	8.81	8.18	30.82	19.70	3.77	3	0.306	SE	/
M4	20220326	Cloudy	Moderate	Mid-Flood	Surface	1	9:18	9.00	8.08	31.02	19.84	3.95	2.5	0.290	E	/
M4	20220326	Cloudy	Moderate	Mid-Flood	Surface	1	9:18	8.95	8.02	30.97	19.92	3.96	2.5	0.296	SE	/
M4	20220326	Cloudy	Moderate	Mid-Flood	Bottom	4.7	9:17	9.03	8.03	30.95	19.85	3.71	4	0.275	SE	/
M4	20220326	Cloudy	Moderate	Mid-Flood	Bottom	4.7	9:17	8.96	8.05	31.10	19.97	3.81	2.5	0.306	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	20220329	Cloudy	Moderate	Mid-Flood	Surface	1	15:21	8.47	8.33	32.42	20.10	4.22	2.5	0.289	SE	/
C1	20220329	Cloudy	Moderate	Mid-Flood	Surface	1	15:21	8.55	8.34	32.42	20.11	4.27	3	0.303	SE	/
C1	20220329	Cloudy	Moderate	Mid-Flood	Middle	11.15	15:20	8.52	8.42	32.30	20.11	4.30	4	0.295	SE	/
C1	20220329	Cloudy	Moderate	Mid-Flood	Middle	11.15	15:20	8.65	8.35	32.46	20.18	4.18	5	0.267	SE	/
C1	20220329	Cloudy	Moderate	Mid-Flood	Bottom	21.3	15:19	8.49	8.41	32.43	20.25	4.06	2.5	0.274	E	/
C1	20220329	Cloudy	Moderate	Mid-Flood	Bottom	21.3	15:19	8.54	8.40	32.38	20.07	4.02	2.5	0.300	SE	/
C2	20220329	Cloudy	Moderate	Mid-Flood	Surface	1	14:14	8.82	8.15	33.23	19.94	5.28	3	0.280	E	/
C2	20220329	Cloudy	Moderate	Mid-Flood	Surface	1	14:14	8.71	8.15	33.14	19.82	4.92	3	0.286	E	/
C2	20220329	Cloudy	Moderate	Mid-Flood	Middle	11.05	14:13	8.72	8.18	33.17	19.94	5.14	2.5	0.308	E	/
C2	20220329	Cloudy	Moderate	Mid-Flood	Middle	11.05	14:13	8.81	8.16	33.28	19.98	4.73	2.5	0.291	SE	/
C2	20220329	Cloudy	Moderate	Mid-Flood	Bottom	21.1	14:12	8.80	8.13	33.32	19.88	4.93	2.5	0.293	E	/
C2	20220329	Cloudy	Moderate	Mid-Flood	Bottom	21.1	14:12	8.87	8.19	33.17	19.86	5.07	4	0.311	SE	/
M1	20220329	Cloudy	Moderate	Mid-Flood	Surface	1	14:46	8.23	8.22	32.91	20.11	3.05	2.5	0.266	SE	/
M1	20220329	Cloudy	Moderate	Mid-Flood	Surface	1	14:46	8.41	8.28	32.97	20.14	3.13	2.5	0.287	SE	/
M1	20220329	Cloudy	Moderate	Mid-Flood	Middle	3.4	14:45	8.42	8.20	32.91	20.10	3.52	3	0.268	E	/
M1	20220329	Cloudy	Moderate	Mid-Flood	Middle	3.4	14:45	8.28	8.20	33.03	19.99	3.07	2.5	0.304	E	/
M1	20220329	Cloudy	Moderate	Mid-Flood	Bottom	5.8	14:44	8.36	8.27	32.97	20.10	3.36	2.5	0.268	E	/
M1	20220329	Cloudy	Moderate	Mid-Flood	Bottom	5.8	14:44	8.40	8.29	33.06	20.11	3.48	2.5	0.279	E	/
M2	20220329	Cloudy	Moderate	Mid-Flood	Surface	1	15:04	8.56	8.23	32.47	20.00	3.41	2.5	0.289	SE	/
M2	20220329	Cloudy	Moderate	Mid-Flood	Surface	1	15:04	8.56	8.21	32.49	20.03	3.47	3	0.281	SE	/
M2	20220329	Cloudy	Moderate	Mid-Flood	Middle	6.95	15:03	8.56	8.19	32.57	20.08	3.46	2.5	0.277	E	/
M2	20220329	Cloudy	Moderate	Mid-Flood	Middle	6.95	15:03	8.72	8.19	32.57	20.10	3.30	4	0.287	SE	/
M2	20220329	Cloudy	Moderate	Mid-Flood	Bottom	12.9	15:02	8.54	8.22	32.51	20.05	3.42	3	0.281	SE	/
M2	20220329	Cloudy	Moderate	Mid-Flood	Bottom	12.9	15:02	8.59	8.26	32.59	20.08	3.23	3	0.307	SE	/
M3	20220329	Cloudy	Moderate	Mid-Flood	Surface	1	14:31	8.26	8.14	33.08	19.97	4.20	2.5	0.266	SE	/
M3	20220329	Cloudy	Moderate	Mid-Flood	Surface	1	14:31	8.28	8.16	33.10	20.02	3.91	3	0.281	SE	/
M3	20220329	Cloudy	Moderate	Mid-Flood	Middle	3.55	14:30	8.29	8.15	33.24	19.86	4.36	4	0.283	SE	/
M3	20220329	Cloudy	Moderate	Mid-Flood	Middle	3.55	14:30	8.24	8.21	33.15	19.85	4.01	5	0.308	E	/
M3	20220329	Cloudy	Moderate	Mid-Flood	Bottom	6.1	14:29	8.41	8.22	33.15	19.87	4.36	5	0.309	SE	/
M3	20220329	Cloudy	Moderate	Mid-Flood	Bottom	6.1	14:29	8.25	8.20	33.16	19.96	3.94	4	0.288	E	/
M4	20220329	Cloudy	Moderate	Mid-Flood	Surface	1	15:38	8.91	8.30	32.50	20.21	3.67	5	0.277	SE	/
M4	20220329	Cloudy	Moderate	Mid-Flood	Surface	1	15:38	8.74	8.33	32.62	20.04	3.68	3	0.300	SE	/
M4	20220329	Cloudy	Moderate	Mid-Flood	Bottom	4.3	15:37	8.73	8.33	32.46	20.06	3.85	4	0.271	SE	/
M4	20220329	Cloudy	Moderate	Mid-Flood	Bottom	4.3	15:37	8.82	8.29	32.52	20.09	4.01	2.5	0.284	E	/
C1	20220331	Sunny	Moderate	Mid-Flood	Surface	1	15:46	8.87	8.41	32.26	22.27	3.10	2.5	0.307	SE	/
C1	20220331	Sunny	Moderate	Mid-Flood	Surface	1	15:46	8.83	8.41	32.16	22.32	3.39	2.5	0.290	E	/
C1	20220331	Sunny	Moderate	Mid-Flood	Middle	11.6	15:45	8.96	8.38	32.19	22.31	3.60	2.5	0.277	E	/
C1	20220331	Sunny	Moderate	Mid-Flood	Middle	11.6	15:45	8.87	8.39	32.24	22.24	3.63	3	0.283	SE	/
C1	20220331	Sunny	Moderate	Mid-Flood	Bottom	22.2	15:44	8.92	8.34	32.23	22.30	3.81	3	0.270	E	/
C1	20220331	Sunny	Moderate	Mid-Flood	Bottom	22.2	15:44	8.96	8.38	32.13	22.30	3.72	4	0.303	E	/
C2	20220331	Sunny	Moderate	Mid-Flood	Surface	1	14:46	8.55	8.30	33.12	22.24	4.52	3	0.263	E	/
C2	20220331	Sunny	Moderate	Mid-Flood	Surface	1	14:46	8.53	8.28	33.10	22.23	4.57	2.5	0.309	SE	/
C2	20220331	Sunny	Moderate	Mid-Flood	Middle	10.85	14:45	8.46	8.31	33.14	22.33	4.41	2.5	0.279	SE	/
C2	20220331	Sunny	Moderate	Mid-Flood	Middle	10.85	14:45	8.40	8.32	33.21	22.29	4.48	2.5	0.290	SE	/
C2	20220331	Sunny	Moderate	Mid-Flood	Bottom	20.7	14:44	8.46	8.36	33.13	22.30	4.61	3	0.283	SE	/
C2	20220331	Sunny	Moderate	Mid-Flood	Bottom	20.7	14:44	8.47	8.36	33.21	22.32	4.27	3	0.290	E	/
M1	20220331	Sunny	Moderate	Mid-Flood	Surface	1	15:16	9.06	8.40	33.14	22.22	2.69	4	0.285	SE	/
M1	20220331	Sunny	Moderate	Mid-Flood	Surface	1	15:16	9.06	8.38	33.12	22.22	3.09	2.5	0.271	SE	/
M1	20220331	Sunny	Moderate	Mid-Flood	Middle	3.35	15:15	8.91	8.35	33.10	22.22	3.12	3	0.269	E	/
M1	20220331	Sunny	Moderate	Mid-Flood	Middle	3.35	15:15	8.99	8.33	33.04	22.14	3.03	2.5	0.284	E	/
M1	20220331	Sunny	Moderate	Mid-Flood	Bottom	5.7	15:14	9.05	8.40	33.13	22.18	2.63	2.5	0.298	SE	/
M1	20220331	Sunny	Moderate	Mid-Flood	Bottom	5.7	15:14	9.07	8.34	33.05	22.11	2.75	2.5	0.295	SE	/
M2	20220331	Sunny	Moderate	Mid-Flood	Surface	1	15:31	8.92	8.28	32.35	22.26	4.06	2.5	0.296	E	/
M2	20220331	Sunny	Moderate	Mid-Flood	Surface	1	15:31	8.82	8.35	32.26	22.24	3.95	2.5	0.273	E	/
M2	20220331	Sunny	Moderate	Mid-Flood	Middle	6.7	15:30	8.91	8.29	32.22	22.23	3.75	4	0.307	SE	/
M2	20220331	Sunny	Moderate	Mid-Flood	Middle	6.7	15:30	8.75	8.33	32.26	22.20	3.92	3	0.274	SE	/
M2	20220331	Sunny	Moderate	Mid-Flood	Bottom	12.4	15:29	8.92	8.30	32.28	22.20	4.08	3	0.272	E	/
M2	20220331	Sunny	Moderate	Mid-Flood	Bottom	12.4	15:29	8.82	8.29	32.43	22.22	3.72	2.5	0.269	E	/
M3	20220331	Sunny	Moderate	Mid-Flood	Surface	1	15:02	8.51	8.35	32.84	22.34	3.13	3	0.283	SE	/
M3	20220331	Sunny	Moderate	Mid-Flood	Surface	1	15:02	8.50	8.25	32.85	22.35	3.21	2.5	0.310	SE	/
M3	20220331	Sunny	Moderate	Mid-Flood	Middle	3.2	15:01	8.48	8.26	32.83	22.25	3.51	4	0.303	SE	/
M3	20220331	Sunny	Moderate	Mid-Flood	Middle	3.2	15:01	8.53	8.38	33.09	22.32	3.32	3	0.298	SE	/
M3	20220331	Sunny	Moderate	Mid-Flood	Bottom	5.4	15:00	8.53	8.35	32.92	22.25	3.41	3	0.298	SE	/
M3	20220331	Sunny	Moderate	Mid-Flood	Bottom	5.4	15:00	8.43	8.40	33.05	22.24	3.35	2.5	0.283	E	/
M4	20220331	Sunny	Moderate	Mid-Flood	Surface	1	16:04	8.44	8.25	33.45	22.37	3.70	3	0.294	E	/
M4	20220331	Sunny	Moderate	Mid-Flood	Surface	1	16:04	8.58	8.40	33.35	22.31	3.32	<2.5	0.274	E	/
M4	20220331	Sunny	Moderate	Mid-Flood	Bottom	4.3	16:03	8.48	8.25	33.39	22.30	3.69	<2.5	0.288	SE	/
M4	20220331	Sunny	Moderate	Mid-Flood	Bottom	4.3	16:03	8.58	8.28	33.23	22.34	3.23	<2.5	0.299	SE	/


Mid-Flood - DO (Surface and Middle)
DO in mg/L
11.00
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
20220301
20220306
20220311
20220316
20220321
20220326
20220331
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Ebb - DO (Surface and Middle)
DO in mg/L
11.00
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
20220301
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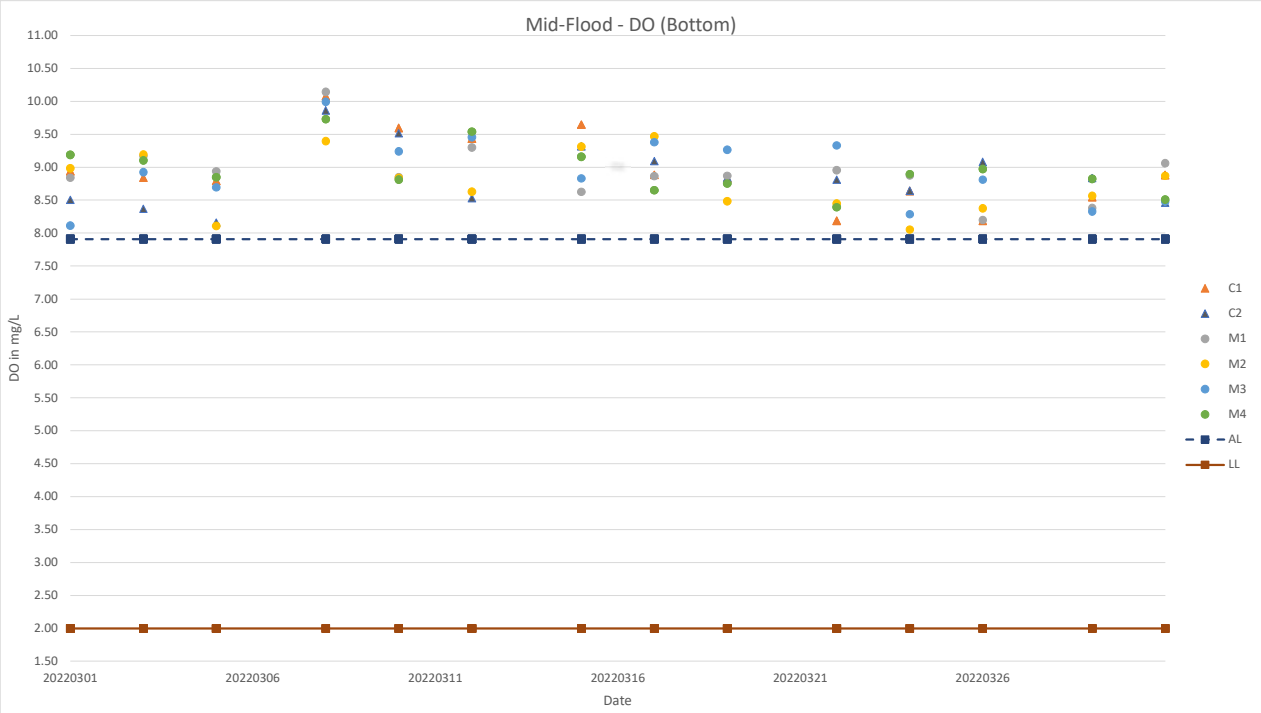
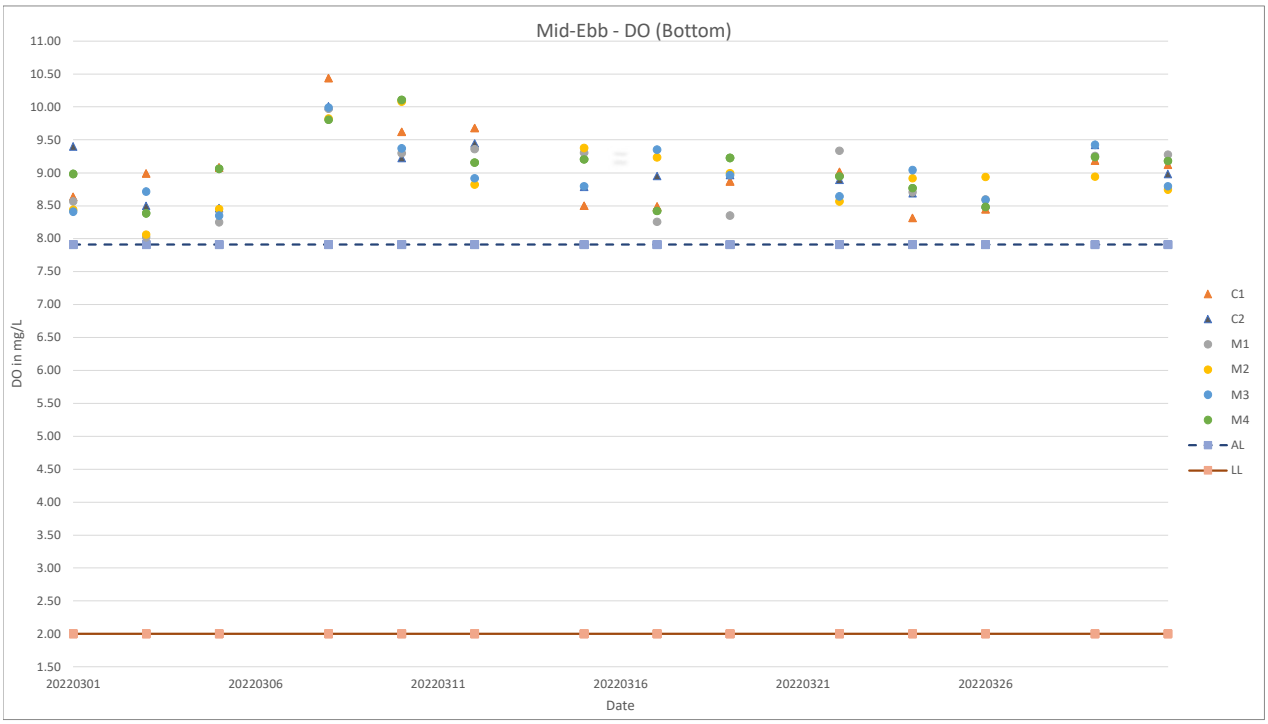
20220321
20220326
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Flood - DO (Bottom)
DO in mg/L
11.00
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
20220301
20220306
20220311
20220316
20220321
20220326
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Ebb - DO (Bottom)
DO in mg/L
11.00
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
20220301
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Date
C1
C2
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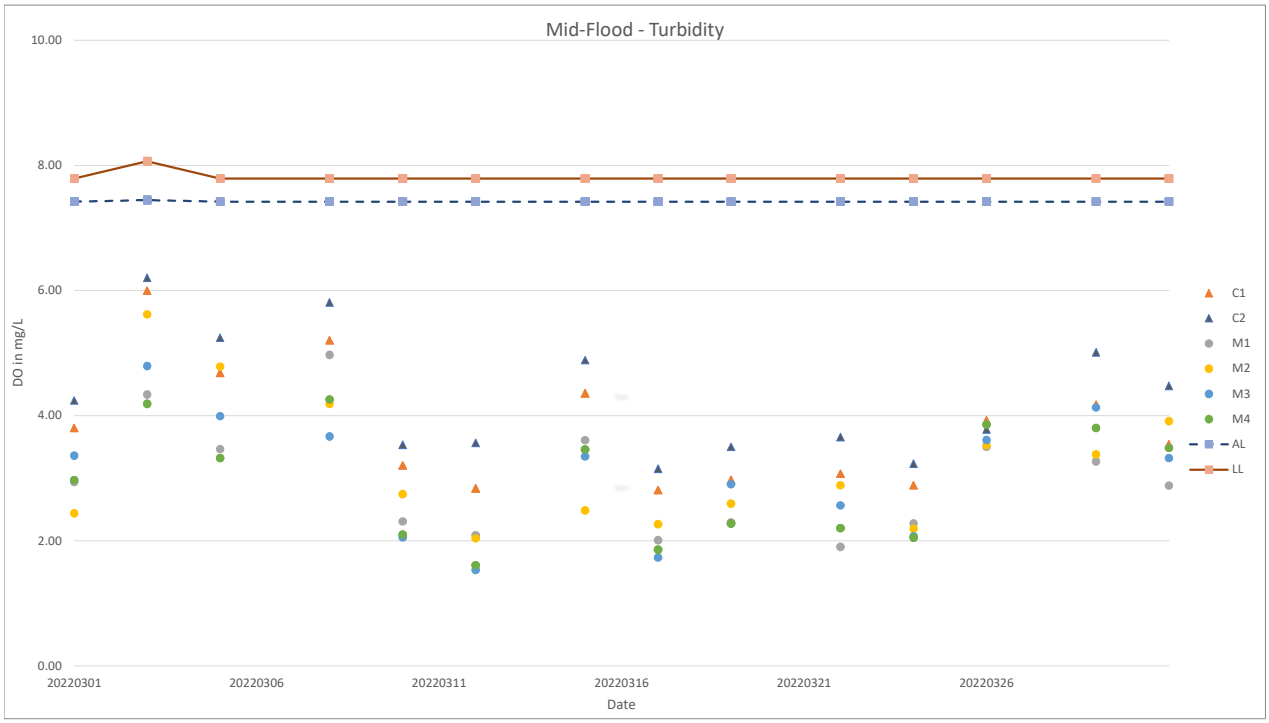
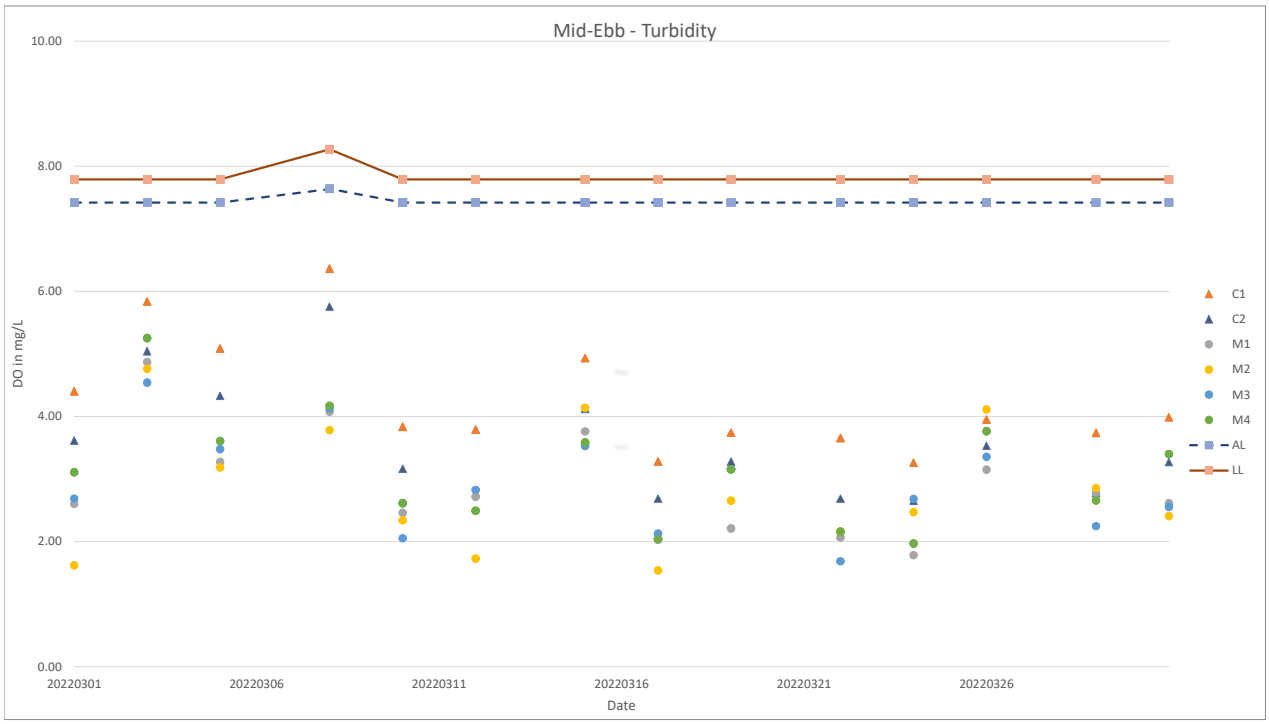
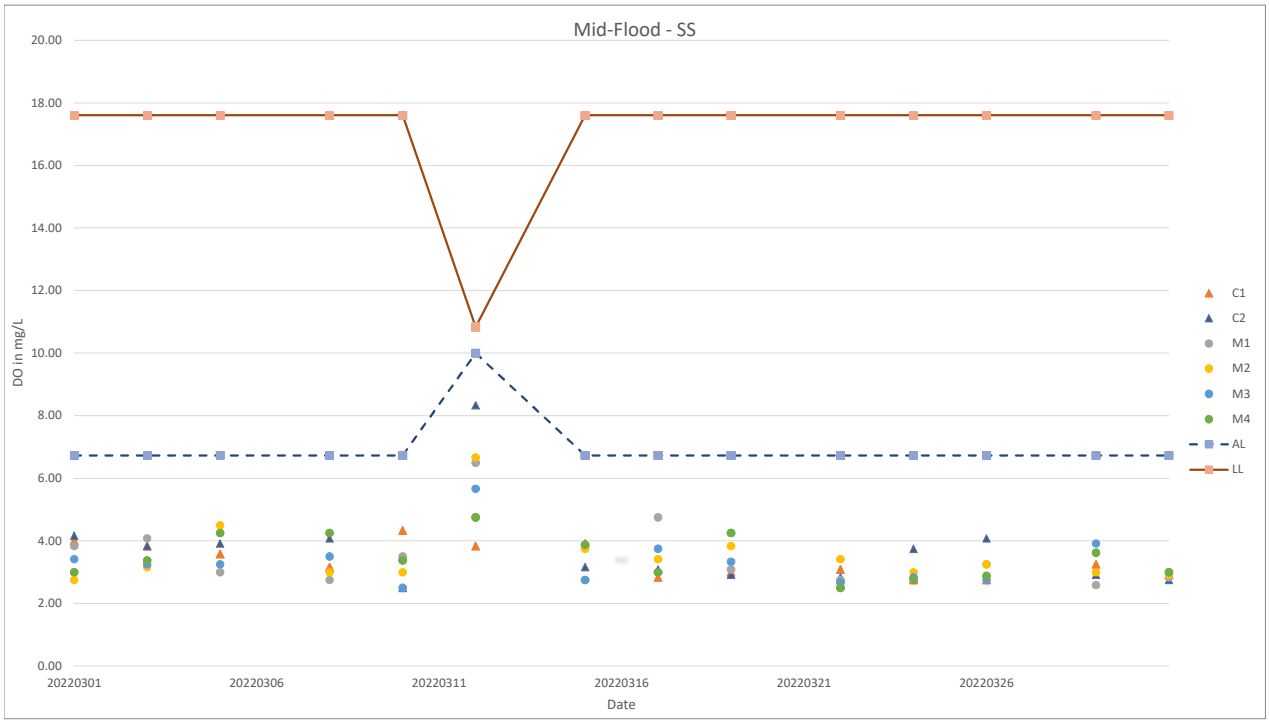
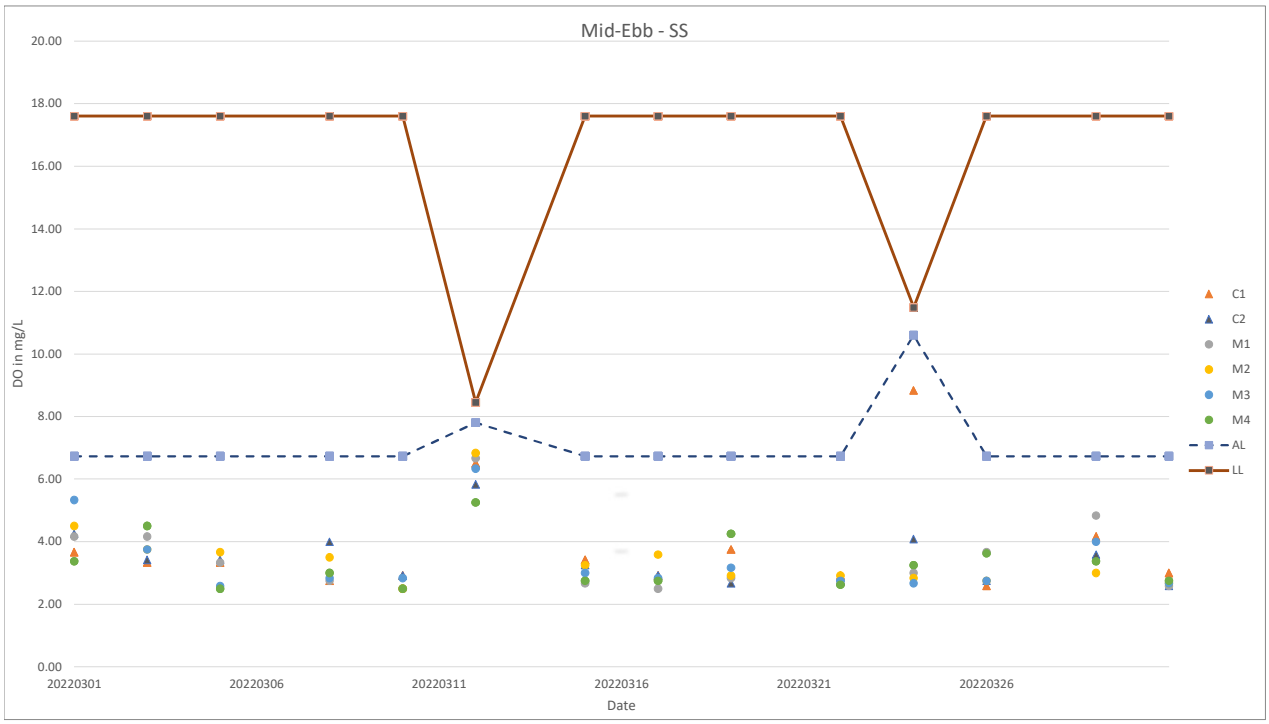
M2
M3
M4
AL
LL


Mid-Flood - Turbidity
10.00
8.00
6.00
4.00
2.00
0.00
DO in mg/L
20220301
20220306
20220311
20220316
20220321
20220326
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Ebb - Turbidity
10.00
8.00
6.00
4.00
2.00
0.00
DO in mg/L
20220301
20220306
20220311
20220316
20220321
20220326
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Flood - SS
DO in mg/L
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
20220301
20220306
20220311
20220316
20220321
20220326
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Ebb - SS
DO in mg/L
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
20220301
20220306
20220311
20220316
20220321
20220326
Date
C1
C2
M1
M2
M3
M4
AL
LL