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	20220503	Cloudy	Moderate	Mid-Ebb	Surface	1	12:00	8.66	8.31	33.66	25.57	3.39	18	0.267	E	/
C1	20220503	Cloudy	Moderate	Mid-Ebb	Surface	1	12:00	8.45	8.29	33.89	25.45	3.15	18	0.279	SE	/
C1	20220503	Cloudy	Moderate	Mid-Ebb	Middle	11.2	11:59	8.63	8.25	33.67	25.60	3.10	2.5	0.300	SE	/
C1	20220503	Cloudy	Moderate	Mid-Ebb	Middle	11.2	11:59	8.56	8.27	33.64	25.46	3.24	3	0.287	SE	/
C1	20220503	Cloudy	Moderate	Mid-Ebb	Bottom	21.4	11:58	8.47	8.25	33.78	25.51	3.56	3	0.301	SE	/
C1	20220503	Cloudy	Moderate	Mid-Ebb	Bottom	21.4	11:58	8.56	8.27	33.90	25.49	3.47	3	0.267	SE	/
C2	20220503	Cloudy	Moderate	Mid-Ebb	Surface	1	13:04	8.37	8.24	33.87	25.43	2.69	4	0.295	SE	/
C2	20220503	Cloudy	Moderate	Mid-Ebb	Surface	1	13:04	8.15	8.31	33.76	25.50	2.87	2.5	0.281	E	/
C2	20220503	Cloudy	Moderate	Mid-Ebb	Middle	11.5	13:03	8.31	8.30	33.98	25.55	2.99	3	0.288	SE	/
C2	20220503	Cloudy	Moderate	Mid-Ebb	Middle	11.5	13:03	8.27	8.30	33.98	25.55	3.01	3	0.296	SE	/
C2	20220503	Cloudy	Moderate	Mid-Ebb	Bottom	22	13:02	8.29	8.29	34.01	25.51	2.68	2.5	0.270	SE	/
C2	20220503	Cloudy	Moderate	Mid-Ebb	Bottom	22	13:02	8.22	8.27	33.93	25.46	3.02	2.5	0.268	SE	/
M1	20220503	Cloudy	Moderate	Mid-Ebb	Surface	1	12:31	9.27	8.39	33.55	25.74	2.06	3	0.292	SE	/
M1	20220503	Cloudy	Moderate	Mid-Ebb	Surface	1	12:31	9.29	8.32	33.69	25.65	1.91	3	0.269	SE	/
M1	20220503	Cloudy	Moderate	Mid-Ebb	Middle	3.4	12:30	9.38	8.34	33.69	25.63	1.84	2.5	0.274	SE	/
M1	20220503	Cloudy	Moderate	Mid-Ebb	Middle	3.4	12:30	9.34	8.39	33.54	25.79	1.78	2.5	0.266	SE	/
M1	20220503	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	12:29	9.23	8.33	33.80	25.57	2.00	2.5	0.298	E	/
M1	20220503	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	12:29	9.31	8.39	33.77	25.68	2.07	2.5	0.263	SE	/
M2	20220503	Cloudy	Moderate	Mid-Ebb	Surface	1	12:16	9.15	8.16	34.07	25.41	1.83	3	0.276	SE	/
M2	20220503	Cloudy	Moderate	Mid-Ebb	Surface	1	12:16	9.27	8.14	33.38	25.44	1.94	3	0.284	SE	/
M2	20220503	Cloudy	Moderate	Mid-Ebb	Middle	6.6	12:15	9.21	8.13	34.01	25.57	1.87	3	0.274	SE	/
M2	20220503	Cloudy	Moderate	Mid-Ebb	Middle	6.6	12:15	9.38	8.12	34.00	25.48	2.01	5	0.280	E	/
M2	20220503	Cloudy	Moderate	Mid-Ebb	Bottom	12.2	12:14	9.24	8.13	33.26	25.55	1.91	8	0.284	SE	/
M2	20220503	Cloudy	Moderate	Mid-Ebb	Bottom	12.2	12:14	9.30	8.21	33.29	25.43	1.69	4	0.265	E	/
M3	20220503	Cloudy	Moderate	Mid-Ebb	Surface	1	12:46	8.42	8.24	33.89	25.46	1.80	3	0.267	SE	/
M3	20220503	Cloudy	Moderate	Mid-Ebb	Surface	1	12:46	8.63	8.24	33.86	25.60	2.11	3	0.292	SE	/
M3	20220503	Cloudy	Moderate	Mid-Ebb	Middle	3.2	12:45	8.51	8.21	33.81	25.49	2.20	4	0.287	SE	/
M3	20220503	Cloudy	Moderate	Mid-Ebb	Middle	3.2	12:45	8.41	8.23	33.75	25.49	2.11	3	0.267	E	/
M3	20220503	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	12:44	8.51	8.22	33.75	25.46	2.23	3	0.286	E	/
M3	20220503	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	12:44	8.41	8.20	33.72	25.36	1.94	2.5	0.279	E	/
M4	20220503	Cloudy	Moderate	Mid-Ebb	Surface	1	13:27	8.35	8.28	34.01	25.65	1.76	5	0.278	E	/
M4	20220503	Cloudy	Moderate	Mid-Ebb	Surface	1	13:27	8.22	8.22	34.06	25.84	1.97	5	0.276	E	/
M4	20220503	Cloudy	Moderate	Mid-Ebb	Bottom	3.5	13:26	8.23	8.22	33.85	25.76	1.70	5	0.282	E	/
M4	20220503	Cloudy	Moderate	Mid-Ebb	Bottom	3.5	13:26	8.35	8.22	33.96	25.78	1.92	6	0.293	SE	/
C1	20220505	Sunny	Moderate	Mid-Ebb	Surface	1	12:37	8.57	8.25	32.92	25.77	4.91	27	0.275	E	/
C1	20220505	Sunny	Moderate	Mid-Ebb	Surface	1	12:37	8.72	8.24	32.69	25.81	4.99	27	0.299	E	/
C1	20220505	Sunny	Moderate	Mid-Ebb	Middle	11.65	12:36	8.66	8.23	32.77	25.95	5.33	10	0.277	E	/
C1	20220505	Sunny	Moderate	Mid-Ebb	Middle	11.65	12:36	8.72	8.21	32.84	25.85	5.21	11	0.273	SE	/
C1	20220505	Sunny	Moderate	Mid-Ebb	Bottom	22.3	12:35	8.64	8.25	32.89	25.76	5.46	9	0.290	SE	/
C1	20220505	Sunny	Moderate	Mid-Ebb	Bottom	22.3	12:35	8.75	8.25	32.76	25.81	5.91	11	0.286	E	/
C2	20220505	Sunny	Moderate	Mid-Ebb	Surface	1	13:40	8.94	8.11	32.08	25.64	4.23	3	0.263	SE	/
C2	20220505	Sunny	Moderate	Mid-Ebb	Surface	1	13:40	8.78	8.22	31.80	25.38	3.89	2.5	0.290	E	/
C2	20220505	Sunny	Moderate	Mid-Ebb	Middle	12.35	13:39	8.72	8.17	31.95	25.65	3.85	3	0.264	SE	/
C2	20220505	Sunny	Moderate	Mid-Ebb	Middle	12.35	13:39	8.86	8.12	31.88	25.57	3.92	2.5	0.280	SE	/
C2	20220505	Sunny	Moderate	Mid-Ebb	Bottom	23.7	13:38	8.90	8.16	32.08	25.38	4.17	3	0.277	E	/
C2	20220505	Sunny	Moderate	Mid-Ebb	Bottom	23.7	13:38	8.74	8.22	32.05	25.67	3.88	5	0.297	SE	/
M1	20220505	Sunny	Moderate	Mid-Ebb	Surface	1	13:08	7.99	8.23	32.24	25.87	3.76	4	0.265	SE	/
M1	20220505	Sunny	Moderate	Mid-Ebb	Surface	1	13:08	7.99	8.32	32.28	25.72	4.03	5	0.269	SE	/
M1	20220505	Sunny	Moderate	Mid-Ebb	Middle	3.5	13:07	7.98	8.29	32.20	25.70	4.06	3	0.283	SE	/
M1	20220505	Sunny	Moderate	Mid-Ebb	Middle	3.5	13:07	8.01	8.20	32.21	25.88	3.92	4	0.279	E	/
M1	20220505	Sunny	Moderate	Mid-Ebb	Bottom	6	13:06	8.10	8.28	32.25	25.85	3.88	4	0.287	SE	/
M1	20220505	Sunny	Moderate	Mid-Ebb	Bottom	6	13:06	8.07	8.28	32.26	25.72	4.15	4	0.264	SE	/
M2	20220505	Sunny	Moderate	Mid-Ebb	Surface	1	13:23	8.24	8.13	32.01	25.67	4.40	4	0.274	E	/
M2	20220505	Sunny	Moderate	Mid-Ebb	Surface	1	13:23	8.23	8.20	31.88	25.86	4.40	8	0.270	SE	/
M2	20220505	Sunny	Moderate	Mid-Ebb	Middle	5.8	13:22	8.21	8.12	31.91	25.63	4.32	10	0.275	SE	/
M2	20220505	Sunny	Moderate	Mid-Ebb	Middle	5.8	13:22	8.25	8.10	31.97	25.73	3.98	9	0.269	SE	/
M2	20220505	Sunny	Moderate	Mid-Ebb	Bottom	10.6	13:21	8.30	8.20	31.95	25.61	4.28	9	0.268	SE	/
M2	20220505	Sunny	Moderate	Mid-Ebb	Bottom	10.6	13:21	8.22	8.21	31.75	25.63	4.24	6	0.288	E	/
M3	20220505	Sunny	Moderate	Mid-Ebb	Surface	1	12:52	9.20	8.15	31.85	25.57	4.55	8	0.278	E	/
M3	20220505	Sunny	Moderate	Mid-Ebb	Surface	1	12:52	9.19	8.13	31.97	25.63	4.97	5	0.269	E	/
M3	20220505	Sunny	Moderate	Mid-Ebb	Middle	3.65	12:51	9.12	8.13	32.11	25.65	4.65	4	0.281	E	/
M3	20220505	Sunny	Moderate	Mid-Ebb	Middle	3.65	12:51	9.20	8.11	31.92	25.55	4.74	6	0.294	SE	/
M3	20220505	Sunny	Moderate	Mid-Ebb	Bottom	6.3	12:50	9.30	8.16	31.92	25.70	4.80	3	0.290	E	/
M3	20220505	Sunny	Moderate	Mid-Ebb	Bottom	6.3	12:50	9.12	8.16	32.04	25.56	4.96	4	0.293	SE	/
M4	20220505	Sunny	Moderate	Mid-Ebb	Surface	1	14:01	9.13	8.11	32.12	25.53	4.45	3	0.282	SE	/
M4	20220505	Sunny	Moderate	Mid-Ebb	Surface	1	14:01	9.31	8.10	32.00	25.49	4.03	4	0.280	E	/
M4	20220505	Sunny	Moderate	Mid-Ebb	Bottom	3.7	14:00	9.14	8.13	32.01	25.59	4.12	4	0.278	E	/
M4	20220505	Sunny	Moderate	Mid-Ebb	Bottom	3.7	14:00	9.33	8.11	32.27	25.61	4.21	3	0.270	SE	/
C1	20220507	Sunny	Moderate	Mid-Ebb	Surface	1	13:13	8.51	8.24	32.64	23.81	2.61	7	0.286	SE	/
C1	20220507	Sunny	Moderate	Mid-Ebb	Surface	1	13:13	8.44	8.27	32.70	23.79	2.78	5	0.278	SE	/
C1	20220507	Sunny	Moderate	Mid-Ebb	Middle	10.2	13:12	8.58	8.26	32.39	23.75	2.74	8	0.287	SE	/
C1	20220507	Sunny	Moderate	Mid-Ebb	Middle	10.2	13:12	8.53	8.24	32.73	23.71	2.66	7	0.266	E	/
C1	20220507	Sunny	Moderate	Mid-Ebb	Bottom	19.4	13:11	8.43	8.27	32.44	23.70	2.86	6	0.274	E	/
C1	20220507	Sunny	Moderate	Mid-Ebb	Bottom	19.4	13:11	8.43	8.27	32.71	23.73	2.95	7	0.282	SE	/
C2	20220507	Sunny	Moderate	Mid-Ebb	Surface	1	14:09	8.57	8.25	33.56	24.00	2.10	8	0.287	E	/
C2	20220507	Sunny	Moderate	Mid-Ebb	Surface	1	14:09	8.54	8.27	33.47	24.07	2.15	6	0.288	SE	/
C2	20220507	Sunny	Moderate	Mid-Ebb	Middle	12.5	14:08	8.48	8.26	33.39	24.07	2.44	9	0.277	SE	/
C2	20220507	Sunny	Moderate	Mid-Ebb	Middle	12.5	14:08	8.43	8.26	33.52	23.90	2.23	8	0.266	SE	/
C2	20220507	Sunny	Moderate	Mid-Ebb	Bottom	24	14:07	8.46	8.22	33.60	23.97	2.24	7	0.276	SE	/
C2	20220507	Sunny	Moderate	Mid-Ebb	Bottom	24	14:07	8.56	8.29	33.44	23.93	2.32	7	0.272	SE	/
M1	20220507	Sunny	Moderate	Mid-Ebb	Surface	1	12:40	8.42	8.28	33.24	23.97	1.62	4	0.263	SE	/
M1	20220507	Sunny	Moderate	Mid-Ebb	Surface	1	12:40	8.41	8.24	33.26	24.00	1.42	4	0.293	E	/
M1	20220507	Sunny	Moderate	Mid-Ebb	Middle	3.5	12:39	8.57	8.25	33.23	23.89	1.84	4	0.284	SE	/
M1	20220507	Sunny	Moderate	Mid-Ebb	Middle	3.5	12:39	8.45	8.23	33.04	23.85	1.81	3	0.274	E	/
M1	20220507	Sunny	Moderate	Mid-Ebb	Bottom	6	12:38	8.50	8.29	33.02	23.91	1.55	3	0.282	SE	/
M1	20220507	Sunny	Moderate	Mid-Ebb	Bottom	6	12:38	8.38	8.27	33.19	23.95	1.53	3	0.267	SE	/
M2	20220507	Sunny	Moderate	Mid-Ebb	Surface	1	12:58	8.10	8.28	32.17	23.91	2.32	3	0.287	SE	/
M2	20220507	Sunny	Moderate	Mid-Ebb	Surface	1	12:58	8.18	8.25	32.41	24.07	2.36	2.5	0.301	E	/
M2	20220507	Sunny	Moderate	Mid-Ebb	Middle	6.4	12:57	8.12	8.26	32.16	23.91	2.34	5	0.301	SE	/
M2	20220507	Sunny	Moderate	Mid-Ebb	Middle	6.4	12:57	8.04	8.21	32.23	24.07	2.17	6	0.298	SE	/
M2	20220507	Sunny	Moderate	Mid-Ebb	Bottom	11.8	12:56	8.21	8.27	32.31	24.00	2.41	6	0.274	E	/
M2	20220507	Sunny	Moderate	Mid-Ebb	Bottom	11.8	12:56	8.15	8.22	32.41	24.06	2.33	3	0.269	E	/
M3	20220507	Sunny	Moderate	Mid-Ebb	Surface	1	14:24	8.03	8.21	32.90	23.92	1.62	4	0.299	E	/
M3	20220507	Sunny	Moderate	Mid-Ebb	Surface	1	14:24	8.11	8.24	33.10	24.09	1.45	5	0.288	SE	/
M3	20220507	Sunny	Moderate	Mid-Ebb	Middle	3.35	14:23	8.17	8.25	33.03	24.01	1.65	3	0.280	SE	/
M3	20220507	Sunny	Moderate	Mid-Ebb	Middle	3.35	14:23	8.07	8.29	32.91	23.90	1.46	4	0.296	SE	/
M3	20220507	Sunny	Moderate	Mid-Ebb	Bottom	5.7	14:22	8.03	8.26	33.06	24.08	1.74	5	0.297	E	/
M3	20220507	Sunny	Moderate	Mid-Ebb	Bottom	5.7	14:22	8.07	8.26	32.82	23.92	1.47	4	0.284	SE	/
M4	20220507	Sunny	Moderate	Mid-Ebb	Surface	1	13:31	8.77	8.21	33.00	24.02	2.23	5	0.269	SE	/
M4	20220507	Sunny	Moderate	Mid-Ebb	Surface	1	13:31	8.89	8.27	33.14	23.98	2.32	5	0.274	E	/
M4	20220507	Sunny	Moderate	Mid-Ebb	Bottom	3.9	13:30	8.92	8.26	33.15	24.03	2.32	6	0.283	SE	/
M4	20220507	Sunny	Moderate	Mid-Ebb	Bottom	3.9	13:30	8.91	8.21	33.08	23.82	2.28	8	0.277	SE	/

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (?)	Turbidty (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20220510	Cloudy	Moderate	Mid-Ebb	Surface	1	17:11	8.97	8.19	33.15	24.21	3.93	5	0.299	E	/
C1	20220510	Cloudy	Moderate	Mid-Ebb	Surface	1	17:11	9.11	8.16	33.29	24.14	3.71	3	0.291	SE	/
C1	20220510	Cloudy	Moderate	Mid-Ebb	Middle	11.5	17:10	9.17	8.22	33.28	24.20	3.84	6	0.281	SE	/
C1	20220510	Cloudy	Moderate	Mid-Ebb	Middle	11.5	17:10	9.22	8.19	33.02	24.20	3.55	3	0.301	E	/
C1	20220510	Cloudy	Moderate	Mid-Ebb	Bottom	22	17:09	9.06	8.15	33.28	24.22	3.60	7	0.286	SE	/
C1	20220510	Cloudy	Moderate	Mid-Ebb	Bottom	22	17:09	8.99	8.17	33.05	24.19	3.73	6	0.293	SE	/
C2	20220510	Cloudy	Moderate	Mid-Ebb	Surface	1	16:11	9.36	8.14	33.25	23.93	3.07	2.5	0.288	E	/
C2	20220510	Cloudy	Moderate	Mid-Ebb	Surface	1	16:11	9.36	8.18	33.39	23.91	3.08	2.5	0.273	SE	/
C2	20220510	Cloudy	Moderate	Mid-Ebb	Middle	11.5	16:10	9.33	8.24	33.15	23.87	2.99	3	0.273	E	/
C2	20220510	Cloudy	Moderate	Mid-Ebb	Middle	11.5	16:10	9.33	8.18	33.25	23.86	2.71	3	0.288	E	/
C2	20220510	Cloudy	Moderate	Mid-Ebb	Bottom	22	16:09	9.22	8.17	33.24	23.92	2.86	4	0.281	E	/
C2	20220510	Cloudy	Moderate	Mid-Ebb	Bottom	22	16:09	9.11	8.16	33.33	23.81	3.04	2.5	0.266	SE	/
M1	20220510	Cloudy	Moderate	Mid-Ebb	Surface	1	16:40	8.89	8.22	33.78	23.89	3.03	2.5	0.290	SE	/
M1	20220510	Cloudy	Moderate	Mid-Ebb	Surface	1	16:40	8.96	8.21	34.02	23.87	2.80	2.5	0.301	SE	/
M1	20220510	Cloudy	Moderate	Mid-Ebb	Middle	3.2	16:39	8.86	8.25	33.91	23.76	2.92	4	0.273	E	/
M1	20220510	Cloudy	Moderate	Mid-Ebb	Middle	3.2	16:39	8.94	8.17	33.98	23.90	2.82	3	0.300	SE	/
M1	20220510	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	16:38	8.91	8.18	33.95	23.91	2.94	2.5	0.293	E	/
M1	20220510	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	16:38	9.01	8.18	33.82	23.90	2.78	3	0.288	E	/
M2	20220510	Cloudy	Moderate	Mid-Ebb	Surface	1	16:55	9.30	8.29	33.62	23.99	1.90	3	0.265	SE	/
M2	20220510	Cloudy	Moderate	Mid-Ebb	Surface	1	16:55	9.26	8.26	33.48	23.87	2.10	4	0.301	E	/
M2	20220510	Cloudy	Moderate	Mid-Ebb	Middle	6.9	16:54	9.21	8.20	33.49	24.03	2.11	5	0.299	E	/
M2	20220510	Cloudy	Moderate	Mid-Ebb	Middle	6.9	16:54	9.18	8.22	33.58	23.91	1.91	6	0.278	E	/
M2	20220510	Cloudy	Moderate	Mid-Ebb	Bottom	12.8	16:53	9.16	8.24	33.55	23.99	2.09	4	0.299	SE	/
M2	20220510	Cloudy	Moderate	Mid-Ebb	Bottom	12.8	16:53	9.07	8.26	33.59	23.95	1.95	5	0.296	SE	/
M3	20220510	Cloudy	Moderate	Mid-Ebb	Surface	1	16:24	9.45	8.20	33.99	23.96	2.95	5	0.269	SE	/
M3	20220510	Cloudy	Moderate	Mid-Ebb	Surface	1	16:24	9.32	8.18	33.84	24.10	3.09	4	0.278	E	/
M3	20220510	Cloudy	Moderate	Mid-Ebb	Middle	3.75	16:23	9.40	8.20	34.02	23.93	2.88	3	0.284	E	/
M3	20220510	Cloudy	Moderate	Mid-Ebb	Middle	3.75	16:23	9.28	8.21	33.81	23.97	3.02	3	0.271	SE	/
M3	20220510	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	16:22	9.43	8.20	33.97	24.00	2.86	5	0.274	SE	/
M3	20220510	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	16:22	9.39	8.17	33.85	23.94	3.07	6	0.299	E	/
M4	20220510	Cloudy	Moderate	Mid-Ebb	Surface	1	17:25	8.62	8.25	33.94	24.02	2.22	7	0.296	SE	/
M4	20220510	Cloudy	Moderate	Mid-Ebb	Surface	1	17:25	8.73	8.24	33.88	23.91	2.01	7	0.300	SE	/
M4	20220510	Cloudy	Moderate	Mid-Ebb	Bottom	3.5	17:24	8.47	8.26	33.98	23.86	1.95	6	0.284	E	/
M4	20220510	Cloudy	Moderate	Mid-Ebb	Bottom	3.5	17:24	8.69	8.24	33.90	24.04	2.08	4	0.290	E	/
C1	20220512	Cloudy	Moderate	Mid-Ebb	Surface	1	8:06	8.48	8.21	28.95	24.23	3.29	28	0.267	SE	/
C1	20220512	Cloudy	Moderate	Mid-Ebb	Surface	1	8:06	8.86	8.16	28.86	24.10	2.97	27	0.266	SE	/
C1	20220512	Cloudy	Moderate	Mid-Ebb	Middle	10.9	8:05	8.50	8.23	28.87	24.13	3.92	28	0.276	SE	/
C1	20220512	Cloudy	Moderate	Mid-Ebb	Middle	10.9	8:05	8.84	8.25	28.90	24.09	3.55	31	0.282	E	/
C1	20220512	Cloudy	Moderate	Mid-Ebb	Bottom	20.8	8:04	8.47	8.26	28.74	24.15	3.76	29	0.269	E	/
C1	20220512	Cloudy	Moderate	Mid-Ebb	Bottom	20.8	8:04	8.55	8.16	28.88	24.19	3.87	30	0.265	SE	/
C2	20220512	Cloudy	Moderate	Mid-Ebb	Surface	1	9:14	8.84	8.16	29.22	24.21	3.22	24	0.268	SE	/
C2	20220512	Cloudy	Moderate	Mid-Ebb	Surface	1	9:14	8.98	8.12	29.13	24.16	3.33	22	0.269	E	/
C2	20220512	Cloudy	Moderate	Mid-Ebb	Middle	12.3	9:13	9.16	8.11	28.99	24.14	3.13	25	0.276	E	/
C2	20220512	Cloudy	Moderate	Mid-Ebb	Middle	12.3	9:13	8.66	8.04	29.06	24.18	3.24	23	0.284	E	/
C2	20220512	Cloudy	Moderate	Mid-Ebb	Bottom	23.6	9:12	8.72	8.14	28.85	24.13	2.89	24	0.287	SE	/
C2	20220512	Cloudy	Moderate	Mid-Ebb	Bottom	23.6	9:12	8.83	8.09	29.12	24.16	3.05	27	0.298	E	/
M1	20220512	Cloudy	Moderate	Mid-Ebb	Surface	1	8:40	8.42	8.14	29.21	24.27	2.86	25	0.269	E	/
M1	20220512	Cloudy	Moderate	Mid-Ebb	Surface	1	8:40	8.28	8.11	29.27	24.24	2.87	25	0.293	E	/
M1	20220512	Cloudy	Moderate	Mid-Ebb	Middle	3.4	8:39	8.41	8.02	29.36	24.26	2.79	28	0.291	SE	/
M1	20220512	Cloudy	Moderate	Mid-Ebb	Middle	3.4	8:39	8.17	8.06	29.48	24.29	2.80	24	0.273	E	/
M1	20220512	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	8:38	8.11	8.02	29.38	24.29	2.72	19	0.278	SE	/
M1	20220512	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	8:38	8.16	8.06	29.56	24.29	2.81	18	0.295	SE	/
M2	20220512	Cloudy	Moderate	Mid-Ebb	Surface	1	8:23	8.62	8.07	28.78	24.46	2.66	25	0.270	SE	/
M2	20220512	Cloudy	Moderate	Mid-Ebb	Surface	1	8:23	8.76	8.06	28.53	24.43	2.54	23	0.286	SE	/
M2	20220512	Cloudy	Moderate	Mid-Ebb	Middle	7.05	8:22	8.79	8.11	28.67	24.52	2.56	24	0.286	SE	/
M2	20220512	Cloudy	Moderate	Mid-Ebb	Middle	7.05	8:22	8.53	8.11	28.41	24.52	2.92	22	0.288	E	/
M2	20220512	Cloudy	Moderate	Mid-Ebb	Bottom	13.1	8:21	8.28	8.11	28.69	24.44	2.93	25	0.273	E	/
M2	20220512	Cloudy	Moderate	Mid-Ebb	Bottom	13.1	8:21	8.49	8.03	28.56	24.46	2.64	26	0.288	SE	/
M3	20220512	Cloudy	Moderate	Mid-Ebb	Surface	1	8:58	8.36	8.03	27.96	24.24	2.10	20	0.278	E	/
M3	20220512	Cloudy	Moderate	Mid-Ebb	Surface	1	8:58	8.45	8.11	28.16	24.18	2.28	20	0.287	E	/
M3	20220512	Cloudy	Moderate	Mid-Ebb	Middle	3.9	8:57	8.46	8.07	28.36	24.26	2.21	18	0.288	E	/
M3	20220512	Cloudy	Moderate	Mid-Ebb	Middle	3.9	8:57	8.55	8.09	28.30	24.06	2.47	19	0.287	SE	/
M3	20220512	Cloudy	Moderate	Mid-Ebb	Bottom	6.8	8:56	8.52	8.09	28.16	24.23	2.31	20	0.286	SE	/
M3	20220512	Cloudy	Moderate	Mid-Ebb	Bottom	6.8	8:56	8.82	8.07	28.25	24.21	2.42	21	0.266	SE	/
M4	20220512	Cloudy	Moderate	Mid-Ebb	Surface	1	9:35	8.29	8.18	28.59	24.10	2.65	26	0.281	SE	/
M4	20220512	Cloudy	Moderate	Mid-Ebb	Surface	1	9:35	8.51	8.17	28.52	24.09	2.60	28	0.267	E	/
M4	20220512	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	9:34	8.41	8.20	28.28	24.13	2.30	29	0.276	SE	/
M4	20220512	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	9:34	8.66	8.16	28.47	24.04	2.54	28	0.296	SE	/
C1	20220514	Cloudy	Moderate	Mid-Ebb	Surface	1	9:15	8.81	8.29	32.28	25.18	4.77	3	0.263	SE	/
C1	20220514	Cloudy	Moderate	Mid-Ebb	Surface	1	9:15	8.83	8.24	32.12	25.07	4.51	10	0.267	E	/
C1	20220514	Cloudy	Moderate	Mid-Ebb	Middle	10.4	9:14	9.01	8.22	32.18	25.14	4.89	9	0.283	E	/
C1	20220514	Cloudy	Moderate	Mid-Ebb	Middle	10.4	9:14	8.91	8.26	32.12	24.98	5.00	6	0.301	E	/
C1	20220514	Cloudy	Moderate	Mid-Ebb	Bottom	19.8	9:13	8.93	8.24	32.30	24.96	4.89	7	0.298	SE	/
C1	20220514	Cloudy	Moderate	Mid-Ebb	Bottom	19.8	9:13	8.86	8.26	32.24	24.99	5.14	4	0.270	SE	/
C2	20220514	Cloudy	Moderate	Mid-Ebb	Surface	1	10:23	8.95	8.26	31.46	24.96	4.14	3	0.288	E	/
C2	20220514	Cloudy	Moderate	Mid-Ebb	Surface	1	10:23	9.02	8.26	31.29	25.01	3.93	3	0.287	E	/
C2	20220514	Cloudy	Moderate	Mid-Ebb	Middle	11.05	10:22	8.96	8.22	31.42	24.97	4.30	2.5	0.281	SE	/
C2	20220514	Cloudy	Moderate	Mid-Ebb	Middle	11.05	10:22	9.05	8.21	31.27	25.05	4.05	3	0.288	SE	/
C2	20220514	Cloudy	Moderate	Mid-Ebb	Bottom	21.1	10:21	8.84	8.29	31.31	25.19	3.99	3	0.291	SE	/
C2	20220514	Cloudy	Moderate	Mid-Ebb	Bottom	21.1	10:21	8.91	8.21	31.53	24.93	4.14	2.5	0.284	SE	/
M1	20220514	Cloudy	Moderate	Mid-Ebb	Surface	1	9:48	8.31	8.25	32.19	25.19	3.23	3	0.285	SE	/
M1	20220514	Cloudy	Moderate	Mid-Ebb	Surface	1	9:48	8.37	8.23	32.22	25.21	3.09	3	0.296	SE	/
M1	20220514	Cloudy	Moderate	Mid-Ebb	Middle	3.7	9:47	8.19	8.21	32.12	25.05	3.12	3	0.298	SE	/
M1	20220514	Cloudy	Moderate	Mid-Ebb	Middle	3.7	9:47	8.22	8.25	32.24	25.24	3.02	2.5	0.278	E	/
M1	20220514	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	9:46	8.27	8.24	32.34	25.25	3.17	4	0.275	SE	/
M1	20220514	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	9:46	8.19	8.21	32.24	25.03	3.20	7	0.280	E	/
M2	20220514	Cloudy	Moderate	Mid-Ebb	Surface	1	9:31	8.22	8.18	31.63	25.19	2.96	2.5	0.300	E	/
M2	20220514	Cloudy	Moderate	Mid-Ebb	Surface	1	9:31	8.18	8.19	31.49	25.18	2.80	3	0.292	SE	/
M2	20220514	Cloudy	Moderate	Mid-Ebb	Middle	6.6	9:30	8.28	8.23	31.52	25.23	3.02	5	0.271	SE	/
M2	20220514	Cloudy	Moderate	Mid-Ebb	Middle	6.6	9:30	8.20	8.21	31.69	25.41	2.91	3	0.299	SE	/
M2	20220514	Cloudy	Moderate	Mid-Ebb	Bottom	12.2	9:29	8.35	8.20	31.39	25.15	2.82	7	0.285	E	/
M2	20220514	Cloudy	Moderate	Mid-Ebb	Bottom	12.2	9:29	8.33	8.23	31.54	25.35	3.20	4	0.290	SE	/
M3	20220514	Cloudy	Moderate	Mid-Ebb	Surface	1	10:04	8.96	8.23	32.39	25.19	3.06	4	0.290	SE	/
M3	20220514	Cloudy	Moderate	Mid-Ebb	Surface	1	10:04	8.88	8.24	32.39	25.20	3.15	4	0.295	SE	/
M3	20220514	Cloudy	Moderate	Mid-Ebb	Middle	3.8	10:03	8.80	8.18	32.02	24.95	3.17	2.5	0.293	SE	/
M3	20220514	Cloudy	Moderate	Mid-Ebb	Middle	3.8	10:03	8.98	8.24	32.39	25.20	3.40	2.5	0.273	E	/
M3	20220514	Cloudy	Moderate	Mid-Ebb	Bottom	6.6	10:02	8.87	8.21	32.04	24.92	3.26	2.5	0.266	SE	/
M3	20220514	Cloudy	Moderate	Mid-Ebb	Bottom	6.6	10:02	8.83	8.19	32.36	25.11	3.47	2.5	0.269	SE	/
M4	20220514	Cloudy	Moderate	Mid-Ebb	Surface	1	10:41	8.71	8.28	31.26	25.24	2.64	2.5	0.297	SE	/
M4	20220514	Cloudy	Moderate	Mid-Ebb	Surface	1	10:41	8.68	8.23	31.32	25.30	2.81	2.5	0.266	SE	/
M4	20220514	Cloudy	Moderate	Mid-Ebb	Bottom	3.6	10:40	8.80	8.28	31.16	25.19	2.71	3	0.274	SE	/
M4	20220514	Cloudy	Moderate	Mid-Ebb	Bottom	3.6	10:40	8.61	8.24	31.26	25.29	2.63	2.5	0.264	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	20220517	Sunny	Moderate	Mid-Ebb	Surface	1	11:17	8.35	8.26	31.52	25.67	3.77	3	0.263	SE	/
C1	20220517	Sunny	Moderate	Mid-Ebb	Surface	1	11:17	8.40	8.19	31.49	25.66	3.68	3	0.295	E	/
C1	20220517	Sunny	Moderate	Mid-Ebb	Middle	10.95	11:16	8.27	8.24	31.32	25.60	3.87	3	0.282	SE	/
C1	20220517	Sunny	Moderate	Mid-Ebb	Middle	10.95	11:16	8.41	8.26	31.49	25.65	3.98	3	0.264	SE	/
C1	20220517	Sunny	Moderate	Mid-Ebb	Bottom	20.9	11:15	8.38	8.24	31.51	25.55	3.89	4	0.285	E	/
C1	20220517	Sunny	Moderate	Mid-Ebb	Bottom	20.9	11:15	8.50	8.18	31.31	25.66	4.18	4	0.301	SE	/
C2	20220517	Sunny	Moderate	Mid-Ebb	Surface	1	12:38	9.05	8.17	31.81	25.84	3.10	5	0.276	SE	/
C2	20220517	Sunny	Moderate	Mid-Ebb	Surface	1	12:38	9.15	8.12	31.77	25.90	3.10	5	0.282	SE	/
C2	20220517	Sunny	Moderate	Mid-Ebb	Middle	10.5	12:37	9.01	8.13	31.83	25.92	2.93	5	0.293	SE	/
C2	20220517	Sunny	Moderate	Mid-Ebb	Middle	10.5	12:37	9.17	8.20	31.98	25.81	2.89	3	0.265	SE	/
C2	20220517	Sunny	Moderate	Mid-Ebb	Bottom	20	12:36	9.07	8.16	31.84	25.81	3.20	4	0.272	E	/
C2	20220517	Sunny	Moderate	Mid-Ebb	Bottom	20	12:36	9.10	8.15	31.83	25.92	3.16	5	0.298	E	/
M1	20220517	Sunny	Moderate	Mid-Ebb	Surface	1	11:52	9.29	8.23	32.31	25.81	3.72	4	0.288	SE	/
M1	20220517	Sunny	Moderate	Mid-Ebb	Surface	1	11:52	9.33	8.24	32.19	25.81	3.61	4	0.270	SE	/
M1	20220517	Sunny	Moderate	Mid-Ebb	Middle	3.6	11:51	9.28	8.27	32.27	25.74	3.54	5	0.273	SE	/
M1	20220517	Sunny	Moderate	Mid-Ebb	Middle	3.6	11:51	9.39	8.24	32.14	25.67	3.65	6	0.293	SE	/
M1	20220517	Sunny	Moderate	Mid-Ebb	Bottom	6.2	11:50	9.34	8.23	32.29	25.71	3.60	7	0.267	SE	/
M1	20220517	Sunny	Moderate	Mid-Ebb	Bottom	6.2	11:50	9.29	8.28	32.34	25.75	3.72	4	0.286	SE	/
M2	20220517	Sunny	Moderate	Mid-Ebb	Surface	1	11:35	9.18	8.17	31.69	25.88	3.50	4	0.265	SE	/
M2	20220517	Sunny	Moderate	Mid-Ebb	Surface	1	11:35	8.96	8.16	31.73	25.82	3.27	6	0.279	SE	/
M2	20220517	Sunny	Moderate	Mid-Ebb	Middle	6.35	11:34	9.14	8.15	31.84	25.91	3.48	6	0.290	SE	/
M2	20220517	Sunny	Moderate	Mid-Ebb	Middle	6.35	11:34	9.09	8.17	31.73	25.89	3.33	7	0.285	SE	/
M2	20220517	Sunny	Moderate	Mid-Ebb	Bottom	11.7	11:33	9.08	8.13	31.87	25.77	3.65	4	0.300	SE	/
M2	20220517	Sunny	Moderate	Mid-Ebb	Bottom	11.7	11:33	9.17	8.15	31.82	25.82	3.57	4	0.280	SE	/
M3	20220517	Sunny	Moderate	Mid-Ebb	Surface	1	12:13	8.85	8.16	31.42	25.72	3.03	3	0.293	SE	/
M3	20220517	Sunny	Moderate	Mid-Ebb	Surface	1	12:13	8.72	8.19	31.45	25.64	2.68	3	0.264	SE	/
M3	20220517	Sunny	Moderate	Mid-Ebb	Middle	3.5	12:12	8.96	8.14	31.52	25.66	2.67	2.5	0.288	E	/
M3	20220517	Sunny	Moderate	Mid-Ebb	Middle	3.5	12:12	8.81	8.18	31.48	25.73	2.65	3	0.298	SE	/
M3	20220517	Sunny	Moderate	Mid-Ebb	Bottom	6	12:11	8.67	8.15	31.50	25.73	2.65	3	0.283	SE	/
M3	20220517	Sunny	Moderate	Mid-Ebb	Bottom	6	12:11	8.85	8.14	31.58	25.75	2.98	3	0.301	SE	/
M4	20220517	Sunny	Moderate	Mid-Ebb	Surface	1	13:01	9.05	8.17	31.26	25.70	2.66	4	0.274	E	/
M4	20220517	Sunny	Moderate	Mid-Ebb	Surface	1	13:01	9.20	8.17	31.20	25.71	2.70	3	0.278	E	/
M4	20220517	Sunny	Moderate	Mid-Ebb	Bottom	3.5	13:00	9.26	8.13	31.38	25.74	2.83	3	0.300	E	/
M4	20220517	Sunny	Moderate	Mid-Ebb	Bottom	3.5	13:00	9.13	8.26	31.19	25.77	2.89	5	0.270	SE	/
C1	20220519	Sunny	Moderate	Mid-Ebb	Surface	1	12:53	8.86	8.17	31.36	26.00	6.14	5	0.284	SE	/
C1	20220519	Sunny	Moderate	Mid-Ebb	Surface	1	12:53	8.85	8.21	31.34	25.84	6.46	4	0.288	SE	/
C1	20220519	Sunny	Moderate	Mid-Ebb	Middle	10.2	12:52	8.99	8.22	31.16	25.92	6.88	2.5	0.282	SE	/
C1	20220519	Sunny	Moderate	Mid-Ebb	Middle	10.2	12:52	8.90	8.23	31.39	25.88	6.35	2.5	0.263	SE	/
C1	20220519	Sunny	Moderate	Mid-Ebb	Bottom	19.4	12:51	8.99	8.18	31.43	26.00	7.10	2.5	0.295	E	/
C1	20220519	Sunny	Moderate	Mid-Ebb	Bottom	19.4	12:51	8.99	8.20	31.37	25.95	7.11	2.5	0.266	SE	/
C2	20220519	Sunny	Moderate	Mid-Ebb	Surface	1	14:10	8.78	8.12	31.20	25.98	5.32	3	0.297	E	/
C2	20220519	Sunny	Moderate	Mid-Ebb	Surface	1	14:10	8.72	8.15	31.25	25.99	5.55	2.5	0.269	SE	/
C2	20220519	Sunny	Moderate	Mid-Ebb	Middle	12.35	14:09	8.82	8.14	31.33	26.11	5.65	2.5	0.292	SE	/
C2	20220519	Sunny	Moderate	Mid-Ebb	Middle	12.35	14:09	8.81	8.23	31.44	26.01	5.66	2.5	0.272	E	/
C2	20220519	Sunny	Moderate	Mid-Ebb	Bottom	23.7	14:08	8.73	8.22	31.47	26.05	5.88	3	0.274	SE	/
C2	20220519	Sunny	Moderate	Mid-Ebb	Bottom	23.7	14:08	8.77	8.18	31.30	26.00	6.03	2.5	0.295	SE	/
M1	20220519	Sunny	Moderate	Mid-Ebb	Surface	1	13:34	8.52	8.25	31.69	25.79	5.13	2.5	0.278	SE	/
M1	20220519	Sunny	Moderate	Mid-Ebb	Surface	1	13:34	8.61	8.26	31.91	25.69	5.23	3	0.291	E	/
M1	20220519	Sunny	Moderate	Mid-Ebb	Middle	3.45	13:33	8.66	8.20	31.79	25.67	5.13	4	0.291	SE	/
M1	20220519	Sunny	Moderate	Mid-Ebb	Middle	3.45	13:33	8.59	8.23	31.72	25.78	5.46	2.5	0.275	SE	/
M1	20220519	Sunny	Moderate	Mid-Ebb	Bottom	5.9	13:32	8.59	8.16	31.98	25.68	5.45	2.5	0.289	SE	/
M1	20220519	Sunny	Moderate	Mid-Ebb	Bottom	5.9	13:32	8.64	8.19	32.00	25.75	5.52	2.5	0.273	E	/
M2	20220519	Sunny	Moderate	Mid-Ebb	Surface	1	13:12	8.65	8.02	31.34	25.76	5.29	2.5	0.265	SE	/
M2	20220519	Sunny	Moderate	Mid-Ebb	Surface	1	13:12	8.72	8.03	31.37	25.77	5.30	2.5	0.264	E	/
M2	20220519	Sunny	Moderate	Mid-Ebb	Middle	6.05	13:11	8.69	8.02	31.41	25.84	5.03	2.5	0.301	SE	/
M2	20220519	Sunny	Moderate	Mid-Ebb	Middle	6.05	13:11	8.64	8.05	31.45	25.69	5.36	2.5	0.298	SE	/
M2	20220519	Sunny	Moderate	Mid-Ebb	Bottom	11.1	13:10	8.72	8.03	31.34	25.77	5.15	2.5	0.278	E	/
M2	20220519	Sunny	Moderate	Mid-Ebb	Bottom	11.1	13:10	8.68	8.03	31.42	25.80	4.98	2.5	0.298	SE	/
M3	20220519	Sunny	Moderate	Mid-Ebb	Surface	1	13:51	8.94	8.22	31.43	25.70	4.84	2.5	0.299	SE	/
M3	20220519	Sunny	Moderate	Mid-Ebb	Surface	1	13:51	8.98	8.26	31.24	25.76	4.70	2.5	0.273	E	/
M3	20220519	Sunny	Moderate	Mid-Ebb	Middle	3.35	13:50	8.97	8.28	31.21	25.77	4.75	2.5	0.275	SE	/
M3	20220519	Sunny	Moderate	Mid-Ebb	Middle	3.35	13:50	8.96	8.21	31.30	25.70	4.74	2.5	0.271	SE	/
M3	20220519	Sunny	Moderate	Mid-Ebb	Bottom	5.7	13:49	8.99	8.16	31.54	25.84	4.78	5	0.268	E	/
M3	20220519	Sunny	Moderate	Mid-Ebb	Bottom	5.7	13:49	8.92	8.16	31.35	25.81	4.63	5	0.297	E	/
M4	20220519	Sunny	Moderate	Mid-Ebb	Surface	1	14:30	8.11	8.20	32.32	25.84	3.65	5	0.293	E	/
M4	20220519	Sunny	Moderate	Mid-Ebb	Surface	1	14:30	8.11	8.16	32.25	25.91	3.35	5	0.268	SE	/
M4	20220519	Sunny	Moderate	Mid-Ebb	Bottom	3.8	14:29	8.00	8.24	32.45	25.85	3.36	6	0.276	E	/
M4	20220519	Sunny	Moderate	Mid-Ebb	Bottom	3.8	14:29	8.15	8.19	32.38	25.90	3.77	3	0.280	SE	/
C1	20220521	Cloudy	Moderate	Mid-Ebb	Surface	1	15:02	8.00	8.00	32.58	24.97	5.73	4	0.268	SE	/
C1	20220521	Cloudy	Moderate	Mid-Ebb	Surface	1	15:02	8.41	8.08	32.50	25.04	6.08	3	0.269	E	/
C1	20220521	Cloudy	Moderate	Mid-Ebb	Middle	10.25	15:01	8.40	8.06	32.42	24.98	6.33	4	0.300	E	/
C1	20220521	Cloudy	Moderate	Mid-Ebb	Middle	10.25	15:01	8.14	8.01	32.44	25.03	6.25	5	0.280	E	/
C1	20220521	Cloudy	Moderate	Mid-Ebb	Bottom	19.5	15:00	8.23	8.06	32.61	25.04	6.52	3	0.264	SE	/
C1	20220521	Cloudy	Moderate	Mid-Ebb	Bottom	19.5	15:00	8.32	8.07	32.47	25.03	6.58	3	0.265	SE	/
C2	20220521	Cloudy	Moderate	Mid-Ebb	Surface	1	16:11	8.13	8.21	31.89	24.80	5.51	5	0.286	SE	/
C2	20220521	Cloudy	Moderate	Mid-Ebb	Surface	1	16:11	8.39	8.17	32.07	24.79	5.43	4	0.301	SE	/
C2	20220521	Cloudy	Moderate	Mid-Ebb	Middle	11.6	16:10	8.47	8.12	32.03	24.88	5.35	8	0.293	SE	/
C2	20220521	Cloudy	Moderate	Mid-Ebb	Middle	11.6	16:10	8.43	8.15	31.99	24.82	5.75	7	0.280	E	/
C2	20220521	Cloudy	Moderate	Mid-Ebb	Bottom	22.2	16:09	8.08	8.21	31.88	24.81	5.78	6	0.300	E	/
C2	20220521	Cloudy	Moderate	Mid-Ebb	Bottom	22.2	16:09	8.19	8.21	31.89	24.89	5.46	6	0.267	SE	/
M1	20220521	Cloudy	Moderate	Mid-Ebb	Surface	1	15:37	8.39	8.31	33.18	24.88	4.75	4	0.294	SE	/
M1	20220521	Cloudy	Moderate	Mid-Ebb	Surface	1	15:37	8.34	8.20	33.18	24.97	4.86	4	0.272	E	/
M1	20220521	Cloudy	Moderate	Mid-Ebb	Middle	3.6	15:36	8.62	8.31	33.12	24.85	4.82	5	0.290	SE	/
M1	20220521	Cloudy	Moderate	Mid-Ebb	Middle	3.6	15:36	8.55	8.22	33.10	24.92	4.74	5	0.300	SE	/
M1	20220521	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	15:35	8.68	8.27	33.02	24.89	4.69	6	0.288	SE	/
M1	20220521	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	15:35	8.62	8.22	33.07	24.97	5.08	6	0.299	E	/
M2	20220521	Cloudy	Moderate	Mid-Ebb	Surface	1	15:20	8.11	8.17	32.87	24.92	4.56	5	0.270	E	/
M2	20220521	Cloudy	Moderate	Mid-Ebb	Surface	1	15:20	8.51	8.24	32.72	25.03	4.25	4	0.296	E	/
M2	20220521	Cloudy	Moderate	Mid-Ebb	Middle	6.7	15:19	8.31	8.23	32.84	24.96	4.60	4	0.270	SE	/
M2	20220521	Cloudy	Moderate	Mid-Ebb	Middle	6.7	15:19	8.28	8.21	32.68	25.00	4.31	4	0.295	SE	/
M2	20220521	Cloudy	Moderate	Mid-Ebb	Bottom	12.4	15:18	8.21	8.23	32.70	24.94	4.54	4	0.277	SE	/
M2	20220521	Cloudy	Moderate	Mid-Ebb	Bottom	12.4	15:18	8.47	8.17	32.78	25.01	4.46	4	0.273	SE	/
M3	20220521	Cloudy	Moderate	Mid-Ebb	Surface	1	15:54	8.75	8.12	32.47	24.89	3.97	3	0.298	SE	/
M3	20220521	Cloudy	Moderate	Mid-Ebb	Surface	1	15:54	8.73	8.16	32.49	24.88	3.90	6	0.287	E	/
M3	20220521	Cloudy	Moderate	Mid-Ebb	Middle	3.6	15:53	8.53	8.23	32.53	24.78	4.04	2.5	0.289	E	/
M3	20220521	Cloudy	Moderate	Mid-Ebb	Middle	3.6	15:53	8.66	8.14	32.45	24.89	4.07	2.5	0.294	SE	/
M3	20220521	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	15:52	8.87	8.14	32.53	24.78	3.69	2.5	0.290	E	/
M3	20220521	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	15:52	8.71	8.21	32.52	24.73	3.80	3	0.278	SE	/
M4	20220521	Cloudy	Moderate	Mid-Ebb	Surface	1	16:35	8.11	8.26	32.74	24.82	4.63	5	0.268	E	/
M4	20220521	Cloudy	Moderate	Mid-Ebb	Surface	1	16:35	8.02	8.20	32.62	24.91	4.38	4	0.293	SE	/
M4	20220521	Cloudy	Moderate	Mid-Ebb	Bottom	4.6	16:33	8.09	8.27	32.51	24.76	4.42	4	0.293	SE	/
M4	20220521	Cloudy	Moderate	Mid-Ebb	Bottom	4.6	16:33	8.24	8.19	32.76	24.89	4.55	4	0.263	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	20220524	Sunny	Moderate	Mid-Ebb	Surface	1	16:56	8.17	8.25	32.46	25.15	3.94	2.5	0.301	SE	/
C1	20220524	Sunny	Moderate	Mid-Ebb	Surface	1	16:56	8.08	8.28	32.30	25.05	4.01	2.5	0.271	E	/
C1	20220524	Sunny	Moderate	Mid-Ebb	Middle	11.6	16:55	8.18	8.26	32.38	25.09	4.26	5	0.297	SE	/
C1	20220524	Sunny	Moderate	Mid-Ebb	Middle	11.6	16:55	8.12	8.26	32.34	25.10	4.16	8	0.280	SE	/
C1	20220524	Sunny	Moderate	Mid-Ebb	Bottom	22.2	16:54	8.03	8.26	32.51	25.07	4.86	5	0.278	SE	/
C1	20220524	Sunny	Moderate	Mid-Ebb	Bottom	22.2	16:54	8.06	8.29	32.48	25.18	4.54	7	0.288	E	/
C2	20220524	Sunny	Moderate	Mid-Ebb	Surface	1	18:00	8.61	8.20	32.63	25.38	3.66	3	0.291	SE	/
C2	20220524	Sunny	Moderate	Mid-Ebb	Surface	1	18:00	8.52	8.26	32.59	25.42	3.53	5	0.272	E	/
C2	20220524	Sunny	Moderate	Mid-Ebb	Middle	11.15	17:59	8.57	8.21	32.49	25.43	3.95	3	0.292	E	/
C2	20220524	Sunny	Moderate	Mid-Ebb	Middle	11.15	17:59	8.53	8.22	32.63	25.28	3.88	2.5	0.283	SE	/
C2	20220524	Sunny	Moderate	Mid-Ebb	Bottom	21.3	17:58	8.50	8.27	32.63	25.40	4.22	3	0.292	SE	/
C2	20220524	Sunny	Moderate	Mid-Ebb	Bottom	21.3	17:58	8.73	8.28	32.55	25.36	4.15	4	0.275	SE	/
M1	20220524	Sunny	Moderate	Mid-Ebb	Surface	1	17:27	8.84	8.22	32.34	24.88	2.66	2.5	0.266	E	/
M1	20220524	Sunny	Moderate	Mid-Ebb	Surface	1	17:27	8.70	8.29	32.59	24.94	2.73	3	0.280	E	/
M1	20220524	Sunny	Moderate	Mid-Ebb	Middle	3.6	17:26	8.67	8.22	32.44	25.10	2.63	3	0.275	E	/
M1	20220524	Sunny	Moderate	Mid-Ebb	Middle	3.6	17:26	8.68	8.31	32.34	25.08	2.61	3	0.281	SE	/
M1	20220524	Sunny	Moderate	Mid-Ebb	Bottom	6.2	17:25	8.71	8.30	32.59	24.95	2.54	2.5	0.298	SE	/
M1	20220524	Sunny	Moderate	Mid-Ebb	Bottom	6.2	17:25	8.64	8.25	32.38	25.05	2.66	2.5	0.277	E	/
M2	20220524	Sunny	Moderate	Mid-Ebb	Surface	1	17:13	8.96	8.14	31.62	25.04	3.60	3	0.277	E	/
M2	20220524	Sunny	Moderate	Mid-Ebb	Surface	1	17:13	8.93	8.19	31.58	25.07	3.16	2.5	0.281	SE	/
M2	20220524	Sunny	Moderate	Mid-Ebb	Middle	6.1	17:12	8.90	8.15	31.57	24.95	3.32	2.5	0.287	SE	/
M2	20220524	Sunny	Moderate	Mid-Ebb	Middle	6.1	17:12	8.88	8.18	31.46	25.16	3.18	2.5	0.285	SE	/
M2	20220524	Sunny	Moderate	Mid-Ebb	Bottom	11.2	17:11	8.79	8.14	31.51	25.05	3.45	2.5	0.269	E	/
M2	20220524	Sunny	Moderate	Mid-Ebb	Bottom	11.2	17:11	8.84	8.16	31.47	25.17	3.13	3	0.273	SE	/
M3	20220524	Sunny	Moderate	Mid-Ebb	Surface	1	17:42	8.46	8.28	31.63	25.16	2.75	3	0.263	E	/
M3	20220524	Sunny	Moderate	Mid-Ebb	Surface	1	17:42	8.34	8.28	31.69	25.23	3.03	3	0.283	SE	/
M3	20220524	Sunny	Moderate	Mid-Ebb	Middle	3.8	17:41	8.48	8.26	31.72	25.17	2.88	3	0.271	SE	/
M3	20220524	Sunny	Moderate	Mid-Ebb	Middle	3.8	17:41	8.38	8.31	31.78	25.24	2.84	2.5	0.291	SE	/
M3	20220524	Sunny	Moderate	Mid-Ebb	Bottom	6.6	17:40	8.27	8.31	31.66	25.20	2.74	5	0.298	E	/
M3	20220524	Sunny	Moderate	Mid-Ebb	Bottom	6.6	17:40	8.42	8.27	31.62	25.21	2.77	8	0.276	SE	/
M4	20220524	Sunny	Moderate	Mid-Ebb	Surface	1	18:23	8.51	8.15	31.61	25.20	3.39	3	0.267	E	/
M4	20220524	Sunny	Moderate	Mid-Ebb	Surface	1	18:23	8.62	8.16	31.61	25.25	3.09	2.5	0.295	E	/
M4	20220524	Sunny	Moderate	Mid-Ebb	Bottom	3.5	18:22	8.49	8.20	31.60	25.10	3.19	3	0.274	SE	/
M4	20220524	Sunny	Moderate	Mid-Ebb	Bottom	3.5	18:22	8.56	8.29	31.76	25.12	3.27	3	0.288	SE	/
C1	20220526	Cloudy	Moderate	Mid-Ebb	Surface	1	8:12	8.03	8.30	31.86	25.03	3.69	2.5	0.297	SE	/
C1	20220526	Cloudy	Moderate	Mid-Ebb	Surface	1	8:12	7.99	8.30	31.74	24.91	3.79	3	0.285	SE	/
C1	20220526	Cloudy	Moderate	Mid-Ebb	Middle	9.35	8:11	8.08	8.29	31.79	24.90	3.93	2.5	0.265	SE	/
C1	20220526	Cloudy	Moderate	Mid-Ebb	Middle	9.35	8:11	8.02	8.28	31.60	25.04	3.82	2.5	0.284	E	/
C1	20220526	Cloudy	Moderate	Mid-Ebb	Bottom	17.7	8:10	8.12	8.29	31.75	25.03	4.16	3	0.283	SE	/
C1	20220526	Cloudy	Moderate	Mid-Ebb	Bottom	17.7	8:10	8.06	8.23	31.87	24.79	4.06	2.5	0.273	SE	/
C2	20220526	Cloudy	Moderate	Mid-Ebb	Surface	1	9:20	8.68	8.32	32.40	24.74	3.45	4	0.287	SE	/
C2	20220526	Cloudy	Moderate	Mid-Ebb	Surface	1	9:20	8.78	8.25	32.45	24.79	3.69	3	0.291	SE	/
C2	20220526	Cloudy	Moderate	Mid-Ebb	Middle	10.85	9:19	8.68	8.32	32.20	24.78	3.80	4	0.286	E	/
C2	20220526	Cloudy	Moderate	Mid-Ebb	Middle	10.85	9:19	8.78	8.28	32.39	24.85	3.77	2.5	0.264	E	/
C2	20220526	Cloudy	Moderate	Mid-Ebb	Bottom	20.7	9:18	8.65	8.26	32.44	24.91	3.78	2.5	0.281	E	/
C2	20220526	Cloudy	Moderate	Mid-Ebb	Bottom	20.7	9:18	8.68	8.28	32.22	24.95	3.47	2.5	0.286	E	/
M1	20220526	Cloudy	Moderate	Mid-Ebb	Surface	1	8:47	8.31	8.21	31.70	24.55	2.81	4	0.264	E	/
M1	20220526	Cloudy	Moderate	Mid-Ebb	Surface	1	8:47	8.32	8.26	31.72	24.76	3.06	2.5	0.273	E	/
M1	20220526	Cloudy	Moderate	Mid-Ebb	Middle	3.6	8:46	8.40	8.22	31.71	24.73	3.03	3	0.293	E	/
M1	20220526	Cloudy	Moderate	Mid-Ebb	Middle	3.6	8:46	8.48	8.22	31.96	24.71	2.76	3	0.297	SE	/
M1	20220526	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	8:45	8.35	8.23	31.78	24.75	2.66	2.5	0.276	E	/
M1	20220526	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	8:45	8.45	8.22	31.75	24.63	2.65	2.5	0.277	SE	/
M2	20220526	Cloudy	Moderate	Mid-Ebb	Surface	1	8:31	8.75	8.28	32.09	24.67	2.28	2.5	0.296	E	/
M2	20220526	Cloudy	Moderate	Mid-Ebb	Surface	1	8:31	8.88	8.27	32.09	24.75	2.19	2.5	0.270	E	/
M2	20220526	Cloudy	Moderate	Mid-Ebb	Middle	6	8:30	8.78	8.29	32.17	24.64	2.42	3	0.274	SE	/
M2	20220526	Cloudy	Moderate	Mid-Ebb	Middle	6	8:30	8.84	8.29	32.28	24.57	2.15	5	0.279	SE	/
M2	20220526	Cloudy	Moderate	Mid-Ebb	Bottom	11	8:29	8.76	8.27	32.28	24.70	2.25	2.5	0.281	E	/
M2	20220526	Cloudy	Moderate	Mid-Ebb	Bottom	11	8:29	8.75	8.27	32.11	24.59	2.32	3	0.276	E	/
M3	20220526	Cloudy	Moderate	Mid-Ebb	Surface	1	9:01	8.53	8.28	33.00	24.65	2.22	2.5	0.265	SE	/
M3	20220526	Cloudy	Moderate	Mid-Ebb	Surface	1	9:01	8.56	8.31	32.96	24.59	2.53	2.5	0.277	SE	/
M3	20220526	Cloudy	Moderate	Mid-Ebb	Middle	3.85	9:00	8.53	8.30	32.86	24.65	2.22	5	0.265	SE	/
M3	20220526	Cloudy	Moderate	Mid-Ebb	Middle	3.85	9:00	8.52	8.30	33.02	24.62	2.43	3	0.287	SE	/
M3	20220526	Cloudy	Moderate	Mid-Ebb	Bottom	6.7	8:59	8.55	8.27	33.07	24.71	2.39	2.5	0.292	SE	/
M3	20220526	Cloudy	Moderate	Mid-Ebb	Bottom	6.7	8:59	8.47	8.30	32.88	24.78	2.31	3	0.273	SE	/
M4	20220526	Cloudy	Moderate	Mid-Ebb	Surface	1	9:43	8.45	8.19	32.99	24.83	2.24	2.5	0.271	SE	/
M4	20220526	Cloudy	Moderate	Mid-Ebb	Surface	1	9:43	8.46	8.18	33.05	24.86	2.15	3	0.289	SE	/
M4	20220526	Cloudy	Moderate	Mid-Ebb	Bottom	4	9:42	8.31	8.21	32.92	24.82	2.22	2.5	0.276	SE	/
M4	20220526	Cloudy	Moderate	Mid-Ebb	Bottom	4	9:42	8.35	8.17	32.98	24.71	2.15	3	0.266	E	/
C1	20220528	Cloudy	Moderate	Mid-Ebb	Surface	1	9:29	9.06	8.19	31.85	25.56	3.56	2.5	0.287	SE	/
C1	20220528	Cloudy	Moderate	Mid-Ebb	Surface	1	9:29	9.19	8.15	31.76	25.51	3.72	2.5	0.288	E	/
C1	20220528	Cloudy	Moderate	Mid-Ebb	Middle	11.25	9:28	9.19	8.16	31.89	25.57	3.89	2.5	0.276	SE	/
C1	20220528	Cloudy	Moderate	Mid-Ebb	Middle	11.25	9:28	9.03	8.15	31.95	25.50	3.96	2.5	0.263	SE	/
C1	20220528	Cloudy	Moderate	Mid-Ebb	Bottom	21.5	9:27	9.13	8.19	31.94	25.55	3.82	3	0.297	SE	/
C1	20220528	Cloudy	Moderate	Mid-Ebb	Bottom	21.5	9:27	9.03	8.14	31.85	25.49	3.73	3	0.263	E	/
C2	20220528	Cloudy	Moderate	Mid-Ebb	Surface	1	10:35	8.22	8.26	31.67	25.27	3.15	5	0.292	SE	/
C2	20220528	Cloudy	Moderate	Mid-Ebb	Surface	1	10:35	8.32	8.31	31.88	25.27	3.07	4	0.273	E	/
C2	20220528	Cloudy	Moderate	Mid-Ebb	Middle	11.85	10:34	8.39	8.28	31.86	25.23	3.28	4	0.288	SE	/
C2	20220528	Cloudy	Moderate	Mid-Ebb	Middle	11.85	10:34	8.33	8.26	31.74	25.37	3.32	3	0.263	SE	/
C2	20220528	Cloudy	Moderate	Mid-Ebb	Bottom	22.7	10:33	8.33	8.31	31.84	25.34	3.51	4	0.296	E	/
C2	20220528	Cloudy	Moderate	Mid-Ebb	Bottom	22.7	10:33	8.20	8.29	31.60	25.32	3.48	3	0.265	SE	/
M1	20220528	Cloudy	Moderate	Mid-Ebb	Surface	1	10:01	8.94	8.22	31.67	25.16	2.63	2.5	0.301	E	/
M1	20220528	Cloudy	Moderate	Mid-Ebb	Surface	1	10:01	9.06	8.14	31.67	25.24	2.90	4	0.298	SE	/
M1	20220528	Cloudy	Moderate	Mid-Ebb	Middle	3.25	10:00	8.99	8.18	31.68	25.20	2.89	4	0.281	SE	/
M1	20220528	Cloudy	Moderate	Mid-Ebb	Middle	3.25	10:00	9.04	8.20	31.80	25.26	2.58	6	0.300	SE	/
M1	20220528	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	9:59	8.94	8.16	31.76	25.17	2.84	5	0.287	SE	/
M1	20220528	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	9:59	9.09	8.19	31.87	25.26	2.54	7	0.284	SE	/
M2	20220528	Cloudy	Moderate	Mid-Ebb	Surface	1	9:44	8.55	8.18	32.69	25.28	2.08	3	0.296	SE	/
M2	20220528	Cloudy	Moderate	Mid-Ebb	Surface	1	9:44	8.42	8.15	32.65	25.36	2.21	5	0.293	SE	/
M2	20220528	Cloudy	Moderate	Mid-Ebb	Middle	6.6	9:43	8.57	8.14	32.75	25.39	2.17	7	0.294	SE	/
M2	20220528	Cloudy	Moderate	Mid-Ebb	Middle	6.6	9:43	8.60	8.16	32.71	25.32	2.41	9	0.277	E	/
M2	20220528	Cloudy	Moderate	Mid-Ebb	Bottom	12.2	9:42	8.67	8.17	32.68	25.25	2.30	6	0.293	SE	/
M2	20220528	Cloudy	Moderate	Mid-Ebb	Bottom	12.2	9:42	8.49	8.19	32.72	25.26	2.24	6	0.280	E	/
M3	20220528	Cloudy	Moderate	Mid-Ebb	Surface	1	10:18	8.06	8.24	32.37	25.38	2.83	3	0.293	SE	/
M3	20220528	Cloudy	Moderate	Mid-Ebb	Surface	1	10:18	8.27	8.29	32.50	25.37	2.74	5	0.294	E	/
M3	20220528	Cloudy	Moderate	Mid-Ebb	Middle	4	10:17	8.15	8.27	32.34	25.47	2.81	4	0.300	SE	/
M3	20220528	Cloudy	Moderate	Mid-Ebb	Middle	4	10:17	8.11	8.31	32.56	25.38	2.65	3	0.292	SE	/
M3	20220528	Cloudy	Moderate	Mid-Ebb	Bottom	7	10:16	8.26	8.24	32.53	25.47	2.77	4	0.279	E	/
M3	20220528	Cloudy	Moderate	Mid-Ebb	Bottom	7	10:16	8.00	8.29	32.49	25.52	2.87	2.5	0.278	SE	/
M4	20220528	Cloudy	Moderate	Mid-Ebb	Surface	1	10:56	8.91	8.25	32.71	25.41	2.75	2.5	0.276	E	/
M4	20220528	Cloudy	Moderate	Mid-Ebb	Surface	1	10:56	9.01	8.26	32.79	25.41	2.66	3	0.271	SE	/
M4	20220528	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	10:55	9.05	8.27	32.75	25.47	2.65	4	0.292	SE	/
M4	20220528	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	10:55	9.14	8.29	32.75	25.43	2.67	4	0.266	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	20220531	Cloudy	Moderate	Mid-Ebb	Surface	1	11:10	9.27	8.22	32.65	25.15	3.65	12	0.277	SE	/
C1	20220531	Cloudy	Moderate	Mid-Ebb	Surface	1	11:10	9.07	8.20	32.82	25.21	3.60	12	0.279	SE	/
C1	20220531	Cloudy	Moderate	Mid-Ebb	Middle	10.75	11:09	9.12	8.21	32.79	25.20	3.83	12	0.294	SE	/
C1	20220531	Cloudy	Moderate	Mid-Ebb	Middle	10.75	11:09	9.17	8.23	32.66	25.17	3.98	12	0.293	SE	/
C1	20220531	Cloudy	Moderate	Mid-Ebb	Bottom	20.5	11:08	9.33	8.19	32.53	24.99	4.28	10	0.281	SE	/
C1	20220531	Cloudy	Moderate	Mid-Ebb	Bottom	20.5	11:08	9.18	8.19	32.57	25.03	4.41	13	0.283	E	/
C2	20220531	Cloudy	Moderate	Mid-Ebb	Surface	1	12:20	8.50	8.22	32.68	25.15	3.22	11	0.298	E	/
C2	20220531	Cloudy	Moderate	Mid-Ebb	Surface	1	12:20	8.47	8.23	32.81	25.10	3.36	13	0.275	E	/
C2	20220531	Cloudy	Moderate	Mid-Ebb	Middle	12.15	12:19	8.30	8.23	32.54	25.23	3.61	7	0.281	SE	/
C2	20220531	Cloudy	Moderate	Mid-Ebb	Middle	12.15	12:19	8.45	8.23	32.71	25.33	3.77	11	0.300	E	/
C2	20220531	Cloudy	Moderate	Mid-Ebb	Bottom	23.3	12:18	8.37	8.27	32.87	25.11	3.75	15	0.296	SE	/
C2	20220531	Cloudy	Moderate	Mid-Ebb	Bottom	23.3	12:18	8.26	8.26	32.57	25.11	3.95	17	0.270	SE	/
M1	20220531	Cloudy	Moderate	Mid-Ebb	Surface	1	11:43	9.20	8.36	33.03	25.03	3.21	10	0.265	SE	/
M1	20220531	Cloudy	Moderate	Mid-Ebb	Surface	1	11:43	9.13	8.29	33.13	25.27	3.01	11	0.292	SE	/
M1	20220531	Cloudy	Moderate	Mid-Ebb	Middle	3.55	11:42	9.13	8.32	33.23	25.20	3.11	9	0.292	SE	/
M1	20220531	Cloudy	Moderate	Mid-Ebb	Middle	3.55	11:42	9.00	8.33	33.15	25.08	3.39	11	0.288	SE	/
M1	20220531	Cloudy	Moderate	Mid-Ebb	Bottom	6.1	11:41	8.99	8.28	33.39	25.03	3.12	13	0.266	E	/
M1	20220531	Cloudy	Moderate	Mid-Ebb	Bottom	6.1	11:41	9.00	8.31	33.03	25.19	3.11	11	0.290	SE	/
M2	20220531	Cloudy	Moderate	Mid-Ebb	Surface	1	11:26	8.75	8.17	33.03	25.10	2.57	9	0.289	E	/
M2	20220531	Cloudy	Moderate	Mid-Ebb	Surface	1	11:26	8.82	8.18	32.99	25.22	2.48	7	0.293	SE	/
M2	20220531	Cloudy	Moderate	Mid-Ebb	Middle	6.2	11:25	8.83	8.18	32.80	25.11	2.82	13	0.270	SE	/
M2	20220531	Cloudy	Moderate	Mid-Ebb	Middle	6.2	11:25	8.89	8.22	32.68	25.21	2.80	13	0.264	SE	/
M2	20220531	Cloudy	Moderate	Mid-Ebb	Bottom	11.4	11:24	8.96	8.19	32.87	25.27	2.67	10	0.289	SE	/
M2	20220531	Cloudy	Moderate	Mid-Ebb	Bottom	11.4	11:24	8.93	8.18	32.86	25.19	2.90	10	0.280	E	/
M3	20220531	Cloudy	Moderate	Mid-Ebb	Surface	1	12:01	8.29	8.25	32.68	25.18	4.03	10	0.297	SE	/
M3	20220531	Cloudy	Moderate	Mid-Ebb	Surface	1	12:01	8.31	8.21	32.63	25.16	3.93	11	0.274	E	/
M3	20220531	Cloudy	Moderate	Mid-Ebb	Middle	3.6	12:00	8.31	8.23	32.71	25.28	3.69	11	0.300	SE	/
M3	20220531	Cloudy	Moderate	Mid-Ebb	Middle	3.6	12:00	8.11	8.24	32.70	25.13	3.70	12	0.282	E	/
M3	20220531	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	11:59	8.00	8.22	32.71	25.21	3.97	8	0.295	E	/
M3	20220531	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	11:59	8.12	8.21	32.81	25.32	4.00	10	0.285	SE	/
M4	20220531	Cloudy	Moderate	Mid-Ebb	Surface	1	12:38	8.86	8.25	32.47	25.07	2.15	12	0.293	SE	/
M4	20220531	Cloudy	Moderate	Mid-Ebb	Surface	1	12:38	8.87	8.19	32.58	25.06	2.08	13	0.279	SE	/
M4	20220531	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	12:37	8.91	8.21	32.23	25.13	2.09	9	0.291	E	/
M4	20220531	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	12:37	9.08	8.20	32.27	25.00	2.05	10	0.265	E	/

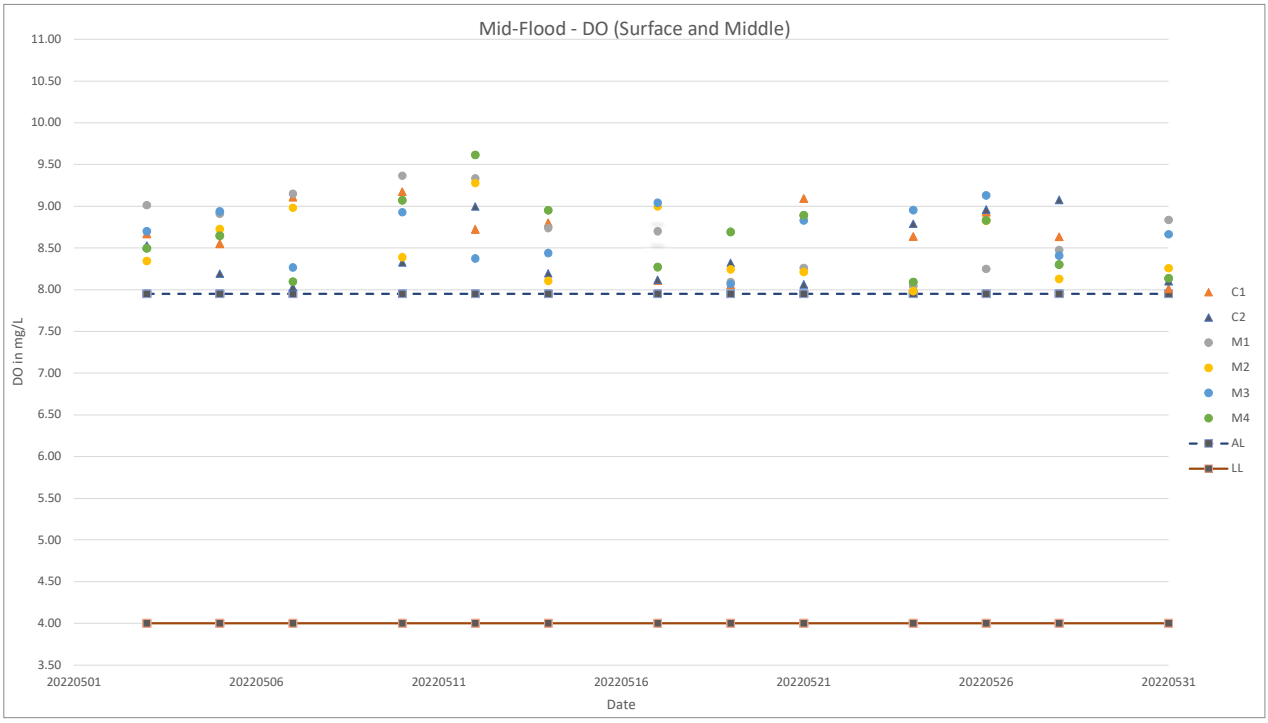
Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (?)	Turbidty (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20220503	Cloudy	Moderate	Mid-Flood	Surface	1	9:13	8.70	8.22	33.50	25.89	2.67	4	0.277	SE	/
C1	20220503	Cloudy	Moderate	Mid-Flood	Surface	1	9:13	8.72	8.31	33.16	25.90	2.67	2.5	0.290	E	/
C1	20220503	Cloudy	Moderate	Mid-Flood	Middle	10.7	9:12	8.61	8.29	33.21	25.86	2.59	3	0.278	SE	/
C1	20220503	Cloudy	Moderate	Mid-Flood	Middle	10.7	9:12	8.65	8.27	33.37	25.86	2.75	4	0.285	SE	/
C1	20220503	Cloudy	Moderate	Mid-Flood	Bottom	20.4	9:11	8.83	8.23	33.26	25.79	2.66	2.5	0.294	SE	/
C1	20220503	Cloudy	Moderate	Mid-Flood	Bottom	20.4	9:11	8.78	8.28	33.36	25.77	2.66	2.5	0.298	E	/
C2	20220503	Cloudy	Moderate	Mid-Flood	Surface	1	8:10	8.63	8.25	32.47	25.95	3.78	2.5	0.309	E	/
C2	20220503	Cloudy	Moderate	Mid-Flood	Surface	1	8:10	8.52	8.20	32.64	25.90	3.81	3	0.297	SE	/
C2	20220503	Cloudy	Moderate	Mid-Flood	Middle	11.35	8:09	8.61	8.26	32.77	25.86	3.76	2.5	0.298	SE	/
C2	20220503	Cloudy	Moderate	Mid-Flood	Middle	11.35	8:09	8.35	8.20	32.62	26.06	3.26	2.5	0.289	SE	/
C2	20220503	Cloudy	Moderate	Mid-Flood	Bottom	21.7	8:08	8.38	8.21	32.79	25.86	3.69	3	0.301	E	/
C2	20220503	Cloudy	Moderate	Mid-Flood	Bottom	21.7	8:08	8.60	8.24	32.71	25.92	3.28	2.5	0.281	SE	/
M1	20220503	Cloudy	Moderate	Mid-Flood	Surface	1	8:39	9.07	8.09	33.01	25.96	2.44	6	0.302	E	/
M1	20220503	Cloudy	Moderate	Mid-Flood	Surface	1	8:39	9.12	8.14	33.09	26.05	2.33	3	0.296	SE	/
M1	20220503	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:38	8.93	8.08	33.35	26.08	2.66	3	0.293	E	/
M1	20220503	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:38	8.92	8.09	33.19	26.08	2.75	3	0.286	E	/
M1	20220503	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:37	9.07	8.15	33.39	25.90	2.51	4	0.285	SE	/
M1	20220503	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:37	8.95	8.12	33.25	26.10	2.38	3	0.298	E	/
M2	20220503	Cloudy	Moderate	Mid-Flood	Surface	1	8:56	8.39	8.07	32.37	25.81	2.86	2.5	0.265	E	/
M2	20220503	Cloudy	Moderate	Mid-Flood	Surface	1	8:56	8.44	8.06	32.47	25.68	2.80	2.5	0.297	E	/
M2	20220503	Cloudy	Moderate	Mid-Flood	Middle	5.95	8:55	8.30	8.10	32.74	25.84	2.77	2.5	0.285	SE	/
M2	20220503	Cloudy	Moderate	Mid-Flood	Middle	5.95	8:55	8.24	8.07	32.61	25.63	2.89	3	0.283	SE	/
M2	20220503	Cloudy	Moderate	Mid-Flood	Bottom	10.9	8:54	8.63	8.12	32.40	25.82	2.42	2.5	0.284	SE	/
M2	20220503	Cloudy	Moderate	Mid-Flood	Bottom	10.9	8:54	8.33	8.05	32.34	25.74	2.69	2.5	0.275	SE	/
M3	20220503	Cloudy	Moderate	Mid-Flood	Surface	1	8:24	8.68	8.31	33.29	26.00	2.40	3	0.303	SE	/
M3	20220503	Cloudy	Moderate	Mid-Flood	Surface	1	8:24	8.64	8.34	33.25	25.96	2.28	2.5	0.263	SE	/
M3	20220503	Cloudy	Moderate	Mid-Flood	Middle	4	8:23	8.77	8.29	33.35	25.91	2.35	3	0.309	SE	/
M3	20220503	Cloudy	Moderate	Mid-Flood	Middle	4	8:23	8.71	8.34	33.37	25.84	2.30	2.5	0.302	SE	/
M3	20220503	Cloudy	Moderate	Mid-Flood	Bottom	7	8:22	9.02	8.30	33.43	25.93	2.41	3	0.276	E	/
M3	20220503	Cloudy	Moderate	Mid-Flood	Bottom	7	8:22	8.98	8.31	33.09	25.98	2.39	3	0.269	E	/
M4	20220503	Cloudy	Moderate	Mid-Flood	Surface	1	9:28	8.38	8.25	33.60	25.57	2.84	2.5	0.280	SE	/
M4	20220503	Cloudy	Moderate	Mid-Flood	Surface	1	9:28	8.61	8.20	33.54	25.71	2.86	2.5	0.288	SE	/
M4	20220503	Cloudy	Moderate	Mid-Flood	Bottom	4.3	9:27	8.45	8.24	33.42	25.76	2.94	2.5	0.269	SE	/
M4	20220503	Cloudy	Moderate	Mid-Flood	Bottom	4.3	9:27	8.67	8.18	33.33	25.70	2.72	2.5	0.276	E	/
C1	20220505	Sunny	Moderate	Mid-Flood	Surface	1	9:10	8.63	8.23	32.02	25.39	3.99	3	0.276	E	/
C1	20220505	Sunny	Moderate	Mid-Flood	Surface	1	9:10	8.53	8.24	31.84	25.39	3.76	2.5	0.303	SE	/
C1	20220505	Sunny	Moderate	Mid-Flood	Middle	9.6	9:09	8.49	8.24	31.88	25.53	3.92	2.5	0.291	SE	/
C1	20220505	Sunny	Moderate	Mid-Flood	Middle	9.6	9:09	8.55	8.29	31.80	25.40	3.90	4	0.276	SE	/
C1	20220505	Sunny	Moderate	Mid-Flood	Bottom	18.2	9:08	8.62	8.25	32.07	25.33	3.85	2.5	0.311	SE	/
C1	20220505	Sunny	Moderate	Mid-Flood	Bottom	18.2	9:08	8.57	8.26	31.79	25.54	3.83	3	0.287	SE	/
C2	20220505	Sunny	Moderate	Mid-Flood	Surface	1	8:02	8.18	8.07	31.94	25.53	5.04	4	0.263	SE	/
C2	20220505	Sunny	Moderate	Mid-Flood	Surface	1	8:02	8.10	8.10	32.18	25.51	5.35	3	0.297	E	/
C2	20220505	Sunny	Moderate	Mid-Flood	Middle	11.85	8:01	8.20	8.01	32.11	25.38	5.33	3	0.303	E	/
C2	20220505	Sunny	Moderate	Mid-Flood	Middle	11.85	8:01	8.28	8.09	32.00	25.50	5.50	3	0.292	SE	/
C2	20220505	Sunny	Moderate	Mid-Flood	Bottom	22.7	8:00	8.26	8.09	32.17	25.33	6.03	3	0.311	E	/
C2	20220505	Sunny	Moderate	Mid-Flood	Bottom	22.7	8:00	8.06	8.05	32.01	25.44	5.77	4	0.270	E	/
M1	20220505	Sunny	Moderate	Mid-Flood	Surface	1	8:37	8.82	8.11	32.81	25.47	3.76	3	0.273	SE	/
M1	20220505	Sunny	Moderate	Mid-Flood	Surface	1	8:37	8.93	8.10	32.59	25.35	3.68	2.5	0.285	SE	/
M1	20220505	Sunny	Moderate	Mid-Flood	Middle	3.35	8:36	8.86	8.15	32.72	25.33	3.97	2.5	0.284	SE	/
M1	20220505	Sunny	Moderate	Mid-Flood	Middle	3.35	8:36	9.03	8.14	32.53	25.28	3.67	3	0.283	E	/
M1	20220505	Sunny	Moderate	Mid-Flood	Bottom	5.7	8:35	8.87	8.13	32.47	25.26	3.54	3	0.274	SE	/
M1	20220505	Sunny	Moderate	Mid-Flood	Bottom	5.7	8:35	8.79	8.06	32.77	25.36	3.74	3	0.303	SE	/
M2	20220505	Sunny	Moderate	Mid-Flood	Surface	1	8:53	8.80	8.22	32.23	25.37	4.56	2.5	0.297	SE	/
M2	20220505	Sunny	Moderate	Mid-Flood	Surface	1	8:53	8.61	8.15	32.21	25.18	4.55	4	0.310	E	/
M2	20220505	Sunny	Moderate	Mid-Flood	Middle	6.95	8:52	8.65	8.15	32.24	25.38	4.58	4	0.296	SE	/
M2	20220505	Sunny	Moderate	Mid-Flood	Middle	6.95	8:52	8.84	8.14	32.19	25.29	4.26	4	0.287	E	/
M2	20220505	Sunny	Moderate	Mid-Flood	Bottom	12.9	8:51	8.84	8.11	32.33	25.24	4.34	2.5	0.300	E	/
M2	20220505	Sunny	Moderate	Mid-Flood	Bottom	12.9	8:51	8.84	8.14	32.38	25.28	4.54	3	0.265	SE	/
M3	20220505	Sunny	Moderate	Mid-Flood	Surface	1	8:18	8.90	8.09	33.08	25.39	4.57	4	0.291	SE	/
M3	20220505	Sunny	Moderate	Mid-Flood	Surface	1	8:18	8.99	8.10	33.25	25.25	4.53	3	0.273	SE	/
M3	20220505	Sunny	Moderate	Mid-Flood	Middle	3.9	8:17	8.90	8.09	33.18	25.27	4.69	4	0.292	SE	/
M3	20220505	Sunny	Moderate	Mid-Flood	Middle	3.9	8:17	8.96	8.07	33.06	25.32	4.51	4	0.301	SE	/
M3	20220505	Sunny	Moderate	Mid-Flood	Bottom	6.8	8:16	8.98	8.03	32.97	25.28	4.49	3	0.290	E	/
M3	20220505	Sunny	Moderate	Mid-Flood	Bottom	6.8	8:16	8.94	8.02	33.11	25.37	4.50	4	0.271	SE	/
M4	20220505	Sunny	Moderate	Mid-Flood	Surface	1	9:26	8.61	8.32	32.82	25.51	4.55	4	0.277	SE	/
M4	20220505	Sunny	Moderate	Mid-Flood	Surface	1	9:26	8.68	8.30	32.78	25.57	4.53	4	0.267	SE	/
M4	20220505	Sunny	Moderate	Mid-Flood	Bottom	4.3	9:25	8.75	8.27	32.57	25.36	4.26	3	0.264	E	/
M4	20220505	Sunny	Moderate	Mid-Flood	Bottom	4.3	9:25	8.59	8.27	32.69	25.58	4.24	3	0.278	SE	/
C1	20220507	Sunny	Moderate	Mid-Flood	Surface	1	8:02	9.02	8.19	33.23	23.74	3.08	7	0.266	E	/
C1	20220507	Sunny	Moderate	Mid-Flood	Surface	1	8:02	9.15	8.24	33.27	23.57	3.33	6	0.287	SE	/
C1	20220507	Sunny	Moderate	Mid-Flood	Middle	10.4	8:01	9.12	8.24	33.27	23.55	2.88	8	0.264	SE	/
C1	20220507	Sunny	Moderate	Mid-Flood	Middle	10.4	8:01	9.14	8.25	33.46	23.58	3.12	6	0.291	E	/
C1	20220507	Sunny	Moderate	Mid-Flood	Bottom	19.8	8:00	9.14	8.19	33.25	23.61	2.97	4	0.289	SE	/
C1	20220507	Sunny	Moderate	Mid-Flood	Bottom	19.8	8:00	8.94	8.17	33.40	23.65	2.90	6	0.269	SE	/
C2	20220507	Sunny	Moderate	Mid-Flood	Surface	1	9:13	8.08	8.21	33.20	23.71	3.88	7	0.284	E	/
C2	20220507	Sunny	Moderate	Mid-Flood	Surface	1	9:13	8.00	8.24	33.26	23.89	3.65	5	0.292	E	/
C2	20220507	Sunny	Moderate	Mid-Flood	Middle	12.7	9:12	7.99	8.24	33.15	23.74	4.11	6	0.298	SE	/
C2	20220507	Sunny	Moderate	Mid-Flood	Middle	12.7	9:12	8.05	8.16	33.22	23.89	4.27	5	0.308	E	/
C2	20220507	Sunny	Moderate	Mid-Flood	Bottom	24.4	9:11	8.07	8.23	33.35	23.87	3.85	4	0.288	E	/
C2	20220507	Sunny	Moderate	Mid-Flood	Bottom	24.4	9:11	8.05	8.17	33.19	23.69	4.17	5	0.305	SE	/
M1	20220507	Sunny	Moderate	Mid-Flood	Surface	1	8:36	9.14	8.19	32.83	23.58	2.29	8	0.309	SE	/
M1	20220507	Sunny	Moderate	Mid-Flood	Surface	1	8:36	9.17	8.15	32.98	23.77	2.69	4	0.308	E	/
M1	20220507	Sunny	Moderate	Mid-Flood	Middle	3.35	8:35	9.13	8.14	33.01	23.63	2.64	9	0.282	E	/
M1	20220507	Sunny	Moderate	Mid-Flood	Middle	3.35	8:35	9.15	8.16	32.90	23.79	2.31	7	0.271	SE	/
M1	20220507	Sunny	Moderate	Mid-Flood	Bottom	5.7	8:34	9.10	8.14	32.99	23.70	2.43	5	0.279	SE	/
M1	20220507	Sunny	Moderate	Mid-Flood	Bottom	5.7	8:34	9.19	8.16	33.03	23.54	2.45	6	0.303	SE	/
M2	20220507	Sunny	Moderate	Mid-Flood	Surface	1	8:18	8.97	8.27	32.87	23.81	2.90	5	0.271	SE	/
M2	20220507	Sunny	Moderate	Mid-Flood	Surface	1	8:18	8.99	8.31	32.74	23.71	2.89	8	0.306	SE	/
M2	20220507	Sunny	Moderate	Mid-Flood	Middle	6.45	8:17	9.00	8.28	33.04	23.92	3.00	5	0.287	E	/
M2	20220507	Sunny	Moderate	Mid-Flood	Middle	6.45	8:17	8.96	8.31	32.77	23.73	2.58	5	0.268	E	/
M2	20220507	Sunny	Moderate	Mid-Flood	Bottom	11.9	8:16	8.97	8.33	32.78	23.79	2.91	7	0.270	E	/
M2	20220507	Sunny	Moderate	Mid-Flood	Bottom	11.9	8:16	8.97	8.33	33.01	23.98	2.76	7	0.286	SE	/
M3	20220507	Sunny	Moderate	Mid-Flood	Surface	1	8:52	8.29	8.20	33.44	24.03	3.12	4	0.286	E	/
M3	20220507	Sunny	Moderate	Mid-Flood	Surface	1	8:52	8.20	8.17	33.58	23.96	2.62	6	0.275	E	/
M3	20220507	Sunny	Moderate	Mid-Flood	Middle	4	8:51	8.28	8.12	33.39	23.98	2.99	5	0.281	E	/
M3	20220507	Sunny	Moderate	Mid-Flood	Middle	4	8:51	8.29	8.14	33.48	23.78	2.64	5	0.307	SE	/
M3	20220507	Sunny	Moderate	Mid-Flood	Bottom	7	8:50	8.30	8.19	33.53	24.05	2.88	3	0.296	SE	/
M3	20220507	Sunny	Moderate	Mid-Flood	Bottom	7	8:50	8.25	8.16	33.67	23.83	3.09	5	0.293	SE	/
M4	20220507	Sunny	Moderate	Mid-Flood	Surface	1	9:30	8.09	8.13	33.29	23.87	2.77	6	0.290	SE	/
M4	20220507	Sunny	Moderate	Mid-Flood	Surface	1	9:30	8.10	8.16	33.35	23.83	2.60	6	0.299	SE	/
M4	20220507	Sunny	Moderate	Mid-Flood	Bottom	3.9	9:29	8.09	8.17	33.31	23.87	2.78	6	0.302	SE	/
M4	20220507	Sunny	Moderate	Mid-Flood	Bottom	3.9	9:29	8.06	8.12	33.42	23.86	2.58	7	0.299	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	20220510	Cloudy	Moderate	Mid-Flood	Surface	1	11:33	9.22	8.22	33.60	24.14	2.92	2.5	0.299	E	/
C1	20220510	Cloudy	Moderate	Mid-Flood	Surface	1	11:33	9.05	8.25	33.48	24.14	2.97	3	0.311	E	/
C1	20220510	Cloudy	Moderate	Mid-Flood	Middle	10.75	11:32	9.18	8.24	33.59	24.10	2.71	3	0.306	E	/
C1	20220510	Cloudy	Moderate	Mid-Flood	Middle	10.75	11:32	9.24	8.25	33.57	24.25	3.07	2.5	0.279	SE	/
C1	20220510	Cloudy	Moderate	Mid-Flood	Bottom	20.5	11:31	9.33	8.26	33.44	24.24	2.62	3	0.279	SE	/
C1	20220510	Cloudy	Moderate	Mid-Flood	Bottom	20.5	11:31	9.24	8.24	33.50	24.17	2.58	4	0.299	SE	/
C2	20220510	Cloudy	Moderate	Mid-Flood	Surface	1	12:39	8.25	8.20	34.01	24.04	3.51	6	0.286	SE	/
C2	20220510	Cloudy	Moderate	Mid-Flood	Surface	1	12:39	8.35	8.17	34.12	24.04	3.53	7	0.280	E	/
C2	20220510	Cloudy	Moderate	Mid-Flood	Middle	12.5	12:38	8.48	8.21	34.01	24.11	3.14	6	0.296	SE	/
C2	20220510	Cloudy	Moderate	Mid-Flood	Middle	12.5	12:38	8.23	8.15	34.07	24.10	3.50	7	0.302	SE	/
C2	20220510	Cloudy	Moderate	Mid-Flood	Bottom	24	12:37	8.44	8.17	33.94	24.07	3.31	9	0.311	SE	/
C2	20220510	Cloudy	Moderate	Mid-Flood	Bottom	24	12:37	8.26	8.16	33.99	23.96	3.16	5	0.263	E	/
M1	20220510	Cloudy	Moderate	Mid-Flood	Surface	1	12:05	9.52	8.16	32.75	24.19	1.94	5	0.302	SE	/
M1	20220510	Cloudy	Moderate	Mid-Flood	Surface	1	12:05	9.33	8.22	32.79	24.11	1.95	5	0.292	SE	/
M1	20220510	Cloudy	Moderate	Mid-Flood	Middle	3.45	12:04	9.39	8.18	32.90	24.15	2.26	3	0.283	SE	/
M1	20220510	Cloudy	Moderate	Mid-Flood	Middle	3.45	12:04	9.22	8.19	32.80	24.08	1.96	4	0.281	SE	/
M1	20220510	Cloudy	Moderate	Mid-Flood	Bottom	5.9	12:03	9.36	8.21	32.88	24.11	1.99	4	0.270	SE	/
M1	20220510	Cloudy	Moderate	Mid-Flood	Bottom	5.9	12:03	9.37	8.14	32.76	24.24	1.84	3	0.281	E	/
M2	20220510	Cloudy	Moderate	Mid-Flood	Surface	1	11:48	8.34	8.20	33.82	24.10	2.09	5	0.302	E	/
M2	20220510	Cloudy	Moderate	Mid-Flood	Surface	1	11:48	8.48	8.25	34.04	24.15	2.01	4	0.279	SE	/
M2	20220510	Cloudy	Moderate	Mid-Flood	Middle	6.2	11:47	8.46	8.22	33.84	24.21	1.79	2.5	0.309	E	/
M2	20220510	Cloudy	Moderate	Mid-Flood	Middle	6.2	11:47	8.27	8.19	34.03	24.26	1.85	3	0.285	SE	/
M2	20220510	Cloudy	Moderate	Mid-Flood	Bottom	11.4	11:46	8.26	8.21	33.85	24.27	2.06	3	0.279	E	/
M2	20220510	Cloudy	Moderate	Mid-Flood	Bottom	11.4	11:46	8.47	8.17	34.01	24.13	1.80	3	0.266	SE	/
M3	20220510	Cloudy	Moderate	Mid-Flood	Surface	1	12:24	8.94	8.19	33.65	24.22	2.37	3	0.269	SE	/
M3	20220510	Cloudy	Moderate	Mid-Flood	Surface	1	12:24	8.85	8.20	33.88	24.12	2.48	3	0.264	E	/
M3	20220510	Cloudy	Moderate	Mid-Flood	Middle	3.25	12:23	9.06	8.16	33.68	24.22	2.42	4	0.268	SE	/
M3	20220510	Cloudy	Moderate	Mid-Flood	Middle	3.25	12:23	8.86	8.17	33.86	24.26	2.59	2.5	0.301	E	/
M3	20220510	Cloudy	Moderate	Mid-Flood	Bottom	5.5	12:22	9.08	8.22	33.73	24.13	2.38	4	0.277	SE	/
M3	20220510	Cloudy	Moderate	Mid-Flood	Bottom	5.5	12:22	8.83	8.19	33.79	24.11	2.46	5	0.284	SE	/
M4	20220510	Cloudy	Moderate	Mid-Flood	Surface	1	12:56	9.07	8.20	32.55	24.04	2.03	3	0.287	SE	/
M4	20220510	Cloudy	Moderate	Mid-Flood	Surface	1	12:56	9.07	8.17	32.77	24.09	1.88	4	0.300	SE	/
M4	20220510	Cloudy	Moderate	Mid-Flood	Bottom	4.4	12:55	9.06	8.18	32.57	24.03	1.91	3	0.291	SE	/
M4	20220510	Cloudy	Moderate	Mid-Flood	Bottom	4.4	12:55	9.05	8.15	32.76	24.06	1.89	5	0.285	SE	/
C1	20220512	Cloudy	Moderate	Mid-Flood	Surface	1	14:34	8.75	8.34	29.70	24.48	2.86	2.5	0.291	SE	/
C1	20220512	Cloudy	Moderate	Mid-Flood	Surface	1	14:34	8.70	8.29	29.93	24.51	2.68	2.5	0.291	E	/
C1	20220512	Cloudy	Moderate	Mid-Flood	Middle	11	14:33	8.84	8.33	29.93	24.33	2.90	6	0.271	SE	/
C1	20220512	Cloudy	Moderate	Mid-Flood	Middle	11	14:33	8.60	8.26	29.79	24.44	2.73	9	0.274	E	/
C1	20220512	Cloudy	Moderate	Mid-Flood	Bottom	21	14:32	8.75	8.28	29.95	24.45	2.86	8	0.274	E	/
C1	20220512	Cloudy	Moderate	Mid-Flood	Bottom	21	14:32	8.56	8.32	29.71	24.38	2.79	9	0.265	E	/
C2	20220512	Cloudy	Moderate	Mid-Flood	Surface	1	13:30	9.05	8.15	29.66	24.44	3.55	23	0.282	E	/
C2	20220512	Cloudy	Moderate	Mid-Flood	Surface	1	13:30	8.93	8.19	29.51	24.58	3.33	25	0.300	SE	/
C2	20220512	Cloudy	Moderate	Mid-Flood	Middle	11.65	13:29	9.13	8.20	29.55	24.59	3.42	28	0.285	E	/
C2	20220512	Cloudy	Moderate	Mid-Flood	Middle	11.65	13:29	8.87	8.18	29.70	24.59	3.53	25	0.287	E	/
C2	20220512	Cloudy	Moderate	Mid-Flood	Bottom	22.3	13:28	8.97	8.22	29.64	24.54	3.91	19	0.266	E	/
C2	20220512	Cloudy	Moderate	Mid-Flood	Bottom	22.3	13:28	9.10	8.20	29.58	24.62	3.96	20	0.298	E	/
M1	20220512	Cloudy	Moderate	Mid-Flood	Surface	1	14:00	9.37	8.08	30.07	24.47	2.27	2.5	0.287	SE	/
M1	20220512	Cloudy	Moderate	Mid-Flood	Surface	1	14:00	9.26	8.13	30.13	24.42	2.29	2.5	0.306	SE	/
M1	20220512	Cloudy	Moderate	Mid-Flood	Middle	3.65	13:59	9.28	8.04	29.80	24.56	2.31	4	0.287	E	/
M1	20220512	Cloudy	Moderate	Mid-Flood	Middle	3.65	13:59	9.42	8.08	29.86	24.55	2.57	4	0.266	E	/
M1	20220512	Cloudy	Moderate	Mid-Flood	Bottom	6.3	13:58	9.02	8.10	29.86	24.45	2.15	2.5	0.266	E	/
M1	20220512	Cloudy	Moderate	Mid-Flood	Bottom	6.3	13:58	9.41	8.03	30.08	24.52	2.26	4	0.303	E	/
M2	20220512	Cloudy	Moderate	Mid-Flood	Surface	1	14:17	9.31	8.26	30.06	24.31	2.37	9	0.284	SE	/
M2	20220512	Cloudy	Moderate	Mid-Flood	Surface	1	14:17	9.27	8.22	30.02	24.31	2.30	8	0.269	E	/
M2	20220512	Cloudy	Moderate	Mid-Flood	Middle	6.2	14:16	9.38	8.24	30.06	24.28	2.25	2.5	0.284	E	/
M2	20220512	Cloudy	Moderate	Mid-Flood	Middle	6.2	14:16	9.15	8.22	30.06	24.28	1.98	2.5	0.303	E	/
M2	20220512	Cloudy	Moderate	Mid-Flood	Bottom	11.4	14:15	9.17	8.16	30.31	24.18	2.51	3	0.294	SE	/
M2	20220512	Cloudy	Moderate	Mid-Flood	Bottom	11.4	14:15	9.42	8.26	30.06	24.25	2.29	2.5	0.272	SE	/
M3	20220512	Cloudy	Moderate	Mid-Flood	Surface	1	13:44	8.32	8.13	29.09	24.53	2.36	2.5	0.302	E	/
M3	20220512	Cloudy	Moderate	Mid-Flood	Surface	1	13:44	8.30	8.09	29.14	24.58	2.60	3	0.267	E	/
M3	20220512	Cloudy	Moderate	Mid-Flood	Middle	4.05	13:43	8.47	8.15	29.24	24.47	2.55	3	0.311	SE	/
M3	20220512	Cloudy	Moderate	Mid-Flood	Middle	4.05	13:43	8.40	8.18	29.15	24.45	2.90	2.5	0.274	SE	/
M3	20220512	Cloudy	Moderate	Mid-Flood	Bottom	7.1	13:42	8.20	8.16	29.35	24.56	2.48	2.5	0.273	SE	/
M3	20220512	Cloudy	Moderate	Mid-Flood	Bottom	7.1	13:42	8.27	8.08	29.41	24.61	2.84	2.5	0.290	E	/
M4	20220512	Cloudy	Moderate	Mid-Flood	Surface	1	14:50	9.62	8.26	29.30	24.35	2.67	13	0.306	E	/
M4	20220512	Cloudy	Moderate	Mid-Flood	Surface	1	14:50	9.61	8.33	29.39	24.48	2.42	15	0.301	SE	/
M4	20220512	Cloudy	Moderate	Mid-Flood	Bottom	3.9	14:49	9.63	8.24	29.40	24.45	2.49	14	0.281	SE	/
M4	20220512	Cloudy	Moderate	Mid-Flood	Bottom	3.9	14:49	9.51	8.21	29.45	24.46	2.73	17	0.298	E	/
C1	20220514	Cloudy	Moderate	Mid-Flood	Surface	1	16:47	8.82	8.28	31.99	25.21	3.91	4	0.277	SE	/
C1	20220514	Cloudy	Moderate	Mid-Flood	Surface	1	16:47	8.83	8.28	31.65	25.28	4.08	3	0.294	SE	/
C1	20220514	Cloudy	Moderate	Mid-Flood	Middle	9.5	16:46	8.76	8.24	31.76	25.30	4.50	2.5	0.302	SE	/
C1	20220514	Cloudy	Moderate	Mid-Flood	Middle	9.5	16:46	8.79	8.27	31.81	25.28	4.12	3	0.272	SE	/
C1	20220514	Cloudy	Moderate	Mid-Flood	Bottom	18	16:45	8.92	8.26	31.81	25.20	4.58	3	0.291	E	/
C1	20220514	Cloudy	Moderate	Mid-Flood	Bottom	18	16:45	8.68	8.24	31.68	25.33	4.52	2.5	0.302	SE	/
C2	20220514	Cloudy	Moderate	Mid-Flood	Surface	1	15:34	8.04	8.13	31.42	25.31	4.66	3	0.264	SE	/
C2	20220514	Cloudy	Moderate	Mid-Flood	Surface	1	15:34	8.31	8.13	31.84	25.26	4.48	3	0.286	E	/
C2	20220514	Cloudy	Moderate	Mid-Flood	Middle	11.55	15:33	8.31	8.15	31.83	25.17	5.02	4	0.308	E	/
C2	20220514	Cloudy	Moderate	Mid-Flood	Middle	11.55	15:33	8.12	8.09	31.42	25.16	4.87	4	0.281	SE	/
C2	20220514	Cloudy	Moderate	Mid-Flood	Bottom	22.1	15:32	8.28	8.09	31.90	25.30	5.00	4	0.303	SE	/
C2	20220514	Cloudy	Moderate	Mid-Flood	Bottom	22.1	15:32	8.20	8.15	31.53	25.33	5.09	4	0.279	SE	/
M1	20220514	Cloudy	Moderate	Mid-Flood	Surface	1	16:10	8.59	8.20	31.41	25.47	3.58	4	0.283	E	/
M1	20220514	Cloudy	Moderate	Mid-Flood	Surface	1	16:10	8.80	8.17	31.41	25.36	3.99	4	0.301	E	/
M1	20220514	Cloudy	Moderate	Mid-Flood	Middle	3.45	16:09	8.75	8.23	31.33	25.43	3.99	3	0.288	E	/
M1	20220514	Cloudy	Moderate	Mid-Flood	Middle	3.45	16:09	8.81	8.23	31.26	25.35	3.95	2.5	0.267	SE	/
M1	20220514	Cloudy	Moderate	Mid-Flood	Bottom	5.9	16:08	8.72	8.22	31.54	25.44	3.97	4	0.296	SE	/
M1	20220514	Cloudy	Moderate	Mid-Flood	Bottom	5.9	16:08	8.83	8.23	31.55	25.40	3.85	3	0.304	SE	/
M2	20220514	Cloudy	Moderate	Mid-Flood	Surface	1	16:28	8.22	8.13	32.04	25.07	3.65	2.5	0.285	E	/
M2	20220514	Cloudy	Moderate	Mid-Flood	Surface	1	16:28	8.04	8.08	32.29	25.19	4.06	3	0.286	SE	/
M2	20220514	Cloudy	Moderate	Mid-Flood	Middle	6.05	16:27	8.03	8.12	32.09	25.18	3.90	4	0.285	SE	/
M2	20220514	Cloudy	Moderate	Mid-Flood	Middle	6.05	16:27	8.13	8.10	31.92	25.17	3.86	3	0.274	SE	/
M2	20220514	Cloudy	Moderate	Mid-Flood	Bottom	11.1	16:26	8.19	8.11	32.06	25.04	3.81	4	0.264	E	/
M2	20220514	Cloudy	Moderate	Mid-Flood	Bottom	11.1	16:26	8.28	8.14	31.94	25.08	3.69	3	0.289	E	/
M3	20220514	Cloudy	Moderate	Mid-Flood	Surface	1	15:50	8.37	8.28	31.60	25.22	3.46	2.5	0.281	SE	/
M3	20220514	Cloudy	Moderate	Mid-Flood	Surface	1	15:50	8.54	8.26	31.40	25.13	3.35	3	0.309	E	/
M3	20220514	Cloudy	Moderate	Mid-Flood	Middle	3.55	15:49	8.45	8.25	31.45	25.15	3.38	3	0.301	SE	/
M3	20220514	Cloudy	Moderate	Mid-Flood	Middle	3.55	15:49	8.39	8.26	31.75	25.11	3.63	3	0.274	E	/
M3	20220514	Cloudy	Moderate	Mid-Flood	Bottom	6.1	15:48	8.53	8.26	31.43	25.14	3.29	3	0.267	E	/
M3	20220514	Cloudy	Moderate	Mid-Flood	Bottom	6.1	15:48	8.56	8.27	31.68	25.11	3.61	4	0.306	E	/
M4	20220514	Cloudy	Moderate	Mid-Flood	Surface	1	17:06	8.88	8.13	32.59	25.41	3.67	2.5	0.283	E	/
M4	20220514	Cloudy	Moderate	Mid-Flood	Surface	1	17:06	9.02	8.14	32.51	25.38	3.84	3	0.296	E	/
M4	20220514	Cloudy	Moderate	Mid-Flood	Bottom	4.6	17:05	8.93	8.09	32.79	25.34	3.92	3	0.278	E	/
M4	20220514	Cloudy	Moderate	Mid-Flood	Bottom	4.6	17:05	9.07	8.09	32.84	25.34	3.98	3	0.281	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	20220517	Sunny	Moderate	Mid-Flood	Surface	1	17:47	8.18	8.26	31.94	25.99	3.42	3	0.308	E	/
C1	20220517	Sunny	Moderate	Mid-Flood	Surface	1	17:47	8.00	8.23	31.82	26.08	3.23	3	0.274	SE	/
C1	20220517	Sunny	Moderate	Mid-Flood	Middle	10.95	17:46	8.10	8.17	31.96	25.99	3.77	3	0.266	SE	/
C1	20220517	Sunny	Moderate	Mid-Flood	Middle	10.95	17:46	8.15	8.22	31.82	26.03	3.65	3	0.305	SE	/
C1	20220517	Sunny	Moderate	Mid-Flood	Bottom	20.9	17:45	8.19	8.26	31.86	25.97	3.55	4	0.308	SE	/
C1	20220517	Sunny	Moderate	Mid-Flood	Bottom	20.9	17:45	8.12	8.20	31.97	26.07	3.59	3	0.279	E	/
C2	20220517	Sunny	Moderate	Mid-Flood	Surface	1	16:44	8.05	8.28	32.12	25.88	4.11	8	0.305	SE	/
C2	20220517	Sunny	Moderate	Mid-Flood	Surface	1	16:44	8.04	8.25	32.15	25.94	3.94	4	0.289	SE	/
C2	20220517	Sunny	Moderate	Mid-Flood	Middle	11.35	16:43	8.21	8.20	32.21	25.92	4.62	2.5	0.298	SE	/
C2	20220517	Sunny	Moderate	Mid-Flood	Middle	11.35	16:43	8.17	8.20	32.02	26.00	4.23	4	0.267	SE	/
C2	20220517	Sunny	Moderate	Mid-Flood	Bottom	21.7	16:42	8.23	8.24	32.13	25.89	4.78	4	0.273	SE	/
C2	20220517	Sunny	Moderate	Mid-Flood	Bottom	21.7	16:42	8.21	8.19	32.18	25.84	5.08	6	0.298	SE	/
M1	20220517	Sunny	Moderate	Mid-Flood	Surface	1	17:15	8.73	8.25	32.09	25.75	2.27	4	0.274	E	/
M1	20220517	Sunny	Moderate	Mid-Flood	Surface	1	17:15	8.73	8.25	32.06	25.71	2.69	7	0.287	SE	/
M1	20220517	Sunny	Moderate	Mid-Flood	Middle	3.5	17:14	8.67	8.25	32.05	25.69	2.57	3	0.306	E	/
M1	20220517	Sunny	Moderate	Mid-Flood	Middle	3.5	17:14	8.67	8.29	32.03	25.78	2.59	3	0.271	E	/
M1	20220517	Sunny	Moderate	Mid-Flood	Bottom	6	17:13	8.63	8.27	32.14	25.80	2.47	5	0.266	SE	/
M1	20220517	Sunny	Moderate	Mid-Flood	Bottom	6	17:13	8.86	8.24	32.02	25.68	2.48	3	0.273	E	/
M2	20220517	Sunny	Moderate	Mid-Flood	Surface	1	17:31	9.08	8.28	32.64	26.02	2.34	4	0.275	SE	/
M2	20220517	Sunny	Moderate	Mid-Flood	Surface	1	17:31	8.85	8.24	32.67	25.91	2.24	3	0.271	SE	/
M2	20220517	Sunny	Moderate	Mid-Flood	Middle	6.9	17:30	8.96	8.24	32.77	26.01	2.36	2.5	0.268	SE	/
M2	20220517	Sunny	Moderate	Mid-Flood	Middle	6.9	17:30	9.09	8.27	32.61	25.87	2.30	3	0.281	SE	/
M2	20220517	Sunny	Moderate	Mid-Flood	Bottom	12.8	17:29	8.95	8.23	32.69	25.96	2.24	3	0.294	SE	/
M2	20220517	Sunny	Moderate	Mid-Flood	Bottom	12.8	17:29	9.00	8.29	32.60	25.85	1.97	2.5	0.270	SE	/
M3	20220517	Sunny	Moderate	Mid-Flood	Surface	1	17:00	8.86	8.21	31.61	25.84	3.54	3	0.296	E	/
M3	20220517	Sunny	Moderate	Mid-Flood	Surface	1	17:00	9.12	8.27	31.46	25.87	3.53	4	0.263	SE	/
M3	20220517	Sunny	Moderate	Mid-Flood	Middle	3.25	16:59	9.07	8.24	31.43	25.83	3.63	2.5	0.296	SE	/
M3	20220517	Sunny	Moderate	Mid-Flood	Middle	3.25	16:59	9.11	8.24	31.59	25.83	3.49	3	0.308	SE	/
M3	20220517	Sunny	Moderate	Mid-Flood	Bottom	5.5	16:58	9.00	8.28	31.48	25.87	4.01	3	0.292	SE	/
M3	20220517	Sunny	Moderate	Mid-Flood	Bottom	5.5	16:58	9.03	8.28	31.54	25.89	3.73	4	0.291	SE	/
M4	20220517	Sunny	Moderate	Mid-Flood	Surface	1	18:04	8.29	8.23	32.75	25.97	3.86	2.5	0.283	SE	/
M4	20220517	Sunny	Moderate	Mid-Flood	Surface	1	18:04	8.25	8.25	32.72	26.10	3.58	2.5	0.271	SE	/
M4	20220517	Sunny	Moderate	Mid-Flood	Bottom	4.6	18:03	8.17	8.26	32.79	26.09	3.82	3	0.268	SE	/
M4	20220517	Sunny	Moderate	Mid-Flood	Bottom	4.6	18:03	8.19	8.24	32.73	25.94	3.87	3	0.295	SE	/
C1	20220519	Sunny	Moderate	Mid-Flood	Surface	1	9:15	8.08	8.15	32.04	26.04	5.81	2.5	0.295	E	/
C1	20220519	Sunny	Moderate	Mid-Flood	Surface	1	9:15	8.03	8.23	32.04	26.04	5.46	2.5	0.290	SE	/
C1	20220519	Sunny	Moderate	Mid-Flood	Middle	11.6	9:14	8.03	8.23	31.82	26.09	5.68	2.5	0.310	SE	/
C1	20220519	Sunny	Moderate	Mid-Flood	Middle	11.6	9:14	8.09	8.21	31.89	26.20	5.48	3	0.298	SE	/
C1	20220519	Sunny	Moderate	Mid-Flood	Bottom	22.2	9:13	7.99	8.25	31.77	26.06	6.18	3	0.298	SE	/
C1	20220519	Sunny	Moderate	Mid-Flood	Bottom	22.2	9:13	7.94	8.15	32.05	26.09	5.91	2.5	0.280	E	/
C2	20220519	Sunny	Moderate	Mid-Flood	Surface	1	8:02	8.17	8.09	30.86	25.88	6.70	3	0.311	SE	/
C2	20220519	Sunny	Moderate	Mid-Flood	Surface	1	8:02	8.35	8.10	31.02	25.93	6.54	3	0.264	SE	/
C2	20220519	Sunny	Moderate	Mid-Flood	Middle	11.05	8:01	8.41	8.18	30.94	25.92	6.89	3	0.272	E	/
C2	20220519	Sunny	Moderate	Mid-Flood	Middle	11.05	8:01	8.36	8.13	31.06	25.96	7.23	4	0.266	E	/
C2	20220519	Sunny	Moderate	Mid-Flood	Bottom	21.1	8:00	8.28	8.08	31.19	25.95	7.33	2.5	0.292	SE	/
C2	20220519	Sunny	Moderate	Mid-Flood	Bottom	21.1	8:00	8.17	8.14	31.05	25.89	7.37	3	0.268	SE	/
M1	20220519	Sunny	Moderate	Mid-Flood	Surface	1	8:40	8.09	8.20	32.59	26.09	6.46	2.5	0.296	SE	/
M1	20220519	Sunny	Moderate	Mid-Flood	Surface	1	8:40	8.10	8.18	32.30	26.05	6.44	2.5	0.290	E	/
M1	20220519	Sunny	Moderate	Mid-Flood	Middle	3.3	8:39	8.06	8.21	32.38	25.95	6.40	2.5	0.304	SE	/
M1	20220519	Sunny	Moderate	Mid-Flood	Middle	3.3	8:39	8.11	8.14	32.54	26.01	6.57	3	0.288	SE	/
M1	20220519	Sunny	Moderate	Mid-Flood	Bottom	5.6	8:38	8.08	8.15	32.56	26.02	6.35	4	0.274	SE	/
M1	20220519	Sunny	Moderate	Mid-Flood	Bottom	5.6	8:38	8.15	8.11	32.39	26.06	6.50	2.5	0.288	E	/
M2	20220519	Sunny	Moderate	Mid-Flood	Surface	1	8:56	8.23	8.07	31.03	26.05	5.18	2.5	0.274	SE	/
M2	20220519	Sunny	Moderate	Mid-Flood	Surface	1	8:56	8.25	8.09	31.06	26.04	4.99	2.5	0.265	E	/
M2	20220519	Sunny	Moderate	Mid-Flood	Middle	6.05	8:55	8.20	8.08	31.21	25.95	5.31	3	0.263	SE	/
M2	20220519	Sunny	Moderate	Mid-Flood	Middle	6.05	8:55	8.29	8.10	30.98	26.00	4.84	2.5	0.272	SE	/
M2	20220519	Sunny	Moderate	Mid-Flood	Bottom	11.1	8:54	8.06	8.11	31.30	26.03	5.10	2.5	0.272	E	/
M2	20220519	Sunny	Moderate	Mid-Flood	Bottom	11.1	8:54	8.09	8.04	31.05	25.94	5.28	2.5	0.310	SE	/
M3	20220519	Sunny	Moderate	Mid-Flood	Surface	1	8:20	7.97	8.03	32.11	25.92	5.61	4	0.265	E	/
M3	20220519	Sunny	Moderate	Mid-Flood	Surface	1	8:20	7.97	8.01	32.14	26.05	5.61	4	0.294	SE	/
M3	20220519	Sunny	Moderate	Mid-Flood	Middle	3.45	8:19	8.16	8.02	31.94	25.94	5.83	3	0.276	SE	/
M3	20220519	Sunny	Moderate	Mid-Flood	Middle	3.45	8:19	8.17	8.05	32.24	26.09	5.94	4	0.308	SE	/
M3	20220519	Sunny	Moderate	Mid-Flood	Bottom	5.9	8:18	8.11	7.93	32.04	26.09	5.83	2.5	0.305	SE	/
M3	20220519	Sunny	Moderate	Mid-Flood	Bottom	5.9	8:18	8.13	7.94	32.20	25.92	6.02	2.5	0.292	SE	/
M4	20220519	Sunny	Moderate	Mid-Flood	Surface	1	9:34	8.73	8.14	31.49	26.15	4.82	3	0.266	SE	/
M4	20220519	Sunny	Moderate	Mid-Flood	Surface	1	9:34	8.65	8.18	31.55	26.11	4.94	4	0.282	E	/
M4	20220519	Sunny	Moderate	Mid-Flood	Bottom	4.3	9:33	8.59	8.20	31.40	26.07	4.86	3	0.298	SE	/
M4	20220519	Sunny	Moderate	Mid-Flood	Bottom	4.3	9:33	8.74	8.17	31.51	26.05	4.75	2.5	0.303	SE	/
C1	20220521	Cloudy	Moderate	Mid-Flood	Surface	1	9:06	9.14	8.07	32.83	24.67	4.94	21	0.290	SE	/
C1	20220521	Cloudy	Moderate	Mid-Flood	Surface	1	9:06	9.01	8.13	32.82	24.69	5.17	22	0.284	SE	/
C1	20220521	Cloudy	Moderate	Mid-Flood	Middle	10	9:05	9.22	8.04	33.02	24.63	5.11	2.5	0.308	SE	/
C1	20220521	Cloudy	Moderate	Mid-Flood	Middle	10	9:05	8.99	8.07	32.93	24.63	5.06	2.5	0.279	E	/
C1	20220521	Cloudy	Moderate	Mid-Flood	Bottom	19	9:04	8.90	8.07	32.87	24.63	5.79	2.5	0.275	SE	/
C1	20220521	Cloudy	Moderate	Mid-Flood	Bottom	19	9:04	8.84	8.09	32.99	24.68	5.60	2.5	0.289	SE	/
C2	20220521	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.04	8.21	33.86	24.69	6.13	2.5	0.281	E	/
C2	20220521	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	7.99	8.18	33.77	24.84	6.21	3	0.302	E	/
C2	20220521	Cloudy	Moderate	Mid-Flood	Middle	10.6	8:01	8.04	8.18	33.82	24.69	5.74	2.5	0.288	SE	/
C2	20220521	Cloudy	Moderate	Mid-Flood	Middle	10.6	8:01	8.18	8.17	33.53	24.69	5.94	4	0.285	SE	/
C2	20220521	Cloudy	Moderate	Mid-Flood	Bottom	20.2	8:00	8.14	8.24	33.52	24.69	6.44	2.5	0.272	E	/
C2	20220521	Cloudy	Moderate	Mid-Flood	Bottom	20.2	8:00	8.13	8.20	33.79	24.79	6.83	2.5	0.298	SE	/
M1	20220521	Cloudy	Moderate	Mid-Flood	Surface	1	8:33	8.19	8.08	33.09	24.88	4.81	2.5	0.284	E	/
M1	20220521	Cloudy	Moderate	Mid-Flood	Surface	1	8:33	8.29	8.06	33.18	24.98	4.57	2.5	0.270	E	/
M1	20220521	Cloudy	Moderate	Mid-Flood	Middle	3.55	8:32	8.29	8.02	33.24	24.97	4.81	3	0.282	E	/
M1	20220521	Cloudy	Moderate	Mid-Flood	Middle	3.55	8:32	8.27	8.03	33.17	24.89	4.60	5	0.287	SE	/
M1	20220521	Cloudy	Moderate	Mid-Flood	Bottom	6.1	8:31	8.17	8.04	33.20	24.89	4.67	2.5	0.305	SE	/
M1	20220521	Cloudy	Moderate	Mid-Flood	Bottom	6.1	8:31	8.11	8.06	33.21	24.95	4.46	2.5	0.279	SE	/
M2	20220521	Cloudy	Moderate	Mid-Flood	Surface	1	8:49	8.38	8.20	32.80	24.72	4.14	5	0.304	E	/
M2	20220521	Cloudy	Moderate	Mid-Flood	Surface	1	8:49	8.18	8.22	32.66	24.81	4.14	6	0.303	E	/
M2	20220521	Cloudy	Moderate	Mid-Flood	Middle	7.05	8:48	8.05	8.22	32.81	24.82	4.00	3	0.310	E	/
M2	20220521	Cloudy	Moderate	Mid-Flood	Middle	7.05	8:48	8.24	8.23	32.67	24.83	3.63	3	0.280	SE	/
M2	20220521	Cloudy	Moderate	Mid-Flood	Bottom	13.1	8:47	8.29	8.18	32.57	24.78	3.76	2.5	0.303	E	/
M2	20220521	Cloudy	Moderate	Mid-Flood	Bottom	13.1	8:47	8.31	8.17	32.69	24.74	3.94	2.5	0.288	SE	/
M3	20220521	Cloudy	Moderate	Mid-Flood	Surface	1	8:18	8.81	8.08	32.65	24.72	3.99	3	0.284	SE	/
M3	20220521	Cloudy	Moderate	Mid-Flood	Surface	1	8:18	8.61	8.07	32.85	24.78	4.21	3	0.291	SE	/
M3	20220521	Cloudy	Moderate	Mid-Flood	Middle	3.85	8:17	8.93	8.09	32.55	24.70	3.94	4	0.310	E	/
M3	20220521	Cloudy	Moderate	Mid-Flood	Middle	3.85	8:17	8.96	8.08	32.50	24.68	4.19	2.5	0.310	E	/
M3	20220521	Cloudy	Moderate	Mid-Flood	Bottom	6.7	8:16	8.56	8.10	32.49	24.70	3.73	5	0.263	E	/
M3	20220521	Cloudy	Moderate	Mid-Flood	Bottom	6.7	8:16	8.78	8.07	32.69	24.79	3.77	4	0.288	SE	/
M4	20220521	Cloudy	Moderate	Mid-Flood	Surface	1	9:23	8.89	8.13	33.25	24.75	5.37	6	0.285	SE	/
M4	20220521	Cloudy	Moderate	Mid-Flood	Surface	1	9:23	8.89	8.07	33.24	24.66	5.34	6	0.282	SE	/
M4	20220521	Cloudy	Moderate	Mid-Flood	Bottom	4.3	9:21	8.94	8.06	33.24	24.71	5.51	4	0.307	E	/
M4	20220521	Cloudy	Moderate	Mid-Flood	Bottom	4.3	9:21	8.81	8.07	33.29	24.68	5.40	3	0.296	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	20220524	Sunny	Moderate	Mid-Flood	Surface	1	12:30	8.70	8.27	31.31	25.19	3.85	4	0.280	SE	/
C1	20220524	Sunny	Moderate	Mid-Flood	Surface	1	12:30	8.63	8.28	31.21	25.18	3.73	4	0.308	SE	/
C1	20220524	Sunny	Moderate	Mid-Flood	Middle	11.4	12:29	8.68	8.32	31.30	25.10	4.29	3	0.297	SE	/
C1	20220524	Sunny	Moderate	Mid-Flood	Middle	11.4	12:29	8.53	8.30	31.19	25.05	4.21	5	0.311	SE	/
C1	20220524	Sunny	Moderate	Mid-Flood	Bottom	21.8	12:28	8.60	8.25	31.43	25.20	4.44	3	0.282	E	/
C1	20220524	Sunny	Moderate	Mid-Flood	Bottom	21.8	12:28	8.69	8.27	31.28	25.05	4.16	6	0.274	E	/
C2	20220524	Sunny	Moderate	Mid-Flood	Surface	1	11:26	8.77	8.25	31.40	25.06	4.29	3	0.294	SE	/
C2	20220524	Sunny	Moderate	Mid-Flood	Surface	1	11:26	8.76	8.26	31.56	25.03	4.13	6	0.279	SE	/
C2	20220524	Sunny	Moderate	Mid-Flood	Middle	12.15	11:25	8.84	8.27	31.44	25.08	4.48	5	0.269	SE	/
C2	20220524	Sunny	Moderate	Mid-Flood	Middle	12.15	11:25	8.79	8.30	31.35	25.03	4.47	7	0.289	SE	/
C2	20220524	Sunny	Moderate	Mid-Flood	Bottom	23.3	11:24	8.83	8.30	31.39	25.30	4.71	6	0.275	SE	/
C2	20220524	Sunny	Moderate	Mid-Flood	Bottom	23.3	11:24	8.82	8.28	31.35	25.19	4.66	4	0.273	E	/
M1	20220524	Sunny	Moderate	Mid-Flood	Surface	1	11:57	8.06	8.17	32.16	25.03	3.79	6	0.288	E	/
M1	20220524	Sunny	Moderate	Mid-Flood	Surface	1	11:57	8.05	8.13	32.11	24.98	3.73	5	0.277	SE	/
M1	20220524	Sunny	Moderate	Mid-Flood	Middle	3.35	11:56	8.08	8.21	32.21	24.83	3.72	7	0.309	E	/
M1	20220524	Sunny	Moderate	Mid-Flood	Middle	3.35	11:56	7.98	8.23	32.07	25.04	3.87	9	0.270	SE	/
M1	20220524	Sunny	Moderate	Mid-Flood	Bottom	5.7	11:55	8.14	8.17	32.09	24.88	4.18	6	0.307	E	/
M1	20220524	Sunny	Moderate	Mid-Flood	Bottom	5.7	11:55	8.06	8.09	32.06	25.12	4.16	7	0.295	E	/
M2	20220524	Sunny	Moderate	Mid-Flood	Surface	1	12:13	8.00	8.20	32.63	25.24	3.12	5	0.276	SE	/
M2	20220524	Sunny	Moderate	Mid-Flood	Surface	1	12:13	8.02	8.19	32.71	25.18	3.10	8	0.286	E	/
M2	20220524	Sunny	Moderate	Mid-Flood	Middle	6.15	12:12	7.95	8.16	32.59	24.97	2.70	3	0.299	SE	/
M2	20220524	Sunny	Moderate	Mid-Flood	Middle	6.15	12:12	7.96	8.23	32.56	25.10	2.90	3	0.310	SE	/
M2	20220524	Sunny	Moderate	Mid-Flood	Bottom	11.3	12:11	7.99	8.12	32.58	25.08	3.17	2.5	0.298	E	/
M2	20220524	Sunny	Moderate	Mid-Flood	Bottom	11.3	12:11	7.95	8.23	32.62	25.22	2.80	4	0.273	E	/
M3	20220524	Sunny	Moderate	Mid-Flood	Surface	1	11:42	9.00	8.20	32.21	24.97	2.79	3	0.275	SE	/
M3	20220524	Sunny	Moderate	Mid-Flood	Surface	1	11:42	9.00	8.31	32.12	25.26	2.86	4	0.270	E	/
M3	20220524	Sunny	Moderate	Mid-Flood	Middle	3.45	11:41	8.85	8.22	32.17	25.04	2.85	4	0.276	E	/
M3	20220524	Sunny	Moderate	Mid-Flood	Middle	3.45	11:41	8.96	8.28	32.32	25.02	2.88	5	0.283	SE	/
M3	20220524	Sunny	Moderate	Mid-Flood	Bottom	5.9	11:40	9.00	8.20	32.19	25.13	2.94	3	0.274	E	/
M3	20220524	Sunny	Moderate	Mid-Flood	Bottom	5.9	11:40	8.97	8.27	32.20	25.00	2.92	3	0.299	SE	/
M4	20220524	Sunny	Moderate	Mid-Flood	Surface	1	12:45	8.07	8.31	31.74	25.13	2.91	3	0.292	E	/
M4	20220524	Sunny	Moderate	Mid-Flood	Surface	1	12:45	8.11	8.21	31.68	25.32	3.23	3	0.291	SE	/
M4	20220524	Sunny	Moderate	Mid-Flood	Bottom	4.4	12:44	8.11	8.28	31.81	25.24	2.99	2.5	0.270	SE	/
M4	20220524	Sunny	Moderate	Mid-Flood	Bottom	4.4	12:44	8.08	8.25	31.65	25.15	3.18	2.5	0.304	E	/
C1	20220526	Cloudy	Moderate	Mid-Flood	Surface	1	15:10	9.02	8.23	32.58	25.00	3.27	2.5	0.305	SE	/
C1	20220526	Cloudy	Moderate	Mid-Flood	Surface	1	15:10	8.86	8.26	32.49	24.89	3.19	3	0.297	E	/
C1	20220526	Cloudy	Moderate	Mid-Flood	Middle	11.8	15:09	8.92	8.25	32.61	24.93	3.43	4	0.270	SE	/
C1	20220526	Cloudy	Moderate	Mid-Flood	Middle	11.8	15:09	8.92	8.23	32.52	24.83	3.35	4	0.297	E	/
C1	20220526	Cloudy	Moderate	Mid-Flood	Bottom	22.6	15:08	9.06	8.22	32.51	24.85	3.62	2.5	0.297	E	/
C1	20220526	Cloudy	Moderate	Mid-Flood	Bottom	22.6	15:08	8.92	8.24	32.46	24.96	3.74	3	0.289	SE	/
C2	20220526	Cloudy	Moderate	Mid-Flood	Surface	1	13:59	8.94	8.29	32.44	25.03	3.55	5	0.285	SE	/
C2	20220526	Cloudy	Moderate	Mid-Flood	Surface	1	13:59	8.95	8.20	32.56	24.97	3.67	5	0.266	SE	/
C2	20220526	Cloudy	Moderate	Mid-Flood	Middle	11.8	13:58	8.96	8.30	32.43	25.04	3.92	5	0.269	SE	/
C2	20220526	Cloudy	Moderate	Mid-Flood	Middle	11.8	13:58	8.99	8.26	32.66	24.98	3.87	4	0.287	SE	/
C2	20220526	Cloudy	Moderate	Mid-Flood	Bottom	22.6	13:57	9.01	8.31	32.57	25.13	4.05	3	0.296	E	/
C2	20220526	Cloudy	Moderate	Mid-Flood	Bottom	22.6	13:57	9.01	8.24	32.70	25.01	4.09	2.5	0.279	SE	/
M1	20220526	Cloudy	Moderate	Mid-Flood	Surface	1	14:33	8.18	8.15	33.24	24.91	2.91	9	0.280	E	/
M1	20220526	Cloudy	Moderate	Mid-Flood	Surface	1	14:33	8.33	8.23	33.16	24.84	3.24	7	0.273	E	/
M1	20220526	Cloudy	Moderate	Mid-Flood	Middle	3.55	14:32	8.21	8.22	33.39	24.74	3.14	2.5	0.296	E	/
M1	20220526	Cloudy	Moderate	Mid-Flood	Middle	3.55	14:32	8.27	8.17	33.41	24.74	2.81	4	0.310	SE	/
M1	20220526	Cloudy	Moderate	Mid-Flood	Bottom	6.1	14:31	8.19	8.16	33.22	24.84	3.00	4	0.292	SE	/
M1	20220526	Cloudy	Moderate	Mid-Flood	Bottom	6.1	14:31	8.37	8.22	33.43	24.86	2.99	5	0.277	E	/
M2	20220526	Cloudy	Moderate	Mid-Flood	Surface	1	14:51	8.83	8.30	32.35	24.78	2.09	2.5	0.300	E	/
M2	20220526	Cloudy	Moderate	Mid-Flood	Surface	1	14:51	8.78	8.23	32.12	24.91	2.03	2.5	0.298	E	/
M2	20220526	Cloudy	Moderate	Mid-Flood	Middle	6.95	14:50	8.90	8.28	32.31	24.90	2.23	4	0.266	E	/
M2	20220526	Cloudy	Moderate	Mid-Flood	Middle	6.95	14:50	8.79	8.23	32.23	24.86	2.12	2.5	0.264	SE	/
M2	20220526	Cloudy	Moderate	Mid-Flood	Bottom	12.9	14:49	8.73	8.30	32.19	24.88	2.22	2.5	0.284	SE	/
M2	20220526	Cloudy	Moderate	Mid-Flood	Bottom	12.9	14:49	8.91	8.26	32.22	24.84	2.16	3	0.310	E	/
M3	20220526	Cloudy	Moderate	Mid-Flood	Surface	1	14:16	8.99	8.21	32.92	24.98	2.40	4	0.297	E	/
M3	20220526	Cloudy	Moderate	Mid-Flood	Surface	1	14:16	9.19	8.21	32.67	24.96	2.29	2.5	0.299	SE	/
M3	20220526	Cloudy	Moderate	Mid-Flood	Middle	3.8	14:15	9.21	8.24	32.81	24.83	2.66	2.5	0.273	SE	/
M3	20220526	Cloudy	Moderate	Mid-Flood	Middle	3.8	14:15	9.13	8.29	32.86	24.88	2.66	2.5	0.270	E	/
M3	20220526	Cloudy	Moderate	Mid-Flood	Bottom	6.6	14:14	9.17	8.20	32.75	24.88	2.50	3	0.269	SE	/
M3	20220526	Cloudy	Moderate	Mid-Flood	Bottom	6.6	14:14	9.08	8.18	32.81	24.88	2.29	2.5	0.269	SE	/
M4	20220526	Cloudy	Moderate	Mid-Flood	Surface	1	15:24	8.86	8.22	31.93	24.86	3.55	3	0.280	SE	/
M4	20220526	Cloudy	Moderate	Mid-Flood	Surface	1	15:24	8.80	8.22	31.99	24.81	3.49	2.5	0.281	E	/
M4	20220526	Cloudy	Moderate	Mid-Flood	Bottom	4.6	15:23	8.82	8.25	31.93	24.82	3.63	3	0.273	SE	/
M4	20220526	Cloudy	Moderate	Mid-Flood	Bottom	4.6	15:23	8.72	8.22	32.02	24.91	3.41	2.5	0.279	SE	/
C1	20220528	Cloudy	Moderate	Mid-Flood	Surface	1	17:04	8.61	8.22	31.90	25.31	3.14	4	0.270	E	/
C1	20220528	Cloudy	Moderate	Mid-Flood	Surface	1	17:04	8.52	8.18	32.05	25.40	3.04	4	0.281	E	/
C1	20220528	Cloudy	Moderate	Mid-Flood	Middle	11.65	17:03	8.66	8.27	32.04	25.44	3.26	3	0.295	SE	/
C1	20220528	Cloudy	Moderate	Mid-Flood	Middle	11.65	17:03	8.74	8.18	31.89	25.33	3.16	2.5	0.265	E	/
C1	20220528	Cloudy	Moderate	Mid-Flood	Bottom	22.3	17:02	8.56	8.26	31.84	25.39	3.48	5	0.275	E	/
C1	20220528	Cloudy	Moderate	Mid-Flood	Bottom	22.3	17:02	8.54	8.26	31.88	25.26	3.40	4	0.273	E	/
C2	20220528	Cloudy	Moderate	Mid-Flood	Surface	1	15:54	9.15	8.16	32.27	25.36	3.63	4	0.292	SE	/
C2	20220528	Cloudy	Moderate	Mid-Flood	Surface	1	15:54	9.07	8.16	32.41	25.35	3.70	4	0.298	SE	/
C2	20220528	Cloudy	Moderate	Mid-Flood	Middle	12	15:53	9.09	8.21	32.39	25.31	3.77	2.5	0.264	E	/
C2	20220528	Cloudy	Moderate	Mid-Flood	Middle	12	15:53	8.99	8.17	32.38	25.39	3.73	4	0.280	E	/
C2	20220528	Cloudy	Moderate	Mid-Flood	Bottom	23	15:52	9.06	8.18	32.33	25.22	3.91	5	0.295	SE	/
C2	20220528	Cloudy	Moderate	Mid-Flood	Bottom	23	15:52	9.18	8.15	32.31	25.21	3.89	6	0.294	SE	/
M1	20220528	Cloudy	Moderate	Mid-Flood	Surface	1	16:32	8.57	8.25	31.89	25.29	3.16	6	0.294	SE	/
M1	20220528	Cloudy	Moderate	Mid-Flood	Surface	1	16:32	8.56	8.18	31.83	25.46	2.87	6	0.278	SE	/
M1	20220528	Cloudy	Moderate	Mid-Flood	Middle	3.35	16:31	8.43	8.17	31.74	25.40	3.20	6	0.282	E	/
M1	20220528	Cloudy	Moderate	Mid-Flood	Middle	3.35	16:31	8.34	8.26	31.80	25.28	2.89	4	0.292	SE	/
M1	20220528	Cloudy	Moderate	Mid-Flood	Bottom	5.7	16:30	8.46	8.22	31.92	25.42	3.07	3	0.283	E	/
M1	20220528	Cloudy	Moderate	Mid-Flood	Bottom	5.7	16:30	8.53	8.23	31.83	25.44	3.18	5	0.272	E	/
M2	20220528	Cloudy	Moderate	Mid-Flood	Surface	1	16:47	8.17	8.26	32.74	25.46	2.62	4	0.286	SE	/
M2	20220528	Cloudy	Moderate	Mid-Flood	Surface	1	16:47	8.07	8.35	32.88	25.39	2.72	2.5	0.273	SE	/
M2	20220528	Cloudy	Moderate	Mid-Flood	Middle	6.2	16:46	8.11	8.30	32.86	25.36	2.64	7	0.279	SE	/
M2	20220528	Cloudy	Moderate	Mid-Flood	Middle	6.2	16:46	8.16	8.33	32.80	25.48	2.62	8	0.305	E	/
M2	20220528	Cloudy	Moderate	Mid-Flood	Bottom	11.4	16:45	8.11	8.32	32.72	25.46	2.63	7	0.311	E	/
M2	20220528	Cloudy	Moderate	Mid-Flood	Bottom	11.4	16:45	8.17	8.30	32.73	25.32	2.51	8	0.275	E	/
M3	20220528	Cloudy	Moderate	Mid-Flood	Surface	1	16:15	8.43	8.18	31.94	25.61	3.38	8	0.283	SE	/
M3	20220528	Cloudy	Moderate	Mid-Flood	Surface	1	16:15	8.44	8.16	32.06	25.62	3.25	7	0.266	SE	/
M3	20220528	Cloudy	Moderate	Mid-Flood	Middle	3.3	16:14	8.27	8.22	31.97	25.60	2.99	7	0.296	SE	/
M3	20220528	Cloudy	Moderate	Mid-Flood	Middle	3.3	16:14	8.49	8.16	31.97	25.56	3.34	7	0.283	SE	/
M3	20220528	Cloudy	Moderate	Mid-Flood	Bottom	5.6	16:13	8.34	8.18	31.96	25.56	3.25	2.5	0.273	E	/
M3	20220528	Cloudy	Moderate	Mid-Flood	Bottom	5.6	16:13	8.41	8.19	31.90	25.65	3.11	2.5	0.309	SE	/
M4	20220528	Cloudy	Moderate	Mid-Flood	Surface	1	17:22	8.30	8.31	32.18	25.30	2.98	4	0.302	E	/
M4	20220528	Cloudy	Moderate	Mid-Flood	Surface	1	17:22	8.30	8.32	32.02	25.34	3.14	6	0.272	SE	/
M4	20220528	Cloudy	Moderate	Mid-Flood	Bottom	4.3	17:21	8.37	8.32	32.03	25.40	3.19	2.5	0.310	E	/
M4	20220528	Cloudy	Moderate	Mid-Flood	Bottom	4.3	17:21	8.34	8.33	32.11	25.23	3.28	2.5	0.268	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	20220531	Cloudy	Moderate	Mid-Flood	Surface	1	17:51	8.08	8.27	32.40	25.17	4.15	9	0.293	SE	/
C1	20220531	Cloudy	Moderate	Mid-Flood	Surface	1	17:51	7.99	8.27	32.58	25.17	4.03	8	0.286	E	/
C1	20220531	Cloudy	Moderate	Mid-Flood	Middle	9.5	17:50	7.98	8.26	32.41	25.24	4.03	11	0.283	SE	/
C1	20220531	Cloudy	Moderate	Mid-Flood	Middle	9.5	17:50	7.98	8.24	32.58	25.19	3.95	10	0.276	E	/
C1	20220531	Cloudy	Moderate	Mid-Flood	Bottom	18	17:49	8.06	8.29	32.57	25.31	4.51	10	0.272	E	/
C1	20220531	Cloudy	Moderate	Mid-Flood	Bottom	18	17:49	8.12	8.31	32.57	25.11	4.35	12	0.291	E	/
C2	20220531	Cloudy	Moderate	Mid-Flood	Surface	1	16:45	8.14	8.23	32.18	25.19	4.67	12	0.282	SE	/
C2	20220531	Cloudy	Moderate	Mid-Flood	Surface	1	16:45	8.05	8.25	32.29	25.19	4.60	12	0.283	SE	/
C2	20220531	Cloudy	Moderate	Mid-Flood	Middle	10.85	16:44	8.01	8.21	32.52	25.22	4.78	13	0.271	SE	/
C2	20220531	Cloudy	Moderate	Mid-Flood	Middle	10.85	16:44	8.20	8.22	32.19	25.30	4.89	14	0.295	SE	/
C2	20220531	Cloudy	Moderate	Mid-Flood	Bottom	20.7	16:43	7.99	8.22	32.50	25.15	5.13	5	0.293	SE	/
C2	20220531	Cloudy	Moderate	Mid-Flood	Bottom	20.7	16:43	7.96	8.27	32.33	25.23	5.04	4	0.286	E	/
M1	20220531	Cloudy	Moderate	Mid-Flood	Surface	1	17:17	8.75	8.22	33.29	25.22	3.93	7	0.299	SE	/
M1	20220531	Cloudy	Moderate	Mid-Flood	Surface	1	17:17	8.87	8.22	33.27	25.40	4.00	9	0.296	E	/
M1	20220531	Cloudy	Moderate	Mid-Flood	Middle	3.7	17:16	8.79	8.18	33.14	25.33	4.04	5	0.289	SE	/
M1	20220531	Cloudy	Moderate	Mid-Flood	Middle	3.7	17:16	8.93	8.19	33.47	25.26	4.17	6	0.305	SE	/
M1	20220531	Cloudy	Moderate	Mid-Flood	Bottom	6.4	17:15	8.81	8.21	33.19	25.19	4.13	5	0.310	SE	/
M1	20220531	Cloudy	Moderate	Mid-Flood	Bottom	6.4	17:15	8.78	8.17	33.38	25.39	4.40	6	0.271	SE	/
M2	20220531	Cloudy	Moderate	Mid-Flood	Surface	1	17:34	8.26	8.33	32.94	25.09	3.32	9	0.289	E	/
M2	20220531	Cloudy	Moderate	Mid-Flood	Surface	1	17:34	8.13	8.29	32.93	25.16	3.29	10	0.284	SE	/
M2	20220531	Cloudy	Moderate	Mid-Flood	Middle	5.9	17:33	8.41	8.28	32.95	25.03	3.11	8	0.289	E	/
M2	20220531	Cloudy	Moderate	Mid-Flood	Middle	5.9	17:33	8.23	8.32	32.81	25.04	3.31	6	0.305	E	/
M2	20220531	Cloudy	Moderate	Mid-Flood	Bottom	10.8	17:32	8.31	8.32	33.07	25.09	3.45	7	0.263	SE	/
M2	20220531	Cloudy	Moderate	Mid-Flood	Bottom	10.8	17:32	8.27	8.27	32.86	25.09	3.18	6	0.309	SE	/
M3	20220531	Cloudy	Moderate	Mid-Flood	Surface	1	17:00	8.71	8.21	32.21	25.21	2.24	6	0.293	SE	/
M3	20220531	Cloudy	Moderate	Mid-Flood	Surface	1	17:00	8.74	8.24	32.50	25.14	2.21	8	0.273	E	/
M3	20220531	Cloudy	Moderate	Mid-Flood	Middle	3.55	16:59	8.46	8.21	32.32	25.21	2.35	9	0.303	SE	/
M3	20220531	Cloudy	Moderate	Mid-Flood	Middle	3.55	16:59	8.74	8.23	32.60	25.09	2.40	9	0.306	E	/
M3	20220531	Cloudy	Moderate	Mid-Flood	Bottom	6.1	16:58	8.71	8.22	32.25	25.16	2.65	9	0.269	SE	/
M3	20220531	Cloudy	Moderate	Mid-Flood	Bottom	6.1	16:58	8.57	8.20	32.53	25.25	2.45	10	0.295	SE	/
M4	20220531	Cloudy	Moderate	Mid-Flood	Surface	1	16:10	8.03	8.37	33.21	25.23	2.92	4	0.281	SE	/
M4	20220531	Cloudy	Moderate	Mid-Flood	Surface	1	16:10	8.24	8.36	32.93	25.16	3.02	5	0.288	SE	/
M4	20220531	Cloudy	Moderate	Mid-Flood	Bottom	3.7	16:09	8.01	8.29	32.99	25.24	2.83	5	0.272	SE	/
M4	20220531	Cloudy	Moderate	Mid-Flood	Bottom	3.7	16:09	7.97	8.31	32.92	25.17	3.10	4	0.276	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
20220501
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M4
AL
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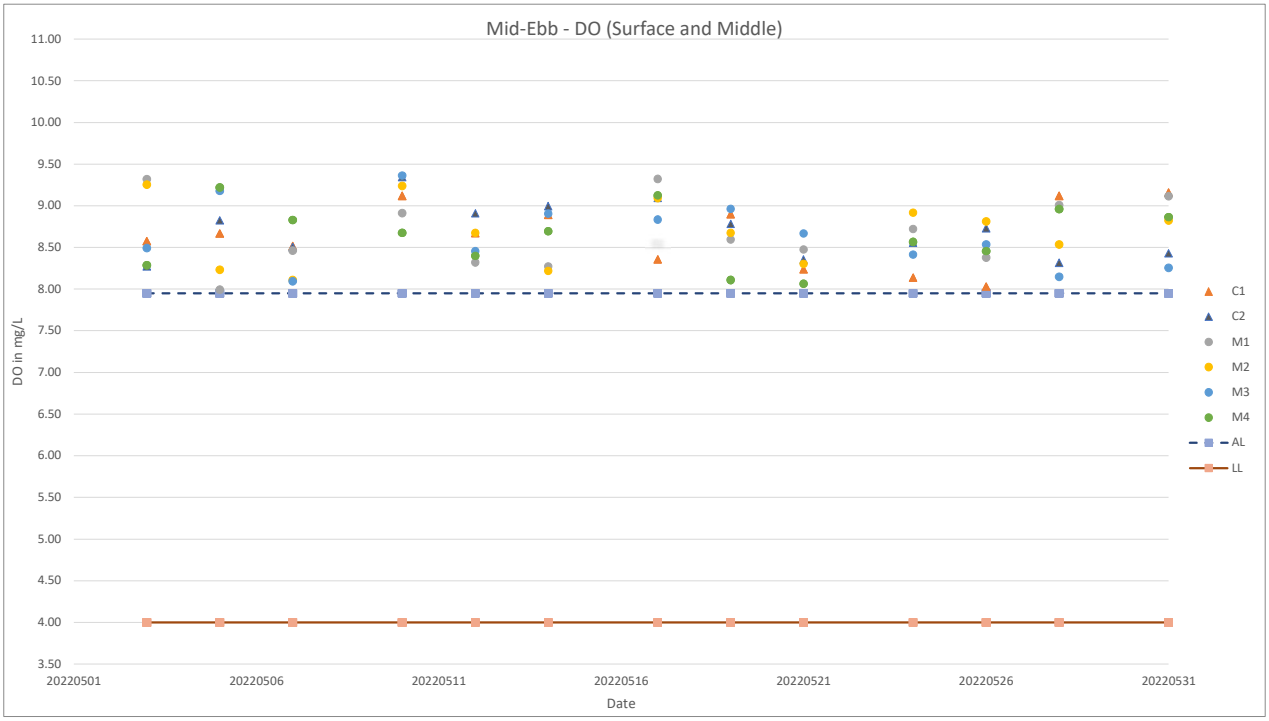
Mid-Ebb - DO (Surface and Middle)
DO in mg/L
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10.50
10.00
9.50
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
20220501
20220506
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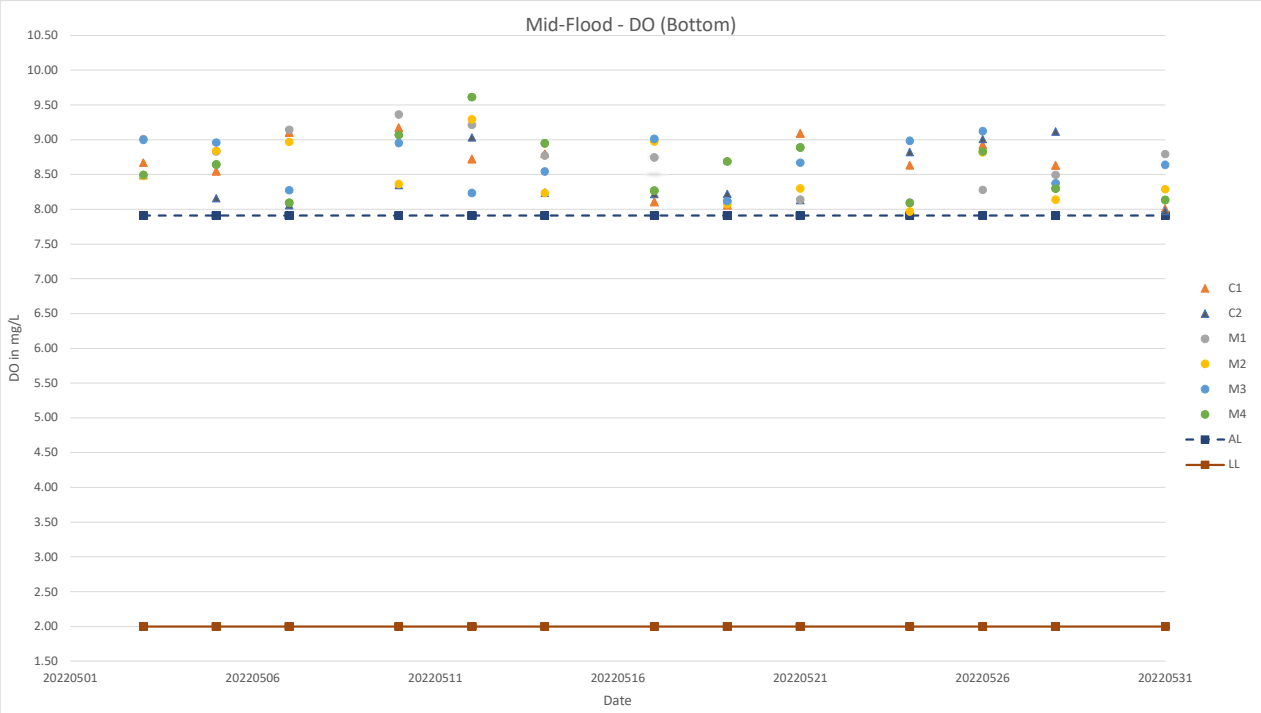
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Flood - DO (Bottom)
DO in mg/L
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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
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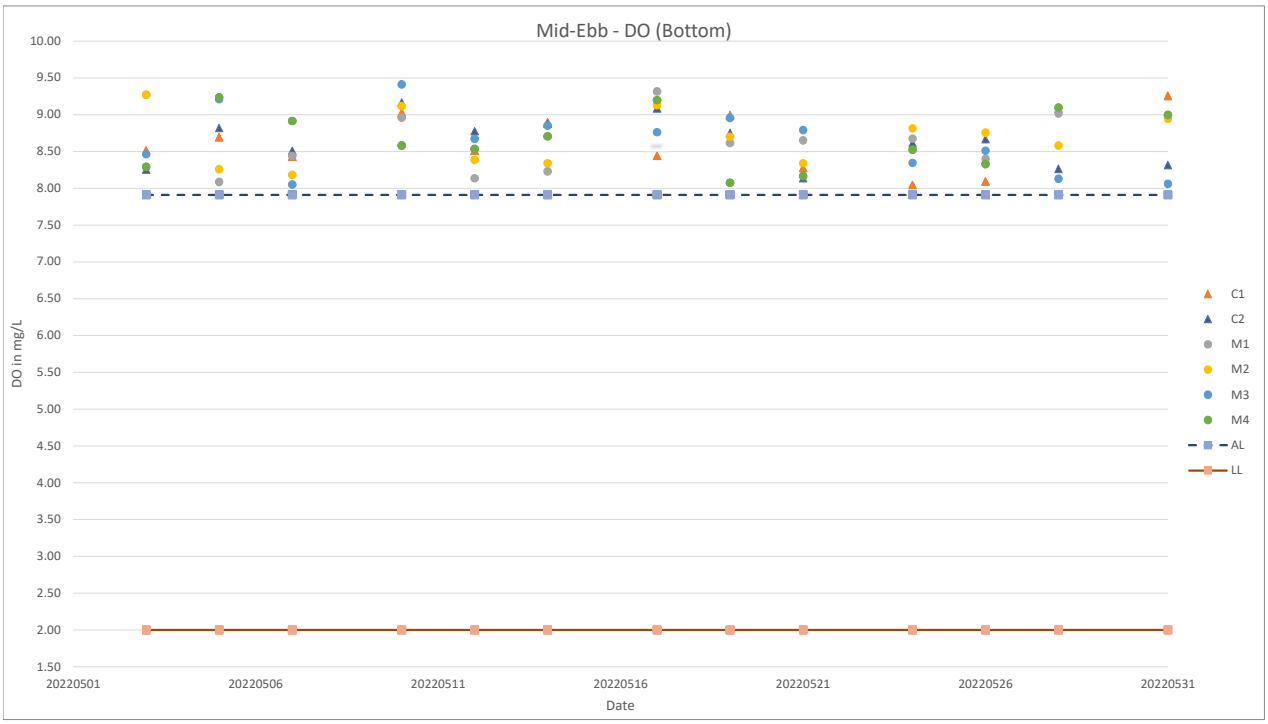
M4
AL
LL


Mid-Ebb - DO (Bottom)
DO in mg/L
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9.50
9.00
8.50
8.00
7.50
7.00
6.50
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5.50
5.00
4.50
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3.50
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20220506
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Date
C1
C2
M1
M2
M3
M4
AL
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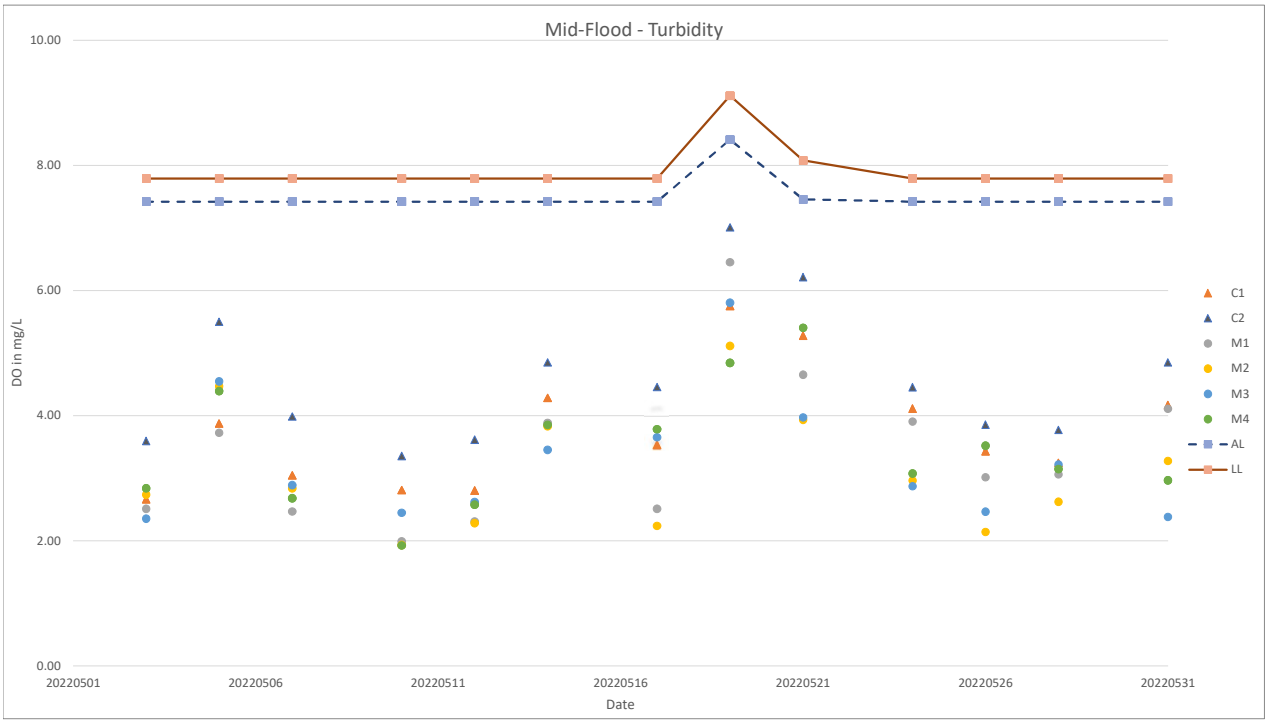
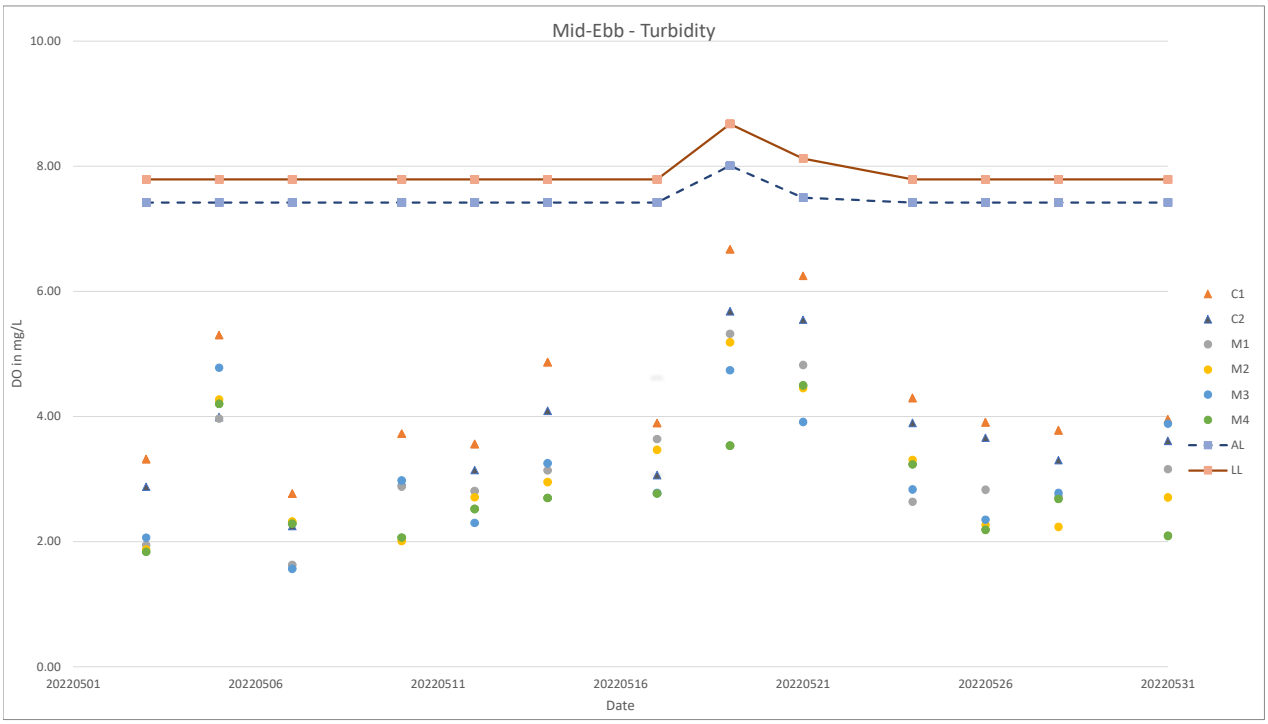

Mid-Flood - Turbidity
10.00
8.00
6.00
4.00
2.00
0.00
DO in mg/L
20220501
20220506
20220511
20220516
20220521
20220526
20220531
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Ebb - Turbidity
10.00
8.00
6.00
4.00
2.00
0.00
DO in mg/L
20220501
20220506
20220511
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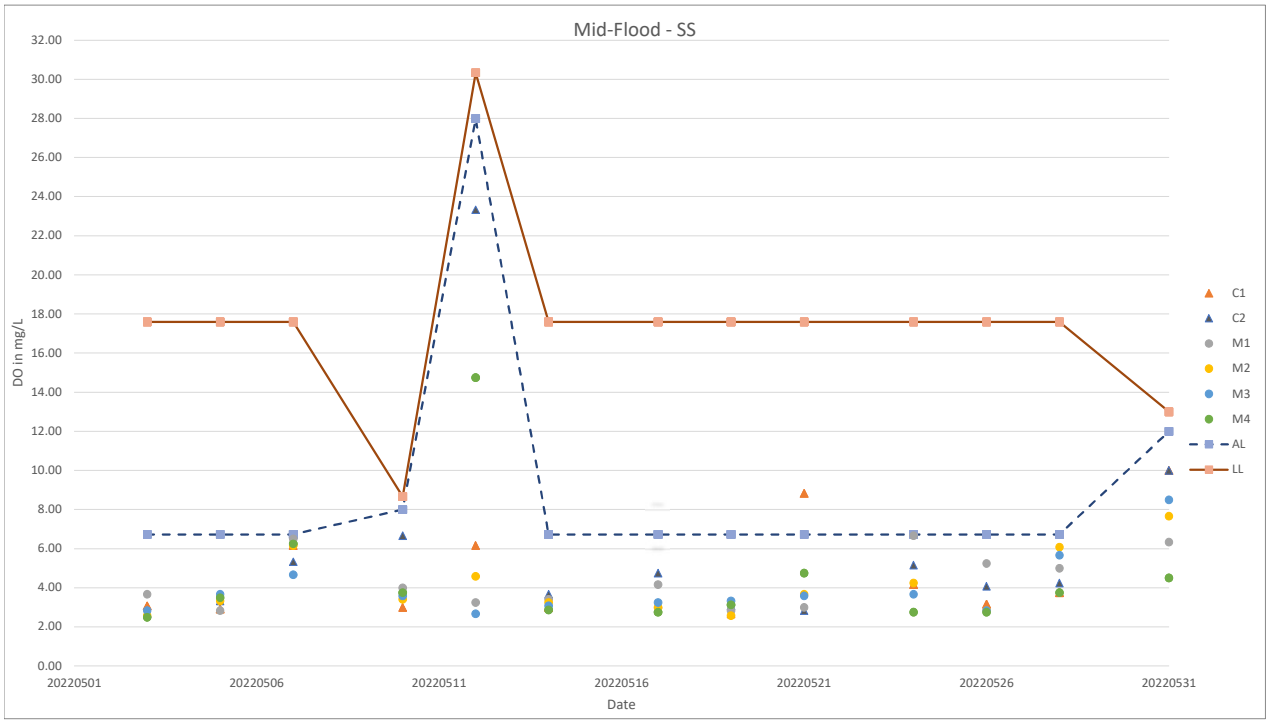
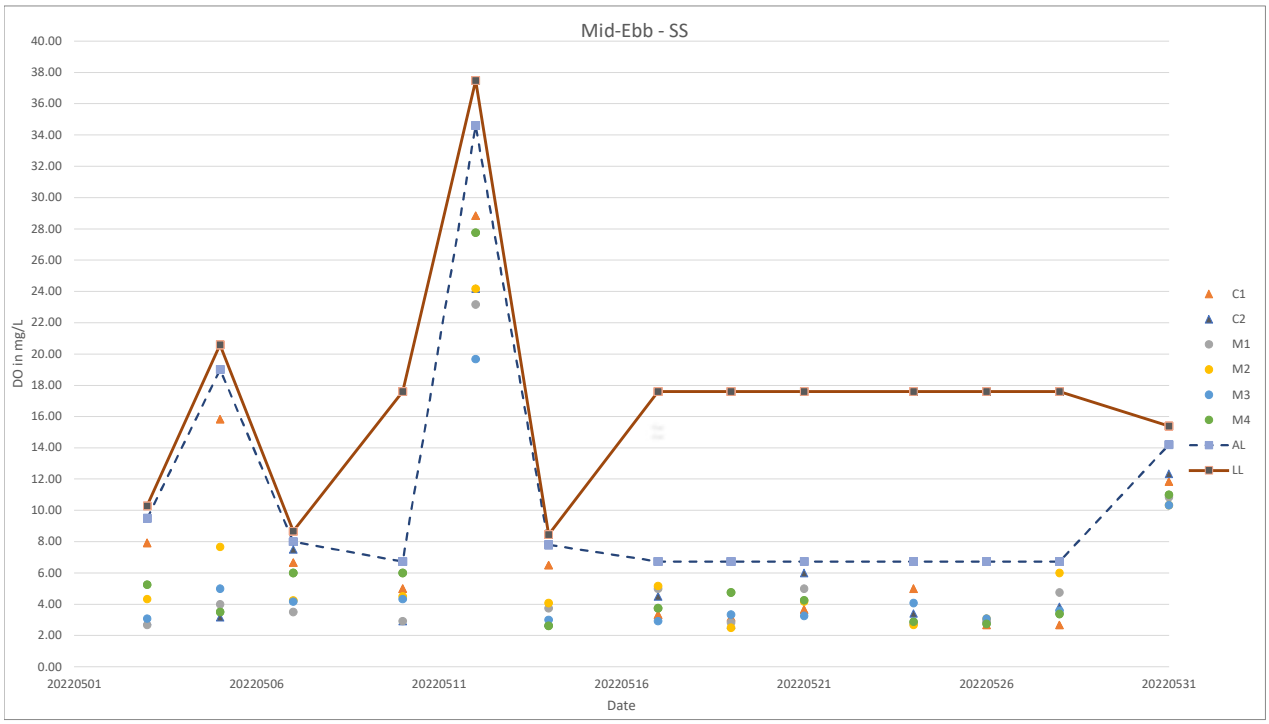
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Flood - SS
DO in mg/L
Date
C1
C2
M1
M2
M3
M4
AL
LL


Mid-Ebb - SS
DO in mg/L
Date
C1
C2
M1
M2
M3
M4
AL
LL