

Appendix I

Water Quality Monitoring Results

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°)	Turbidity (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20221201	Cloudy	Moderate	Mid-Ebb	Surface	1	8:02	8.18	8.2	32.80	23.21	5.21	7	0.284	E	/
C1	20221201	Cloudy	Moderate	Mid-Ebb	Surface	1	8:02	8.18	8.23	32.78	23.17	5.09	5	0.294	SE	/
C1	20221201	Cloudy	Moderate	Mid-Ebb	Middle	9.75	8:01	8.27	8.26	32.79	23.19	5.33	14	0.299	SE	/
C1	20221201	Cloudy	Moderate	Mid-Ebb	Middle	9.75	8:01	8.29	8.27	32.74	23.22	5.41	14	0.289	E	/
C1	20221201	Cloudy	Moderate	Mid-Ebb	Bottom	18.5	8:00	8.28	8.21	32.96	23.16	5.33	16	0.268	SE	/
C1	20221201	Cloudy	Moderate	Mid-Ebb	Bottom	18.5	8:00	8.27	8.24	32.89	23.22	5.52	14	0.296	E	/
C2	20221201	Cloudy	Moderate	Mid-Ebb	Surface	1	9:13	8.8	8.22	32.50	23.23	4.29	14	0.275	SE	/
C2	20221201	Cloudy	Moderate	Mid-Ebb	Surface	1	9:13	8.78	8.26	32.40	23.35	3.97	14	0.271	SE	/
C2	20221201	Cloudy	Moderate	Mid-Ebb	Middle	11.05	9:12	8.84	8.26	32.48	23.38	4.21	12	0.299	SE	/
C2	20221201	Cloudy	Moderate	Mid-Ebb	Middle	11.05	9:12	8.76	8.26	32.45	23.39	4.33	11	0.294	E	/
C2	20221201	Cloudy	Moderate	Mid-Ebb	Bottom	21.1	9:11	8.85	8.25	32.52	23.37	4.89	14	0.274	E	/
C2	20221201	Cloudy	Moderate	Mid-Ebb	Bottom	21.1	9:11	8.84	8.26	32.35	23.23	4.36	16	0.293	SE	/
M1	20221201	Cloudy	Moderate	Mid-Ebb	Surface	1	8:38	8.64	8.22	32.54	23.09	3.64	17	0.264	SE	/
M1	20221201	Cloudy	Moderate	Mid-Ebb	Surface	1	8:38	8.68	8.24	32.52	23.10	3.83	14	0.264	E	/
M1	20221201	Cloudy	Moderate	Mid-Ebb	Middle	3.6	8:37	8.66	8.21	32.71	23.07	3.84	13	0.269	E	/
M1	20221201	Cloudy	Moderate	Mid-Ebb	Middle	3.6	8:37	8.71	8.26	32.73	23.04	3.72	11	0.283	E	/
M1	20221201	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	8:36	8.63	8.21	32.60	23.14	3.61	11	0.283	SE	/
M1	20221201	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	8:36	8.62	8.22	32.72	23.14	3.71	12	0.265	E	/
M2	20221201	Cloudy	Moderate	Mid-Ebb	Surface	1	8:20	8.2	8.25	32.51	23.21	3.42	12	0.271	E	/
M2	20221201	Cloudy	Moderate	Mid-Ebb	Surface	1	8:20	8.12	8.26	32.52	23.32	3.35	12	0.283	E	/
M2	20221201	Cloudy	Moderate	Mid-Ebb	Middle	6.7	8:19	8.12	8.21	32.63	23.29	3.32	12	0.281	SE	/
M2	20221201	Cloudy	Moderate	Mid-Ebb	Middle	6.7	8:19	8.14	8.23	32.59	23.30	3.42	14	0.294	E	/
M2	20221201	Cloudy	Moderate	Mid-Ebb	Bottom	12.4	8:18	8.17	8.27	32.65	23.30	3.38	5	0.291	E	/
M2	20221201	Cloudy	Moderate	Mid-Ebb	Bottom	12.4	8:18	8.15	8.28	32.65	23.21	3.62	7	0.265	SE	/
M3	20221201	Cloudy	Moderate	Mid-Ebb	Surface	1	8:53	8.82	8.27	33.15	23.26	4.32	8	0.268	E	/
M3	20221201	Cloudy	Moderate	Mid-Ebb	Surface	1	8:53	8.76	8.26	33.19	23.39	4.05	10	0.277	E	/
M3	20221201	Cloudy	Moderate	Mid-Ebb	Middle	3.95	8:52	8.74	8.27	33.04	23.32	4.37	13	0.290	SE	/
M3	20221201	Cloudy	Moderate	Mid-Ebb	Middle	3.95	8:52	8.84	8.28	33.09	23.38	4.18	14	0.274	SE	/
M3	20221201	Cloudy	Moderate	Mid-Ebb	Bottom	6.9	8:51	8.73	8.29	33.21	23.30	4.23	10	0.269	E	/
M3	20221201	Cloudy	Moderate	Mid-Ebb	Bottom	6.9	8:51	8.72	8.3	33.15	23.28	4.37	10	0.279	SE	/
M4	20221201	Cloudy	Moderate	Mid-Ebb	Surface	1	9:35	8.61	8.28	32.15	23.34	3.62	15	0.280	E	/
M4	20221201	Cloudy	Moderate	Mid-Ebb	Surface	1	9:35	8.58	8.28	32.27	23.44	3.69	14	0.286	E	/
M4	20221201	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	9:34	8.57	8.28	32.22	23.37	3.71	13	0.289	SE	/
M4	20221201	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	9:34	8.65	8.33	32.13	23.43	3.55	12	0.274	E	/
C1	20221203	Cloudy	Moderate	Mid-Ebb	Surface	1	8:02	8.85	8.19	32.35	22.78	6.58	15	0.282	E	/
C1	20221203	Cloudy	Moderate	Mid-Ebb	Surface	1	8:02	8.72	8.25	32.44	22.74	6.42	13	0.297	E	/
C1	20221203	Cloudy	Moderate	Mid-Ebb	Middle	9.75	8:01	8.86	8.27	32.41	22.73	6.88	9	0.277	E	/
C1	20221203	Cloudy	Moderate	Mid-Ebb	Middle	9.75	8:01	8.73	8.27	32.44	22.68	6.76	8	0.282	SE	/
C1	20221203	Cloudy	Moderate	Mid-Ebb	Bottom	18.5	8:00	8.73	8.25	32.46	22.69	6.92	3	0.281	E	/
C1	20221203	Cloudy	Moderate	Mid-Ebb	Bottom	18.5	8:00	8.90	8.28	32.47	22.70	7.27	5	0.291	SE	/
C2	20221203	Cloudy	Moderate	Mid-Ebb	Surface	1	9:12	8.63	8.26	33.35	22.52	6.47	2.5	0.295	E	/
C2	20221203	Cloudy	Moderate	Mid-Ebb	Surface	1	9:12	8.57	8.26	33.15	22.66	6.55	4	0.300	SE	/
C2	20221203	Cloudy	Moderate	Mid-Ebb	Middle	11.55	9:11	8.68	8.20	33.18	22.51	6.50	4	0.296	SE	/
C2	20221203	Cloudy	Moderate	Mid-Ebb	Middle	11.55	9:11	8.52	8.24	33.25	22.57	6.60	6	0.274	SE	/
C2	20221203	Cloudy	Moderate	Mid-Ebb	Bottom	22.1	9:10	8.56	8.20	33.29	22.64	6.64	2.5	0.267	SE	/
C2	20221203	Cloudy	Moderate	Mid-Ebb	Bottom	22.1	9:10	8.51	8.23	33.21	22.66	6.49	2.5	0.283	SE	/
M1	20221203	Cloudy	Moderate	Mid-Ebb	Surface	1	8:35	8.57	8.28	33.11	22.53	4.05	6	0.284	SE	/
M1	20221203	Cloudy	Moderate	Mid-Ebb	Surface	1	8:35	8.70	8.28	33.00	22.68	4.18	6	0.267	E	/
M1	20221203	Cloudy	Moderate	Mid-Ebb	Middle	3.7	8:34	8.75	8.28	33.02	22.61	5.20	6	0.274	E	/
M1	20221203	Cloudy	Moderate	Mid-Ebb	Middle	3.7	8:34	8.56	8.20	33.01	22.58	4.86	6	0.277	SE	/
M1	20221203	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	8:33	8.73	8.28	32.96	22.64	5.19	10	0.297	SE	/
M1	20221203	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	8:33	8.63	8.23	33.00	22.61	5.41	12	0.284	SE	/
M2	20221203	Cloudy	Moderate	Mid-Ebb	Surface	1	8:52	8.43	8.24	32.01	22.74	4.34	13	0.286	E	/
M2	20221203	Cloudy	Moderate	Mid-Ebb	Surface	1	8:52	8.54	8.25	32.06	22.81	4.21	11	0.301	SE	/
M2	20221203	Cloudy	Moderate	Mid-Ebb	Middle	6.75	8:51	8.49	8.25	32.13	22.70	5.28	11	0.289	E	/
M2	20221203	Cloudy	Moderate	Mid-Ebb	Middle	6.75	8:51	8.55	8.27	32.23	22.67	5.30	13	0.275	E	/
M2	20221203	Cloudy	Moderate	Mid-Ebb	Bottom	12.5	8:50	8.58	8.20	32.18	22.78	5.31	11	0.285	E	/
M2	20221203	Cloudy	Moderate	Mid-Ebb	Bottom	12.5	8:50	8.56	8.21	32.17	22.79	5.01	12	0.299	SE	/
M3	20221203	Cloudy	Moderate	Mid-Ebb	Surface	1	8:18	9.25	8.31	31.98	22.40	5.38	13	0.284	E	/
M3	20221203	Cloudy	Moderate	Mid-Ebb	Surface	1	8:18	9.21	8.36	32.11	22.41	5.52	11	0.280	E	/
M3	20221203	Cloudy	Moderate	Mid-Ebb	Middle	3.85	8:17	9.23	8.27	32.05	22.42	5.29	6	0.264	SE	/
M3	20221203	Cloudy	Moderate	Mid-Ebb	Middle	3.85	8:17	9.31	8.33	32.08	22.42	5.63	9	0.272	E	/
M3	20221203	Cloudy	Moderate	Mid-Ebb	Bottom	6.7	8:16	9.40	8.31	32.17	22.47	5.69	8	0.290	E	/
M3	20221203	Cloudy	Moderate	Mid-Ebb	Bottom	6.7	8:16	9.40	8.34	32.18	22.39	5.56	8	0.265	SE	/
M4	20221203	Cloudy	Moderate	Mid-Ebb	Surface	1	9:40	9.34	8.34	32.19	22.43	5.82	9	0.299	SE	/
M4	20221203	Cloudy	Moderate	Mid-Ebb	Surface	1	9:40	9.36	8.35	32.23	22.41	6.19	7	0.293	SE	/
M4	20221203	Cloudy	Moderate	Mid-Ebb	Bottom	4.3	9:39	9.39	8.37	32.25	22.50	6.26	7	0.279	SE	/
M4	20221203	Cloudy	Moderate	Mid-Ebb	Bottom	4.3	9:39	9.27	8.34	32.12	22.48	6.14	8	0.275	SE	/
C1	20221206	Cloudy	Moderate	Mid-Ebb	Surface	1	9:21	8.77	8.22	32.76	21.90	4.99	14	0.269	SE	/
C1	20221206	Cloudy	Moderate	Mid-Ebb	Surface	1	9:21	8.74	8.24	32.83	21.82	5.18	16	0.280	SE	/
C1	20221206	Cloudy	Moderate	Mid-Ebb	Middle	9.7	9:20	8.63	8.22	32.90	21.85	5.26	15	0.264	SE	/
C1	20221206	Cloudy	Moderate	Mid-Ebb	Middle	9.7	9:20	8.78	8.23	32.90	21.86	5.49	12	0.292	SE	/
C1	20221206	Cloudy	Moderate	Mid-Ebb	Bottom	18.4	9:19	8.75	8.21	32.88	21.86	5.86	14	0.298	E	/
C1	20221206	Cloudy	Moderate	Mid-Ebb	Bottom	18.4	9:19	8.76	8.24	32.95	21.84	5.78	13	0.297	SE	/
C2	20221206	Cloudy	Moderate	Mid-Ebb	Surface	1	10:39	8.27	8.32	33.47	21.97	4.24	10	0.270	SE	/
C2	20221206	Cloudy	Moderate	Mid-Ebb	Surface	1	10:39	8.21	8.34	33.59	21.95	4.41	12	0.281	SE	/
C2	20221206	Cloudy	Moderate	Mid-Ebb	Middle	11.2	10:38	8.13	8.35	33.57	21.95	4.66	13	0.291	SE	/
C2	20221206	Cloudy	Moderate	Mid-Ebb	Middle	11.2	10:38	8.17	8.35	33.68	22.01	4.37	10	0.278	SE	/
C2	20221206	Cloudy	Moderate	Mid-Ebb	Bottom	21.4	10:37	8.20	8.35	33.57	22.05	4.99	13	0.272	E	/
C2	20221206	Cloudy	Moderate	Mid-Ebb	Bottom	21.4	10:37	8.23	8.32	33.60	21.96	4.88	15	0.274	SE	/
M1	20221206	Cloudy	Moderate	Mid-Ebb	Surface	1	10:01	8.30	8.24	33.30	21.99	4.16	16	0.263	SE	/
M1	20221206	Cloudy	Moderate	Mid-Ebb	Surface	1	10:01	8.12	8.20	33.35	21.92	4.52	15	0.263	SE	/
M1	20221206	Cloudy	Moderate	Mid-Ebb	Middle	3.3	10:00	8.26	8.22	33.47	21.91	4.36	12	0.296	SE	/
M1	20221206	Cloudy	Moderate	Mid-Ebb	Middle	3.3	10:00	8.27	8.23	33.51	21.91	4.30	11	0.273	E	/
M1	20221206	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	9:59	8.25	8.22	33.31	22.00	4.28	16	0.282	SE	/
M1	20221206	Cloudy	M													

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°)	Turbidity (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20221208	Cloudy	Moderate	Mid-Ebb	Bottom	20.8	10:43	9.24	8.19	32.95	22.20	6.43	7	0.273	SE	/
C2	20221208	Cloudy	Moderate	Mid-Ebb	Surface	1	11:50	8.44	8.22	32.05	22.32	5.23	6	0.275	E	/
C2	20221208	Cloudy	Moderate	Mid-Ebb	Surface	1	11:50	8.45	8.29	31.89	22.21	5.39	7	0.278	SE	/
C2	20221208	Cloudy	Moderate	Mid-Ebb	Middle	12.45	11:49	8.54	8.23	32.12	22.24	5.30	8	0.290	SE	/
C2	20221208	Cloudy	Moderate	Mid-Ebb	Middle	12.45	11:49	8.59	8.26	32.03	22.30	5.03	10	0.276	SE	/
C2	20221208	Cloudy	Moderate	Mid-Ebb	Bottom	23.9	11:48	8.47	8.26	31.96	22.39	5.06	7	0.293	SE	/
C2	20221208	Cloudy	Moderate	Mid-Ebb	Bottom	23.9	11:48	8.54	8.28	32.15	22.39	5.23	7	0.294	E	/
M1	20221208	Cloudy	Moderate	Mid-Ebb	Surface	1	11:17	8.41	8.19	32.45	22.54	5.87	11	0.266	SE	/
M1	20221208	Cloudy	Moderate	Mid-Ebb	Surface	1	11:17	8.36	8.21	32.21	22.47	5.67	13	0.280	SE	/
M1	20221208	Cloudy	Moderate	Mid-Ebb	Middle	3.55	11:16	8.24	8.21	32.21	22.36	5.63	15	0.294	SE	/
M1	20221208	Cloudy	Moderate	Mid-Ebb	Middle	3.55	11:16	8.39	8.23	32.17	22.43	5.63	13	0.286	SE	/
M1	20221208	Cloudy	Moderate	Mid-Ebb	Bottom	6.1	11:15	8.25	8.19	32.29	22.48	5.71	9	0.269	SE	/
M1	20221208	Cloudy	Moderate	Mid-Ebb	Bottom	6.1	11:15	8.23	8.22	32.38	22.37	5.96	8	0.287	E	/
M2	20221208	Cloudy	Moderate	Mid-Ebb	Surface	1	11:01	9.23	8.24	32.29	22.29	4.22	8	0.264	E	/
M2	20221208	Cloudy	Moderate	Mid-Ebb	Surface	1	11:01	9.22	8.25	32.09	22.33	4.43	7	0.275	E	/
M2	20221208	Cloudy	Moderate	Mid-Ebb	Middle	6.15	11:00	9.26	8.24	32.42	22.31	4.18	10	0.283	SE	/
M2	20221208	Cloudy	Moderate	Mid-Ebb	Middle	6.15	11:00	9.43	8.29	32.10	22.46	4.15	9	0.267	SE	/
M2	20221208	Cloudy	Moderate	Mid-Ebb	Bottom	11.3	10:59	9.23	8.22	32.48	22.44	4.17	10	0.278	E	/
M2	20221208	Cloudy	Moderate	Mid-Ebb	Bottom	11.3	10:59	9.35	8.24	32.44	22.33	4.30	10	0.286	E	/
M3	20221208	Cloudy	Moderate	Mid-Ebb	Surface	1	11:32	9.05	8.20	32.65	22.39	5.00	6	0.274	E	/
M3	20221208	Cloudy	Moderate	Mid-Ebb	Surface	1	11:32	9.06	8.25	32.62	22.46	4.79	7	0.278	E	/
M3	20221208	Cloudy	Moderate	Mid-Ebb	Middle	3.5	11:31	9.17	8.23	32.57	22.55	5.14	9	0.294	SE	/
M3	20221208	Cloudy	Moderate	Mid-Ebb	Middle	3.5	11:31	9.28	8.24	32.70	22.40	4.91	6	0.292	SE	/
M3	20221208	Cloudy	Moderate	Mid-Ebb	Bottom	6	11:30	9.23	8.20	32.80	22.41	4.79	9	0.300	E	/
M3	20221208	Cloudy	Moderate	Mid-Ebb	Bottom	6	11:30	9.03	8.22	32.82	22.54	5.04	9	0.266	SE	/
M4	20221208	Cloudy	Moderate	Mid-Ebb	Surface	1	12:18	9.02	8.29	32.35	22.26	3.91	13	0.297	SE	/
M4	20221208	Cloudy	Moderate	Mid-Ebb	Surface	1	12:18	9.08	8.34	32.49	22.43	4.13	13	0.267	SE	/
M4	20221208	Cloudy	Moderate	Mid-Ebb	Bottom	4.3	12:17	8.93	8.30	32.65	22.37	3.90	10	0.288	SE	/
M4	20221208	Cloudy	Moderate	Mid-Ebb	Bottom	4.3	12:17	8.95	8.32	32.68	22.43	3.98	11	0.268	E	/
C1	20221210	Cloudy	Moderate	Mid-Ebb	Surface	1	12:03	8.34	8.24	31.44	22.22	5.48	2.5	0.266	SE	/
C1	20221210	Cloudy	Moderate	Mid-Ebb	Surface	1	12:03	8.38	8.26	31.57	22.23	5.61	3	0.290	E	/
C1	20221210	Cloudy	Moderate	Mid-Ebb	Middle	11.65	12:02	8.35	8.21	31.43	22.06	5.73	4	0.289	SE	/
C1	20221210	Cloudy	Moderate	Mid-Ebb	Middle	11.65	12:02	8.38	8.24	31.59	22.08	5.80	2.5	0.297	SE	/
C1	20221210	Cloudy	Moderate	Mid-Ebb	Bottom	22.3	12:01	8.37	8.21	31.54	22.03	5.98	2.5	0.266	SE	/
C1	20221210	Cloudy	Moderate	Mid-Ebb	Bottom	22.3	12:01	8.38	8.23	31.52	22.05	5.87	2.5	0.280	E	/
C2	20221210	Cloudy	Moderate	Mid-Ebb	Surface	1	13:14	8.40	8.35	31.56	22.17	5.12	2.5	0.272	SE	/
C2	20221210	Cloudy	Moderate	Mid-Ebb	Surface	1	13:14	8.39	8.36	31.49	22.18	4.89	2.5	0.283	E	/
C2	20221210	Cloudy	Moderate	Mid-Ebb	Middle	11.1	13:13	8.45	8.34	31.56	22.20	5.48	2.5	0.280	SE	/
C2	20221210	Cloudy	Moderate	Mid-Ebb	Middle	11.1	13:13	8.34	8.35	31.66	22.21	5.33	3	0.298	SE	/
C2	20221210	Cloudy	Moderate	Mid-Ebb	Bottom	21.2	13:12	8.42	8.34	31.58	22.14	5.49	3	0.284	SE	/
C2	20221210	Cloudy	Moderate	Mid-Ebb	Bottom	21.2	13:12	8.35	8.36	31.49	22.12	5.23	2.5	0.292	SE	/
M1	20221210	Cloudy	Moderate	Mid-Ebb	Surface	1	12:35	8.41	8.20	32.25	22.20	3.94	3	0.276	E	/
M1	20221210	Cloudy	Moderate	Mid-Ebb	Surface	1	12:35	8.29	8.21	32.18	22.21	3.79	3	0.271	SE	/
M1	20221210	Cloudy	Moderate	Mid-Ebb	Middle	3.35	12:34	8.25	8.19	32.23	22.16	3.91	4	0.280	E	/
M1	20221210	Cloudy	Moderate	Mid-Ebb	Middle	3.35	12:34	8.35	8.21	32.17	22.10	3.60	2.5	0.300	E	/
M1	20221210	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	12:33	8.25	8.19	32.20	22.18	3.97	2.5	0.283	SE	/
M1	20221210	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	12:33	8.24	8.23	32.18	22.10	3.68	2.5	0.270	SE	/
M2	20221210	Cloudy	Moderate	Mid-Ebb	Surface	1	12:19	8.49	8.29	31.82	22.13	4.64	2.5	0.278	SE	/
M2	20221210	Cloudy	Moderate	Mid-Ebb	Surface	1	12:19	8.52	8.31	31.88	22.13	4.75	3	0.280	SE	/
M2	20221210	Cloudy	Moderate	Mid-Ebb	Middle	6.2	12:18	8.64	8.30	31.93	22.09	5.05	2.5	0.286	E	/
M2	20221210	Cloudy	Moderate	Mid-Ebb	Middle	6.2	12:18	8.66	8.35	31.82	22.11	4.93	2.5	0.290	SE	/
M2	20221210	Cloudy	Moderate	Mid-Ebb	Bottom	11.4	12:17	8.63	8.31	31.74	22.03	4.90	2.5	0.290	SE	/
M2	20221210	Cloudy	Moderate	Mid-Ebb	Bottom	11.4	12:17	8.67	8.34	31.84	22.09	4.61	3	0.280	SE	/
M3	20221210	Cloudy	Moderate	Mid-Ebb	Surface	1	12:53	8.71	8.27	31.46	22.05	3.70	2.5	0.301	SE	/
M3	20221210	Cloudy	Moderate	Mid-Ebb	Surface	1	12:53	8.72	8.27	31.51	22.07	3.50	4	0.268	SE	/
M3	20221210	Cloudy	Moderate	Mid-Ebb	Middle	3.3	12:52	8.70	8.28	31.44	22.10	3.61	3	0.300	SE	/
M3	20221210	Cloudy	Moderate	Mid-Ebb	Middle	3.3	12:52	8.65	8.29	31.48	22.08	3.94	3	0.275	SE	/
M3	20221210	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	12:51	8.78	8.27	31.65	22.17	3.56	3	0.280	E	/
M3	20221210	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	12:51	8.64	8.32	31.48	22.19	3.69	2.5	0.294	E	/
M4	20221210	Cloudy	Moderate	Mid-Ebb	Surface	1	13:42	8.26	8.21	31.99	22.06	4.96	9	0.266	SE	/
M4	20221210	Cloudy	Moderate	Mid-Ebb	Surface	1	13:42	8.23	8.23	31.96	22.11	5.12	8	0.264	E	/
M4	20221210	Cloudy	Moderate	Mid-Ebb	Bottom	4.6	13:41	8.33	8.22	32.10	22.17	5.08	6	0.286	SE	/
M4	20221210	Cloudy	Moderate	Mid-Ebb	Bottom	4.6	13:41	8.36	8.22	32.03	22.10	4.91	5	0.264	SE	/
C1	20221212	Cloudy	Moderate	Mid-Ebb	Surface	1	13:08	8.44	8.30	32.60	22.34	3.97	2.5	0.281	SE	/
C1	20221212	Cloudy	Moderate	Mid-Ebb	Surface	1	13:08	8.54	8.32	32.54	22.41	4.26	2.5	0.283	E	/
C1	20221212	Cloudy	Moderate	Mid-Ebb	Middle	9.5	13:07	8.51	8.32	32.63	22.40	4.54	3	0.290	E	/
C1	20221212	Cloudy	Moderate	Mid-Ebb	Middle	9.5	13:07	8.53	8.33	32.56	22.42	4.40	2.5	0.301	E	/
C1	20221212	Cloudy	Moderate	Mid-Ebb	Bottom	18	13:06	8.40	8.33	32.53	22.34	4.69	2.5	0.291	SE	/
C1	20221212	Cloudy	Moderate	Mid-Ebb	Bottom	18	13:06	8.40	8.34	32.77	22.23	4.78	2.5	0.265	SE	/
C2	20221212	Cloudy	Moderate	Mid-Ebb	Surface	1	14:28	8.91	8.31	32.64	22.31	4.15	7	0.277	SE	/
C2	20221212	Cloudy	Moderate	Mid-Ebb	Surface	1	14:28	8.81	8.32	32.64	22.17	4.16	8	0.289	E	/
C2	20221212	Cloudy	Moderate	Mid-Ebb	Middle	11.95	14:27	8.78	8.28	32.65	22.23	4.09	2.5	0.296	SE	/
C2	20221212	Cloudy	Moderate	Mid-Ebb	Middle	11.95	14:27	8.86	8.31	32.65	22.28	4.43	2.5	0.300	E	/
C2	20221212	Cloudy	Moderate	Mid-Ebb	Bottom	22.9	14:26	8.77	8.30	32.61	22.25	4.13	2.5	0.273	E	/
C2	20221212	Cloudy	Moderate	Mid-Ebb	Bottom	22.9	14:26	8.82	8.30	32.78	22.17	4.22	3	0.277	SE	/
M1	20221212	Cloudy	Moderate	Mid-Ebb	Surface	1	13:48	8.82	8.24	32.86	22.41	3.24	2.5	0.264	SE	/
M1	20221212	Cloudy	Moderate	Mid-Ebb	Surface	1	13:48	8.81	8.28	32.98	22.41	3.29	2.5	0.275	E	/
M1	20221212	Cloudy	Moderate	Mid-Ebb	Middle	3.45	13:47	8.75	8.28	32.83	22.31	3.31	2.5	0.279	E	/
M1	20221212	Cloudy	Moderate	Mid-Ebb	Middle	3.45	13:47	8.80	8.28	32.88	22.37	3.31	2.5	0.279	SE	/
M1	20221212	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	13:46	8.86	8.24	32.81	22.29	3.25	2.5	0.295	SE	/
M1	20221212	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	13:46	8.84	8.25	33.04	22.31	3.62	2.5	0.292	SE	/
M2	20221212	Cloudy	Moderate	Mid-Ebb	Surface	1	13:32	8.37	8.21	32.82	22.22	4.00	2.5	0.301	E	/
M2	20221212	Cloudy	Moderate	Mid-Ebb	Surface	1	13:32	8.48	8.25	32.86	22.25	3.83	2.5	0.282	SE	/
M2	20221212	Cloudy	Moderate	Mid-Ebb	Middle	6.55	13:31	8.37	8.25	32.85	22.30	3.80	2.5	0.277	E	/
M2	20221212	Cloudy	Moderate	Mid-Ebb	Middle	6.55	13:31	8.37								

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°)	Turbidity (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C2	20221215	Cloudy	Moderate	Mid-Ebb	Bottom	22.2	8:55	8.26	8.24	31.85	21.02	5.49	2.5	0.265	SE	/
C2	20221215	Cloudy	Moderate	Mid-Ebb	Bottom	22.2	8:55	8.22	8.25	31.84	21.12	5.36	3	0.263	E	/
M1	20221215	Cloudy	Moderate	Mid-Ebb	Surface	1	8:28	8.93	8.31	32.30	21.21	3.75	2.5	0.276	SE	/
M1	20221215	Cloudy	Moderate	Mid-Ebb	Surface	1	8:28	8.93	8.34	32.30	21.22	3.77	2.5	0.266	E	/
M1	20221215	Cloudy	Moderate	Mid-Ebb	Middle	3.45	8:27	8.93	8.31	32.29	21.24	3.52	6	0.295	E	/
M1	20221215	Cloudy	Moderate	Mid-Ebb	Middle	3.45	8:27	8.91	8.34	32.41	21.25	3.83	4	0.269	E	/
M1	20221215	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	8:26	8.89	8.33	32.31	21.28	3.78	2.5	0.274	SE	/
M1	20221215	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	8:26	8.89	8.34	32.41	21.22	3.70	4	0.290	SE	/
M2	20221215	Cloudy	Moderate	Mid-Ebb	Surface	1	8:16	8.83	8.23	32.57	21.05	5.19	3	0.283	SE	/
M2	20221215	Cloudy	Moderate	Mid-Ebb	Surface	1	8:16	8.89	8.21	32.45	21.04	4.90	3	0.276	SE	/
M2	20221215	Cloudy	Moderate	Mid-Ebb	Middle	5.9	8:15	8.85	8.25	32.46	21.00	4.98	2.5	0.282	E	/
M2	20221215	Cloudy	Moderate	Mid-Ebb	Middle	5.9	8:15	8.85	8.22	32.53	21.07	5.19	3	0.271	E	/
M2	20221215	Cloudy	Moderate	Mid-Ebb	Bottom	10.8	8:14	8.82	8.23	32.51	20.98	4.83	2.5	0.280	SE	/
M2	20221215	Cloudy	Moderate	Mid-Ebb	Bottom	10.8	8:14	8.86	8.21	32.48	21.02	4.73	3	0.289	E	/
M3	20221215	Cloudy	Moderate	Mid-Ebb	Surface	1	8:39	8.67	8.35	32.20	21.29	4.54	2.5	0.267	SE	/
M3	20221215	Cloudy	Moderate	Mid-Ebb	Surface	1	8:39	8.70	8.35	32.15	21.31	4.34	3	0.280	SE	/
M3	20221215	Cloudy	Moderate	Mid-Ebb	Middle	3.7	8:38	8.64	8.34	32.18	21.36	4.32	4	0.264	E	/
M3	20221215	Cloudy	Moderate	Mid-Ebb	Middle	3.7	8:38	8.69	8.35	32.27	21.33	4.55	5	0.291	SE	/
M3	20221215	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	8:37	8.66	8.32	32.30	21.29	4.57	2.5	0.274	E	/
M3	20221215	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	8:37	8.67	8.33	32.21	21.33	4.36	2.5	0.272	E	/
M4	20221215	Cloudy	Moderate	Mid-Ebb	Surface	1	9:18	8.48	8.28	32.37	21.07	4.68	2.5	0.297	SE	/
M4	20221215	Cloudy	Moderate	Mid-Ebb	Surface	1	9:18	8.46	8.30	32.25	21.05	5.01	2.5	0.288	SE	/
M4	20221215	Cloudy	Moderate	Mid-Ebb	Bottom	4.4	9:17	8.39	8.27	32.31	21.12	5.03	3	0.275	E	/
M4	20221215	Cloudy	Moderate	Mid-Ebb	Bottom	4.4	9:17	8.43	8.30	32.36	21.06	4.58	2.5	0.275	SE	/
C1	20221217	Cloudy	Moderate	Mid-Ebb	Surface	1	8:02	8.34	8.30	31.79	21.32	6.14	3	0.286	SE	/
C1	20221217	Cloudy	Moderate	Mid-Ebb	Surface	1	8:02	8.35	8.30	31.71	21.24	5.98	2.5	0.276	SE	/
C1	20221217	Cloudy	Moderate	Mid-Ebb	Middle	11.15	8:01	8.33	8.29	31.73	21.26	6.06	3	0.277	SE	/
C1	20221217	Cloudy	Moderate	Mid-Ebb	Middle	11.15	8:01	8.30	8.30	31.69	21.29	6.29	2.5	0.280	SE	/
C1	20221217	Cloudy	Moderate	Mid-Ebb	Bottom	21.3	8:00	8.33	8.37	31.80	21.38	6.29	3	0.278	E	/
C1	20221217	Cloudy	Moderate	Mid-Ebb	Bottom	21.3	8:00	8.32	8.31	31.68	21.33	5.98	6	0.276	E	/
C2	20221217	Cloudy	Moderate	Mid-Ebb	Surface	1	9:08	8.83	8.21	32.24	21.54	5.15	2.5	0.300	E	/
C2	20221217	Cloudy	Moderate	Mid-Ebb	Surface	1	9:08	8.84	8.27	32.20	21.48	5.18	2.5	0.278	E	/
C2	20221217	Cloudy	Moderate	Mid-Ebb	Middle	10.7	9:07	8.85	8.24	32.17	21.45	5.40	4	0.283	SE	/
C2	20221217	Cloudy	Moderate	Mid-Ebb	Middle	10.7	9:07	8.80	8.26	32.21	21.54	5.56	4	0.292	SE	/
C2	20221217	Cloudy	Moderate	Mid-Ebb	Bottom	20.4	9:06	8.82	8.27	32.30	21.54	5.17	3	0.280	SE	/
C2	20221217	Cloudy	Moderate	Mid-Ebb	Bottom	20.4	9:06	8.74	8.29	32.31	21.50	5.34	2.5	0.293	SE	/
M1	20221217	Cloudy	Moderate	Mid-Ebb	Surface	1	8:34	8.40	8.29	31.34	21.33	5.17	2.5	0.288	E	/
M1	20221217	Cloudy	Moderate	Mid-Ebb	Surface	1	8:34	8.33	8.35	31.40	21.23	5.08	3	0.264	SE	/
M1	20221217	Cloudy	Moderate	Mid-Ebb	Middle	3.65	8:33	8.42	8.29	31.41	21.22	5.18	2.5	0.299	SE	/
M1	20221217	Cloudy	Moderate	Mid-Ebb	Middle	3.65	8:33	8.34	8.36	31.39	21.33	4.93	2.5	0.292	SE	/
M1	20221217	Cloudy	Moderate	Mid-Ebb	Bottom	6.3	8:32	8.34	8.32	31.43	21.26	5.10	4	0.263	SE	/
M1	20221217	Cloudy	Moderate	Mid-Ebb	Bottom	6.3	8:32	8.39	8.32	31.39	21.19	4.87	3	0.288	E	/
M2	20221217	Cloudy	Moderate	Mid-Ebb	Surface	1	8:18	8.33	8.33	32.09	21.24	4.89	3	0.287	E	/
M2	20221217	Cloudy	Moderate	Mid-Ebb	Surface	1	8:18	8.35	8.33	32.14	21.29	4.70	3	0.266	SE	/
M2	20221217	Cloudy	Moderate	Mid-Ebb	Middle	5.85	8:17	8.29	8.36	32.06	21.22	4.61	2.5	0.298	SE	/
M2	20221217	Cloudy	Moderate	Mid-Ebb	Middle	5.85	8:17	8.28	8.29	32.07	21.29	4.71	3	0.291	SE	/
M2	20221217	Cloudy	Moderate	Mid-Ebb	Bottom	10.7	8:16	8.36	8.36	32.11	21.33	5.04	2.5	0.266	SE	/
M2	20221217	Cloudy	Moderate	Mid-Ebb	Bottom	10.7	8:16	8.28	8.28	32.06	21.19	4.95	2.5	0.266	E	/
M3	20221217	Cloudy	Moderate	Mid-Ebb	Surface	1	8:51	8.26	8.37	32.10	21.31	4.62	2.5	0.281	SE	/
M3	20221217	Cloudy	Moderate	Mid-Ebb	Surface	1	8:51	8.24	8.31	32.04	21.35	4.24	2.5	0.264	E	/
M3	20221217	Cloudy	Moderate	Mid-Ebb	Middle	3.75	8:50	8.20	8.37	32.10	21.35	4.59	2.5	0.269	E	/
M3	20221217	Cloudy	Moderate	Mid-Ebb	Middle	3.75	8:50	8.17	8.31	31.97	21.40	4.26	3	0.264	E	/
M3	20221217	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	8:49	8.17	8.27	32.01	21.42	4.68	2.5	0.298	E	/
M3	20221217	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	8:49	8.22	8.29	32.07	21.31	4.65	3	0.294	SE	/
M4	20221217	Cloudy	Moderate	Mid-Ebb	Surface	1	9:31	8.96	8.27	32.39	21.49	4.73	3	0.282	SE	/
M4	20221217	Cloudy	Moderate	Mid-Ebb	Surface	1	9:31	8.88	8.30	32.43	21.45	4.67	2.5	0.281	E	/
M4	20221217	Cloudy	Moderate	Mid-Ebb	Bottom	4.4	9:30	8.90	8.31	32.53	21.41	4.97	3	0.273	E	/
M4	20221217	Cloudy	Moderate	Mid-Ebb	Bottom	4.4	9:30	8.90	8.29	32.42	21.39	4.92	2.5	0.298	SE	/
C1	20221220	Cloudy	Moderate	Mid-Ebb	Surface	1	8:02	8.28	8.32	30.34	21.82	2.74	3	0.278	SE	/
C1	20221220	Cloudy	Moderate	Mid-Ebb	Surface	1	8:02	8.28	8.36	30.18	21.77	2.86	4	0.267	SE	/
C1	20221220	Cloudy	Moderate	Mid-Ebb	Middle	11	8:01	8.31	8.37	30.32	21.81	2.92	2.5	0.270	SE	/
C1	20221220	Cloudy	Moderate	Mid-Ebb	Middle	11	8:01	8.32	8.30	30.23	21.71	2.94	3	0.269	SE	/
C1	20221220	Cloudy	Moderate	Mid-Ebb	Bottom	21	8:00	8.22	8.33	30.30	21.71	3.28	3	0.289	SE	/
C1	20221220	Cloudy	Moderate	Mid-Ebb	Bottom	21	8:00	8.23	8.32	30.41	21.84	3.15	3	0.263	E	/
C2	20221220	Cloudy	Moderate	Mid-Ebb	Surface	1	9:06	8.11	8.16	30.46	21.76	2.59	3	0.288	E	/
C2	20221220	Cloudy	Moderate	Mid-Ebb	Surface	1	9:06	8.20	8.16	30.32	21.79	2.64	4	0.280	SE	/
C2	20221220	Cloudy	Moderate	Mid-Ebb	Middle	10.75	9:05	8.15	8.17	30.31	21.92	2.82	2.5	0.298	E	/
C2	20221220	Cloudy	Moderate	Mid-Ebb	Middle	10.75	9:05	8.17	8.17	30.43	21.77	2.67	4	0.275	SE	/
C2	20221220	Cloudy	Moderate	Mid-Ebb	Bottom	20.5	9:04	8.16	8.11	30.43	21.83	2.92	3	0.298	E	/
C2	20221220	Cloudy	Moderate	Mid-Ebb	Bottom	20.5	9:04	8.15	8.15	30.56	21.88	2.86	3	0.296	SE	/
M1	20221220	Cloudy	Moderate	Mid-Ebb	Surface	1	8:35	8.93	8.11	30.78	21.65	2.53	3	0.265	SE	/
M1	20221220	Cloudy	Moderate	Mid-Ebb	Surface	1	8:35	8.95	8.12	30.79	21.71	2.81	6	0.295	SE	/
M1	20221220	Cloudy	Moderate	Mid-Ebb	Middle	3.6	8:34	8.84	8.10	30.77	21.71	2.58	3	0.270	SE	/
M1	20221220	Cloudy	Moderate	Mid-Ebb	Middle	3.6	8:34	8.85	8.19	30.83	21.69	2.46	6	0.282	E	/
M1	20221220	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	8:33	8.87	8.14	30.68	21.66	2.82	3	0.277	E	/
M1	20221220	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	8:33	8.94	8.18	30.92	21.76	2.50	2.5	0.296	SE	/
M2	20221220	Cloudy	Moderate	Mid-Ebb	Surface	1	8:19	8.35	8.23	30.86	21.78	2.66	3	0.283	SE	/
M2	20221220	Cloudy	Moderate	Mid-Ebb	Surface	1	8:19	8.36	8.26	31.13	21.78	2.74	2.5	0.295	SE	/
M2	20221220	Cloudy	Moderate	Mid-Ebb	Middle	6.15	8:18	8.12	8.22	31.15	21.76	2.56	6	0.281	SE	/
M2	20221220	Cloudy	Moderate	Mid-Ebb	Middle	6.15	8:18	8.16	8.27	30.94	21.81	2.46	4	0.295	E	/
M2	20221220	Cloudy	Moderate	Mid-Ebb	Bottom	11.3	8:17	8.16	8.27	31.07	21.72	2.48	4	0.276	SE	/
M2	20221220	Cloudy	Moderate	Mid-Ebb	Bottom	11.3	8:17	8.17	8.23	31.15	21.76	2.47	5	0.300	E	/
M3	20221220	Cloudy	Moderate	Mid-Ebb	Surface	1	8:48	8.27	8.08	30.47	21.79	2.43	5	0.288	E	/
M3	20221220	Cloudy	Moderate	Mid-Ebb	Surface	1	8:48	8.27	8.14	30.50	21.88	2.52	5	0.271	E	/
M3	20221220	Cloudy	Moderate	Mid-Ebb	Middle	3.55	8:47	8.22	8.17	30.41	21.82	2.58	7	0.273	SE	/
M3	20221220	Cloudy	Moderate													

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°)	Turbidity (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
M1	20221222	Sunny	Moderate	Mid-Ebb	Middle	3.3	10:06	8.42	8.12	32.18	20.75	3.91	4	0.296	SE	/
M1	20221222	Sunny	Moderate	Mid-Ebb	Bottom	5.6	10:05	8.44	8.08	32.14	20.84	4.14	6	0.263	SE	/
M1	20221222	Sunny	Moderate	Mid-Ebb	Bottom	5.6	10:05	8.54	8.12	32.20	20.77	4.13	5	0.290	E	/
M2	20221222	Sunny	Moderate	Mid-Ebb	Surface	1	9:52	8.02	8.26	32.57	20.85	3.58	3	0.270	E	/
M2	20221222	Sunny	Moderate	Mid-Ebb	Surface	1	9:52	8.02	8.30	32.56	20.80	3.46	4	0.293	E	/
M2	20221222	Sunny	Moderate	Mid-Ebb	Middle	6.8	9:51	8.06	8.33	32.42	20.76	3.46	4	0.263	SE	/
M2	20221222	Sunny	Moderate	Mid-Ebb	Middle	6.8	9:51	8.02	8.33	32.44	20.81	3.59	2.5	0.292	SE	/
M2	20221222	Sunny	Moderate	Mid-Ebb	Bottom	12.6	9:50	8.06	8.31	32.43	20.77	3.63	10	0.299	SE	/
M2	20221222	Sunny	Moderate	Mid-Ebb	Bottom	12.6	9:50	8.09	8.31	32.40	20.90	3.31	13	0.264	E	/
M3	20221222	Sunny	Moderate	Mid-Ebb	Surface	1	10:22	8.36	8.32	31.80	20.72	3.40	3	0.272	E	/
M3	20221222	Sunny	Moderate	Mid-Ebb	Surface	1	10:22	8.43	8.37	31.93	20.69	3.77	4	0.265	SE	/
M3	20221222	Sunny	Moderate	Mid-Ebb	Middle	3.85	10:21	8.35	8.33	31.91	20.70	3.64	2.5	0.264	SE	/
M3	20221222	Sunny	Moderate	Mid-Ebb	Middle	3.85	10:21	8.40	8.35	31.89	20.74	3.71	2.5	0.266	E	/
M3	20221222	Sunny	Moderate	Mid-Ebb	Bottom	6.7	10:20	8.42	8.35	31.78	20.73	3.36	2.5	0.277	SE	/
M3	20221222	Sunny	Moderate	Mid-Ebb	Bottom	6.7	10:20	8.43	8.38	31.87	20.61	3.51	2.5	0.284	SE	/
M4	20221222	Sunny	Moderate	Mid-Ebb	Surface	1	11:05	8.33	8.31	31.37	20.73	4.25	4	0.278	SE	/
M4	20221222	Sunny	Moderate	Mid-Ebb	Surface	1	11:05	8.37	8.30	31.36	20.66	4.17	2.5	0.280	SE	/
M4	20221222	Sunny	Moderate	Mid-Ebb	Bottom	3.6	11:04	8.32	8.31	31.34	20.65	4.00	2.5	0.269	SE	/
M4	20221222	Sunny	Moderate	Mid-Ebb	Bottom	3.6	11:04	8.35	8.26	31.40	20.71	3.86	2.5	0.298	E	/
C1	20221224	Cloudy	Moderate	Mid-Ebb	Surface	1	11:30	8.36	8.25	31.90	21.03	4.88	2.5	0.272	E	/
C1	20221224	Cloudy	Moderate	Mid-Ebb	Surface	1	11:30	8.28	8.27	31.77	21.04	4.64	2.5	0.279	SE	/
C1	20221224	Cloudy	Moderate	Mid-Ebb	Middle	10.3	11:29	8.36	8.19	31.85	21.02	5.16	2.5	0.263	SE	/
C1	20221224	Cloudy	Moderate	Mid-Ebb	Middle	10.3	11:29	8.38	8.21	31.76	21.03	5.24	2.5	0.285	E	/
C1	20221224	Cloudy	Moderate	Mid-Ebb	Bottom	19.6	11:28	8.42	8.22	31.75	21.09	5.51	13	0.267	SE	/
C1	20221224	Cloudy	Moderate	Mid-Ebb	Bottom	19.6	11:28	8.29	8.27	31.78	21.00	5.08	15	0.286	SE	/
C2	20221224	Cloudy	Moderate	Mid-Ebb	Surface	1	12:38	8.37	8.23	32.91	21.17	4.36	2.5	0.264	SE	/
C2	20221224	Cloudy	Moderate	Mid-Ebb	Surface	1	12:38	8.24	8.25	32.96	21.15	4.17	2.5	0.286	SE	/
C2	20221224	Cloudy	Moderate	Mid-Ebb	Middle	12.55	12:37	8.33	8.25	32.79	21.08	4.31	2.5	0.297	SE	/
C2	20221224	Cloudy	Moderate	Mid-Ebb	Middle	12.55	12:37	8.34	8.27	32.77	21.10	4.4	2.5	0.274	E	/
C2	20221224	Cloudy	Moderate	Mid-Ebb	Bottom	24.1	12:36	8.31	8.26	32.76	21.11	4.12	2.5	0.273	SE	/
C2	20221224	Cloudy	Moderate	Mid-Ebb	Bottom	24.1	12:36	8.59	8.28	32.85	21.08	4.32	2.5	0.29	E	/
M1	20221224	Cloudy	Moderate	Mid-Ebb	Surface	1	12:01	8.33	8.22	32.02	21.13	3.57	2.5	0.277	SE	/
M1	20221224	Cloudy	Moderate	Mid-Ebb	Surface	1	12:01	8.25	8.28	31.85	21.20	3.58	2.5	0.301	SE	/
M1	20221224	Cloudy	Moderate	Mid-Ebb	Middle	3.45	12:00	8.25	8.23	31.84	21.18	3.69	2.5	0.281	SE	/
M1	20221224	Cloudy	Moderate	Mid-Ebb	Middle	3.45	12:00	8.32	8.28	31.92	21.14	3.65	2.5	0.284	SE	/
M1	20221224	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	11:59	8.59	8.23	32.08	21.16	3.85	2.5	0.271	SE	/
M1	20221224	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	11:59	8.28	8.28	31.93	21.21	3.93	2.5	0.284	SE	/
M2	20221224	Cloudy	Moderate	Mid-Ebb	Surface	1	11:45	8.75	8.22	31.81	21.19	3.35	2.5	0.285	SE	/
M2	20221224	Cloudy	Moderate	Mid-Ebb	Surface	1	11:45	8.79	8.25	31.80	21.15	3.5	2.5	0.267	E	/
M2	20221224	Cloudy	Moderate	Mid-Ebb	Middle	6.5	11:44	8.71	8.23	31.85	21.16	3.44	2.5	0.276	SE	/
M2	20221224	Cloudy	Moderate	Mid-Ebb	Middle	6.5	11:44	8.68	8.24	31.88	21.15	3.48	2.5	0.291	SE	/
M2	20221224	Cloudy	Moderate	Mid-Ebb	Bottom	12	11:43	8.78	8.21	31.93	21.15	3.67	2.5	0.278	E	/
M2	20221224	Cloudy	Moderate	Mid-Ebb	Bottom	12	11:43	8.68	8.24	31.69	21.20	3.48	2.5	0.278	SE	/
M3	20221224	Cloudy	Moderate	Mid-Ebb	Surface	1	12:18	8.45	8.26	32.53	21.01	4.06	2.5	0.297	E	/
M3	20221224	Cloudy	Moderate	Mid-Ebb	Surface	1	12:18	8.5	8.34	32.48	20.93	4.07	2.5	0.287	E	/
M3	20221224	Cloudy	Moderate	Mid-Ebb	Middle	3.25	12:17	8.44	8.31	32.47	21.01	4.34	2.5	0.281	E	/
M3	20221224	Cloudy	Moderate	Mid-Ebb	Middle	3.25	12:17	8.48	8.31	32.55	20.99	4.08	2.5	0.28	E	/
M3	20221224	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	12:16	8.48	8.28	32.59	20.97	4.29	2.5	0.299	E	/
M3	20221224	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	12:16	8.56	8.29	32.71	20.97	4.07	2.5	0.277	SE	/
M4	20221224	Cloudy	Moderate	Mid-Ebb	Surface	1	13:15	8.31	8.19	33.11	20.88	3.47	7	0.263	SE	/
M4	20221224	Cloudy	Moderate	Mid-Ebb	Surface	1	13:15	8.37	8.23	33.03	20.88	3.48	8	0.3	E	/
M4	20221224	Cloudy	Moderate	Mid-Ebb	Bottom	4	13:14	8.39	8.2	33.18	20.90	3.85	2.5	0.283	SE	/
M4	20221224	Cloudy	Moderate	Mid-Ebb	Bottom	4	13:14	8.33	8.24	33.14	20.85	3.71	2.5	0.287	E	/
C1	20221227	Sunny	Moderate	Mid-Ebb	Surface	1	14:02	8.51	8.28	31.43	20.79	6.13	2.5	0.265	SE	/
C1	20221227	Sunny	Moderate	Mid-Ebb	Surface	1	14:02	8.46	8.31	31.38	20.86	6.06	2.5	0.27	SE	/
C1	20221227	Sunny	Moderate	Mid-Ebb	Middle	11.1	14:01	8.4	8.24	31.57	20.85	6.57	3	0.282	SE	/
C1	20221227	Sunny	Moderate	Mid-Ebb	Middle	11.1	14:01	8.46	8.29	31.38	20.85	6.33	2.5	0.275	E	/
C1	20221227	Sunny	Moderate	Mid-Ebb	Bottom	21.2	14:00	8.46	8.26	31.50	20.77	7.09	2.5	0.279	E	/
C1	20221227	Sunny	Moderate	Mid-Ebb	Bottom	21.2	14:00	8.45	8.27	31.46	20.77	6.83	2.5	0.267	E	/
C2	20221227	Sunny	Moderate	Mid-Ebb	Surface	1	15:13	8.23	8.29	31.61	20.81	5.97	2.5	0.267	SE	/
C2	20221227	Sunny	Moderate	Mid-Ebb	Surface	1	15:13	8.31	8.34	31.40	20.73	6.08	2.5	0.291	E	/
C2	20221227	Sunny	Moderate	Mid-Ebb	Middle	11.5	15:12	8.21	8.31	31.44	20.74	6.31	3	0.279	SE	/
C2	20221227	Sunny	Moderate	Mid-Ebb	Middle	11.5	15:12	8.32	8.32	31.38	20.76	6.18	2.5	0.287	SE	/
C2	20221227	Sunny	Moderate	Mid-Ebb	Bottom	22	15:11	8.27	8.27	31.63	20.81	6.34	2.5	0.276	SE	/
C2	20221227	Sunny	Moderate	Mid-Ebb	Bottom	22	15:11	8.3	8.33	31.48	20.81	6.26	2.5	0.271	SE	/
M1	20221227	Sunny	Moderate	Mid-Ebb	Surface	1	14:36	9.08	8.26	31.55	20.98	5.13	2.5	0.276	SE	/
M1	20221227	Sunny	Moderate	Mid-Ebb	Surface	1	14:36	9.02	8.29	31.52	21.06	4.87	2.5	0.28	SE	/
M1	20221227	Sunny	Moderate	Mid-Ebb	Middle	3.35	14:35	9.13	8.3	31.30	21.07	5.12	2.5	0.287	SE	/
M1	20221227	Sunny	Moderate	Mid-Ebb	Middle	3.35	14:35	9.07	8.31	31.34	20.98	4.83	3	0.291	SE	/
M1	20221227	Sunny	Moderate	Mid-Ebb	Bottom	5.7	14:34	9.06	8.24	31.47	21.03	4.69	2.5	0.266	E	/
M1	20221227	Sunny	Moderate	Mid-Ebb	Bottom	5.7	14:34	9.11	8.29	31.35	21.00	4.82	2.5	0.272	E	/
M2	20221227	Sunny	Moderate	Mid-Ebb	Surface	1	14:18	9.06	8.3	30.91	20.78	5.22	2.5	0.271	SE	/
M2	20221227	Sunny	Moderate	Mid-Ebb	Surface	1	14:18	9.18	8.3	30.98	20.82	5.24	2.5	0.292	E	/
M2	20221227	Sunny	Moderate	Mid-Ebb	Middle	6.95	14:17	9.11	8.29	30.91	20.88	5.53	2.5	0.275	SE	/
M2	20221227	Sunny	Moderate	Mid-Ebb	Middle	6.95	14:17	9.02	8.32	30.99	20.88	5.47	2.5	0.28	SE	/
M2	20221227	Sunny	Moderate	Mid-Ebb	Bottom	12.9	14:16	8.99	8.3	31.06	20.77	5.55	2.5	0.278	E	/
M2	20221227	Sunny	Moderate	Mid-Ebb	Bottom	12.9	14:16	9.02	8.36	31.06	20.79	5.44	3	0.274	SE	/
M3	20221227	Sunny	Moderate	Mid-Ebb	Surface	1	14:55	8.58	8.29	31.10	20.94	5.27	2.5	0.268	SE	/
M3	20221227	Sunny	Moderate	Mid-Ebb	Surface	1	14:55	8.7	8.32	31.15	20.87	5.17	2.5	0.269	E	/
M3	20221227	Sunny	Moderate	Mid-Ebb	Middle	3.25	14:54	8.62	8.31	31.27	20.84	5.04	2.5	0.277	E	/
M3	20221227	Sunny	Moderate	Mid-Ebb	Middle	3.25	14:54	8.66	8.35	31.04	20.93	5.02	2.5	0.277	SE	/
M3	20221227	Sunny	Moderate	Mid-Ebb	Bottom	5.5	14:53	8.55	8.34	31.03	20.83	5.2	2.5	0.293	SE	/
M3	20221227	Sunny	Moderate	Mid-Ebb	Bottom	5.5	14:53	8.53	8.35	31.28	20.86	5.09	2.5	0.289	SE	/
M4	20221227	Sunny	Moderate	Mid-Ebb	Surface	1	15:45	8.45	8.23	32.08	20.79	5.34	2.5	0.268	SE	/
M4	20221227	Sunny	Moderate	Mid-Ebb	Surface	1	15:45	8.36	8.28	31.92	20.74					

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°)	Turbidity (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
M2	20221229	Sunny	Moderate	Mid-Ebb	Middle	6.45	16:10	9.17	8.28	31.67	22.03	5.2	4	0.296	E	/
M2	20221229	Sunny	Moderate	Mid-Ebb	Middle	6.45	16:10	9.08	8.22	31.67	22.01	5.15	3	0.282	SE	/
M2	20221229	Sunny	Moderate	Mid-Ebb	Bottom	11.9	16:09	9.21	8.25	31.98	22.10	5.52	3	0.301	E	/
M2	20221229	Sunny	Moderate	Mid-Ebb	Bottom	11.9	16:09	9.21	8.24	32.02	22.02	5.23	3	0.297	E	/
M3	20221229	Sunny	Moderate	Mid-Ebb	Surface	1	16:45	8.72	8.28	32.14	21.96	4.15	4	0.266	SE	/
M3	20221229	Sunny	Moderate	Mid-Ebb	Surface	1	16:45	8.67	8.29	32.30	21.95	3.95	3	0.271	E	/
M3	20221229	Sunny	Moderate	Mid-Ebb	Middle	3.4	16:44	8.67	8.32	32.13	21.98	3.91	4	0.279	E	/
M3	20221229	Sunny	Moderate	Mid-Ebb	Middle	3.4	16:44	8.76	8.33	32.17	21.89	4.14	3	0.294	E	/
M3	20221229	Sunny	Moderate	Mid-Ebb	Bottom	5.8	16:43	8.76	8.29	32.37	21.99	4.29	4	0.281	E	/
M3	20221229	Sunny	Moderate	Mid-Ebb	Bottom	5.8	16:43	8.59	8.31	32.05	21.89	3.88	4	0.301	E	/
M4	20221229	Sunny	Moderate	Mid-Ebb	Surface	1	17:38	9.05	8.24	31.66	22.10	3.71	2.5	0.274	SE	/
M4	20221229	Sunny	Moderate	Mid-Ebb	Surface	1	17:38	9.07	8.26	31.64	21.99	3.65	3	0.271	SE	/
M4	20221229	Sunny	Moderate	Mid-Ebb	Bottom	4.4	17:37	9.08	8.25	31.74	22.01	4.93	4	0.275	SE	/
M4	20221229	Sunny	Moderate	Mid-Ebb	Bottom	4.4	17:37	8.98	8.29	31.41	22.05	4.36	4	0.275	E	/
C1	20221231	Sunny	Moderate	Mid-Ebb	Surface	1	8:02	8.70	8.30	33.12	21.90	4.91	10	0.279	SE	/
C1	20221231	Sunny	Moderate	Mid-Ebb	Surface	1	8:02	8.69	8.34	33.16	21.92	4.81	8	0.299	SE	/
C1	20221231	Sunny	Moderate	Mid-Ebb	Middle	10.15	8:01	8.63	8.33	33.15	21.86	5.00	2.5	0.270	E	/
C1	20221231	Sunny	Moderate	Mid-Ebb	Middle	10.15	8:01	8.79	8.33	33.05	21.85	5.04	2.5	0.274	SE	/
C1	20221231	Sunny	Moderate	Mid-Ebb	Bottom	19.3	8:00	8.70	8.29	33.11	21.94	5.70	2.5	0.295	E	/
C1	20221231	Sunny	Moderate	Mid-Ebb	Bottom	19.3	8:00	8.66	8.34	33.08	21.83	5.22	2.5	0.284	E	/
C2	20221231	Sunny	Moderate	Mid-Ebb	Surface	1	8:50	9.21	8.26	33.16	22.17	3.98	5	0.292	E	/
C2	20221231	Sunny	Moderate	Mid-Ebb	Surface	1	8:50	9.30	8.26	33.22	22.17	4.03	5	0.281	SE	/
C2	20221231	Sunny	Moderate	Mid-Ebb	Middle	10.7	8:49	9.25	8.30	33.13	22.20	4.27	4	0.278	E	/
C2	20221231	Sunny	Moderate	Mid-Ebb	Middle	10.7	8:49	9.34	8.30	33.11	22.09	4.05	7	0.290	SE	/
C2	20221231	Sunny	Moderate	Mid-Ebb	Bottom	20.4	8:48	9.23	8.34	33.06	22.20	4.16	6	0.281	SE	/
C2	20221231	Sunny	Moderate	Mid-Ebb	Bottom	20.4	8:48	9.33	8.30	33.14	22.12	4.45	3	0.296	SE	/
M1	20221231	Sunny	Moderate	Mid-Ebb	Surface	1	8:31	8.36	8.23	31.91	21.83	2.87	4	0.296	SE	/
M1	20221231	Sunny	Moderate	Mid-Ebb	Surface	1	8:31	8.39	8.27	31.89	21.92	3.15	2.5	0.292	SE	/
M1	20221231	Sunny	Moderate	Mid-Ebb	Middle	3.2	8:30	8.31	8.25	31.96	21.84	3.12	2.5	0.301	SE	/
M1	20221231	Sunny	Moderate	Mid-Ebb	Middle	3.2	8:30	8.37	8.26	31.98	21.89	3.21	4	0.283	E	/
M1	20221231	Sunny	Moderate	Mid-Ebb	Bottom	5.4	8:29	8.29	8.27	31.96	21.89	2.83	3	0.296	E	/
M1	20221231	Sunny	Moderate	Mid-Ebb	Bottom	5.4	8:29	8.24	8.28	31.88	21.92	3.13	2.5	0.299	SE	/
M2	20221231	Sunny	Moderate	Mid-Ebb	Surface	1	8:17	8.77	8.30	33.38	21.90	4.03	5	0.267	SE	/
M2	20221231	Sunny	Moderate	Mid-Ebb	Surface	1	8:17	8.77	8.31	33.28	21.97	4.30	3	0.276	SE	/
M2	20221231	Sunny	Moderate	Mid-Ebb	Middle	6.3	8:16	8.77	8.31	33.40	21.96	4.28	5	0.293	E	/
M2	20221231	Sunny	Moderate	Mid-Ebb	Middle	6.3	8:16	8.90	8.33	33.35	21.93	4.21	4	0.293	SE	/
M2	20221231	Sunny	Moderate	Mid-Ebb	Bottom	11.6	8:15	8.88	8.31	33.39	21.92	4.17	4	0.300	E	/
M2	20221231	Sunny	Moderate	Mid-Ebb	Bottom	11.6	8:15	8.90	8.20	33.36	21.88	4.05	4	0.266	E	/
M3	20221231	Sunny	Moderate	Mid-Ebb	Surface	1	8:35	8.75	8.26	32.98	22.10	3.80	4	0.263	SE	/
M3	20221231	Sunny	Moderate	Mid-Ebb	Surface	1	8:35	8.76	8.26	32.94	22.14	3.84	2.5	0.295	SE	/
M3	20221231	Sunny	Moderate	Mid-Ebb	Middle	3.65	8:34	8.89	8.27	32.96	22.18	3.84	2.5	0.292	SE	/
M3	20221231	Sunny	Moderate	Mid-Ebb	Middle	3.65	8:34	8.80	8.29	32.94	22.16	3.62	3	0.289	E	/
M3	20221231	Sunny	Moderate	Mid-Ebb	Bottom	6.3	8:33	8.86	8.30	32.92	22.18	3.82	2.5	0.280	SE	/
M3	20221231	Sunny	Moderate	Mid-Ebb	Bottom	6.3	8:33	8.91	8.30	32.99	22.10	3.87	2.5	0.267	SE	/
M4	20221231	Sunny	Moderate	Mid-Ebb	Surface	1	9:16	8.26	8.34	32.88	22.19	4.35	13	0.274	E	/
M4	20221231	Sunny	Moderate	Mid-Ebb	Surface	1	9:16	8.32	8.20	32.89	22.19	4.15	11	0.296	E	/
M4	20221231	Sunny	Moderate	Mid-Ebb	Bottom	4.1	9:15	8.36	8.32	32.95	22.16	4.11	2.5	0.300	E	/
M4	20221231	Sunny	Moderate	Mid-Ebb	Bottom	4.1	9:15	8.32	8.20	33.00	22.18	4.29	2.5	0.295	E	/

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°)	Turbidity (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20221201	Cloudy	Moderate	Mid-Flood	Surface	1	13:30	8.59	8.24	32.32	23.48	4.36	3	0.271	E	/
C1	20221201	Cloudy	Moderate	Mid-Flood	Surface	1	13:30	8.64	8.24	32.37	23.50	4.10	2.5	0.311	SE	/
C1	20221201	Cloudy	Moderate	Mid-Flood	Middle	9.55	13:29	8.53	8.22	32.40	23.52	4.76	2.5	0.279	E	/
C1	20221201	Cloudy	Moderate	Mid-Flood	Middle	9.55	13:29	8.48	8.23	32.38	23.48	4.25	3	0.281	SE	/
C1	20221201	Cloudy	Moderate	Mid-Flood	Bottom	18.1	13:28	8.57	8.26	32.40	23.46	4.92	2.5	0.287	SE	/
C1	20221201	Cloudy	Moderate	Mid-Flood	Bottom	18.1	13:28	8.50	8.21	32.47	23.53	4.89	4	0.285	E	/
C2	20221201	Cloudy	Moderate	Mid-Flood	Surface	1	12:10	8.69	8.28	32.44	23.27	4.62	2.5	0.306	E	/
C2	20221201	Cloudy	Moderate	Mid-Flood	Surface	1	12:10	8.75	8.28	32.40	23.29	4.97	4	0.281	SE	/
C2	20221201	Cloudy	Moderate	Mid-Flood	Middle	10.85	12:09	8.76	8.29	32.41	23.34	5.09	4	0.292	E	/
C2	20221201	Cloudy	Moderate	Mid-Flood	Middle	10.85	12:09	8.79	8.32	32.39	23.29	4.87	2.5	0.276	SE	/
C2	20221201	Cloudy	Moderate	Mid-Flood	Bottom	20.7	12:08	8.78	8.27	32.32	23.26	5.63	5	0.288	SE	/
C2	20221201	Cloudy	Moderate	Mid-Flood	Bottom	20.7	12:08	8.75	8.32	32.44	23.25	5.46	8	0.278	SE	/
M1	20221201	Cloudy	Moderate	Mid-Flood	Surface	1	12:47	8.15	8.25	33.23	23.55	2.67	2.5	0.275	SE	/
M1	20221201	Cloudy	Moderate	Mid-Flood	Surface	1	12:47	8.05	8.31	33.19	23.52	2.68	2.5	0.286	E	/
M1	20221201	Cloudy	Moderate	Mid-Flood	Middle	3.6	12:46	8.05	8.31	33.31	23.52	3.01	5	0.269	SE	/
M1	20221201	Cloudy	Moderate	Mid-Flood	Middle	3.6	12:46	8.12	8.31	33.17	23.53	2.62	5	0.290	SE	/
M1	20221201	Cloudy	Moderate	Mid-Flood	Bottom	6.2	12:45	8.20	8.25	33.27	23.52	2.62	2.5	0.310	SE	/
M1	20221201	Cloudy	Moderate	Mid-Flood	Bottom	6.2	12:45	8.14	8.26	33.19	23.49	2.62	2.5	0.291	SE	/
M2	20221201	Cloudy	Moderate	Mid-Flood	Surface	1	13:04	8.04	8.26	32.60	23.55	4.91	6	0.283	SE	/
M2	20221201	Cloudy	Moderate	Mid-Flood	Surface	1	13:04	8.09	8.28	32.60	23.51	4.82	7	0.283	E	/
M2	20221201	Cloudy	Moderate	Mid-Flood	Middle	6.35	13:03	8.16	8.24	32.59	23.54	4.63	12	0.277	SE	/
M2	20221201	Cloudy	Moderate	Mid-Flood	Middle	6.35	13:03	8.14	8.31	32.65	23.50	4.74	14	0.291	E	/
M2	20221201	Cloudy	Moderate	Mid-Flood	Bottom	11.7	13:02	8.03	8.26	32.75	23.52	4.94	16	0.281	E	/
M2	20221201	Cloudy	Moderate	Mid-Flood	Bottom	11.7	13:02	8.10	8.30	32.61	23.49	4.66	15	0.310	SE	/
M3	20221201	Cloudy	Moderate	Mid-Flood	Surface	1	12:31	8.57	8.25	32.43	23.46	4.07	16	0.289	SE	/
M3	20221201	Cloudy	Moderate	Mid-Flood	Surface	1	12:31	8.53	8.26	32.28	23.50	3.77	15	0.305	E	/
M3	20221201	Cloudy	Moderate	Mid-Flood	Middle	3.9	12:30	8.48	8.25	32.41	23.50	4.17	14	0.299	E	/
M3	20221201	Cloudy	Moderate	Mid-Flood	Middle	3.9	12:30	8.50	8.26	32.31	23.48	4.07	16	0.263	E	/
M3	20221201	Cloudy	Moderate	Mid-Flood	Bottom	6.8	12:29	8.57	8.26	32.29	23.51	4.13	15	0.301	E	/
M3	20221201	Cloudy	Moderate	Mid-Flood	Bottom	6.8	12:29	8.47	8.31	32.33	23.50	4.01	14	0.297	SE	/
M4	20221201	Cloudy	Moderate	Mid-Flood	Surface	1	13:50	8.18	8.24	33.14	23.35	3.02	14	0.287	SE	/
M4	20221201	Cloudy	Moderate	Mid-Flood	Surface	1	13:50	8.18	8.24	33.14	23.35	2.90	12	0.306	SE	/
M4	20221201	Cloudy	Moderate	Mid-Flood	Bottom	3.9	13:49	8.16	8.23	33.08	23.33	3.27	14	0.299	SE	/
M4	20221201	Cloudy	Moderate	Mid-Flood	Bottom	3.9	13:49	8.04	8.23	33.05	23.28	2.96	13	0.284	SE	/
C1	20221203	Cloudy	Moderate	Mid-Flood	Surface	1	14:42	8.34	8.27	33.17	22.66	5.87	15	0.286	SE	/
C1	20221203	Cloudy	Moderate	Mid-Flood	Surface	1	14:42	8.32	8.31	33.32	22.74	5.74	14	0.306	SE	/
C1	20221203	Cloudy	Moderate	Mid-Flood	Middle	10.3	14:41	8.37	8.28	33.26	22.60	6.11	6	0.292	SE	/
C1	20221203	Cloudy	Moderate	Mid-Flood	Middle	10.3	14:41	8.41	8.30	33.24	22.67	6.06	8	0.268	SE	/
C1	20221203	Cloudy	Moderate	Mid-Flood	Bottom	19.6	14:40	8.42	8.29	33.36	22.66	6.21	10	0.304	SE	/
C1	20221203	Cloudy	Moderate	Mid-Flood	Bottom	19.6	14:40	8.42	8.31	33.29	22.70	6.39	13	0.288	SE	/
C2	20221203	Cloudy	Moderate	Mid-Flood	Surface	1	13:29	8.91	8.23	33.11	22.56	6.11	18	0.267	E	/
C2	20221203	Cloudy	Moderate	Mid-Flood	Surface	1	13:29	8.98	8.27	32.91	22.64	6.06	16	0.299	SE	/
C2	20221203	Cloudy	Moderate	Mid-Flood	Middle	11.6	13:28	8.94	8.25	33.01	22.63	6.83	8	0.295	SE	/
C2	20221203	Cloudy	Moderate	Mid-Flood	Middle	11.6	13:28	8.88	8.30	32.91	22.58	6.85	10	0.296	SE	/
C2	20221203	Cloudy	Moderate	Mid-Flood	Bottom	22.2	13:27	8.97	8.23	33.08	22.61	6.88	2.5	0.283	SE	/
C2	20221203	Cloudy	Moderate	Mid-Flood	Bottom	22.2	13:27	8.92	8.23	33.04	22.63	6.72	2.5	0.286	E	/
M1	20221203	Cloudy	Moderate	Mid-Flood	Surface	1	14:01	8.98	8.29	32.66	22.42	4.75	12	0.309	SE	/
M1	20221203	Cloudy	Moderate	Mid-Flood	Surface	1	14:01	9.00	8.32	32.80	22.44	4.94	11	0.286	E	/
M1	20221203	Cloudy	Moderate	Mid-Flood	Middle	3.5	14:00	8.93	8.28	32.60	22.41	4.75	7	0.278	E	/
M1	20221203	Cloudy	Moderate	Mid-Flood	Middle	3.5	14:00	8.86	8.30	32.73	22.57	5.11	8	0.267	SE	/
M1	20221203	Cloudy	Moderate	Mid-Flood	Bottom	6	13:59	9.02	8.30	32.67	22.44	5.04	6	0.303	E	/
M1	20221203	Cloudy	Moderate	Mid-Flood	Bottom	6	13:59	8.93	8.30	32.65	22.56	4.85	5	0.299	SE	/
M2	20221203	Cloudy	Moderate	Mid-Flood	Surface	1	14:18	8.94	8.25	33.21	22.58	4.36	11	0.311	SE	/
M2	20221203	Cloudy	Moderate	Mid-Flood	Surface	1	14:18	8.93	8.26	33.20	22.52	4.43	13	0.267	SE	/
M2	20221203	Cloudy	Moderate	Mid-Flood	Middle	6.65	14:17	9.02	8.23	33.21	22.49	4.32	11	0.271	SE	/
M2	20221203	Cloudy	Moderate	Mid-Flood	Middle	6.65	14:17	8.99	8.30	33.17	22.55	4.59	14	0.309	SE	/
M2	20221203	Cloudy	Moderate	Mid-Flood	Bottom	12.3	14:16	9.01	8.24	33.24	22.50	4.50	11	0.270	E	/
M2	20221203	Cloudy	Moderate	Mid-Flood	Bottom	12.3	14:16	8.97	8.30	33.08	22.55	4.70	11	0.288	SE	/
M3	20221203	Cloudy	Moderate	Mid-Flood	Surface	1	13:45	9.11	8.26	32.59	22.49	4.48	2.5	0.310	SE	/
M3	20221203	Cloudy	Moderate	Mid-Flood	Surface	1	13:45	9.09	8.27	32.66	22.47	4.75	2.5	0.289	SE	/
M3	20221203	Cloudy	Moderate	Mid-Flood	Middle	3.25	13:44	9.09	8.23	32.66	22.60	4.53	13	0.294	SE	/
M3	20221203	Cloudy	Moderate	Mid-Flood	Middle	3.25	13:44	9.14	8.28	32.68	22.60	4.57	12	0.281	SE	/
M3	20221203	Cloudy	Moderate	Mid-Flood	Bottom	5.5	13:43	9.06	8.25	32.66	22.57	4.34	11	0.271	SE	/
M3	20221203	Cloudy	Moderate	Mid-Flood	Bottom	5.5	13:43	9.14	8.27	32.66	22.62	4.82	11	0.308	SE	/
M4	20221203	Cloudy	Moderate	Mid-Flood	Surface	1	15:03	8.90	8.25	31.98	22.59	4.62	7	0.276	E	/
M4	20221203	Cloudy	Moderate	Mid-Flood	Surface	1	15:03	8.97	8.28	31.91	22.52	4.52	9	0.303	SE	/
M4	20221203	Cloudy	Moderate	Mid-Flood	Bottom	3.7	15:02	8.87	8.25	31.85	22.61	5.23	8	0.263	SE	/
M4	20221203	Cloudy	Moderate	Mid-Flood	Bottom	3.7	15:02	9.03	8.28	31.94	22.63	4.60	7	0.305	SE	/
C1	20221206	Cloudy	Moderate	Mid-Flood	Surface	1	16:05	8.45	8.33	32.28	22.11	5.10	5	0.266	E	/
C1	20221206	Cloudy	Moderate	Mid-Flood	Surface	1	16:05	8.34	8.35	32.37	22.16	4.73	3	0.291	SE	/
C1	20221206	Cloudy	Moderate	Mid-Flood	Middle	10	16:04	8.32	8.33	32.30	22.22	4.79	13	0.269	SE	/
C1	20221206	Cloudy	Moderate	Mid-Flood	Middle	10	16:04	8.42	8.31	32.48	22.10	5.13	10	0.299	SE	/
C1	20221206	Cloudy	Moderate	Mid-Flood	Bottom	19	16:03	8.33	8.35	32.46	22.21	4.99	11	0.282	SE	/
C1	20221206	Cloudy	Moderate	Mid-Flood	Bottom	19	16:03	8.40	8.35	32.32	22.14	5.11	12	0.287	E	/
C2	20221206	Cloudy	Moderate	Mid-Flood	Surface	1	14:59	8.36	8.27	32.28	22.14	5.41	16	0.270	SE	/
C2	20221206	Cloudy	Moderate	Mid-Flood	Surface	1	14:59	8.42	8.28	32.26	22.08	5.30	14	0.296	SE	/
C2	20221206	Cloudy	Moderate	Mid-Flood	Middle	12.15	14:58	8.41	8.30	32.26	22.08	5.51	14	0.305	SE	/
C2	20221206	Cloudy	Moderate	Mid-Flood	Middle	12.15	14:58	8.47	8.33	32.25	22.07	5.45	13	0.305	SE	/
C2	20221206	Cloudy	Moderate	Mid-Flood	Bottom	23.3	14:57	8.34	8.28	32.44	22.14	5.99	9	0.293	SE	/
C2	20221206	Cloudy	Moderate	Mid-Flood	Bottom	23.3	14:57	8.42	8.32	32.16	22.07	5.69	10	0.297	SE	/
M1	20221206	Cloudy	Moderate	Mid-Flood	Surface	1	15:30	8.93	8.29	32.10	21.98	3.92	16	0.309	E	/
M1	20221206	Cloudy	Moderate	Mid-Flood	Surface	1	15:30	8.81	8.32	32.03	21.96	4.11	14	0.300	E	/
M1	20221206	Cloudy	Moderate	Mid-Flood	Middle	3.7	15:29	8.90	8.31	32.02	22.08	4.31	14	0.303	SE	/
M1	20221206	Cloudy	Moderate	Mid-Flood	Middle	3.7	15:29	8.91	8.32	32.24	21.99	4.59	15	0.267	SE	/
M1	20221206	Cloudy	Moderate	Mid-Flood	Bottom	6.4	15:28	8.86	8.35							

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C2	20221208	Cloudy	Moderate	Mid-Flood	Middle	12.3	8:01	8.53	8.30	32.92	22.40	5.15	14	0.294	E	/
C2	20221208	Cloudy	Moderate	Mid-Flood	Bottom	23.6	8:00	8.43	8.32	32.78	22.44	5.43	9	0.274	SE	/
C2	20221208	Cloudy	Moderate	Mid-Flood	Bottom	23.6	8:00	8.53	8.28	32.78	22.31	5.29	10	0.303	SE	/
M1	20221208	Cloudy	Moderate	Mid-Flood	Surface	1	8:32	9.06	8.22	33.19	22.08	5.13	2.5	0.286	SE	/
M1	20221208	Cloudy	Moderate	Mid-Flood	Surface	1	8:32	9.10	8.23	33.08	22.04	5.23	2.5	0.272	E	/
M1	20221208	Cloudy	Moderate	Mid-Flood	Middle	3.7	8:31	9.11	8.20	33.17	22.17	5.14	12	0.266	E	/
M1	20221208	Cloudy	Moderate	Mid-Flood	Middle	3.7	8:31	9.15	8.22	33.25	22.11	5.29	14	0.272	SE	/
M1	20221208	Cloudy	Moderate	Mid-Flood	Bottom	6.4	8:30	9.06	8.24	33.15	22.05	4.98	9	0.277	SE	/
M1	20221208	Cloudy	Moderate	Mid-Flood	Bottom	6.4	8:30	9.09	8.24	33.28	22.20	5.21	7	0.281	E	/
M2	20221208	Cloudy	Moderate	Mid-Flood	Surface	1	8:49	8.47	8.34	33.05	22.34	4.07	2.5	0.305	E	/
M2	20221208	Cloudy	Moderate	Mid-Flood	Surface	1	8:49	8.48	8.32	33.12	22.35	3.90	4	0.296	SE	/
M2	20221208	Cloudy	Moderate	Mid-Flood	Middle	6.75	8:48	8.42	8.35	32.97	22.33	3.81	11	0.272	SE	/
M2	20221208	Cloudy	Moderate	Mid-Flood	Middle	6.75	8:48	8.44	8.38	32.92	22.32	3.65	11	0.306	SE	/
M2	20221208	Cloudy	Moderate	Mid-Flood	Bottom	12.5	8:47	8.45	8.36	32.97	22.26	3.99	10	0.281	SE	/
M2	20221208	Cloudy	Moderate	Mid-Flood	Bottom	12.5	8:47	8.54	8.36	33.00	22.23	4.14	10	0.308	SE	/
M3	20221208	Cloudy	Moderate	Mid-Flood	Surface	1	8:17	8.45	8.26	32.03	22.11	4.22	7	0.303	SE	/
M3	20221208	Cloudy	Moderate	Mid-Flood	Surface	1	8:17	8.45	8.26	32.10	22.08	4.46	9	0.295	E	/
M3	20221208	Cloudy	Moderate	Mid-Flood	Middle	3.7	8:16	8.37	8.28	31.94	22.16	4.37	6	0.299	SE	/
M3	20221208	Cloudy	Moderate	Mid-Flood	Middle	3.7	8:16	8.54	8.27	32.05	22.04	4.41	9	0.269	E	/
M3	20221208	Cloudy	Moderate	Mid-Flood	Bottom	6.4	8:15	8.42	8.27	31.95	22.11	4.60	11	0.272	E	/
M3	20221208	Cloudy	Moderate	Mid-Flood	Bottom	6.4	8:15	8.46	8.22	32.15	22.20	4.36	11	0.263	SE	/
M4	20221208	Cloudy	Moderate	Mid-Flood	Surface	1	9:34	8.96	8.28	33.04	22.26	4.83	6	0.296	E	/
M4	20221208	Cloudy	Moderate	Mid-Flood	Surface	1	9:34	9.01	8.27	32.95	22.21	4.97	4	0.292	E	/
M4	20221208	Cloudy	Moderate	Mid-Flood	Bottom	3.5	9:33	8.88	8.26	32.91	22.26	5.32	10	0.280	SE	/
M4	20221208	Cloudy	Moderate	Mid-Flood	Bottom	3.5	9:33	9.02	8.26	33.04	22.18	5.01	10	0.280	SE	/
C1	20221210	Cloudy	Moderate	Mid-Flood	Surface	1	9:11	8.87	8.32	32.38	22.19	5.56	2.5	0.272	SE	/
C1	20221210	Cloudy	Moderate	Mid-Flood	Surface	1	9:11	8.79	8.30	32.20	22.29	5.40	2.5	0.263	E	/
C1	20221210	Cloudy	Moderate	Mid-Flood	Middle	11.5	9:10	8.93	8.29	32.21	22.29	5.70	3	0.295	E	/
C1	20221210	Cloudy	Moderate	Mid-Flood	Middle	11.5	9:10	8.97	8.30	32.18	22.17	5.92	4	0.280	SE	/
C1	20221210	Cloudy	Moderate	Mid-Flood	Bottom	22	9:09	8.88	8.31	32.21	22.16	5.90	8	0.295	SE	/
C1	20221210	Cloudy	Moderate	Mid-Flood	Bottom	22	9:09	8.89	8.29	32.33	22.17	5.72	7	0.264	E	/
C2	20221210	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.98	8.30	31.71	22.31	5.86	3	0.270	E	/
C2	20221210	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	9.10	8.30	31.71	22.31	6.09	5	0.265	E	/
C2	20221210	Cloudy	Moderate	Mid-Flood	Middle	11.65	8:01	9.17	8.30	31.58	22.25	6.63	2.5	0.297	E	/
C2	20221210	Cloudy	Moderate	Mid-Flood	Middle	11.65	8:01	9.13	8.30	31.70	22.27	6.60	3	0.275	SE	/
C2	20221210	Cloudy	Moderate	Mid-Flood	Bottom	22.3	8:00	9.07	8.29	31.65	22.30	6.38	2.5	0.267	E	/
C2	20221210	Cloudy	Moderate	Mid-Flood	Bottom	22.3	8:00	9.03	8.31	31.59	22.27	6.44	2.5	0.306	SE	/
M1	20221210	Cloudy	Moderate	Mid-Flood	Surface	1	8:35	8.64	8.21	31.80	22.25	3.89	3	0.285	SE	/
M1	20221210	Cloudy	Moderate	Mid-Flood	Surface	1	8:35	8.53	8.24	31.75	22.18	3.67	2.5	0.299	SE	/
M1	20221210	Cloudy	Moderate	Mid-Flood	Middle	3.7	8:34	8.52	8.23	31.86	22.17	4.03	2.5	0.264	SE	/
M1	20221210	Cloudy	Moderate	Mid-Flood	Middle	3.7	8:34	8.57	8.27	31.87	22.16	3.74	2.5	0.267	E	/
M1	20221210	Cloudy	Moderate	Mid-Flood	Bottom	6.4	8:33	8.61	8.23	31.74	22.28	4.14	2.5	0.277	E	/
M1	20221210	Cloudy	Moderate	Mid-Flood	Bottom	6.4	8:33	8.64	8.26	31.73	22.13	3.78	2.5	0.270	SE	/
M2	20221210	Cloudy	Moderate	Mid-Flood	Surface	1	8:52	8.51	8.23	32.87	22.13	4.52	2.5	0.294	E	/
M2	20221210	Cloudy	Moderate	Mid-Flood	Surface	1	8:52	8.42	8.28	32.79	22.24	4.32	2.5	0.292	E	/
M2	20221210	Cloudy	Moderate	Mid-Flood	Middle	6.05	8:51	8.41	8.25	32.76	22.20	4.36	2.5	0.311	E	/
M2	20221210	Cloudy	Moderate	Mid-Flood	Middle	6.05	8:51	8.47	8.28	32.83	22.22	4.57	2.5	0.296	SE	/
M2	20221210	Cloudy	Moderate	Mid-Flood	Bottom	11.1	8:50	8.42	8.26	32.74	22.25	4.27	2.5	0.302	SE	/
M2	20221210	Cloudy	Moderate	Mid-Flood	Bottom	11.1	8:50	8.44	8.27	32.71	22.20	4.38	2.5	0.295	E	/
M3	20221210	Cloudy	Moderate	Mid-Flood	Surface	1	8:18	8.56	8.23	32.47	22.25	5.05	6	0.275	E	/
M3	20221210	Cloudy	Moderate	Mid-Flood	Surface	1	8:18	8.39	8.27	32.31	22.31	5.22	5	0.271	SE	/
M3	20221210	Cloudy	Moderate	Mid-Flood	Middle	3.65	8:17	8.39	8.23	32.40	22.24	5.44	2.5	0.277	SE	/
M3	20221210	Cloudy	Moderate	Mid-Flood	Middle	3.65	8:17	8.56	8.26	32.27	22.23	4.97	3	0.274	SE	/
M3	20221210	Cloudy	Moderate	Mid-Flood	Bottom	6.3	8:16	8.55	8.22	32.27	22.14	5.44	2.5	0.310	E	/
M3	20221210	Cloudy	Moderate	Mid-Flood	Bottom	6.3	8:16	8.56	8.27	32.44	22.19	5.44	4	0.291	SE	/
M4	20221210	Cloudy	Moderate	Mid-Flood	Surface	1	9:31	8.97	8.24	32.38	22.17	4.19	2.5	0.283	SE	/
M4	20221210	Cloudy	Moderate	Mid-Flood	Surface	1	9:31	9.03	8.26	32.55	22.29	4.33	2.5	0.289	E	/
M4	20221210	Cloudy	Moderate	Mid-Flood	Bottom	3.9	9:30	9.05	8.25	32.51	22.29	4.05	2.5	0.275	E	/
M4	20221210	Cloudy	Moderate	Mid-Flood	Bottom	3.9	9:30	9.05	8.26	32.46	22.22	3.95	2.5	0.268	E	/
C1	20221212	Cloudy	Moderate	Mid-Flood	Surface	1	9:23	8.40	8.24	32.44	22.21	3.73	4	0.300	SE	/
C1	20221212	Cloudy	Moderate	Mid-Flood	Surface	1	9:23	8.42	8.26	32.51	22.26	3.99	2.5	0.269	SE	/
C1	20221212	Cloudy	Moderate	Mid-Flood	Middle	11.45	9:22	8.30	8.23	32.38	22.14	3.87	2.5	0.304	SE	/
C1	20221212	Cloudy	Moderate	Mid-Flood	Middle	11.45	9:22	8.43	8.28	32.49	22.16	4.06	3	0.291	E	/
C1	20221212	Cloudy	Moderate	Mid-Flood	Bottom	21.9	9:21	8.41	8.21	32.45	22.20	4.38	4	0.279	SE	/
C1	20221212	Cloudy	Moderate	Mid-Flood	Bottom	21.9	9:21	8.35	8.22	32.43	22.21	4.27	2.5	0.278	SE	/
C2	20221212	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.33	8.29	32.50	22.13	4.40	3	0.272	SE	/
C2	20221212	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.35	8.22	32.32	22.19	4.16	2.5	0.287	SE	/
C2	20221212	Cloudy	Moderate	Mid-Flood	Middle	12.25	8:01	8.27	8.28	32.37	22.07	4.62	2.5	0.311	SE	/
C2	20221212	Cloudy	Moderate	Mid-Flood	Middle	12.25	8:01	8.25	8.24	32.49	22.14	4.18	3	0.306	SE	/
C2	20221212	Cloudy	Moderate	Mid-Flood	Bottom	23.5	8:00	8.33	8.27	32.48	22.19	4.78	2.5	0.293	E	/
C2	20221212	Cloudy	Moderate	Mid-Flood	Bottom	23.5	8:00	8.31	8.21	32.53	22.04	5.03	2.5	0.297	E	/
M1	20221212	Cloudy	Moderate	Mid-Flood	Surface	1	8:42	8.29	8.28	32.57	22.17	4.41	3	0.289	E	/
M1	20221212	Cloudy	Moderate	Mid-Flood	Surface	1	8:42	8.27	8.29	32.76	22.12	3.92	5	0.310	E	/
M1	20221212	Cloudy	Moderate	Mid-Flood	Middle	3.45	8:41	8.35	8.27	32.69	22.28	3.95	3	0.306	SE	/
M1	20221212	Cloudy	Moderate	Mid-Flood	Middle	3.45	8:41	8.30	8.29	32.62	22.15	4.28	2.5	0.265	SE	/
M1	20221212	Cloudy	Moderate	Mid-Flood	Bottom	5.9	8:40	8.32	8.26	32.71	22.22	4.46	2.5	0.296	E	/
M1	20221212	Cloudy	Moderate	Mid-Flood	Bottom	5.9	8:40	8.37	8.27	32.68	22.28	3.99	3	0.264	E	/
M2	20221212	Cloudy	Moderate	Mid-Flood	Surface	1	9:01	9.14	8.26	33.47	22.11	3.53	2.5	0.302	E	/
M2	20221212	Cloudy	Moderate	Mid-Flood	Surface	1	9:01	9.15	8.28	33.51	22.24	3.81	2.5	0.286	E	/
M2	20221212	Cloudy	Moderate	Mid-Flood	Middle	6.55	9:00	9.03	8.23	33.44	22.14	3.77	4	0.273	SE	/
M2	20221212	Cloudy	Moderate	Mid-Flood	Middle	6.55	9:00	9.09	8.23	33.37	22.05	3.52	2.5	0.281	SE	/
M2	20221212	Cloudy	Moderate	Mid-Flood	Bottom	12.1	8:59	9.14	8.25	33.53	22.20	3.62	2.5	0.276	SE	/
M2	20221212	Cloudy	Moderate	Mid-Flood	Bottom	12.1	8:59	9.09	8.21	33.53	22.26	3.58	2.5	0.288	SE	/
M3	20221212	Cloudy	Moderate	Mid-Flood	Surface	1	8:21	8.96	8.29	33.08	22.19	3.16	3	0.301	SE	/
M3	20221212	Cloudy	Moderate	Mid-Flood	Surface	1	8:21	8.98	8.34	33.11	22.01	2.98	2.5	0.269	SE	/
M3</																

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
M2	20221215	Cloudy	Moderate	Mid-Flood	Surface	1	15:20	8.41	8.25	32.20	21.03	4.06	3	0.271	E	/
M2	20221215	Cloudy	Moderate	Mid-Flood	Surface	1	15:20	8.41	8.29	32.18	20.86	3.90	5	0.274	E	/
M2	20221215	Cloudy	Moderate	Mid-Flood	Middle	7.05	15:19	8.36	8.26	32.02	20.97	4.20	4	0.272	SE	/
M2	20221215	Cloudy	Moderate	Mid-Flood	Middle	7.05	15:19	8.42	8.29	32.02	20.89	4.18	2.5	0.308	SE	/
M2	20221215	Cloudy	Moderate	Mid-Flood	Bottom	13.1	15:18	8.42	8.23	32.12	20.99	4.36	2.5	0.289	SE	/
M2	20221215	Cloudy	Moderate	Mid-Flood	Bottom	13.1	15:18	8.36	8.29	32.34	20.89	4.36	2.5	0.292	E	/
M3	20221215	Cloudy	Moderate	Mid-Flood	Surface	1	14:45	8.82	8.29	31.52	21.07	4.10	2.5	0.276	E	/
M3	20221215	Cloudy	Moderate	Mid-Flood	Surface	1	14:45	8.81	8.27	31.25	20.93	4.53	2.5	0.282	SE	/
M3	20221215	Cloudy	Moderate	Mid-Flood	Middle	3.4	14:44	8.85	8.26	31.26	21.05	4.47	3	0.295	SE	/
M3	20221215	Cloudy	Moderate	Mid-Flood	Middle	3.4	14:44	8.89	8.26	31.29	20.93	4.06	4	0.275	SE	/
M3	20221215	Cloudy	Moderate	Mid-Flood	Bottom	5.8	14:43	8.80	8.21	31.17	20.96	4.50	2.5	0.286	SE	/
M3	20221215	Cloudy	Moderate	Mid-Flood	Bottom	5.8	14:43	8.88	8.25	31.17	21.05	4.52	2.5	0.295	E	/
M4	20221215	Cloudy	Moderate	Mid-Flood	Surface	1	15:55	8.49	8.27	32.07	21.02	3.89	4	0.310	E	/
M4	20221215	Cloudy	Moderate	Mid-Flood	Surface	1	15:55	8.55	8.27	31.81	20.97	4.05	3	0.295	SE	/
M4	20221215	Cloudy	Moderate	Mid-Flood	Bottom	3.8	15:54	8.44	8.27	31.93	20.95	4.07	2.5	0.270	SE	/
M4	20221215	Cloudy	Moderate	Mid-Flood	Bottom	3.8	15:54	8.49	8.21	31.94	21.00	4.22	3	0.309	E	/
C1	20221217	Cloudy	Moderate	Mid-Flood	Surface	1	13:11	8.30	8.26	32.44	21.57	5.06	4	0.304	SE	/
C1	20221217	Cloudy	Moderate	Mid-Flood	Surface	1	13:11	8.29	8.28	32.39	21.53	5.17	5	0.265	E	/
C1	20221217	Cloudy	Moderate	Mid-Flood	Middle	10.4	13:10	8.31	8.23	32.42	21.61	4.96	3	0.289	E	/
C1	20221217	Cloudy	Moderate	Mid-Flood	Middle	10.4	13:10	8.39	8.27	32.32	21.62	4.88	3	0.303	E	/
C1	20221217	Cloudy	Moderate	Mid-Flood	Bottom	19.8	13:09	8.40	8.27	32.36	21.60	5.05	2.5	0.298	SE	/
C1	20221217	Cloudy	Moderate	Mid-Flood	Bottom	19.8	13:09	8.39	8.27	32.44	21.53	5.26	2.5	0.291	E	/
C2	20221217	Cloudy	Moderate	Mid-Flood	Surface	1	12:09	8.59	8.34	32.01	21.49	5.84	2.5	0.311	SE	/
C2	20221217	Cloudy	Moderate	Mid-Flood	Surface	1	12:09	8.64	8.37	32.08	21.47	6.02	5	0.282	SE	/
C2	20221217	Cloudy	Moderate	Mid-Flood	Middle	12.7	12:08	8.61	8.34	32.11	21.49	5.98	4	0.310	SE	/
C2	20221217	Cloudy	Moderate	Mid-Flood	Middle	12.7	12:08	8.66	8.34	32.07	21.47	6.22	2.5	0.306	E	/
C2	20221217	Cloudy	Moderate	Mid-Flood	Bottom	24.4	12:07	8.67	8.34	32.10	21.47	6.60	3	0.268	SE	/
C2	20221217	Cloudy	Moderate	Mid-Flood	Bottom	24.4	12:07	8.57	8.35	31.99	21.47	6.64	2.5	0.269	SE	/
M1	20221217	Cloudy	Moderate	Mid-Flood	Surface	1	12:37	8.23	8.24	32.58	21.54	4.80	2.5	0.269	E	/
M1	20221217	Cloudy	Moderate	Mid-Flood	Surface	1	12:37	8.19	8.27	32.46	21.58	5.12	2.5	0.304	SE	/
M1	20221217	Cloudy	Moderate	Mid-Flood	Middle	3.4	12:36	8.18	8.24	32.51	21.57	4.96	3	0.280	SE	/
M1	20221217	Cloudy	Moderate	Mid-Flood	Middle	3.4	12:36	8.23	8.26	32.42	21.55	4.65	3	0.306	SE	/
M1	20221217	Cloudy	Moderate	Mid-Flood	Bottom	5.8	12:35	8.19	8.22	32.44	21.55	4.96	3	0.266	E	/
M1	20221217	Cloudy	Moderate	Mid-Flood	Bottom	5.8	12:35	8.14	8.27	32.44	21.57	4.82	2.5	0.276	SE	/
M2	20221217	Cloudy	Moderate	Mid-Flood	Surface	1	12:53	8.26	8.28	31.92	21.63	4.40	3	0.296	SE	/
M2	20221217	Cloudy	Moderate	Mid-Flood	Surface	1	12:53	8.44	8.31	31.96	21.58	4.16	3	0.269	SE	/
M2	20221217	Cloudy	Moderate	Mid-Flood	Middle	6	12:52	8.27	8.31	32.04	21.63	4.16	2.5	0.295	SE	/
M2	20221217	Cloudy	Moderate	Mid-Flood	Middle	6	12:52	8.26	8.34	32.04	21.58	4.22	4	0.280	E	/
M2	20221217	Cloudy	Moderate	Mid-Flood	Bottom	11	12:51	8.21	8.29	32.06	21.58	4.01	3	0.281	E	/
M2	20221217	Cloudy	Moderate	Mid-Flood	Bottom	11	12:51	8.27	8.29	32.00	21.67	4.05	5	0.301	SE	/
M3	20221217	Cloudy	Moderate	Mid-Flood	Surface	1	12:22	8.37	8.24	32.21	21.54	4.83	2.5	0.280	SE	/
M3	20221217	Cloudy	Moderate	Mid-Flood	Surface	1	12:22	8.35	8.25	32.22	21.54	4.55	2.5	0.265	SE	/
M3	20221217	Cloudy	Moderate	Mid-Flood	Middle	3.45	12:21	8.36	8.23	32.30	21.54	4.91	2.5	0.264	SE	/
M3	20221217	Cloudy	Moderate	Mid-Flood	Middle	3.45	12:21	8.38	8.26	32.24	21.58	4.79	3	0.298	SE	/
M3	20221217	Cloudy	Moderate	Mid-Flood	Bottom	5.9	12:20	8.37	8.26	32.19	21.53	4.70	2.5	0.288	SE	/
M3	20221217	Cloudy	Moderate	Mid-Flood	Bottom	5.9	12:20	8.28	8.28	32.19	21.53	4.58	2.5	0.271	E	/
M4	20221217	Cloudy	Moderate	Mid-Flood	Surface	1	13:32	8.40	8.24	32.74	21.46	4.36	2.5	0.302	SE	/
M4	20221217	Cloudy	Moderate	Mid-Flood	Surface	1	13:32	8.46	8.27	32.68	21.48	4.73	2.5	0.299	SE	/
M4	20221217	Cloudy	Moderate	Mid-Flood	Bottom	4.3	13:31	8.48	8.26	32.78	21.45	4.55	2.5	0.311	E	/
M4	20221217	Cloudy	Moderate	Mid-Flood	Bottom	4.3	13:31	8.47	8.27	32.73	21.47	4.62	2.5	0.300	SE	/
C1	20221220	Cloudy	Moderate	Mid-Flood	Surface	1	14:51	8.58	8.14	30.83	21.72	3.04	2.5	0.291	SE	/
C1	20221220	Cloudy	Moderate	Mid-Flood	Surface	1	14:51	8.55	8.21	30.81	21.70	2.90	3	0.307	SE	/
C1	20221220	Cloudy	Moderate	Mid-Flood	Middle	11.05	14:50	8.63	8.14	30.79	21.68	3.07	5	0.284	SE	/
C1	20221220	Cloudy	Moderate	Mid-Flood	Middle	11.05	14:50	8.63	8.17	30.94	21.64	3.14	3	0.301	SE	/
C1	20221220	Cloudy	Moderate	Mid-Flood	Bottom	21.1	14:49	8.56	8.19	30.85	21.65	3.08	4	0.302	SE	/
C1	20221220	Cloudy	Moderate	Mid-Flood	Bottom	21.1	14:49	8.58	8.18	30.93	21.71	2.80	3	0.278	E	/
C2	20221220	Cloudy	Moderate	Mid-Flood	Surface	1	13:47	8.04	8.25	30.11	21.93	3.24	3	0.302	E	/
C2	20221220	Cloudy	Moderate	Mid-Flood	Surface	1	13:47	7.96	8.22	30.12	22.02	3.33	3	0.310	SE	/
C2	20221220	Cloudy	Moderate	Mid-Flood	Middle	11.25	13:46	7.97	8.19	30.23	22.06	3.27	3	0.264	SE	/
C2	20221220	Cloudy	Moderate	Mid-Flood	Middle	11.25	13:46	7.99	8.19	30.26	22.05	3.37	4	0.272	SE	/
C2	20221220	Cloudy	Moderate	Mid-Flood	Bottom	21.5	13:45	8.05	8.24	30.24	22.06	3.49	4	0.301	E	/
C2	20221220	Cloudy	Moderate	Mid-Flood	Bottom	21.5	13:45	8.02	8.23	30.32	22.06	3.68	5	0.282	SE	/
M1	20221220	Cloudy	Moderate	Mid-Flood	Surface	1	14:18	8.09	8.22	29.86	21.85	3.30	4	0.267	SE	/
M1	20221220	Cloudy	Moderate	Mid-Flood	Surface	1	14:18	8.08	8.24	29.73	21.82	3.08	6	0.267	E	/
M1	20221220	Cloudy	Moderate	Mid-Flood	Middle	3.25	14:17	8.10	8.20	29.65	21.77	3.04	2.5	0.309	SE	/
M1	20221220	Cloudy	Moderate	Mid-Flood	Middle	3.25	14:17	8.08	8.21	29.90	21.85	2.93	4	0.276	SE	/
M1	20221220	Cloudy	Moderate	Mid-Flood	Bottom	5.5	14:16	8.09	8.25	29.91	21.85	3.18	3	0.277	E	/
M1	20221220	Cloudy	Moderate	Mid-Flood	Bottom	5.5	14:16	8.11	8.17	29.77	21.81	2.83	4	0.288	E	/
M2	20221220	Cloudy	Moderate	Mid-Flood	Surface	1	14:34	7.92	8.31	30.44	21.86	2.88	3	0.284	SE	/
M2	20221220	Cloudy	Moderate	Mid-Flood	Surface	1	14:34	7.95	8.30	30.48	21.84	2.80	5	0.279	SE	/
M2	20221220	Cloudy	Moderate	Mid-Flood	Middle	6	14:33	7.95	8.35	30.32	21.81	2.92	3	0.288	SE	/
M2	20221220	Cloudy	Moderate	Mid-Flood	Middle	6	14:33	7.91	8.34	30.53	21.94	3.16	4	0.295	E	/
M2	20221220	Cloudy	Moderate	Mid-Flood	Bottom	11	14:32	7.93	8.34	30.54	21.82	2.93	5	0.274	SE	/
M2	20221220	Cloudy	Moderate	Mid-Flood	Bottom	11	14:32	7.95	8.29	30.32	21.85	3.31	4	0.282	SE	/
M3	20221220	Cloudy	Moderate	Mid-Flood	Surface	1	14:03	8.73	8.19	30.78	21.91	3.22	6	0.281	SE	/
M3	20221220	Cloudy	Moderate	Mid-Flood	Surface	1	14:03	8.74	8.22	30.66	21.81	3.02	4	0.268	E	/
M3	20221220	Cloudy	Moderate	Mid-Flood	Middle	3.8	14:02	8.64	8.23	30.62	21.84	2.79	4	0.266	SE	/
M3	20221220	Cloudy	Moderate	Mid-Flood	Middle	3.8	14:02	8.66	8.18	30.84	21.80	2.93	4	0.301	SE	/
M3	20221220	Cloudy	Moderate	Mid-Flood	Bottom	6.6	14:01	8.66	8.16	30.83	21.84	2.91	3	0.303	SE	/
M3	20221220	Cloudy	Moderate	Mid-Flood	Bottom	6.6	14:01	8.73	8.24	30.82	21.77	2.94	4	0.287	E	/
M4	20221220	Cloudy	Moderate	Mid-Flood	Surface	1	15:12	7.89	8.32	31.03	21.97	2.92	3	0.269	E	/
M4	20221220	Cloudy	Moderate	Mid-Flood	Surface	1	15:12	7.88	8.31	30.93	21.97	2.82	4	0.298	E	/
M4	20221220	Cloudy	Moderate	Mid-Flood	Bottom	4.4	15:11	7.90	8.38	30.87	21.89	3.05	3	0.298	SE	/
M4	20221220	Cloudy	Moderate	Mid-Flood	Bottom	4.4	15:11	7.93	8.33	30.78	21.96	2.81	4	0.277	E	/
C1	20221222	Sunny	Moderate	Mid-Flood	Surface	1	15:46	8.98	8.13	32.23	20.98	4.39	4</			

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (?)	Turbidity (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
M3	20221222	Sunny	Moderate	Mid-Flood	Middle	3.65	14:52	8.22	8.26	32.08	21.04	4.31	8	0.269	SE	/
M3	20221222	Sunny	Moderate	Mid-Flood	Bottom	6.3	14:51	8.21	8.31	32.02	21.09	4.29	7	0.263	SE	/
M3	20221222	Sunny	Moderate	Mid-Flood	Bottom	6.3	14:51	8.23	8.25	32.04	21.05	4.26	7	0.290	SE	/
M4	20221222	Sunny	Moderate	Mid-Flood	Surface	1	16:04	8.86	8.29	31.04	21.03	4.36	5	0.265	E	/
M4	20221222	Sunny	Moderate	Mid-Flood	Surface	1	16:04	8.88	8.31	31.04	21.02	3.94	5	0.307	SE	/
M4	20221222	Sunny	Moderate	Mid-Flood	Bottom	4.2	16:03	8.77	8.29	31.14	20.91	3.92	3	0.304	SE	/
M4	20221222	Sunny	Moderate	Mid-Flood	Bottom	4.2	16:03	8.85	8.27	31.04	20.94	3.91	6	0.274	E	/
C1	20221224	Cloudy	Moderate	Mid-Flood	Surface	1	9:21	8.39	8.12	32.14	21.06	5.13	2.5	0.295	SE	/
C1	20221224	Cloudy	Moderate	Mid-Flood	Surface	1	9:21	8.41	8.13	32.15	21.08	5.26	2.5	0.31	SE	/
C1	20221224	Cloudy	Moderate	Mid-Flood	Middle	10.45	9:20	8.45	8.12	32.21	21.13	4.91	2.5	0.286	SE	/
C1	20221224	Cloudy	Moderate	Mid-Flood	Middle	10.45	9:20	8.4	8.1	32.24	21.09	5.04	3	0.268	SE	/
C1	20221224	Cloudy	Moderate	Mid-Flood	Bottom	19.9	9:19	8.38	8.11	32.19	21.16	5.63	2.5	0.311	SE	/
C1	20221224	Cloudy	Moderate	Mid-Flood	Bottom	19.9	9:19	8.35	8.11	32.17	21.10	5.28	2.5	0.296	SE	/
C2	20221224	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.29	8.31	32.85	20.83	5.88	6	0.265	SE	/
C2	20221224	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	8.26	8.36	32.97	20.82	5.89	6	0.264	SE	/
C2	20221224	Cloudy	Moderate	Mid-Flood	Middle	12.8	8:01	8.34	8.3	32.85	20.86	5.67	2.5	0.267	E	/
C2	20221224	Cloudy	Moderate	Mid-Flood	Middle	12.8	8:01	8.3	8.34	32.77	20.75	5.87	2.5	0.296	SE	/
C2	20221224	Cloudy	Moderate	Mid-Flood	Bottom	24.6	8:00	8.29	8.3	32.84	20.75	6.01	2.5	0.305	SE	/
C2	20221224	Cloudy	Moderate	Mid-Flood	Bottom	24.6	8:00	8.3	8.36	32.96	20.83	6.01	3	0.311	SE	/
M1	20221224	Cloudy	Moderate	Mid-Flood	Surface	1	8:37	8.28	8.17	31.74	21.09	3.88	2.5	0.292	E	/
M1	20221224	Cloudy	Moderate	Mid-Flood	Surface	1	8:37	8.27	8.14	31.74	21.12	4.02	2.5	0.279	E	/
M1	20221224	Cloudy	Moderate	Mid-Flood	Middle	3.4	8:36	8.43	8.16	31.91	21.05	4.14	3	0.303	E	/
M1	20221224	Cloudy	Moderate	Mid-Flood	Middle	3.4	8:36	8.44	8.13	31.75	21.04	4.1	3	0.275	SE	/
M1	20221224	Cloudy	Moderate	Mid-Flood	Bottom	5.8	8:35	8.43	8.11	31.83	21.04	4.12	2.5	0.279	SE	/
M1	20221224	Cloudy	Moderate	Mid-Flood	Bottom	5.8	8:35	8.36	8.17	31.88	21.10	4.14	2.5	0.279	SE	/
M2	20221224	Cloudy	Moderate	Mid-Flood	Surface	1	8:56	8.98	8.12	32.17	20.83	4.78	2.5	0.311	SE	/
M2	20221224	Cloudy	Moderate	Mid-Flood	Surface	1	8:56	9.15	8.08	32.13	20.94	4.75	3	0.301	SE	/
M2	20221224	Cloudy	Moderate	Mid-Flood	Middle	6.25	8:55	9.14	8.12	32.03	20.89	4.74	3	0.265	SE	/
M2	20221224	Cloudy	Moderate	Mid-Flood	Middle	6.25	8:55	9.12	8.13	32.24	20.86	4.97	2.5	0.296	SE	/
M2	20221224	Cloudy	Moderate	Mid-Flood	Bottom	11.5	8:54	9.14	8.1	32.24	20.93	5.07	2.5	0.299	SE	/
M2	20221224	Cloudy	Moderate	Mid-Flood	Bottom	11.5	8:54	9.01	8.06	32.14	20.85	4.87	2.5	0.274	E	/
M3	20221224	Cloudy	Moderate	Mid-Flood	Surface	1	8:19	8.7	8.19	32.75	21.10	3.97	2.5	0.31	E	/
M3	20221224	Cloudy	Moderate	Mid-Flood	Surface	1	8:19	8.78	8.21	32.56	21.02	3.66	2.5	0.281	E	/
M3	20221224	Cloudy	Moderate	Mid-Flood	Middle	4	8:18	8.68	8.22	32.67	21.15	3.86	2.5	0.265	SE	/
M3	20221224	Cloudy	Moderate	Mid-Flood	Middle	4	8:18	8.75	8.24	32.73	21.03	3.69	2.5	0.285	SE	/
M3	20221224	Cloudy	Moderate	Mid-Flood	Bottom	7	8:17	8.62	8.17	32.64	21.06	4.02	2.5	0.278	E	/
M3	20221224	Cloudy	Moderate	Mid-Flood	Bottom	7	8:17	8.65	8.21	32.77	21.10	3.78	2.5	0.267	SE	/
M4	20221224	Cloudy	Moderate	Mid-Flood	Surface	1	9:39	8.12	8.36	32.80	21.08	3.85	2.5	0.296	SE	/
M4	20221224	Cloudy	Moderate	Mid-Flood	Surface	1	9:39	8.2	8.37	32.99	21.02	4.03	2.5	0.295	SE	/
M4	20221224	Cloudy	Moderate	Mid-Flood	Bottom	4.6	9:38	8.11	8.33	32.80	20.97	3.83	5	0.284	SE	/
M4	20221224	Cloudy	Moderate	Mid-Flood	Bottom	4.6	9:38	8.23	8.36	32.87	20.97	3.81	7	0.294	E	/

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS	Current Velocity (m/s)	Current Direction	Remark
C1	20221227	Sunny	Moderate	Mid-Flood	Surface	1	9:45	9.1	8.22	30.96	20.86	5.34	2.5	0.272	E	/
C1	20221227	Sunny	Moderate	Mid-Flood	Surface	1	9:45	9.01	8.26	30.99	20.88	4.93	2.5	0.278	E	/
C1	20221227	Sunny	Moderate	Mid-Flood	Middle	11.25	9:44	9.09	8.22	31.03	20.89	5.21	2.5	0.279	SE	/
C1	20221227	Sunny	Moderate	Mid-Flood	Middle	11.25	9:44	9	8.22	30.97	20.92	5.32	3	0.288	E	/
C1	20221227	Sunny	Moderate	Mid-Flood	Bottom	21.5	9:43	8.99	8.22	31.01	20.92	5.37	3	0.278	E	/
C1	20221227	Sunny	Moderate	Mid-Flood	Bottom	21.5	9:43	9.1	8.23	31.04	20.90	5.34	3	0.291	E	/
C2	20221227	Sunny	Moderate	Mid-Flood	Surface	1	8:29	9.16	8.22	31.61	20.74	5.7	3	0.276	E	/
C2	20221227	Sunny	Moderate	Mid-Flood	Surface	1	8:29	9.21	8.24	31.66	20.82	5.99	3	0.276	E	/
C2	20221227	Sunny	Moderate	Mid-Flood	Middle	11.5	8:28	9.18	8.22	31.79	20.77	6.09	2.5	0.274	SE	/
C2	20221227	Sunny	Moderate	Mid-Flood	Middle	11.5	8:28	9.19	8.22	31.66	20.77	6.08	3	0.265	SE	/
C2	20221227	Sunny	Moderate	Mid-Flood	Bottom	22	8:27	9.05	8.25	31.79	20.74	6.29	4	0.279	SE	/
C2	20221227	Sunny	Moderate	Mid-Flood	Bottom	22	8:27	9.1	8.21	31.61	20.76	6.1	3	0.271	E	/
M1	20221227	Sunny	Moderate	Mid-Flood	Surface	1	9:03	8.47	8.28	31.35	20.85	4.94	3	0.274	E	/
M1	20221227	Sunny	Moderate	Mid-Flood	Surface	1	9:03	8.61	8.33	31.35	20.89	5.22	4	0.308	SE	/
M1	20221227	Sunny	Moderate	Mid-Flood	Middle	3.55	9:02	8.52	8.28	31.24	20.92	5.2	3	0.298	SE	/
M1	20221227	Sunny	Moderate	Mid-Flood	Middle	3.55	9:02	8.48	8.3	31.33	20.92	5.31	3	0.29	E	/
M1	20221227	Sunny	Moderate	Mid-Flood	Bottom	6.1	9:01	8.51	8.32	31.26	20.92	4.96	3	0.291	E	/
M1	20221227	Sunny	Moderate	Mid-Flood	Bottom	6.1	9:01	8.57	8.32	31.40	20.88	5.15	3	0.308	SE	/
M2	20221227	Sunny	Moderate	Mid-Flood	Surface	1	9:21	9.31	8.33	31.36	20.92	2.75	2.5	0.294	E	/
M2	20221227	Sunny	Moderate	Mid-Flood	Surface	1	9:21	9.29	8.34	31.38	20.92	2.78	3	0.269	SE	/
M2	20221227	Sunny	Moderate	Mid-Flood	Middle	6.8	9:20	9.3	8.34	31.37	20.94	2.99	2.5	0.277	SE	/
M2	20221227	Sunny	Moderate	Mid-Flood	Middle	6.8	9:20	9.44	8.34	31.42	20.92	2.91	2.5	0.28	SE	/
M2	20221227	Sunny	Moderate	Mid-Flood	Bottom	12.6	9:19	9.3	8.32	31.36	20.86	3.21	2.5	0.277	SE	/
M2	20221227	Sunny	Moderate	Mid-Flood	Bottom	12.6	9:19	9.29	8.33	31.45	20.90	3.05	2.5	0.311	SE	/
M3	20221227	Sunny	Moderate	Mid-Flood	Surface	1	8:45	9.31	8.31	31.09	20.71	4.23	2.5	0.305	E	/
M3	20221227	Sunny	Moderate	Mid-Flood	Surface	1	8:45	9.42	8.31	31.04	20.64	4.36	2.5	0.263	SE	/
M3	20221227	Sunny	Moderate	Mid-Flood	Middle	3.55	8:44	9.32	8.34	31.08	20.73	4.42	2.5	0.277	SE	/
M3	20221227	Sunny	Moderate	Mid-Flood	Middle	3.55	8:44	9.32	8.31	31.16	20.73	4.48	2.5	0.281	E	/
M3	20221227	Sunny	Moderate	Mid-Flood	Bottom	6.1	8:43	9.42	8.29	31.05	20.65	4.08	2.5	0.294	E	/
M3	20221227	Sunny	Moderate	Mid-Flood	Bottom	6.1	8:43	9.4	8.31	31.09	20.70	4.44	2.5	0.305	E	/
M4	20221227	Sunny	Moderate	Mid-Flood	Surface	1	10:03	8.99	8.34	31.66	20.91	5.02	2.5	0.289	SE	/
M4	20221227	Sunny	Moderate	Mid-Flood	Surface	1	10:03	9.02	8.34	31.51	20.87	4.68	2.5	0.266	SE	/
M4	20221227	Sunny	Moderate	Mid-Flood	Bottom	4.2	10:02	8.93	8.34	31.66	20.91	4.86	2.5	0.305	E	/
M4	20221227	Sunny	Moderate	Mid-Flood	Bottom	4.2	10:02	8.91	8.31	31.61	20.87	4.51	2.5	0.285	SE	/
C1	20221229	Sunny	Moderate	Mid-Flood	Surface	1	11:13	8.2	8.35	31.94	21.75	5.32	2.5	0.311	SE	/
C1	20221229	Sunny	Moderate	Mid-Flood	Surface	1	11:13	8.29	8.34	32.08	21.84	4.97	2.5	0.284	E	/
C1	20221229	Sunny	Moderate	Mid-Flood	Middle	11.35	11:12	8.31	8.31	31.95	21.78	5.38	2.5	0.278	SE	/
C1	20221229	Sunny	Moderate	Mid-Flood	Middle	11.35	11:12	8.23	8.34	32.17	21.83	5.33	3	0.29	SE	/
C1	20221229	Sunny	Moderate	Mid-Flood	Bottom	21.7	11:11	8.29	8.31	32.12	21.83	5.69	2.5	0.275	E	/
C1	20221229	Sunny	Moderate	Mid-Flood	Bottom	21.7	11:11	8.23	8.34	32.17	21.85	5.25	2.5	0.289	SE	/
C2	20221229	Sunny	Moderate	Mid-Flood	Surface	1	10:07	9.03	8.21	30.90	21.80	5.3	4	0.269	SE	/
C2	20221229	Sunny	Moderate	Mid-Flood	Surface	1	10:07	9.11	8.22	30.88	21.75	5.66	5	0.279	SE	/
C2	20221229	Sunny	Moderate	Mid-Flood	Middle	12.05	10:06	9.07	8.18	30.92	21.73	5.71	2.5	0.303	SE	/
C2	20221229	Sunny	Moderate	Mid-Flood	Middle	12.05	10:06	9.04	8.19	31.08	21.72	5.83	2.5	0.267	SE	/
C2	20221229	Sunny	Moderate	Mid-Flood	Bottom	23.1	10:05	9.09	8.23	31.05	21.69	6.05	2.5	0.29	SE	/
C2	20221229	Sunny	Moderate	Mid-Flood	Bottom	23.1	10:05	9.14	8.24	31.03	21.77	5.83	3	0.307	E	/
M1	20221229	Sunny	Moderate	Mid-Flood	Surface	1	10:40	8.54	8.19	31.81	21.98	4.13	2.5	0.274	E	/
M1	20221229	Sunny	Moderate	Mid-Flood	Surface	1	10:40	8.56	8.22	31.83	22.08	3.84	2.5	0.306	SE	/
M1	20221229	Sunny	Moderate	Mid-Flood	Middle	3.25	10:39	8.52	8.21	31.74	22.08	3.92	2.5	0.297	SE	/
M1	20221229	Sunny	Moderate	Mid-Flood	Middle	3.25	10:39	8.6	8.26	31.67	22.01	4	3	0.303	SE	/
M1	20221229	Sunny	Moderate	Mid-Flood	Bottom	5.5	10:38	8.59	8.19	31.79	21.99	3.86	2.5	0.273	E	/
M1	20221229	Sunny	Moderate	Mid-Flood	Bottom	5.5	10:38	8.45	8.26	31.71	21.99	4.14	2.5	0.29	SE	/
M2	20221229	Sunny	Moderate	Mid-Flood	Surface	1	10:57	9.1	8.22	30.94	21.68	5.11	6	0.292	SE	/
M2	20221229	Sunny	Moderate	Mid-Flood	Surface	1	10:57	9.08	8.23	31.02	21.79	4.97	9	0.299	SE	/
M2	20221229	Sunny	Moderate	Mid-Flood	Middle	6.2	10:56	9.15	8.18	31.02	21.71	4.96	2.5	0.279	SE	/
M2	20221229	Sunny	Moderate	Mid-Flood	Middle	6.2	10:56	9.1	8.23	30.85	21.74	5	4	0.293	E	/
M2	20221229	Sunny	Moderate	Mid-Flood	Bottom	11.4	10:55	9.09	8.19	31.03	21.76	5.17	2.5	0.272	E	/
M2	20221229	Sunny	Moderate	Mid-Flood	Bottom	11.4	10:55	9.15	8.22	30.87	21.67	4.87	2.5	0.292	E	/
M3	20221229	Sunny	Moderate	Mid-Flood	Surface	1	10:23	9.07	8.26	32.00	21.97	3.99	2.5	0.272	E	/
M3	20221229	Sunny	Moderate	Mid-Flood	Surface	1	10:23	9.05	8.19	31.96	21.97	4.47	2.5	0.275	SE	/
M3	20221229	Sunny	Moderate	Mid-Flood	Middle	3.3	10:22	8.94	8.18	31.94	21.93	3.94	2.5	0.274	SE	/
M3	20221229	Sunny	Moderate	Mid-Flood	Middle	3.3	10:22	9.01	8.18	32.08	21.91	4.43	2.5	0.303	E	/
M3	20221229	Sunny	Moderate	Mid-Flood	Bottom	5.6	10:21	9.08	8.18	32.07	21.95	4.38	2.5	0.274	E	/
M3	20221229	Sunny	Moderate	Mid-Flood	Bottom	5.6	10:21	9.02	8.21	32.18	21.99	4.43	2.5	0.311	E	/
M4	20221229	Sunny	Moderate	Mid-Flood	Surface	1	11:31	9.05	8.21	31.77	21.81	4.02	4	0.303	SE	/
M4	20221229	Sunny	Moderate	Mid-Flood	Surface	1	11:31	9.01	8.22	31.73	21.80	4.22	7	0.279	SE	/
M4	20221229	Sunny	Moderate	Mid-Flood	Bottom	3.5	11:30	8.91	8.24	31.73	21.83	4.26	2.5	0.265	SE	/
M4	20221229	Sunny	Moderate	Mid-Flood	Bottom	3.5	11:30	9	8.18	31.75	21.85	4.13	3	0.292	SE	/
C1	20221231	Sunny	Moderate	Mid-Flood	Surface	1	12:50	8.64	8.29	32.56	22.27	3.84	5	0.284	E	/
C1	20221231	Sunny	Moderate	Mid-Flood	Surface	1	12:50	8.65	8.29	32.44	22.26	4.02	5	0.300	SE	/
C1	20221231	Sunny	Moderate	Mid-Flood	Middle	10.6	12:49	8.59	8.28	32.30	22.24	3.84	3	0.266	SE	/
C1	20221231	Sunny	Moderate	Mid-Flood	Middle	10.6	12:49	8.72	8.31	32.28	22.24	4.07	3	0.306	SE	/
C1	20221231	Sunny	Moderate	Mid-Flood	Bottom	20.2	12:48	8.77	8.26	32.49	22.25	4.33	4	0.265	SE	/
C1	20221231	Sunny	Moderate	Mid-Flood	Bottom	20.2	12:48	8.67	8.31	32.30	22.17	4.16	4	0.263	E	/
C2	20221231	Sunny	Moderate	Mid-Flood	Surface	1	11:41	9.09	8.27	33.67	22.06	4.62	3	0.263	E	/
C2	20221231	Sunny	Moderate	Mid-Flood	Surface	1	11:41	9.12	8.28	33.76	22.04	4.66	5	0.263	E	/
C2	20221231	Sunny	Moderate	Mid-Flood	Middle	12.45	11:40	9.10	8.27	33.79	22.10	4.81	3	0.295	E	/
C2	20221231	Sunny	Moderate	Mid-Flood	Middle	12.45	11:40	9.04	8.28	33.85	22.04	4.92	5	0.263	SE	/
C2	20221231	Sunny	Moderate	Mid-Flood	Bottom	23.9	11:39	9.05	8.32	33.65	22.10	5.23	3	0.310	E	/
C2	20221231	Sunny	Moderate	Mid-Flood	Bottom	23.9	11:39	9.09	8.28	33.87	22.10	5.14	5	0.286	SE	/
M1	20221231	Sunny	Moderate	Mid-Flood	Surface	1	12:15	8.28	8.29	31.45	22.31	3.37	7	0.292	SE	/
M1	20221231	Sunny	Moderate	Mid-Flood	Surface	1	12:15	8.22	8.30	31.66	22.29	3.55	6	0.263	SE	/
M1	20221231	Sunny	Moderate	Mid-Flood	Middle	3.4	12:14	8.21	8.30	31.57	22.36	3.65	4	0.263	SE	/
M1	20221231	Sunny	Moderate	Mid-Flood	Middle	3.4	12:14	8.22	8.31	31.52	22.31	3.44	4	0.310	E	/
M1	20221231	Sunny	Moderate	Mid-Flood	Bottom	5.8	12:13	8.36	8.24	31.49	22.31	3.55	5	0.283	SE	/
M1	20221231	Sunny	Moderate	Mid-Flood	Bottom	5.8	12:13	8.21								



