

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	20221105	Cloudy	Moderate	Mid-Ebb	Surface	1	8:17	8.54	8.28	30.57	24.78	4.6	5	0.279	SE	/
C1	20221105	Cloudy	Moderate	Mid-Ebb	Surface	1	8:17	8.66	8.29	30.69	24.80	4.53	3	0.271	E	/
C1	20221105	Cloudy	Moderate	Mid-Ebb	Middle	9.7	8:16	8.59	8.22	30.80	24.76	4.17	2.5	0.283	SE	/
C1	20221105	Cloudy	Moderate	Mid-Ebb	Middle	9.7	8:16	8.55	8.28	30.68	24.80	4.49	2.5	0.292	SE	/
C1	20221105	Cloudy	Moderate	Mid-Ebb	Bottom	18.4	8:15	8.59	8.24	30.79	24.76	4.88	5	0.277	E	/
C1	20221105	Cloudy	Moderate	Mid-Ebb	Bottom	18.4	8:15	8.56	8.27	30.65	24.82	4.73	7	0.291	E	/
C2	20221105	Cloudy	Moderate	Mid-Ebb	Surface	1	9:22	8.49	8.19	30.42	24.60	5.12	12	0.289	SE	/
C2	20221105	Cloudy	Moderate	Mid-Ebb	Surface	1	9:22	8.48	8.23	30.50	24.49	5.29	12	0.267	SE	/
C2	20221105	Cloudy	Moderate	Mid-Ebb	Middle	12.35	9:21	8.54	8.18	30.59	24.52	5.06	20	0.265	SE	/
C2	20221105	Cloudy	Moderate	Mid-Ebb	Middle	12.35	9:21	8.46	8.21	30.52	24.58	4.89	17	0.285	SE	/
C2	20221105	Cloudy	Moderate	Mid-Ebb	Bottom	23.7	9:20	8.48	8.21	30.49	24.58	5.45	17	0.266	SE	/
C2	20221105	Cloudy	Moderate	Mid-Ebb	Bottom	23.7	9:20	8.54	8.22	30.57	24.56	5.24	17	0.281	SE	/
M1	20221105	Cloudy	Moderate	Mid-Ebb	Surface	1	8:48	8.5	8.17	30.80	24.79	3.57	11	0.264	SE	/
M1	20221105	Cloudy	Moderate	Mid-Ebb	Surface	1	8:48	8.46	8.17	30.72	24.73	3.3	11	0.290	SE	/
M1	20221105	Cloudy	Moderate	Mid-Ebb	Middle	3.6	8:47	8.51	8.18	30.65	24.78	3.55	15	0.292	SE	/
M1	20221105	Cloudy	Moderate	Mid-Ebb	Middle	3.6	8:47	8.55	8.18	30.79	24.81	3.3	15	0.268	SE	/
M1	20221105	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	8:46	8.53	8.17	30.64	24.76	3.59	16	0.269	SE	/
M1	20221105	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	8:46	8.56	8.18	30.83	24.73	3.51	15	0.267	E	/
M2	20221105	Cloudy	Moderate	Mid-Ebb	Surface	1	8:32	8.26	8.32	30.71	24.78	4.48	17	0.272	SE	/
M2	20221105	Cloudy	Moderate	Mid-Ebb	Surface	1	8:32	8.2	8.28	30.66	24.79	4.69	17	0.289	E	/
M2	20221105	Cloudy	Moderate	Mid-Ebb	Middle	6.4	8:31	8.19	8.33	30.46	24.75	4.69	14	0.291	SE	/
M2	20221105	Cloudy	Moderate	Mid-Ebb	Middle	6.4	8:31	8.22	8.31	30.59	24.72	4.53	13	0.270	E	/
M2	20221105	Cloudy	Moderate	Mid-Ebb	Bottom	11.8	8:30	8.19	8.31	30.66	24.79	4.33	15	0.283	E	/
M2	20221105	Cloudy	Moderate	Mid-Ebb	Bottom	11.8	8:30	8.26	8.34	30.70	24.74	4.54	16	0.272	SE	/
M3	20221105	Cloudy	Moderate	Mid-Ebb	Surface	1	9:05	8.43	8.31	29.49	24.62	3.62	16	0.281	E	/
M3	20221105	Cloudy	Moderate	Mid-Ebb	Surface	1	9:05	8.42	8.29	29.35	24.68	3.66	16	0.293	SE	/
M3	20221105	Cloudy	Moderate	Mid-Ebb	Middle	3.4	9:04	8.44	8.32	29.45	24.63	3.38	16	0.286	E	/
M3	20221105	Cloudy	Moderate	Mid-Ebb	Middle	3.4	9:04	8.48	8.33	29.59	24.69	3.33	16	0.284	E	/
M3	20221105	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	9:03	8.37	8.32	29.42	24.67	3.36	14	0.299	SE	/
M3	20221105	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	9:03	8.39	8.31	29.44	24.70	3.36	14	0.283	E	/
M4	20221105	Cloudy	Moderate	Mid-Ebb	Surface	1	9:50	8.16	8.2	29.91	24.53	2.71	14	0.295	E	/
M4	20221105	Cloudy	Moderate	Mid-Ebb	Surface	1	9:50	8.24	8.22	29.79	24.54	2.95	16	0.267	SE	/
M4	20221105	Cloudy	Moderate	Mid-Ebb	Bottom	4.3	9:49	8.24	8.2	29.98	24.54	3.86	14	0.292	E	/
M4	20221105	Cloudy	Moderate	Mid-Ebb	Bottom	4.3	9:49	8.13	8.18	29.99	24.51	3.65	15	0.285	E	/
C1	20221108	Cloudy	Moderate	Mid-Ebb	Surface	1	10:19	8.33	8.33	32.74	24.60	3.99	2.5	0.288	E	/
C1	20221108	Cloudy	Moderate	Mid-Ebb	Surface	1	10:19	8.42	8.32	32.88	24.66	4.24	3	0.266	SE	/
C1	20221108	Cloudy	Moderate	Mid-Ebb	Middle	10.25	10:18	8.38	8.31	32.78	24.66	4.30	3	0.285	SE	/
C1	20221108	Cloudy	Moderate	Mid-Ebb	Middle	10.25	10:18	8.36	8.33	32.85	24.59	4.21	2.5	0.291	SE	/
C1	20221108	Cloudy	Moderate	Mid-Ebb	Bottom	19.5	10:17	8.46	8.28	32.79	24.59	4.32	10	0.273	SE	/
C1	20221108	Cloudy	Moderate	Mid-Ebb	Bottom	19.5	10:17	8.35	8.30	32.71	24.60	4.47	7	0.276	E	/
C2	20221108	Cloudy	Moderate	Mid-Ebb	Surface	1	11:21	8.87	8.21	32.48	24.91	3.67	2.5	0.287	SE	/
C2	20221108	Cloudy	Moderate	Mid-Ebb	Surface	1	11:21	8.85	8.24	32.34	24.97	3.55	3	0.291	SE	/
C2	20221108	Cloudy	Moderate	Mid-Ebb	Middle	12.05	11:20	8.94	8.20	32.54	24.98	3.83	2.5	0.273	SE	/
C2	20221108	Cloudy	Moderate	Mid-Ebb	Middle	12.05	11:20	8.89	8.22	32.52	24.88	3.76	2.5	0.267	SE	/
C2	20221108	Cloudy	Moderate	Mid-Ebb	Bottom	23.1	11:19	8.93	8.21	32.34	24.87	4.06	3	0.280	E	/
C2	20221108	Cloudy	Moderate	Mid-Ebb	Bottom	23.1	11:19	8.85	8.21	32.35	24.85	4.18	5	0.272	E	/
M1	20221108	Cloudy	Moderate	Mid-Ebb	Surface	1	10:52	8.81	8.21	32.68	24.60	3.13	17	0.286	SE	/
M1	20221108	Cloudy	Moderate	Mid-Ebb	Surface	1	10:52	8.86	8.23	32.85	24.66	3.02	14	0.288	E	/
M1	20221108	Cloudy	Moderate	Mid-Ebb	Middle	3.25	10:51	8.78	8.23	32.63	24.70	2.98	4	0.278	SE	/
M1	20221108	Cloudy	Moderate	Mid-Ebb	Middle	3.25	10:51	8.85	8.20	32.71	24.62	3.07	6	0.294	SE	/
M1	20221108	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	10:50	8.83	8.23	32.71	24.60	3.09	16	0.297	SE	/
M1	20221108	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	10:50	8.77	8.21	32.65	24.72	3.04	18	0.284	E	/
M2	20221108	Cloudy	Moderate	Mid-Ebb	Surface	1	10:36	8.74	8.21	32.02	24.75	3.02	19	0.299	SE	/
M2	20221108	Cloudy	Moderate	Mid-Ebb	Surface	1	10:36	8.79	8.23	31.80	24.83	2.82	16	0.298	SE	/
M2	20221108	Cloudy	Moderate	Mid-Ebb	Middle	6.4	10:35	8.72	8.24	31.95	24.68	3.05	6	0.289	SE	/
M2	20221108	Cloudy	Moderate	Mid-Ebb	Middle	6.4	10:35	8.74	8.26	31.93	24.83	3.24	7	0.289	E	/
M2	20221108	Cloudy	Moderate	Mid-Ebb	Bottom	11.8	10:34	8.83	8.29	31.99	24.78	3.04	9	0.278	E	/
M2	20221108	Cloudy	Moderate	Mid-Ebb	Bottom	11.8	10:34	8.81	8.24	31.83	24.82	2.86	9	0.272	E	/
M3	20221108	Cloudy	Moderate	Mid-Ebb	Surface	1	11:06	8.53	8.25	31.81	24.89	3.39	9	0.288	SE	/
M3	20221108	Cloudy	Moderate	Mid-Ebb	Surface	1	11:06	8.42	8.20	31.72	24.96	3.61	6	0.288	E	/
M3	20221108	Cloudy	Moderate	Mid-Ebb	Middle	3.6	11:05	8.36	8.23	31.72	24.91	3.32	7	0.274	SE	/
M3	20221108	Cloudy	Moderate	Mid-Ebb	Middle	3.6	11:05	8.46	8.25	31.62	24.93	3.18	5	0.300	SE	/
M3	20221108	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	11:04	8.35	8.21	31.65	24.97	3.35	17	0.266	E	/
M3	20221108	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	11:04	8.29	8.25	31.84	24.97	3.32	20	0.263	E	/
M4	20221108	Cloudy	Moderate	Mid-Ebb	Surface	1	11:49	8.95	8.25	31.49	24.94	3.66	8	0.288	SE	/
M4	20221108	Cloudy	Moderate	Mid-Ebb	Surface	1	11:49	9.04	8.26	31.57	24.87	3.21	10	0.297	SE	/
M4	20221108	Cloudy	Moderate	Mid-Ebb	Bottom	4.3	11:48	8.94	8.25	31.43	24.98	3.63	21	0.276	SE	/
M4	20221108	Cloudy	Moderate	Mid-Ebb	Bottom	4.3	11:48	8.99	8.23	31.37	24.98	3.40	21	0.284	E	/
C1	20221110	Cloudy	Moderate	Mid-Ebb	Surface	1	11:26	8.14	8.30	32.69	25.19	4.04	17	0.298	E	/
C1	20221110	Cloudy	Moderate	Mid-Ebb	Surface	1	11:26	8.11	8.27	32.62	25.16	3.95	19	0.278	SE	/
C1	20221110	Cloudy	Moderate	Mid-Ebb	Middle	9.3	11:25	8.18	8.30	32.79	25.12	3.92	19	0.271	SE	/
C1	20221110	Cloudy	Moderate	Mid-Ebb	Middle	9.3	11:25	8.13	8.31	32.73	25.07	3.87	17	0.285	SE	/
C1	20221110	Cloudy	Moderate	Mid-Ebb	Bottom	17.6	11:24	8.14	8.31	32.62	25.15	4.52	13	0.295	E	/
C1	20221110	Cloudy	Moderate	Mid-Ebb	Bottom	17.6	11:24	8.11	8.30	32.52	25.09	4.19	15	0.301	E	/
C2	20221110	Cloudy	Moderate	Mid-Ebb	Surface	1	12:27	8.53	8.29	31.66	24.98	3.61	15	0.292	SE	/
C2	20221110	Cloudy	Moderate	Mid-Ebb	Surface	1	12:27	8.54	8.30	31.56	25.02	3.73	18	0.269	SE	/
C2	20221110	Cloudy	Moderate	Mid-Ebb	Middle	12.3	12:26	8.54	8.30	31.70	25.05	4.07	16	0.274	SE	/
C2	20221110	Cloudy	Moderate	Mid-Ebb	Middle	12.3	12:26	8.46	8.27	31.60	25.10	3.72	17	0.269	SE	/
C2	20221110	Cloudy	Moderate	Mid-Ebb	Bottom	23.6	12:25	8.46	8.29	31.58	25.04	3.95	17	0.301	E	/
C2	20221110	Cloudy	Moderate	Mid-Ebb	Bottom	23.6	12:25	8.57	8.28	31.55	25.10	3.76	15	0.268	E	/
M1	20221110	Cloudy	Moderate	Mid-Ebb	Surface	1	11:57	8.53	8.23	32.50	24.77	2.52	15	0.288	SE	/
M1	20221110	Cloudy	Moderate	Mid-Ebb	Surface	1	11:57	8.58	8.23	32.51	24.90	2.62	12	0.275	E	/
M1	20221110	Cloudy	Moderate	Mid-Ebb	Middle	3.7	11:56	8.52	8.20	32.54	24.82	2.67	19	0.293	E	/
M1	20221110	Cloudy	Moderate	Mid-Ebb	Middle	3.7	11:56	8.53	8.23	32.38	24.89	2.49	18	0.293	SE	/
M1	20221110	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	11:55	8.56	8.21	32.46	24.76	3.66	15	0.281		

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	20221112	Cloudy	Moderate	Mid-Ebb	Middle	11.2	12:20	8.35	8.18	31.04	25.38	3.68	17	0.288	E	/
C1	20221112	Cloudy	Moderate	Mid-Ebb	Bottom	21.4	12:19	8.36	8.20	31.08	25.25	3.92	17	0.268	E	/
C1	20221112	Cloudy	Moderate	Mid-Ebb	Bottom	21.4	12:19	8.24	8.24	30.98	25.27	4.16	17	0.273	E	/
C2	20221112	Cloudy	Moderate	Mid-Ebb	Surface	1	13:31	8.21	8.21	31.89	25.33	2.41	15	0.296	SE	/
C2	20221112	Cloudy	Moderate	Mid-Ebb	Surface	1	13:31	8.13	8.23	31.77	25.32	2.69	14	0.295	SE	/
C2	20221112	Cloudy	Moderate	Mid-Ebb	Middle	12.8	13:30	8.24	8.20	31.95	25.33	2.91	3	0.265	SE	/
C2	20221112	Cloudy	Moderate	Mid-Ebb	Middle	12.8	13:30	8.07	8.23	31.86	25.24	2.88	2.5	0.282	SE	/
C2	20221112	Cloudy	Moderate	Mid-Ebb	Bottom	24.6	13:29	8.11	8.16	31.77	25.38	3.18	2.5	0.287	SE	/
C2	20221112	Cloudy	Moderate	Mid-Ebb	Bottom	24.6	13:29	8.17	8.19	31.75	25.34	3.03	2.5	0.290	SE	/
M1	20221112	Cloudy	Moderate	Mid-Ebb	Surface	1	12:57	9.04	8.34	32.04	25.22	2.87	16	0.269	E	/
M1	20221112	Cloudy	Moderate	Mid-Ebb	Surface	1	12:57	9.05	8.13	32.02	25.24	2.80	16	0.265	E	/
M1	20221112	Cloudy	Moderate	Mid-Ebb	Middle	3.3	12:56	8.98	8.34	31.86	25.27	2.88	12	0.297	SE	/
M1	20221112	Cloudy	Moderate	Mid-Ebb	Middle	3.3	12:56	9.05	8.34	32.07	25.26	3.06	10	0.273	E	/
M1	20221112	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	12:55	9.03	8.30	32.10	25.33	2.94	13	0.296	E	/
M1	20221112	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	12:55	9.05	8.31	32.07	25.27	3.05	11	0.263	E	/
M2	20221112	Cloudy	Moderate	Mid-Ebb	Surface	1	12:40	8.34	8.25	32.26	25.01	2.68	12	0.283	E	/
M2	20221112	Cloudy	Moderate	Mid-Ebb	Surface	1	12:40	8.37	8.32	32.08	25.11	2.77	14	0.281	E	/
M2	20221112	Cloudy	Moderate	Mid-Ebb	Middle	6.55	12:39	8.39	8.25	32.02	25.00	2.86	4	0.279	SE	/
M2	20221112	Cloudy	Moderate	Mid-Ebb	Middle	6.55	12:39	8.33	8.29	32.29	25.12	2.90	8	0.269	E	/
M2	20221112	Cloudy	Moderate	Mid-Ebb	Bottom	12.1	12:38	8.30	8.29	32.29	25.07	2.68	15	0.297	SE	/
M2	20221112	Cloudy	Moderate	Mid-Ebb	Bottom	12.1	12:38	8.31	8.30	32.14	25.02	2.64	16	0.264	SE	/
M3	20221112	Cloudy	Moderate	Mid-Ebb	Surface	1	13:13	8.04	8.22	32.23	25.34	2.78	15	0.278	E	/
M3	20221112	Cloudy	Moderate	Mid-Ebb	Surface	1	13:13	8.19	8.25	31.99	25.29	2.84	15	0.290	SE	/
M3	20221112	Cloudy	Moderate	Mid-Ebb	Middle	3.75	13:12	8.04	8.23	32.09	25.25	2.55	17	0.265	E	/
M3	20221112	Cloudy	Moderate	Mid-Ebb	Middle	3.75	13:12	8.14	8.23	32.19	25.30	2.55	17	0.288	E	/
M3	20221112	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	13:11	8.06	8.22	32.03	25.23	2.45	24	0.280	SE	/
M3	20221112	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	13:11	8.18	8.26	32.05	25.26	2.65	23	0.272	SE	/
M4	20221112	Cloudy	Moderate	Mid-Ebb	Surface	1	13:53	8.97	8.30	32.36	25.35	2.62	21	0.289	SE	/
M4	20221112	Cloudy	Moderate	Mid-Ebb	Surface	1	13:53	8.88	8.24	32.22	25.39	2.53	22	0.294	SE	/
M4	20221112	Cloudy	Moderate	Mid-Ebb	Bottom	4.7	13:52	8.94	8.30	32.23	25.28	2.71	18	0.301	E	/
M4	20221112	Cloudy	Moderate	Mid-Ebb	Bottom	4.7	13:52	8.94	8.31	32.40	25.28	2.67	20	0.299	SE	/
C1	20221115	Cloudy	Moderate	Mid-Ebb	Surface	1	8:02	8.81	8.15	33.28	24.60	4.88	4	0.292	SE	/
C1	20221115	Cloudy	Moderate	Mid-Ebb	Surface	1	8:02	8.87	8.15	33.21	24.64	4.74	6	0.297	SE	/
C1	20221115	Cloudy	Moderate	Mid-Ebb	Middle	11.6	8:01	8.88	8.18	33.14	24.61	5.20	15	0.281	SE	/
C1	20221115	Cloudy	Moderate	Mid-Ebb	Middle	11.6	8:01	8.76	8.13	33.26	24.50	5.06	18	0.278	E	/
C1	20221115	Cloudy	Moderate	Mid-Ebb	Bottom	22.2	8:00	8.92	8.20	33.16	24.57	5.19	18	0.298	E	/
C1	20221115	Cloudy	Moderate	Mid-Ebb	Bottom	22.2	8:00	8.76	8.14	33.12	24.60	5.52	18	0.284	E	/
C2	20221115	Cloudy	Moderate	Mid-Ebb	Surface	1	8:52	8.26	8.21	32.53	24.59	4.67	11	0.298	SE	/
C2	20221115	Cloudy	Moderate	Mid-Ebb	Surface	1	8:52	8.32	8.18	32.49	24.59	4.41	10	0.273	SE	/
C2	20221115	Cloudy	Moderate	Mid-Ebb	Middle	12.7	8:51	8.35	8.21	32.45	24.58	4.55	2.5	0.263	SE	/
C2	20221115	Cloudy	Moderate	Mid-Ebb	Middle	12.7	8:51	8.40	8.22	32.49	24.59	4.30	2.5	0.296	SE	/
C2	20221115	Cloudy	Moderate	Mid-Ebb	Bottom	24.4	8:50	8.27	8.20	32.48	24.53	4.76	7	0.295	SE	/
C2	20221115	Cloudy	Moderate	Mid-Ebb	Bottom	24.4	8:50	8.44	8.25	32.35	24.52	4.53	6	0.287	E	/
M1	20221115	Cloudy	Moderate	Mid-Ebb	Surface	1	8:26	9.12	8.28	33.35	24.68	3.04	2.5	0.270	SE	/
M1	20221115	Cloudy	Moderate	Mid-Ebb	Surface	1	8:26	9.02	8.28	33.49	24.60	3.06	3	0.295	SE	/
M1	20221115	Cloudy	Moderate	Mid-Ebb	Middle	3.35	8:25	9.21	8.32	33.51	24.64	3.28	2.5	0.272	SE	/
M1	20221115	Cloudy	Moderate	Mid-Ebb	Middle	3.35	8:25	9.23	8.33	33.35	24.68	3.24	2.5	0.280	E	/
M1	20221115	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	8:24	9.19	8.32	33.39	24.72	3.01	3	0.276	SE	/
M1	20221115	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	8:24	9.07	8.35	33.34	24.71	3.14	2.5	0.267	E	/
M2	20221115	Cloudy	Moderate	Mid-Ebb	Surface	1	8:14	8.52	8.25	32.61	24.61	2.68	2.5	0.272	SE	/
M2	20221115	Cloudy	Moderate	Mid-Ebb	Surface	1	8:14	8.51	8.20	32.68	24.69	3.02	2.5	0.280	E	/
M2	20221115	Cloudy	Moderate	Mid-Ebb	Middle	5.8	8:13	8.52	8.18	32.71	24.68	2.91	2.5	0.266	SE	/
M2	20221115	Cloudy	Moderate	Mid-Ebb	Middle	5.8	8:13	8.53	8.18	32.62	24.58	2.93	2.5	0.282	SE	/
M2	20221115	Cloudy	Moderate	Mid-Ebb	Bottom	10.6	8:12	8.51	8.19	32.56	24.62	2.86	2.5	0.283	SE	/
M2	20221115	Cloudy	Moderate	Mid-Ebb	Bottom	10.6	8:12	8.59	8.22	32.72	24.71	2.88	2.5	0.276	E	/
M3	20221115	Cloudy	Moderate	Mid-Ebb	Surface	1	8:37	8.53	8.26	32.54	24.57	3.59	2.5	0.278	E	/
M3	20221115	Cloudy	Moderate	Mid-Ebb	Surface	1	8:37	8.60	8.31	32.53	24.48	3.86	2.5	0.269	E	/
M3	20221115	Cloudy	Moderate	Mid-Ebb	Middle	3.25	8:36	8.38	8.31	32.55	24.60	3.70	2.5	0.288	SE	/
M3	20221115	Cloudy	Moderate	Mid-Ebb	Middle	3.25	8:36	8.56	8.33	32.48	24.52	3.94	2.5	0.266	E	/
M3	20221115	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	8:35	8.54	8.27	32.50	24.48	3.69	2.5	0.286	E	/
M3	20221115	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	8:35	8.55	8.30	32.59	24.49	3.82	2.5	0.296	SE	/
M4	20221115	Cloudy	Moderate	Mid-Ebb	Surface	1	9:23	8.30	8.14	32.92	24.55	3.54	2.5	0.283	SE	/
M4	20221115	Cloudy	Moderate	Mid-Ebb	Surface	1	9:23	8.16	8.13	33.04	24.53	3.32	3	0.268	SE	/
M4	20221115	Cloudy	Moderate	Mid-Ebb	Bottom	4.5	9:22	8.24	8.16	32.94	24.64	3.31	2.5	0.270	E	/
M4	20221115	Cloudy	Moderate	Mid-Ebb	Bottom	4.5	9:22	8.15	8.17	33.05	24.63	3.30	2.5	0.274	SE	/
C1	20221117	Cloudy	Moderate	Mid-Ebb	Surface	1	8:02	8.74	8.26	32.07	24.97	4.21	9	0.283	SE	/
C1	20221117	Cloudy	Moderate	Mid-Ebb	Surface	1	8:02	8.83	8.30	32.21	25.10	3.99	6	0.269	SE	/
C1	20221117	Cloudy	Moderate	Mid-Ebb	Middle	9.6	8:01	8.78	8.31	32.24	25.00	4.57	14	0.292	E	/
C1	20221117	Cloudy	Moderate	Mid-Ebb	Middle	9.6	8:01	8.80	8.31	32.17	25.12	4.41	14	0.285	SE	/
C1	20221117	Cloudy	Moderate	Mid-Ebb	Bottom	18.2	8:00	8.67	8.26	32.24	24.99	4.77	5	0.267	E	/
C1	20221117	Cloudy	Moderate	Mid-Ebb	Bottom	18.2	8:00	8.64	8.32	32.04	25.07	4.81	6	0.270	SE	/
C2	20221117	Cloudy	Moderate	Mid-Ebb	Surface	1	9:11	9.16	8.23	32.41	24.95	3.66	2.5	0.269	SE	/
C2	20221117	Cloudy	Moderate	Mid-Ebb	Surface	1	9:11	9.14	8.25	32.26	24.91	3.58	2.5	0.264	SE	/
C2	20221117	Cloudy	Moderate	Mid-Ebb	Middle	12.8	9:10	9.08	8.28	32.29	24.89	3.80	2.5	0.291	SE	/
C2	20221117	Cloudy	Moderate	Mid-Ebb	Middle	12.8	9:10	8.98	8.25	32.43	24.89	3.60	2.5	0.293	SE	/
C2	20221117	Cloudy	Moderate	Mid-Ebb	Bottom	24.6	9:09	9.11	8.31	32.41	25.02	3.83	5	0.292	E	/
C2	20221117	Cloudy	Moderate	Mid-Ebb	Bottom	24.6	9:09	9.03	8.24	32.45	24.97	3.79	4	0.276	SE	/
M1	20221117	Cloudy	Moderate	Mid-Ebb	Surface	1	8:34	9.03	8.25	32.81	25.09	3.02	2.5	0.269	SE	/
M1	20221117	Cloudy	Moderate	Mid-Ebb	Surface	1	8:34	8.85	8.26	32.88	24.99	2.88	2.5	0.271	SE	/
M1	20221117	Cloudy	Moderate	Mid-Ebb	Middle	3.2	8:33	8.96	8.24	32.66	24.99	3.04	2.5	0.280	E	/
M1	20221117	Cloudy	Moderate	Mid-Ebb	Middle	3.2	8:33	8.84	8.25	32.73	24.98	2.99	4	0.284	SE	/
M1	20221117	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	8:32	9.03	8.22	32.84	25.07	2.84	3	0.291	SE	/
M1	20221117	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	8:32	9.01	8.25	32.69	25.00	2.98	3	0.272	SE	/
M2	20221117	Cloudy	Moderate	Mid-Ebb	Surface	1	8:18	8.94	8.31	32.69	25.02	3.53	4	0.287	E	/
M2	20221117	Cloudy	Moderate	Mid-Ebb	Surface	1	8:18	8.79	8.32	32.62	25.05	3.73	5			

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	20221119	Cloudy	Moderate	Mid-Ebb	Surface	1	9:08	8.79	8.31	32.18	25.80	4.43	5	0.284	SE	/
C2	20221119	Cloudy	Moderate	Mid-Ebb	Surface	1	9:08	8.72	8.34	32.12	25.81	4.51	5	0.275	E	/
C2	20221119	Cloudy	Moderate	Mid-Ebb	Middle	10.55	9:07	8.80	8.30	32.29	25.88	4.32	4	0.275	E	/
C2	20221119	Cloudy	Moderate	Mid-Ebb	Middle	10.55	9:07	8.73	8.30	32.27	25.93	4.56	4	0.279	SE	/
C2	20221119	Cloudy	Moderate	Mid-Ebb	Bottom	20.1	9:06	8.80	8.35	32.26	25.87	4.77	5	0.268	E	/
C2	20221119	Cloudy	Moderate	Mid-Ebb	Bottom	20.1	9:06	8.89	8.29	32.23	25.83	4.62	5	0.295	SE	/
M1	20221119	Cloudy	Moderate	Mid-Ebb	Surface	1	8:35	8.15	8.23	31.77	26.12	4.67	3	0.275	SE	/
M1	20221119	Cloudy	Moderate	Mid-Ebb	Surface	1	8:35	8.21	8.26	31.72	26.11	4.80	2.5	0.293	E	/
M1	20221119	Cloudy	Moderate	Mid-Ebb	Middle	3.55	8:34	8.09	8.29	31.74	25.97	4.96	6	0.278	E	/
M1	20221119	Cloudy	Moderate	Mid-Ebb	Middle	3.55	8:34	8.13	8.23	31.64	26.01	4.70	3	0.287	E	/
M1	20221119	Cloudy	Moderate	Mid-Ebb	Bottom	6.1	8:33	8.22	8.23	31.68	26.07	4.73	4	0.299	SE	/
M1	20221119	Cloudy	Moderate	Mid-Ebb	Bottom	6.1	8:33	8.16	8.26	31.84	26.04	4.69	3	0.284	SE	/
M2	20221119	Cloudy	Moderate	Mid-Ebb	Surface	1	8:18	8.88	8.18	33.12	25.97	4.70	3	0.297	E	/
M2	20221119	Cloudy	Moderate	Mid-Ebb	Surface	1	8:18	8.87	8.20	33.05	25.83	4.87	6	0.270	SE	/
M2	20221119	Cloudy	Moderate	Mid-Ebb	Middle	6.7	8:17	8.91	8.17	33.07	26.00	4.66	2.5	0.265	E	/
M2	20221119	Cloudy	Moderate	Mid-Ebb	Middle	6.7	8:17	8.78	8.17	33.15	25.90	4.97	3	0.274	E	/
M2	20221119	Cloudy	Moderate	Mid-Ebb	Bottom	12.4	8:16	8.95	8.18	33.02	25.83	4.68	12	0.292	SE	/
M2	20221119	Cloudy	Moderate	Mid-Ebb	Bottom	12.4	8:16	8.92	8.18	33.08	25.85	4.85	14	0.270	E	/
M3	20221119	Cloudy	Moderate	Mid-Ebb	Surface	1	8:51	8.84	8.29	31.92	25.80	4.78	2.5	0.297	E	/
M3	20221119	Cloudy	Moderate	Mid-Ebb	Surface	1	8:51	8.70	8.26	31.95	25.81	4.47	2.5	0.263	SE	/
M3	20221119	Cloudy	Moderate	Mid-Ebb	Middle	3.45	8:50	8.80	8.23	32.06	25.65	4.83	2.5	0.286	E	/
M3	20221119	Cloudy	Moderate	Mid-Ebb	Middle	3.45	8:50	8.82	8.23	32.03	25.68	4.49	2.5	0.267	SE	/
M3	20221119	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	8:49	8.78	8.28	32.10	25.76	4.66	7	0.288	SE	/
M3	20221119	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	8:49	8.81	8.29	32.03	25.85	4.58	9	0.268	SE	/
M4	20221119	Cloudy	Moderate	Mid-Ebb	Surface	1	9:35	9.31	8.30	32.63	25.95	5.15	2.5	0.287	SE	/
M4	20221119	Cloudy	Moderate	Mid-Ebb	Surface	1	9:35	9.40	8.30	32.64	25.96	5.17	2.5	0.272	E	/
M4	20221119	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	9:34	9.41	8.35	32.72	25.91	5.09	2.5	0.286	SE	/
M4	20221119	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	9:34	9.21	8.32	32.79	25.88	5.40	2.5	0.297	E	/
C1	20221122	Cloudy	Moderate	Mid-Ebb	Surface	1	10:37	8.34	8.19	32.26	24.85	3.89	15	0.298	E	/
C1	20221122	Cloudy	Moderate	Mid-Ebb	Surface	1	10:37	8.33	8.18	32.36	24.89	3.83	14	0.266	SE	/
C1	20221122	Cloudy	Moderate	Mid-Ebb	Middle	9.3	10:36	8.22	8.17	32.22	24.83	4.21	4	0.297	SE	/
C1	20221122	Cloudy	Moderate	Mid-Ebb	Middle	9.3	10:36	8.26	8.14	32.31	24.78	4.16	6	0.282	E	/
C1	20221122	Cloudy	Moderate	Mid-Ebb	Bottom	17.6	10:35	8.31	8.17	32.26	24.72	4.43	2.5	0.264	E	/
C1	20221122	Cloudy	Moderate	Mid-Ebb	Bottom	17.6	10:35	8.26	8.18	32.43	24.76	4.24	3	0.290	E	/
C2	20221122	Cloudy	Moderate	Mid-Ebb	Surface	1	11:42	8.14	8.21	32.88	24.75	2.86	4	0.265	SE	/
C2	20221122	Cloudy	Moderate	Mid-Ebb	Surface	1	11:42	8.17	8.20	32.68	24.81	2.85	2.5	0.274	E	/
C2	20221122	Cloudy	Moderate	Mid-Ebb	Middle	10.65	11:41	8.09	8.24	32.67	24.72	2.83	9	0.297	E	/
C2	20221122	Cloudy	Moderate	Mid-Ebb	Middle	10.65	11:41	8.00	8.25	32.64	24.90	3.02	6	0.298	SE	/
C2	20221122	Cloudy	Moderate	Mid-Ebb	Bottom	20.3	11:40	8.15	8.20	32.89	24.87	3.20	5	0.263	SE	/
C2	20221122	Cloudy	Moderate	Mid-Ebb	Bottom	20.3	11:40	8.07	8.22	32.73	24.78	3.07	7	0.299	SE	/
M1	20221122	Cloudy	Moderate	Mid-Ebb	Surface	1	11:06	8.68	8.29	32.32	24.57	3.39	7	0.283	SE	/
M1	20221122	Cloudy	Moderate	Mid-Ebb	Surface	1	11:06	8.85	8.26	32.19	24.59	3.43	8	0.273	E	/
M1	20221122	Cloudy	Moderate	Mid-Ebb	Middle	3.4	11:05	8.74	8.31	32.42	24.51	3.06	11	0.285	SE	/
M1	20221122	Cloudy	Moderate	Mid-Ebb	Middle	3.4	11:05	8.85	8.27	32.44	24.48	3.03	10	0.287	E	/
M1	20221122	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	11:04	8.76	8.26	32.42	24.66	3.32	3	0.284	SE	/
M1	20221122	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	11:04	8.71	8.27	32.20	24.55	3.41	4	0.276	E	/
M2	20221122	Cloudy	Moderate	Mid-Ebb	Surface	1	10:52	9.19	8.34	32.72	24.58	3.50	7	0.278	E	/
M2	20221122	Cloudy	Moderate	Mid-Ebb	Surface	1	10:52	9.06	8.31	32.80	24.59	3.57	7	0.283	E	/
M2	20221122	Cloudy	Moderate	Mid-Ebb	Middle	5.8	10:51	9.09	8.32	32.82	24.52	3.62	6	0.278	E	/
M2	20221122	Cloudy	Moderate	Mid-Ebb	Middle	5.8	10:51	9.12	8.34	32.67	24.62	3.54	7	0.271	E	/
M2	20221122	Cloudy	Moderate	Mid-Ebb	Bottom	10.6	10:50	9.17	8.33	32.67	24.57	3.33	2.5	0.269	E	/
M2	20221122	Cloudy	Moderate	Mid-Ebb	Bottom	10.6	10:50	9.02	8.31	32.78	24.65	3.64	2.5	0.269	SE	/
M3	20221122	Cloudy	Moderate	Mid-Ebb	Surface	1	11:23	8.12	8.17	33.62	24.82	3.11	6	0.263	E	/
M3	20221122	Cloudy	Moderate	Mid-Ebb	Surface	1	11:23	8.22	8.16	33.57	24.79	2.84	4	0.263	SE	/
M3	20221122	Cloudy	Moderate	Mid-Ebb	Middle	3.4	11:22	8.19	8.16	33.70	24.73	2.92	4	0.278	SE	/
M3	20221122	Cloudy	Moderate	Mid-Ebb	Middle	3.4	11:22	8.23	8.15	33.71	24.90	2.87	4	0.300	E	/
M3	20221122	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	11:21	8.16	8.18	33.55	24.77	3.01	11	0.280	SE	/
M3	20221122	Cloudy	Moderate	Mid-Ebb	Bottom	5.8	11:21	8.05	8.18	33.73	24.92	3.07	12	0.288	SE	/
M4	20221122	Cloudy	Moderate	Mid-Ebb	Surface	1	12:01	8.82	8.21	32.25	24.70	2.83	6	0.275	SE	/
M4	20221122	Cloudy	Moderate	Mid-Ebb	Surface	1	12:01	8.84	8.18	32.30	24.74	2.88	6	0.299	SE	/
M4	20221122	Cloudy	Moderate	Mid-Ebb	Bottom	4.7	12:00	8.73	8.18	32.30	24.63	2.91	2.5	0.263	SE	/
M4	20221122	Cloudy	Moderate	Mid-Ebb	Bottom	4.7	12:00	8.82	8.16	32.22	24.75	2.95	2.5	0.266	E	/
C1	20221124	Cloudy	Moderate	Mid-Ebb	Surface	1	10:37	8.54	8.19	32.75	24.70	4.95	5	0.268	SE	/
C1	20221124	Cloudy	Moderate	Mid-Ebb	Surface	1	10:37	8.72	8.16	32.71	24.52	5.03	7	0.301	SE	/
C1	20221124	Cloudy	Moderate	Mid-Ebb	Middle	10.15	10:36	8.54	8.16	32.76	24.61	5.09	13	0.292	E	/
C1	20221124	Cloudy	Moderate	Mid-Ebb	Middle	10.15	10:36	8.57	8.18	32.82	24.70	4.98	10	0.268	SE	/
C1	20221124	Cloudy	Moderate	Mid-Ebb	Bottom	19.3	10:35	8.51	8.16	32.96	24.71	5.49	2.5	0.273	E	/
C1	20221124	Cloudy	Moderate	Mid-Ebb	Bottom	19.3	10:35	8.52	8.16	32.87	24.53	5.32	2.5	0.283	E	/
C2	20221124	Cloudy	Moderate	Mid-Ebb	Surface	1	11:41	8.38	8.20	32.01	24.36	4.32	2.5	0.285	SE	/
C2	20221124	Cloudy	Moderate	Mid-Ebb	Surface	1	11:41	8.39	8.26	31.95	24.59	4.18	2.5	0.263	SE	/
C2	20221124	Cloudy	Moderate	Mid-Ebb	Middle	12.35	11:40	8.38	8.24	32.04	24.55	4.25	2.5	0.298	SE	/
C2	20221124	Cloudy	Moderate	Mid-Ebb	Middle	12.35	11:40	8.42	8.24	31.89	24.45	4.17	3	0.263	SE	/
C2	20221124	Cloudy	Moderate	Mid-Ebb	Bottom	23.7	11:39	8.39	8.22	31.94	24.45	4.48	2.5	0.295	SE	/
C2	20221124	Cloudy	Moderate	Mid-Ebb	Bottom	23.7	11:39	8.39	8.23	32.10	24.59	4.32	2.5	0.287	E	/
M1	20221124	Cloudy	Moderate	Mid-Ebb	Surface	1	11:10	8.28	8.27	32.79	24.38	2.81	5	0.284	SE	/
M1	20221124	Cloudy	Moderate	Mid-Ebb	Surface	1	11:10	8.12	8.26	32.92	24.45	2.45	7	0.287	SE	/
M1	20221124	Cloudy	Moderate	Mid-Ebb	Middle	3.35	11:09	8.11	8.24	32.72	24.58	2.67	2.5	0.285	E	/
M1	20221124	Cloudy	Moderate	Mid-Ebb	Middle	3.35	11:09	8.16	8.28	32.87	24.47	2.67	2.5	0.283	SE	/
M1	20221124	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	11:08	8.16	8.27	32.74	24.39	2.59	2.5	0.276	SE	/
M1	20221124	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	11:08	8.12	8.28	32.90	24.58	2.48	2.5	0.267	SE	/
M2	20221124	Cloudy	Moderate	Mid-Ebb	Surface	1	10:53	8.71	8.25	32.77	24.35	3.78	2.5	0.301	SE	/
M2	20221124	Cloudy	Moderate	Mid-Ebb	Surface	1	10:53	8.53	8.26	32.62	24.43	3.57	2.5	0.270	E	/
M2	20221124	Cloudy	Moderate	Mid-Ebb	Middle	6.45	10:52	8.51	8.25	32.86	24.20	3.39	2.5	0.271	SE	/
M2	20221124	Cloudy	Moderate	Mid-Ebb	Middle	6.45	10:52	8.44	8.29	32.69	24.39	3.51	2.5	0.286	SE	/
M2	20221124	Cloudy	Moderate	Mid-Ebb	Bottom	11.9	10:51	8.73	8.27	32.73	24.24	3.44</				

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	20221126	Cloudy	Moderate	Mid-Ebb	Middle	11.3	15:02	8.11	8.18	32.51	24.33	4.76	6	0.267	SE	/
C2	20221126	Cloudy	Moderate	Mid-Ebb	Bottom	21.6	15:01	8.18	8.22	32.36	24.37	5.30	10	0.295	SE	/
C2	20221126	Cloudy	Moderate	Mid-Ebb	Bottom	21.6	15:01	8.08	8.22	32.50	24.29	4.90	8	0.278	SE	/
M1	20221126	Cloudy	Moderate	Mid-Ebb	Surface	1	12:27	8.31	8.17	33.16	24.35	5.11	9	0.270	E	/
M1	20221126	Cloudy	Moderate	Mid-Ebb	Surface	1	12:27	8.43	8.17	33.42	24.45	5.32	6	0.273	SE	/
M1	20221126	Cloudy	Moderate	Mid-Ebb	Middle	3.7	12:26	8.28	8.22	33.21	24.36	5.07	6	0.283	SE	/
M1	20221126	Cloudy	Moderate	Mid-Ebb	Middle	3.7	12:26	8.45	8.23	33.22	24.48	5.40	8	0.287	SE	/
M1	20221126	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	12:25	8.46	8.18	33.34	24.43	5.22	6	0.300	SE	/
M1	20221126	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	12:25	8.30	8.20	33.36	24.36	5.18	7	0.275	SE	/
M2	20221126	Cloudy	Moderate	Mid-Ebb	Surface	1	12:10	8.33	8.22	33.10	24.28	4.27	8	0.281	SE	/
M2	20221126	Cloudy	Moderate	Mid-Ebb	Surface	1	12:10	8.19	8.28	33.05	24.31	4.12	6	0.296	SE	/
M2	20221126	Cloudy	Moderate	Mid-Ebb	Middle	6.9	12:09	8.26	8.23	33.08	24.34	3.97	9	0.263	E	/
M2	20221126	Cloudy	Moderate	Mid-Ebb	Middle	6.9	12:09	8.37	8.27	33.04	24.35	4.05	5	0.263	SE	/
M2	20221126	Cloudy	Moderate	Mid-Ebb	Bottom	12.8	12:08	8.33	8.23	33.20	24.40	4.35	18	0.264	SE	/
M2	20221126	Cloudy	Moderate	Mid-Ebb	Bottom	12.8	12:08	8.32	8.27	33.03	24.39	4.39	17	0.273	E	/
M3	20221126	Cloudy	Moderate	Mid-Ebb	Surface	1	12:45	8.40	8.21	32.94	24.42	4.44	11	0.285	SE	/
M3	20221126	Cloudy	Moderate	Mid-Ebb	Surface	1	12:45	8.52	8.21	33.07	24.32	4.47	10	0.285	SE	/
M3	20221126	Cloudy	Moderate	Mid-Ebb	Middle	3.2	12:44	8.51	8.17	32.92	24.42	4.07	9	0.267	E	/
M3	20221126	Cloudy	Moderate	Mid-Ebb	Middle	3.2	12:44	8.34	8.19	33.02	24.28	4.24	7	0.276	E	/
M3	20221126	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	12:43	8.43	8.20	33.12	24.38	4.18	9	0.299	E	/
M3	20221126	Cloudy	Moderate	Mid-Ebb	Bottom	5.4	12:43	8.42	8.21	32.95	24.35	4.19	7	0.298	SE	/
M4	20221126	Cloudy	Moderate	Mid-Ebb	Surface	1	15:31	8.78	8.26	32.62	24.41	4.56	10	0.274	E	/
M4	20221126	Cloudy	Moderate	Mid-Ebb	Surface	1	15:31	8.70	8.27	32.59	24.44	4.70	10	0.280	SE	/
M4	20221126	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	15:30	8.75	8.24	32.62	24.34	4.74	14	0.282	SE	/
M4	20221126	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	15:30	8.70	8.25	32.52	24.41	4.61	16	0.289	E	/
C1	20221128	Cloudy	Moderate	Mid-Ebb	Surface	1	13:47	8.88	8.28	33.06	25.38	4.59	4	0.273	SE	/
C1	20221128	Cloudy	Moderate	Mid-Ebb	Surface	1	13:47	8.95	8.29	33.11	25.29	4.57	2.5	0.281	SE	/
C1	20221128	Cloudy	Moderate	Mid-Ebb	Middle	9.75	13:46	8.85	8.29	33.02	25.27	4.5	4	0.285	SE	/
C1	20221128	Cloudy	Moderate	Mid-Ebb	Middle	9.75	13:46	8.93	8.32	33.08	25.30	4.24	6	0.27	SE	/
C1	20221128	Cloudy	Moderate	Mid-Ebb	Bottom	18.5	13:45	8.93	8.32	33.14	25.23	4.66	2.5	0.282	E	/
C1	20221128	Cloudy	Moderate	Mid-Ebb	Bottom	18.5	13:45	8.95	8.33	33.14	25.34	4.29	2.5	0.268	SE	/
C2	20221128	Cloudy	Moderate	Mid-Ebb	Surface	1	15:01	8.35	8.23	32.23	25.05	3.83	2.5	0.287	E	/
C2	20221128	Cloudy	Moderate	Mid-Ebb	Surface	1	15:01	8.47	8.17	32.28	25.13	3.53	2.5	0.276	E	/
C2	20221128	Cloudy	Moderate	Mid-Ebb	Middle	12.7	15:00	8.42	8.21	32.15	25.07	3.91	9	0.271	SE	/
C2	20221128	Cloudy	Moderate	Mid-Ebb	Middle	12.7	15:00	8.52	8.19	32.13	25.12	3.66	7	0.268	E	/
C2	20221128	Cloudy	Moderate	Mid-Ebb	Bottom	24.4	14:59	8.44	8.23	32.06	25.18	3.66	9	0.295	E	/
C2	20221128	Cloudy	Moderate	Mid-Ebb	Bottom	24.4	14:59	8.37	8.24	32.16	25.01	3.99	10	0.29	E	/
M1	20221128	Cloudy	Moderate	Mid-Ebb	Surface	1	14:21	8.87	8.34	32.76	25.09	3.97	2.5	0.268	SE	/
M1	20221128	Cloudy	Moderate	Mid-Ebb	Surface	1	14:21	8.91	8.37	32.73	25.16	3.99	2.5	0.282	E	/
M1	20221128	Cloudy	Moderate	Mid-Ebb	Middle	3.5	14:20	8.8	8.31	32.72	25.02	3.6	4	0.292	E	/
M1	20221128	Cloudy	Moderate	Mid-Ebb	Middle	3.5	14:20	8.89	8.32	32.89	25.10	3.77	5	0.282	SE	/
M1	20221128	Cloudy	Moderate	Mid-Ebb	Bottom	6	14:19	8.95	8.32	32.86	25.06	3.53	4	0.282	SE	/
M1	20221128	Cloudy	Moderate	Mid-Ebb	Bottom	6	14:19	8.93	8.37	32.89	25.14	3.58	2.5	0.298	E	/
M2	20221128	Cloudy	Moderate	Mid-Ebb	Surface	1	14:04	9.11	8.19	32.50	25.00	2.31	9	0.282	SE	/
M2	20221128	Cloudy	Moderate	Mid-Ebb	Surface	1	14:04	9.13	8.2	32.71	25.10	2.34	11	0.273	E	/
M2	20221128	Cloudy	Moderate	Mid-Ebb	Middle	5.8	14:03	9.15	8.23	32.60	25.11	2.68	2.5	0.284	SE	/
M2	20221128	Cloudy	Moderate	Mid-Ebb	Middle	5.8	14:03	9.01	8.18	32.58	25.03	2.52	4	0.286	SE	/
M2	20221128	Cloudy	Moderate	Mid-Ebb	Bottom	10.6	14:02	9.18	8.21	32.70	25.01	2.45	4	0.298	E	/
M2	20221128	Cloudy	Moderate	Mid-Ebb	Bottom	10.6	14:02	9.02	8.2	32.55	25.02	2.48	4	0.273	E	/
M3	20221128	Cloudy	Moderate	Mid-Ebb	Surface	1	14:40	8.2	8.24	32.20	25.10	3.15	2.5	0.29	E	/
M3	20221128	Cloudy	Moderate	Mid-Ebb	Surface	1	14:40	8.14	8.18	32.29	25.04	3.36	4	0.263	E	/
M3	20221128	Cloudy	Moderate	Mid-Ebb	Middle	3.85	14:39	8.15	8.18	32.06	25.11	3.19	2.5	0.282	SE	/
M3	20221128	Cloudy	Moderate	Mid-Ebb	Middle	3.85	14:39	8.1	8.21	32.25	25.19	3	2.5	0.275	E	/
M3	20221128	Cloudy	Moderate	Mid-Ebb	Bottom	6.7	14:38	8.1	8.24	32.13	25.05	3.41	7	0.299	SE	/
M3	20221128	Cloudy	Moderate	Mid-Ebb	Bottom	6.7	14:38	8.2	8.21	32.31	25.12	3.24	6	0.291	E	/
M4	20221128	Cloudy	Moderate	Mid-Ebb	Surface	1	15:33	8.12	8.18	31.93	25.28	2.27	5	0.277	SE	/
M4	20221128	Cloudy	Moderate	Mid-Ebb	Surface	1	15:33	8.2	8.2	31.95	25.16	2.35	4	0.267	SE	/
M4	20221128	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	15:32	8.25	8.17	31.77	25.13	2.53	3	0.292	SE	/
M4	20221128	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	15:32	8.15	8.19	32.02	25.22	2.17	2.5	0.286	SE	/

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	20221105	Cloudy	Moderate	Mid-Flood	Surface	1	15:52	8.35	8.23	30.01	24.85	4.10	6	0.306	E	/
C1	20221105	Cloudy	Moderate	Mid-Flood	Surface	1	15:52	8.33	8.26	30.02	24.87	3.98	6	0.310	E	/
C1	20221105	Cloudy	Moderate	Mid-Flood	Middle	10.1	15:51	8.38	8.24	30.09	24.91	4.12	7	0.285	SE	/
C1	20221105	Cloudy	Moderate	Mid-Flood	Middle	10.1	15:51	8.26	8.25	30.05	24.81	3.86	10	0.295	E	/
C1	20221105	Cloudy	Moderate	Mid-Flood	Bottom	19.2	15:50	8.37	8.23	30.12	24.80	3.91	6	0.300	SE	/
C1	20221105	Cloudy	Moderate	Mid-Flood	Bottom	19.2	15:50	8.37	8.25	30.05	24.84	3.88	4	0.281	SE	/
C2	20221105	Cloudy	Moderate	Mid-Flood	Surface	1	14:49	8.61	8.21	30.85	24.76	3.99	12	0.306	SE	/
C2	20221105	Cloudy	Moderate	Mid-Flood	Surface	1	14:49	8.55	8.28	30.64	24.79	4.00	14	0.289	SE	/
C2	20221105	Cloudy	Moderate	Mid-Flood	Middle	11.95	14:48	8.67	8.20	30.82	24.76	4.16	12	0.298	SE	/
C2	20221105	Cloudy	Moderate	Mid-Flood	Middle	11.95	14:48	8.61	8.22	30.66	24.74	4.19	12	0.298	E	/
C2	20221105	Cloudy	Moderate	Mid-Flood	Bottom	22.9	14:47	8.64	8.27	30.81	24.82	4.44	8	0.301	SE	/
C2	20221105	Cloudy	Moderate	Mid-Flood	Bottom	22.9	14:47	8.66	8.28	30.83	24.76	4.33	10	0.276	E	/
M1	20221105	Cloudy	Moderate	Mid-Flood	Surface	1	15:20	8.48	8.31	30.74	24.70	3.30	7	0.277	SE	/
M1	20221105	Cloudy	Moderate	Mid-Flood	Surface	1	15:20	8.54	8.31	30.78	24.70	3.49	6	0.265	SE	/
M1	20221105	Cloudy	Moderate	Mid-Flood	Middle	3.7	15:19	8.53	8.32	30.80	24.67	3.43	11	0.270	SE	/
M1	20221105	Cloudy	Moderate	Mid-Flood	Middle	3.7	15:19	8.47	8.33	30.78	24.63	3.45	12	0.275	SE	/
M1	20221105	Cloudy	Moderate	Mid-Flood	Bottom	6.4	15:18	8.53	8.28	30.73	24.71	3.34	12	0.289	E	/
M1	20221105	Cloudy	Moderate	Mid-Flood	Bottom	6.4	15:18	8.52	8.29	30.62	24.71	3.40	14	0.287	SE	/
M2	20221105	Cloudy	Moderate	Mid-Flood	Surface	1	15:36	8.88	8.20	29.73	24.87	2.98	3	0.269	E	/
M2	20221105	Cloudy	Moderate	Mid-Flood	Surface	1	15:36	8.95	8.28	29.82	24.79	2.66	2.5	0.294	SE	/
M2	20221105	Cloudy	Moderate	Mid-Flood	Middle	7	15:35	8.90	8.19	29.89	24.81	2.79	3	0.264	E	/
M2	20221105	Cloudy	Moderate	Mid-Flood	Middle	7	15:35	8.98	8.21	29.91	24.87	2.84	2.5	0.294	SE	/
M2	20221105	Cloudy	Moderate	Mid-Flood	Bottom	13	15:34	8.88	8.20	29.76	24.75	2.94	15	0.272	SE	/
M2	20221105	Cloudy	Moderate	Mid-Flood	Bottom	13	15:34	9.00	8.21	29.83	24.86	2.97	16	0.290	E	/
M3	20221105	Cloudy	Moderate	Mid-Flood	Surface	1	15:05	8.24	8.22	30.06	24.68	3.52	3	0.287	SE	/
M3	20221105	Cloudy	Moderate	Mid-Flood	Surface	1	15:05	8.30	8.28	30.05	24.68	3.52	2.5	0.273	E	/
M3	20221105	Cloudy	Moderate	Mid-Flood	Middle	3.75	15:04	8.24	8.21	29.99	24.67	3.55	14	0.282	SE	/
M3	20221105	Cloudy	Moderate	Mid-Flood	Middle	3.75	15:04	8.24	8.28	30.13	24.65	3.63	17	0.304	SE	/
M3	20221105	Cloudy	Moderate	Mid-Flood	Bottom	6.5	15:03	8.24	8.23	30.06	24.65	3.50	13	0.276	E	/
M3	20221105	Cloudy	Moderate	Mid-Flood	Bottom	6.5	15:03	8.22	8.23	30.06	24.64	3.33	13	0.297	SE	/
M4	20221105	Cloudy	Moderate	Mid-Flood	Surface	1	16:17	8.52	8.16	30.58	24.62	2.87	21	0.283	SE	/
M4	20221105	Cloudy	Moderate	Mid-Flood	Surface	1	16:17	8.57	8.19	30.61	24.61	2.67	20	0.305	E	/
M4	20221105	Cloudy	Moderate	Mid-Flood	Bottom	3.9	16:16	8.62	8.17	30.56	24.64	3.27	7	0.279	E	/
M4	20221105	Cloudy	Moderate	Mid-Flood	Bottom	3.9	16:16	8.50	8.21	30.72	24.69	3.22	9	0.280	SE	/
C1	20221108	Cloudy	Moderate	Mid-Flood	Surface	1	17:15	8.63	8.20	31.19	24.77	3.74	5	0.277	SE	/
C1	20221108	Cloudy	Moderate	Mid-Flood	Surface	1	17:15	8.65	8.23	31.25	24.70	4.12	3	0.266	SE	/
C1	20221108	Cloudy	Moderate	Mid-Flood	Middle	9.55	17:14	8.68	8.12	31.36	24.76	3.71	2.5	0.294	E	/
C1	20221108	Cloudy	Moderate	Mid-Flood	Middle	9.55	17:14	8.63	8.18	31.19	24.71	3.84	2.5	0.287	SE	/
C1	20221108	Cloudy	Moderate	Mid-Flood	Bottom	18.1	17:13	8.63	8.22	31.36	24.72	4.21	7	0.281	E	/
C1	20221108	Cloudy	Moderate	Mid-Flood	Bottom	18.1	17:13	8.65	8.12	31.23	24.80	4.16	8	0.270	SE	/
C2	20221108	Cloudy	Moderate	Mid-Flood	Surface	1	16:09	8.69	8.19	31.36	24.96	4.36	17	0.302	SE	/
C2	20221108	Cloudy	Moderate	Mid-Flood	Surface	1	16:09	8.68	8.15	31.51	24.88	4.37	14	0.306	SE	/
C2	20221108	Cloudy	Moderate	Mid-Flood	Middle	11.9	16:08	8.62	8.23	31.42	24.84	4.31	5	0.299	SE	/
C2	20221108	Cloudy	Moderate	Mid-Flood	Middle	11.9	16:08	8.67	8.23	31.40	24.89	4.55	4	0.266	SE	/
C2	20221108	Cloudy	Moderate	Mid-Flood	Bottom	22.8	16:07	8.71	8.22	31.43	24.96	4.65	6	0.300	E	/
C2	20221108	Cloudy	Moderate	Mid-Flood	Bottom	22.8	16:07	8.65	8.19	31.43	24.92	4.75	7	0.282	E	/
M1	20221108	Cloudy	Moderate	Mid-Flood	Surface	1	16:42	8.67	8.21	31.96	24.82	3.64	2.5	0.289	E	/
M1	20221108	Cloudy	Moderate	Mid-Flood	Surface	1	16:42	8.64	8.25	31.94	24.96	3.53	4	0.307	E	/
M1	20221108	Cloudy	Moderate	Mid-Flood	Middle	3.7	16:41	8.71	8.27	32.17	24.95	3.49	6	0.300	E	/
M1	20221108	Cloudy	Moderate	Mid-Flood	Middle	3.7	16:41	8.71	8.23	32.09	24.83	3.31	7	0.281	SE	/
M1	20221108	Cloudy	Moderate	Mid-Flood	Bottom	6.4	16:40	8.71	8.26	32.07	24.92	3.41	15	0.283	E	/
M1	20221108	Cloudy	Moderate	Mid-Flood	Bottom	6.4	16:40	8.67	8.30	32.00	24.95	3.44	16	0.269	SE	/
M2	20221108	Cloudy	Moderate	Mid-Flood	Surface	1	16:58	8.46	8.24	31.98	24.85	3.57	15	0.286	SE	/
M2	20221108	Cloudy	Moderate	Mid-Flood	Surface	1	16:58	8.52	8.29	32.13	24.99	3.53	18	0.277	E	/
M2	20221108	Cloudy	Moderate	Mid-Flood	Middle	6.35	16:57	8.30	8.24	32.12	24.90	3.65	17	0.280	SE	/
M2	20221108	Cloudy	Moderate	Mid-Flood	Middle	6.35	16:57	8.45	8.28	32.02	24.82	3.43	18	0.296	E	/
M2	20221108	Cloudy	Moderate	Mid-Flood	Bottom	11.7	16:56	8.34	8.20	32.14	24.83	3.46	17	0.278	E	/
M2	20221108	Cloudy	Moderate	Mid-Flood	Bottom	11.7	16:56	8.25	8.23	32.24	24.90	3.55	17	0.293	SE	/
M3	20221108	Cloudy	Moderate	Mid-Flood	Surface	1	16:26	8.78	8.32	31.63	25.00	3.47	17	0.299	SE	/
M3	20221108	Cloudy	Moderate	Mid-Flood	Surface	1	16:26	8.74	8.32	31.51	24.95	3.55	17	0.304	SE	/
M3	20221108	Cloudy	Moderate	Mid-Flood	Middle	3.95	16:25	8.79	8.32	31.38	24.94	3.53	15	0.280	SE	/
M3	20221108	Cloudy	Moderate	Mid-Flood	Middle	3.95	16:25	8.80	8.27	31.48	24.99	3.38	19	0.299	SE	/
M3	20221108	Cloudy	Moderate	Mid-Flood	Bottom	6.9	16:24	8.79	8.31	31.62	24.95	3.63	4	0.281	SE	/
M3	20221108	Cloudy	Moderate	Mid-Flood	Bottom	6.9	16:24	8.79	8.24	31.55	24.86	3.48	3	0.286	E	/
M4	20221108	Cloudy	Moderate	Mid-Flood	Surface	1	17:31	8.63	8.19	31.63	24.82	3.70	2.5	0.282	SE	/
M4	20221108	Cloudy	Moderate	Mid-Flood	Surface	1	17:31	8.65	8.22	31.59	24.76	3.68	2.5	0.290	E	/
M4	20221108	Cloudy	Moderate	Mid-Flood	Bottom	4	17:30	8.63	8.22	31.79	24.73	4.04	2.5	0.289	SE	/
M4	20221108	Cloudy	Moderate	Mid-Flood	Bottom	4	17:30	8.62	8.22	31.74	24.74	4.01	3	0.308	SE	/
C1	20221110	Cloudy	Moderate	Mid-Flood	Surface	1	9:10	8.88	8.31	32.43	24.87	3.44	19	0.265	SE	/
C1	20221110	Cloudy	Moderate	Mid-Flood	Surface	1	9:10	8.88	8.32	32.52	24.84	3.50	16	0.300	SE	/
C1	20221110	Cloudy	Moderate	Mid-Flood	Middle	9.65	9:09	8.83	8.30	32.31	24.79	3.81	4	0.272	E	/
C1	20221110	Cloudy	Moderate	Mid-Flood	Middle	9.65	9:09	8.83	8.32	32.42	24.86	3.73	5	0.309	SE	/
C1	20221110	Cloudy	Moderate	Mid-Flood	Bottom	18.3	9:08	8.82	8.30	32.49	24.81	3.91	10	0.279	E	/
C1	20221110	Cloudy	Moderate	Mid-Flood	Bottom	18.3	9:08	8.80	8.32	32.40	24.78	4.07	7	0.269	E	/
C2	20221110	Cloudy	Moderate	Mid-Flood	Surface	1	8:05	8.38	8.21	32.73	24.99	3.91	2.5	0.267	E	/
C2	20221110	Cloudy	Moderate	Mid-Flood	Surface	1	8:05	8.41	8.23	32.52	24.89	3.80	4	0.303	SE	/
C2	20221110	Cloudy	Moderate	Mid-Flood	Middle	10.6	8:04	8.39	8.26	32.52	24.88	4.21	2.5	0.308	SE	/
C2	20221110	Cloudy	Moderate	Mid-Flood	Middle	10.6	8:04	8.41	8.26	32.50	24.88	4.19	4	0.310	SE	/
C2	20221110	Cloudy	Moderate	Mid-Flood	Bottom	20.2	8:03	8.45	8.25	32.66	24.98	4.31	8	0.311	E	/
C2	20221110	Cloudy	Moderate	Mid-Flood	Bottom	20.2	8:03	8.36	8.26	32.72	24.87	4.57	8	0.294	E	/
M1	20221110	Cloudy	Moderate	Mid-Flood	Surface	1	8:35	8.75	8.19	31.74	24.85	3.01	18	0.279	E	/
M1	20221110	Cloudy	Moderate	Mid-Flood	Surface	1	8:35	8.84	8.23	31.97	24.83	3.06	17	0.311	E	/
M1	20221110	Cloudy	Moderate	Mid-Flood	Middle	3.4	8:34	8.76	8.23	31.73	24.88	2.90	15	0.289	SE	/
M1	20221110	Cloudy	Moderate	Mid-Flood	Middle	3.4	8:34	8.80	8.25	31.84	24.82	3.06	17	0.291	E	/
M1	20221110	Cloudy	Moderate	Mid-Flood	Bottom	5.8	8:33	8.76	8.19	31.83	24.86	3.06	12	0.		

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	20221112	Cloudy	Moderate	Mid-Flood	Middle	12.75	8:01	8.27	8.19	31.79	25.22	4.29	16	0.291	SE	/
C2	20221112	Cloudy	Moderate	Mid-Flood	Bottom	24.5	8:00	8.28	8.24	31.77	25.29	4.66	3	0.267	E	/
C2	20221112	Cloudy	Moderate	Mid-Flood	Bottom	24.5	8:00	8.19	8.22	31.70	25.19	4.91	2.5	0.280	E	/
M1	20221112	Cloudy	Moderate	Mid-Flood	Surface	1	8:30	8.00	8.33	31.81	24.91	3.26	18	0.276	E	/
M1	20221112	Cloudy	Moderate	Mid-Flood	Surface	1	8:30	8.08	8.31	31.78	24.95	3.52	17	0.299	E	/
M1	20221112	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:29	8.08	8.32	31.78	24.92	3.14	18	0.285	E	/
M1	20221112	Cloudy	Moderate	Mid-Flood	Middle	3.6	8:29	8.13	8.29	31.89	24.86	3.27	18	0.273	E	/
M1	20221112	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:28	8.08	8.32	31.90	25.00	3.17	16	0.290	E	/
M1	20221112	Cloudy	Moderate	Mid-Flood	Bottom	6.2	8:28	8.04	8.34	31.81	24.88	3.07	15	0.266	SE	/
M2	20221112	Cloudy	Moderate	Mid-Flood	Surface	1	8:46	9.04	8.36	32.02	25.01	2.67	2.5	0.280	SE	/
M2	20221112	Cloudy	Moderate	Mid-Flood	Surface	1	8:46	9.07	8.32	31.94	25.04	2.60	2.5	0.275	SE	/
M2	20221112	Cloudy	Moderate	Mid-Flood	Middle	7.05	8:45	9.02	8.31	31.97	24.98	2.55	2.5	0.267	E	/
M2	20221112	Cloudy	Moderate	Mid-Flood	Middle	7.05	8:45	9.14	8.37	31.87	25.02	2.74	2.5	0.286	SE	/
M2	20221112	Cloudy	Moderate	Mid-Flood	Bottom	13.1	8:44	8.99	8.30	31.90	24.87	2.36	5	0.307	SE	/
M2	20221112	Cloudy	Moderate	Mid-Flood	Bottom	13.1	8:44	9.04	8.36	31.92	24.93	2.68	8	0.282	E	/
M3	20221112	Cloudy	Moderate	Mid-Flood	Surface	1	8:15	8.12	8.34	30.97	25.22	2.95	18	0.294	SE	/
M3	20221112	Cloudy	Moderate	Mid-Flood	Surface	1	8:15	8.19	8.29	31.06	25.09	2.78	17	0.290	E	/
M3	20221112	Cloudy	Moderate	Mid-Flood	Middle	4	8:14	8.14	8.32	30.95	25.17	3.06	16	0.264	SE	/
M3	20221112	Cloudy	Moderate	Mid-Flood	Middle	4	8:14	8.10	8.30	31.02	25.19	2.71	14	0.288	E	/
M3	20221112	Cloudy	Moderate	Mid-Flood	Bottom	7	8:13	8.26	8.35	30.95	25.12	2.66	2.5	0.308	SE	/
M3	20221112	Cloudy	Moderate	Mid-Flood	Bottom	7	8:13	8.22	8.30	30.98	25.11	2.78	2.5	0.266	E	/
M4	20221112	Cloudy	Moderate	Mid-Flood	Surface	1	9:21	8.78	8.26	30.94	25.01	2.95	15	0.280	E	/
M4	20221112	Cloudy	Moderate	Mid-Flood	Surface	1	9:21	8.84	8.23	30.95	24.90	2.93	18	0.297	SE	/
M4	20221112	Cloudy	Moderate	Mid-Flood	Bottom	3.9	9:20	8.74	8.23	31.06	24.94	2.97	16	0.279	SE	/
M4	20221112	Cloudy	Moderate	Mid-Flood	Bottom	3.9	9:20	8.68	8.27	31.01	24.97	3.01	15	0.263	E	/
C1	20221115	Cloudy	Moderate	Mid-Flood	Surface	1	15:11	8.91	8.28	33.22	24.45	4.23	4	0.308	SE	/
C1	20221115	Cloudy	Moderate	Mid-Flood	Surface	1	15:11	9.07	8.31	33.02	24.52	4.10	3	0.287	SE	/
C1	20221115	Cloudy	Moderate	Mid-Flood	Middle	9.85	15:10	8.94	8.31	33.00	24.46	4.81	10	0.288	E	/
C1	20221115	Cloudy	Moderate	Mid-Flood	Middle	9.85	15:10	9.04	8.29	33.19	24.61	4.66	11	0.282	SE	/
C1	20221115	Cloudy	Moderate	Mid-Flood	Bottom	18.7	15:09	9.06	8.31	33.22	24.61	5.07	6	0.303	E	/
C1	20221115	Cloudy	Moderate	Mid-Flood	Bottom	18.7	15:09	9.05	8.28	33.10	24.46	4.96	9	0.281	E	/
C2	20221115	Cloudy	Moderate	Mid-Flood	Surface	1	14:04	8.64	8.26	33.14	24.73	5.10	4	0.278	E	/
C2	20221115	Cloudy	Moderate	Mid-Flood	Surface	1	14:04	8.67	8.23	33.10	24.64	5.34	6	0.304	E	/
C2	20221115	Cloudy	Moderate	Mid-Flood	Middle	11.8	14:03	8.58	8.24	33.20	24.63	5.45	6	0.278	SE	/
C2	20221115	Cloudy	Moderate	Mid-Flood	Middle	11.8	14:03	8.76	8.25	33.18	24.74	5.28	5	0.295	SE	/
C2	20221115	Cloudy	Moderate	Mid-Flood	Bottom	22.6	14:02	8.66	8.22	33.19	24.73	5.69	15	0.285	E	/
C2	20221115	Cloudy	Moderate	Mid-Flood	Bottom	22.6	14:02	8.53	8.24	33.13	24.67	5.83	14	0.293	SE	/
M1	20221115	Cloudy	Moderate	Mid-Flood	Surface	1	14:35	8.33	8.27	32.20	24.57	3.85	18	0.269	SE	/
M1	20221115	Cloudy	Moderate	Mid-Flood	Surface	1	14:35	8.19	8.27	32.14	24.61	3.95	18	0.273	SE	/
M1	20221115	Cloudy	Moderate	Mid-Flood	Middle	3.65	14:34	8.18	8.27	32.19	24.65	3.84	24	0.284	SE	/
M1	20221115	Cloudy	Moderate	Mid-Flood	Middle	3.65	14:34	8.31	8.22	32.12	24.68	3.80	22	0.303	SE	/
M1	20221115	Cloudy	Moderate	Mid-Flood	Bottom	6.3	14:33	8.28	8.21	32.09	24.52	3.68	14	0.304	SE	/
M1	20221115	Cloudy	Moderate	Mid-Flood	Bottom	6.3	14:33	8.12	8.20	32.21	24.67	3.70	14	0.265	SE	/
M2	20221115	Cloudy	Moderate	Mid-Flood	Surface	1	14:53	9.18	8.27	33.12	24.65	3.60	13	0.275	SE	/
M2	20221115	Cloudy	Moderate	Mid-Flood	Surface	1	14:53	9.17	8.27	33.21	24.60	3.89	12	0.310	SE	/
M2	20221115	Cloudy	Moderate	Mid-Flood	Middle	6	14:52	9.20	8.25	33.12	24.50	3.78	7	0.305	E	/
M2	20221115	Cloudy	Moderate	Mid-Flood	Middle	6	14:52	9.23	8.28	33.23	24.50	3.76	10	0.279	SE	/
M2	20221115	Cloudy	Moderate	Mid-Flood	Bottom	11	14:51	9.30	8.32	33.28	24.64	3.59	17	0.274	E	/
M2	20221115	Cloudy	Moderate	Mid-Flood	Bottom	11	14:51	9.26	8.25	33.02	24.62	3.88	16	0.307	E	/
M3	20221115	Cloudy	Moderate	Mid-Flood	Surface	1	14:18	8.38	8.22	32.15	24.82	4.68	17	0.278	E	/
M3	20221115	Cloudy	Moderate	Mid-Flood	Surface	1	14:18	8.56	8.23	32.24	24.83	4.81	16	0.268	E	/
M3	20221115	Cloudy	Moderate	Mid-Flood	Middle	3.7	14:17	8.44	8.26	32.22	24.74	4.95	17	0.293	SE	/
M3	20221115	Cloudy	Moderate	Mid-Flood	Middle	3.7	14:17	8.52	8.27	32.11	24.79	4.80	18	0.281	E	/
M3	20221115	Cloudy	Moderate	Mid-Flood	Bottom	6.4	14:16	8.43	8.27	31.97	24.77	4.78	16	0.273	SE	/
M3	20221115	Cloudy	Moderate	Mid-Flood	Bottom	6.4	14:16	8.59	8.21	32.24	24.83	4.58	17	0.297	SE	/
M4	20221115	Cloudy	Moderate	Mid-Flood	Surface	1	15:31	8.35	8.21	33.14	24.75	3.98	9	0.307	E	/
M4	20221115	Cloudy	Moderate	Mid-Flood	Surface	1	15:31	8.53	8.19	32.89	24.86	3.63	7	0.278	SE	/
M4	20221115	Cloudy	Moderate	Mid-Flood	Bottom	4.6	15:30	8.45	8.21	32.84	24.90	3.90	7	0.265	SE	/
M4	20221115	Cloudy	Moderate	Mid-Flood	Bottom	4.6	15:30	8.33	8.21	32.94	24.90	4.00	8	0.306	SE	/
C1	20221117	Cloudy	Moderate	Mid-Flood	Surface	1	16:37	8.95	8.20	32.02	24.86	3.48	4	0.273	SE	/
C1	20221117	Cloudy	Moderate	Mid-Flood	Surface	1	16:37	9.00	8.27	31.81	24.90	3.41	4	0.299	E	/
C1	20221117	Cloudy	Moderate	Mid-Flood	Middle	9.9	16:36	9.02	8.19	31.86	25.02	3.72	7	0.297	E	/
C1	20221117	Cloudy	Moderate	Mid-Flood	Middle	9.9	16:36	9.12	8.19	31.98	24.87	3.59	7	0.263	SE	/
C1	20221117	Cloudy	Moderate	Mid-Flood	Bottom	18.8	16:35	9.01	8.23	32.00	24.92	3.83	2.5	0.300	SE	/
C1	20221117	Cloudy	Moderate	Mid-Flood	Bottom	18.8	16:35	8.94	8.26	32.02	24.97	3.72	3	0.284	SE	/
C2	20221117	Cloudy	Moderate	Mid-Flood	Surface	1	15:33	8.48	8.24	32.32	25.26	3.67	12	0.292	SE	/
C2	20221117	Cloudy	Moderate	Mid-Flood	Surface	1	15:33	8.54	8.25	32.38	25.26	3.88	15	0.271	SE	/
C2	20221117	Cloudy	Moderate	Mid-Flood	Middle	10.5	15:32	8.50	8.25	32.28	25.18	4.12	11	0.304	E	/
C2	20221117	Cloudy	Moderate	Mid-Flood	Middle	10.5	15:32	8.53	8.23	32.26	25.31	3.99	13	0.275	SE	/
C2	20221117	Cloudy	Moderate	Mid-Flood	Bottom	20	15:31	8.50	8.25	32.35	25.12	4.22	10	0.286	SE	/
C2	20221117	Cloudy	Moderate	Mid-Flood	Bottom	20	15:31	8.51	8.25	32.32	25.12	4.30	13	0.276	SE	/
M1	20221117	Cloudy	Moderate	Mid-Flood	Surface	1	16:05	8.41	8.24	32.58	25.31	3.63	7	0.279	E	/
M1	20221117	Cloudy	Moderate	Mid-Flood	Surface	1	16:05	8.49	8.25	32.61	25.18	3.64	6	0.283	E	/
M1	20221117	Cloudy	Moderate	Mid-Flood	Middle	3.4	16:04	8.50	8.26	32.59	25.26	3.91	9	0.269	E	/
M1	20221117	Cloudy	Moderate	Mid-Flood	Middle	3.4	16:04	8.42	8.26	32.52	25.24	4.00	7	0.289	E	/
M1	20221117	Cloudy	Moderate	Mid-Flood	Bottom	5.8	16:03	8.47	8.23	32.53	25.13	3.63	8	0.281	SE	/
M1	20221117	Cloudy	Moderate	Mid-Flood	Bottom	5.8	16:03	8.45	8.25	32.57	25.23	3.93	6	0.268	SE	/
M2	20221117	Cloudy	Moderate	Mid-Flood	Surface	1	16:22	8.44	8.26	33.12	25.11	2.54	4	0.308	E	/
M2	20221117	Cloudy	Moderate	Mid-Flood	Surface	1	16:22	8.39	8.25	33.06	25.00	2.88	5	0.299	E	/
M2	20221117	Cloudy	Moderate	Mid-Flood	Middle	5.8	16:21	8.51	8.27	33.09	25.08	2.42	4	0.271	E	/
M2	20221117	Cloudy	Moderate	Mid-Flood	Middle	5.8	16:21	8.51	8.28	32.93	25.08	2.77	2.5	0.271	SE	/
M2	20221117	Cloudy	Moderate	Mid-Flood	Bottom	10.6	16:20	8.40	8.29	32.95	25.11	2.54	10	0.276	SE	/
M2	20221117	Cloudy	Moderate	Mid-Flood	Bottom	10.6	16:20	8.42	8.31	33.05	25.18	2.77	13	0.268	SE	/
M3	20221117	Cloudy	Moderate	Mid-Flood	Surface	1	15:50	8.66	8.22	33.00	25.18	3.73	6	0.265	SE	/
M3	20221117	Cloudy	Moderate	Mid-Flood	Surface	1	15:50	8.55	8.26	32.97	25.26	3.53	5	0.296	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	20221119	Cloudy	Moderate	Mid-Flood	Surface	1	14:37	9.24	8.21	33.15	25.84	3.99	5	0.295	SE	/
M2	20221119	Cloudy	Moderate	Mid-Flood	Surface	1	14:37	9.10	8.20	33.23	25.69	4.29	6	0.283	E	/
M2	20221119	Cloudy	Moderate	Mid-Flood	Middle	6.65	14:36	9.26	8.22	32.16	25.86	4.38	4	0.289	E	/
M2	20221119	Cloudy	Moderate	Mid-Flood	Middle	6.65	14:36	9.25	8.21	32.29	25.84	4.10	2.5	0.301	E	/
M2	20221119	Cloudy	Moderate	Mid-Flood	Bottom	12.3	14:35	9.25	8.19	32.25	25.74	3.99	3	0.263	SE	/
M2	20221119	Cloudy	Moderate	Mid-Flood	Bottom	12.3	14:35	9.06	8.19	32.26	25.78	4.31	2.5	0.268	SE	/
M3	20221119	Cloudy	Moderate	Mid-Flood	Surface	1	14:07	8.96	8.25	31.80	25.77	4.55	2.5	0.283	SE	/
M3	20221119	Cloudy	Moderate	Mid-Flood	Surface	1	14:07	8.97	8.27	31.93	25.77	4.83	4	0.303	SE	/
M3	20221119	Cloudy	Moderate	Mid-Flood	Middle	3.65	14:06	8.95	8.27	31.41	25.78	4.67	2.5	0.278	SE	/
M3	20221119	Cloudy	Moderate	Mid-Flood	Middle	3.65	14:06	8.81	8.27	32.47	25.69	4.65	2.5	0.282	SE	/
M3	20221119	Cloudy	Moderate	Mid-Flood	Bottom	6.3	14:05	8.84	8.23	32.50	25.86	4.86	2.5	0.285	SE	/
M3	20221119	Cloudy	Moderate	Mid-Flood	Bottom	6.3	14:05	8.98	8.26	31.81	25.85	4.85	2.5	0.274	E	/
M4	20221119	Cloudy	Moderate	Mid-Flood	Surface	1	14:56	9.20	8.06	32.60	26.02	3.89	4	0.267	SE	/
M4	20221119	Cloudy	Moderate	Mid-Flood	Surface	1	14:56	9.18	8.10	31.96	25.94	4.02	2.5	0.297	SE	/
M4	20221119	Cloudy	Moderate	Mid-Flood	Bottom	4.4	14:55	9.22	8.05	32.65	26.08	4.06	2.5	0.293	E	/
M4	20221119	Cloudy	Moderate	Mid-Flood	Bottom	4.4	14:55	9.19	8.05	32.09	26.02	4.30	2.5	0.295	SE	/
C1	20221122	Cloudy	Moderate	Mid-Flood	Surface	1	17:00	8.52	8.29	33.70	24.92	3.10	2.5	0.285	E	/
C1	20221122	Cloudy	Moderate	Mid-Flood	Surface	1	17:00	8.44	8.30	33.74	24.80	3.10	4	0.298	SE	/
C1	20221122	Cloudy	Moderate	Mid-Flood	Middle	11.55	16:59	8.47	8.28	33.82	25.25	3.43	9	0.289	SE	/
C1	20221122	Cloudy	Moderate	Mid-Flood	Middle	11.55	16:59	8.43	8.26	33.81	24.62	3.26	8	0.286	E	/
C1	20221122	Cloudy	Moderate	Mid-Flood	Bottom	22.1	16:58	8.47	8.31	33.67	25.48	3.45	7	0.284	SE	/
C1	20221122	Cloudy	Moderate	Mid-Flood	Bottom	22.1	16:58	8.46	8.28	33.66	24.53	3.13	9	0.274	SE	/
C2	20221122	Cloudy	Moderate	Mid-Flood	Surface	1	15:56	8.82	8.13	32.83	25.03	3.55	8	0.301	SE	/
C2	20221122	Cloudy	Moderate	Mid-Flood	Surface	1	15:56	8.89	8.09	32.86	25.80	3.64	6	0.305	E	/
C2	20221122	Cloudy	Moderate	Mid-Flood	Middle	12.75	15:55	8.88	8.12	32.86	24.79	3.68	7	0.310	E	/
C2	20221122	Cloudy	Moderate	Mid-Flood	Middle	12.75	15:55	8.84	8.12	32.78	24.81	3.73	7	0.283	SE	/
C2	20221122	Cloudy	Moderate	Mid-Flood	Bottom	24.5	15:54	8.87	8.13	32.72	25.89	3.89	9	0.286	E	/
C2	20221122	Cloudy	Moderate	Mid-Flood	Bottom	24.5	15:54	8.85	8.11	32.73	25.33	3.95	8	0.271	SE	/
M1	20221122	Cloudy	Moderate	Mid-Flood	Surface	1	16:27	8.68	8.33	33.64	25.11	2.58	14	0.304	SE	/
M1	20221122	Cloudy	Moderate	Mid-Flood	Surface	1	16:27	8.58	8.30	33.73	25.81	2.88	13	0.284	E	/
M1	20221122	Cloudy	Moderate	Mid-Flood	Middle	3.35	16:26	8.66	8.33	33.63	24.67	2.50	13	0.296	SE	/
M1	20221122	Cloudy	Moderate	Mid-Flood	Middle	3.35	16:26	8.62	8.32	33.76	25.41	2.63	10	0.270	E	/
M1	20221122	Cloudy	Moderate	Mid-Flood	Bottom	5.7	16:25	8.70	8.30	33.69	24.70	3.00	9	0.304	SE	/
M1	20221122	Cloudy	Moderate	Mid-Flood	Bottom	5.7	16:25	8.59	8.29	33.63	24.99	2.67	10	0.292	SE	/
M2	20221122	Cloudy	Moderate	Mid-Flood	Surface	1	16:44	8.76	8.12	33.37	25.56	3.13	9	0.305	SE	/
M2	20221122	Cloudy	Moderate	Mid-Flood	Surface	1	16:44	8.78	8.12	33.46	25.18	3.47	10	0.302	E	/
M2	20221122	Cloudy	Moderate	Mid-Flood	Middle	6.95	16:43	8.81	8.08	33.32	25.25	3.43	11	0.293	SE	/
M2	20221122	Cloudy	Moderate	Mid-Flood	Middle	6.95	16:43	8.73	8.12	33.42	25.12	3.01	12	0.269	E	/
M2	20221122	Cloudy	Moderate	Mid-Flood	Bottom	12.9	16:42	8.69	8.13	33.32	25.29	3.42	11	0.271	SE	/
M2	20221122	Cloudy	Moderate	Mid-Flood	Bottom	12.9	16:42	8.77	8.10	33.37	24.98	3.43	10	0.280	SE	/
M3	20221122	Cloudy	Moderate	Mid-Flood	Surface	1	16:11	8.62	8.23	33.09	24.83	2.63	9	0.305	E	/
M3	20221122	Cloudy	Moderate	Mid-Flood	Surface	1	16:11	8.63	8.26	33.07	25.34	2.30	7	0.276	E	/
M3	20221122	Cloudy	Moderate	Mid-Flood	Middle	3.3	16:10	8.62	8.23	33.17	25.49	2.39	2.5	0.297	SE	/
M3	20221122	Cloudy	Moderate	Mid-Flood	Middle	3.3	16:10	8.59	8.24	33.11	24.55	2.31	2.5	0.297	SE	/
M3	20221122	Cloudy	Moderate	Mid-Flood	Bottom	5.6	16:09	8.57	8.24	33.08	25.20	2.48	15	0.303	E	/
M3	20221122	Cloudy	Moderate	Mid-Flood	Bottom	5.6	16:09	8.69	8.26	33.15	24.73	2.11	17	0.309	E	/
M4	20221122	Cloudy	Moderate	Mid-Flood	Surface	1	17:15	8.24	8.14	33.53	24.56	3.05	8	0.287	E	/
M4	20221122	Cloudy	Moderate	Mid-Flood	Surface	1	17:15	8.22	8.17	33.58	25.59	2.75	8	0.292	E	/
M4	20221122	Cloudy	Moderate	Mid-Flood	Bottom	4.6	17:14	8.29	8.14	33.56	25.40	2.84	3	0.310	SE	/
M4	20221122	Cloudy	Moderate	Mid-Flood	Bottom	4.6	17:14	8.31	8.18	33.50	24.65	2.94	2.5	0.311	SE	/
C1	20221124	Cloudy	Moderate	Mid-Flood	Surface	1	17:07	8.58	8.25	32.37	24.73	4.34	2.5	0.302	SE	/
C1	20221124	Cloudy	Moderate	Mid-Flood	Surface	1	17:07	8.50	8.25	32.35	24.67	4.18	2.5	0.278	E	/
C1	20221124	Cloudy	Moderate	Mid-Flood	Middle	10	17:06	8.52	8.25	32.34	24.64	4.25	3	0.300	E	/
C1	20221124	Cloudy	Moderate	Mid-Flood	Middle	10	17:06	8.51	8.26	32.34	24.70	4.45	2.5	0.291	SE	/
C1	20221124	Cloudy	Moderate	Mid-Flood	Bottom	19	17:05	8.55	8.24	32.51	24.65	4.72	3	0.297	SE	/
C1	20221124	Cloudy	Moderate	Mid-Flood	Bottom	19	17:05	8.63	8.24	32.46	24.65	4.52	5	0.288	E	/
C2	20221124	Cloudy	Moderate	Mid-Flood	Surface	1	15:56	8.15	8.22	32.27	24.46	4.95	3	0.298	E	/
C2	20221124	Cloudy	Moderate	Mid-Flood	Surface	1	15:56	8.24	8.23	32.50	24.53	4.56	3	0.306	E	/
C2	20221124	Cloudy	Moderate	Mid-Flood	Middle	10.65	15:55	8.26	8.23	32.28	24.57	5.04	2.5	0.285	SE	/
C2	20221124	Cloudy	Moderate	Mid-Flood	Middle	10.65	15:55	8.26	8.17	32.31	24.55	4.89	3	0.287	E	/
C2	20221124	Cloudy	Moderate	Mid-Flood	Bottom	20.3	15:54	8.20	8.19	32.41	24.63	5.50	13	0.296	SE	/
C2	20221124	Cloudy	Moderate	Mid-Flood	Bottom	20.3	15:54	8.21	8.20	32.45	24.47	5.80	10	0.309	E	/
M1	20221124	Cloudy	Moderate	Mid-Flood	Surface	1	16:30	8.65	8.21	31.98	24.52	3.47	2.5	0.271	SE	/
M1	20221124	Cloudy	Moderate	Mid-Flood	Surface	1	16:30	8.73	8.22	32.08	24.40	3.54	4	0.306	SE	/
M1	20221124	Cloudy	Moderate	Mid-Flood	Middle	3.35	16:29	8.73	8.23	32.00	24.45	3.77	9	0.269	SE	/
M1	20221124	Cloudy	Moderate	Mid-Flood	Middle	3.35	16:29	8.73	8.23	32.03	24.50	3.71	8	0.280	SE	/
M1	20221124	Cloudy	Moderate	Mid-Flood	Bottom	5.7	16:28	8.72	8.20	31.99	24.54	3.87	2.5	0.297	SE	/
M1	20221124	Cloudy	Moderate	Mid-Flood	Bottom	5.7	16:28	8.72	8.22	32.22	24.54	3.71	2.5	0.271	E	/
M2	20221124	Cloudy	Moderate	Mid-Flood	Surface	1	16:49	8.18	8.19	32.14	24.53	3.69	2.5	0.298	SE	/
M2	20221124	Cloudy	Moderate	Mid-Flood	Surface	1	16:49	8.17	8.21	32.17	24.37	3.66	2.5	0.305	SE	/
M2	20221124	Cloudy	Moderate	Mid-Flood	Middle	6.85	16:48	8.19	8.24	32.17	24.45	3.51	4	0.283	E	/
M2	20221124	Cloudy	Moderate	Mid-Flood	Middle	6.85	16:48	8.23	8.25	31.95	24.45	3.55	2.5	0.304	E	/
M2	20221124	Cloudy	Moderate	Mid-Flood	Bottom	12.7	16:47	8.21	8.18	32.11	24.47	3.53	2.5	0.292	SE	/
M2	20221124	Cloudy	Moderate	Mid-Flood	Bottom	12.7	16:47	8.26	8.25	32.04	24.51	3.66	2.5	0.287	SE	/
M3	20221124	Cloudy	Moderate	Mid-Flood	Surface	1	16:12	8.09	8.18	32.28	24.71	4.01	2.5	0.307	E	/
M3	20221124	Cloudy	Moderate	Mid-Flood	Surface	1	16:12	8.09	8.22	32.47	24.60	4.09	4	0.301	SE	/
M3	20221124	Cloudy	Moderate	Mid-Flood	Middle	3.4	16:11	8.19	8.20	32.34	24.66	3.74	2.5	0.280	SE	/
M3	20221124	Cloudy	Moderate	Mid-Flood	Middle	3.4	16:11	8.20	8.20	32.40	24.59	3.89	2.5	0.310	SE	/
M3	20221124	Cloudy	Moderate	Mid-Flood	Bottom	5.8	16:10	8.21	8.20	32.25	24.70	4.05	2.5	0.269	E	/
M3	20221124	Cloudy	Moderate	Mid-Flood	Bottom	5.8	16:10	8.23	8.23	32.19	24.60	4.17	2.5	0.311	E	/
M4	20221124	Cloudy	Moderate	Mid-Flood	Surface	1	17:26	8.65	8.24	32.93	24.36	3.36	2.5	0.310	SE	/
M4	20221124	Cloudy	Moderate	Mid-Flood	Surface	1	17:26	8.57	8.25	32.87	24.31	3.29	2.5	0.284	E	/
M4	20221124	Cloudy	Moderate	Mid-Flood	Bottom	4.4	17:25	8.55	8.22	32.79	24.36	3.59	2.5	0.297	E	/
M4	20221124	Cloudy	Moderate	Mid-Flood	Bottom	4.4	17:25	8.62	8.23	32.89	24.38	3.17	2.5	0.295	E	/
C1	20221126	Cloudy	Moderate	Mid-Flood	Surface	1	9:49	8.22	8.							

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
M3	20221126	Cloudy	Moderate	Mid-Flood	Middle	3.95	8:56	8.13	8.27	32.84	24.33	4.06	6	0.279	E	/
M3	20221126	Cloudy	Moderate	Mid-Flood	Bottom	6.9	8:55	8.18	8.26	32.74	24.44	4.35	5	0.276	SE	/
M3	20221126	Cloudy	Moderate	Mid-Flood	Bottom	6.9	8:55	8.21	8.24	32.88	24.37	4.03	7	0.309	E	/
M4	20221126	Cloudy	Moderate	Mid-Flood	Surface	1	10:08	8.75	8.28	32.51	24.31	4.76	5	0.269	SE	/
M4	20221126	Cloudy	Moderate	Mid-Flood	Surface	1	10:08	8.79	8.28	32.37	24.32	5.03	6	0.265	E	/
M4	20221126	Cloudy	Moderate	Mid-Flood	Bottom	3.7	10:07	8.83	8.29	32.51	24.31	4.84	2.5	0.306	E	/
M4	20221126	Cloudy	Moderate	Mid-Flood	Bottom	3.7	10:07	8.84	8.28	32.33	24.26	5.01	2.5	0.294	SE	/
C1	20221128	Cloudy	Moderate	Mid-Flood	Surface	1	11:05	9.01	8.28	32.37	25.40	3.27	3	0.27	SE	/
C1	20221128	Cloudy	Moderate	Mid-Flood	Surface	1	11:05	8.91	8.3	32.42	25.40	3.42	5	0.291	SE	/
C1	20221128	Cloudy	Moderate	Mid-Flood	Middle	9.55	11:04	8.92	8.32	32.43	25.34	3.99	4	0.268	E	/
C1	20221128	Cloudy	Moderate	Mid-Flood	Middle	9.55	11:04	8.99	8.33	32.45	25.28	3.61	5	0.292	E	/
C1	20221128	Cloudy	Moderate	Mid-Flood	Bottom	18.1	11:03	9.03	8.3	32.34	25.41	4.24	2.5	0.297	E	/
C1	20221128	Cloudy	Moderate	Mid-Flood	Bottom	18.1	11:03	9.07	8.32	32.24	25.36	4.13	2.5	0.301	E	/
C2	20221128	Cloudy	Moderate	Mid-Flood	Surface	1	8:40	8.74	8.31	32.89	25.12	4.64	10	0.269	E	/
C2	20221128	Cloudy	Moderate	Mid-Flood	Surface	1	8:40	8.79	8.34	32.88	25.18	4.28	7	0.268	E	/
C2	20221128	Cloudy	Moderate	Mid-Flood	Middle	12.45	8:39	8.71	8.31	32.88	25.19	4.77	2.5	0.264	SE	/
C2	20221128	Cloudy	Moderate	Mid-Flood	Middle	12.45	8:39	8.7	8.35	32.78	25.10	5.04	2.5	0.395	SE	/
C2	20221128	Cloudy	Moderate	Mid-Flood	Bottom	23.9	8:38	8.79	8.34	32.97	25.12	4.91	5	0.309	SE	/
C2	20221128	Cloudy	Moderate	Mid-Flood	Bottom	23.9	8:38	8.83	8.38	32.99	25.12	4.88	5	0.31	SE	/
M1	20221128	Cloudy	Moderate	Mid-Flood	Surface	1	9:13	8.34	8.31	32.54	25.01	3.8	4	0.266	SE	/
M1	20221128	Cloudy	Moderate	Mid-Flood	Surface	1	9:13	8.28	8.33	32.78	24.96	3.54	6	0.291	E	/
M1	20221128	Cloudy	Moderate	Mid-Flood	Middle	3.55	9:12	8.38	8.32	32.56	25.00	3.8	3	0.292	E	/
M1	20221128	Cloudy	Moderate	Mid-Flood	Middle	3.55	9:12	8.3	8.35	32.55	25.04	3.31	4	0.271	E	/
M1	20221128	Cloudy	Moderate	Mid-Flood	Bottom	6.1	9:11	8.2	8.31	32.66	24.99	3.55	4	0.268	E	/
M1	20221128	Cloudy	Moderate	Mid-Flood	Bottom	6.1	9:11	8.33	8.32	32.60	25.10	3.3	4	0.263	E	/
M2	20221128	Cloudy	Moderate	Mid-Flood	Surface	1	9:42	9.05	8.29	32.90	25.30	2.65	11	0.31	SE	/
M2	20221128	Cloudy	Moderate	Mid-Flood	Surface	1	9:42	9.07	8.36	32.84	25.30	2.75	11	0.308	SE	/
M2	20221128	Cloudy	Moderate	Mid-Flood	Middle	6.75	9:41	9.06	8.29	32.78	25.33	2.76	3	0.282	E	/
M2	20221128	Cloudy	Moderate	Mid-Flood	Middle	6.75	9:41	9.18	8.31	32.83	25.24	2.7	3	0.305	SE	/
M2	20221128	Cloudy	Moderate	Mid-Flood	Bottom	12.5	9:40	9.08	8.31	32.89	25.29	2.59	2.5	0.279	E	/
M2	20221128	Cloudy	Moderate	Mid-Flood	Bottom	12.5	9:40	9.08	8.33	32.91	25.17	2.67	2.5	0.263	E	/
M3	20221128	Cloudy	Moderate	Mid-Flood	Surface	1	8:56	8.25	8.25	32.03	25.40	2.72	4	0.279	SE	/
M3	20221128	Cloudy	Moderate	Mid-Flood	Surface	1	8:56	8.2	8.26	31.96	25.39	2.34	2.5	0.282	E	/
M3	20221128	Cloudy	Moderate	Mid-Flood	Middle	3.55	8:55	8.33	8.22	32.03	25.35	2.49	2.5	0.265	E	/
M3	20221128	Cloudy	Moderate	Mid-Flood	Middle	3.55	8:55	8.3	8.24	31.80	25.38	2.51	3	0.311	SE	/
M3	20221128	Cloudy	Moderate	Mid-Flood	Bottom	6.1	8:54	8.27	8.25	32.02	25.31	2.7	2.5	0.285	SE	/
M3	20221128	Cloudy	Moderate	Mid-Flood	Bottom	6.1	8:54	8.34	8.26	31.95	25.30	2.44	3	0.305	E	/
M4	20221128	Cloudy	Moderate	Mid-Flood	Surface	1	11:31	8.61	8.23	32.42	25.20	2.53	2.5	0.296	SE	/
M4	20221128	Cloudy	Moderate	Mid-Flood	Surface	1	11:31	8.61	8.26	32.32	25.17	2.2	2.5	0.292	SE	/
M4	20221128	Cloudy	Moderate	Mid-Flood	Bottom	4.4	11:30	8.55	8.24	32.31	25.30	2.18	5	0.309	E	/
M4	20221128	Cloudy	Moderate	Mid-Flood	Bottom	4.4	11:30	8.58	8.26	32.40	25.25	2.37	7	0.303	SE	/





