

# 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	20230501	Cloudy	Moderate	Mid-Ebb	Surface	1	8:25	8.53	8.17	32.61	24.60		2.84	2.5	0.296	SE	/
C1	20230501	Cloudy	Moderate	Mid-Ebb	Surface	1	8:25	8.56	8.2	32.67	24.67		2.91	2.5	0.267	SE	/
C1	20230501	Cloudy	Moderate	Mid-Ebb	Middle	9.8	8:24	8.7	8.2	32.54	24.51		3.17	2.5	0.293	SE	/
C1	20230501	Cloudy	Moderate	Mid-Ebb	Middle	9.8	8:24	8.79	8.2	32.43	24.62		2.92	2.5	0.282	SE	/
C1	20230501	Cloudy	Moderate	Mid-Ebb	Bottom	18.6	8:23	8.73	8.22	32.45	24.65		3.15	3	0.273	SE	/
C1	20230501	Cloudy	Moderate	Mid-Ebb	Bottom	18.6	8:23	8.63	8.23	32.50	24.61		2.94	2.5	0.298	E	/
C2	20230501	Cloudy	Moderate	Mid-Ebb	Surface	1	9:34	8.21	8.29	31.74	24.68		2.41	2.5	0.298	SE	/
C2	20230501	Cloudy	Moderate	Mid-Ebb	Surface	1	9:34	8.31	8.3	32.01	24.55		2.36	3	0.272	SE	/
C2	20230501	Cloudy	Moderate	Mid-Ebb	Middle	11.9	9:33	8.3	8.27	31.88	24.61		2.57	2.5	0.289	E	/
C2	20230501	Cloudy	Moderate	Mid-Ebb	Middle	11.9	9:33	8.31	8.28	31.76	24.59		2.48	2.5	0.293	SE	/
C2	20230501	Cloudy	Moderate	Mid-Ebb	Bottom	22.8	9:32	8.32	8.26	31.89	24.52		2.67	2.5	0.290	SE	/
C2	20230501	Cloudy	Moderate	Mid-Ebb	Bottom	22.8	9:32	8.27	8.29	31.78	24.66		2.59	2.5	0.265	E	/
M1	20230501	Cloudy	Moderate	Mid-Ebb	Surface	1	8:59	8.33	8.16	32.69	24.37		2.49	2.5	0.276	SE	/
M1	20230501	Cloudy	Moderate	Mid-Ebb	Surface	1	8:59	8.32	8.19	32.46	24.47		2.36	2.5	0.289	E	/
M1	20230501	Cloudy	Moderate	Mid-Ebb	Middle	3.3	8:58	8.39	8.17	32.45	24.47		2.53	2.5	0.289	E	/
M1	20230501	Cloudy	Moderate	Mid-Ebb	Middle	3.3	8:58	8.37	8.18	32.67	24.51		2.5	2.5	0.271	SE	/
M1	20230501	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	8:57	8.34	8.17	32.59	24.46		2.11	2.5	0.281	SE	/
M1	20230501	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	8:57	8.32	8.18	32.57	24.51		2.14	2.5	0.282	E	/
M2	20230501	Cloudy	Moderate	Mid-Ebb	Surface	1	8:42	8.72	8.17	33.09	24.34		2.28	2.5	0.273	E	/
M2	20230501	Cloudy	Moderate	Mid-Ebb	Surface	1	8:42	8.83	8.19	32.88	24.39		2.08	3	0.287	SE	/
M2	20230501	Cloudy	Moderate	Mid-Ebb	Middle	6.75	8:41	8.9	8.14	32.99	24.46		2.24	2.5	0.270	SE	/
M2	20230501	Cloudy	Moderate	Mid-Ebb	Middle	6.75	8:41	8.89	8.15	32.89	24.39		2.07	3	0.273	E	/
M2	20230501	Cloudy	Moderate	Mid-Ebb	Bottom	12.5	8:40	8.74	8.19	32.81	24.44		2.2	2.5	0.284	E	/
M2	20230501	Cloudy	Moderate	Mid-Ebb	Bottom	12.5	8:40	8.84	8.19	32.84	24.34		1.97	2.5	0.266	SE	/
M3	20230501	Cloudy	Moderate	Mid-Ebb	Surface	1	9:16	8.52	8.19	32.72	24.49		2.14	2.5	0.289	E	/
M3	20230501	Cloudy	Moderate	Mid-Ebb	Surface	1	9:16	8.54	8.19	32.71	24.51		2.28	2.5	0.295	SE	/
M3	20230501	Cloudy	Moderate	Mid-Ebb	Middle	4	9:15	8.59	8.17	32.66	24.42		2.21	2.5	0.298	SE	/
M3	20230501	Cloudy	Moderate	Mid-Ebb	Middle	4	9:15	8.48	8.19	32.59	24.49		2.45	2.5	0.290	SE	/
M3	20230501	Cloudy	Moderate	Mid-Ebb	Bottom	7	9:14	8.51	8.19	32.54	24.49		2.08	2.5	0.274	E	/
M3	20230501	Cloudy	Moderate	Mid-Ebb	Bottom	7	9:14	8.7	8.17	32.65	24.43		2.42	2.5	0.270	E	/
M4	20230501	Cloudy	Moderate	Mid-Ebb	Surface	1	10:09	9.16	8.3	31.67	24.60		2.56	2.5	0.269	SE	/
M4	20230501	Cloudy	Moderate	Mid-Ebb	Surface	1	10:09	8.9	8.3	31.56	24.61		2.17	2.5	0.277	E	/
M4	20230501	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	10:08	9.14	8.3	31.87	24.63		2.38	2.5	0.297	SE	/
M4	20230501	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	10:08	8.92	8.33	31.83	24.67		2.45	2.5	0.290	SE	/
C1	20230503	Sunny	Moderate	Mid-Ebb	Surface	1	9:17	9.29	8.24	32.71	24.93		3.66	2.5	0.270	SE	/
C1	20230503	Sunny	Moderate	Mid-Ebb	Surface	1	9:17	9.18	8.26	32.74	25.09		3.91	2.5	0.300	SE	/
C1	20230503	Sunny	Moderate	Mid-Ebb	Middle	11.25	9:16	9.13	8.23	32.82	25.12		3.70	2.5	0.271	SE	/
C1	20230503	Sunny	Moderate	Mid-Ebb	Middle	11.25	9:16	9.16	8.24	32.68	25.13		3.91	2.5	0.265	E	/
C1	20230503	Sunny	Moderate	Mid-Ebb	Bottom	21.5	9:15	9.18	8.24	32.77	24.99		4.01	2.5	0.269	SE	/
C1	20230503	Sunny	Moderate	Mid-Ebb	Bottom	21.5	9:15	9.11	8.28	32.89	25.05		3.92	2.5	0.267	E	/
C2	20230503	Sunny	Moderate	Mid-Ebb	Surface	1	10:26	9.14	8.13	32.73	25.02		3.40	2.5	0.278	E	/
C2	20230503	Sunny	Moderate	Mid-Ebb	Surface	1	10:26	9.11	8.16	32.74	24.96		3.43	2.5	0.299	SE	/
C2	20230503	Sunny	Moderate	Mid-Ebb	Middle	10.95	10:25	9.12	8.17	32.95	24.91		3.73	3	0.286	E	/
C2	20230503	Sunny	Moderate	Mid-Ebb	Middle	10.95	10:25	9.13	8.19	32.85	24.92		3.59	2.5	0.299	E	/
C2	20230503	Sunny	Moderate	Mid-Ebb	Bottom	20.9	10:24	9.04	8.12	32.91	24.92		3.65	2.5	0.267	SE	/
C2	20230503	Sunny	Moderate	Mid-Ebb	Bottom	20.9	10:24	8.97	8.15	32.86	24.80		3.70	2.5	0.301	SE	/
M1	20230503	Sunny	Moderate	Mid-Ebb	Surface	1	9:50	8.29	8.16	33.33	24.85		1.96	2.5	0.281	SE	/
M1	20230503	Sunny	Moderate	Mid-Ebb	Surface	1	9:50	8.33	8.16	33.38	24.71		2.21	2.5	0.282	E	/
M1	20230503	Sunny	Moderate	Mid-Ebb	Middle	3.2	9:49	8.26	8.16	33.48	24.81		2.11	2.5	0.293	E	/
M1	20230503	Sunny	Moderate	Mid-Ebb	Middle	3.2	9:49	8.22	8.17	33.44	24.75		2.27	2.5	0.274	E	/
M1	20230503	Sunny	Moderate	Mid-Ebb	Bottom	5.4	9:48	8.21	8.17	33.35	24.76		2.16	2.5	0.277	E	/
M1	20230503	Sunny	Moderate	Mid-Ebb	Bottom	5.4	9:48	8.23	8.18	33.30	24.77		2.18	2.5	0.300	SE	/
M2	20230503	Sunny	Moderate	Mid-Ebb	Surface	1	9:34	8.60	8.15	32.70	24.84		3.22	2.5	0.295	SE	/
M2	20230503	Sunny	Moderate	Mid-Ebb	Surface	1	9:34	8.46	8.18	32.89	24.98		2.91	2.5	0.280	SE	/
M2	20230503	Sunny	Moderate	Mid-Ebb	Middle	7.05	9:33	8.52	8.13	32.79	24.96		2.81	2.5	0.264	SE	/
M2	20230503	Sunny	Moderate	Mid-Ebb	Middle	7.05	9:33	8.63	8.18	32.83	25.01		2.84	2.5	0.269	SE	/
M2	20230503	Sunny	Moderate	Mid-Ebb	Bottom	13.1	9:32	8.63	8.13	32.71	24.99		3.04	2.5	0.286	SE	/
M2	20230503	Sunny	Moderate	Mid-Ebb	Bottom	13.1	9:32	8.56	8.17	32.86	24.92		2.93	2.5	0.288	E	/
M3	20230503	Sunny	Moderate	Mid-Ebb	Surface	1	10:08	8.44	8.17	32.40	24.85		2.38	2.5	0.263	SE	/
M3	20230503	Sunny	Moderate	Mid-Ebb	Surface	1	10:08	8.37	8.18	32.37	24.85		2.37	2.5	0.267	SE	/
M3	20230503	Sunny	Moderate	Mid-Ebb	Middle	3.7	10:07	8.50	8.17	32.25	24.86		2.38	2.5	0.267	E	/
M3	20230503	Sunny	Moderate	Mid-Ebb	Middle	3.7	10:07	8.35	8.14	32.11	24.91		2.46	2.5	0.275	SE	/
M3	20230503	Sunny	Moderate	Mid-Ebb	Bottom	6.4	10:06	8.41	8.14	32.40	24.98		2.53	2.5	0.281	E	/
M3	20230503	Sunny	Moderate	Mid-Ebb	Bottom	6.4	10:06	8.34	8.14	32.23	24.78		2.58	2.5	0.272	E	/
M4	20230503	Sunny	Moderate	Mid-Ebb	Surface	1	10:57	8.88	8.24	32.71	24.90		3.62	2.5	0.283	SE	/
M4	20230503	Sunny	Moderate	Mid-Ebb	Surface	1	10:57	8.88	8.28	32.60	24.94		3.19	2.5	0.281	E	/
M4	20230503	Sunny	Moderate	Mid-Ebb	Bottom	3.9	10:56	8.83	8.26	32.68	24.98		3.51	2.5	0.293	SE	/
M4	20230503	Sunny	Moderate	Mid-Ebb	Bottom	3.9	10:56	8.76	8.29	32.60	25.03		3.44	2.5	0.300	E	/
C1	20230505	Sunny	Mderate	Mid-Ebb	Surface	1	10:16	8.29	8.34	32.29	25.10		3.43	2.5	0.295	SE	/
C1	20230505	Sunny	Mderate	Mid-Ebb	Surface	1	10:16	8.38	8.39	31.96	25.05		3.58	2.5	0.270	SE	/
C1	20230505	Sunny	Mderate	Mid-Ebb	Middle	10.6	10:15	8.30	8.33	32.21	25.13		3.72	2.5	0.295	SE	/
C1	20230505	Sunny	Mderate	Mid-Ebb	Middle	10.6	10:15	8.40	8.35	32.08	25.06		3.66	2.5	0.279	E	/
C1	20230505	Sunny	Mderate	Mid-Ebb	Bottom	20.2	10:14	8.40	8.35	32.11	25.20		3.87	2.5	0.299	SE	/
C1	20230505	Sunny	Mderate	Mid-Ebb	Bottom	20.2	10:14	8.29	8.34	32.24	25.08		3.94	2.5	0.287	SE	/
C2	20230505	Sunny	Mderate	Mid-Ebb	Surface	1	11:31	8.45	8.27	32.04	25.07		2.67	2.5	0.284	E	/
C2	20230505	Sunny	Mderate	Mid-Ebb	Surface	1	11:31	8.62	8.31	31.80	24.95		2.58	2.5	0.292	E	/
C2	20230505	Sunny	Mderate	Mid-Ebb	Middle	12.05	11:30	8.53	8.28	32.00	25.03		2.94	2.5	0.285	E	/
C2	20230505	Sunny	Mderate	Mid-Ebb	Middle	12.05	11:30	8.63	8.28	31.95	25.16		2.82	2.5	0.285	SE	/
C2	20230505	Sunny	Mderate	Mid-Ebb	Bottom	23.1	11:29	8.60	8.26	31.95	25.05		2.95	2.5	0.301	SE	/
C2	20230505	Sunny	Mderate	Mid-Ebb	Bottom	23.1	11:29	8.56	8.28	31.91	25.05		3.19	2.5	0.290	SE	/
M1	20230505	Sunny	Mderate	Mid-Ebb	Surface	1	10:54	8.42	8.38	32.19	25.17		2.66	2.5	0.291	SE	/
M1	20230505	Sunny	Mderate	Mid-Ebb	Surface	1	10:54	8.44	8.37	31.80	25.01		2.99	2.5	0.276	E	/
M1	20230505	Sunny	Mderate	Mid-Ebb	Middle	3.65	10:53	8.32	8.33	32.00	25.14		2.72	2.5	0.277	E	/
M1	20230505	Sunny	Mderate	Mid-Ebb</													

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	20230508	Cloudy	Moderate	Mid-Ebb	Bottom	18.4	12:06	9.18	8.25	33.78	24.71	24.71	3.64	2.5	0.281	SE	/
C2	20230508	Cloudy	Moderate	Mid-Ebb	Surface	1	13:22	8.78	8.14	32.58	24.50	24.50	3.17	2.5	0.271	SE	/
C2	20230508	Cloudy	Moderate	Mid-Ebb	Surface	1	13:22	8.73	8.14	32.59	24.49	24.49	3.08	2.5	0.284	E	/
C2	20230508	Cloudy	Moderate	Mid-Ebb	Middle	12.65	13:21	8.91	8.17	32.41	24.50	24.50	3.29	2.5	0.268	SE	/
C2	20230508	Cloudy	Moderate	Mid-Ebb	Middle	12.65	13:21	8.73	8.20	32.62	24.45	24.45	3.04	2.5	0.277	SE	/
C2	20230508	Cloudy	Moderate	Mid-Ebb	Bottom	24.3	13:20	8.92	8.17	32.44	24.58	24.58	2.84	2.5	0.266	E	/
C2	20230508	Cloudy	Moderate	Mid-Ebb	Bottom	24.3	13:20	8.91	8.20	32.67	24.61	24.61	2.97	2.5	0.264	SE	/
M1	20230508	Cloudy	Moderate	Mid-Ebb	Surface	1	12:42	8.71	8.32	32.50	24.71	24.71	1.98	2.5	0.275	E	/
M1	20230508	Cloudy	Moderate	Mid-Ebb	Surface	1	12:42	8.79	8.34	32.24	24.65	24.65	2.08	2.5	0.294	SE	/
M1	20230508	Cloudy	Moderate	Mid-Ebb	Middle	3.6	12:41	8.75	8.28	32.41	24.71	24.71	2.25	3	0.280	SE	/
M1	20230508	Cloudy	Moderate	Mid-Ebb	Middle	3.6	12:41	8.83	8.35	32.23	24.72	24.72	2.19	2.5	0.267	E	/
M1	20230508	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	12:40	8.88	8.32	32.31	24.65	24.65	2.12	2.5	0.295	SE	/
M1	20230508	Cloudy	Moderate	Mid-Ebb	Bottom	6.2	12:40	8.81	8.33	32.38	24.71	24.71	2.35	2.5	0.293	SE	/
M2	20230508	Cloudy	Moderate	Mid-Ebb	Surface	1	12:25	8.62	8.20	32.77	24.70	24.70	3.16	2.5	0.266	SE	/
M2	20230508	Cloudy	Moderate	Mid-Ebb	Surface	1	12:25	8.54	8.20	32.62	24.78	24.78	3.07	2.5	0.270	E	/
M2	20230508	Cloudy	Moderate	Mid-Ebb	Middle	6.1	12:24	8.73	8.22	32.89	24.75	24.75	3.34	2.5	0.281	SE	/
M2	20230508	Cloudy	Moderate	Mid-Ebb	Middle	6.1	12:24	8.64	8.24	32.69	24.79	24.79	3.11	2.5	0.288	SE	/
M2	20230508	Cloudy	Moderate	Mid-Ebb	Bottom	11.2	12:23	8.59	8.21	32.73	24.81	24.81	3.27	2.5	0.283	SE	/
M2	20230508	Cloudy	Moderate	Mid-Ebb	Bottom	11.2	12:23	8.65	8.22	32.89	24.86	24.86	3.21	2.5	0.298	E	/
M3	20230508	Cloudy	Moderate	Mid-Ebb	Surface	1	12:59	8.67	8.13	33.42	24.47	24.47	2.64	2.5	0.277	E	/
M3	20230508	Cloudy	Moderate	Mid-Ebb	Surface	1	12:59	8.57	8.16	33.18	24.44	24.44	2.57	2.5	0.263	SE	/
M3	20230508	Cloudy	Moderate	Mid-Ebb	Middle	3.35	12:58	8.68	8.19	33.20	24.53	24.53	2.17	2.5	0.270	E	/
M3	20230508	Cloudy	Moderate	Mid-Ebb	Middle	3.35	12:58	8.54	8.20	33.36	24.48	24.48	2.22	2.5	0.266	E	/
M3	20230508	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	12:57	8.50	8.17	33.17	24.36	24.36	2.26	2.5	0.284	E	/
M3	20230508	Cloudy	Moderate	Mid-Ebb	Bottom	5.7	12:57	8.51	8.20	33.40	24.37	24.37	2.51	2.5	0.265	SE	/
M4	20230508	Cloudy	Moderate	Mid-Ebb	Surface	1	13:53	9.00	8.20	32.62	24.47	24.47	2.97	2.5	0.270	E	/
M4	20230508	Cloudy	Moderate	Mid-Ebb	Surface	1	13:53	9.04	8.13	32.64	24.54	24.54	3.29	2.5	0.272	SE	/
M4	20230508	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	13:52	9.10	8.19	32.77	24.57	24.57	3.23	2.5	0.292	E	/
M4	20230508	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	13:52	9.07	8.14	32.78	24.59	24.59	3.28	2.5	0.290	SE	/
C1	20230510	Cloudy	Moderate	Mid-Ebb	Surface	1	13:53	8.89	8.15	33.48	25.85	25.85	3.09	2.5	0.270	SE	/
C1	20230510	Cloudy	Moderate	Mid-Ebb	Surface	1	13:53	8.98	8.16	33.53	25.82	25.82	2.91	2.5	0.277	SE	/
C1	20230510	Cloudy	Moderate	Mid-Ebb	Middle	10.7	13:52	8.84	8.14	33.30	25.89	25.89	3.43	3	0.268	SE	/
C1	20230510	Cloudy	Moderate	Mid-Ebb	Middle	10.7	13:52	8.78	8.15	33.32	25.82	25.82	3.28	2.5	0.279	SE	/
C1	20230510	Cloudy	Moderate	Mid-Ebb	Bottom	20.4	13:51	8.88	8.14	33.40	25.84	25.84	3.49	2.5	0.282	SE	/
C1	20230510	Cloudy	Moderate	Mid-Ebb	Bottom	20.4	13:51	8.91	8.17	33.34	25.85	25.85	3.34	2.5	0.276	E	/
C2	20230510	Cloudy	Moderate	Mid-Ebb	Surface	1	15:00	8.57	8.32	33.88	25.77	25.77	2.72	2.5	0.264	E	/
C2	20230510	Cloudy	Moderate	Mid-Ebb	Surface	1	15:00	8.37	8.36	33.92	25.80	25.80	2.70	2.5	0.293	SE	/
C2	20230510	Cloudy	Moderate	Mid-Ebb	Middle	10.9	14:59	8.46	8.25	33.94	25.76	25.76	2.65	2.5	0.265	SE	/
C2	20230510	Cloudy	Moderate	Mid-Ebb	Middle	10.9	14:59	8.46	8.35	33.93	25.78	25.78	2.62	2.5	0.288	E	/
C2	20230510	Cloudy	Moderate	Mid-Ebb	Bottom	20.8	14:58	8.51	8.26	33.75	25.89	25.89	2.82	2.5	0.295	SE	/
C2	20230510	Cloudy	Moderate	Mid-Ebb	Bottom	20.8	14:58	8.44	8.32	33.93	25.78	25.78	2.93	2.5	0.282	E	/
M1	20230510	Cloudy	Moderate	Mid-Ebb	Surface	1	14:24	8.78	8.17	33.43	25.84	25.84	3.09	2.5	0.295	SE	/
M1	20230510	Cloudy	Moderate	Mid-Ebb	Surface	1	14:24	8.63	8.25	33.58	25.81	25.81	2.75	2.5	0.301	E	/
M1	20230510	Cloudy	Moderate	Mid-Ebb	Middle	3.5	14:23	8.66	8.19	33.46	25.88	25.88	2.73	3	0.271	SE	/
M1	20230510	Cloudy	Moderate	Mid-Ebb	Middle	3.5	14:23	8.61	8.28	33.46	25.85	25.85	3.03	2.5	0.288	E	/
M1	20230510	Cloudy	Moderate	Mid-Ebb	Bottom	6	14:22	8.65	8.21	33.62	25.90	25.90	2.98	2.5	0.300	SE	/
M1	20230510	Cloudy	Moderate	Mid-Ebb	Bottom	6	14:22	8.75	8.26	33.59	25.95	25.95	2.78	2.5	0.285	SE	/
M2	20230510	Cloudy	Moderate	Mid-Ebb	Surface	1	14:10	8.37	8.19	33.67	25.91	25.91	2.80	2.5	0.275	SE	/
M2	20230510	Cloudy	Moderate	Mid-Ebb	Surface	1	14:10	8.51	8.22	33.84	25.92	25.92	3.03	2.5	0.265	E	/
M2	20230510	Cloudy	Moderate	Mid-Ebb	Middle	6.5	14:09	8.35	8.16	33.78	25.83	25.83	3.00	2.5	0.277	E	/
M2	20230510	Cloudy	Moderate	Mid-Ebb	Middle	6.5	14:09	8.51	8.22	33.77	25.94	25.94	2.73	2.5	0.297	SE	/
M2	20230510	Cloudy	Moderate	Mid-Ebb	Bottom	12	14:08	8.51	8.20	33.76	25.85	25.85	2.95	2.5	0.263	E	/
M2	20230510	Cloudy	Moderate	Mid-Ebb	Bottom	12	14:08	8.47	8.23	33.71	25.80	25.80	2.81	2.5	0.268	SE	/
M3	20230510	Cloudy	Moderate	Mid-Ebb	Surface	1	14:41	8.58	8.17	33.17	25.75	25.75	2.22	2.5	0.275	SE	/
M3	20230510	Cloudy	Moderate	Mid-Ebb	Surface	1	14:41	8.61	8.20	33.20	25.67	25.67	2.19	2.5	0.279	E	/
M3	20230510	Cloudy	Moderate	Mid-Ebb	Middle	3.8	14:40	8.36	8.17	33.23	25.76	25.76	2.07	2.5	0.265	SE	/
M3	20230510	Cloudy	Moderate	Mid-Ebb	Middle	3.8	14:40	8.64	8.20	33.12	25.69	25.69	2.45	2.5	0.274	SE	/
M3	20230510	Cloudy	Moderate	Mid-Ebb	Bottom	6.6	14:39	8.39	8.16	33.33	25.73	25.73	2.38	2.5	0.297	SE	/
M3	20230510	Cloudy	Moderate	Mid-Ebb	Bottom	6.6	14:39	8.30	8.20	33.12	25.67	25.67	2.06	2.5	0.298	SE	/
M4	20230510	Cloudy	Moderate	Mid-Ebb	Surface	1	15:33	8.98	8.16	32.79	25.69	25.69	2.74	2.5	0.282	E	/
M4	20230510	Cloudy	Moderate	Mid-Ebb	Surface	1	15:33	9.00	8.22	32.93	25.63	25.63	2.90	2.5	0.263	SE	/
M4	20230510	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	15:32	9.14	8.21	32.86	25.64	25.64	2.55	2.5	0.278	SE	/
M4	20230510	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	15:32	8.96	8.22	32.88	25.76	25.76	2.94	2.5	0.300	SE	/
C1	20230512	Cloudy	Moderate	Mid-Ebb	Surface	1	16:16	8.45	8.24	32.00	25.96	25.96	3.94	2.5	0.294	SE	/
C1	20230512	Cloudy	Moderate	Mid-Ebb	Surface	1	16:16	8.42	8.29	31.72	26.01	26.01	3.84	2.5	0.268	SE	/
C1	20230512	Cloudy	Moderate	Mid-Ebb	Middle	11.1	16:15	8.46	8.22	31.76	25.97	25.97	3.96	2.5	0.269	SE	/
C1	20230512	Cloudy	Moderate	Mid-Ebb	Middle	11.1	16:15	8.52	8.25	32.05	26.07	26.07	3.87	2.5	0.269	E	/
C1	20230512	Cloudy	Moderate	Mid-Ebb	Bottom	21.2	16:14	8.43	8.21	31.82	26.00	26.00	4.23	2.5	0.301	SE	/
C1	20230512	Cloudy	Moderate	Mid-Ebb	Bottom	21.2	16:14	8.43	8.27	31.78	25.88	25.88	4.03	2.5	0.276	SE	/
C2	20230512	Cloudy	Moderate	Mid-Ebb	Surface	1	17:20	8.81	8.20	32.67	26.23	26.23	3.28	3	0.271	SE	/
C2	20230512	Cloudy	Moderate	Mid-Ebb	Surface	1	17:20	8.76	8.22	32.71	26.12	26.12	3.13	3	0.294	E	/
C2	20230512	Cloudy	Moderate	Mid-Ebb	Middle	12.7	17:19	8.72	8.20	32.76	26.18	26.18	3.63	2.5	0.292	E	/
C2	20230512	Cloudy	Moderate	Mid-Ebb	Middle	12.7	17:19	8.78	8.21	32.81	26.17	26.17	3.41	3	0.294	E	/
C2	20230512	Cloudy	Moderate	Mid-Ebb	Bottom	24.4	17:18	8.81	8.19	32.62	26.22	26.22	3.67	2.5	0.296	SE	/
C2	20230512	Cloudy	Moderate	Mid-Ebb	Bottom	24.4	17:18	8.76	8.18	32.83	26.16	26.16	3.55	2.5	0.285	SE	/
M1	20230512	Cloudy	Moderate	Mid-Ebb	Surface	1	16:46	8.40	8.30	32.54	26.10	26.10	3.05	2.5	0.269	SE	/
M1	20230512	Cloudy	Moderate	Mid-Ebb	Surface	1	16:46	8.43	8.32	32.49	26.32	26.32	2.83	2.5	0.272	E	/
M1	20230512	Cloudy	Moderate	Mid-Ebb	Middle	3.6	16:45	8.42	8.30	32.42	26.25	26.25	2.96	2.5	0.279	E	/
M1	20230512	Cloudy	Moderate	Mid-Ebb	Middle	3.6	16:45	8.38	8.32	32.47	26.16	26.16	3.1				

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	20230515	Cloudy	Moderate	Mid-Ebb	Bottom	23.4	9:13	9.20	8.19	32.39	25.02	3.20	2.5	0.277	SE	/
C2	20230515	Cloudy	Moderate	Mid-Ebb	Bottom	23.4	9:13	9.12	8.23	32.31	25.11	3.44	2.5	0.287	E	/
M1	20230515	Cloudy	Moderate	Mid-Ebb	Surface	1	8:40	8.40	8.28	32.17	24.89	3.37	2.5	0.300	SE	/
M1	20230515	Cloudy	Moderate	Mid-Ebb	Surface	1	8:40	8.34	8.31	32.14	25.02	3.28	2.5	0.287	E	/
M1	20230515	Cloudy	Moderate	Mid-Ebb	Middle	3.5	8:39	8.36	8.27	32.27	24.98	3.50	3	0.284	SE	/
M1	20230515	Cloudy	Moderate	Mid-Ebb	Middle	3.5	8:39	8.62	8.34	32.15	25.00	3.56	2.5	0.274	E	/
M1	20230515	Cloudy	Moderate	Mid-Ebb	Bottom	6	8:38	8.39	8.32	32.28	24.96	3.62	4	0.271	E	/
M1	20230515	Cloudy	Moderate	Mid-Ebb	Bottom	6	8:38	8.34	8.33	32.20	25.00	3.51	2.5	0.298	SE	/
M2	20230515	Cloudy	Moderate	Mid-Ebb	Surface	1	8:23	8.33	8.18	33.01	24.92	3.14	3	0.296	SE	/
M2	20230515	Cloudy	Moderate	Mid-Ebb	Surface	1	8:23	8.61	8.21	33.18	24.90	2.76	2.5	0.270	E	/
M2	20230515	Cloudy	Moderate	Mid-Ebb	Middle	6.1	8:22	8.35	8.17	33.11	24.91	2.87	3	0.269	E	/
M2	20230515	Cloudy	Moderate	Mid-Ebb	Middle	6.1	8:22	8.61	8.22	33.19	24.88	2.91	3	0.263	SE	/
M2	20230515	Cloudy	Moderate	Mid-Ebb	Bottom	11.2	8:21	8.36	8.17	33.13	24.84	3.02	2.5	0.279	SE	/
M2	20230515	Cloudy	Moderate	Mid-Ebb	Bottom	11.2	8:21	8.37	8.19	32.99	24.93	3.10	2.5	0.275	SE	/
M3	20230515	Cloudy	Moderate	Mid-Ebb	Surface	1	8:57	8.56	8.19	33.21	24.98	2.35	2.5	0.278	E	/
M3	20230515	Cloudy	Moderate	Mid-Ebb	Surface	1	8:57	8.45	8.21	33.21	25.06	2.68	3	0.298	E	/
M3	20230515	Cloudy	Moderate	Mid-Ebb	Middle	3.7	8:56	8.43	8.17	33.15	25.06	2.46	2.5	0.285	SE	/
M3	20230515	Cloudy	Moderate	Mid-Ebb	Middle	3.7	8:56	8.52	8.19	33.12	25.02	2.31	3	0.267	SE	/
M3	20230515	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	8:55	8.55	8.16	33.33	24.93	2.28	3	0.294	SE	/
M3	20230515	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	8:55	8.46	8.23	33.29	25.07	2.46	2.5	0.297	E	/
M4	20230515	Cloudy	Moderate	Mid-Ebb	Surface	1	9:47	9.26	8.36	32.91	25.15	2.41	3	0.263	E	/
M4	20230515	Cloudy	Moderate	Mid-Ebb	Surface	1	9:47	9.34	8.38	33.02	25.10	2.41	2.5	0.298	SE	/
M4	20230515	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	9:46	9.27	8.31	32.99	25.15	2.23	3	0.271	SE	/
M4	20230515	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	9:46	9.36	8.31	33.06	25.08	2.32	3	0.280	SE	/
C1	20230517	Cloudy	Moderate	Mid-Ebb	Surface	1	9:04	9.41	8.32	33.74	25.42	3.20	4	0.298	SE	/
C1	20230517	Cloudy	Moderate	Mid-Ebb	Surface	1	9:04	9.43	8.32	33.72	25.49	3.12	2.5	0.300	SE	/
C1	20230517	Cloudy	Moderate	Mid-Ebb	Middle	10.55	9:03	9.49	8.34	33.54	25.51	3.32	2.5	0.275	E	/
C1	20230517	Cloudy	Moderate	Mid-Ebb	Middle	10.55	9:03	9.54	8.34	33.42	25.50	3.49	2.5	0.297	SE	/
C1	20230517	Cloudy	Moderate	Mid-Ebb	Bottom	20.1	9:02	9.34	8.32	33.66	25.44	3.64	3	0.269	E	/
C1	20230517	Cloudy	Moderate	Mid-Ebb	Bottom	20.1	9:02	9.37	8.33	33.72	25.53	3.35	2.5	0.278	E	/
C2	20230517	Cloudy	Moderate	Mid-Ebb	Surface	1	10:14	8.74	8.22	34.11	25.46	2.75	3	0.289	SE	/
C2	20230517	Cloudy	Moderate	Mid-Ebb	Surface	1	10:14	8.82	8.22	33.99	25.43	2.91	2.5	0.280	SE	/
C2	20230517	Cloudy	Moderate	Mid-Ebb	Middle	12.05	10:13	8.80	8.22	34.18	25.44	2.99	4	0.270	SE	/
C2	20230517	Cloudy	Moderate	Mid-Ebb	Middle	12.05	10:13	8.69	8.15	33.96	25.46	2.81	2.5	0.271	SE	/
C2	20230517	Cloudy	Moderate	Mid-Ebb	Bottom	23.1	10:12	8.68	8.22	34.19	25.44	3.07	2.5	0.271	E	/
C2	20230517	Cloudy	Moderate	Mid-Ebb	Bottom	23.1	10:12	8.64	8.15	33.98	25.46	2.95	3	0.270	E	/
M1	20230517	Cloudy	Moderate	Mid-Ebb	Surface	1	9:38	8.55	8.19	33.57	25.34	2.12	2.5	0.267	SE	/
M1	20230517	Cloudy	Moderate	Mid-Ebb	Surface	1	9:38	8.53	8.19	33.50	25.34	2.27	3	0.278	E	/
M1	20230517	Cloudy	Moderate	Mid-Ebb	Middle	3.5	9:37	8.64	8.21	33.68	25.46	2.49	2.5	0.296	E	/
M1	20230517	Cloudy	Moderate	Mid-Ebb	Middle	3.5	9:37	8.72	8.22	33.53	25.41	2.11	2.5	0.298	SE	/
M1	20230517	Cloudy	Moderate	Mid-Ebb	Bottom	6	9:36	8.69	8.17	33.79	25.39	2.45	2.5	0.282	E	/
M1	20230517	Cloudy	Moderate	Mid-Ebb	Bottom	6	9:36	8.62	8.21	33.71	25.42	2.38	3	0.280	E	/
M2	20230517	Cloudy	Moderate	Mid-Ebb	Surface	1	9:22	9.44	8.37	33.27	25.53	2.81	3	0.301	E	/
M2	20230517	Cloudy	Moderate	Mid-Ebb	Surface	1	9:22	9.37	8.38	33.38	25.61	2.81	2.5	0.298	E	/
M2	20230517	Cloudy	Moderate	Mid-Ebb	Middle	5.85	9:21	9.45	8.38	33.38	25.50	2.78	2.5	0.270	SE	/
M2	20230517	Cloudy	Moderate	Mid-Ebb	Middle	5.85	9:21	9.43	8.43	33.47	25.60	2.58	2.5	0.271	SE	/
M2	20230517	Cloudy	Moderate	Mid-Ebb	Bottom	10.7	9:20	9.47	8.39	33.45	25.60	2.91	3	0.276	SE	/
M2	20230517	Cloudy	Moderate	Mid-Ebb	Bottom	10.7	9:20	9.37	8.42	33.43	25.51	2.69	2.5	0.283	SE	/
M3	20230517	Cloudy	Moderate	Mid-Ebb	Surface	1	9:57	9.30	8.27	33.79	25.42	2.33	2.5	0.272	E	/
M3	20230517	Cloudy	Moderate	Mid-Ebb	Surface	1	9:57	9.37	8.28	33.97	25.44	2.51	2.5	0.279	E	/
M3	20230517	Cloudy	Moderate	Mid-Ebb	Middle	3.45	9:56	9.51	8.25	33.84	25.46	2.24	2.5	0.272	SE	/
M3	20230517	Cloudy	Moderate	Mid-Ebb	Middle	3.45	9:56	9.33	8.31	33.70	25.42	2.41	2.5	0.276	E	/
M3	20230517	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	9:55	9.43	8.29	33.81	25.43	2.28	2.5	0.286	SE	/
M3	20230517	Cloudy	Moderate	Mid-Ebb	Bottom	5.9	9:55	9.42	8.31	33.94	25.43	2.19	2.5	0.275	SE	/
M4	20230517	Cloudy	Moderate	Mid-Ebb	Surface	1	10:45	8.53	8.33	33.55	25.23	2.48	4	0.277	E	/
M4	20230517	Cloudy	Moderate	Mid-Ebb	Surface	1	10:45	8.57	8.35	33.67	25.36	2.43	6	0.277	SE	/
M4	20230517	Cloudy	Moderate	Mid-Ebb	Bottom	4.2	10:44	8.62	8.31	33.64	25.25	2.26	2.5	0.266	SE	/
M4	20230517	Cloudy	Moderate	Mid-Ebb	Bottom	4.2	10:44	8.74	8.36	33.86	25.23	2.40	2.5	0.267	SE	/
C1	20230519	Cloudy	Moderate	Mid-Ebb	Surface	1	10:21	9.34	8.26	33.38	25.13	4.36	2.5	0.265	E	/
C1	20230519	Cloudy	Moderate	Mid-Ebb	Surface	1	10:21	9.30	8.30	33.63	25.07	4.59	2.5	0.264	SE	/
C1	20230519	Cloudy	Moderate	Mid-Ebb	Middle	10.5	10:20	9.36	8.25	33.47	25.07	4.93	2.5	0.264	SE	/
C1	20230519	Cloudy	Moderate	Mid-Ebb	Middle	10.5	10:20	9.44	8.25	33.69	25.20	4.88	2.5	0.285	SE	/
C1	20230519	Cloudy	Moderate	Mid-Ebb	Bottom	20	10:19	9.29	8.29	33.66	25.04	5.03	2.5	0.285	SE	/
C1	20230519	Cloudy	Moderate	Mid-Ebb	Bottom	20	10:19	9.44	8.29	33.68	25.07	4.78	2.5	0.289	SE	/
C2	20230519	Cloudy	Moderate	Mid-Ebb	Surface	1	11:36	8.30	8.19	32.84	25.15	3.87	2.5	0.289	SE	/
C2	20230519	Cloudy	Moderate	Mid-Ebb	Surface	1	11:36	8.47	8.19	32.86	25.25	3.94	2.5	0.296	SE	/
C2	20230519	Cloudy	Moderate	Mid-Ebb	Middle	11.4	11:35	8.29	8.18	32.81	25.15	4.16	2.5	0.301	E	/
C2	20230519	Cloudy	Moderate	Mid-Ebb	Middle	11.4	11:35	8.41	8.18	32.81	25.27	4.25	2.5	0.270	E	/
C2	20230519	Cloudy	Moderate	Mid-Ebb	Bottom	21.8	11:34	8.28	8.20	32.92	25.34	4.49	2.5	0.283	SE	/
C2	20230519	Cloudy	Moderate	Mid-Ebb	Bottom	21.8	11:34	8.50	8.22	33.03	25.13	4.52	2.5	0.282	SE	/
M1	20230519	Cloudy	Moderate	Mid-Ebb	Surface	1	10:55	9.25	8.27	33.52	25.12	3.33	2.5	0.281	E	/
M1	20230519	Cloudy	Moderate	Mid-Ebb	Surface	1	10:55	9.27	8.33	33.41	25.14	3.19	2.5	0.276	E	/
M1	20230519	Cloudy	Moderate	Mid-Ebb	Middle	3.3	10:54	9.27	8.29	33.66	25.14	3.48	2.5	0.267	SE	/
M1	20230519	Cloudy	Moderate	Mid-Ebb	Middle	3.3	10:54	9.31	8.30	33.52	24.91	3.17	2.5	0.279	SE	/
M1	20230519	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	10:53	9.25	8.28	33.46	24.91	3.15	2.5	0.264	E	/
M1	20230519	Cloudy	Moderate	Mid-Ebb	Bottom	5.6	10:53	9.44	8.29	33.64	25.14	3.21	2.5	0.279	SE	/
M2	20230519	Cloudy	Moderate	Mid-Ebb	Surface	1	10:38	8.68	8.18	32.25	25.24	4.39	2.5	0.278	SE	/
M2	20230519	Cloudy	Moderate	Mid-Ebb	Surface	1	10:38	8.71	8.18	32.38	25.00	4.14	2.5	0.294	SE	/
M2	20230519	Cloudy	Moderate	Mid-Ebb	Middle	6.3	10:37	8.63	8.14	32.45	25.17	4.02	2.5	0.285	SE	/
M2	20230519	Cloudy	Moderate	Mid-Ebb	Middle	6.3	10:37	8.67	8.17	32.43	25.00	3.99	2.5	0.264	SE	/
M2	20230519	Cloudy	Moderate	Mid-Ebb	Bottom	11.6	10:36	8.54	8.16	32.42	25.03	4.30	2.5	0.271	E	/
M2	20230519	Cloudy	Moderate	Mid-Ebb	Bottom	11.6	10:36	8.53	8.17	32.53	25.07	3.96	3	0.273	SE	/
M3	20230519	Cloudy	Moderate	Mid-Ebb	Surface	1	11:12	8.80	8.21	32.50	25.17	3.54	2.5	0.284	SE	/
M3	20230519	Cloudy	Moderate	Mid-Ebb	Surface	1	11:12	8.83	8.26	32.44	25.31	3.52	2.5	0.281	E	/
M3	20230519	Cloudy	Moderate	Mid-Ebb	Middle	3.95	11:11	8.70	8.21	32.62						

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	20230522	Cloudy	Moderate	Mid-Ebb	Middle	3.7	12:34		9.25	8.17	33.74	25.76	2.62	2.5	0.297	SE	/
M1	20230522	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	12:33		9.31	8.19	33.87	25.85	2.63	2.5	0.281	E	/
M1	20230522	Cloudy	Moderate	Mid-Ebb	Bottom	6.4	12:33		9.29	8.20	33.75	25.77	2.41	3	0.263	E	/
M2	20230522	Cloudy	Moderate	Mid-Ebb	Surface	1	12:32		8.94	8.21	33.56	25.76	2.64	2.5	0.293	SE	/
M2	20230522	Cloudy	Moderate	Mid-Ebb	Surface	1	12:32		8.87	8.22	33.43	25.79	2.81	2.5	0.287	E	/
M2	20230522	Cloudy	Moderate	Mid-Ebb	Middle	6.55	12:31		8.93	8.21	33.40	25.70	2.83	2.5	0.268	SE	/
M2	20230522	Cloudy	Moderate	Mid-Ebb	Middle	6.55	12:31		8.94	8.26	33.52	25.78	2.75	2.5	0.268	E	/
M2	20230522	Cloudy	Moderate	Mid-Ebb	Bottom	12.1	12:30		8.96	8.20	33.53	25.80	2.88	2.5	0.282	SE	/
M2	20230522	Cloudy	Moderate	Mid-Ebb	Bottom	12.1	12:30		8.92	8.22	33.56	25.72	2.59	2.5	0.299	SE	/
M3	20230522	Cloudy	Moderate	Mid-Ebb	Surface	1	12:47		8.95	8.20	33.39	25.98	2.54	2.5	0.266	E	/
M3	20230522	Cloudy	Moderate	Mid-Ebb	Surface	1	12:47		8.87	8.18	33.43	25.92	2.71	2.5	0.275	SE	/
M3	20230522	Cloudy	Moderate	Mid-Ebb	Middle	3.75	12:46		8.95	8.21	33.47	25.88	2.80	2.5	0.275	SE	/
M3	20230522	Cloudy	Moderate	Mid-Ebb	Middle	3.75	12:46		8.94	8.17	33.62	25.94	2.60	3	0.294	E	/
M3	20230522	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	12:45		8.84	8.18	33.36	25.90	2.65	2.5	0.296	SE	/
M3	20230522	Cloudy	Moderate	Mid-Ebb	Bottom	6.5	12:45		8.83	8.19	33.36	25.97	2.71	2.5	0.301	E	/
M4	20230522	Cloudy	Moderate	Mid-Ebb	Surface	1	13:44		8.99	8.22	33.51	25.88	2.98	2.5	0.283	E	/
M4	20230522	Cloudy	Moderate	Mid-Ebb	Surface	1	13:44		9.01	8.16	33.37	25.82	3.36	4	0.266	SE	/
M4	20230522	Cloudy	Moderate	Mid-Ebb	Bottom	4.2	13:43		9.06	8.18	33.52	25.82	2.98	2.5	0.278	SE	/
M4	20230522	Cloudy	Moderate	Mid-Ebb	Bottom	4.2	13:43		8.98	8.22	33.36	25.87	3.32	2.5	0.27	SE	/
C1	20230524	Cloudy	Moderate	Mid-Ebb	Surface	1	13:32		8.3	8.21	32.71	25.92	4.82	2.5	0.278	E	/
C1	20230524	Cloudy	Moderate	Mid-Ebb	Surface	1	13:32		8.42	8.22	32.92	25.98	4.62	2.5	0.295	SE	/
C1	20230524	Cloudy	Moderate	Mid-Ebb	Middle	11.65	13:31		8.31	8.15	32.76	26.01	4.33	2.5	0.274	SE	/
C1	20230524	Cloudy	Moderate	Mid-Ebb	Middle	11.65	13:31		8.38	8.21	32.86	26.01	4.51	2.5	0.273	SE	/
C1	20230524	Cloudy	Moderate	Mid-Ebb	Bottom	22.3	13:30		8.21	8.2	32.93	26.00	4.65	2.5	0.278	SE	/
C1	20230524	Cloudy	Moderate	Mid-Ebb	Bottom	22.3	13:30		8.27	8.23	32.71	25.99	4.68	2.5	0.3	E	/
C2	20230524	Cloudy	Moderate	Mid-Ebb	Surface	1	14:46		8.27	8.2	33.24	25.79	3.76	2.5	0.281	SE	/
C2	20230524	Cloudy	Moderate	Mid-Ebb	Surface	1	14:46		8.23	8.2	33.10	25.72	3.94	2.5	0.271	SE	/
C2	20230524	Cloudy	Moderate	Mid-Ebb	Middle	12.5	14:45		8.25	8.21	32.97	25.84	3.83	2.5	0.289	E	/
C2	20230524	Cloudy	Moderate	Mid-Ebb	Middle	12.5	14:45		8.12	8.21	33.14	25.74	3.82	3	0.287	SE	/
C2	20230524	Cloudy	Moderate	Mid-Ebb	Bottom	24	14:44		8.17	8.22	33.20	25.75	4.14	2.5	0.287	E	/
C2	20230524	Cloudy	Moderate	Mid-Ebb	Bottom	24	14:44		8.33	8.25	33.03	25.81	3.79	2.5	0.291	SE	/
M1	20230524	Cloudy	Moderate	Mid-Ebb	Surface	1	14:07		8.37	8.27	32.02	25.79	3.38	2.5	0.28	SE	/
M1	20230524	Cloudy	Moderate	Mid-Ebb	Surface	1	14:07		8.2	8.31	31.93	25.90	3.5	2.5	0.28	SE	/
M1	20230524	Cloudy	Moderate	Mid-Ebb	Middle	3.25	14:06		8.39	8.2	31.77	25.81	3.2	2.5	0.282	SE	/
M1	20230524	Cloudy	Moderate	Mid-Ebb	Middle	3.25	14:06		8.22	8.2	32.03	25.88	3.38	2.5	0.293	E	/
M1	20230524	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	14:05		8.33	8.2	32.04	25.89	3.29	2.5	0.301	E	/
M1	20230524	Cloudy	Moderate	Mid-Ebb	Bottom	5.5	14:05		8.43	8.31	31.91	25.85	3.09	2.5	0.291	SE	/
M2	20230524	Cloudy	Moderate	Mid-Ebb	Surface	1	13:50		8.5	8.36	32.55	26.01	3.22	2.5	0.27	E	/
M2	20230524	Cloudy	Moderate	Mid-Ebb	Surface	1	13:50		8.81	8.37	32.55	25.92	3.14	2.5	0.284	SE	/
M2	20230524	Cloudy	Moderate	Mid-Ebb	Middle	6.3	13:49		8.81	8.31	32.46	25.95	2.75	2.5	0.266	SE	/
M2	20230524	Cloudy	Moderate	Mid-Ebb	Middle	6.3	13:49		8.75	8.33	32.33	26.01	3.07	2.5	0.279	SE	/
M2	20230524	Cloudy	Moderate	Mid-Ebb	Bottom	11.6	13:48		8.78	8.39	32.42	25.92	2.75	2.5	0.263	SE	/
M2	20230524	Cloudy	Moderate	Mid-Ebb	Bottom	11.6	13:48		8.66	8.4	32.60	25.97	3.13	2.5	0.278	SE	/
M3	20230524	Cloudy	Moderate	Mid-Ebb	Surface	1	14:25		8.98	8.23	33.16	25.94	3.7	2.5	0.266	E	/
M3	20230524	Cloudy	Moderate	Mid-Ebb	Surface	1	14:25		8.96	8.29	33.14	26.00	3.5	2.5	0.292	SE	/
M3	20230524	Cloudy	Moderate	Mid-Ebb	Middle	4	14:24		8.85	8.24	32.94	26.05	3.75	2.5	0.276	E	/
M3	20230524	Cloudy	Moderate	Mid-Ebb	Middle	4	14:24		8.79	8.25	33.20	26.00	3.53	2.5	0.292	SE	/
M3	20230524	Cloudy	Moderate	Mid-Ebb	Bottom	7	14:23		8.93	8.23	33.26	26.00	3.68	2.5	0.292	E	/
M3	20230524	Cloudy	Moderate	Mid-Ebb	Bottom	7	14:23		9	8.25	32.99	25.98	3.59	2.5	0.277	E	/
M4	20230524	Cloudy	Moderate	Mid-Ebb	Surface	1	15:15		8.25	8.19	32.47	25.83	2.46	2.5	0.281	SE	/
M4	20230524	Cloudy	Moderate	Mid-Ebb	Surface	1	15:15		8.31	8.25	32.48	25.87	2.19	2.5	0.298	SE	/
M4	20230524	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	15:14		8.39	8.18	32.72	25.89	2.46	2.5	0.266	E	/
M4	20230524	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	15:14		8.16	8.22	32.57	25.79	2.48	2.5	0.289	E	/
C1	20230526	Sunny	Moderate	Mid-Ebb	Surface	1	14:46		8.92	8.26	32.79	27.95	3.8	2.5	0.264	SE	/
C1	20230526	Sunny	Moderate	Mid-Ebb	Surface	1	14:46		8.81	8.24	32.67	28.10	3.85	2.5	0.295	E	/
C1	20230526	Sunny	Moderate	Mid-Ebb	Middle	10.2	14:45		8.96	8.21	32.82	28.03	3.84	2.5	0.275	SE	/
C1	20230526	Sunny	Moderate	Mid-Ebb	Middle	10.2	14:45		8.91	8.22	32.80	28.12	3.89	2.5	0.29	SE	/
C1	20230526	Sunny	Moderate	Mid-Ebb	Bottom	19.4	14:44		8.8	8.25	32.80	28.02	3.85	2.5	0.295	E	/
C1	20230526	Sunny	Moderate	Mid-Ebb	Bottom	19.4	14:44		8.96	8.25	32.85	27.97	4.06	2.5	0.286	SE	/
C2	20230526	Sunny	Moderate	Mid-Ebb	Surface	1	16:02		8.35	8.29	32.43	27.84	3.57	2.5	0.298	SE	/
C2	20230526	Sunny	Moderate	Mid-Ebb	Surface	1	16:02		8.36	8.22	32.45	27.79	3.49	2.5	0.301	E	/
C2	20230526	Sunny	Moderate	Mid-Ebb	Middle	12.65	16:01		8.34	8.24	32.37	27.78	3.87	2.5	0.267	SE	/
C2	20230526	Sunny	Moderate	Mid-Ebb	Middle	12.65	16:01		8.36	8.24	32.48	27.90	3.68	2.5	0.277	E	/
C2	20230526	Sunny	Moderate	Mid-Ebb	Bottom	24.3	16:00		8.37	8.22	32.34	27.80	3.61	2.5	0.294	SE	/
C2	20230526	Sunny	Moderate	Mid-Ebb	Bottom	24.3	16:00		8.34	8.28	32.49	27.86	3.55	2.5	0.297	SE	/
M1	20230526	Sunny	Moderate	Mid-Ebb	Surface	1	15:26		8.36	8.19	32.54	27.78	3.12	2.5	0.275	SE	/
M1	20230526	Sunny	Moderate	Mid-Ebb	Surface	1	15:26		8.24	8.19	32.58	27.84	3.54	2.5	0.282	SE	/
M1	20230526	Sunny	Moderate	Mid-Ebb	Middle	3.3	15:25		8.31	8.26	32.70	27.80	3.19	2.5	0.294	SE	/
M1	20230526	Sunny	Moderate	Mid-Ebb	Middle	3.3	15:25		8.21	8.21	32.66	27.83	3.55	2.5	0.291	SE	/
M1	20230526	Sunny	Moderate	Mid-Ebb	Bottom	5.6	15:24		8.2	8.23	32.65	27.90	3.15	2.5	0.265	SE	/
M1	20230526	Sunny	Moderate	Mid-Ebb	Bottom	5.6	15:24		8.22	8.25	32.70	28.01	3.46	2.5	0.277	E	/
M2	20230526	Sunny	Moderate	Mid-Ebb	Surface	1	15:10		9.02	8.25	32.18	27.76	2.39	2.5	0.295	SE	/
M2	20230526	Sunny	Moderate	Mid-Ebb	Surface	1	15:10		9	8.19	32.14	27.86	2.5	2.5	0.267	E	/
M2	20230526	Sunny	Moderate	Mid-Ebb	Middle	6	15:09		9.08	8.25	32.39	27.70	2.35	2.5	0.283	SE	/
M2	20230526	Sunny	Moderate	Mid-Ebb	Middle	6	15:09		8.98	8.23	32.37	27.90	2.67	2.5	0.292	SE	/
M2	20230526	Sunny	Moderate	Mid-Ebb	Bottom	11	15:08		9	8.25	32.35	27.69	2.58	2.5	0.281	E	/
M2	20230526	Sunny	Moderate	Mid-Ebb	Bottom	11	15:08		9.04	8.18	32.28	27.75	2.67	2.5	0.3	SE	/
M3	20230526	Sunny	Moderate	Mid-Ebb	Surface	1	15:43		9.22	8.27	32.18	27.71	3.39	2.5	0.288	SE	/
M3	20230526	Sunny	Moderate	Mid-Ebb	Surface	1	15:43		9.14	8.33	32.07	27.64	3.41	2.5	0.29	SE	/
M3	20230526	Sunny	Moderate	Mid-Ebb	Middle	3.65	15:42		9.13	8.3	32.05	27.57	3.12	2.5	0.298	SE	/
M3	20230526	Sunny	Moderate	Mid-Ebb	Middle	3.65	15:42		9.18	8.28	32.03	27.57	3.41	2.5	0.298	E	/
M3	20230526	Sunny	Moderate	Mid-Ebb	Bottom	6.3	15:41		9.05	8.29	32.00	27.79	3.3	2.5	0.264	E	/
M3	20230526	Sunny	Moderate	Mid-Ebb													

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	20230529	Sunny	Moderate	Mid-Ebb	Middle	6.3	8:18	8.91	8.23	32.52	27.84	2.34	2.5	0.269	SE	/
M2	20230529	Sunny	Moderate	Mid-Ebb	Middle	6.3	8:18	9.05	8.18	32.40	27.63	2.62	2.5	0.29	SE	/
M2	20230529	Sunny	Moderate	Mid-Ebb	Bottom	11.6	8:17	9.03	8.2	32.46	27.75	2.3	2.5	0.266	SE	/
M2	20230529	Sunny	Moderate	Mid-Ebb	Bottom	11.6	8:17	9.08	8.26	32.46	27.67	2.3	2.5	0.288	E	/
M3	20230529	Sunny	Moderate	Mid-Ebb	Surface	1	8:54	8.83	8.25	33.31	27.72	2.64	2.5	0.287	SE	/
M3	20230529	Sunny	Moderate	Mid-Ebb	Surface	1	8:54	8.8	8.26	33.22	27.58	2.94	2.5	0.277	SE	/
M3	20230529	Sunny	Moderate	Mid-Ebb	Middle	3.45	8:53	8.75	8.27	33.35	27.65	2.64	2.5	0.287	SE	/
M3	20230529	Sunny	Moderate	Mid-Ebb	Middle	3.45	8:53	8.82	8.29	33.32	27.63	2.82	2.5	0.273	SE	/
M3	20230529	Sunny	Moderate	Mid-Ebb	Bottom	5.9	8:52	8.66	8.28	33.37	27.61	2.64	2.5	0.286	SE	/
M3	20230529	Sunny	Moderate	Mid-Ebb	Bottom	5.9	8:52	8.77	8.26	33.30	27.58	2.51	2.5	0.281	E	/
M4	20230529	Sunny	Moderate	Mid-Ebb	Surface	1	9:44	8.76	8.3	32.53	27.96	2.1	2.5	0.268	SE	/
M4	20230529	Sunny	Moderate	Mid-Ebb	Surface	1	9:44	8.75	8.28	32.32	27.81	2.36	2.5	0.285	E	/
M4	20230529	Sunny	Moderate	Mid-Ebb	Bottom	3.5	9:43	8.84	8.3	32.38	27.95	2.52	2.5	0.29	SE	/
M4	20230529	Sunny	Moderate	Mid-Ebb	Bottom	3.5	9:43	8.72	8.29	32.35	27.74	2.26	2.5	0.297	SE	/
C1	20230531	Sunny	Moderate	Mid-Ebb	Surface	1	8:10	9.02	8.18	33.05	28.57	3.02	2.5	0.282	SE	/
C1	20230531	Sunny	Moderate	Mid-Ebb	Surface	1	8:10	9.04	8.19	33.13	28.64	3.47	2.5	0.294	E	/
C1	20230531	Sunny	Moderate	Mid-Ebb	Middle	10.35	8:09	9.03	8.19	33.09	28.50	3.06	2.5	0.267	E	/
C1	20230531	Sunny	Moderate	Mid-Ebb	Middle	10.35	8:09	8.87	8.21	33.20	28.69	3.20	2.5	0.272	SE	/
C1	20230531	Sunny	Moderate	Mid-Ebb	Bottom	19.7	8:08	8.91	8.21	33.12	28.55	3.37	2.5	0.283	SE	/
C1	20230531	Sunny	Moderate	Mid-Ebb	Bottom	19.7	8:08	8.92	8.23	33.20	28.48	3.25	2.5	0.290	SE	/
C2	20230531	Sunny	Moderate	Mid-Ebb	Surface	1	9:20	8.41	8.16	33.34	28.74	3.01	2.5	0.263	SE	/
C2	20230531	Sunny	Moderate	Mid-Ebb	Surface	1	9:20	8.47	8.21	33.32	28.66	2.99	2.5	0.271	E	/
C2	20230531	Sunny	Moderate	Mid-Ebb	Middle	10.8	9:19	8.45	8.15	33.35	28.67	2.95	2.5	0.273	SE	/
C2	20230531	Sunny	Moderate	Mid-Ebb	Middle	10.8	9:19	8.41	8.16	33.40	28.69	2.65	2.5	0.300	SE	/
C2	20230531	Sunny	Moderate	Mid-Ebb	Bottom	20.6	9:18	8.44	8.16	33.39	28.81	2.97	4	0.294	SE	/
C2	20230531	Sunny	Moderate	Mid-Ebb	Bottom	20.6	9:18	8.40	8.20	33.49	28.74	3.04	2.5	0.273	SE	/
M1	20230531	Sunny	Moderate	Mid-Ebb	Surface	1	8:42	8.45	8.33	32.55	28.81	2.11	2.5	0.287	SE	/
M1	20230531	Sunny	Moderate	Mid-Ebb	Surface	1	8:42	8.22	8.35	32.70	28.60	2.31	2.5	0.263	E	/
M1	20230531	Sunny	Moderate	Mid-Ebb	Middle	3.3	8:41	8.41	8.29	32.64	28.57	2.48	2.5	0.283	E	/
M1	20230531	Sunny	Moderate	Mid-Ebb	Middle	3.3	8:41	8.24	8.33	32.61	28.81	2.53	2.5	0.295	E	/
M1	20230531	Sunny	Moderate	Mid-Ebb	Bottom	5.6	8:40	8.19	8.32	32.74	28.79	2.10	2.5	0.285	E	/
M1	20230531	Sunny	Moderate	Mid-Ebb	Bottom	5.6	8:40	8.45	8.33	32.77	28.76	2.19	2.5	0.284	SE	/
M2	20230531	Sunny	Moderate	Mid-Ebb	Surface	1	8:26	8.39	8.17	33.84	28.88	2.37	2.5	0.272	SE	/
M2	20230531	Sunny	Moderate	Mid-Ebb	Surface	1	8:26	8.33	8.18	33.74	28.84	2.24	2.5	0.300	SE	/
M2	20230531	Sunny	Moderate	Mid-Ebb	Middle	6.35	8:25	8.23	8.22	33.65	28.74	2.07	2.5	0.280	SE	/
M2	20230531	Sunny	Moderate	Mid-Ebb	Middle	6.35	8:25	8.20	8.23	33.70	28.71	2.19	2.5	0.270	E	/
M2	20230531	Sunny	Moderate	Mid-Ebb	Bottom	11.7	8:24	8.29	8.22	33.72	28.85	1.98	2.5	0.294	SE	/
M2	20230531	Sunny	Moderate	Mid-Ebb	Bottom	11.7	8:24	8.28	8.18	33.69	28.88	2.34	2.5	0.265	SE	/
M3	20230531	Sunny	Moderate	Mid-Ebb	Surface	1	9:00	8.39	8.30	33.01	28.57	1.84	2.5	0.283	SE	/
M3	20230531	Sunny	Moderate	Mid-Ebb	Surface	1	9:00	8.53	8.35	32.92	28.59	1.96	2.5	0.290	SE	/
M3	20230531	Sunny	Moderate	Mid-Ebb	Middle	3.9	8:59	8.35	8.35	33.00	28.54	1.51	2.5	0.274	E	/
M3	20230531	Sunny	Moderate	Mid-Ebb	Middle	3.9	8:59	8.21	8.36	32.81	28.54	1.81	2.5	0.266	E	/
M3	20230531	Sunny	Moderate	Mid-Ebb	Bottom	6.8	8:58	8.25	8.28	32.98	28.50	1.87	2.5	0.288	SE	/
M3	20230531	Sunny	Moderate	Mid-Ebb	Bottom	6.8	8:58	8.30	8.31	33.02	28.57	1.78	2.5	0.276	SE	/
M4	20230531	Sunny	Moderate	Mid-Ebb	Surface	1	9:51	8.31	8.21	33.24	28.86	2.00	2.5	0.270	SE	/
M4	20230531	Sunny	Moderate	Mid-Ebb	Surface	1	9:51	8.46	8.24	33.46	28.83	1.85	2.5	0.274	SE	/
M4	20230531	Sunny	Moderate	Mid-Ebb	Bottom	3.9	9:50	8.32	8.22	33.31	28.64	1.98	2.5	0.298	SE	/
M4	20230531	Sunny	Moderate	Mid-Ebb	Bottom	3.9	9:50	8.36	8.23	33.31	28.79	1.77	2.5	0.279	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	20230501	Cloudy	Moderate	Mid-Flood	Surface	1	14:38	8.29	8.25	32.20	24.71		2.98	3	0.283	SE	/
C1	20230501	Cloudy	Moderate	Mid-Flood	Surface	1	14:38	8.33	8.26	32.39	24.72		2.89	3	0.287	SE	/
C1	20230501	Cloudy	Moderate	Mid-Flood	Middle	10.05	14:37	8.44	8.26	32.27	24.71		2.84	3	0.291	E	/
C1	20230501	Cloudy	Moderate	Mid-Flood	Middle	10.05	14:37	8.43	8.29	32.29	24.73		3.04	4	0.264	E	/
C1	20230501	Cloudy	Moderate	Mid-Flood	Bottom	19.1	14:36	8.49	8.29	32.15	24.67		3.05	2.5	0.302	SE	/
C1	20230501	Cloudy	Moderate	Mid-Flood	Bottom	19.1	14:36	8.53	8.29	32.24	24.69		2.93	2.5	0.304	SE	/
C2	20230501	Cloudy	Moderate	Mid-Flood	Surface	1	13:29	8.91	8.18	32.97	24.69		3.18	2.5	0.272	SE	/
C2	20230501	Cloudy	Moderate	Mid-Flood	Surface	1	13:29	8.72	8.19	33.06	24.70		3.15	2.5	0.282	E	/
C2	20230501	Cloudy	Moderate	Mid-Flood	Middle	11.2	13:28	8.95	8.22	33.09	24.61		3.43	2.5	0.301	SE	/
C2	20230501	Cloudy	Moderate	Mid-Flood	Middle	11.2	13:28	8.97	8.19	33.17	24.65		3.29	2.5	0.306	E	/
C2	20230501	Cloudy	Moderate	Mid-Flood	Bottom	21.4	13:27	8.98	8.2	33.19	24.56		3.12	2.5	0.268	SE	/
C2	20230501	Cloudy	Moderate	Mid-Flood	Bottom	21.4	13:27	9.01	8.21	33.18	24.68		3.21	4	0.264	SE	/
M1	20230501	Cloudy	Moderate	Mid-Flood	Surface	1	14:00	8.8	8.18	32.26	24.38		3.03	2.5	0.304	SE	/
M1	20230501	Cloudy	Moderate	Mid-Flood	Surface	1	14:00	8.87	8.23	32.46	24.34		2.6	2.5	0.303	SE	/
M1	20230501	Cloudy	Moderate	Mid-Flood	Middle	3.45	13:59	8.61	8.22	32.39	24.38		2.62	2.5	0.281	E	/
M1	20230501	Cloudy	Moderate	Mid-Flood	Middle	3.45	13:59	8.64	8.18	32.46	24.36		2.98	2.5	0.270	E	/
M1	20230501	Cloudy	Moderate	Mid-Flood	Bottom	5.9	13:58	8.78	8.22	32.28	24.48		2.6	3	0.274	SE	/
M1	20230501	Cloudy	Moderate	Mid-Flood	Bottom	5.9	13:58	8.67	8.18	32.36	24.36		2.86	3	0.309	SE	/
M2	20230501	Cloudy	Moderate	Mid-Flood	Surface	1	14:16	9.18	8.22	32.39	24.68		2.7	2.5	0.286	SE	/
M2	20230501	Cloudy	Moderate	Mid-Flood	Surface	1	14:16	9.19	8.25	32.25	24.76		2.73	2.5	0.308	SE	/
M2	20230501	Cloudy	Moderate	Mid-Flood	Middle	6.25	14:15	9.2	8.22	32.36	24.69		2.53	3	0.302	E	/
M2	20230501	Cloudy	Moderate	Mid-Flood	Middle	6.25	14:15	9.13	8.22	32.23	24.72		2.5	4	0.281	E	/
M2	20230501	Cloudy	Moderate	Mid-Flood	Bottom	11.5	14:14	9.29	8.24	32.32	24.70		2.83	2.5	0.282	SE	/
M2	20230501	Cloudy	Moderate	Mid-Flood	Bottom	11.5	14:14	9.25	8.25	32.35	24.65		2.75	2.5	0.305	E	/
M3	20230501	Cloudy	Moderate	Mid-Flood	Surface	1	13:44	9.05	8.2	31.98	24.47		2.32	2.5	0.298	E	/
M3	20230501	Cloudy	Moderate	Mid-Flood	Surface	1	13:44	8.84	8.27	32.16	24.53		2.52	4	0.294	E	/
M3	20230501	Cloudy	Moderate	Mid-Flood	Middle	3.95	13:43	8.89	8.22	32.09	24.53		2.04	2.5	0.304	E	/
M3	20230501	Cloudy	Moderate	Mid-Flood	Middle	3.95	13:43	8.96	8.24	32.13	24.54		2.07	2.5	0.296	SE	/
M3	20230501	Cloudy	Moderate	Mid-Flood	Bottom	6.9	13:42	9.07	8.2	32.06	24.53		2.28	4	0.282	E	/
M3	20230501	Cloudy	Moderate	Mid-Flood	Bottom	6.9	13:42	9.01	8.28	32.14	24.45		2.35	2.5	0.300	SE	/
M4	20230501	Cloudy	Moderate	Mid-Flood	Surface	1	15:01	9.11	8.26	32.52	24.53		2.58	2.5	0.310	SE	/
M4	20230501	Cloudy	Moderate	Mid-Flood	Surface	1	15:01	8.99	8.3	32.53	24.54		2.59	2.5	0.300	E	/
M4	20230501	Cloudy	Moderate	Mid-Flood	Bottom	4.4	15:00	8.92	8.32	32.28	24.55		2.55	2.5	0.287	SE	/
M4	20230501	Cloudy	Moderate	Mid-Flood	Bottom	4.4	15:00	9.09	8.33	32.53	24.68		2.57	2.5	0.298	SE	/
C1	20230503	Sunny	Moderate	Mid-Flood	Surface	1	16:28	8.74	8.22	33.08	25.15		3.69	2.5	0.282	SE	/
C1	20230503	Sunny	Moderate	Mid-Flood	Surface	1	16:28	8.82	8.25	32.83	25.10		3.16	2.5	0.269	SE	/
C1	20230503	Sunny	Moderate	Mid-Flood	Middle	9.75	16:27	8.70	8.20	32.95	25.09		3.55	2.5	0.290	SE	/
C1	20230503	Sunny	Moderate	Mid-Flood	Middle	9.75	16:27	8.85	8.24	33.03	25.09		3.25	2.5	0.301	SE	/
C1	20230503	Sunny	Moderate	Mid-Flood	Bottom	18.5	16:26	8.86	8.22	33.07	25.09		3.26	2.5	0.305	SE	/
C1	20230503	Sunny	Moderate	Mid-Flood	Bottom	18.5	16:26	8.85	8.23	33.08	25.20		3.22	2.5	0.284	SE	/
C2	20230503	Sunny	Moderate	Mid-Flood	Surface	1	15:21	8.44	8.24	32.52	24.92		3.91	2.5	0.306	SE	/
C2	20230503	Sunny	Moderate	Mid-Flood	Surface	1	15:21	8.39	8.28	32.52	24.99		3.85	2.5	0.275	SE	/
C2	20230503	Sunny	Moderate	Mid-Flood	Middle	11.5	15:20	8.39	8.23	32.70	24.97		3.58	2.5	0.286	SE	/
C2	20230503	Sunny	Moderate	Mid-Flood	Middle	11.5	15:20	8.38	8.23	32.64	24.99		3.56	2.5	0.296	SE	/
C2	20230503	Sunny	Moderate	Mid-Flood	Bottom	22	15:19	8.40	8.24	32.51	25.01		3.92	3	0.298	SE	/
C2	20230503	Sunny	Moderate	Mid-Flood	Bottom	22	15:19	8.37	8.25	32.66	24.91		3.85	3	0.269	SE	/
M1	20230503	Sunny	Moderate	Mid-Flood	Surface	1	15:53	9.26	8.25	32.81	25.06		2.92	2.5	0.268	E	/
M1	20230503	Sunny	Moderate	Mid-Flood	Surface	1	15:53	9.17	8.27	33.02	25.15		2.76	2.5	0.299	SE	/
M1	20230503	Sunny	Moderate	Mid-Flood	Middle	3.7	15:52	9.25	8.20	32.78	25.18		2.48	2.5	0.298	E	/
M1	20230503	Sunny	Moderate	Mid-Flood	Middle	3.7	15:52	9.26	8.22	32.78	25.01		2.51	3	0.304	E	/
M1	20230503	Sunny	Moderate	Mid-Flood	Bottom	6.4	15:51	9.14	8.22	33.04	25.06		2.97	2.5	0.301	SE	/
M1	20230503	Sunny	Moderate	Mid-Flood	Bottom	6.4	15:51	9.17	8.24	32.80	25.01		2.70	2.5	0.283	E	/
M2	20230503	Sunny	Moderate	Mid-Flood	Surface	1	16:10	9.22	8.21	32.90	25.06		2.39	3	0.278	E	/
M2	20230503	Sunny	Moderate	Mid-Flood	Surface	1	16:10	9.15	8.23	32.87	25.09		2.24	2.5	0.298	E	/
M2	20230503	Sunny	Moderate	Mid-Flood	Middle	6.75	16:09	9.06	8.23	32.89	25.12		2.54	2.5	0.271	SE	/
M2	20230503	Sunny	Moderate	Mid-Flood	Middle	6.75	16:09	9.12	8.29	32.95	25.01		2.47	2.5	0.292	SE	/
M2	20230503	Sunny	Moderate	Mid-Flood	Bottom	12.5	16:08	9.11	8.25	32.96	25.17		2.11	3	0.308	SE	/
M2	20230503	Sunny	Moderate	Mid-Flood	Bottom	12.5	16:08	9.14	8.26	32.84	25.06		2.13	2.5	0.264	SE	/
M3	20230503	Sunny	Moderate	Mid-Flood	Surface	1	15:38	8.75	8.22	33.84	24.91		2.29	3	0.298	E	/
M3	20230503	Sunny	Moderate	Mid-Flood	Surface	1	15:38	8.64	8.23	33.70	24.89		2.23	2.5	0.270	E	/
M3	20230503	Sunny	Moderate	Mid-Flood	Middle	3.55	15:37	8.73	8.17	33.78	24.96		2.54	2.5	0.294	E	/
M3	20230503	Sunny	Moderate	Mid-Flood	Middle	3.55	15:37	8.74	8.24	33.61	24.91		2.34	2.5	0.291	SE	/
M3	20230503	Sunny	Moderate	Mid-Flood	Bottom	6.1	15:36	8.70	8.22	33.58	24.85		2.67	2.5	0.285	SE	/
M3	20230503	Sunny	Moderate	Mid-Flood	Bottom	6.1	15:36	8.68	8.23	33.63	24.94		2.74	2.5	0.263	SE	/
M4	20230503	Sunny	Moderate	Mid-Flood	Surface	1	16:51	8.54	8.20	32.47	25.18		3.04	2.5	0.272	SE	/
M4	20230503	Sunny	Moderate	Mid-Flood	Surface	1	16:51	8.48	8.22	32.35	25.09		2.99	2.5	0.305	SE	/
M4	20230503	Sunny	Moderate	Mid-Flood	Bottom	3.5	16:50	8.48	8.20	32.48	25.05		3.01	2.5	0.272	SE	/
M4	20230503	Sunny	Moderate	Mid-Flood	Bottom	3.5	16:50	8.43	8.21	32.61	25.12		3.36	3	0.290	SE	/
C1	20230505	Sunny	Moderate	Mid-Flood	Surface	1	16:44	8.59	8.23	32.85	25.34		2.93	2.5	0.286	SE	/
C1	20230505	Sunny	Moderate	Mid-Flood	Surface	1	16:44	8.53	8.19	32.77	25.35		3.15	2.5	0.311	SE	/
C1	20230505	Sunny	Moderate	Mid-Flood	Middle	10.1	16:43	8.54	8.22	32.82	25.39		2.92	2.5	0.270	E	/
C1	20230505	Sunny	Moderate	Mid-Flood	Middle	10.1	16:43	8.62	8.23	32.59	25.41		2.72	2.5	0.269	SE	/
C1	20230505	Sunny	Moderate	Mid-Flood	Bottom	19.2	16:42	8.64	8.24	32.91	25.35		2.69	2.5	0.290	E	/
C1	20230505	Sunny	Moderate	Mid-Flood	Bottom	19.2	16:42	8.52	8.18	32.87	25.32		2.67	2.5	0.295	SE	/
C2	20230505	Sunny	Moderate	Mid-Flood	Surface	1	15:32	8.42	8.18	32.00	25.32		3.44	2.5	0.308	E	/
C2	20230505	Sunny	Moderate	Mid-Flood	Surface	1	15:32	8.33	8.22	31.74	25.28		3.68	2.5	0.290	SE	/
C2	20230505	Sunny	Moderate	Mid-Flood	Middle	11.6	15:31	8.25	8.18	31.81	25.23		3.61	2.5	0.268	E	/
C2	20230505	Sunny	Moderate	Mid-Flood	Middle	11.6	15:31	8.26	8.20	31.75	25.18		3.59	2.5	0.286	E	/
C2	20230505	Sunny	Moderate	Mid-Flood	Bottom	22.2	15:30	8.31	8.24	31.82	25.23		3.90	2.5	0.278	E	/
C2	20230505	Sunny	Moderate	Mid-Flood	Bottom	22.2	15:30	8.33	8.17	31.78	25.23		3.58	2.5	0.302	SE	/
M1	20230505	Sunny	Moderate	Mid-Flood	Surface	1	16:06	8.54	8.28	32.09	25.41		2.35	2.5	0.303	SE	/
M1	20230505	Sunny	Moderate	Mid-Flood	Surface	1	16:06	8.35	8.29	32.24	25.37		2.24	2.5	0.297	E	/
M1	20230505	Sunny	Moderate	Mid-Flood													

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	20230508	Cloudy	Moderate	Mid-Flood	Middle	10.9	8:01	8.66	8.35	32.30	24.31		3.85	2.5	0.269	SE	/
C2	20230508	Cloudy	Moderate	Mid-Flood	Bottom	20.8	8:00	8.70	8.33	32.31	24.36		3.89	2.5	0.311	E	/
C2	20230508	Cloudy	Moderate	Mid-Flood	Bottom	20.8	8:00	8.66	8.36	32.28	24.31		4.14	2.5	0.302	SE	/
M1	20230508	Cloudy	Moderate	Mid-Flood	Surface	1	8:35	8.96	8.24	32.54	24.53		2.41	2.5	0.284	E	/
M1	20230508	Cloudy	Moderate	Mid-Flood	Surface	1	8:35	8.97	8.24	32.76	24.51		2.54	2.5	0.299	E	/
M1	20230508	Cloudy	Moderate	Mid-Flood	Middle	3.35	8:34	8.90	8.18	32.52	24.54		2.34	2.5	0.271	SE	/
M1	20230508	Cloudy	Moderate	Mid-Flood	Middle	3.35	8:34	8.99	8.19	32.67	24.67		2.52	2.5	0.268	SE	/
M1	20230508	Cloudy	Moderate	Mid-Flood	Bottom	5.7	8:33	9.06	8.17	32.67	24.57		2.57	2.5	0.289	SE	/
M1	20230508	Cloudy	Moderate	Mid-Flood	Bottom	5.7	8:33	9.00	8.21	32.64	24.58		2.49	2.5	0.280	SE	/
M2	20230508	Cloudy	Moderate	Mid-Flood	Surface	1	8:52	8.31	8.33	32.72	24.61		2.20	2.5	0.266	E	/
M2	20230508	Cloudy	Moderate	Mid-Flood	Surface	1	8:52	8.27	8.36	32.91	24.68		1.97	2.5	0.271	SE	/
M2	20230508	Cloudy	Moderate	Mid-Flood	Middle	5.85	8:51	8.27	8.31	32.70	24.66		2.04	2.5	0.284	SE	/
M2	20230508	Cloudy	Moderate	Mid-Flood	Middle	5.85	8:51	8.21	8.36	32.88	24.65		2.03	2.5	0.279	SE	/
M2	20230508	Cloudy	Moderate	Mid-Flood	Bottom	10.7	8:50	8.20	8.30	32.87	24.63		2.06	2.5	0.297	E	/
M2	20230508	Cloudy	Moderate	Mid-Flood	Bottom	10.7	8:50	8.30	8.40	32.84	24.51		1.89	2.5	0.298	SE	/
M3	20230508	Cloudy	Moderate	Mid-Flood	Surface	1	8:18	8.77	8.21	32.74	24.31		3.32	2.5	0.297	E	/
M3	20230508	Cloudy	Moderate	Mid-Flood	Surface	1	8:18	8.77	8.27	32.72	24.40		3.10	2.5	0.297	E	/
M3	20230508	Cloudy	Moderate	Mid-Flood	Middle	3.3	8:17	8.82	8.27	32.76	24.40		3.05	2.5	0.276	SE	/
M3	20230508	Cloudy	Moderate	Mid-Flood	Middle	3.3	8:17	8.83	8.27	32.76	24.43		3.32	2.5	0.273	SE	/
M3	20230508	Cloudy	Moderate	Mid-Flood	Bottom	5.6	8:16	8.88	8.21	32.76	24.39		2.87	2.5	0.299	SE	/
M3	20230508	Cloudy	Moderate	Mid-Flood	Bottom	5.6	8:16	8.83	8.23	32.69	24.40		2.93	2.5	0.279	SE	/
M4	20230508	Cloudy	Moderate	Mid-Flood	Surface	1	9:35	8.78	8.21	32.64	24.32		3.37	2.5	0.305	SE	/
M4	20230508	Cloudy	Moderate	Mid-Flood	Surface	1	9:35	8.89	8.32	32.70	24.42		3.18	2.5	0.269	SE	/
M4	20230508	Cloudy	Moderate	Mid-Flood	Bottom	4.7	9:34	8.73	8.24	32.82	24.47		3.48	2.5	0.289	E	/
M4	20230508	Cloudy	Moderate	Mid-Flood	Bottom	4.7	9:34	8.76	8.25	32.82	24.44		3.47	2.5	0.295	SE	/
C1	20230510	Cloudy	Moderate	Mid-Flood	Surface	1	9:21	8.36	8.19	33.57	25.96		3.31	2.5	0.277	E	/
C1	20230510	Cloudy	Moderate	Mid-Flood	Surface	1	9:21	8.38	8.20	33.55	25.96		3.09	2.5	0.276	SE	/
C1	20230510	Cloudy	Moderate	Mid-Flood	Middle	11.45	9:20	8.27	8.25	33.57	25.91		3.56	2.5	0.266	E	/
C1	20230510	Cloudy	Moderate	Mid-Flood	Middle	11.45	9:20	8.50	8.21	33.48	25.93		3.48	2.5	0.291	SE	/
C1	20230510	Cloudy	Moderate	Mid-Flood	Bottom	21.9	9:19	8.28	8.19	33.44	25.93		3.69	2.5	0.266	SE	/
C1	20230510	Cloudy	Moderate	Mid-Flood	Bottom	21.9	9:19	8.44	8.22	33.49	25.92		3.41	2.5	0.279	SE	/
C2	20230510	Cloudy	Moderate	Mid-Flood	Surface	1	8:07	8.40	8.31	33.27	25.96		3.65	2.5	0.268	SE	/
C2	20230510	Cloudy	Moderate	Mid-Flood	Surface	1	8:07	8.45	8.27	33.22	25.98		3.81	2.5	0.298	SE	/
C2	20230510	Cloudy	Moderate	Mid-Flood	Middle	10.8	8:06	8.24	8.27	33.20	25.93		3.86	2.5	0.265	SE	/
C2	20230510	Cloudy	Moderate	Mid-Flood	Middle	10.8	8:06	8.32	8.32	33.17	25.99		3.51	2.5	0.310	E	/
C2	20230510	Cloudy	Moderate	Mid-Flood	Bottom	20.6	8:05	8.25	8.29	33.31	26.02		4.17	2.5	0.263	SE	/
C2	20230510	Cloudy	Moderate	Mid-Flood	Bottom	20.6	8:05	8.43	8.28	33.27	26.01		4.06	2.5	0.283	SE	/
M1	20230510	Cloudy	Moderate	Mid-Flood	Surface	1	8:42	8.23	8.28	33.98	26.10		3.63	2.5	0.274	SE	/
M1	20230510	Cloudy	Moderate	Mid-Flood	Surface	1	8:42	8.30	8.26	33.92	26.07		3.62	2.5	0.306	SE	/
M1	20230510	Cloudy	Moderate	Mid-Flood	Middle	3.55	8:41	8.39	8.31	33.89	26.10		3.32	2.5	0.269	SE	/
M1	20230510	Cloudy	Moderate	Mid-Flood	Middle	3.55	8:41	8.43	8.28	33.93	26.02		3.37	2.5	0.264	SE	/
M1	20230510	Cloudy	Moderate	Mid-Flood	Bottom	6.1	8:40	8.23	8.33	33.88	26.06		3.28	2.5	0.299	E	/
M1	20230510	Cloudy	Moderate	Mid-Flood	Bottom	6.1	8:40	8.26	8.32	33.92	26.01		3.67	2.5	0.278	E	/
M2	20230510	Cloudy	Moderate	Mid-Flood	Surface	1	9:01	8.25	8.27	33.34	25.79		3.69	2.5	0.284	E	/
M2	20230510	Cloudy	Moderate	Mid-Flood	Surface	1	9:01	8.27	8.28	33.27	25.81		3.63	2.5	0.306	SE	/
M2	20230510	Cloudy	Moderate	Mid-Flood	Middle	5.9	9:00	8.27	8.31	33.35	25.82		3.98	2.5	0.297	SE	/
M2	20230510	Cloudy	Moderate	Mid-Flood	Middle	5.9	9:00	8.29	8.27	33.23	25.81		3.78	2.5	0.309	SE	/
M2	20230510	Cloudy	Moderate	Mid-Flood	Bottom	10.8	8:59	8.29	8.31	33.21	25.81		3.91	2.5	0.292	E	/
M2	20230510	Cloudy	Moderate	Mid-Flood	Bottom	10.8	8:59	8.31	8.28	33.30	25.76		3.93	2.5	0.298	E	/
M3	20230510	Cloudy	Moderate	Mid-Flood	Surface	1	8:24	8.35	8.32	33.93	25.77		3.15	2.5	0.285	SE	/
M3	20230510	Cloudy	Moderate	Mid-Flood	Surface	1	8:24	8.48	8.33	33.06	25.71		3.32	2.5	0.267	SE	/
M3	20230510	Cloudy	Moderate	Mid-Flood	Middle	4.05	8:23	8.39	8.35	33.01	25.83		3.34	2.5	0.282	SE	/
M3	20230510	Cloudy	Moderate	Mid-Flood	Middle	4.05	8:23	8.52	8.30	33.04	25.75		3.10	2.5	0.283	SE	/
M3	20230510	Cloudy	Moderate	Mid-Flood	Bottom	7.1	8:22	8.37	8.37	33.06	25.77		3.12	2.5	0.305	E	/
M3	20230510	Cloudy	Moderate	Mid-Flood	Bottom	7.1	8:22	8.48	8.38	32.92	25.73		3.46	2.5	0.281	SE	/
M4	20230510	Cloudy	Moderate	Mid-Flood	Surface	1	9:50	8.18	8.14	33.61	25.79		2.82	2.5	0.270	SE	/
M4	20230510	Cloudy	Moderate	Mid-Flood	Surface	1	9:50	8.27	8.24	33.75	25.89		2.91	2.5	0.274	E	/
M4	20230510	Cloudy	Moderate	Mid-Flood	Bottom	4.6	9:49	8.16	8.14	33.67	25.81		2.61	2.5	0.271	SE	/
M4	20230510	Cloudy	Moderate	Mid-Flood	Bottom	4.6	9:49	8.27	8.20	33.63	25.82		2.83	2.5	0.270	E	/
C1	20230512	Cloudy	Moderate	Mid-Flood	Surface	1	11:23	8.99	8.28	33.43	25.53		2.91	2.5	0.263	SE	/
C1	20230512	Cloudy	Moderate	Mid-Flood	Surface	1	11:23	9.03	8.32	33.54	25.50		2.95	2.5	0.268	SE	/
C1	20230512	Cloudy	Moderate	Mid-Flood	Middle	10.35	11:22	9.17	8.29	33.57	25.50		2.90	2.5	0.304	SE	/
C1	20230512	Cloudy	Moderate	Mid-Flood	Middle	10.35	11:22	9.19	8.33	33.51	25.45		3.14	2.5	0.270	SE	/
C1	20230512	Cloudy	Moderate	Mid-Flood	Bottom	19.7	11:21	9.02	8.28	33.35	25.43		3.32	2.5	0.305	E	/
C1	20230512	Cloudy	Moderate	Mid-Flood	Bottom	19.7	11:21	9.20	8.35	33.41	25.50		3.28	2.5	0.293	SE	/
C2	20230512	Cloudy	Moderate	Mid-Flood	Surface	1	9:53	8.96	8.31	33.45	25.53		3.49	2.5	0.301	SE	/
C2	20230512	Cloudy	Moderate	Mid-Flood	Surface	1	9:53	9.14	8.32	32.29	25.67		3.51	2.5	0.264	SE	/
C2	20230512	Cloudy	Moderate	Mid-Flood	Middle	10.55	9:52	8.97	8.32	33.32	25.70		3.65	2.5	0.310	SE	/
C2	20230512	Cloudy	Moderate	Mid-Flood	Middle	10.55	9:52	9.13	8.36	33.32	25.55		3.58	2.5	0.280	SE	/
C2	20230512	Cloudy	Moderate	Mid-Flood	Bottom	20.1	9:51	9.02	8.32	33.48	25.61		3.98	2.5	0.298	E	/
C2	20230512	Cloudy	Moderate	Mid-Flood	Bottom	20.1	9:51	9.09	8.38	33.34	25.67		3.86	2.5	0.304	SE	/
M1	20230512	Cloudy	Moderate	Mid-Flood	Surface	1	10:21	8.39	8.22	32.21	25.76		2.65	2.5	0.285	SE	/
M1	20230512	Cloudy	Moderate	Mid-Flood	Surface	1	10:21	8.47	8.16	32.35	25.80		2.54	2.5	0.298	SE	/
M1	20230512	Cloudy	Moderate	Mid-Flood	Middle	3.3	10:20	8.37	8.19	32.27	25.78		2.68	2.5	0.303	SE	/
M1	20230512	Cloudy	Moderate	Mid-Flood	Middle	3.3	10:20	8.46	8.19	32.46	25.86		2.43	2.5	0.265	SE	/
M1	20230512	Cloudy	Moderate	Mid-Flood	Bottom	5.6	10:19	8.63	8.18	32.44	25.84		2.49	3	0.300	SE	/
M1	20230512	Cloudy	Moderate	Mid-Flood	Bottom	5.6	10:19	8.40	8.19	32.37	25.84		2.62	2.5	0.278	E	/
M2	20230512	Cloudy	Moderate	Mid-Flood	Surface	1	10:39	8.41	8.18	32.79	25.84		3.43	2.5	0.276	SE	/
M2	20230512	Cloudy	Moderate	Mid-Flood	Surface	1	10:39	8.37	8.17	32.90	25.71		3.08	2.5	0.295	SE	/
M2	20230512	Cloudy	Moderate	Mid-Flood	Middle	6.6	10:38	8.34	8.20	32.96	25.82		3.17	2.5	0.270	SE	/
M2	20230512	Cloudy	Moderate	Mid-Flood	Middle	6.6	10:38	8.50	8.21	32.94	25.81		3.33	2.5	0.305	SE	/
M2	20230512	Cloudy	Moderate	Mid-Flood	Bottom	12.2	10:37										



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	20230515	Cloudy	Moderate	Mid-Flood	Surface	1	13:57	8.84	8.29	33.13	25.13		3.04	2.5	0.311	E
M2	20230515	Cloudy	Moderate	Mid-Flood	Surface	1	13:57	8.92	8.33	33.16	25.04		3.22	2.5	0.303	SE
M2	20230515	Cloudy	Moderate	Mid-Flood	Middle	7	13:56	8.82	8.30	33.10	25.02		2.94	2.5	0.287	E
M2	20230515	Cloudy	Moderate	Mid-Flood	Middle	7	13:56	8.86	8.29	33.15	25.14		3.28	3	0.273	SE
M2	20230515	Cloudy	Moderate	Mid-Flood	Bottom	13	13:55	8.88	8.33	33.22	24.99		3.20	2.5	0.303	E
M2	20230515	Cloudy	Moderate	Mid-Flood	Bottom	13	13:55	8.96	8.31	33.16	25.14		2.81	2.5	0.286	SE
M3	20230515	Cloudy	Moderate	Mid-Flood	Surface	1	13:21	8.62	8.36	32.88	25.02		3.27	2.5	0.272	E
M3	20230515	Cloudy	Moderate	Mid-Flood	Surface	1	13:21	8.66	8.35	32.80	25.08		3.51	2.5	0.275	SE
M3	20230515	Cloudy	Moderate	Mid-Flood	Middle	3.85	13:20	8.58	8.33	32.78	25.06		3.24	2.5	0.309	SE
M3	20230515	Cloudy	Moderate	Mid-Flood	Middle	3.85	13:20	8.71	8.34	32.86	25.07		3.10	2.5	0.283	SE
M3	20230515	Cloudy	Moderate	Mid-Flood	Bottom	6.7	13:19	8.60	8.29	32.80	25.03		3.17	2.5	0.302	E
M3	20230515	Cloudy	Moderate	Mid-Flood	Bottom	6.7	13:19	8.66	8.37	32.84	25.03		3.55	2.5	0.291	E
M4	20230515	Cloudy	Moderate	Mid-Flood	Surface	1	14:41	8.65	8.24	32.65	24.98		2.23	2.5	0.287	E
M4	20230515	Cloudy	Moderate	Mid-Flood	Surface	1	14:41	8.69	8.20	32.78	25.02		2.39	3	0.281	SE
M4	20230515	Cloudy	Moderate	Mid-Flood	Bottom	4.2	14:40	8.68	8.24	32.75	25.01		2.08	2.5	0.275	SE
M4	20230515	Cloudy	Moderate	Mid-Flood	Bottom	4.2	14:40	8.77	8.21	32.72	25.06		2.37	2.5	0.271	E
C1	20230517	Cloudy	Moderate	Mid-Flood	Surface	1	16:31	8.75	8.22	33.95	25.44		3.43	2.5	0.290	SE
C1	20230517	Cloudy	Moderate	Mid-Flood	Surface	1	16:31	8.85	8.26	34.04	25.39		3.53	2.5	0.288	SE
C1	20230517	Cloudy	Moderate	Mid-Flood	Middle	11.2	16:30	8.70	8.21	33.98	25.41		3.62	3	0.268	E
C1	20230517	Cloudy	Moderate	Mid-Flood	Middle	11.2	16:30	8.81	8.26	33.80	25.34		3.65	4	0.283	E
C1	20230517	Cloudy	Moderate	Mid-Flood	Bottom	21.4	16:29	8.82	8.21	34.15	25.43		3.51	4	0.270	E
C1	20230517	Cloudy	Moderate	Mid-Flood	Bottom	21.4	16:29	8.73	8.28	34.09	25.44		3.86	2.5	0.272	SE
C2	20230517	Cloudy	Moderate	Mid-Flood	Surface	1	15:12	9.06	8.25	33.49	25.45		3.96	2.5	0.268	SE
C2	20230517	Cloudy	Moderate	Mid-Flood	Surface	1	15:12	9.19	8.28	33.69	25.52		3.89	3	0.308	E
C2	20230517	Cloudy	Moderate	Mid-Flood	Middle	11.05	15:11	9.12	8.20	33.83	25.49		3.94	3	0.270	SE
C2	20230517	Cloudy	Moderate	Mid-Flood	Middle	11.05	15:11	9.04	8.28	33.53	25.39		4.07	2.5	0.275	SE
C2	20230517	Cloudy	Moderate	Mid-Flood	Bottom	21.1	15:10	9.14	8.25	33.70	25.46		4.27	3	0.279	E
C2	20230517	Cloudy	Moderate	Mid-Flood	Bottom	21.1	15:10	9.19	8.27	33.61	25.46		4.14	2.5	0.270	E
M1	20230517	Cloudy	Moderate	Mid-Flood	Surface	1	15:49	8.46	8.28	34.10	25.52		3.28	2.5	0.299	SE
M1	20230517	Cloudy	Moderate	Mid-Flood	Surface	1	15:49	8.53	8.35	33.99	25.64		3.39	3	0.297	E
M1	20230517	Cloudy	Moderate	Mid-Flood	Middle	3.2	15:48	8.35	8.27	33.99	25.58		3.29	3	0.265	E
M1	20230517	Cloudy	Moderate	Mid-Flood	Middle	3.2	15:48	8.45	8.29	33.91	25.64		2.85	2.5	0.274	E
M1	20230517	Cloudy	Moderate	Mid-Flood	Bottom	5.4	15:47	8.53	8.27	34.27	25.53		3.28	2.5	0.293	SE
M1	20230517	Cloudy	Moderate	Mid-Flood	Bottom	5.4	15:47	8.45	8.32	34.26	25.64		3.06	2.5	0.299	SE
M2	20230517	Cloudy	Moderate	Mid-Flood	Surface	1	16:10	9.42	8.17	33.04	25.48		3.53	2.5	0.300	E
M2	20230517	Cloudy	Moderate	Mid-Flood	Surface	1	16:10	9.47	8.18	32.98	25.37		3.54	4	0.295	E
M2	20230517	Cloudy	Moderate	Mid-Flood	Middle	6.75	16:09	9.38	8.19	33.34	25.42		3.43	2.5	0.276	SE
M2	20230517	Cloudy	Moderate	Mid-Flood	Middle	6.75	16:09	9.41	8.16	32.95	25.35		3.59	2.5	0.310	SE
M2	20230517	Cloudy	Moderate	Mid-Flood	Bottom	12.5	16:08	9.35	8.19	32.97	25.38		3.22	3	0.285	SE
M2	20230517	Cloudy	Moderate	Mid-Flood	Bottom	12.5	16:08	9.45	8.19	33.26	25.43		3.59	2.5	0.263	E
M3	20230517	Cloudy	Moderate	Mid-Flood	Surface	1	15:30	9.02	8.34	33.25	25.41		2.79	2.5	0.277	E
M3	20230517	Cloudy	Moderate	Mid-Flood	Surface	1	15:30	9.01	8.36	33.18	25.42		2.92	2.5	0.297	E
M3	20230517	Cloudy	Moderate	Mid-Flood	Middle	3.65	15:29	9.03	8.33	33.27	25.44		3.08	2.5	0.311	SE
M3	20230517	Cloudy	Moderate	Mid-Flood	Middle	3.65	15:29	9.18	8.39	33.25	25.40		2.76	3	0.296	SE
M3	20230517	Cloudy	Moderate	Mid-Flood	Bottom	6.3	15:28	9.09	8.32	33.02	25.48		2.71	2.5	0.295	E
M3	20230517	Cloudy	Moderate	Mid-Flood	Bottom	6.3	15:28	9.17	8.36	33.07	25.45		3.19	2.5	0.299	SE
M4	20230517	Cloudy	Moderate	Mid-Flood	Surface	1	16:53	8.87	8.32	33.33	25.45		3.04	2.5	0.295	SE
M4	20230517	Cloudy	Moderate	Mid-Flood	Surface	1	16:53	8.76	8.33	33.39	25.47		3.09	2.5	0.284	SE
M4	20230517	Cloudy	Moderate	Mid-Flood	Bottom	3.6	16:52	8.79	8.32	33.48	25.42		3.20	2.5	0.269	SE
M4	20230517	Cloudy	Moderate	Mid-Flood	Bottom	3.6	16:52	8.79	8.36	33.56	25.47		3.34	2.5	0.294	E
C1	20230519	Cloudy	Moderate	Mid-Flood	Surface	1	17:53	8.52	8.24	32.91	25.50		3.90	2.5	0.269	E
C1	20230519	Cloudy	Moderate	Mid-Flood	Surface	1	17:53	8.41	8.25	32.97	25.28		3.51	2.5	0.283	SE
C1	20230519	Cloudy	Moderate	Mid-Flood	Middle	9.75	17:52	8.49	8.22	32.88	25.35		3.94	2.5	0.288	SE
C1	20230519	Cloudy	Moderate	Mid-Flood	Middle	9.75	17:52	8.40	8.27	32.79	25.31		3.65	2.5	0.276	SE
C1	20230519	Cloudy	Moderate	Mid-Flood	Bottom	18.5	17:51	8.45	8.25	32.85	25.31		4.01	2.5	0.265	SE
C1	20230519	Cloudy	Moderate	Mid-Flood	Bottom	18.5	17:51	8.39	8.30	32.79	25.50		3.69	2.5	0.277	SE
C2	20230519	Cloudy	Moderate	Mid-Flood	Surface	1	16:59	9.17	8.35	32.87	25.32		4.37	2.5	0.292	SE
C2	20230519	Cloudy	Moderate	Mid-Flood	Surface	1	16:59	9.00	8.38	32.92	25.53		4.51	2.5	0.298	E
C2	20230519	Cloudy	Moderate	Mid-Flood	Middle	11.85	16:58	9.09	8.32	32.94	25.30		4.36	2.5	0.272	E
C2	20230519	Cloudy	Moderate	Mid-Flood	Middle	11.85	16:58	8.94	8.38	32.70	25.40		4.54	2.5	0.294	E
C2	20230519	Cloudy	Moderate	Mid-Flood	Bottom	22.7	16:57	9.01	8.33	32.70	25.40		5.12	2.5	0.274	E
C2	20230519	Cloudy	Moderate	Mid-Flood	Bottom	22.7	16:57	9.13	8.35	32.98	25.53		4.83	2.5	0.268	SE
M1	20230519	Cloudy	Moderate	Mid-Flood	Surface	1	17:22	8.95	8.32	32.47	25.18		2.70	2.5	0.272	E
M1	20230519	Cloudy	Moderate	Mid-Flood	Surface	1	17:22	8.94	8.34	32.49	25.19		2.73	2.5	0.286	SE
M1	20230519	Cloudy	Moderate	Mid-Flood	Middle	3.5	17:21	8.95	8.31	32.49	25.34		2.75	2.5	0.269	E
M1	20230519	Cloudy	Moderate	Mid-Flood	Middle	3.5	17:21	9.14	8.34	32.45	25.29		2.83	2.5	0.280	E
M1	20230519	Cloudy	Moderate	Mid-Flood	Bottom	6	17:20	9.10	8.29	32.66	25.31		2.66	2.5	0.308	E
M1	20230519	Cloudy	Moderate	Mid-Flood	Bottom	6	17:20	8.91	8.31	32.68	25.40		2.51	2.5	0.300	SE
M2	20230519	Cloudy	Moderate	Mid-Flood	Surface	1	17:35	8.35	8.22	32.56	25.35		3.28	2.5	0.298	SE
M2	20230519	Cloudy	Moderate	Mid-Flood	Surface	1	17:35	8.40	8.26	32.73	25.36		3.72	2.5	0.288	SE
M2	20230519	Cloudy	Moderate	Mid-Flood	Middle	5.95	17:34	8.34	8.24	32.69	25.40		3.49	2.5	0.309	SE
M2	20230519	Cloudy	Moderate	Mid-Flood	Middle	5.95	17:34	8.36	8.25	32.61	25.54		3.24	2.5	0.310	SE
M2	20230519	Cloudy	Moderate	Mid-Flood	Bottom	10.9	17:33	8.41	8.22	32.45	25.52		3.25	2.5	0.310	E
M2	20230519	Cloudy	Moderate	Mid-Flood	Bottom	10.9	17:33	8.18	8.22	32.75	25.36		3.48	2.5	0.282	SE
M3	20230519	Cloudy	Moderate	Mid-Flood	Surface	1	17:11	8.38	8.14	33.36	25.38		3.16	2.5	0.275	SE
M3	20230519	Cloudy	Moderate	Mid-Flood	Surface	1	17:11	8.56	8.19	33.27	25.58		2.98	2.5	0.298	SE
M3	20230519	Cloudy	Moderate	Mid-Flood	Middle	3.7	17:10	8.31	8.14	33.16	25.45		2.92	2.5	0.284	E
M3	20230519	Cloudy	Moderate	Mid-Flood	Middle	3.7	17:10	8.41	8.14	33.41	25.35		3.09	2.5	0.309	E
M3	20230519	Cloudy	Moderate	Mid-Flood	Bottom	6.4	17:09	8.44	8.28	33.20	25.43		3.09	2.5	0.296	SE
M3	20230519	Cloudy	Moderate	Mid-Flood	Bottom	6.4	17:09	8.48	8.15	33.38	25.53		2.95	2.5	0.280	SE
M4	20230519	Cloudy	Moderate	Mid-Flood	Surface	1	18:12	8.71	8.24	33.48	25.48		3.75	2.5	0.293	SE
M4	20230519	Cloudy	Moderate	Mid-Flood	Surface	1	18:12	8.52	8.28	33.35	25.31		3.50	2.5	0.265	SE
M4	20230519	Cloudy	Moderate	Mid-Flood	Bottom	4.1	18:11	8.74	8.26	33.43	25.44		3.62	2.5	0.267	SE
M4	20230519	Cloudy	Moderate	Mid-Flood	Bottom	4.1	18:11	8.71	8.32	33.56	25.30		3.92	3	0.308	SE
C1	20230522	Cloudy	Moderate	Mid-Flood	Surface	1	9:29	9.36	8.15	33.13	25.90		2.69			

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	20230522	Cloudy	Moderate	Mid-Flood	Middle	4	8:35	8.63	8.19	32.56	25.66	2.56	2.5	0.276	SE	/
M3	20230522	Cloudy	Moderate	Mid-Flood	Bottom	7	8:34	8.48	8.17	32.45	25.70	2.62	2.5	0.269	SE	/
M3	20230522	Cloudy	Moderate	Mid-Flood	Bottom	7	8:34	8.65	8.18	32.48	25.69	2.67	2.5	0.279	SE	/
M4	20230522	Cloudy	Moderate	Mid-Flood	Surface	1	9:55	8.31	8.26	33.15	25.60	2.29	2.5	0.271	SE	/
M4	20230522	Cloudy	Moderate	Mid-Flood	Surface	1	9:55	8.38	8.30	33.09	25.63	2.16	2.5	0.294	SE	/
M4	20230522	Cloudy	Moderate	Mid-Flood	Bottom	4.2	9:54	8.38	8.26	33.19	25.60	2.41	2.5	0.273	SE	/
M4	20230522	Cloudy	Moderate	Mid-Flood	Bottom	4.2	9:54	8.35	8.27	33.24	25.57	2.23	2.5	0.28	E	/
C1	20230524	Cloudy	Moderate	Mid-Flood	Surface	1	9:22	8.4	8.29	33.13	26.07	3.33	2.5	0.27	SE	/
C1	20230524	Cloudy	Moderate	Mid-Flood	Surface	1	9:22	8.38	8.31	33.09	26.05	3.57	2.5	0.266	E	/
C1	20230524	Cloudy	Moderate	Mid-Flood	Middle	10.4	9:21	8.33	8.3	33.34	25.98	3.62	2.5	0.307	SE	/
C1	20230524	Cloudy	Moderate	Mid-Flood	Middle	10.4	9:21	8.46	8.34	33.32	26.03	3.63	2.5	0.301	E	/
C1	20230524	Cloudy	Moderate	Mid-Flood	Bottom	19.8	9:20	8.34	8.28	33.27	26.02	3.49	2.5	0.306	E	/
C1	20230524	Cloudy	Moderate	Mid-Flood	Bottom	19.8	9:20	8.46	8.33	33.03	25.95	3.52	2.5	0.311	E	/
C2	20230524	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	9.21	8.22	32.12	26.02	4.09	2.5	0.28	E	/
C2	20230524	Cloudy	Moderate	Mid-Flood	Surface	1	8:02	9.15	8.19	32.29	26.01	4.16	2.5	0.288	SE	/
C2	20230524	Cloudy	Moderate	Mid-Flood	Middle	12.05	8:01	9.17	8.2	32.40	26.06	4.27	2.5	0.275	SE	/
C2	20230524	Cloudy	Moderate	Mid-Flood	Middle	12.05	8:01	9.14	8.21	32.31	26.06	3.98	2.5	0.302	E	/
C2	20230524	Cloudy	Moderate	Mid-Flood	Bottom	23.1	8:00	9.23	8.22	32.17	26.04	4.25	2.5	0.269	E	/
C2	20230524	Cloudy	Moderate	Mid-Flood	Bottom	23.1	8:00	9.05	8.25	32.36	25.93	4.32	2.5	0.3	E	/
M1	20230524	Cloudy	Moderate	Mid-Flood	Surface	1	8:36	8.84	8.2	33.02	26.21	3.2	3	0.276	E	/
M1	20230524	Cloudy	Moderate	Mid-Flood	Surface	1	8:36	9.02	8.2	33.18	26.10	3.52	2.5	0.288	E	/
M1	20230524	Cloudy	Moderate	Mid-Flood	Middle	3.65	8:35	9.04	8.21	33.21	26.24	3.31	2.5	0.298	SE	/
M1	20230524	Cloudy	Moderate	Mid-Flood	Middle	3.65	8:35	8.87	8.23	32.99	26.10	3.37	3	0.264	E	/
M1	20230524	Cloudy	Moderate	Mid-Flood	Bottom	6.3	8:34	8.9	8.21	33.09	26.25	3.26	4	0.308	SE	/
M1	20230524	Cloudy	Moderate	Mid-Flood	Bottom	6.3	8:34	9.04	8.26	33.00	26.10	3.15	2.5	0.309	SE	/
M2	20230524	Cloudy	Moderate	Mid-Flood	Surface	1	8:54	8.27	8.32	32.12	25.89	3.55	2.5	0.264	SE	/
M2	20230524	Cloudy	Moderate	Mid-Flood	Surface	1	8:54	8.23	8.34	31.78	25.91	3.47	2.5	0.263	SE	/
M2	20230524	Cloudy	Moderate	Mid-Flood	Middle	6.45	8:53	8.47	8.34	31.97	25.99	3.36	2.5	0.275	SE	/
M2	20230524	Cloudy	Moderate	Mid-Flood	Middle	6.45	8:53	8.33	8.41	31.81	26.04	3.44	2.5	0.288	SE	/
M2	20230524	Cloudy	Moderate	Mid-Flood	Bottom	11.9	8:52	8.42	8.38	31.92	26.00	3.62	2.5	0.266	SE	/
M2	20230524	Cloudy	Moderate	Mid-Flood	Bottom	11.9	8:52	8.39	8.41	31.96	25.98	3.63	2.5	0.273	SE	/
M3	20230524	Cloudy	Moderate	Mid-Flood	Surface	1	8:19	8.6	8.28	32.38	26.20	3.1	2.5	0.279	E	/
M3	20230524	Cloudy	Moderate	Mid-Flood	Surface	1	8:19	8.49	8.3	32.39	26.26	2.97	2.5	0.273	E	/
M3	20230524	Cloudy	Moderate	Mid-Flood	Middle	3.2	8:18	8.62	8.31	32.68	26.18	3.13	2.5	0.309	E	/
M3	20230524	Cloudy	Moderate	Mid-Flood	Middle	3.2	8:18	8.64	8.33	32.47	26.20	2.73	2.5	0.297	SE	/
M3	20230524	Cloudy	Moderate	Mid-Flood	Bottom	5.4	8:17	8.54	8.25	32.41	26.25	2.76	3	0.303	SE	/
M3	20230524	Cloudy	Moderate	Mid-Flood	Bottom	5.4	8:17	8.72	8.3	32.46	26.28	2.92	2.5	0.3	E	/
M4	20230524	Cloudy	Moderate	Mid-Flood	Surface	1	9:41	8.17	8.35	32.56	25.93	2.99	2.5	0.298	E	/
M4	20230524	Cloudy	Moderate	Mid-Flood	Surface	1	9:41	8.2	8.4	32.41	25.94	3.19	2.5	0.271	SE	/
M4	20230524	Cloudy	Moderate	Mid-Flood	Bottom	3.9	9:40	8.42	8.35	32.34	25.95	3.26	2.5	0.291	E	/
M4	20230524	Cloudy	Moderate	Mid-Flood	Bottom	3.9	9:40	8.35	8.38	32.51	26.01	3.34	2.5	0.271	SE	/

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	20230526	Sunny	Moderate	Mid-Flood	Surface	1	9:16	8.42	8.28	32.64	27.86	3.47	2.5	0.27	E	
C1	20230526	Sunny	Moderate	Mid-Flood	Surface	1	9:16	8.45	8.3	32.53	27.90	3.63	2.5	0.266	E	
C1	20230526	Sunny	Moderate	Mid-Flood	Middle	9.65	9:15	8.59	8.27	32.43	27.86	3.45	2.5	0.302	E	
C1	20230526	Sunny	Moderate	Mid-Flood	Middle	9.65	9:15	8.48	8.3	32.45	27.87	3.51	2.5	0.302	E	
C1	20230526	Sunny	Moderate	Mid-Flood	Bottom	18.3	9:14	8.4	8.28	32.51	27.88	3.53	2.5	0.272	SE	
C1	20230526	Sunny	Moderate	Mid-Flood	Bottom	18.3	9:14	8.37	8.3	32.68	27.92	3.64	2.5	0.274	E	
C2	20230526	Sunny	Moderate	Mid-Flood	Surface	1	8:07	9.1	8.3	31.99	28.05	3.81	2.5	0.306	E	
C2	20230526	Sunny	Moderate	Mid-Flood	Surface	1	8:07	8.99	8.31	31.88	27.92	3.89	2.5	0.295	E	
C2	20230526	Sunny	Moderate	Mid-Flood	Middle	11.55	8:06	8.93	8.33	31.96	28.04	4.14	2.5	0.272	SE	
C2	20230526	Sunny	Moderate	Mid-Flood	Middle	11.55	8:06	8.97	8.3	31.79	28.05	3.88	2.5	0.294	SE	
C2	20230526	Sunny	Moderate	Mid-Flood	Bottom	22.1	8:05	9.02	8.28	31.85	27.93	4.12	2.5	0.309	E	
C2	20230526	Sunny	Moderate	Mid-Flood	Bottom	22.1	8:05	9.1	8.31	32.01	27.86	4.01	2.5	0.27	E	
M1	20230526	Sunny	Moderate	Mid-Flood	Surface	1	8:39	8.95	8.21	32.70	27.93	2.7	2.5	0.275	SE	
M1	20230526	Sunny	Moderate	Mid-Flood	Surface	1	8:39	9.01	8.25	32.75	27.88	2.68	2.5	0.306	E	
M1	20230526	Sunny	Moderate	Mid-Flood	Middle	3.45	8:38	8.96	8.19	32.90	27.76	2.23	2.5	0.276	SE	
M1	20230526	Sunny	Moderate	Mid-Flood	Middle	3.45	8:38	9.03	8.27	32.93	27.71	2.53	2.5	0.28	E	
M1	20230526	Sunny	Moderate	Mid-Flood	Bottom	5.9	8:37	8.9	8.22	32.90	27.84	2.29	2.5	0.273	SE	
M1	20230526	Sunny	Moderate	Mid-Flood	Bottom	5.9	8:37	8.92	8.26	32.79	27.76	2.58	2.5	0.309	SE	
M2	20230526	Sunny	Moderate	Mid-Flood	Surface	1	8:56	8.48	8.33	32.08	28.01	3.35	2.5	0.266	SE	
M2	20230526	Sunny	Moderate	Mid-Flood	Surface	1	8:56	8.57	8.36	31.99	27.82	3.33	2.5	0.302	E	
M2	20230526	Sunny	Moderate	Mid-Flood	Middle	6.85	8:55	8.45	8.35	32.01	27.90	3.24	2.5	0.264	SE	
M2	20230526	Sunny	Moderate	Mid-Flood	Middle	6.85	8:55	8.56	8.35	31.98	27.97	3.4	2.5	0.287	SE	
M2	20230526	Sunny	Moderate	Mid-Flood	Bottom	12.7	8:54	8.55	8.31	31.93	27.81	3.17	2.5	0.287	E	
M2	20230526	Sunny	Moderate	Mid-Flood	Bottom	12.7	8:54	8.41	8.34	31.89	28.02	3.04	2.5	0.302	SE	
M3	20230526	Sunny	Moderate	Mid-Flood	Surface	1	8:23	8.53	8.31	32.67	28.13	2.99	2.5	0.306	E	
M3	20230526	Sunny	Moderate	Mid-Flood	Surface	1	8:23	8.67	8.32	32.77	28.02	2.77	2.5	0.295	SE	
M3	20230526	Sunny	Moderate	Mid-Flood	Middle	3.5	8:22	8.6	8.29	32.74	28.10	3.13	2.5	0.288	SE	
M3	20230526	Sunny	Moderate	Mid-Flood	Middle	3.5	8:22	8.6	8.32	32.73	28.18	2.68	2.5	0.307	E	
M3	20230526	Sunny	Moderate	Mid-Flood	Bottom	6	8:21	8.71	8.27	32.68	28.11	3.02	2.5	0.289	SE	
M3	20230526	Sunny	Moderate	Mid-Flood	Bottom	6	8:21	8.67	8.32	32.57	27.99	3.11	2.5	0.305	SE	
M4	20230526	Sunny	Moderate	Mid-Flood	Surface	1	9:39	8.89	8.18	31.61	28.03	2.71	2.5	0.279	E	
M4	20230526	Sunny	Moderate	Mid-Flood	Surface	1	9:39	9	8.21	31.72	27.86	2.92	2.5	0.291	SE	
M4	20230526	Sunny	Moderate	Mid-Flood	Bottom	3.7	9:38	8.89	8.18	31.82	27.98	2.9	2.5	0.3	E	
M4	20230526	Sunny	Moderate	Mid-Flood	Bottom	3.7	9:38	8.95	8.19	31.75	27.86	2.52	2.5	0.266	SE	
C1	20230529	Sunny	Moderate	Mid-Flood	Surface	1	12:34	9.16	8.2	32.35	28.03	2.88	2.5	0.292	E	
C1	20230529	Sunny	Moderate	Mid-Flood	Surface	1	12:34	9.2	8.23	32.23	28.09	2.9	2.5	0.3	E	
C1	20230529	Sunny	Moderate	Mid-Flood	Middle	9.45	12:33	9.31	8.17	32.16	28.03	3.18	2.5	0.3	E	
C1	20230529	Sunny	Moderate	Mid-Flood	Middle	9.45	12:33	9.3	8.2	32.42	28.09	2.92	2.5	0.266	SE	
C1	20230529	Sunny	Moderate	Mid-Flood	Bottom	17.9	12:32	9.2	8.17	32.30	28.05	2.86	2.5	0.296	E	
C1	20230529	Sunny	Moderate	Mid-Flood	Bottom	17.9	12:32	9.34	8.2	32.42	28.08	2.96	2.5	0.282	SE	
C2	20230529	Sunny	Moderate	Mid-Flood	Surface	1	11:23	8.34	8.2	33.30	28.13	3.26	2.5	0.263	SE	
C2	20230529	Sunny	Moderate	Mid-Flood	Surface	1	11:23	8.55	8.17	33.12	28.02	3.48	2.5	0.274	SE	
C2	20230529	Sunny	Moderate	Mid-Flood	Middle	11.25	11:22	8.32	8.18	33.07	27.95	3.49	2.5	0.289	SE	
C2	20230529	Sunny	Moderate	Mid-Flood	Middle	11.25	11:22	8.58	8.18	33.25	27.95	3.57	2.5	0.286	SE	
C2	20230529	Sunny	Moderate	Mid-Flood	Bottom	21.5	11:21	8.56	8.18	33.15	28.06	3.86	2.5	0.291	SE	
C2	20230529	Sunny	Moderate	Mid-Flood	Bottom	21.5	11:21	8.4	8.2	33.33	28.05	3.63	2.5	0.277	SE	
M1	20230529	Sunny	Moderate	Mid-Flood	Surface	1	12:00	8.25	8.16	33.45	27.75	2.93	2.5	0.287	E	
M1	20230529	Sunny	Moderate	Mid-Flood	Surface	1	12:00	8.19	8.17	33.36	27.91	3.26	2.5	0.294	SE	
M1	20230529	Sunny	Moderate	Mid-Flood	Middle	3.4	11:59	8.28	8.18	33.42	27.87	3.27	2.5	0.29	SE	
M1	20230529	Sunny	Moderate	Mid-Flood	Middle	3.4	11:59	8.21	8.14	33.58	27.78	3.11	2.5	0.288	SE	
M1	20230529	Sunny	Moderate	Mid-Flood	Bottom	5.8	11:58	8.27	8.2	33.36	27.88	3	2.5	0.291	SE	
M1	20230529	Sunny	Moderate	Mid-Flood	Bottom	5.8	11:58	8.2	8.15	33.52	27.90	3.21	2.5	0.304	SE	
M2	20230529	Sunny	Moderate	Mid-Flood	Surface	1	12:17	8.7	8.2	32.70	27.81	2.89	2.5	0.273	SE	
M2	20230529	Sunny	Moderate	Mid-Flood	Surface	1	12:17	8.8	8.21	32.65	27.72	3.09	2.5	0.272	E	
M2	20230529	Sunny	Moderate	Mid-Flood	Middle	6.3	12:16	8.75	8.21	32.64	27.76	3.03	2.5	0.29	SE	
M2	20230529	Sunny	Moderate	Mid-Flood	Middle	6.3	12:16	8.9	8.22	32.69	27.75	3.19	2.5	0.299	E	
M2	20230529	Sunny	Moderate	Mid-Flood	Bottom	11.6	12:15	8.91	8.23	32.71	27.70	3.07	2.5	0.277	SE	
M2	20230529	Sunny	Moderate	Mid-Flood	Bottom	11.6	12:15	8.79	8.24	32.59	27.86	3.18	2.5	0.285	SE	
M3	20230529	Sunny	Moderate	Mid-Flood	Surface	1	11:42	9.27	8.3	32.98	27.86	2.84	2.5	0.31	SE	
M3	20230529	Sunny	Moderate	Mid-Flood	Surface	1	11:42	9.07	8.37	32.90	27.80	2.94	2.5	0.282	E	
M3	20230529	Sunny	Moderate	Mid-Flood	Middle	3.95	11:41	9.09	8.3	32.74	27.81	3.1	2.5	0.298	SE	
M3	20230529	Sunny	Moderate	Mid-Flood	Middle	3.95	11:41	9.01	8.31	32.88	27.91	2.69	2.5	0.275	E	
M3	20230529	Sunny	Moderate	Mid-Flood	Bottom	6.9	11:40	8.99	8.3	32.67	27.87	2.94	2.5	0.29	E	
M3	20230529	Sunny	Moderate	Mid-Flood	Bottom	6.9	11:40	9.01	8.33	32.80	27.82	3.11	2.5	0.293	E	
M4	20230529	Sunny	Moderate	Mid-Flood	Surface	1	12:59	8.68	8.25	33.08	28.10	1.79	2.5	0.271	SE	
M4	20230529	Sunny	Moderate	Mid-Flood	Surface	1	12:59	8.66	8.28	32.84	28.15	2.14	2.5	0.29	E	
M4	20230529	Sunny	Moderate	Mid-Flood	Bottom	3.6	12:58	8.9	8.31	33.09	27.99	2.07	2.5	0.27	SE	
M4	20230529	Sunny	Moderate	Mid-Flood	Bottom	3.6	12:58	8.75	8.32	32.85	28.01	2.13	2.5	0.266	E	
C1	20230531	Sunny	Moderate	Mid-Flood	Surface	1	15:22	8.79	8.35	33.32	28.66	2.78	2.5	0.307	SE	
C1	20230531	Sunny	Moderate	Mid-Flood	Surface	1	15:22	8.89	8.36	33.40	28.68	3.03	2.5	0.305	SE	
C1	20230531	Sunny	Moderate	Mid-Flood	Middle	11.5	15:21	8.80	8.30	33.40	28.78	3.01	2.5	0.288	E	
C1	20230531	Sunny	Moderate	Mid-Flood	Middle	11.5	15:21	8.94	8.31	33.35	28.80	2.63	2.5	0.285	SE	
C1	20230531	Sunny	Moderate	Mid-Flood	Bottom	22	15:20	8.90	8.31	33.35	28.79	2.93	2.5	0.299	SE	
C1	20230531	Sunny	Moderate	Mid-Flood	Bottom	22	15:20	8.87	8.33	33.41	28.74	2.70	2.5	0.284	SE	
C2	20230531	Sunny	Moderate	Mid-Flood	Surface	1	14:12	8.78	8.32	33.67	28.87	3.22	2.5	0.283	SE	
C2	20230531	Sunny	Moderate	Mid-Flood	Surface	1	14:12	8.77	8.37	33.88	28.84	3.13	2.5	0.310	E	
C2	20230531	Sunny	Moderate	Mid-Flood	Middle	12.25	14:11	8.83	8.30	33.88	28.90	3.21	2.5	0.289	E	
C2	20230531	Sunny	Moderate	Mid-Flood	Middle	12.25	14:11	8.69	8.31	33.71	28.85	3.34	3	0.304	SE	
C2	20230531	Sunny	Moderate	Mid-Flood	Bottom	23.5	14:10	8.70	8.30	33.84	28.89	3.67	2.5	0.302	E	
C2	20230531	Sunny	Moderate	Mid-Flood	Bottom	23.5	14:10	8.69	8.31	33.88	28.85	3.48	2.5	0.305	SE	
M1	20230531	Sunny	Moderate	Mid-Flood	Surface	1	14:49	8.59	8.32	33.53	28.84	1.80	2.5	0.304	E	
M1	20230531	Sunny	Moderate	Mid-Flood	Surface	1	14:49	8.64	8.36	33.77	28.90	1.85	2.5	0.278	SE	
M1	20230531	Sunny	Moderate	Mid-Flood	Middle	3.2	14:48	8.61	8.32	33.71	28.90	2.31	3	0.274	SE	
M1	20230531	Sunny	Moderate	Mid-Flood	Middle	3.2	14:48	8.77	8.32	33.55	28.99	2.02	2.5	0.294	SE	
M1	20230531	Sunny	Moderate	Mid-Flood	Bottom	5.4	14:47	8.75	8.28	33.66	28.87	2.32	3	0.311	SE	
M1	20230531	Sunny	Moderate	Mid-Flood	Bottom	5.4	14:47	8.62	8.36	33.64	28.91	2.09				



