

Location	Date	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°)	Turbidity (NTU)	Current Velocity (m/s)	Current Direction	Remark
C1	20231221	Sunny	Moderate	Mid-Ebb	Surface	1	8:02	9.41	8.11	33.07	24.08	3.46	0.293	E	/
C1	20231221	Sunny	Moderate	Mid-Ebb	Surface	1	8:02	9.27	8.12	33.06	24.06	3.29	0.297	E	/
C1	20231221	Sunny	Moderate	Mid-Ebb	Middle	11.25	8:01	9.35	8.12	33.17	24.01	3.3	0.288	SE	/
C1	20231221	Sunny	Moderate	Mid-Ebb	Middle	11.25	8:01	9.24	8.11	33.05	24.05	3.43	0.275	SE	/
C1	20231221	Sunny	Moderate	Mid-Ebb	Bottom	21.5	8:00	9.31	8.14	33.21	24.06	3.26	0.273	E	/
C1	20231221	Sunny	Moderate	Mid-Ebb	Bottom	21.5	8:00	9.35	8.11	33.06	24.07	3.18	0.272	E	/
C2	20231221	Sunny	Moderate	Mid-Ebb	Surface	1	9:13	8.68	8.13	33.10	23.84	3.01	0.266	E	/
C2	20231221	Sunny	Moderate	Mid-Ebb	Surface	1	9:13	8.64	8.13	32.97	23.81	2.95	0.29	E	/
C2	20231221	Sunny	Moderate	Mid-Ebb	Middle	10.9	9:12	8.78	8.11	33.03	23.81	2.86	0.289	SE	/
C2	20231221	Sunny	Moderate	Mid-Ebb	Middle	10.9	9:12	8.69	8.13	32.87	23.81	2.84	0.27	E	/
C2	20231221	Sunny	Moderate	Mid-Ebb	Bottom	20.8	9:11	8.77	8.11	33.08	23.81	2.92	0.281	SE	/
C2	20231221	Sunny	Moderate	Mid-Ebb	Bottom	20.8	9:11	8.65	8.14	33.08	23.82	2.89	0.291	SE	/
M1	20231221	Sunny	Moderate	Mid-Ebb	Surface	1	8:38	9.05	8.11	33.70	23.86	2.85	0.265	SE	/
M1	20231221	Sunny	Moderate	Mid-Ebb	Surface	1	8:38	8.99	8.1	33.72	23.86	2.9	0.277	E	/
M1	20231221	Sunny	Moderate	Mid-Ebb	Middle	3.4	8:37	9	8.09	33.68	23.83	2.96	0.267	SE	/
M1	20231221	Sunny	Moderate	Mid-Ebb	Middle	3.4	8:37	8.96	8.09	33.57	23.80	3.1	0.266	SE	/
M1	20231221	Sunny	Moderate	Mid-Ebb	Bottom	5.8	8:36	9.06	8.17	33.62	23.82	3.19	0.276	SE	/
M1	20231221	Sunny	Moderate	Mid-Ebb	Bottom	5.8	8:36	9.08	8.11	33.72	23.82	2.85	0.277	SE	/
M2	20231221	Sunny	Moderate	Mid-Ebb	Surface	1	8:20	9.01	8.07	32.39	24.07	2.11	0.268	SE	/
M2	20231221	Sunny	Moderate	Mid-Ebb	Surface	1	8:20	9.11	8.13	32.46	24.05	2.19	0.264	E	/
M2	20231221	Sunny	Moderate	Mid-Ebb	Middle	7.05	8:19	8.95	8.07	32.61	24.03	2.16	0.29	SE	/
M2	20231221	Sunny	Moderate	Mid-Ebb	Middle	7.05	8:19	9.05	8.09	32.61	24.03	2.13	0.295	E	/
M2	20231221	Sunny	Moderate	Mid-Ebb	Bottom	13.1	8:18	9.05	8.18	32.55	24.02	2.35	0.266	E	/
M2	20231221	Sunny	Moderate	Mid-Ebb	Bottom	13.1	8:18	9.12	8.15	32.63	24.04	2.27	0.275	E	/
M3	20231221	Sunny	Moderate	Mid-Ebb	Surface	1	8:50	8.98	8.38	33.42	24.12	2.53	0.299	E	/
M3	20231221	Sunny	Moderate	Mid-Ebb	Surface	1	8:50	8.83	8.3	33.53	24.11	2.2	0.27	SE	/
M3	20231221	Sunny	Moderate	Mid-Ebb	Middle	3.9	8:49	8.99	8.37	33.35	24.16	2.36	0.293	SE	/
M3	20231221	Sunny	Moderate	Mid-Ebb	Middle	3.9	8:49	8.95	8.29	33.48	24.18	2.39	0.292	SE	/
M3	20231221	Sunny	Moderate	Mid-Ebb	Bottom	6.8	8:48	8.98	8.29	33.54	24.12	2.64	0.3	SE	/
M3	20231221	Sunny	Moderate	Mid-Ebb	Bottom	6.8	8:48	9	8.36	33.44	24.17	2.21	0.286	E	/
M4	20231221	Sunny	Moderate	Mid-Ebb	Surface	1	9:41	8.98	8.3	32.44	23.83	2.05	0.29	SE	/
M4	20231221	Sunny	Moderate	Mid-Ebb	Surface	1	9:41	8.92	8.24	32.35	23.78	2.24	0.278	E	/
M4	20231221	Sunny	Moderate	Mid-Ebb	Bottom	3.9	9:40	8.98	8.33	32.48	23.84	2.17	0.269	E	/
M4	20231221	Sunny	Moderate	Mid-Ebb	Bottom	3.9	9:40	8.98	8.32	32.45	23.78	2.09	0.301	SE	/

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C1	20231221	Sunny	Moderate	Mid-Flood	Surface	1	13:10	9.34	8.13	33.02	23.93	2.64	0.197	NW	/
C1	20231221	Sunny	Moderate	Mid-Flood	Surface	1	13:10	9.24	8.15	33.18	23.94	2.55	0.199	N	/
C1	20231221	Sunny	Moderate	Mid-Flood	Middle	11.4	13:09	9.27	8.18	33.18	23.91	2.89	0.202	NW	/
C1	20231221	Sunny	Moderate	Mid-Flood	Middle	11.4	13:09	9.4	8.17	33.12	23.96	2.8	0.201	NW	/
C1	20231221	Sunny	Moderate	Mid-Flood	Bottom	21.8	13:08	9.24	8.17	33.25	23.96	2.98	0.193	NW	/
C1	20231221	Sunny	Moderate	Mid-Flood	Bottom	21.8	13:08	9.23	8.11	33.12	23.91	2.91	0.194	N	/
C2	20231221	Sunny	Moderate	Mid-Flood	Surface	1	12:04	9.04	8.31	33.37	24.17	3.24	0.177	N	/
C2	20231221	Sunny	Moderate	Mid-Flood	Surface	1	12:04	8.9	8.32	33.28	24.13	3.28	0.185	NW	/
C2	20231221	Sunny	Moderate	Mid-Flood	Middle	10.6	12:03	8.98	8.37	33.27	24.12	3.32	0.163	NW	/
C2	20231221	Sunny	Moderate	Mid-Flood	Middle	10.6	12:03	8.95	8.34	33.31	24.17	3.35	0.174	NW	/
C2	20231221	Sunny	Moderate	Mid-Flood	Bottom	20.2	12:02	8.88	8.28	33.24	24.16	3.27	0.224	NW	/
C2	20231221	Sunny	Moderate	Mid-Flood	Bottom	20.2	12:02	9.03	8.33	33.20	24.15	3.41	0.213	NW	/
M1	20231221	Sunny	Moderate	Mid-Flood	Surface	1	12:30	9.46	8.19	33.34	23.96	2.3	0.177	N	/
M1	20231221	Sunny	Moderate	Mid-Flood	Surface	1	12:30	9.47	8.26	33.41	23.97	2.59	0.212	NW	/
M1	20231221	Sunny	Moderate	Mid-Flood	Middle	3.2	12:29	9.62	8.21	33.21	23.98	2.4	0.179	N	/
M1	20231221	Sunny	Moderate	Mid-Flood	Middle	3.2	12:29	9.63	8.21	33.22	23.97	2.48	0.214	NW	/
M1	20231221	Sunny	Moderate	Mid-Flood	Bottom	5.4	12:28	9.55	8.21	33.25	23.95	2.55	0.206	NW	/
M1	20231221	Sunny	Moderate	Mid-Flood	Bottom	5.4	12:28	9.55	8.28	33.40	23.93	2.49	0.188	NW	/
M2	20231221	Sunny	Moderate	Mid-Flood	Surface	1	12:46	9.52	8.38	33.12	23.83	2.97	0.222	NW	/
M2	20231221	Sunny	Moderate	Mid-Flood	Surface	1	12:46	9.51	8.39	32.91	23.85	2.84	0.2	NW	/
M2	20231221	Sunny	Moderate	Mid-Flood	Middle	6	12:45	9.42	8.38	33.14	23.84	3.07	0.177	NW	/
M2	20231221	Sunny	Moderate	Mid-Flood	Middle	6	12:45	9.35	8.38	32.93	23.83	3.2	0.209	NW	/
M2	20231221	Sunny	Moderate	Mid-Flood	Bottom	11	12:44	9.43	8.3	33.11	23.84	2.82	0.217	NW	/
M2	20231221	Sunny	Moderate	Mid-Flood	Bottom	11	12:44	9.46	8.37	33.14	23.85	2.81	0.168	NW	/
M3	20231221	Sunny	Moderate	Mid-Flood	Surface	1	12:18	8.67	8.19	32.52	24.01	1.81	0.186	NW	/
M3	20231221	Sunny	Moderate	Mid-Flood	Surface	1	12:18	8.68	8.25	32.67	24.01	1.85	0.213	N	/
M3	20231221	Sunny	Moderate	Mid-Flood	Middle	3.75	12:17	8.74	8.29	32.72	24.00	1.81	0.177	NW	/
M3	20231221	Sunny	Moderate	Mid-Flood	Middle	3.75	12:17	8.6	8.3	32.63	24.01	1.98	0.194	NW	/
M3	20231221	Sunny	Moderate	Mid-Flood	Bottom	6.5	12:16	8.71	8.21	32.60	23.99	1.78	0.224	NW	/
M3	20231221	Sunny	Moderate	Mid-Flood	Bottom	6.5	12:16	8.77	8.22	32.63	23.99	1.97	0.195	NW	/
M4	20231221	Sunny	Moderate	Mid-Flood	Surface	1	13:34	9.5	8.13	32.70	23.94	1.73	0.177	N	/
M4	20231221	Sunny	Moderate	Mid-Flood	Surface	1	13:34	9.44	8.15	32.51	23.98	1.98	0.176	NW	/
M4	20231221	Sunny	Moderate	Mid-Flood	Bottom	4	13:33	9.44	8.19	32.49	23.96	1.81	0.213	NW	/
M4	20231221	Sunny	Moderate	Mid-Flood	Bottom	4	13:33	9.53	8.17	32.57	23.96	1.59	0.208	NW	/