

Impact Water Quality Monitoring for Dredging Activities at ESC CMP Vc

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2022/03/30	ME	US1	12:35	B	9.9	140.8	0.57	20.49	29.02	92.07	6.99	8.91	8.08	14.2
2022/03/30	ME	US1	12:35	M	6.1	120.9	1.06	20.52	28.82	88.68	6.74	8.91	8.08	14.7
2022/03/30	ME	US1	12:36	T	0.8	129.0	0.70	21.33	26.20	90.27	6.86	3.72	8.04	3.7
2022/03/30	ME	US1	12:37	B	10.0	96.3	0.66	20.49	29.02	87.98	6.68	9.51	8.08	13.9
2022/03/30	ME	US1	12:38	M	6.1	104.3	0.80	20.49	29.00	87.88	6.67	8.01	8.07	15.1
2022/03/30	ME	US1	12:38	T	1.0	118.7	1.17	21.35	26.29	89.97	6.83	3.32	8.03	3.8
2022/03/30	ME	US2	12:42	B	7.9	129.0	0.54	20.47	29.24	91.64	6.95	16.10	8.07	22.2
2022/03/30	ME	US2	12:43	M	5.1	130.3	0.77	20.48	29.10	89.05	6.76	12.11	8.07	13.9
2022/03/30	ME	US2	12:44	T	1.2	129.8	0.67	21.49	26.71	90.84	6.86	4.52	8.04	4.3
2022/03/30	ME	US2	12:45	B	8.1	146.9	0.45	20.46	29.29	87.75	6.66	14.81	8.07	22.8
2022/03/30	ME	US2	12:45	M	5.2	147.8	0.90	20.61	28.49	88.84	6.75	7.01	8.07	14.1
2022/03/30	ME	US2	12:46	T	1.1	146.7	0.35	21.51	26.57	90.63	6.85	3.72	8.03	4.0
2022/03/30	ME	DS1	12:53	B	8.9	106.2	1.00	20.47	29.22	91.59	6.95	10.61	8.05	7.9
2022/03/30	ME	DS1	12:54	M	4.8	105.2	0.96	20.51	28.81	89.10	6.77	6.41	8.05	7.4
2022/03/30	ME	DS1	12:55	T	1.2	122.7	0.99	21.06	27.21	89.60	6.80	3.52	8.03	4.1
2022/03/30	ME	DS1	12:55	B	9.0	129.2	0.50	20.47	29.19	87.70	6.66	12.01	8.05	8.0
2022/03/30	ME	DS1	12:56	M	5.4	130.2	0.70	20.51	28.81	87.70	6.67	6.51	8.05	7.5
2022/03/30	ME	DS1	12:57	T	1.3	110.8	0.78	21.09	27.48	89.79	6.80	4.02	8.04	4.4
2022/03/30	ME	DS2	13:06	B	7.3	134.5	0.54	20.48	29.15	87.56	6.64	22.10	8.04	24.8
2022/03/30	ME	DS2	13:06	M	4.7	100.2	0.32	20.49	29.05	86.86	6.59	14.91	8.04	18.8
2022/03/30	ME	DS2	13:07	T	1.2	93.0	1.13	21.21	27.32	89.54	6.78	4.42	8.02	6.4
2022/03/30	ME	DS2	13:08	B	7.3	82.7	0.36	20.48	29.14	87.25	6.62	22.70	8.04	23.5
2022/03/30	ME	DS2	13:08	M	4.6	119.3	0.76	20.50	28.96	87.35	6.63	11.81	8.04	18.9
2022/03/30	ME	DS2	13:09	T	1.2	93.0	1.13	21.28	27.28	88.94	6.72	5.31	8.02	6.3
2022/03/30	ME	DS3	13:17	B	9.4	78.4	0.32	20.48	29.08	87.61	6.65	22.70	8.02	20.8
2022/03/30	ME	DS3	13:18	M	5.4	128.7	0.46	20.52	28.89	87.61	6.65	11.61	8.02	12.0
2022/03/30	ME	DS3	13:19	T	1.3	105.1	0.84	21.30	27.22	89.59	6.77	4.42	8.01	4.6
2022/03/30	ME	DS3	13:19	B	9.3	44.5	0.31	20.48	29.06	87.41	6.64	22.50	8.02	20.7
2022/03/30	ME	DS3	13:20	M	5.6	92.0	0.59	20.50	28.98	87.01	6.61	15.00	8.02	12.1
2022/03/30	ME	DS3	13:21	T	1.1	145.1	0.98	21.34	27.31	89.68	6.77	5.01	8.01	4.6
2022/03/30	ME	DS4	13:29	B	6.1	84.4	0.62	20.49	29.02	87.66	6.66	23.80	8.01	28.2
2022/03/30	ME	DS4	13:30	M	4.2	80.8	0.80	20.59	28.77	87.46	6.64	12.11	8.01	12.6
2022/03/30	ME	DS4	13:30	T	1.1	111.8	0.95	21.28	27.14	89.84	6.80	4.22	7.99	4.1
2022/03/30	ME	DS4	13:31	B	6.0	108.4	0.53	20.49	29.02	87.56	6.65	26.99	8.01	28.4
2022/03/30	ME	DS4	13:32	M	3.9	99.5	0.76	20.56	28.84	87.35	6.63	13.01	8.01	12.3
2022/03/30	ME	DS4	13:32	T	1.1	103.7	0.81	21.40	27.15	89.63	6.77	4.72	7.99	4.2
2022/03/30	ME	DS5	13:38	B	6.2	113.5	0.40	20.50	29.09	91.40	6.94	12.21	7.99	17.2
2022/03/30	ME	DS5	13:38	M	3.9	77.2	0.50	20.54	28.83	88.82	6.75	12.01	7.99	5.2
2022/03/30	ME	DS5	13:39	T	1.2	66.3	0.88	21.16	27.16	90.20	6.84	4.22	7.98	4.6
2022/03/30	ME	DS5	13:39	B	6.5	110.6	0.27	20.49	29.16	87.42	6.63	12.81	7.99	17.4
2022/03/30	ME	DS5	13:40	M	3.8	81.7	0.42	20.56	28.75	86.83	6.59	11.91	7.99	4.8
2022/03/30	ME	DS5	13:40	T	0.9	66.3	0.88	21.24	27.06	89.70	6.80	4.32	7.98	4.3
2022/03/30	ME	MW1	11:12	B	19.0	109.5	0.23	20.38	30.69	88.04	6.63	6.31	8.08	9.9
2022/03/30	ME	MW1	11:13	M	10.4	290.5	0.26	20.39	30.65	87.54	6.60	5.21	8.08	8.0
2022/03/30	ME	MW1	11:13	T	0.9	94.2	0.35	20.42	30.55	87.73	6.61	5.31	8.09	9.6
2022/03/30	ME	MW1	11:14	B	19.1	1.0	0.54	20.38	30.66	86.53	6.52	5.61	8.09	10.3
2022/03/30	ME	MW1	11:15	M	10.7	123.8	0.22	20.39	30.63	86.53	6.52	5.01	8.10	8.5
2022/03/30	ME	MW1	11:16	T	1.0	55.0	0.65	20.41	30.54	86.92	6.55	5.31	8.09	9.5

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2022/03/30	MF	MW1	18:30	B	18.9	278.5	0.23	20.55	30.50	91.88	6.91	6.81	7.99	9.3
2022/03/30	MF	MW1	18:31	M	10.7	105.1	0.53	20.55	30.48	88.88	6.68	6.01	8.00	9.2
2022/03/30	MF	MW1	18:31	T	1.1	146.5	0.17	20.72	29.98	88.28	6.64	3.62	7.99	4.5
2022/03/30	MF	MW1	18:32	B	19.1	120.0	0.38	20.54	30.53	86.68	6.52	6.61	8.00	9.4
2022/03/30	MF	MW1	18:33	M	10.6	113.8	0.54	20.54	30.53	86.48	6.50	6.61	8.00	9.6
2022/03/30	MF	MW1	18:34	T	1.2	194.8	0.04	20.75	29.87	87.38	6.57	3.82	7.99	4.3
2022/03/30	MF	DS1	16:19	B	9.0	82.8	0.11	20.72	28.43	91.61	6.95	12.41	8.01	17.8
2022/03/30	MF	DS1	16:20	M	5.6	87.3	0.38	20.75	28.32	89.41	6.78	10.11	8.01	10.9
2022/03/30	MF	DS1	16:21	T	0.8	285.8	1.08	20.84	28.10	90.21	6.84	6.41	8.02	8.9
2022/03/30	MF	DS1	16:22	B	9.1	334.1	0.47	20.63	28.67	88.81	6.74	11.81	8.02	18.4
2022/03/30	MF	DS1	16:23	M	5.4	353.3	0.23	20.75	28.31	89.11	6.76	9.61	8.02	10.9
2022/03/30	MF	DS1	16:23	T	0.9	307.1	0.44	20.81	28.10	89.51	6.79	6.61	8.02	8.9
2022/03/30	MF	DS2	16:29	B	9.2	310.8	0.80	20.66	28.46	90.62	6.88	12.31	8.01	14.0
2022/03/30	MF	DS2	16:30	M	5.2	298.5	0.09	20.83	28.15	89.92	6.82	6.71	8.02	7.7
2022/03/30	MF	DS2	16:30	T	1.0	7.2	0.63	20.92	27.99	90.72	6.88	5.91	8.02	6.4
2022/03/30	MF	DS2	16:32	B	8.9	252.2	0.06	20.67	28.43	87.92	6.68	11.51	8.00	14.4
2022/03/30	MF	DS2	16:32	M	5.0	353.5	0.28	20.81	28.18	89.42	6.78	7.11	8.00	7.5
2022/03/30	MF	DS2	16:33	T	1.1	338.4	0.50	20.96	27.97	90.42	6.85	5.71	8.00	6.3
2022/03/30	MF	DS3	16:38	B	8.1	31.3	0.37	20.83	28.18	92.32	7.00	9.21	8.00	11.5
2022/03/30	MF	DS3	16:39	M	4.8	339.1	0.10	20.92	28.02	91.02	6.90	6.41	8.00	7.2
2022/03/30	MF	DS3	16:39	T	1.0	293.5	0.51	21.58	27.01	93.22	7.02	4.52	7.99	7.2
2022/03/30	MF	DS3	16:40	B	8.0	304.8	0.37	20.82	28.18	90.82	6.89	11.51	8.00	11.5
2022/03/30	MF	DS3	16:41	M	5.1	17.3	0.40	20.84	28.16	89.72	6.80	7.11	8.00	7.2
2022/03/30	MF	DS3	16:41	T	1.0	228.4	0.44	21.55	27.28	93.43	7.03	4.52	8.00	7.5
2022/03/30	MF	DS4	16:47	B	8.0	228.2	0.26	20.81	28.21	90.63	6.87	13.11	8.00	15.4
2022/03/30	MF	DS4	16:47	M	5.0	322.0	0.62	20.87	28.10	89.93	6.82	7.61	8.00	8.7
2022/03/30	MF	DS4	16:48	T	1.0	307.1	0.68	21.35	27.46	90.83	6.85	4.52	7.98	6.0
2022/03/30	MF	DS4	16:49	B	8.1	293.4	0.58	20.82	28.20	89.53	6.79	11.31	8.00	14.6
2022/03/30	MF	DS4	16:49	M	5.2	335.6	0.64	20.87	28.11	89.53	6.79	8.51	8.00	8.6
2022/03/30	MF	DS4	16:50	T	0.9	293.2	0.72	20.95	27.88	90.13	6.83	5.41	8.00	5.7
2022/03/30	MF	DS5	16:55	B	8.1	312.1	0.57	20.82	28.21	91.33	6.93	9.61	8.00	12.0
2022/03/30	MF	DS5	16:55	M	4.9	333.1	0.25	20.85	28.04	89.93	6.82	6.21	7.99	4.6
2022/03/30	MF	DS5	16:56	T	0.9	276.9	0.35	21.62	26.86	90.43	6.81	4.12	7.96	13.8
2022/03/30	MF	DS5	16:56	B	8.0	278.0	0.25	20.81	28.23	88.63	6.72	11.21	8.00	12.6
2022/03/30	MF	DS5	16:57	M	5.1	309.9	0.36	20.84	28.05	88.33	6.70	6.21	7.99	4.7
2022/03/30	MF	DS5	16:58	T	1.1	263.0	1.08	21.52	27.14	90.33	6.81	3.82	7.97	13.4
2022/03/30	MF	US1	17:12	B	10.0	295.6	0.41	20.67	28.50	91.14	6.92	16.40	7.99	4.8
2022/03/30	MF	US1	17:12	M	6.1	311.9	0.57	20.73	28.35	89.54	6.80	12.11	7.99	14.5
2022/03/30	MF	US1	17:13	T	1.2	281.3	0.65	20.99	27.84	89.84	6.81	4.82	7.99	4.8
2022/03/30	MF	US1	17:14	B	10.1	289.7	0.46	20.67	28.48	88.24	6.70	17.80	7.99	4.9
2022/03/30	MF	US1	17:15	M	6.0	280.2	0.51	20.75	28.31	88.24	6.70	10.81	7.99	14.6
2022/03/30	MF	US1	17:16	T	0.9	297.7	1.24	21.22	27.55	90.74	6.86	3.32	7.98	4.4
2022/03/30	MF	US2	17:21	B	7.5	291.1	0.98	20.74	28.39	91.35	6.93	14.31	7.99	17.8
2022/03/30	MF	US2	17:23	M	5.4	269.4	0.65	20.70	28.52	87.35	6.63	20.60	7.99	25.0
2022/03/30	MF	US2	17:24	T	1.1	310.9	0.82	21.47	27.34	91.85	6.92	4.12	8.00	22.8
2022/03/30	MF	US2	17:25	B	8.3	241.1	0.68	20.58	29.04	88.05	6.67	26.09	7.99	17.9
2022/03/30	MF	US2	17:25	M	4.9	276.3	0.92	20.79	28.34	87.55	6.64	16.30	7.99	26.1
2022/03/30	MF	US2	17:26	T	1.2	267.9	0.73	21.46	27.34	92.15	6.94	3.82	8.00	24.0