

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)
2022/05/02	ME	US1	12:30	B	11.9	154.5	0.42	24.30	28.45	83.09	5.91	3.68	7.97	4.8
2022/05/02	ME	US1	12:30	M	6.9	213.3	0.24	24.44	27.64	82.39	5.87	5.08	7.97	7.4
2022/05/02	ME	US1	12:31	T	1.1	89.2	0.71	24.56	24.80	86.48	6.25	3.28	7.96	5.1
2022/05/02	ME	US1	12:32	B	12.1	91.7	0.40	24.28	28.54	82.59	5.87	3.88	7.99	4.8
2022/05/02	ME	US1	12:33	M	7.1	145.0	0.31	24.43	27.62	82.28	5.87	5.28	7.99	7.1
2022/05/02	ME	US1	12:33	T	0.9	294.3	0.89	24.51	25.33	85.48	6.17	3.98	8.00	5.1
2022/05/02	ME	US2	12:39	B	9.0	313.2	0.04	24.17	29.99	81.56	5.76	6.98	8.01	7.8
2022/05/02	ME	US2	12:39	M	5.5	77.7	0.36	24.44	28.19	81.46	5.79	6.88	8.00	9.0
2022/05/02	ME	US2	12:40	T	1.0	84.2	0.55	24.54	25.05	85.85	6.20	3.78	8.00	4.6
2022/05/02	ME	US2	12:40	B	9.1	153.1	0.60	24.20	29.87	81.06	5.73	5.68	8.01	7.8
2022/05/02	ME	US2	12:41	M	5.3	94.6	0.69	24.44	28.31	80.85	5.74	6.48	8.00	9.1
2022/05/02	ME	US2	12:42	T	0.8	74.0	0.44	24.55	24.96	86.04	6.22	3.38	8.00	4.6
2022/05/02	ME	DS1	12:49	B	11.2	245.4	0.28	24.20	29.90	82.42	5.83	5.18	8.01	7.2
2022/05/02	ME	DS1	12:49	M	6.4	174.4	0.09	24.22	28.81	83.32	5.92	3.28	8.01	4.2
2022/05/02	ME	DS1	12:50	T	1.2	120.8	0.85	24.38	26.37	86.01	6.18	4.48	8.02	5.5
2022/05/02	ME	DS1	12:51	B	11.1	73.3	0.62	24.20	29.96	81.42	5.75	5.08	8.01	7.0
2022/05/02	ME	DS1	12:51	M	6.6	88.8	0.80	24.22	28.80	83.21	5.92	2.48	8.02	4.2
2022/05/02	ME	DS1	12:52	T	0.8	104.3	0.92	24.53	25.29	83.01	5.99	2.28	8.01	5.7
2022/05/02	ME	DS2	12:57	B	10.2	104.8	0.51	24.24	29.72	82.49	5.83	4.68	8.00	6.6
2022/05/02	ME	DS2	12:57	M	6.1	98.7	0.91	24.35	27.73	83.99	5.99	2.88	8.00	4.1
2022/05/02	ME	DS2	12:58	T	1.3	112.7	0.75	24.48	26.29	85.58	6.14	4.18	8.00	5.5
2022/05/02	ME	DS2	12:59	B	10.4	78.9	0.85	24.22	29.91	81.09	5.73	5.38	8.00	6.7
2022/05/02	ME	DS2	12:59	M	6.2	58.3	0.80	24.35	27.79	83.48	5.96	2.98	8.00	4.1
2022/05/02	ME	DS2	13:00	T	1.4	54.3	0.69	24.48	26.10	85.37	6.14	3.98	8.01	5.5
2022/05/02	ME	DS3	13:05	B	14.0	80.8	0.25	24.08	30.67	81.37	5.74	7.38	8.01	11.1
2022/05/02	ME	DS3	13:06	M	7.8	62.2	0.52	24.29	27.97	83.76	5.98	3.08	8.01	3.5
2022/05/02	ME	DS3	13:06	T	1.2	106.7	0.40	24.54	25.74	85.85	6.18	3.58	8.00	4.0
2022/05/02	ME	DS3	13:07	B	14.0	15.8	0.45	24.14	30.45	80.46	5.67	6.88	8.01	11.6
2022/05/02	ME	DS3	13:08	M	7.9	104.4	0.70	24.32	27.81	83.45	5.96	3.28	8.01	3.4
2022/05/02	ME	DS3	13:08	T	0.9	125.8	0.88	24.54	25.52	86.24	6.21	3.48	7.99	4.1
2022/05/02	ME	DS4	13:13	B	8.9	53.9	0.11	24.21	29.56	82.83	5.86	3.98	8.00	3.5
2022/05/02	ME	DS4	13:14	M	5.5	101.6	0.72	24.44	27.24	83.92	6.00	3.08	7.99	3.9
2022/05/02	ME	DS4	13:14	T	1.1	110.3	0.80	24.55	25.42	86.81	6.26	3.18	7.99	4.6
2022/05/02	ME	DS4	13:15	B	9.0	10.5	0.24	24.20	29.92	81.93	5.79	4.48	8.00	3.5
2022/05/02	ME	DS4	13:16	M	5.5	94.6	0.52	24.42	27.32	83.42	5.96	3.08	7.99	3.8
2022/05/02	ME	DS4	13:16	T	1.1	102.5	0.90	24.52	25.73	86.51	6.23	7.08	8.00	4.8
2022/05/02	ME	DS5	13:21	B	7.9	65.2	0.46	24.26	29.23	82.80	5.87	10.28	7.99	4.9
2022/05/02	ME	DS5	13:21	M	5.1	90.9	0.76	24.37	27.22	84.69	6.06	3.18	7.99	6.7
2022/05/02	ME	DS5	13:22	T	1.1	87.2	0.95	24.52	25.81	86.88	6.25	3.48	7.98	4.4
2022/05/02	ME	DS5	13:23	B	8.2	89.6	0.82	24.26	29.29	81.80	5.80	10.28	7.98	5.0
2022/05/02	ME	DS5	13:23	M	5.2	61.9	0.79	24.41	27.26	83.49	5.97	4.18	7.98	7.0
2022/05/02	ME	DS5	13:24	T	1.2	105.6	1.03	24.55	25.41	86.78	6.25	3.38	7.98	4.4
2022/05/02	ME	MW1	14:02	B	19.1	357.2	0.47	24.00	30.37	85.53	6.05	1.98	7.99	3.8
2022/05/02	ME	MW1	14:02	M	10.6	109.2	0.15	24.01	30.30	85.33	6.04	1.78	7.99	3.5
2022/05/02	ME	MW1	14:03	T	1.0	67.7	1.14	24.14	28.13	88.11	6.30	1.68	7.99	4.6
2022/05/02	ME	MW1	14:04	B	19.1	95.9	0.25	24.02	30.20	84.83	6.00	1.88	7.99	3.8
2022/05/02	ME	MW1	14:05	M	10.3	22.0	0.35	24.08	29.84	84.43	5.98	1.78	7.98	3.5
2022/05/02	ME	MW1	14:06	T	0.8	82.1	1.08	24.15	27.47	88.30	6.33	1.58	7.98	4.5

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2022/05/02	MF	MW1	06:05	B	18.2	105.7	0.43	24.15	30.54	82.26	5.80	4.48	8.06	4.4
2022/05/02	MF	MW1	06:07	M	10.6	163.4	0.28	24.17	30.22	81.66	5.76	3.78	8.07	6.1
2022/05/02	MF	MW1	06:07	T	1.3	6.2	0.69	24.22	27.71	84.76	6.06	2.08	8.06	3.2
2022/05/02	MF	MW1	06:10	B	18.9	75.3	0.26	24.08	30.94	83.56	5.88	6.58	8.10	4.3
2022/05/02	MF	MW1	06:11	M	10.7	46.0	0.49	24.14	29.99	82.95	5.87	3.08	8.10	6.2
2022/05/02	MF	MW1	06:12	T	1.0	268.1	0.27	24.07	27.19	85.55	6.16	2.08	8.10	3.3
2022/05/02	MF	DS1	07:22	B	10.0	281.0	0.49	24.39	29.03	81.46	5.77	21.88	8.07	26.5
2022/05/02	MF	DS1	07:22	M	6.0	303.9	0.70	24.56	26.76	82.85	5.92	5.98	8.06	7.2
2022/05/02	MF	DS1	07:23	T	1.2	313.6	0.76	24.33	24.93	85.95	6.24	3.68	8.06	5.1
2022/05/02	MF	DS1	07:24	B	9.9	303.3	0.34	24.40	28.90	81.75	5.79	15.98	8.07	25.1
2022/05/02	MF	DS1	07:25	M	6.1	303.2	0.87	24.52	27.37	82.75	5.90	5.58	8.07	7.3
2022/05/02	MF	DS1	07:25	T	1.0	307.5	1.23	24.30	24.89	85.84	6.23	3.98	8.07	5.2
2022/05/02	MF	DS2	07:30	B	10.5	314.8	1.27	24.38	29.19	81.54	5.77	18.98	8.06	26.8
2022/05/02	MF	DS2	07:31	M	5.8	304.8	0.86	24.44	28.28	81.94	5.82	11.08	8.07	13.4
2022/05/02	MF	DS2	07:32	T	1.1	285.9	0.86	24.43	25.43	84.84	6.13	4.38	8.06	5.1
2022/05/02	MF	DS2	07:32	B	10.0	291.1	0.53	24.38	29.11	81.14	5.74	16.38	8.07	28.0
2022/05/02	MF	DS2	07:33	M	5.7	295.2	0.85	24.43	28.47	81.64	5.79	11.68	8.07	13.6
2022/05/02	MF	DS2	07:34	T	1.1	300.8	0.83	24.43	25.41	84.63	6.11	3.98	8.06	5.2
2022/05/02	MF	DS3	07:38	B	9.0	311.2	0.82	24.40	29.17	81.23	5.75	22.28	8.06	25.1
2022/05/02	MF	DS3	07:39	M	5.7	311.5	0.84	24.48	27.41	83.03	5.92	6.18	8.06	7.4
2022/05/02	MF	DS3	07:40	T	1.0	316.5	1.14	24.26	24.76	86.72	6.31	3.58	8.05	4.6
2022/05/02	MF	DS3	07:41	B	9.3	274.7	0.64	24.40	29.17	80.63	5.70	20.28	8.06	24.8
2022/05/02	MF	DS3	07:42	M	5.3	316.2	1.12	24.50	26.62	83.12	5.96	5.08	8.06	7.4
2022/05/02	MF	DS3	07:42	T	1.2	239.8	0.66	24.32	24.94	86.02	6.24	3.38	8.05	4.5
2022/05/02	MF	DS4	07:47	B	9.3	8.6	0.34	24.45	28.80	81.92	5.80	29.48	8.06	23.7
2022/05/02	MF	DS4	07:48	M	5.4	302.1	1.09	24.54	27.80	81.22	5.78	14.58	8.04	12.5
2022/05/02	MF	DS4	07:49	T	1.2	319.6	0.63	24.26	24.91	86.11	6.26	4.58	8.05	5.5
2022/05/02	MF	DS4	07:49	B	9.2	321.2	0.52	24.45	28.80	81.32	5.76	31.98	8.05	22.6
2022/05/02	MF	DS4	07:50	M	5.3	304.7	0.95	24.53	27.94	81.02	5.76	16.78	8.05	12.9
2022/05/02	MF	DS4	07:51	T	1.3	317.2	1.05	24.26	24.82	85.91	6.24	4.88	8.05	5.6
2022/05/02	MF	DS5	07:58	B	9.2	307.3	0.37	24.47	28.66	80.61	5.71	27.48	8.04	20.5
2022/05/02	MF	DS5	07:58	M	5.7	313.1	0.89	24.65	26.68	81.11	5.79	9.18	8.02	8.6
2022/05/02	MF	DS5	07:59	T	1.0	335.3	0.76	24.03	24.13	87.79	6.43	3.58	8.04	3.7
2022/05/02	MF	DS5	08:00	B	9.3	336.9	0.55	24.47	28.69	80.21	5.68	24.48	8.04	21.5
2022/05/02	MF	DS5	08:00	M	5.6	326.8	1.15	24.61	26.57	81.70	5.84	7.88	8.03	8.9
2022/05/02	MF	DS5	08:01	T	1.2	293.7	0.74	23.97	24.07	88.08	6.46	3.48	8.04	3.8
2022/05/02	MF	US1	08:19	B	10.7	334.1	0.81	24.23	30.04	81.88	5.78	14.48	8.03	13.3
2022/05/02	MF	US1	08:19	M	6.6	318.5	0.78	24.35	28.77	81.97	5.82	9.08	8.03	10.2
2022/05/02	MF	US1	08:20	T	0.9	311.4	0.49	24.36	25.59	85.16	6.15	3.88	8.01	4.8
2022/05/02	MF	US1	08:21	B	10.8	334.6	0.22	24.23	30.02	81.17	5.73	11.68	8.03	13.2
2022/05/02	MF	US1	08:22	M	6.7	327.0	0.35	24.34	28.58	81.77	5.81	7.78	8.03	10.2
2022/05/02	MF	US1	08:22	T	1.2	215.7	0.33	24.29	25.29	85.76	6.21	2.98	8.01	4.7
2022/05/02	MF	US2	08:27	B	10.1	293.6	0.50	24.21	30.22	81.46	5.75	16.08	8.03	19.3
2022/05/02	MF	US2	08:28	M	6.2	288.2	0.98	24.40	27.94	82.36	5.87	6.58	8.01	7.5
2022/05/02	MF	US2	08:28	T	1.1	329.5	1.04	24.44	25.63	84.25	6.08	4.28	8.00	5.4
2022/05/02	MF	US2	08:29	B	10.2	184.0	0.26	24.22	30.17	80.66	5.69	14.58	8.02	19.8
2022/05/02	MF	US2	08:30	M	5.8	301.5	0.77	24.42	27.75	81.96	5.84	7.18	8.02	7.3
2022/05/02	MF	US2	08:30	T	1.0	323.4	0.85	24.49	25.84	83.75	6.03	4.38	8.00	5.4