

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)
2022/04/19	ME	US1	13:12	B	9.8	104.4	0.45	22.33	29.02	84.85	6.23	7.48	8.07	11.9
2022/04/19	ME	US1	13:13	M	6.2	138.5	0.49	22.34	28.44	84.35	6.21	7.98	8.05	11.4
2022/04/19	ME	US1	13:13	T	1.1	122.7	1.13	22.29	28.13	85.25	6.30	8.18	8.05	12.5
2022/04/19	ME	US1	13:14	B	10.0	118.0	0.46	22.34	28.91	83.95	6.17	7.68	8.06	12.1
2022/04/19	ME	US1	13:15	M	5.8	102.3	0.73	22.34	28.49	84.04	6.19	7.98	8.06	11.0
2022/04/19	ME	US1	13:15	T	1.2	119.0	0.62	22.30	28.23	84.94	6.27	8.68	8.06	11.7
2022/04/19	ME	US2	13:21	B	9.0	123.8	0.74	22.34	29.05	83.74	6.15	26.18	8.08	33.2
2022/04/19	ME	US2	13:22	M	5.8	112.9	0.70	22.32	28.90	84.24	6.19	15.48	8.08	17.9
2022/04/19	ME	US2	13:23	T	1.2	124.6	0.54	22.22	28.64	87.03	6.42	13.48	8.10	17.5
2022/04/19	ME	US2	13:23	B	8.9	109.1	0.41	22.34	29.05	83.54	6.13	25.98	8.08	34.3
2022/04/19	ME	US2	13:24	M	5.5	157.9	0.64	22.32	28.94	84.03	6.17	18.68	8.09	17.3
2022/04/19	ME	US2	13:25	T	1.0	170.7	0.26	22.23	28.71	86.43	6.37	15.98	8.10	17.8
2022/04/19	ME	DS1	13:32	B	9.9	96.4	0.34	22.33	29.67	84.53	6.18	13.48	8.11	18.1
2022/04/19	ME	DS1	13:32	M	6.2	122.9	0.31	22.35	28.77	84.33	6.20	9.88	8.10	25.9
2022/04/19	ME	DS1	13:33	T	1.1	129.5	0.98	22.33	28.44	84.72	6.24	7.28	8.10	13.9
2022/04/19	ME	DS1	13:34	B	10.1	106.2	0.42	22.33	29.72	83.32	6.09	16.88	8.10	19.2
2022/04/19	ME	DS1	13:35	M	6.1	83.7	0.97	22.34	28.89	83.72	6.15	10.08	8.10	25.9
2022/04/19	ME	DS1	13:36	T	1.1	118.7	0.59	22.34	28.54	84.32	6.21	6.98	8.08	13.6
2022/04/19	ME	DS2	13:41	B	9.9	100.5	0.37	22.33	29.48	83.92	6.15	14.28	8.09	19.8
2022/04/19	ME	DS2	13:42	M	6.2	106.6	0.79	22.34	28.97	84.12	6.18	9.48	8.09	11.3
2022/04/19	ME	DS2	13:42	T	1.2	109.1	0.53	22.32	28.39	84.71	6.24	6.88	8.08	10.2
2022/04/19	ME	DS2	13:43	B	10.0	5.3	0.40	22.34	29.41	83.21	6.10	14.08	8.08	19.8
2022/04/19	ME	DS2	13:44	M	5.8	119.2	1.03	22.34	28.95	83.51	6.13	9.98	8.09	11.2
2022/04/19	ME	DS2	13:44	T	1.3	109.4	1.00	22.34	28.54	84.31	6.21	7.08	8.09	10.6
2022/04/19	ME	DS3	13:50	B	13.0	137.1	0.30	22.32	29.83	82.81	6.05	15.18	8.10	19.2
2022/04/19	ME	DS3	13:51	M	7.7	19.3	0.53	22.33	29.11	83.31	6.11	10.78	8.10	13.2
2022/04/19	ME	DS3	13:51	T	1.1	112.5	0.41	22.33	28.43	84.50	6.23	6.98	8.09	10.9
2022/04/19	ME	DS3	13:52	B	13.0	289.8	0.52	22.32	29.85	82.21	6.01	15.18	8.09	20.0
2022/04/19	ME	DS3	13:53	M	7.5	108.0	0.52	22.33	29.18	83.10	6.10	10.28	8.10	13.1
2022/04/19	ME	DS3	13:54	T	1.0	84.8	1.17	22.34	28.47	84.30	6.21	6.78	8.09	11.1
2022/04/19	ME	DS4	13:58	B	7.9	84.7	0.43	22.32	29.29	84.30	6.18	15.88	8.11	17.4
2022/04/19	ME	DS4	13:59	M	4.9	117.1	0.75	22.33	28.72	84.00	6.18	10.18	8.10	15.9
2022/04/19	ME	DS4	13:59	T	1.2	120.5	0.97	22.33	28.38	84.70	6.24	6.68	8.10	9.4
2022/04/19	ME	DS4	14:00	B	8.0	113.4	0.36	22.32	29.26	83.20	6.10	16.28	8.09	17.5
2022/04/19	ME	DS4	14:01	M	5.1	89.3	0.42	22.33	28.82	83.60	6.15	9.68	8.09	15.9
2022/04/19	ME	DS4	14:01	T	1.2	67.3	1.04	22.33	28.39	84.59	6.23	6.48	8.09	9.6
2022/04/19	ME	DS5	14:07	B	7.9	71.0	0.71	22.30	28.81	83.99	6.18	30.08	8.07	35.3
2022/04/19	ME	DS5	14:07	M	5.0	118.8	0.67	22.32	28.62	84.09	6.19	17.08	8.07	27.4
2022/04/19	ME	DS5	14:08	T	1.2	122.9	1.00	22.33	28.43	84.79	6.25	7.88	8.07	10.8
2022/04/19	ME	DS5	14:09	B	7.9	131.9	0.62	22.31	28.78	83.59	6.15	28.68	8.07	37.2
2022/04/19	ME	DS5	14:09	M	5.0	59.3	0.76	22.33	28.60	83.89	6.17	15.98	8.07	27.2
2022/04/19	ME	DS5	14:10	T	1.0	77.2	0.61	22.33	28.36	84.68	6.24	8.18	8.07	10.9
2022/04/19	ME	MW1	14:49	B	19.2	41.4	0.45	22.23	30.38	85.44	6.24	7.38	8.10	14.5
2022/04/19	ME	MW1	14:49	M	10.5	39.9	0.34	22.23	30.29	85.34	6.23	4.48	8.10	7.4
2022/04/19	ME	MW1	14:50	T	1.1	84.5	0.84	22.24	29.58	85.94	6.30	3.88	8.09	5.6
2022/04/19	ME	MW1	14:51	B	19.0	7.6	0.40	22.23	30.47	84.84	6.19	5.48	8.10	13.9
2022/04/19	ME	MW1	14:52	M	10.6	44.8	0.39	22.23	30.37	85.04	6.21	5.08	8.10	7.7
2022/04/19	ME	MW1	14:53	T	1.1	98.2	0.79	22.24	29.70	85.64	6.27	3.78	8.09	5.4

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2022/04/19	MF	MW1	06:46	B	19.0	106.0	0.19	22.32	29.84	84.99	6.21	5.48	8.13	9.9
2022/04/19	MF	MW1	06:47	M	10.6	107.4	0.40	22.32	29.78	84.79	6.20	5.98	8.13	11.2
2022/04/19	MF	MW1	06:48	T	1.1	143.3	0.48	22.30	29.21	85.49	6.27	4.28	8.13	8.3
2022/04/19	MF	MW1	06:49	B	19.0	19.9	0.44	22.32	29.94	83.99	6.14	10.18	8.12	9.3
2022/04/19	MF	MW1	06:50	M	10.6	169.4	0.08	22.32	29.73	84.28	6.16	6.98	8.12	11.3
2022/04/19	MF	MW1	06:51	T	0.9	41.0	0.49	22.30	29.26	85.18	6.25	4.08	8.12	7.9
2022/04/19	MF	DS1	07:59	B	12.3	107.4	0.87	22.42	29.28	83.66	6.12	27.08	8.13	34.4
2022/04/19	MF	DS1	08:00	M	7.3	320.9	0.51	22.39	28.40	84.35	6.21	24.88	8.13	28.7
2022/04/19	MF	DS1	08:01	T	1.0	351.0	0.40	22.37	27.72	85.35	6.31	23.48	8.13	25.7
2022/04/19	MF	DS1	08:02	B	12.3	281.2	0.76	22.42	29.19	83.65	6.13	30.28	8.13	35.1
2022/04/19	MF	DS1	08:02	M	7.2	316.3	0.56	22.37	28.17	84.75	6.25	25.88	8.13	28.5
2022/04/19	MF	DS1	08:04	T	1.2	333.8	0.71	22.32	27.76	85.75	6.34	20.58	8.13	26.5
2022/04/19	MF	DS2	08:15	B	9.0	284.4	0.48	22.42	29.16	83.65	6.13	35.88	8.13	45.7
2022/04/19	MF	DS2	08:15	M	5.7	302.4	0.68	22.34	27.83	85.15	6.29	25.58	8.13	25.9
2022/04/19	MF	DS2	08:16	T	1.1	335.9	1.54	22.30	27.75	86.05	6.37	19.18	8.13	29.2
2022/04/19	MF	DS2	08:17	B	8.9	348.3	0.38	22.41	28.98	83.75	6.14	32.28	8.13	47.6
2022/04/19	MF	DS2	08:17	M	5.6	305.3	1.22	22.34	27.84	85.05	6.29	24.68	8.13	24.8
2022/04/19	MF	DS2	08:18	T	1.0	321.1	0.91	22.30	27.76	85.95	6.36	19.68	8.13	27.7
2022/04/19	MF	DS3	08:25	B	9.1	292.1	0.73	22.39	28.89	84.04	6.17	40.58	8.13	45.3
2022/04/19	MF	DS3	08:26	M	5.7	305.9	0.87	22.31	27.82	85.74	6.34	25.18	8.13	27.4
2022/04/19	MF	DS3	08:27	T	0.9	330.8	0.97	22.31	27.66	86.14	6.38	18.38	8.11	24.3
2022/04/19	MF	DS3	08:28	B	8.9	300.8	0.64	22.39	28.88	83.84	6.16	40.78	8.11	43.8
2022/04/19	MF	DS3	08:28	M	5.7	326.4	0.71	22.33	27.98	85.24	6.30	25.78	8.11	25.8
2022/04/19	MF	DS3	08:29	T	1.2	312.4	0.74	22.32	27.69	85.74	6.35	21.48	8.10	25.6
2022/04/19	MF	DS4	08:37	B	9.1	287.1	0.73	22.39	28.75	84.04	6.17	57.58	8.11	51.3
2022/04/19	MF	DS4	08:38	M	5.6	295.2	0.85	22.37	28.46	84.44	6.22	35.88	8.11	42.8
2022/04/19	MF	DS4	08:39	T	1.0	310.5	0.86	22.29	27.81	85.84	6.35	17.58	8.11	22.9
2022/04/19	MF	DS4	08:40	B	8.9	303.3	0.59	22.39	28.78	83.54	6.14	55.98	8.11	48.6
2022/04/19	MF	DS4	08:41	M	5.6	294.1	1.24	22.35	28.19	84.64	6.24	30.58	8.11	45.6
2022/04/19	MF	DS4	08:41	T	0.9	291.6	0.85	22.31	27.89	85.64	6.33	20.18	8.11	22.4
2022/04/19	MF	DS5	08:49	B	7.9	266.7	0.43	22.38	28.51	84.33	6.21	64.18	8.12	69.0
2022/04/19	MF	DS5	08:50	M	5.1	347.2	0.97	22.33	27.94	85.23	6.30	31.78	8.12	33.1
2022/04/19	MF	DS5	08:51	T	0.9	310.5	0.91	22.31	27.85	85.63	6.33	22.28	8.10	29.5
2022/04/19	MF	DS5	08:52	B	8.1	278.5	0.35	22.38	28.59	83.63	6.15	60.18	8.10	72.0
2022/04/19	MF	DS5	08:52	M	4.7	340.9	1.17	22.33	28.08	84.63	6.25	31.48	8.10	33.3
2022/04/19	MF	DS5	08:53	T	1.1	298.8	0.51	22.29	27.91	85.53	6.33	20.48	8.10	29.3
2022/04/19	MF	US1	09:13	B	9.8	301.2	0.71	22.37	29.14	83.62	6.13	32.78	8.10	41.7
2022/04/19	MF	US1	09:14	M	6.0	353.3	0.42	22.37	28.45	83.82	6.17	32.88	8.09	43.6
2022/04/19	MF	US1	09:14	T	1.2	323.2	0.44	22.37	28.34	84.12	6.20	26.38	8.09	34.6
2022/04/19	MF	US1	09:15	B	10.4	321.6	0.82	22.37	29.33	83.52	6.12	33.38	8.10	38.8
2022/04/19	MF	US1	09:16	M	6.2	282.2	0.66	22.38	28.45	83.72	6.16	31.48	8.09	44.7
2022/04/19	MF	US1	09:17	T	0.9	295.0	0.91	22.37	28.34	84.02	6.19	25.98	8.09	34.2
2022/04/19	MF	US2	09:22	B	7.8	291.7	0.95	22.36	29.45	84.12	6.16	26.68	8.10	33.3
2022/04/19	MF	US2	09:22	M	5.2	241.7	0.34	22.37	28.76	84.22	6.19	19.88	8.09	41.9
2022/04/19	MF	US2	09:23	T	1.2	269.3	0.80	22.35	28.64	84.62	6.23	15.78	8.09	21.4
2022/04/19	MF	US2	09:24	B	7.7	286.9	1.02	22.36	29.45	83.72	6.13	26.68	8.09	32.0
2022/04/19	MF	US2	09:25	M	5.1	311.4	0.36	22.37	28.73	84.12	6.18	19.68	8.09	41.6
2022/04/19	MF	US2	09:25	T	1.1	303.7	0.76	22.35	28.64	84.42	6.21	15.08	8.09	21.6