

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)
2022/04/21	ME	US1	14:57	B	10.1	120.2	0.83	22.41	29.65	83.07	6.07	14.78	8.02	20.4
2022/04/21	ME	US1	14:57	M	6.2	100.2	0.54	22.55	29.17	85.68	6.26	9.18	8.04	11.0
2022/04/21	ME	US1	14:58	T	0.9	109.3	0.80	22.69	27.90	87.89	6.45	7.88	8.04	11.6
2022/04/21	ME	US1	14:59	B	10.1	87.0	0.40	22.40	29.64	82.18	6.01	16.28	8.03	21.7
2022/04/21	ME	US1	14:59	M	6.1	106.0	0.91	22.55	29.20	85.29	6.23	10.08	8.05	10.7
2022/04/21	ME	US1	15:00	T	0.8	133.8	1.16	22.79	27.67	88.10	6.47	7.68	8.05	11.8
2022/04/21	ME	US2	15:06	B	8.9	121.0	0.47	22.57	29.20	86.52	6.32	41.98	8.03	44.8
2022/04/21	ME	US2	15:07	M	5.7	113.8	0.24	22.64	28.99	88.43	6.46	33.58	8.04	40.0
2022/04/21	ME	US2	15:08	T	1.1	114.5	0.95	23.53	27.39	91.34	6.63	6.98	8.02	42.0
2022/04/21	ME	US2	15:09	B	9.0	120.7	0.68	22.64	29.06	87.84	6.41	49.48	8.04	44.8
2022/04/21	ME	US2	15:10	M	5.7	122.5	1.14	22.68	28.77	88.64	6.48	28.88	8.05	39.0
2022/04/21	ME	US2	15:10	T	0.8	107.4	1.15	23.41	27.30	91.05	6.62	6.58	8.03	44.0
2022/04/21	ME	DS1	15:20	B	9.9	68.5	0.61	22.48	29.36	84.08	6.15	14.08	8.03	17.9
2022/04/21	ME	DS1	15:21	M	6.3	141.5	0.19	22.52	29.20	84.38	6.17	13.08	8.03	19.4
2022/04/21	ME	DS1	15:22	T	0.9	160.9	0.72	23.52	27.05	91.11	6.63	6.58	8.03	9.0
2022/04/21	ME	DS1	15:22	B	9.9	128.8	0.92	22.48	29.35	83.79	6.12	13.58	8.01	18.2
2022/04/21	ME	DS1	15:23	M	6.0	110.6	1.22	22.55	29.09	84.79	6.20	13.18	8.02	19.9
2022/04/21	ME	DS1	15:24	T	0.9	118.5	1.40	23.51	27.11	90.52	6.58	6.98	8.02	8.5
2022/04/21	ME	DS2	15:29	B	10.2	109.2	0.46	22.51	29.26	84.72	6.19	16.38	8.02	31.6
2022/04/21	ME	DS2	15:30	M	6.3	61.2	0.47	22.59	28.96	85.63	6.26	11.78	8.03	18.6
2022/04/21	ME	DS2	15:31	T	1.1	112.3	0.59	23.48	27.24	90.75	6.60	6.68	8.02	30.0
2022/04/21	ME	DS2	15:32	B	10.0	75.1	0.72	22.52	29.24	84.13	6.15	19.98	8.02	31.9
2022/04/21	ME	DS2	15:32	M	6.2	106.8	0.83	22.69	28.79	85.94	6.28	12.78	8.03	19.1
2022/04/21	ME	DS2	15:33	T	1.2	99.3	0.81	23.45	27.01	91.16	6.64	4.98	8.00	29.8
2022/04/21	ME	DS3	15:39	B	13.2	87.5	0.33	22.52	29.25	84.66	6.19	18.98	8.00	32.1
2022/04/21	ME	DS3	15:39	M	7.8	72.6	0.81	22.61	28.97	85.57	6.25	12.78	8.01	20.6
2022/04/21	ME	DS3	15:40	T	1.2	121.0	0.80	23.06	27.53	89.19	6.52	6.98	8.01	14.5
2022/04/21	ME	DS3	15:41	B	13.1	103.6	0.24	22.54	29.19	84.37	6.17	20.78	8.01	31.2
2022/04/21	ME	DS3	15:42	M	7.6	104.9	0.83	22.64	28.93	85.28	6.23	13.78	8.01	21.3
2022/04/21	ME	DS3	15:42	T	1.1	92.7	0.67	23.63	26.72	91.41	6.65	5.18	8.01	14.7
2022/04/21	ME	DS4	15:48	B	9.2	84.6	0.65	22.59	29.04	85.91	6.28	16.58	8.00	12.2
2022/04/21	ME	DS4	15:49	M	5.4	98.5	0.90	22.68	28.78	85.91	6.28	13.18	8.01	25.2
2022/04/21	ME	DS4	15:49	T	1.0	116.8	0.70	23.22	27.31	90.64	6.62	5.38	8.00	17.9
2022/04/21	ME	DS4	15:50	B	9.2	85.6	0.66	22.61	28.99	85.42	6.24	15.38	8.00	11.6
2022/04/21	ME	DS4	15:51	M	5.5	110.1	0.75	22.71	28.79	86.02	6.28	12.28	8.01	26.2
2022/04/21	ME	DS4	15:51	T	1.1	87.1	0.66	23.58	26.86	91.65	6.66	4.58	8.00	18.7
2022/04/21	ME	DS5	15:57	B	8.2	53.5	0.97	22.67	28.87	86.65	6.33	14.98	8.00	25.7
2022/04/21	ME	DS5	15:57	M	4.7	71.4	1.11	22.79	28.64	86.86	6.34	11.58	8.00	31.8
2022/04/21	ME	DS5	15:58	T	1.2	134.7	0.92	23.51	27.09	91.08	6.62	4.48	7.99	47.7
2022/04/21	ME	DS5	15:59	B	8.0	68.8	0.76	22.69	28.85	86.16	6.29	17.78	8.00	27.8
2022/04/21	ME	DS5	15:59	M	5.3	144.6	0.45	22.81	28.62	86.87	6.34	11.98	8.00	32.6
2022/04/21	ME	DS5	16:00	T	1.0	134.7	0.92	23.55	26.96	90.79	6.60	4.48	7.99	49.7
2022/04/21	ME	MW1	16:37	B	19.2	318.5	0.19	22.64	29.76	84.72	6.16	4.98	7.99	12.0
2022/04/21	ME	MW1	16:38	M	10.3	42.9	0.49	22.69	29.48	84.93	6.18	3.98	7.98	7.0
2022/04/21	ME	MW1	16:38	T	1.2	110.0	0.61	23.05	28.97	87.15	6.32	3.68	7.98	11.6
2022/04/21	ME	MW1	16:39	B	19.2	298.0	0.31	22.62	29.80	84.03	6.11	4.38	7.97	12.4
2022/04/21	ME	MW1	16:40	M	10.5	46.2	1.14	22.64	29.61	84.33	6.14	4.38	7.97	7.3
2022/04/21	ME	MW1	16:41	T	0.8	55.9	0.77	23.11	28.92	87.36	6.33	3.68	7.97	11.5

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2022/04/21	MF	MW1	07:47	B	19.0	135.1	0.61	22.33	30.44	81.91	5.97	4.08	8.00	12.3
2022/04/21	MF	MW1	07:48	M	10.6	29.6	0.33	22.34	30.26	82.21	5.99	3.78	7.99	8.7
2022/04/21	MF	MW1	07:49	T	1.0	20.9	0.06	22.30	29.38	83.82	6.15	3.38	7.98	11.8
2022/04/21	MF	MW1	07:50	B	19.2	169.5	0.07	22.33	30.28	81.72	5.96	6.58	7.98	12.5
2022/04/21	MF	MW1	07:51	M	10.6	198.2	0.76	22.33	30.16	81.82	5.97	3.78	7.98	8.9
2022/04/21	MF	MW1	07:52	T	1.1	182.6	0.07	22.30	29.38	83.63	6.13	3.68	7.97	12.2
2022/04/21	MF	DS1	09:01	B	9.7	300.0	0.87	22.45	28.92	83.51	6.12	25.28	8.00	29.2
2022/04/21	MF	DS1	09:01	M	5.7	284.5	0.49	22.47	28.80	83.11	6.10	19.18	8.00	37.5
2022/04/21	MF	DS1	09:02	T	1.2	311.4	0.79	22.57	28.19	84.63	6.22	13.58	7.99	27.2
2022/04/21	MF	DS1	09:04	B	10.1	313.9	0.61	22.45	28.97	82.52	6.05	22.18	7.97	29.5
2022/04/21	MF	DS1	09:04	M	6.1	334.4	0.60	22.50	28.69	82.93	6.08	15.58	7.97	39.1
2022/04/21	MF	DS1	09:05	T	1.0	304.1	0.87	22.57	28.28	84.74	6.22	9.68	7.97	25.4
2022/04/21	MF	DS2	09:13	B	9.1	309.6	0.56	22.45	28.88	83.08	6.09	23.98	7.98	24.1
2022/04/21	MF	DS2	09:14	M	5.6	307.4	0.67	22.49	28.63	83.59	6.13	17.48	7.98	26.1
2022/04/21	MF	DS2	09:15	T	1.1	318.7	0.24	22.63	27.92	85.61	6.29	4.78	7.98	12.4
2022/04/21	MF	DS2	09:16	B	9.0	297.3	0.71	22.46	28.84	83.50	6.12	25.68	7.99	25.2
2022/04/21	MF	DS2	09:17	M	5.6	348.4	0.12	22.48	28.72	83.60	6.13	17.68	7.99	26.0
2022/04/21	MF	DS2	09:18	T	1.2	314.9	0.72	22.69	27.71	85.83	6.31	5.48	7.98	12.6
2022/04/21	MF	DS3	09:24	B	9.0	311.4	0.33	22.47	28.72	83.74	6.14	21.08	7.98	35.5
2022/04/21	MF	DS3	09:25	M	5.5	334.4	0.76	22.49	28.60	83.85	6.15	15.08	7.98	21.6
2022/04/21	MF	DS3	09:25	T	1.1	100.2	0.79	22.63	27.73	85.87	6.32	4.88	7.98	15.5
2022/04/21	MF	DS3	09:26	B	9.2	87.0	0.60	22.47	28.73	83.45	6.12	20.48	7.98	32.5
2022/04/21	MF	DS3	09:27	M	5.5	113.8	0.86	22.49	28.62	83.76	6.15	14.18	7.98	20.3
2022/04/21	MF	DS3	09:28	T	1.4	321.9	0.91	22.63	27.90	85.98	6.32	4.48	7.98	16.6
2022/04/21	MF	DS4	09:34	B	9.0	299.4	0.66	22.47	28.67	83.70	6.14	23.48	7.97	29.2
2022/04/21	MF	DS4	09:34	M	5.5	304.9	0.67	22.48	28.59	83.80	6.15	19.28	7.96	24.3
2022/04/21	MF	DS4	09:35	T	1.2	318.9	1.00	22.61	27.73	85.62	6.30	4.88	7.96	13.2
2022/04/21	MF	DS4	09:36	B	8.8	295.2	0.36	22.47	28.66	83.51	6.13	22.38	7.97	29.7
2022/04/21	MF	DS4	09:36	M	5.6	325.2	0.53	22.48	28.60	83.61	6.14	18.68	7.97	22.7
2022/04/21	MF	DS4	09:37	T	1.0	324.2	0.66	22.63	27.69	85.73	6.31	5.18	7.96	13.2
2022/04/21	MF	DS5	09:43	B	9.0	0.0	0.35	22.46	28.64	83.75	6.15	25.88	7.97	29.1
2022/04/21	MF	DS5	09:44	M	5.7	299.5	0.19	22.47	28.62	83.65	6.14	22.48	7.97	28.5
2022/04/21	MF	DS5	09:44	T	1.4	335.7	0.49	22.59	27.88	85.47	6.29	6.48	7.96	7.0
2022/04/21	MF	DS5	09:45	B	8.9	324.3	0.28	22.46	28.65	83.36	6.12	25.98	7.97	30.2
2022/04/21	MF	DS5	09:46	M	5.6	26.5	0.56	22.47	28.63	83.46	6.13	20.98	7.97	27.0
2022/04/21	MF	DS5	09:47	T	1.0	316.5	0.51	22.66	27.55	85.89	6.32	5.98	7.96	6.8
2022/04/21	MF	US1	10:04	B	10.7	292.4	0.58	22.41	29.40	83.16	6.08	28.68	7.94	43.1
2022/04/21	MF	US1	10:05	M	6.7	278.7	0.62	22.42	29.35	83.26	6.09	24.78	7.95	31.8
2022/04/21	MF	US1	10:06	T	1.3	313.6	1.04	22.54	28.79	84.99	6.23	7.58	7.95	14.4
2022/04/21	MF	US1	10:07	B	10.7	300.0	0.86	22.42	29.39	82.97	6.07	29.08	7.95	43.4
2022/04/21	MF	US1	10:07	M	6.7	296.0	1.16	22.42	29.37	83.08	6.08	26.38	7.95	33.2
2022/04/21	MF	US1	10:08	T	1.1	291.9	0.85	22.61	28.74	85.61	6.27	6.88	7.95	13.7
2022/04/21	MF	US2	10:18	B	9.9	229.0	0.41	22.44	29.25	83.14	6.08	34.98	7.95	46.2
2022/04/21	MF	US2	10:19	M	5.9	288.0	0.62	22.51	29.05	84.05	6.15	19.78	7.96	30.4
2022/04/21	MF	US2	10:20	T	1.0	288.3	1.19	22.59	28.82	85.37	6.25	7.88	7.96	13.0
2022/04/21	MF	US2	10:21	B	10.2	314.5	0.79	22.44	29.27	83.15	6.08	33.68	7.96	48.4
2022/04/21	MF	US2	10:21	M	6.1	249.7	0.65	22.54	29.02	84.16	6.16	17.88	7.96	30.5
2022/04/21	MF	US2	10:22	T	1.0	286.4	0.76	22.63	28.86	85.28	6.23	8.88	7.96	12.7