

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)
2022/03/23	ME	US1	15:10	B	10.2	42.0	0.47	20.75	28.73	96.73	7.32	5.91	8.00	10.7
2022/03/23	ME	US1	15:11	M	6.1	158.7	0.28	20.89	28.36	95.83	7.25	4.42	7.99	8.5
2022/03/23	ME	US1	15:12	T	1.0	116.3	0.59	21.59	25.97	98.02	7.43	4.52	7.98	10.8
2022/03/23	ME	US1	15:12	B	10.4	97.3	0.35	20.76	28.72	95.42	7.22	5.51	7.97	10.7
2022/03/23	ME	US1	15:13	M	6.0	354.5	0.59	20.95	28.19	95.32	7.21	4.12	7.97	8.4
2022/03/23	ME	US1	15:14	T	1.0	143.3	1.00	21.60	25.54	97.91	7.43	3.72	7.98	10.5
2022/03/23	ME	US2	15:22	B	9.1	210.1	0.50	20.71	28.86	96.97	7.34	7.11	7.98	12.0
2022/03/23	ME	US2	15:22	M	5.7	68.3	0.15	21.22	27.40	96.27	7.28	4.82	7.99	9.1
2022/03/23	ME	US2	15:23	T	1.1	116.2	0.93	21.63	25.55	99.05	7.52	3.32	7.99	5.7
2022/03/23	ME	US2	15:24	B	9.0	254.2	0.05	20.72	28.86	94.87	7.18	7.31	7.97	11.6
2022/03/23	ME	US2	15:24	M	5.4	91.2	0.60	20.88	28.30	94.86	7.18	5.71	7.98	9.4
2022/03/23	ME	US2	15:25	T	1.0	111.7	0.46	21.62	25.44	98.25	7.46	2.92	7.99	6.0
2022/03/23	ME	DS1	15:32	B	10.2	112.1	0.16	20.62	29.05	99.00	7.50	4.12	7.99	9.7
2022/03/23	ME	DS1	15:33	M	6.2	138.4	0.24	20.87	28.37	96.11	7.27	3.82	8.00	6.4
2022/03/23	ME	DS1	15:33	T	1.1	93.4	0.49	21.59	25.56	98.50	7.48	3.22	8.00	5.2
2022/03/23	ME	DS1	15:34	B	10.3	52.0	0.29	20.66	28.99	95.51	7.23	4.12	7.99	9.5
2022/03/23	ME	DS1	15:35	M	6.0	103.3	0.58	20.81	28.54	95.31	7.21	4.62	7.99	6.0
2022/03/23	ME	DS1	15:35	T	1.0	128.2	0.51	21.57	25.85	98.19	7.45	3.62	8.00	5.1
2022/03/23	ME	DS2	15:41	B	8.0	180.8	0.36	20.74	28.73	95.67	7.24	4.02	8.00	5.6
2022/03/23	ME	DS2	15:41	M	5.2	101.5	0.79	21.16	27.51	96.56	7.31	3.42	8.01	7.3
2022/03/23	ME	DS2	15:42	T	0.9	109.1	0.69	21.56	25.58	98.55	7.49	3.22	8.00	8.2
2022/03/23	ME	DS2	15:43	B	8.0	95.9	0.32	20.60	29.12	94.66	7.17	4.12	7.99	5.5
2022/03/23	ME	DS2	15:43	M	5.0	94.3	0.59	21.23	27.25	96.25	7.29	3.72	8.00	7.3
2022/03/23	ME	DS2	15:44	T	1.0	119.2	0.65	21.57	25.52	97.94	7.44	2.92	8.00	8.1
2022/03/23	ME	DS3	15:50	B	12.0	56.8	0.42	20.40	29.70	95.62	7.24	4.92	8.01	9.8
2022/03/23	ME	DS3	15:51	M	7.1	111.5	0.60	20.90	27.99	96.71	7.33	2.82	8.02	5.6
2022/03/23	ME	DS3	15:51	T	1.2	105.9	0.55	21.53	26.00	98.90	7.50	3.52	8.02	5.6
2022/03/23	ME	DS3	15:52	B	12.2	67.4	0.44	20.42	29.67	95.11	7.20	4.72	7.99	10.5
2022/03/23	ME	DS3	15:53	M	7.0	240.1	0.50	20.88	28.05	96.01	7.28	2.62	8.00	5.2
2022/03/23	ME	DS3	15:53	T	1.1	107.6	0.70	21.56	25.77	98.49	7.47	3.42	8.01	5.7
2022/03/23	ME	DS4	15:58	B	7.1	75.2	0.62	20.90	28.25	98.76	7.48	2.82	8.01	10.8
2022/03/23	ME	DS4	15:59	M	4.3	128.3	0.41	21.17	27.37	97.56	7.39	3.02	8.01	7.5
2022/03/23	ME	DS4	16:00	T	1.1	98.6	1.33	21.53	26.39	97.56	7.38	3.62	8.00	7.8
2022/03/23	ME	DS4	16:00	B	7.0	88.9	0.62	20.88	28.31	96.06	7.27	2.82	8.00	10.6
2022/03/23	ME	DS4	16:01	M	4.5	90.5	0.72	21.22	27.28	96.66	7.32	3.02	8.00	7.7
2022/03/23	ME	DS4	16:01	T	1.1	96.8	0.93	21.47	26.33	97.55	7.39	3.32	8.00	7.8
2022/03/23	ME	DS5	16:07	B	6.0	63.4	0.48	21.09	27.70	98.42	7.45	3.12	8.01	6.8
2022/03/23	ME	DS5	16:07	M	4.2	79.1	0.77	21.25	27.27	97.82	7.40	3.02	8.01	6.4
2022/03/23	ME	DS5	16:08	T	1.0	90.0	0.84	21.51	25.70	98.71	7.50	3.22	8.01	8.3
2022/03/23	ME	DS5	16:08	B	6.0	107.0	0.57	21.16	27.58	96.62	7.31	3.02	8.01	7.0
2022/03/23	ME	DS5	16:09	M	4.0	70.7	0.52	21.33	26.93	97.51	7.38	3.02	8.01	6.2
2022/03/23	ME	DS5	16:10	T	1.0	97.9	0.86	21.55	26.30	97.80	7.40	3.42	8.00	7.6
2022/03/23	ME	MW1	16:49	B	20.1	65.1	0.29	20.31	29.82	96.00	7.28	2.82	8.01	7.0
2022/03/23	ME	MW1	16:50	M	11.2	100.7	0.27	20.33	29.73	95.30	7.23	2.32	8.01	6.1
2022/03/23	ME	MW1	16:51	T	1.3	69.2	0.63	20.78	28.03	96.69	7.35	2.02	8.01	6.4
2022/03/23	ME	MW1	16:52	B	20.3	254.6	0.17	20.33	29.74	94.90	7.20	2.52	7.99	7.1
2022/03/23	ME	MW1	16:53	M	11.1	27.4	0.39	20.36	29.63	94.99	7.20	2.12	7.99	5.8
2022/03/23	ME	MW1	16:53	T	1.0	88.4	1.07	20.68	28.33	96.38	7.32	1.92	8.00	6.6

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2022/03/23	MF	MW1	08:17	B	19.2	90.4	0.32	20.58	29.23	96.80	7.33	3.52	8.10	6.4
2022/03/23	MF	MW1	08:18	M	10.5	127.1	0.44	20.61	29.12	96.20	7.28	3.32	8.06	5.0
2022/03/23	MF	MW1	08:19	T	1.0	191.4	0.56	20.92	28.06	97.79	7.41	2.32	8.05	5.4
2022/03/23	MF	MW1	08:20	B	18.9	345.7	0.47	20.56	29.29	95.39	7.22	3.12	8.03	6.4
2022/03/23	MF	MW1	08:21	M	10.2	254.9	0.10	20.61	29.12	95.69	7.25	3.52	8.02	4.9
2022/03/23	MF	MW1	08:22	T	1.1	67.5	0.56	20.81	28.39	96.69	7.33	2.52	8.03	5.1
2022/03/23	MF	DS1	09:19	B	8.9	266.8	1.20	20.84	28.46	97.83	7.41	12.71	8.03	34.0
2022/03/23	MF	DS1	09:20	M	5.4	308.5	0.47	21.38	26.86	97.83	7.40	12.81	8.03	31.9
2022/03/23	MF	DS1	09:21	T	1.0	307.6	0.76	21.53	26.32	99.22	7.51	7.81	8.03	8.6
2022/03/23	MF	DS1	09:22	B	9.1	251.6	0.85	20.93	28.19	97.22	7.36	10.61	8.02	33.2
2022/03/23	MF	DS1	09:23	M	5.4	280.0	0.64	21.51	26.55	98.82	7.47	10.21	8.02	32.1
2022/03/23	MF	DS1	09:23	T	1.1	309.9	0.83	21.51	26.29	99.51	7.54	6.31	8.02	8.6
2022/03/23	MF	DS2	09:28	B	7.9	300.7	0.58	20.91	28.27	99.00	7.49	15.90	8.04	20.5
2022/03/23	MF	DS2	09:29	M	5.2	283.5	0.69	21.54	26.43	99.10	7.49	9.71	8.04	15.7
2022/03/23	MF	DS2	09:30	T	1.0	349.2	0.63	21.59	26.30	99.89	7.55	8.41	8.04	13.2
2022/03/23	MF	DS2	09:31	B	8.3	320.8	0.95	20.96	28.13	97.20	7.36	14.41	8.03	20.6
2022/03/23	MF	DS2	09:32	M	5.1	324.9	0.98	21.53	26.39	99.29	7.51	8.21	8.03	15.2
2022/03/23	MF	DS2	09:32	T	0.9	315.4	0.64	21.53	26.36	99.39	7.52	7.11	8.02	12.8
2022/03/23	MF	DS3	09:41	B	8.0	345.2	0.62	20.98	28.07	97.07	7.35	18.80	8.01	20.5
2022/03/23	MF	DS3	09:41	M	5.2	308.4	0.69	21.53	26.49	98.66	7.46	11.51	8.02	14.8
2022/03/23	MF	DS3	09:42	T	1.0	310.4	1.01	21.60	26.29	99.96	7.56	10.31	8.02	12.3
2022/03/23	MF	DS3	09:43	B	8.3	284.9	0.62	20.98	28.06	96.87	7.33	19.20	8.01	20.8
2022/03/23	MF	DS3	09:44	M	5.1	315.7	0.79	21.55	26.49	98.36	7.43	11.61	8.02	15.6
2022/03/23	MF	DS3	09:45	T	1.1	321.5	1.16	21.58	26.32	99.55	7.53	8.81	8.02	12.0
2022/03/23	MF	DS4	09:54	B	8.1	343.4	0.28	21.08	27.79	97.04	7.34	25.19	8.02	22.6
2022/03/23	MF	DS4	09:54	M	5.1	309.7	0.95	21.21	27.41	97.33	7.36	13.61	8.02	15.0
2022/03/23	MF	DS4	09:55	T	1.2	309.5	0.80	21.57	26.24	99.42	7.52	7.51	8.03	15.9
2022/03/23	MF	DS4	09:56	B	8.1	349.3	0.49	21.11	27.71	97.23	7.36	23.60	8.02	22.6
2022/03/23	MF	DS4	09:57	M	5.0	311.4	1.01	21.26	27.24	97.73	7.39	14.71	8.02	14.7
2022/03/23	MF	DS4	09:57	T	1.1	352.0	0.74	21.51	26.34	99.12	7.50	6.61	8.03	16.2
2022/03/23	MF	DS5	10:03	B	8.0	262.8	0.43	21.29	27.21	98.70	7.46	25.39	8.03	24.1
2022/03/23	MF	DS5	10:04	M	4.9	1.0	0.72	21.50	26.60	98.60	7.45	13.51	8.03	13.6
2022/03/23	MF	DS5	10:04	T	1.0	304.2	0.55	21.61	26.17	100.00	7.56	8.41	8.03	9.0
2022/03/23	MF	DS5	10:07	B	8.2	299.3	0.64	21.32	27.13	98.19	7.43	24.60	8.02	24.2
2022/03/23	MF	DS5	10:08	M	5.1	292.5	0.73	21.45	26.71	98.49	7.45	14.11	8.02	12.8
2022/03/23	MF	DS5	10:09	T	1.1	301.2	0.45	21.59	26.19	99.39	7.52	8.51	8.03	8.8
2022/03/23	MF	US1	10:23	B	10.2	309.6	0.83	20.99	28.11	98.15	7.42	11.41	8.04	17.0
2022/03/23	MF	US1	10:24	M	6.1	278.7	0.60	21.26	27.34	98.35	7.44	7.51	8.04	14.5
2022/03/23	MF	US1	10:24	T	1.1	316.0	0.82	21.35	26.89	98.65	7.47	5.01	8.04	9.5
2022/03/23	MF	US1	10:25	B	10.2	300.6	0.58	21.14	27.73	97.75	7.39	9.11	8.03	16.3
2022/03/23	MF	US1	10:26	M	6.2	288.8	0.52	21.31	27.24	97.65	7.38	7.21	8.03	14.1
2022/03/23	MF	US1	10:26	T	1.0	339.4	0.61	21.37	26.89	98.24	7.43	4.82	8.03	9.4
2022/03/23	MF	US2	10:31	B	8.1	315.5	0.37	21.10	27.87	98.73	7.46	10.61	8.04	48.3
2022/03/23	MF	US2	10:32	M	5.1	297.0	0.44	21.40	27.06	98.23	7.42	7.61	8.03	10.3
2022/03/23	MF	US2	10:32	T	1.1	300.7	0.44	21.37	26.90	98.23	7.43	5.11	8.03	9.3
2022/03/23	MF	US2	10:33	B	8.1	294.1	0.61	21.28	27.35	97.03	7.33	8.91	8.01	48.0
2022/03/23	MF	US2	10:34	M	5.1	317.0	0.77	21.40	27.05	97.82	7.39	6.91	8.01	10.7
2022/03/23	MF	US2	10:34	T	1.1	269.8	0.71	21.38	26.93	98.02	7.41	5.11	8.01	9.4