

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)
2022/03/14	ME	US1	11:16	B	10.0	351.4	0.22	19.08	28.72	114.69	8.96	0.62	8.19	3.5
2022/03/14	ME	US1	11:16	M	5.5	76.3	0.66	20.04	26.03	123.34	9.61	0.32	8.33	5.2
2022/03/14	ME	US1	11:17	T	1.2	160.2	0.73	22.04	19.00	153.50	12.01	0.92	8.61	5.2
2022/03/14	ME	US1	11:18	B	10.0	131.7	0.22	19.19	28.49	123.04	9.60	0.42	8.21	3.4
2022/03/14	ME	US1	11:19	M	5.5	172.2	0.52	20.03	26.08	128.41	10.01	0.42	8.33	5.1
2022/03/14	ME	US1	11:20	T	1.0	157.5	0.45	21.98	19.31	155.68	12.17	0.82	8.61	5.2
2022/03/14	ME	US2	11:25	B	8.9	129.1	0.56	19.10	28.67	114.75	8.96	0.22	8.21	4.0
2022/03/14	ME	US2	11:25	M	5.0	130.4	0.13	19.80	26.72	119.92	9.35	0.92	8.24	4.5
2022/03/14	ME	US2	11:26	T	1.1	155.8	0.60	21.75	19.41	162.31	12.74	1.12	8.65	3.7
2022/03/14	ME	US2	11:28	B	9.1	20.4	0.64	18.95	29.00	120.01	9.38	1.02	8.18	4.2
2022/03/14	ME	US2	11:28	M	5.1	99.1	0.40	19.78	26.79	121.50	9.47	0.72	8.24	4.7
2022/03/14	ME	US2	11:29	T	1.0	88.0	0.38	21.86	18.86	166.27	13.06	1.12	8.68	3.6
2022/03/14	ME	DS1	11:37	B	9.9	71.3	0.24	18.92	29.06	108.33	8.47	1.42	8.16	3.6
2022/03/14	ME	DS1	11:38	M	5.4	295.6	0.24	19.47	27.73	114.50	8.93	0.62	8.22	16.8
2022/03/14	ME	DS1	11:39	T	1.1	242.2	0.32	21.65	20.70	151.50	11.82	0.82	8.54	13.7
2022/03/14	ME	DS1	11:40	B	9.9	347.2	0.51	18.90	29.07	119.26	9.33	1.12	8.15	3.6
2022/03/14	ME	DS1	11:41	M	5.6	81.0	0.46	19.71	27.08	123.34	9.61	0.32	8.27	16.9
2022/03/14	ME	DS1	11:42	T	1.0	90.4	1.15	21.89	19.93	150.69	11.76	0.82	8.56	13.8
2022/03/14	ME	DS2	11:46	B	8.9	207.6	1.04	19.11	28.72	110.19	8.60	1.62	8.17	4.9
2022/03/14	ME	DS2	11:47	M	5.1	206.1	0.37	19.58	27.51	119.23	9.29	0.42	8.25	6.1
2022/03/14	ME	DS2	11:48	T	1.0	91.3	1.14	20.78	24.25	139.91	10.87	0.32	8.43	7.7
2022/03/14	ME	DS2	11:49	B	8.9	166.4	0.70	19.10	28.71	118.73	9.27	1.82	8.16	5.0
2022/03/14	ME	DS2	11:50	M	5.1	127.8	0.47	19.58	27.52	121.61	9.48	0.42	8.24	6.2
2022/03/14	ME	DS2	11:51	T	1.0	144.8	0.29	21.35	22.35	146.86	11.41	0.52	8.48	7.7
2022/03/14	ME	DS3	11:56	B	11.1	81.0	0.45	18.84	29.39	108.06	8.44	2.02	8.14	9.3
2022/03/14	ME	DS3	11:57	M	6.0	106.0	0.25	19.23	28.39	113.33	8.84	0.72	8.19	4.2
2022/03/14	ME	DS3	11:58	T	1.2	98.7	0.81	21.24	22.71	142.85	11.10	0.52	8.48	4.4
2022/03/14	ME	DS3	11:59	B	11.0	151.8	0.32	18.92	29.14	115.90	9.06	3.92	8.15	9.2
2022/03/14	ME	DS3	12:00	M	6.0	70.1	0.58	19.26	28.31	116.70	9.10	0.92	8.19	4.1
2022/03/14	ME	DS3	12:01	T	1.0	117.1	0.57	21.24	22.72	146.21	11.36	0.42	8.47	4.4
2022/03/14	ME	DS4	12:08	B	7.0	127.3	0.37	19.03	28.95	119.75	9.35	0.92	8.18	5.2
2022/03/14	ME	DS4	12:08	M	4.0	115.9	0.37	20.03	26.41	129.98	10.11	0.52	8.32	4.6
2022/03/14	ME	DS4	12:09	T	0.9	53.7	0.62	21.30	22.66	147.26	11.43	0.42	8.47	5.2
2022/03/14	ME	DS4	12:10	B	7.0	212.1	0.30	19.05	28.83	122.12	9.54	0.82	8.16	5.3
2022/03/14	ME	DS4	12:11	M	4.0	28.8	0.32	19.82	26.99	129.27	10.06	0.22	8.28	4.6
2022/03/14	ME	DS4	12:12	T	1.0	276.9	0.32	21.21	22.96	148.34	11.52	0.32	8.47	5.1
2022/03/14	ME	DS5	12:16	B	5.9	75.7	0.95	19.21	28.56	114.24	8.91	0.62	8.19	2.3
2022/03/14	ME	DS5	12:17	M	3.6	268.4	0.18	20.19	26.06	133.51	10.37	0.32	8.35	6.6
2022/03/14	ME	DS5	12:18	T	1.1	221.6	0.57	21.47	22.55	148.11	11.47	0.42	8.47	14.9
2022/03/14	ME	DS5	12:19	B	6.1	218.8	0.42	19.06	28.88	122.08	9.53	0.62	8.17	2.3
2022/03/14	ME	DS5	12:20	M	3.5	94.0	0.68	20.24	25.99	135.69	10.54	0.32	8.34	6.7
2022/03/14	ME	DS5	12:21	T	1.0	113.0	0.81	21.50	22.29	148.40	11.50	0.52	8.48	14.9
2022/03/14	ME	MW1	10:01	B	19.9	26.4	0.68	18.35	30.87	107.30	8.39	1.02	8.21	3.6
2022/03/14	ME	MW1	10:02	M	10.4	241.0	0.43	18.66	30.10	109.59	8.56	0.22	8.21	2.3
2022/03/14	ME	MW1	10:03	T	0.9	242.3	0.95	19.65	28.00	108.99	8.46	0.02	8.29	3.3
2022/03/14	ME	MW1	10:04	B	20.0	37.6	0.67	18.34	30.90	112.58	8.80	1.72	8.20	3.6
2022/03/14	ME	MW1	10:05	M	10.6	44.1	0.10	18.48	30.56	111.37	8.70	0.42	8.20	2.3
2022/03/14	ME	MW1	10:06	T	1.0	177.7	0.35	19.27	29.00	115.46	8.97	0.02	8.25	3.4

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2022/03/14	MF	MW1	16:35	B	20.0	29.3	0.10	18.38	30.88	108.00	8.44	0.42	8.04	3.5
2022/03/14	MF	MW1	16:36	M	10.4	145.2	0.17	18.83	30.05	112.69	8.77	0.02	8.07	4.8
2022/03/14	MF	MW1	16:37	T	0.9	213.1	0.54	21.39	25.63	133.73	10.19	0.12	8.27	3.0
2022/03/14	MF	MW1	16:39	B	20.1	161.9	0.25	18.37	30.91	114.48	8.94	0.62	8.04	3.6
2022/03/14	MF	MW1	16:40	M	10.5	267.8	0.21	18.81	30.08	114.28	8.90	0.02	8.08	4.7
2022/03/14	MF	MW1	16:41	T	1.0	177.1	0.36	21.46	25.52	135.51	10.32	0.00	8.27	3.0
2022/03/14	MF	DS1	14:32	B	10.1	262.1	1.27	18.76	29.46	107.53	8.41	0.92	8.12	3.5
2022/03/14	MF	DS1	14:33	M	5.5	128.8	0.24	19.12	28.50	109.93	8.59	1.22	8.14	3.3
2022/03/14	MF	DS1	14:34	T	1.0	187.2	0.38	21.09	23.82	145.30	11.25	0.42	8.45	3.8
2022/03/14	MF	DS1	14:35	B	10.0	68.0	0.05	18.73	29.56	117.52	9.19	1.02	8.11	3.6
2022/03/14	MF	DS1	14:35	M	5.5	184.2	0.27	19.12	28.48	114.02	8.91	1.12	8.13	3.3
2022/03/14	MF	DS1	14:36	T	1.0	343.5	0.18	20.61	24.43	146.19	11.38	0.32	8.43	3.7
2022/03/14	MF	DS2	14:42	B	8.9	297.0	0.24	18.76	29.61	111.91	8.75	0.12	8.13	2.4
2022/03/14	MF	DS2	14:43	M	5.0	108.8	0.28	19.18	28.36	111.91	8.74	1.52	8.15	6.1
2022/03/14	MF	DS2	14:44	T	1.0	154.7	0.06	21.10	23.76	158.16	12.25	0.52	8.49	2.6
2022/03/14	MF	DS2	14:45	B	8.9	208.2	0.28	18.81	29.47	118.80	9.28	0.22	8.14	2.4
2022/03/14	MF	DS2	14:46	M	5.0	161.5	0.33	19.00	28.80	112.20	8.77	1.62	8.12	6.2
2022/03/14	MF	DS2	14:47	T	1.0	158.1	0.27	21.13	23.74	156.86	12.14	0.42	8.47	2.6
2022/03/14	MF	DS3	14:53	B	9.0	344.8	0.28	18.73	29.58	107.19	8.38	1.72	8.11	3.6
2022/03/14	MF	DS3	14:53	M	4.9	255.0	0.65	19.22	28.20	111.59	8.72	0.82	8.17	3.9
2022/03/14	MF	DS3	14:55	T	1.0	220.0	0.12	23.29	20.58	166.03	12.58	0.32	8.58	5.7
2022/03/14	MF	DS3	14:56	B	9.0	158.2	0.20	18.72	29.60	113.98	8.91	1.72	8.11	3.8
2022/03/14	MF	DS3	14:57	M	4.9	246.7	0.16	19.10	28.50	114.08	8.92	0.92	8.15	4.0
2022/03/14	MF	DS3	14:58	T	0.9	300.9	0.12	21.11	23.57	162.52	12.60	0.32	8.49	5.5
2022/03/14	MF	DS4	15:04	B	8.0	275.3	0.46	18.76	29.48	116.96	9.15	2.22	8.11	3.9
2022/03/14	MF	DS4	15:05	M	4.5	133.5	0.27	19.66	27.23	123.45	9.62	0.52	8.23	5.7
2022/03/14	MF	DS4	15:06	T	0.9	75.3	0.61	22.11	21.97	166.69	12.80	0.52	8.56	5.5
2022/03/14	MF	DS4	15:07	B	8.1	314.0	0.20	18.73	29.55	115.55	9.04	2.32	8.11	3.9
2022/03/14	MF	DS4	15:08	M	4.5	197.0	0.48	19.01	28.76	112.66	8.81	1.22	8.14	5.8
2022/03/14	MF	DS4	15:09	T	1.0	314.2	0.21	22.08	21.77	165.79	12.76	0.52	8.55	5.3
2022/03/14	MF	DS5	15:14	B	8.0	341.9	0.37	18.94	28.98	111.55	8.72	1.02	8.12	2.4
2022/03/14	MF	DS5	15:15	M	4.5	26.0	0.09	19.59	26.99	121.13	9.47	1.12	8.23	3.3
2022/03/14	MF	DS5	15:16	T	1.0	17.5	0.35	22.66	20.68	168.76	12.93	0.62	8.58	4.3
2022/03/14	MF	DS5	15:17	B	8.0	170.9	0.51	18.91	29.04	120.53	9.42	0.82	8.13	2.3
2022/03/14	MF	DS5	15:18	M	4.5	188.8	0.18	19.66	26.73	124.82	9.76	1.62	8.24	3.4
2022/03/14	MF	DS5	15:19	T	1.0	294.9	0.21	22.55	20.90	170.65	13.08	0.42	8.59	4.4
2022/03/14	MF	US1	15:32	B	10.0	235.4	0.66	19.01	28.96	109.12	8.52	1.52	8.09	4.9
2022/03/14	MF	US1	15:33	M	5.5	267.2	0.15	19.43	28.01	117.90	9.19	0.32	8.17	4.5
2022/03/14	MF	US1	15:34	T	1.0	331.8	0.43	21.32	23.55	126.28	9.75	0.32	8.47	4.9
2022/03/14	MF	US1	15:35	B	10.1	36.4	0.21	18.69	29.82	111.91	8.75	1.82	8.07	4.8
2022/03/14	MF	US1	15:36	M	5.5	62.5	0.12	19.50	27.77	119.59	9.32	0.82	8.16	4.5
2022/03/14	MF	US1	15:37	T	1.0	146.3	0.30	21.40	23.50	152.33	11.75	0.22	8.43	4.7
2022/03/14	MF	US2	15:42	B	8.0	208.4	0.14	18.71	29.72	108.30	8.47	3.32	8.09	7.5
2022/03/14	MF	US2	15:43	M	4.6	111.2	0.28	19.39	27.99	116.38	9.07	0.92	8.15	4.1
2022/03/14	MF	US2	15:44	T	1.0	311.4	0.35	21.80	23.23	147.82	11.34	0.22	8.43	2.2
2022/03/14	MF	US2	15:45	B	8.0	337.9	0.40	18.67	29.82	113.48	8.87	1.32	8.08	7.6
2022/03/14	MF	US2	15:46	M	4.4	254.2	0.59	19.70	27.28	121.07	9.43	0.52	8.19	4.2
2022/03/14	MF	US2	15:47	T	1.0	124.0	0.29	21.29	23.73	157.99	12.19	0.22	8.44	2.1