

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)
2022/05/04	ME	US1	13:38	B	11.1	133.5	0.63	24.14	29.54	84.92	6.02	3.18	7.99	10.5
2022/05/04	ME	US1	13:38	M	6.7	92.2	0.34	24.27	28.14	87.02	6.21	2.68	7.99	7.7
2022/05/04	ME	US1	13:39	T	1.3	155.4	0.56	24.89	25.91	97.95	7.00	1.48	8.02	7.1
2022/05/04	ME	US1	13:40	B	11.2	106.9	0.73	24.14	29.52	85.23	6.04	3.38	7.99	10.4
2022/05/04	ME	US1	13:40	M	6.7	133.9	0.93	24.25	28.27	87.03	6.20	2.58	8.00	7.6
2022/05/04	ME	US1	13:41	T	0.9	154.0	1.30	24.79	26.11	96.36	6.89	2.08	8.02	6.8
2022/05/04	ME	US2	13:46	B	9.0	69.2	0.16	24.19	28.86	87.86	6.25	6.68	8.01	9.8
2022/05/04	ME	US2	13:47	M	5.9	128.8	0.86	24.31	27.65	97.80	6.99	2.78	8.06	7.8
2022/05/04	ME	US2	13:47	T	1.0	142.0	0.79	25.04	25.15	102.71	7.35	1.38	8.03	5.0
2022/05/04	ME	US2	13:48	B	9.1	57.7	0.51	24.18	28.91	87.27	6.21	6.88	8.00	10.1
2022/05/04	ME	US2	13:49	M	5.5	140.4	0.75	24.31	27.63	97.71	6.98	2.68	8.06	7.9
2022/05/04	ME	US2	13:50	T	1.2	167.0	0.35	24.82	25.47	101.72	7.29	1.38	8.04	5.0
2022/05/04	ME	DS1	13:57	B	9.9	79.3	0.67	24.14	29.52	85.71	6.08	4.28	7.99	9.2
2022/05/04	ME	DS1	13:58	M	6.0	103.0	0.46	24.24	28.29	87.52	6.24	2.98	8.00	3.7
2022/05/04	ME	DS1	13:58	T	1.3	152.7	0.65	24.65	26.43	95.75	6.85	1.78	8.03	4.7
2022/05/04	ME	DS1	13:59	B	10.4	77.4	0.47	24.14	29.58	85.01	6.03	5.48	7.99	9.3
2022/05/04	ME	DS1	14:00	M	6.3	114.8	0.65	24.23	28.37	87.63	6.24	3.18	8.00	3.7
2022/05/04	ME	DS1	14:00	T	1.2	110.8	1.09	24.66	26.43	95.76	6.85	1.98	8.02	4.5
2022/05/04	ME	DS2	14:06	B	10.9	151.0	0.20	24.13	29.68	85.34	6.05	6.88	7.99	14.4
2022/05/04	ME	DS2	14:06	M	6.6	107.0	0.61	24.25	28.46	84.85	6.04	5.48	7.99	5.1
2022/05/04	ME	DS2	14:07	T	0.9	130.9	0.63	24.69	26.48	95.49	6.82	1.48	8.02	10.1
2022/05/04	ME	DS2	14:08	B	11.0	62.7	0.21	24.13	29.71	84.65	6.00	4.98	7.99	14.3
2022/05/04	ME	DS2	14:08	M	6.7	98.2	1.01	24.25	28.40	86.36	6.15	3.18	8.00	5.0
2022/05/04	ME	DS2	14:09	T	1.0	110.9	0.63	24.71	26.45	96.10	6.87	1.58	8.02	10.7
2022/05/04	ME	DS3	14:14	B	11.8	236.5	0.34	24.17	29.37	85.08	6.03	5.48	7.99	10.5
2022/05/04	ME	DS3	14:14	M	7.3	101.8	0.35	24.25	28.58	86.59	6.16	3.38	7.99	5.8
2022/05/04	ME	DS3	14:15	T	1.2	120.4	0.89	24.55	26.91	94.03	6.72	1.88	8.01	3.2
2022/05/04	ME	DS3	14:16	B	12.0	62.3	0.51	24.18	29.24	85.29	6.05	5.28	7.99	10.0
2022/05/04	ME	DS3	14:16	M	7.0	92.8	0.73	24.22	28.79	85.39	6.07	3.98	7.99	5.9
2022/05/04	ME	DS3	14:17	T	1.1	99.5	0.44	24.69	26.62	95.34	6.81	1.58	8.02	3.2
2022/05/04	ME	DS4	14:22	B	9.2	52.5	0.19	24.26	28.66	86.83	6.17	7.18	8.00	12.7
2022/05/04	ME	DS4	14:23	M	5.5	68.6	0.66	24.27	28.48	87.43	6.22	3.88	8.00	5.8
2022/05/04	ME	DS4	14:24	T	1.1	84.3	1.42	24.82	26.49	96.88	6.91	1.88	8.03	5.6
2022/05/04	ME	DS4	14:24	B	9.1	109.7	0.86	24.26	28.63	87.34	6.21	6.78	7.98	13.0
2022/05/04	ME	DS4	14:25	M	5.4	75.4	0.74	24.28	28.42	87.64	6.24	4.18	7.99	5.9
2022/05/04	ME	DS4	14:25	T	1.2	102.3	0.94	24.79	26.62	96.49	6.88	1.78	8.02	5.6
2022/05/04	ME	DS5	14:30	B	8.0	326.3	0.06	24.33	28.27	89.38	6.36	6.78	7.99	11.1
2022/05/04	ME	DS5	14:30	M	4.8	101.7	0.88	24.35	28.12	89.98	6.41	4.58	8.00	6.6
2022/05/04	ME	DS5	14:31	T	1.2	100.7	0.52	24.74	26.83	97.22	6.93	1.68	8.02	4.8
2022/05/04	ME	DS5	14:32	B	8.1	52.9	0.54	24.33	28.30	89.18	6.35	6.38	7.99	11.1
2022/05/04	ME	DS5	14:32	M	5.2	96.0	0.84	24.33	28.21	88.99	6.34	5.68	8.00	6.6
2022/05/04	ME	DS5	14:33	T	1.1	94.2	1.04	24.72	26.88	96.73	6.89	1.98	8.02	4.7
2022/05/04	ME	MW1	15:10	B	19.2	99.6	0.55	24.19	30.37	88.16	6.22	1.78	8.00	3.7
2022/05/04	ME	MW1	15:10	M	10.6	51.5	0.52	24.20	30.29	88.16	6.22	1.58	8.00	4.6
2022/05/04	ME	MW1	15:11	T	1.3	68.1	1.01	24.66	28.18	98.54	6.98	1.08	8.03	4.9
2022/05/04	ME	MW1	15:12	B	19.3	166.3	0.11	24.19	30.34	88.17	6.22	1.78	7.99	3.9
2022/05/04	ME	MW1	15:13	M	10.7	66.7	0.32	24.20	30.22	87.87	6.20	1.18	7.99	4.6
2022/05/04	ME	MW1	15:14	T	1.3	95.5	0.91	24.58	28.56	98.36	6.96	1.08	8.02	4.9

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2022/05/04	MF	MW1	06:41	B	19.1	159.3	0.18	24.07	30.69	84.62	5.97	2.78	7.98	9.6
2022/05/04	MF	MW1	06:42	M	10.5	22.1	0.21	24.05	30.10	84.83	6.00	1.68	7.97	22.1
2022/05/04	MF	MW1	06:43	T	0.9	280.2	0.24	23.94	29.19	86.34	6.15	1.28	7.96	4.4
2022/05/04	MF	MW1	06:44	B	19.1	302.7	0.24	24.07	30.75	83.64	5.90	4.28	7.96	9.9
2022/05/04	MF	MW1	06:45	M	10.5	176.9	0.62	24.06	30.23	84.14	5.95	2.18	7.95	23.0
2022/05/04	MF	MW1	06:46	T	0.9	267.8	0.10	23.92	29.08	86.15	6.15	1.38	7.95	4.5
2022/05/04	MF	DS1	07:50	B	11.1	288.5	0.57	24.13	29.40	85.31	6.05	11.68	7.98	9.1
2022/05/04	MF	DS1	07:50	M	6.4	326.7	0.40	24.18	28.58	86.02	6.13	5.98	7.98	8.3
2022/05/04	MF	DS1	07:51	T	1.1	291.7	0.51	24.25	26.33	89.66	6.46	3.08	7.98	14.9
2022/05/04	MF	DS1	07:52	B	11.0	45.1	0.30	24.13	29.38	84.62	6.01	10.18	7.98	9.3
2022/05/04	MF	DS1	07:52	M	6.7	350.8	0.29	24.15	29.10	84.62	6.01	8.48	7.98	8.0
2022/05/04	MF	DS1	07:53	T	0.9	7.0	0.87	24.26	26.03	89.77	6.48	2.98	7.99	15.3
2022/05/04	MF	DS2	07:58	B	8.9	248.8	0.53	24.14	29.21	84.97	6.04	12.08	7.98	7.8
2022/05/04	MF	DS2	07:59	M	5.6	286.9	0.47	24.18	28.22	86.28	6.16	6.08	7.98	5.0
2022/05/04	MF	DS2	07:59	T	0.9	4.1	0.90	24.21	24.90	91.64	6.66	2.08	7.98	16.0
2022/05/04	MF	DS2	08:00	B	8.9	272.7	0.45	24.12	29.56	84.17	5.97	17.28	7.98	8.0
2022/05/04	MF	DS2	08:01	M	5.3	340.2	0.70	24.18	28.38	86.00	6.13	6.08	7.99	5.1
2022/05/04	MF	DS2	08:02	T	1.0	325.7	0.57	24.18	24.91	91.05	6.62	2.48	7.99	16.2
2022/05/04	MF	DS3	08:06	B	8.8	15.6	0.17	24.13	29.25	86.94	6.18	8.48	7.97	15.7
2022/05/04	MF	DS3	08:07	M	5.6	350.0	0.59	24.17	28.36	85.84	6.12	5.08	7.97	7.6
2022/05/04	MF	DS3	08:08	T	1.2	347.1	0.68	24.34	25.94	89.78	6.48	2.28	7.97	6.7
2022/05/04	MF	DS3	08:08	B	8.9	302.9	0.52	24.13	29.26	84.23	5.98	10.08	7.97	15.9
2022/05/04	MF	DS3	08:09	M	5.5	277.7	0.33	24.17	28.51	85.35	6.08	6.08	7.97	7.4
2022/05/04	MF	DS3	08:10	T	1.0	339.3	0.84	24.33	25.83	89.59	6.47	2.38	7.97	6.9
2022/05/04	MF	DS4	08:14	B	9.0	277.9	1.00	24.14	29.14	84.38	6.00	9.28	7.97	12.7
2022/05/04	MF	DS4	08:15	M	5.4	300.7	0.78	24.20	28.16	86.30	6.16	4.88	7.98	6.2
2022/05/04	MF	DS4	08:16	T	1.0	317.1	0.98	24.24	25.02	91.16	6.62	2.08	7.98	6.8
2022/05/04	MF	DS4	08:16	B	9.2	247.4	0.36	24.14	29.17	84.49	6.00	8.78	7.97	13.2
2022/05/04	MF	DS4	08:17	M	5.3	320.8	0.68	24.20	28.07	86.52	6.18	4.58	7.98	6.2
2022/05/04	MF	DS4	08:18	T	1.2	296.4	0.43	24.27	25.24	90.67	6.57	2.48	7.97	7.1
2022/05/04	MF	DS5	08:22	B	8.9	268.4	0.07	24.13	29.14	85.34	6.07	8.88	7.96	14.2
2022/05/04	MF	DS5	08:23	M	5.5	314.5	0.54	24.30	26.70	88.68	6.37	2.88	7.97	8.0
2022/05/04	MF	DS5	08:23	T	1.2	342.1	0.35	24.08	24.30	93.24	6.82	1.78	7.97	4.6
2022/05/04	MF	DS5	08:24	B	9.3	299.8	0.44	24.14	29.15	85.05	6.04	7.58	7.96	14.7
2022/05/04	MF	DS5	08:25	M	5.5	286.5	0.54	24.27	27.28	87.28	6.25	3.18	7.97	7.9
2022/05/04	MF	DS5	08:25	T	1.2	322.5	0.84	24.17	24.68	92.14	6.71	1.88	7.97	4.5
2022/05/04	MF	US1	08:41	B	11.0	272.3	0.17	24.10	30.15	85.89	6.07	11.48	7.97	16.3
2022/05/04	MF	US1	08:42	M	6.9	284.4	0.45	24.11	29.97	85.49	6.05	7.68	7.96	8.9
2022/05/04	MF	US1	08:43	T	1.3	302.7	0.60	24.28	27.27	88.73	6.36	2.88	7.96	6.3
2022/05/04	MF	US1	08:43	B	11.0	278.5	1.24	24.10	30.13	85.29	6.03	9.18	7.96	16.4
2022/05/04	MF	US1	08:44	M	6.8	265.4	0.41	24.11	29.98	85.20	6.03	7.28	7.96	8.9
2022/05/04	MF	US1	08:44	T	1.3	348.5	0.66	24.29	27.18	89.05	6.38	2.88	7.96	6.3
2022/05/04	MF	US2	08:50	B	10.0	257.8	0.91	24.10	30.15	86.35	6.11	9.08	7.96	18.0
2022/05/04	MF	US2	08:50	M	6.2	293.5	0.59	24.16	29.28	86.15	6.12	4.98	7.95	10.5
2022/05/04	MF	US2	08:51	T	1.3	266.9	0.71	24.27	27.77	89.00	6.36	2.28	7.96	4.7
2022/05/04	MF	US2	08:52	B	10.0	295.5	0.50	24.10	30.16	85.15	6.02	10.28	7.96	18.2
2022/05/04	MF	US2	08:52	M	6.1	289.5	0.73	24.14	29.59	85.26	6.04	5.78	7.96	10.3
2022/05/04	MF	US2	08:53	T	1.2	263.5	0.72	24.28	27.75	89.01	6.36	2.18	7.96	4.8