

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)
2022/03/28	ME	US1	11:03	B	9.9	212.9	0.24	20.57	29.68	88.89	6.71	5.31	8.03	8.5
2022/03/28	ME	US1	11:03	M	6.0	85.0	0.23	20.88	28.12	86.99	6.59	6.41	8.01	11.4
2022/03/28	ME	US1	11:04	T	1.1	108.1	0.81	21.31	25.91	87.49	6.66	4.22	7.98	7.3
2022/03/28	ME	US1	11:05	B	10.2	328.2	0.08	20.57	29.69	84.89	6.41	5.11	8.00	8.3
2022/03/28	ME	US1	11:05	M	6.0	112.8	0.45	20.82	28.35	85.19	6.45	6.31	8.00	11.9
2022/03/28	ME	US1	11:06	T	1.2	101.8	0.47	21.18	26.58	86.09	6.55	4.72	7.97	7.5
2022/03/28	ME	US2	11:11	B	7.9	151.4	0.49	20.63	29.45	89.88	6.79	7.11	8.00	12.3
2022/03/28	ME	US2	11:11	M	5.2	107.1	0.78	20.89	28.16	86.48	6.55	6.01	7.98	9.7
2022/03/28	ME	US2	11:12	T	0.9	105.5	0.12	21.22	25.34	87.78	6.72	3.62	7.97	4.4
2022/03/28	ME	US2	11:13	B	7.9	197.0	0.49	20.63	29.46	85.38	6.45	6.61	7.98	11.8
2022/03/28	ME	US2	11:13	M	4.9	83.9	0.34	20.90	28.16	84.78	6.42	5.91	7.97	9.8
2022/03/28	ME	US2	11:14	T	1.0	136.8	0.52	21.22	25.40	87.48	6.69	3.82	7.96	4.4
2022/03/28	ME	DS1	11:21	B	10.2	206.6	0.21	20.57	29.69	91.06	6.88	7.31	8.01	13.2
2022/03/28	ME	DS1	11:21	M	6.2	74.4	0.44	20.83	28.34	87.07	6.60	6.51	7.99	10.7
2022/03/28	ME	DS1	11:22	T	1.2	38.1	0.72	21.04	27.33	86.87	6.59	6.21	7.98	6.6
2022/03/28	ME	DS1	11:23	B	10.2	234.8	0.49	20.57	29.70	85.47	6.45	7.01	7.99	13.7
2022/03/28	ME	DS1	11:23	M	6.0	37.7	0.16	20.81	28.50	85.17	6.45	7.31	7.98	10.8
2022/03/28	ME	DS1	11:24	T	1.0	89.9	0.77	21.25	25.77	86.47	6.60	4.12	7.96	6.5
2022/03/28	ME	DS2	11:30	B	8.1	278.2	0.30	20.63	29.46	90.75	6.86	6.51	7.99	6.6
2022/03/28	ME	DS2	11:31	M	5.1	73.3	0.19	20.86	28.13	87.56	6.64	5.51	7.98	9.0
2022/03/28	ME	DS2	11:31	T	1.0	39.1	0.46	21.18	25.97	87.86	6.71	3.92	7.96	8.1
2022/03/28	ME	DS2	11:32	B	7.9	296.6	0.10	20.68	29.12	85.96	6.50	4.52	7.98	6.3
2022/03/28	ME	DS2	11:33	M	5.2	168.4	0.28	20.81	28.45	85.66	6.49	4.92	7.97	9.1
2022/03/28	ME	DS2	11:33	T	1.0	78.5	0.13	21.21	26.61	85.96	6.53	4.22	7.94	7.9
2022/03/28	ME	DS3	11:38	B	12.1	91.1	0.49	20.43	30.33	89.35	6.74	4.72	8.00	8.9
2022/03/28	ME	DS3	11:39	M	7.2	170.7	0.19	20.63	29.40	87.05	6.58	4.02	7.98	7.6
2022/03/28	ME	DS3	11:40	T	1.2	63.7	0.30	21.07	26.55	87.85	6.70	4.22	7.96	3.7
2022/03/28	ME	DS3	11:40	B	12.1	76.9	0.43	20.49	30.12	85.45	6.45	4.82	7.99	8.8
2022/03/28	ME	DS3	11:41	M	7.0	32.1	0.49	20.62	29.40	86.05	6.50	4.12	7.98	7.5
2022/03/28	ME	DS3	11:42	T	1.1	117.0	0.71	21.23	26.43	86.25	6.56	5.01	7.95	3.5
2022/03/28	ME	DS4	11:47	B	7.1	102.4	0.43	20.69	29.08	88.54	6.70	4.52	7.98	8.7
2022/03/28	ME	DS4	11:47	M	4.5	65.7	0.41	20.91	27.47	87.64	6.66	4.92	7.97	10.0
2022/03/28	ME	DS4	11:48	T	1.0	81.4	0.84	21.21	24.75	89.74	6.89	2.92	7.96	4.7
2022/03/28	ME	DS4	11:48	B	7.3	300.8	0.05	20.70	29.09	87.24	6.60	4.12	7.97	8.7
2022/03/28	ME	DS4	11:49	M	4.5	61.8	0.21	20.90	27.73	86.34	6.56	4.22	7.96	10.1
2022/03/28	ME	DS4	11:50	T	1.1	152.3	0.51	21.07	26.38	87.34	6.66	3.72	7.96	4.8
2022/03/28	ME	DS5	11:55	B	6.3	193.1	0.18	20.85	28.21	90.93	6.89	4.62	7.97	9.0
2022/03/28	ME	DS5	11:55	M	4.2	104.2	0.61	20.89	27.82	88.23	6.70	4.32	7.97	9.7
2022/03/28	ME	DS5	11:56	T	1.0	73.7	0.62	21.17	24.88	88.83	6.82	3.32	7.97	5.0
2022/03/28	ME	DS5	11:56	B	6.1	56.6	0.45	20.86	28.26	87.53	6.63	4.62	7.96	9.5
2022/03/28	ME	DS5	11:57	M	4.0	95.8	0.32	20.89	27.84	86.63	6.58	4.12	7.95	9.3
2022/03/28	ME	DS5	11:57	T	1.0	87.1	0.29	21.19	24.98	86.23	6.62	4.22	7.95	5.0
2022/03/28	ME	MW1	09:40	B	20.2	172.2	0.14	20.31	30.94	93.17	7.02	3.62	8.02	6.4
2022/03/28	ME	MW1	09:41	M	11.0	269.5	0.33	20.32	30.86	90.77	6.84	2.92	8.02	5.5
2022/03/28	ME	MW1	09:42	T	1.0	302.5	0.36	20.36	30.14	89.77	6.79	2.12	8.00	4.2
2022/03/28	ME	MW1	09:44	B	20.2	141.1	0.37	20.31	30.95	87.77	6.61	3.12	8.02	6.5
2022/03/28	ME	MW1	09:44	M	10.8	66.8	0.36	20.31	30.95	87.77	6.61	3.62	8.02	5.6
2022/03/28	ME	MW1	09:45	T	1.3	359.4	0.20	20.35	30.11	88.26	6.68	2.12	8.01	4.3

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2022/03/28	MF	MW1	16:21	B	20.1	230.5	0.22	20.29	31.35	91.56	6.88	5.41	8.03	12.2
2022/03/28	MF	MW1	16:22	M	11.0	66.1	0.27	20.34	30.90	89.77	6.76	3.12	8.01	8.0
2022/03/28	MF	MW1	16:23	T	1.2	35.4	0.37	20.43	30.00	89.76	6.78	1.82	8.00	5.2
2022/03/28	MF	MW1	16:24	B	20.0	269.5	0.34	20.29	31.39	88.37	6.64	7.11	8.01	12.4
2022/03/28	MF	MW1	16:25	M	11.2	4.0	0.37	20.34	30.90	88.56	6.67	2.82	8.00	7.9
2022/03/28	MF	MW1	16:26	T	1.1	122.9	0.33	20.42	30.26	88.96	6.71	1.82	7.99	5.4
2022/03/28	MF	DS1	14:25	B	10.0	274.9	0.41	20.59	29.49	91.44	6.91	5.61	7.99	11.5
2022/03/28	MF	DS1	14:25	M	5.9	339.8	0.51	20.79	27.44	90.24	6.88	4.42	8.00	10.3
2022/03/28	MF	DS1	14:26	T	1.0	209.7	0.68	21.04	26.33	92.34	7.05	2.82	7.97	8.4
2022/03/28	MF	DS1	14:27	B	10.2	228.5	0.63	20.54	29.82	88.64	6.69	6.81	7.97	11.6
2022/03/28	MF	DS1	14:27	M	6.2	248.5	0.42	20.69	28.16	88.34	6.72	5.21	7.99	10.5
2022/03/28	MF	DS1	14:28	T	1.0	22.4	0.49	21.04	26.29	91.43	6.98	3.22	7.97	8.6
2022/03/28	MF	DS2	14:33	B	9.0	338.5	0.32	20.56	29.39	92.62	7.01	5.61	8.00	9.9
2022/03/28	MF	DS2	14:34	M	5.5	269.1	0.07	20.63	28.35	90.72	6.90	6.01	8.00	7.6
2022/03/28	MF	DS2	14:34	T	1.0	278.9	0.33	20.95	26.29	92.72	7.09	2.72	7.98	4.1
2022/03/28	MF	DS2	14:35	B	9.0	236.0	0.68	20.61	28.81	90.42	6.86	5.71	7.99	9.8
2022/03/28	MF	DS2	14:35	M	5.5	197.6	0.26	20.64	28.30	89.92	6.84	5.91	8.00	7.8
2022/03/28	MF	DS2	14:36	T	1.0	278.9	0.33	20.94	26.46	91.61	7.00	2.72	7.97	4.1
2022/03/28	MF	DS3	14:41	B	9.1	311.7	0.19	20.59	29.19	101.89	7.71	2.32	8.00	9.4
2022/03/28	MF	DS3	14:42	M	5.6	316.7	0.17	20.63	28.45	90.50	6.88	5.91	8.01	8.2
2022/03/28	MF	DS3	14:42	T	1.1	19.4	0.38	20.88	26.60	92.20	7.05	2.42	7.98	3.5
2022/03/28	MF	DS3	14:43	B	9.0	277.3	0.63	20.61	29.12	88.80	6.72	6.21	7.99	9.8
2022/03/28	MF	DS3	14:44	M	5.4	238.3	0.30	20.64	28.53	88.50	6.72	5.91	7.99	7.8
2022/03/28	MF	DS3	14:44	T	1.1	273.8	0.55	20.87	26.71	90.69	6.93	2.42	7.97	3.3
2022/03/28	MF	DS4	14:49	B	9.0	282.2	0.50	20.59	29.37	91.68	6.93	7.41	7.99	10.8
2022/03/28	MF	DS4	14:50	M	5.5	325.8	0.17	20.62	28.52	90.08	6.84	6.41	8.01	10.5
2022/03/28	MF	DS4	14:50	T	1.1	267.0	0.21	20.86	27.01	91.58	6.99	3.02	7.98	7.7
2022/03/28	MF	DS4	14:51	B	9.0	254.4	0.16	20.52	29.84	87.88	6.64	9.81	7.98	10.9
2022/03/28	MF	DS4	14:52	M	5.5	146.2	0.24	20.62	28.44	88.68	6.74	6.51	8.00	10.6
2022/03/28	MF	DS4	14:52	T	1.1	8.9	0.16	20.83	27.03	90.48	6.91	2.92	7.97	7.7
2022/03/28	MF	DS5	14:58	B	9.2	341.5	0.17	20.59	29.16	89.36	6.77	7.11	8.00	10.2
2022/03/28	MF	DS5	14:58	M	5.4	302.7	0.54	20.61	28.30	89.36	6.80	5.91	8.01	8.8
2022/03/28	MF	DS5	14:59	T	1.0	331.1	0.20	20.87	26.83	91.56	6.99	2.92	7.99	4.8
2022/03/28	MF	DS5	14:59	B	8.9	124.6	0.43	20.64	28.58	89.86	6.82	5.61	7.99	10.1
2022/03/28	MF	DS5	15:00	M	5.5	6.3	0.28	20.65	28.17	90.36	6.88	5.61	8.01	9.1
2022/03/28	MF	DS5	15:00	T	1.1	285.1	0.44	20.86	26.62	91.95	7.03	2.82	7.98	4.6
2022/03/28	MF	US1	15:14	B	11.2	292.1	0.49	20.63	29.35	91.82	6.94	4.72	7.98	9.7
2022/03/28	MF	US1	15:14	M	6.5	199.3	0.37	21.04	26.93	90.32	6.87	3.22	7.97	5.7
2022/03/28	MF	US1	15:15	T	0.9	359.6	0.26	21.08	25.96	92.52	7.08	2.42	7.96	7.9
2022/03/28	MF	US1	15:16	B	11.0	300.3	0.18	20.78	28.61	88.62	6.71	4.72	7.96	9.9
2022/03/28	MF	US1	15:16	M	6.4	110.4	0.20	21.04	26.97	88.32	6.72	3.22	7.95	5.9
2022/03/28	MF	US1	15:17	T	1.0	146.3	0.03	21.07	25.90	91.02	6.96	2.42	7.95	8.2
2022/03/28	MF	US2	15:25	B	8.0	247.6	0.59	20.50	29.95	91.30	6.89	7.81	8.00	17.3
2022/03/28	MF	US2	15:26	M	4.9	129.8	0.23	20.77	28.56	89.20	6.76	5.51	7.97	20.2
2022/03/28	MF	US2	15:26	T	1.1	333.4	0.12	21.15	25.68	90.39	6.92	3.02	7.96	4.7
2022/03/28	MF	US2	15:27	B	8.0	301.5	0.42	20.61	29.39	88.00	6.65	6.61	7.98	17.4
2022/03/28	MF	US2	15:28	M	5.1	344.5	0.20	20.84	28.18	87.80	6.66	4.82	7.96	20.1
2022/03/28	MF	US2	15:28	T	1.0	277.8	0.27	21.23	26.09	88.89	6.77	3.12	7.95	4.6