

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)
2022/04/06	ME	US1	14:37	B	9.0	153.5	0.61	21.30	27.05	93.95	7.11	3.42	7.98	6.3
2022/04/06	ME	US1	14:37	M	5.7	106.4	0.66	21.30	26.80	92.05	6.98	3.82	7.99	7.0
2022/04/06	ME	US1	14:38	T	1.0	160.9	0.81	22.71	23.86	96.76	7.27	2.62	8.01	7.2
2022/04/06	ME	US1	14:40	B	8.8	141.0	0.28	20.98	29.01	89.26	6.72	6.71	7.98	6.3
2022/04/06	ME	US1	14:41	M	5.3	98.7	0.55	21.27	27.02	90.66	6.87	4.42	7.99	6.8
2022/04/06	ME	US1	14:41	T	1.2	128.4	1.14	22.43	24.31	95.67	7.21	2.72	8.00	6.7
2022/04/06	ME	US2	14:46	B	10.1	170.9	0.17	21.04	28.20	91.07	6.88	13.91	7.98	23.8
2022/04/06	ME	US2	14:47	M	5.8	113.6	0.71	21.26	27.42	91.48	6.91	6.81	8.01	11.8
2022/04/06	ME	US2	14:47	T	1.1	122.3	0.49	22.62	24.88	99.39	7.44	2.82	8.03	8.1
2022/04/06	ME	US2	14:48	B	9.9	122.9	0.42	21.06	28.16	92.08	6.95	14.21	7.98	24.7
2022/04/06	ME	US2	14:49	M	6.1	90.6	0.60	21.16	27.47	91.38	6.92	8.11	8.00	11.7
2022/04/06	ME	US2	14:49	T	1.2	143.2	0.66	22.54	24.78	98.10	7.36	3.12	8.03	8.1
2022/04/06	ME	DS1	14:59	B	9.9	103.7	0.29	21.04	28.55	88.50	6.67	17.80	7.97	34.5
2022/04/06	ME	DS1	15:00	M	6.3	70.2	0.10	21.15	27.71	88.51	6.69	6.41	7.98	7.9
2022/04/06	ME	DS1	15:01	T	1.1	135.4	1.05	22.73	24.01	95.12	7.14	2.92	8.00	7.3
2022/04/06	ME	DS1	15:02	B	10.6	26.9	0.36	21.03	28.62	87.81	6.62	20.00	7.97	32.4
2022/04/06	ME	DS1	15:03	M	6.2	114.3	0.44	21.10	28.11	88.01	6.64	10.11	7.97	8.1
2022/04/06	ME	DS1	15:03	T	1.1	135.9	0.47	22.59	24.25	94.93	7.13	3.22	8.00	7.2
2022/04/06	ME	DS2	15:09	B	7.8	115.5	0.44	21.05	28.60	88.63	6.68	17.40	7.97	28.1
2022/04/06	ME	DS2	15:09	M	4.9	105.7	0.95	21.18	27.62	89.13	6.74	5.61	7.97	10.5
2022/04/06	ME	DS2	15:10	T	1.1	125.2	0.93	22.52	24.49	95.05	7.14	2.82	7.98	7.6
2022/04/06	ME	DS2	15:11	B	8.0	121.6	0.39	21.06	28.53	89.64	6.75	14.61	7.96	29.3
2022/04/06	ME	DS2	15:11	M	4.9	90.2	0.54	21.14	27.72	89.44	6.76	6.11	7.98	10.4
2022/04/06	ME	DS2	15:12	T	1.0	124.6	0.89	22.53	24.39	94.75	7.12	2.92	7.98	7.8
2022/04/06	ME	DS3	15:17	B	11.9	329.8	0.08	21.06	28.62	89.15	6.71	10.51	7.96	15.6
2022/04/06	ME	DS3	15:18	M	6.8	98.1	0.55	21.14	27.92	88.35	6.67	6.21	7.96	9.1
2022/04/06	ME	DS3	15:18	T	1.2	153.2	0.40	22.23	24.93	93.17	7.02	2.72	7.96	7.1
2022/04/06	ME	DS3	15:19	B	12.0	342.2	0.38	21.05	28.65	89.46	6.74	11.21	7.95	16.0
2022/04/06	ME	DS3	15:20	M	6.8	125.1	0.50	21.14	27.87	88.46	6.68	7.11	7.97	9.1
2022/04/06	ME	DS3	15:21	T	1.1	107.6	1.16	22.12	25.22	92.87	7.00	2.82	7.95	7.3
2022/04/06	ME	DS4	15:26	B	6.9	60.0	0.69	21.13	28.17	91.88	6.93	7.91	7.95	13.5
2022/04/06	ME	DS4	15:26	M	4.3	118.6	0.70	21.23	27.40	90.58	6.85	4.42	7.96	9.1
2022/04/06	ME	DS4	15:27	T	1.1	110.0	0.63	22.26	25.07	93.29	7.02	2.92	7.97	3.6
2022/04/06	ME	DS4	15:28	B	7.0	75.1	0.44	21.13	28.13	90.18	6.80	8.61	7.95	13.1
2022/04/06	ME	DS4	15:28	M	4.6	108.6	0.75	21.19	27.68	89.48	6.76	5.21	7.96	9.5
2022/04/06	ME	DS4	15:29	T	1.0	117.4	0.88	22.44	24.46	94.20	7.09	2.92	7.95	3.7
2022/04/06	ME	DS5	15:36	B	7.0	174.5	0.17	21.14	28.17	92.21	6.95	6.61	7.95	13.1
2022/04/06	ME	DS5	15:37	M	4.4	118.0	0.65	21.23	27.50	90.51	6.84	4.92	7.95	16.4
2022/04/06	ME	DS5	15:37	T	0.9	95.2	0.76	22.66	24.29	95.32	7.15	2.52	7.96	5.8
2022/04/06	ME	DS5	15:38	B	6.8	8.0	0.41	21.12	28.26	90.21	6.80	7.91	7.95	12.8
2022/04/06	ME	DS5	15:39	M	4.6	101.8	0.80	21.19	27.73	89.01	6.72	5.71	7.95	17.2
2022/04/06	ME	DS5	15:39	T	1.1	98.9	0.87	22.30	24.84	93.12	7.01	2.72	7.95	5.6
2022/04/06	ME	MW1	16:21	B	19.2	280.0	0.56	20.93	29.92	91.23	6.84	2.92	7.97	10.6
2022/04/06	ME	MW1	16:22	M	10.7	40.0	0.51	20.97	29.79	89.92	6.74	2.52	7.98	11.2
2022/04/06	ME	MW1	16:23	T	1.2	84.6	0.82	21.68	28.68	88.92	6.62	2.62	7.99	8.8
2022/04/06	ME	MW1	16:24	B	19.3	157.9	0.46	20.85	30.12	88.52	6.63	3.12	7.99	11.0
2022/04/06	ME	MW1	16:25	M	10.4	85.7	0.40	20.86	30.08	87.52	6.56	2.72	7.99	11.5
2022/04/06	ME	MW1	16:25	T	1.2	48.2	0.63	21.51	28.88	91.24	6.81	2.12	7.99	8.7

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2022/04/06	MF	MW1	08:08	B	18.9	74.3	0.32	20.70	30.13	88.23	6.63	2.62	8.09	12.9
2022/04/06	MF	MW1	08:09	M	10.6	172.1	0.52	20.70	29.56	88.04	6.64	2.42	8.08	5.0
2022/04/06	MF	MW1	08:10	T	1.1	0.8	0.22	20.78	29.02	88.64	6.70	2.22	8.07	5.7
2022/04/06	MF	MW1	08:11	B	18.9	262.2	0.21	20.70	30.28	86.65	6.51	3.82	8.08	13.3
2022/04/06	MF	MW1	08:12	M	10.7	86.9	0.11	20.70	29.68	86.55	6.52	2.52	8.07	5.0
2022/04/06	MF	MW1	08:12	T	0.9	117.5	0.11	20.77	29.05	88.36	6.67	2.32	8.07	5.5
2022/04/06	MF	DS1	09:21	B	9.1	331.2	0.57	20.83	29.16	89.82	6.77	8.91	8.04	14.9
2022/04/06	MF	DS1	09:21	M	5.4	357.1	0.10	20.88	28.92	87.91	6.63	10.71	8.04	20.2
2022/04/06	MF	DS1	09:22	T	0.9	277.7	0.56	21.17	27.10	87.82	6.66	6.61	8.03	8.8
2022/04/06	MF	DS1	09:23	B	8.9	297.4	0.35	20.84	29.14	87.52	6.60	10.71	8.04	15.4
2022/04/06	MF	DS1	09:23	M	5.6	277.2	0.43	20.89	28.86	87.22	6.58	11.61	8.03	19.3
2022/04/06	MF	DS1	09:24	T	1.3	288.8	0.64	21.15	27.11	88.53	6.72	4.32	8.03	8.5
2022/04/06	MF	DS2	09:30	B	7.9	329.8	0.99	20.90	28.75	91.28	6.89	10.91	8.03	9.3
2022/04/06	MF	DS2	09:31	M	5.0	309.8	0.83	21.05	27.84	89.07	6.74	6.81	8.02	28.0
2022/04/06	MF	DS2	09:31	T	1.1	23.8	0.55	21.29	25.51	91.49	6.99	2.82	8.00	3.9
2022/04/06	MF	DS2	09:32	B	8.0	125.1	0.22	20.91	28.73	88.57	6.69	10.11	8.02	8.9
2022/04/06	MF	DS2	09:33	M	4.9	305.3	0.74	21.04	27.94	87.67	6.63	6.81	8.02	27.5
2022/04/06	MF	DS2	09:33	T	1.1	292.2	0.54	21.29	25.73	89.89	6.86	2.82	8.00	4.0
2022/04/06	MF	DS3	09:38	B	8.0	338.0	0.28	20.93	28.59	89.31	6.74	15.60	8.01	9.3
2022/04/06	MF	DS3	09:39	M	5.0	287.0	0.83	20.97	28.39	87.60	6.62	11.91	8.01	21.5
2022/04/06	MF	DS3	09:39	T	1.1	331.5	0.56	21.28	25.75	90.02	6.87	3.52	7.99	33.0
2022/04/06	MF	DS3	09:40	B	8.2	261.0	0.52	20.93	28.59	87.71	6.62	14.71	8.01	8.6
2022/04/06	MF	DS3	09:41	M	5.2	296.3	0.77	20.97	28.35	86.61	6.54	12.91	8.00	21.1
2022/04/06	MF	DS3	09:42	T	1.0	289.4	1.04	21.34	25.77	89.03	6.78	4.42	7.99	35.1
2022/04/06	MF	DS4	09:48	B	8.1	343.7	0.58	20.93	28.60	91.07	6.88	14.71	8.01	18.5
2022/04/06	MF	DS4	09:48	M	4.8	322.6	0.73	20.95	28.50	88.16	6.66	12.91	8.01	23.1
2022/04/06	MF	DS4	09:49	T	0.9	308.5	0.73	21.30	25.89	89.77	6.84	3.42	7.98	8.8
2022/04/06	MF	DS4	09:50	B	8.0	311.0	0.14	20.93	28.62	87.36	6.60	14.01	8.00	18.4
2022/04/06	MF	DS4	09:51	M	5.0	324.1	0.31	20.99	28.33	87.06	6.58	10.91	7.99	22.8
2022/04/06	MF	DS4	09:51	T	1.1	18.0	0.30	21.33	25.87	88.98	6.78	3.62	7.98	8.6
2022/04/06	MF	DS5	09:56	B	7.9	294.6	0.49	20.94	28.57	90.62	6.84	17.50	8.00	8.8
2022/04/06	MF	DS5	09:57	M	4.8	295.3	1.01	21.09	28.00	88.50	6.69	7.81	7.99	21.6
2022/04/06	MF	DS5	09:57	T	1.0	334.4	0.46	21.36	26.00	90.52	6.89	3.32	7.98	7.9
2022/04/06	MF	DS5	10:00	B	8.3	328.8	0.36	20.96	28.47	88.01	6.65	14.01	7.99	8.9
2022/04/06	MF	DS5	10:00	M	5.2	324.6	0.77	21.00	28.32	87.41	6.60	10.61	7.98	22.5
2022/04/06	MF	DS5	10:01	T	1.1	328.1	1.06	21.41	25.83	89.43	6.80	3.62	7.96	7.8
2022/04/06	MF	US1	10:14	B	10.9	278.8	0.53	20.78	29.71	90.11	6.78	12.31	7.99	18.4
2022/04/06	MF	US1	10:15	M	6.3	297.5	0.52	20.84	29.45	88.50	6.66	9.01	7.99	15.6
2022/04/06	MF	US1	10:16	T	1.2	292.7	0.57	21.49	26.24	90.82	6.88	2.42	7.96	7.8
2022/04/06	MF	US1	10:17	B	11.2	272.3	0.44	20.78	29.72	87.90	6.61	13.41	7.99	19.1
2022/04/06	MF	US1	10:17	M	6.5	270.9	0.39	20.81	29.61	87.30	6.57	10.01	7.99	15.5
2022/04/06	MF	US1	10:18	T	1.0	336.8	0.65	21.58	26.02	90.43	6.85	2.42	7.96	7.4
2022/04/06	MF	US2	10:23	B	8.1	279.3	0.74	20.86	29.41	88.64	6.67	9.21	7.98	29.8
2022/04/06	MF	US2	10:24	M	4.8	275.8	0.16	20.90	29.30	87.94	6.62	8.01	7.98	12.8
2022/04/06	MF	US2	10:24	T	1.0	264.0	0.46	21.03	28.95	89.05	6.70	5.91	7.97	7.5
2022/04/06	MF	US2	10:25	B	8.1	310.3	0.93	20.85	29.46	87.95	6.62	9.71	7.98	30.7
2022/04/06	MF	US2	10:25	M	5.0	292.5	0.94	20.97	29.09	87.75	6.60	6.91	7.98	12.8
2022/04/06	MF	US2	10:26	T	1.1	292.8	0.80	21.06	28.75	88.66	6.67	3.82	7.97	7.4