

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)
2022/05/06	ME	US1	14:50	B	10.0	71.2	0.62	24.77	27.96	99.00	7.01	3.18	8.06	5.4
2022/05/06	ME	US1	14:50	M	6.0	81.7	0.42	24.78	27.48	99.79	7.08	3.48	8.07	5.5
2022/05/06	ME	US1	14:51	T	0.9	149.6	0.38	25.28	24.98	111.58	7.96	1.18	8.12	3.6
2022/05/06	ME	US1	14:52	B	10.1	77.9	0.19	24.74	28.11	98.09	6.94	2.88	8.06	5.4
2022/05/06	ME	US1	14:53	M	6.1	109.2	0.56	24.76	27.64	97.39	6.91	3.28	8.06	5.4
2022/05/06	ME	US1	14:53	T	1.1	138.5	0.76	25.19	25.13	110.88	7.92	1.08	8.11	3.5
2022/05/06	ME	US2	14:58	B	9.0	150.8	0.16	24.75	28.16	102.38	7.24	4.08	8.09	5.8
2022/05/06	ME	US2	14:59	M	5.6	126.5	0.66	24.84	27.53	103.57	7.34	2.28	8.10	4.0
2022/05/06	ME	US2	14:59	T	1.2	135.4	0.59	25.39	24.40	115.66	8.26	1.18	8.14	4.3
2022/05/06	ME	US2	15:00	B	9.2	158.7	0.73	24.75	28.15	103.07	7.29	3.78	8.08	5.7
2022/05/06	ME	US2	15:00	M	5.6	100.2	0.24	24.82	27.64	102.27	7.24	3.08	8.08	3.8
2022/05/06	ME	US2	15:01	T	0.9	145.8	0.83	25.80	23.35	120.35	8.59	0.98	8.16	4.3
2022/05/06	ME	DS1	15:07	B	9.9	77.1	0.66	24.72	28.14	96.76	6.85	3.28	8.05	16.4
2022/05/06	ME	DS1	15:08	M	6.2	57.1	0.42	24.75	27.52	97.86	6.94	2.68	8.07	5.2
2022/05/06	ME	DS1	15:08	T	1.1	164.5	0.41	25.48	24.10	112.64	8.05	0.98	8.14	3.5
2022/05/06	ME	DS1	15:09	B	10.1	74.9	0.69	24.70	28.26	96.76	6.84	2.48	8.04	16.4
2022/05/06	ME	DS1	15:10	M	6.1	127.2	0.56	24.78	27.51	99.16	7.03	2.78	8.07	5.3
2022/05/06	ME	DS1	15:10	T	1.1	72.3	0.20	26.05	22.86	122.12	8.70	1.08	8.18	3.7
2022/05/06	ME	DS2	15:15	B	10.1	110.3	0.24	24.75	27.81	97.15	6.88	2.88	8.05	4.5
2022/05/06	ME	DS2	15:16	M	6.1	74.8	0.42	24.78	27.51	99.04	7.03	2.28	8.06	4.6
2022/05/06	ME	DS2	15:16	T	1.2	124.1	1.12	25.30	25.33	110.03	7.83	1.08	8.11	6.9
2022/05/06	ME	DS2	15:17	B	10.2	333.1	0.14	24.75	27.85	97.24	6.89	3.68	8.05	4.3
2022/05/06	ME	DS2	15:18	M	5.9	123.9	0.71	24.78	27.54	98.84	7.01	2.58	8.06	4.8
2022/05/06	ME	DS2	15:18	T	1.2	108.7	1.47	25.24	25.53	108.82	7.74	0.98	8.10	6.5
2022/05/06	ME	DS3	15:23	B	12.1	102.1	0.26	24.76	27.68	95.44	6.77	3.58	8.04	8.2
2022/05/06	ME	DS3	15:23	M	6.8	118.7	0.69	24.79	27.46	97.93	6.95	2.88	8.06	7.5
2022/05/06	ME	DS3	15:24	T	1.1	143.5	0.60	25.47	25.03	111.61	7.93	1.58	8.12	5.5
2022/05/06	ME	DS3	15:25	B	12.2	68.0	0.46	24.76	27.64	96.43	6.84	3.38	8.04	8.9
2022/05/06	ME	DS3	15:25	M	7.0	71.2	0.26	24.78	27.52	97.43	6.91	2.58	8.05	7.7
2022/05/06	ME	DS3	15:26	T	0.9	128.2	0.52	25.43	25.03	111.50	7.93	1.28	8.12	5.4
2022/05/06	ME	DS4	15:30	B	8.0	90.0	0.15	24.81	27.40	97.92	6.95	3.18	8.04	5.8
2022/05/06	ME	DS4	15:31	M	5.1	109.3	0.60	24.82	27.33	99.81	7.08	2.48	8.06	7.5
2022/05/06	ME	DS4	15:31	T	1.1	116.8	0.42	25.34	25.33	111.39	7.92	0.98	8.10	6.0
2022/05/06	ME	DS4	15:32	B	7.9	100.3	0.54	24.81	27.37	98.91	7.02	2.68	8.05	5.5
2022/05/06	ME	DS4	15:33	M	4.9	76.9	0.58	24.82	27.29	100.41	7.13	2.08	8.06	7.8
2022/05/06	ME	DS4	15:33	T	1.1	143.0	0.36	25.10	25.94	109.19	7.77	1.28	8.10	5.7
2022/05/06	ME	DS5	15:38	B	8.0	48.7	0.35	24.68	28.46	90.52	6.40	3.68	8.01	9.1
2022/05/06	ME	DS5	15:38	M	5.1	131.8	0.59	24.86	27.17	98.80	7.01	2.58	8.06	5.1
2022/05/06	ME	DS5	15:39	T	1.0	136.6	0.62	25.59	24.85	113.47	8.06	1.18	8.12	3.1
2022/05/06	ME	DS5	15:40	B	8.0	109.5	0.23	24.69	28.39	91.91	6.50	3.58	8.00	9.1
2022/05/06	ME	DS5	15:40	M	4.9	92.7	0.34	24.85	27.25	98.30	6.97	3.08	8.06	5.1
2022/05/06	ME	DS5	15:41	T	1.0	136.6	0.62	25.02	26.57	106.48	7.56	1.88	8.10	3.0
2022/05/06	ME	MW1	16:19	B	19.0	114.9	0.22	24.66	29.56	99.42	6.98	0.78	8.04	4.0
2022/05/06	ME	MW1	16:20	M	10.6	346.9	0.17	24.74	29.10	100.71	7.08	0.68	8.05	3.9
2022/05/06	ME	MW1	16:21	T	1.2	76.1	0.83	25.68	26.54	119.96	8.42	0.78	8.13	3.2
2022/05/06	ME	MW1	16:22	B	19.1	47.2	0.52	24.70	29.32	100.51	7.07	0.58	8.03	3.7
2022/05/06	ME	MW1	16:23	M	10.5	42.0	0.22	24.84	28.57	103.80	7.31	0.58	8.05	3.9
2022/05/06	ME	MW1	16:23	T	1.2	62.9	0.36	25.93	26.22	121.05	8.48	0.78	8.14	3.0

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2022/05/06	MF	MW1	07:12	B	19.0	177.4	0.89	24.37	30.92	87.95	6.16	3.18	8.05	6.3
2022/05/06	MF	MW1	07:13	M	10.6	246.4	0.69	24.45	30.04	88.25	6.21	1.08	8.05	2.0
2022/05/06	MF	MW1	07:13	T	1.1	41.5	0.23	24.40	27.64	95.66	6.83	0.58	8.09	6.2
2022/05/06	MF	MW1	07:17	B	18.9	179.2	0.22	24.37	30.96	87.76	6.15	1.58	8.06	6.5
2022/05/06	MF	MW1	07:18	M	10.4	65.9	0.12	24.45	30.09	88.86	6.25	0.88	8.06	2.0
2022/05/06	MF	MW1	07:19	T	1.2	82.0	0.42	24.52	28.06	93.87	6.67	2.48	8.08	6.2
2022/05/06	MF	DS1	08:24	B	10.2	95.0	0.30	24.48	28.58	86.26	6.11	1.98	8.03	7.3
2022/05/06	MF	DS1	08:25	M	5.9	47.0	0.85	24.59	27.80	88.97	6.32	1.98	8.04	5.3
2022/05/06	MF	DS1	08:25	T	1.1	287.5	0.38	25.13	22.09	100.29	7.29	1.18	8.09	7.0
2022/05/06	MF	DS1	08:26	B	10.1	156.6	0.07	24.47	28.64	85.86	6.08	2.18	8.03	7.1
2022/05/06	MF	DS1	08:27	M	6.1	223.0	1.04	24.57	27.99	87.67	6.22	2.18	8.04	5.1
2022/05/06	MF	DS1	08:27	T	0.9	162.3	0.55	25.12	22.02	99.49	7.24	1.18	8.10	6.8
2022/05/06	MF	DS2	08:33	B	9.0	348.7	0.27	24.51	28.28	87.48	6.21	3.08	8.02	9.0
2022/05/06	MF	DS2	08:34	M	5.6	302.7	0.65	24.70	27.20	86.78	6.17	2.98	8.06	5.6
2022/05/06	MF	DS2	08:34	T	0.9	123.4	0.19	25.16	22.06	100.21	7.28	1.08	8.08	3.3
2022/05/06	MF	DS2	08:35	B	9.1	314.0	0.17	24.51	28.31	88.58	6.28	2.48	8.01	9.2
2022/05/06	MF	DS2	08:35	M	5.6	212.6	0.15	24.70	27.24	93.99	6.69	2.28	8.06	5.3
2022/05/06	MF	DS2	08:36	T	1.0	196.9	0.50	25.19	21.81	100.71	7.33	1.18	8.08	3.2
2022/05/06	MF	DS3	08:42	B	9.2	314.4	0.15	24.47	28.59	84.38	5.98	5.88	8.01	9.0
2022/05/06	MF	DS3	08:42	M	5.4	355.5	0.13	24.75	27.00	95.41	6.79	2.58	8.07	5.2
2022/05/06	MF	DS3	08:43	T	0.9	53.2	0.59	25.09	22.88	99.92	7.24	1.38	8.07	5.3
2022/05/06	MF	DS3	08:43	B	8.7	313.1	0.40	24.48	28.43	85.39	6.06	4.88	8.01	9.0
2022/05/06	MF	DS3	08:44	M	5.5	313.0	0.72	24.78	26.72	97.22	6.93	2.78	8.08	5.3
2022/05/06	MF	DS3	08:45	T	1.0	202.7	0.41	25.10	22.91	100.22	7.26	1.28	8.08	5.2
2022/05/06	MF	DS4	08:49	B	8.2	323.0	0.12	24.55	27.99	87.10	6.19	4.38	8.01	3.5
2022/05/06	MF	DS4	08:50	M	5.0	289.9	0.46	24.80	26.44	96.83	6.91	1.68	8.07	4.0
2022/05/06	MF	DS4	08:50	T	1.0	6.6	0.45	25.10	23.06	98.63	7.14	1.18	8.06	4.6
2022/05/06	MF	DS4	08:51	B	8.2	269.5	0.24	24.57	27.90	86.40	6.14	3.88	8.01	3.4
2022/05/06	MF	DS4	08:52	M	4.9	330.4	0.20	24.85	25.91	94.92	6.79	1.68	8.05	4.1
2022/05/06	MF	DS4	08:53	T	1.0	289.8	0.27	25.15	22.84	99.54	7.20	1.28	8.06	4.8
2022/05/06	MF	DS5	08:58	B	8.2	276.2	0.59	24.54	28.02	85.61	6.08	5.58	8.01	9.3
2022/05/06	MF	DS5	08:59	M	5.0	238.2	0.03	24.78	26.93	96.74	6.88	1.98	8.08	4.3
2022/05/06	MF	DS5	08:59	T	1.2	305.0	0.61	25.14	22.79	100.25	7.26	1.18	8.07	5.7
2022/05/06	MF	DS5	09:00	B	7.9	292.7	0.13	24.55	28.00	87.62	6.22	4.68	8.01	9.6
2022/05/06	MF	DS5	09:00	M	4.9	136.2	0.04	24.68	27.39	89.73	6.38	3.88	8.04	4.6
2022/05/06	MF	DS5	09:01	T	1.0	275.7	0.61	25.12	22.97	99.05	7.17	1.38	8.06	5.4
2022/05/06	MF	US1	09:15	B	9.9	223.3	0.40	24.64	28.19	92.46	6.55	1.68	8.02	3.7
2022/05/06	MF	US1	09:15	M	6.1	305.7	0.32	24.73	27.60	92.86	6.59	1.88	8.02	5.1
2022/05/06	MF	US1	09:16	T	0.9	290.1	0.06	25.25	23.16	103.09	7.43	0.98	8.07	5.1
2022/05/06	MF	US1	09:17	B	10.0	308.7	0.59	24.45	29.59	87.75	6.19	4.28	8.00	3.5
2022/05/06	MF	US1	09:17	M	6.0	243.4	0.42	24.75	27.45	92.66	6.58	1.98	8.02	5.1
2022/05/06	MF	US1	09:18	T	1.1	280.1	0.40	25.17	23.73	102.19	7.36	0.98	8.07	5.2
2022/05/06	MF	US2	09:22	B	8.8	120.4	0.24	24.41	29.94	86.25	6.07	6.88	8.00	16.0
2022/05/06	MF	US2	09:23	M	5.6	286.3	0.58	24.50	29.15	86.25	6.09	4.38	8.00	6.8
2022/05/06	MF	US2	09:24	T	1.1	21.7	0.16	25.07	25.21	100.39	7.18	1.48	8.06	2.0
2022/05/06	MF	US2	09:24	B	9.0	247.7	0.49	24.42	29.89	86.55	6.09	4.98	8.00	15.5
2022/05/06	MF	US2	09:25	M	5.5	239.7	0.84	24.48	29.28	85.95	6.07	3.88	8.00	6.8
2022/05/06	MF	US2	09:25	T	1.2	278.0	0.62	25.02	25.77	98.59	7.03	1.48	8.06	2.0