

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)
2022/04/23	ME	US1	16:55	B	9.8	91.2	0.57	23.15	27.86	83.75	6.10	8.78	7.96	11.2
2022/04/23	ME	US1	16:56	M	5.8	69.9	0.64	23.43	26.78	89.11	6.50	4.48	7.98	7.9
2022/04/23	ME	US1	16:56	T	0.9	119.2	0.67	23.84	25.76	101.33	7.38	2.38	8.01	5.2
2022/04/23	ME	US1	16:57	B	10.2	64.4	0.59	23.15	27.85	84.52	6.16	8.38	7.95	11.4
2022/04/23	ME	US1	16:58	M	6.1	118.8	0.49	23.34	27.11	88.69	6.47	4.38	7.97	8.0
2022/04/23	ME	US1	16:58	T	1.2	140.4	0.79	23.81	25.76	100.91	7.35	2.48	8.01	5.2
2022/04/23	ME	US2	17:03	B	8.0	109.6	0.46	23.22	27.56	86.93	6.34	5.98	7.96	8.0
2022/04/23	ME	US2	17:04	M	5.0	97.4	0.22	23.36	27.02	89.51	6.53	3.58	7.98	5.9
2022/04/23	ME	US2	17:04	T	0.9	105.7	0.71	24.19	25.01	120.79	8.78	2.68	8.15	4.5
2022/04/23	ME	US2	17:05	B	8.0	97.3	0.45	23.22	27.57	85.71	6.25	6.38	7.96	8.1
2022/04/23	ME	US2	17:06	M	5.2	127.6	0.64	23.34	27.07	89.38	6.52	3.58	7.98	6.1
2022/04/23	ME	US2	17:06	T	1.0	120.7	0.62	24.55	24.90	126.41	9.14	2.88	8.16	4.6
2022/04/23	ME	DS1	17:13	B	10.0	76.7	0.42	23.08	28.24	84.72	6.17	6.48	7.97	9.6
2022/04/23	ME	DS1	17:14	M	5.6	122.4	0.79	23.37	27.15	88.48	6.45	3.98	7.99	4.8
2022/04/23	ME	DS1	17:14	T	1.0	115.1	0.46	24.00	25.43	90.86	6.61	2.98	8.05	4.9
2022/04/23	ME	DS1	17:15	B	10.2	76.2	0.13	23.09	28.20	85.09	6.19	6.18	7.96	9.5
2022/04/23	ME	DS1	17:16	M	6.2	132.7	0.93	23.30	27.37	87.76	6.39	4.58	7.97	4.9
2022/04/23	ME	DS1	17:16	T	1.0	159.2	0.88	24.15	25.29	112.15	8.15	2.58	8.08	4.9
2022/04/23	ME	DS2	17:21	B	10.0	12.8	0.17	23.13	28.00	84.52	6.16	7.98	7.96	13.3
2022/04/23	ME	DS2	17:22	M	5.9	166.7	0.42	23.35	27.28	88.58	6.45	4.08	7.98	5.7
2022/04/23	ME	DS2	17:23	T	1.0	108.5	0.89	24.11	26.22	98.87	7.15	2.38	8.00	7.0
2022/04/23	ME	DS2	17:23	B	10.3	106.7	0.36	23.14	27.96	84.70	6.17	7.38	7.96	14.0
2022/04/23	ME	DS2	17:24	M	6.1	159.3	0.49	23.32	27.36	87.96	6.41	4.38	7.97	5.7
2022/04/23	ME	DS2	17:25	T	1.2	95.4	0.77	24.23	26.29	98.35	7.09	2.58	8.00	6.7
2022/04/23	ME	DS3	17:30	B	12.1	90.2	0.37	23.18	27.76	84.52	6.16	8.38	7.97	11.8
2022/04/23	ME	DS3	17:30	M	7.0	76.6	0.64	23.22	27.62	86.00	6.27	5.68	7.97	10.1
2022/04/23	ME	DS3	17:31	T	1.1	144.5	1.09	24.31	25.75	102.02	7.37	2.68	8.04	7.9
2022/04/23	ME	DS3	17:32	B	12.0	88.9	0.48	23.17	27.77	84.89	6.19	8.38	7.96	12.2
2022/04/23	ME	DS3	17:32	M	7.0	81.4	0.43	23.26	27.52	86.57	6.31	5.28	7.97	10.1
2022/04/23	ME	DS3	17:33	T	1.1	113.2	1.09	24.46	25.81	106.84	7.69	2.58	8.04	8.3
2022/04/23	ME	DS4	17:38	B	7.9	51.5	0.43	23.23	27.53	86.99	6.34	6.88	7.97	11.5
2022/04/23	ME	DS4	17:39	M	4.9	57.0	0.99	23.42	27.13	89.95	6.55	3.98	7.98	6.1
2022/04/23	ME	DS4	17:39	T	1.1	91.8	0.61	24.45	25.82	107.34	7.73	2.38	8.05	4.0
2022/04/23	ME	DS4	17:40	B	7.9	102.4	0.48	23.23	27.51	86.67	6.32	7.18	7.97	11.6
2022/04/23	ME	DS4	17:41	M	5.1	155.2	0.34	23.36	27.21	88.34	6.44	4.68	7.98	6.0
2022/04/23	ME	DS4	17:41	T	1.0	59.5	0.49	24.48	25.70	106.52	7.67	2.58	8.06	3.9
2022/04/23	ME	DS5	17:46	B	8.0	71.4	0.49	23.22	27.65	86.89	6.33	7.88	7.96	12.6
2022/04/23	ME	DS5	17:46	M	4.8	109.0	0.38	23.54	27.03	91.13	6.63	4.88	7.98	9.3
2022/04/23	ME	DS5	17:47	T	1.0	130.4	0.60	24.34	26.09	103.76	7.48	2.48	8.03	7.9
2022/04/23	ME	DS5	17:48	B	8.2	45.8	0.53	23.24	27.53	86.57	6.31	8.68	7.96	12.2
2022/04/23	ME	DS5	17:48	M	5.1	49.9	0.41	23.33	27.25	87.75	6.40	6.48	7.97	9.2
2022/04/23	ME	DS5	17:49	T	1.2	122.7	0.83	24.26	26.17	103.34	7.45	2.58	8.02	8.0
2022/04/23	ME	MW1	18:26	B	19.1	47.2	0.81	23.30	29.26	90.91	6.55	2.38	7.99	5.4
2022/04/23	ME	MW1	18:27	M	10.3	73.9	0.69	23.40	28.92	92.28	6.65	1.88	7.99	4.8
2022/04/23	ME	MW1	18:28	T	1.1	95.8	0.73	24.10	27.80	105.13	7.53	1.58	8.04	3.3
2022/04/23	ME	MW1	18:29	B	18.9	31.7	0.20	23.34	29.10	91.76	6.62	1.98	7.98	5.4
2022/04/23	ME	MW1	18:30	M	10.4	117.8	0.54	23.29	29.21	91.46	6.60	2.18	7.98	4.8
2022/04/23	ME	MW1	18:31	T	1.4	77.4	0.59	24.14	27.72	105.48	7.56	1.48	8.03	3.4

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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)
2022/04/23	MF	MW1	04:40	B	19.1	328.2	0.51	22.67	30.89	81.00	5.85	3.68	8.04	6.7
2022/04/23	MF	MW1	04:41	M	10.5	240.6	0.28	22.76	30.26	81.80	5.92	3.08	8.04	6.2
2022/04/23	MF	MW1	04:42	T	1.0	311.0	0.14	22.92	29.29	83.51	6.06	2.48	8.03	4.9
2022/04/23	MF	MW1	04:43	B	18.8	88.1	0.31	22.67	30.86	81.62	5.89	3.58	8.04	6.8
2022/04/23	MF	MW1	04:44	M	10.8	10.6	0.10	22.76	30.23	81.62	5.91	3.28	8.03	6.2
2022/04/23	MF	MW1	04:45	T	1.0	245.4	0.39	23.01	28.83	84.53	6.14	2.38	8.03	5.1
2022/04/23	MF	DS1	05:58	B	9.1	179.4	0.30	23.02	28.24	84.94	6.19	3.28	7.99	6.2
2022/04/23	MF	DS1	05:59	M	5.5	80.4	0.18	23.22	27.62	87.26	6.36	3.08	8.00	5.1
2022/04/23	MF	DS1	05:59	T	1.2	114.9	0.26	23.84	24.99	89.69	6.56	2.88	7.97	4.9
2022/04/23	MF	DS1	06:01	B	9.1	298.8	0.56	23.12	27.93	86.98	6.34	3.88	7.99	6.3
2022/04/23	MF	DS1	06:02	M	5.5	180.0	0.34	23.23	27.59	87.39	6.37	3.08	7.99	5.2
2022/04/23	MF	DS1	06:03	T	1.1	93.2	0.82	23.67	25.54	86.99	6.36	3.18	7.97	4.9
2022/04/23	MF	DS2	06:07	B	8.0	228.3	0.35	23.15	27.81	87.12	6.35	3.18	7.96	9.0
2022/04/23	MF	DS2	06:08	M	4.9	11.6	0.18	23.22	27.62	87.23	6.36	3.08	7.97	2.4
2022/04/23	MF	DS2	06:08	T	1.2	80.7	0.59	23.81	25.02	89.05	6.52	2.78	7.95	4.5
2022/04/23	MF	DS2	06:09	B	8.0	103.1	0.65	23.13	27.88	86.43	6.30	3.28	7.97	9.3
2022/04/23	MF	DS2	06:10	M	5.1	88.2	0.25	23.25	27.52	87.24	6.36	3.08	7.98	2.4
2022/04/23	MF	DS2	06:10	T	0.9	120.3	0.28	23.90	24.08	90.58	6.65	2.78	7.96	4.7
2022/04/23	MF	DS3	06:15	B	7.9	225.6	0.57	23.11	27.88	84.96	6.19	3.88	7.96	6.6
2022/04/23	MF	DS3	06:16	M	4.9	100.1	0.13	23.26	27.46	86.58	6.31	3.38	7.97	5.9
2022/04/23	MF	DS3	06:17	T	1.0	282.5	0.08	23.80	25.02	89.11	6.52	2.78	7.95	4.9
2022/04/23	MF	DS3	06:17	B	7.9	261.6	0.09	23.14	27.81	85.98	6.27	3.18	7.96	6.6
2022/04/23	MF	DS3	06:18	M	4.9	80.7	0.37	23.35	27.20	87.40	6.37	3.28	7.97	6.1
2022/04/23	MF	DS3	06:18	T	1.1	125.4	0.57	23.82	24.73	90.33	6.62	2.58	7.96	5.0
2022/04/23	MF	DS4	06:23	B	8.0	315.7	0.42	23.19	27.74	85.72	6.24	3.98	7.96	5.7
2022/04/23	MF	DS4	06:24	M	5.1	316.3	0.21	23.45	27.00	87.54	6.38	3.38	7.97	5.8
2022/04/23	MF	DS4	06:24	T	0.9	155.8	0.51	23.79	24.52	92.10	6.76	2.48	7.98	6.6
2022/04/23	MF	DS4	06:25	B	8.0	41.6	0.34	23.18	27.75	85.03	6.20	3.88	7.96	5.5
2022/04/23	MF	DS4	06:26	M	5.0	92.4	0.45	23.52	26.63	87.36	6.37	3.28	7.97	6.0
2022/04/23	MF	DS4	06:26	T	1.1	200.7	0.49	23.81	24.29	92.72	6.82	2.38	7.97	6.5
2022/04/23	MF	DS5	06:31	B	7.9	302.2	0.13	22.97	28.28	83.14	6.06	6.08	7.95	7.7
2022/04/23	MF	DS5	06:31	M	4.9	137.8	0.45	23.56	26.11	87.19	6.37	3.68	7.95	4.8
2022/04/23	MF	DS5	06:32	T	1.2	231.6	0.29	23.73	24.90	91.45	6.71	2.88	7.96	5.3
2022/04/23	MF	DS5	06:33	B	8.0	35.6	0.26	22.96	28.29	80.93	5.90	6.68	7.93	7.8
2022/04/23	MF	DS5	06:34	M	5.0	144.6	0.58	23.56	26.17	86.60	6.32	3.88	7.94	5.0
2022/04/23	MF	DS5	06:34	T	1.2	154.6	0.55	23.72	24.94	90.86	6.66	2.88	7.94	5.4
2022/04/23	MF	US1	06:47	B	10.1	59.3	0.17	23.00	28.39	85.89	6.25	3.68	7.96	4.6
2022/04/23	MF	US1	06:48	M	5.9	329.5	0.73	23.20	27.66	87.11	6.35	2.98	7.97	6.6
2022/04/23	MF	US1	06:48	T	1.2	161.9	0.44	23.80	25.15	90.35	6.61	2.68	7.94	6.1
2022/04/23	MF	US1	06:49	B	9.9	18.2	0.40	23.03	28.32	85.50	6.23	3.38	7.96	4.5
2022/04/23	MF	US1	06:50	M	6.2	34.5	0.36	23.21	27.63	87.12	6.35	3.18	7.97	6.5
2022/04/23	MF	US1	06:50	T	1.0	93.8	0.43	23.79	25.14	89.66	6.56	2.68	7.94	6.1
2022/04/23	MF	US2	06:55	B	7.9	41.5	0.09	23.02	28.38	85.44	6.22	2.88	7.96	6.1
2022/04/23	MF	US2	06:56	M	4.9	129.9	0.78	23.21	27.69	87.07	6.34	2.98	7.97	4.8
2022/04/23	MF	US2	06:57	T	1.0	126.4	0.77	23.82	24.92	90.52	6.63	2.58	7.94	2.8
2022/04/23	MF	US2	06:57	B	8.0	48.5	0.46	23.05	28.31	86.37	6.29	2.98	7.95	6.2
2022/04/23	MF	US2	06:58	M	5.0	316.6	0.12	23.22	27.67	87.08	6.34	3.08	7.96	4.9
2022/04/23	MF	US2	06:58	T	1.1	134.3	0.34	23.75	25.36	90.12	6.59	2.98	7.95	2.8