

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)
2022/04/08	ME	US1	16:15	B	10.1	103.6	0.26	21.31	28.14	91.66	6.89	9.51	8.03	13.7
2022/04/08	ME	US1	16:16	M	5.8	114.7	0.99	21.34	28.04	88.96	6.69	9.21	8.02	11.8
2022/04/08	ME	US1	16:16	T	1.0	99.6	0.37	22.60	24.99	102.01	7.63	2.12	8.12	3.9
2022/04/08	ME	US1	16:17	B	10.1	105.3	0.30	21.31	28.15	93.74	7.05	8.91	8.03	13.3
2022/04/08	ME	US1	16:18	M	6.0	81.6	0.24	21.34	28.06	89.05	6.70	9.31	8.01	11.7
2022/04/08	ME	US1	16:18	T	1.1	119.9	0.85	22.24	25.80	98.61	7.39	2.22	8.10	3.8
2022/04/08	ME	US2	16:23	B	9.0	188.1	0.42	21.33	28.13	91.22	6.86	7.81	8.03	11.0
2022/04/08	ME	US2	16:23	M	5.7	107.9	0.90	21.43	27.86	89.63	6.73	6.31	8.04	10.9
2022/04/08	ME	US2	16:24	T	1.2	134.1	0.26	23.08	24.27	104.16	7.76	1.82	8.11	4.4
2022/04/08	ME	US2	16:25	B	9.0	133.9	0.47	21.34	28.11	95.59	7.18	6.51	8.02	11.2
2022/04/08	ME	US2	16:25	M	5.7	109.4	0.29	21.43	27.85	91.01	6.84	5.51	8.03	11.1
2022/04/08	ME	US2	16:26	T	1.1	148.5	0.61	22.41	25.33	100.37	7.52	2.02	8.11	4.2
2022/04/08	ME	DS1	16:34	B	9.7	221.8	0.27	21.27	28.45	90.87	6.83	11.81	7.99	19.7
2022/04/08	ME	DS1	16:34	M	5.9	101.8	0.61	21.33	28.09	87.88	6.61	9.11	8.01	10.2
2022/04/08	ME	DS1	16:35	T	1.1	101.3	0.62	22.56	25.43	99.03	7.39	1.72	8.10	2.8
2022/04/08	ME	DS1	16:35	B	10.3	154.9	0.24	21.24	28.65	91.76	6.89	14.81	7.99	21.0
2022/04/08	ME	DS1	16:36	M	6.1	76.8	0.68	21.34	28.04	88.27	6.64	8.01	8.01	10.3
2022/04/08	ME	DS1	16:37	T	1.1	56.8	0.10	21.93	26.49	93.44	7.01	2.22	8.04	2.7
2022/04/08	ME	DS2	16:41	B	10.1	105.7	0.51	21.27	28.44	92.93	6.98	12.81	7.99	20.8
2022/04/08	ME	DS2	16:42	M	6.1	123.1	1.03	21.34	28.02	89.14	6.70	6.71	8.01	9.6
2022/04/08	ME	DS2	16:42	T	1.0	105.8	0.53	22.21	25.91	99.79	7.48	1.62	8.09	8.3
2022/04/08	ME	DS2	16:43	B	10.0	221.2	0.39	21.29	28.39	92.52	6.95	11.71	7.99	21.3
2022/04/08	ME	DS2	16:44	M	5.8	97.5	0.71	21.42	27.60	89.43	6.73	5.31	8.02	9.8
2022/04/08	ME	DS2	16:44	T	1.1	235.0	0.23	22.80	24.93	94.60	7.05	2.02	8.07	8.6
2022/04/08	ME	DS3	16:49	B	12.3	125.3	0.47	21.34	28.54	91.70	6.87	8.91	7.95	15.9
2022/04/08	ME	DS3	16:49	M	7.1	114.3	0.42	21.34	28.15	87.22	6.55	8.71	7.98	14.5
2022/04/08	ME	DS3	16:50	T	0.9	145.3	0.47	22.43	25.61	98.75	7.38	1.62	8.07	5.2
2022/04/08	ME	DS3	16:51	B	12.0	96.2	0.27	21.33	28.61	91.49	6.86	8.41	7.96	15.2
2022/04/08	ME	DS3	16:52	M	7.0	212.4	0.28	21.35	28.10	87.41	6.57	8.51	7.98	14.8
2022/04/08	ME	DS3	16:52	T	1.0	95.4	0.47	22.51	25.50	99.44	7.43	1.72	8.07	5.2
2022/04/08	ME	DS4	16:57	B	7.9	139.7	0.83	21.41	28.11	90.07	6.76	6.81	7.95	9.6
2022/04/08	ME	DS4	16:58	M	5.0	135.6	0.48	21.40	28.04	87.38	6.56	6.41	7.96	11.2
2022/04/08	ME	DS4	16:58	T	1.0	128.7	0.49	22.20	26.08	98.81	7.40	1.62	8.07	4.7
2022/04/08	ME	DS4	16:59	B	8.1	183.7	0.08	21.41	28.09	92.15	6.92	6.71	7.96	9.8
2022/04/08	ME	DS4	17:00	M	5.2	103.2	0.32	21.46	27.78	88.07	6.62	5.41	7.98	11.3
2022/04/08	ME	DS4	17:00	T	1.0	100.3	0.71	22.37	25.75	98.80	7.39	1.52	8.07	4.8
2022/04/08	ME	DS5	17:05	B	7.0	65.9	0.44	21.45	28.16	93.41	7.00	5.31	7.95	9.8
2022/04/08	ME	DS5	17:05	M	4.7	119.2	0.64	21.51	27.75	89.73	6.74	4.62	7.96	9.9
2022/04/08	ME	DS5	17:06	T	1.1	122.9	0.84	22.39	25.71	101.06	7.56	1.42	8.06	2.6
2022/04/08	ME	DS5	17:06	B	7.2	80.9	0.35	21.45	28.20	94.79	7.11	5.11	7.95	9.2
2022/04/08	ME	DS5	17:07	M	4.6	37.4	0.11	21.50	27.74	90.32	6.78	4.92	7.96	9.7
2022/04/08	ME	DS5	17:08	T	1.0	113.6	0.46	22.30	25.87	98.17	7.35	1.72	8.06	2.6
2022/04/08	ME	MW1	17:47	B	19.0	93.0	0.16	21.51	29.31	95.69	7.12	1.02	7.98	4.6
2022/04/08	ME	MW1	17:48	M	10.5	36.7	0.54	21.72	28.73	95.78	7.12	1.02	7.99	4.6
2022/04/08	ME	MW1	17:49	T	1.0	137.6	0.16	22.33	27.51	101.33	7.51	0.92	8.04	5.4
2022/04/08	ME	MW1	17:50	B	18.8	318.6	0.07	21.45	29.44	95.18	7.08	1.42	7.99	4.4
2022/04/08	ME	MW1	17:51	M	10.7	286.2	0.22	21.73	28.71	94.98	7.06	1.12	7.99	4.7
2022/04/08	ME	MW1	17:52	T	1.0	93.6	0.65	22.25	27.61	98.84	7.33	1.02	8.03	5.3

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2022/04/08	MF	MW1	03:37	B	19.0	353.7	0.21	20.85	30.65	87.42	6.53	4.22	8.08	8.9
2022/04/08	MF	MW1	03:38	M	10.5	225.0	0.02	20.95	30.30	85.02	6.35	3.52	8.03	7.6
2022/04/08	MF	MW1	03:38	T	1.1	151.6	0.19	21.30	28.82	86.51	6.48	1.92	8.01	6.8
2022/04/08	MF	MW1	03:39	B	19.1	23.2	0.16	20.86	30.65	84.91	6.34	3.82	8.02	9.5
2022/04/08	MF	MW1	03:40	M	10.4	32.1	0.15	20.92	30.39	84.61	6.32	3.12	8.00	7.6
2022/04/08	MF	MW1	03:41	T	1.1	134.9	0.40	21.31	28.80	86.31	6.46	1.62	7.99	6.9
2022/04/08	MF	DS1	05:02	B	10.0	92.7	0.15	21.35	28.04	91.84	6.90	3.12	7.98	5.5
2022/04/08	MF	DS1	05:03	M	6.0	77.5	0.24	21.52	27.31	89.65	6.75	2.92	7.99	6.8
2022/04/08	MF	DS1	05:04	T	1.1	279.2	0.28	21.92	24.57	92.24	7.00	2.12	8.00	7.0
2022/04/08	MF	DS1	05:04	B	10.0	293.5	0.41	21.35	28.09	88.75	6.67	3.02	7.97	5.4
2022/04/08	MF	DS1	05:05	M	5.9	239.6	0.11	21.53	27.13	88.55	6.67	2.62	7.98	7.0
2022/04/08	MF	DS1	05:05	T	1.1	23.5	0.35	21.94	24.89	91.13	6.90	2.22	7.98	6.9
2022/04/08	MF	DS2	05:10	B	8.0	284.2	0.34	21.55	27.18	93.81	7.06	3.22	7.98	7.6
2022/04/08	MF	DS2	05:11	M	5.0	137.5	0.23	21.62	26.90	91.42	6.88	2.72	7.99	5.9
2022/04/08	MF	DS2	05:11	T	1.0	142.9	0.30	21.86	24.83	92.61	7.03	2.02	7.99	3.3
2022/04/08	MF	DS2	05:12	B	8.0	144.9	0.35	21.50	27.59	90.12	6.77	2.82	7.97	7.4
2022/04/08	MF	DS2	05:13	M	5.0	294.1	0.33	21.61	27.03	89.72	6.75	2.82	7.98	5.8
2022/04/08	MF	DS2	05:13	T	1.0	21.9	0.24	21.86	24.55	91.81	6.98	2.02	7.98	3.1
2022/04/08	MF	DS3	05:18	B	8.0	15.5	0.12	21.41	27.83	92.49	6.95	3.62	7.96	6.2
2022/04/08	MF	DS3	05:18	M	4.9	3.8	0.09	21.58	27.19	89.70	6.75	2.72	7.97	4.1
2022/04/08	MF	DS3	05:19	T	1.0	285.3	0.42	21.91	25.54	91.79	6.93	2.12	7.97	5.2
2022/04/08	MF	DS3	05:19	B	8.0	355.0	0.20	21.53	27.44	89.70	6.74	3.12	7.96	6.0
2022/04/08	MF	DS3	05:20	M	5.0	96.1	0.29	21.62	27.11	89.50	6.73	2.82	7.96	4.3
2022/04/08	MF	DS3	05:21	T	1.0	248.4	0.47	21.92	25.16	91.68	6.94	2.02	7.96	5.0
2022/04/08	MF	DS4	05:25	B	8.0	180.6	0.36	21.41	27.74	93.86	7.06	2.82	7.95	6.6
2022/04/08	MF	DS4	05:25	M	5.0	173.2	0.23	21.67	26.85	91.77	6.91	2.32	7.97	3.5
2022/04/08	MF	DS4	05:26	T	1.0	112.9	0.39	21.85	25.26	92.56	7.01	2.02	7.97	5.2
2022/04/08	MF	DS4	05:27	B	8.0	256.1	0.41	21.40	27.80	89.57	6.74	3.12	7.94	6.7
2022/04/08	MF	DS4	05:27	M	5.0	247.7	0.28	21.66	26.86	89.37	6.73	2.12	7.96	3.4
2022/04/08	MF	DS4	05:28	T	1.0	146.0	0.43	21.86	25.34	92.06	6.97	2.02	7.96	5.3
2022/04/08	MF	DS5	05:32	B	8.0	235.2	0.34	21.59	26.97	94.23	7.10	2.12	7.96	5.5
2022/04/08	MF	DS5	05:33	M	5.1	110.1	0.37	21.72	26.19	93.14	7.03	2.22	7.96	4.2
2022/04/08	MF	DS5	05:33	T	1.1	66.1	0.35	21.83	25.36	93.14	7.05	2.12	7.95	4.4
2022/04/08	MF	DS5	05:34	B	8.0	224.3	0.36	21.60	26.96	91.14	6.86	2.02	7.95	5.4
2022/04/08	MF	DS5	05:35	M	5.0	141.9	0.17	21.70	26.29	91.74	6.92	2.42	7.95	4.2
2022/04/08	MF	DS5	05:35	T	1.0	185.4	0.20	21.82	25.40	92.53	7.00	2.12	7.95	4.1
2022/04/08	MF	US1	05:48	B	10.0	338.8	0.41	21.29	28.27	91.10	6.85	3.02	7.93	19.2
2022/04/08	MF	US1	05:48	M	6.0	35.8	0.68	21.55	26.93	89.71	6.76	2.52	7.95	7.2
2022/04/08	MF	US1	05:49	T	1.1	82.6	0.21	21.89	25.48	91.20	6.89	2.22	7.94	5.5
2022/04/08	MF	US1	05:50	B	10.0	18.7	0.27	21.29	28.31	87.51	6.58	3.32	7.91	20.2
2022/04/08	MF	US1	05:50	M	6.0	194.8	0.25	21.55	26.96	88.01	6.63	2.42	7.94	7.3
2022/04/08	MF	US1	05:51	T	1.0	42.1	0.80	21.86	24.90	90.29	6.85	1.92	7.93	5.5
2022/04/08	MF	US2	05:55	B	8.0	293.6	0.29	21.37	28.00	93.56	7.03	2.22	7.92	11.3
2022/04/08	MF	US2	05:55	M	5.0	324.1	0.16	21.60	26.88	91.18	6.87	2.02	7.93	7.0
2022/04/08	MF	US2	05:56	T	1.0	38.5	0.21	21.76	24.62	92.27	7.02	1.72	7.92	16.5
2022/04/08	MF	US2	05:57	B	8.0	285.8	0.08	21.46	27.71	88.88	6.68	1.82	7.91	10.8
2022/04/08	MF	US2	05:57	M	5.0	200.9	0.34	21.59	26.85	89.28	6.73	2.02	7.92	6.9
2022/04/08	MF	US2	05:58	T	1.0	179.2	0.51	21.87	25.76	90.87	6.86	2.22	7.91	15.7