

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)
2022/05/25	ME	US1	10:14	B	8.1	131.6	0.78	25.40	27.08	84.27	5.93	10.31	8.00	13.1
2022/05/25	ME	US1	10:15	M	5.1	89.7	0.64	25.42	26.73	83.27	5.87	5.91	8.01	8.4
2022/05/25	ME	US1	10:16	T	1.0	118.8	0.80	25.77	21.14	99.10	7.17	2.91	8.13	5.2
2022/05/25	ME	US1	10:17	B	8.0	229.6	0.15	25.40	27.07	82.17	5.78	8.91	8.00	13.1
2022/05/25	ME	US1	10:17	M	4.4	144.3	0.53	25.45	26.20	81.77	5.78	8.91	8.03	8.8
2022/05/25	ME	US1	10:18	T	1.1	135.6	1.32	25.77	21.23	101.61	7.34	2.61	8.12	4.8
2022/05/25	ME	US2	10:24	B	12.8	134.3	0.28	25.43	26.87	83.38	5.87	22.81	8.02	18.1
2022/05/25	ME	US2	10:25	M	7.4	102.3	0.78	25.44	26.64	84.18	5.93	11.21	8.03	16.2
2022/05/25	ME	US2	10:26	T	1.2	96.8	0.72	25.88	21.65	101.32	7.29	2.81	8.13	4.4
2022/05/25	ME	US2	10:27	B	13.1	83.5	0.44	25.42	26.96	84.09	5.92	18.81	8.01	17.6
2022/05/25	ME	US2	10:28	M	7.4	108.7	0.60	25.43	26.78	84.59	5.96	9.91	8.02	15.5
2022/05/25	ME	US2	10:29	T	1.1	112.9	0.41	25.80	22.23	99.42	7.14	3.01	8.11	4.6
2022/05/25	ME	DS1	10:36	B	8.2	121.6	0.34	25.38	27.34	82.49	5.80	10.51	7.99	14.7
2022/05/25	ME	DS1	10:37	M	5.0	103.7	0.62	25.42	26.78	83.00	5.85	8.31	8.00	12.8
2022/05/25	ME	DS1	10:37	T	0.9	135.1	0.62	25.89	21.51	89.01	6.41	5.01	8.12	8.0
2022/05/25	ME	DS1	10:38	B	7.9	144.9	0.49	25.39	27.21	82.80	5.82	11.51	7.99	14.4
2022/05/25	ME	DS1	10:39	M	5.1	81.4	1.19	25.41	27.01	83.10	5.85	9.11	8.00	13.5
2022/05/25	ME	DS1	10:40	T	1.1	85.5	0.69	25.84	22.07	98.04	7.04	3.11	8.11	8.1
2022/05/25	ME	DS2	10:44	B	6.9	111.1	0.57	25.39	27.12	82.80	5.82	8.41	7.98	11.9
2022/05/25	ME	DS2	10:45	M	4.5	112.8	0.73	25.46	26.10	84.61	5.98	5.71	8.00	10.6
2022/05/25	ME	DS2	10:45	T	0.9	144.1	0.66	25.94	20.96	101.85	7.35	2.61	8.14	9.6
2022/05/25	ME	DS2	10:46	B	6.9	116.7	0.30	25.39	27.21	82.81	5.82	8.61	7.98	11.8
2022/05/25	ME	DS2	10:47	M	4.7	124.6	0.47	25.42	26.74	83.91	5.91	5.71	7.99	10.3
2022/05/25	ME	DS2	10:47	T	1.0	112.9	0.98	25.95	21.46	88.82	6.39	3.81	8.11	8.9
2022/05/25	ME	DS3	10:53	B	8.1	95.6	0.41	25.39	27.16	82.11	5.77	11.01	7.98	13.5
2022/05/25	ME	DS3	10:54	M	4.9	105.7	0.85	25.45	26.36	84.42	5.96	5.41	8.00	8.8
2022/05/25	ME	DS3	10:54	T	1.1	132.1	0.81	25.89	22.02	98.76	7.09	2.51	8.10	17.3
2022/05/25	ME	DS3	10:55	B	8.1	84.4	0.44	25.39	27.19	83.52	5.87	11.81	7.98	13.7
2022/05/25	ME	DS3	10:56	M	5.2	91.3	0.99	25.40	26.97	82.52	5.81	7.51	7.99	8.8
2022/05/25	ME	DS3	10:57	T	1.0	121.2	0.64	25.89	21.55	99.26	7.15	3.11	8.11	17.5
2022/05/25	ME	DS4	11:02	B	6.8	123.2	0.30	25.40	26.95	83.63	5.89	11.81	7.97	15.1
2022/05/25	ME	DS4	11:03	M	4.6	95.3	0.43	25.43	26.66	84.13	5.93	6.41	7.98	11.9
2022/05/25	ME	DS4	11:04	T	1.2	107.8	0.86	25.85	22.17	97.27	6.98	2.91	8.09	7.8
2022/05/25	ME	DS4	11:04	B	6.9	201.8	0.38	25.41	26.92	84.64	5.96	12.11	7.97	15.6
2022/05/25	ME	DS4	11:05	M	4.5	95.8	0.52	25.43	26.59	83.83	5.91	7.41	7.99	12.8
2022/05/25	ME	DS4	11:05	T	1.2	114.5	0.60	25.76	23.18	94.77	6.77	2.91	8.06	7.7
2022/05/25	ME	DS5	11:11	B	5.8	11.5	0.12	25.41	26.91	83.64	5.89	9.31	7.97	16.2
2022/05/25	ME	DS5	11:11	M	4.1	118.6	0.62	25.45	26.28	84.24	5.95	7.11	7.99	13.1
2022/05/25	ME	DS5	11:12	T	1.1	135.9	0.81	25.80	23.10	91.97	6.57	3.41	8.06	7.7
2022/05/25	ME	DS5	11:13	B	6.0	97.5	0.43	25.41	26.90	83.74	5.90	9.41	7.98	16.3
2022/05/25	ME	DS5	11:13	M	4.2	89.1	0.47	25.44	26.48	83.74	5.91	7.81	7.99	12.0
2022/05/25	ME	DS5	11:14	T	1.2	131.4	0.64	25.79	22.91	95.38	6.83	3.21	8.06	7.8
2022/05/25	ME	MW1	08:46	B	20.1	50.6	0.28	25.12	31.03	85.36	5.90	5.31	8.08	13.2
2022/05/25	ME	MW1	08:47	M	11.0	223.6	0.15	25.15	30.55	85.66	5.93	3.81	8.08	5.7
2022/05/25	ME	MW1	08:47	T	1.3	67.1	0.21	25.28	29.20	85.86	5.98	3.31	8.09	7.4
2022/05/25	ME	MW1	08:49	B	20.1	35.3	0.68	25.12	31.03	85.46	5.91	4.11	8.08	13.9
2022/05/25	ME	MW1	08:49	M	11.1	210.2	0.17	25.15	30.51	85.96	5.96	3.61	8.09	5.7
2022/05/25	ME	MW1	08:50	T	1.2	30.0	0.47	25.26	29.43	87.46	6.09	2.61	8.09	7.7

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2022/05/25	MF	MW1	16:07	B	19.0	276.6	0.37	25.15	31.24	85.56	5.90	7.11	8.07	8.8
2022/05/25	MF	MW1	16:08	M	10.6	275.9	0.59	25.17	30.58	84.86	5.88	6.71	8.07	13.3
2022/05/25	MF	MW1	16:08	T	1.1	295.9	0.57	25.53	27.92	88.47	6.18	3.11	8.09	5.7
2022/05/25	MF	MW1	16:09	B	19.1	26.4	0.63	25.16	31.16	84.56	5.84	6.71	8.07	9.0
2022/05/25	MF	MW1	16:10	M	10.4	246.2	0.21	25.23	30.18	84.36	5.85	5.61	8.07	12.6
2022/05/25	MF	MW1	16:11	T	1.1	178.0	0.03	25.59	27.64	89.87	6.28	2.31	8.09	5.5
2022/05/25	MF	DS1	14:02	B	9.1	286.5	0.33	25.41	27.01	82.64	5.81	7.31	8.07	11.3
2022/05/25	MF	DS1	14:02	M	5.4	42.9	0.29	25.54	25.04	84.84	6.02	5.91	8.08	9.3
2022/05/25	MF	DS1	14:03	T	1.2	105.6	0.24	25.92	23.31	93.55	6.66	3.41	8.12	8.5
2022/05/25	MF	DS1	14:04	B	9.0	282.9	0.32	25.41	27.34	84.44	5.93	6.41	8.07	11.1
2022/05/25	MF	DS1	14:04	M	5.5	316.1	0.12	25.56	24.95	85.34	6.06	5.51	8.08	9.2
2022/05/25	MF	DS1	14:05	T	1.0	201.1	0.16	25.86	23.86	91.05	6.47	3.71	8.11	8.8
2022/05/25	MF	DS2	14:10	B	7.9	339.7	0.63	25.50	25.97	84.65	5.98	6.71	8.08	11.5
2022/05/25	MF	DS2	14:11	M	5.0	38.1	0.44	25.64	25.06	86.55	6.13	5.21	8.08	12.3
2022/05/25	MF	DS2	14:11	T	1.1	347.4	0.57	25.85	23.57	91.65	6.53	3.01	8.10	6.7
2022/05/25	MF	DS2	14:12	B	7.8	331.5	0.28	25.49	26.10	84.25	5.95	6.41	8.08	11.7
2022/05/25	MF	DS2	14:13	M	5.0	275.7	0.14	25.68	24.93	87.15	6.18	4.71	8.09	12.5
2022/05/25	MF	DS2	14:13	T	1.2	44.0	0.17	25.84	23.46	90.86	6.48	3.61	8.10	6.7
2022/05/25	MF	DS3	14:20	B	8.1	139.5	0.73	25.46	26.36	83.26	5.87	8.41	8.07	14.0
2022/05/25	MF	DS3	14:20	M	4.9	271.1	0.05	25.61	25.27	85.76	6.07	5.11	8.08	9.5
2022/05/25	MF	DS3	14:21	T	1.0	4.7	0.22	25.84	22.65	85.96	6.15	4.81	8.10	9.1
2022/05/25	MF	DS3	14:22	B	8.3	279.9	0.23	25.46	26.35	83.06	5.86	8.21	8.07	14.8
2022/05/25	MF	DS3	14:22	M	4.8	335.3	0.56	25.67	24.89	86.36	6.12	5.11	8.09	9.4
2022/05/25	MF	DS3	14:23	T	1.1	157.5	0.35	25.79	23.45	90.46	6.45	3.41	8.10	8.8
2022/05/25	MF	DS4	14:30	B	8.0	250.9	0.36	25.44	26.65	81.76	5.76	7.91	8.06	12.2
2022/05/25	MF	DS4	14:31	M	5.0	0.0	0.75	25.60	25.44	82.07	5.81	6.61	8.08	8.0
2022/05/25	MF	DS4	14:31	T	1.1	169.9	0.77	25.77	22.86	90.47	6.48	3.11	8.10	8.8
2022/05/25	MF	DS4	14:32	B	8.1	342.1	0.25	25.49	26.12	84.07	5.94	6.31	8.07	12.6
2022/05/25	MF	DS4	14:33	M	5.0	247.6	0.17	25.64	25.19	87.07	6.17	4.41	8.09	8.2
2022/05/25	MF	DS4	14:33	T	1.2	5.9	0.15	25.99	21.71	94.18	6.76	3.11	8.15	9.3
2022/05/25	MF	DS5	14:40	B	8.2	333.5	0.55	25.50	25.91	85.08	6.01	6.71	8.06	10.2
2022/05/25	MF	DS5	14:41	M	5.0	277.1	0.04	25.59	25.52	84.98	6.01	5.51	8.07	8.0
2022/05/25	MF	DS5	14:41	T	0.9	315.8	0.16	26.19	19.70	99.49	7.20	3.11	8.20	12.9
2022/05/25	MF	DS5	14:42	B	8.2	305.1	0.40	25.52	25.79	86.88	6.14	5.31	8.07	10.2
2022/05/25	MF	DS5	14:43	M	4.8	328.6	0.18	25.61	25.39	86.78	6.14	4.61	8.07	8.2
2022/05/25	MF	DS5	14:43	T	1.0	313.5	0.22	25.71	24.04	89.28	6.36	3.51	8.08	12.7
2022/05/25	MF	US1	14:57	B	9.2	219.4	0.67	25.24	29.08	80.49	5.61	11.81	8.05	17.6
2022/05/25	MF	US1	14:57	M	5.5	359.8	0.33	25.57	25.42	85.59	6.06	6.11	8.09	7.9
2022/05/25	MF	US1	14:58	T	0.8	342.2	0.56	26.44	22.49	103.51	7.34	3.31	8.17	7.3
2022/05/25	MF	US1	14:59	B	8.9	321.0	0.46	25.63	24.84	89.80	6.37	4.91	8.09	17.5
2022/05/25	MF	US1	15:00	M	5.5	266.3	0.45	25.71	24.33	90.40	6.43	4.41	8.10	8.4
2022/05/25	MF	US1	15:00	T	1.1	259.3	0.61	26.60	21.86	104.62	7.43	3.11	8.20	7.4
2022/05/25	MF	US2	15:05	B	8.2	304.8	0.29	25.36	27.77	84.70	5.94	6.11	8.06	11.0
2022/05/25	MF	US2	15:06	M	5.2	346.9	0.39	25.66	24.88	83.30	5.91	6.41	8.09	9.3
2022/05/25	MF	US2	15:07	T	1.1	255.3	0.39	26.36	22.08	99.72	7.10	2.41	8.15	5.4
2022/05/25	MF	US2	15:08	B	7.7	293.8	0.64	25.34	28.02	84.30	5.91	6.11	8.06	10.9
2022/05/25	MF	US2	15:08	M	4.9	313.6	0.20	25.65	25.01	87.11	6.17	5.41	8.10	9.2
2022/05/25	MF	US2	15:09	T	1.2	261.7	0.51	26.44	21.85	97.62	6.95	2.71	8.16	5.5