

## 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)
2022/05/30	ME	US1	13:07	B	8.8	105.1	0.87	26.57	21.29	78.55	5.60	14.51	7.93	14.6
2022/05/30	ME	US1	13:08	M	5.7	113.5	0.58	26.62	20.97	77.95	5.56	7.71	7.93	9.1
2022/05/30	ME	US1	13:09	T	1.3	98.4	1.02	27.97	14.56	85.60	6.18	5.81	8.01	5.3
2022/05/30	ME	US1	13:10	B	9.2	106.9	0.40	26.54	21.51	77.05	5.49	17.01	7.94	14.6
2022/05/30	ME	US1	13:11	M	5.7	116.3	0.59	26.60	21.10	77.25	5.51	13.71	7.93	9.1
2022/05/30	ME	US1	13:11	T	1.2	115.7	1.56	27.61	15.42	91.56	6.62	5.01	8.00	5.2
2022/05/30	ME	US2	13:19	B	8.1	144.4	0.30	26.60	21.10	76.68	5.47	26.61	7.93	14.7
2022/05/30	ME	US2	13:20	M	5.3	94.9	0.80	26.62	21.01	76.78	5.47	17.01	7.93	10.4
2022/05/30	ME	US2	13:21	T	1.2	133.7	1.06	27.64	16.01	89.18	6.43	5.81	7.98	4.4
2022/05/30	ME	US2	13:21	B	8.0	82.0	0.52	26.58	21.24	77.69	5.54	24.01	7.93	14.6
2022/05/30	ME	US2	13:22	M	5.2	142.9	0.98	26.63	20.98	76.79	5.47	18.71	7.93	10.5
2022/05/30	ME	US2	13:22	T	1.2	112.8	1.35	27.63	16.07	89.79	6.47	5.51	7.98	4.4
2022/05/30	ME	DS1	13:29	B	9.1	157.5	0.58	26.51	21.83	77.92	5.54	16.81	7.93	14.2
2022/05/30	ME	DS1	13:30	M	5.7	87.5	0.50	26.58	21.28	77.12	5.49	16.81	7.92	13.1
2022/05/30	ME	DS1	13:31	T	1.3	107.7	1.26	27.53	16.46	90.22	6.50	5.41	7.97	4.4
2022/05/30	ME	DS1	13:31	B	9.1	112.6	0.62	26.46	22.44	77.32	5.48	15.01	7.93	13.9
2022/05/30	ME	DS1	13:32	M	5.6	113.8	0.52	26.58	21.26	76.72	5.47	17.71	7.93	13.3
2022/05/30	ME	DS1	13:33	T	1.4	105.0	0.73	27.56	16.46	90.13	6.49	5.01	7.97	4.4
2022/05/30	ME	DS2	13:38	B	9.0	104.9	0.51	26.39	23.18	78.05	5.52	15.81	7.94	10.7
2022/05/30	ME	DS2	13:39	M	5.6	85.1	0.76	26.59	21.18	77.85	5.55	13.11	7.92	9.6
2022/05/30	ME	DS2	13:40	T	1.2	121.5	0.98	27.31	18.09	87.03	6.23	4.91	7.95	6.4
2022/05/30	ME	DS2	13:40	B	9.2	64.7	0.46	26.39	23.17	77.56	5.48	16.91	7.94	11.1
2022/05/30	ME	DS2	13:41	M	6.0	11.9	0.55	26.60	21.20	77.86	5.55	13.21	7.93	10.0
2022/05/30	ME	DS2	13:42	T	1.2	19.9	0.41	27.52	16.86	88.45	6.36	5.31	7.97	6.6
2022/05/30	ME	DS3	13:47	B	12.0	21.7	0.30	26.34	23.94	77.08	5.43	19.81	7.95	15.7
2022/05/30	ME	DS3	13:48	M	7.3	108.5	0.39	26.53	21.85	77.58	5.51	11.21	7.94	12.3
2022/05/30	ME	DS3	13:49	T	1.3	145.9	0.98	27.50	16.85	90.20	6.48	4.51	7.97	5.1
2022/05/30	ME	DS3	13:50	B	12.0	355.2	0.32	26.37	23.53	77.49	5.47	19.61	7.95	15.4
2022/05/30	ME	DS3	13:51	M	7.1	109.0	0.54	26.54	21.65	77.19	5.49	13.71	7.93	12.0
2022/05/30	ME	DS3	13:52	T	0.6	104.8	1.24	28.09	14.97	97.57	7.02	4.41	8.05	5.0
2022/05/30	ME	DS4	13:57	B	8.3	144.1	0.55	26.55	21.72	79.23	5.63	15.01	7.93	14.8
2022/05/30	ME	DS4	13:57	M	5.4	102.2	0.91	26.69	20.89	79.94	5.70	9.01	7.93	9.4
2022/05/30	ME	DS4	13:58	T	1.5	90.4	1.37	27.52	16.81	91.44	6.57	4.81	7.98	6.3
2022/05/30	ME	DS4	13:59	B	8.0	48.8	0.57	26.57	21.55	77.92	5.54	15.71	7.93	15.0
2022/05/30	ME	DS4	14:00	M	5.3	96.1	1.13	26.66	21.00	79.14	5.64	10.41	7.92	9.2
2022/05/30	ME	DS4	14:00	T	1.1	102.2	1.26	27.54	16.73	92.16	6.62	4.71	7.98	6.4
2022/05/30	ME	DS5	14:06	B	7.1	45.4	0.68	26.67	20.81	81.08	5.78	15.21	7.92	13.9
2022/05/30	ME	DS5	14:06	M	4.8	80.3	0.54	26.76	20.44	81.08	5.79	9.91	7.92	12.5
2022/05/30	ME	DS5	14:07	T	1.4	96.3	1.16	27.60	16.58	92.69	6.66	4.81	7.97	5.3
2022/05/30	ME	DS5	14:07	B	6.9	83.0	0.64	26.68	20.76	81.59	5.82	14.51	7.92	13.8
2022/05/30	ME	DS5	14:08	M	4.4	106.7	0.42	27.40	17.33	86.94	6.24	7.21	7.96	12.0
2022/05/30	ME	DS5	14:09	T	1.2	59.0	1.38	27.71	16.28	90.88	6.53	5.11	7.98	5.5
2022/05/30	ME	MW1	11:36	B	19.1	24.4	0.32	26.00	28.28	82.75	5.72	6.31	8.01	9.0
2022/05/30	ME	MW1	11:37	M	10.8	0.0	0.48	26.65	23.37	87.67	6.16	3.51	8.02	6.3
2022/05/30	ME	MW1	11:38	T	1.0	93.1	0.62	27.56	17.57	98.10	7.02	2.51	8.06	3.4
2022/05/30	ME	MW1	11:39	B	19.3	340.2	0.16	25.97	28.46	82.26	5.69	5.81	8.02	9.2
2022/05/30	ME	MW1	11:40	M	10.4	334.1	0.12	26.77	22.64	88.18	6.21	3.61	8.04	6.4
2022/05/30	ME	MW1	11:41	T	0.8	63.5	0.88	27.14	18.82	95.50	6.83	2.91	8.07	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)
2022/05/30	MF	MW1	20:32	B	18.9	242.9	0.58	25.90	29.43	84.85	5.84	12.01	8.00	13.5
2022/05/30	MF	MW1	20:33	M	10.6	149.0	0.38	26.19	27.53	84.04	5.82	7.91	7.99	10.1
2022/05/30	MF	MW1	20:34	T	1.2	55.7	0.22	26.57	23.65	83.64	5.88	4.71	7.95	5.9
2022/05/30	MF	MW1	20:35	B	18.9	175.9	0.38	25.86	29.57	83.65	5.76	13.11	7.99	13.5
2022/05/30	MF	MW1	20:36	M	10.4	58.5	0.30	26.16	27.36	82.84	5.74	9.41	7.98	9.8
2022/05/30	MF	MW1	20:37	T	1.0	144.3	0.29	26.53	24.37	84.06	5.89	4.71	7.96	5.8
2022/05/30	MF	DS1	18:34	B	9.2	319.7	0.42	26.37	23.90	77.08	5.43	17.01	7.92	12.5
2022/05/30	MF	DS1	18:35	M	5.5	281.3	0.63	27.10	17.34	81.30	5.87	7.81	7.91	7.4
2022/05/30	MF	DS1	18:35	T	1.3	354.3	0.56	28.10	11.30	97.76	7.17	5.11	8.02	5.5
2022/05/30	MF	DS1	18:36	B	9.5	301.0	0.37	26.34	24.07	75.29	5.30	19.41	7.94	12.8
2022/05/30	MF	DS1	18:37	M	5.6	253.7	0.38	26.94	18.62	78.90	5.67	8.31	7.92	7.6
2022/05/30	MF	DS1	18:37	T	1.1	45.7	0.23	28.14	11.23	96.77	7.10	5.31	8.03	5.5
2022/05/30	MF	DS2	18:42	B	8.0	307.5	0.82	26.63	21.38	80.54	5.73	9.21	7.92	9.8
2022/05/30	MF	DS2	18:43	M	4.9	263.9	0.38	27.22	15.75	78.13	5.68	8.81	7.93	6.8
2022/05/30	MF	DS2	18:43	T	1.0	47.9	0.69	28.22	11.47	98.72	7.22	5.11	8.03	5.7
2022/05/30	MF	DS2	18:46	B	7.8	290.4	0.65	26.65	21.18	76.64	5.46	10.51	7.93	10.1
2022/05/30	MF	DS2	18:46	M	5.2	8.2	0.50	27.24	16.58	82.87	5.99	6.81	7.93	6.6
2022/05/30	MF	DS2	18:47	T	1.1	37.7	0.65	28.14	10.65	97.64	7.19	5.21	8.03	5.7
2022/05/30	MF	DS3	18:52	B	7.8	264.9	0.29	26.56	21.93	78.98	5.61	18.31	7.91	21.6
2022/05/30	MF	DS3	18:52	M	5.1	302.8	0.70	27.56	14.52	85.91	6.25	7.11	7.93	3.8
2022/05/30	MF	DS3	18:53	T	0.8	13.7	0.18	28.11	10.60	88.73	6.54	5.21	8.02	4.8
2022/05/30	MF	DS3	18:53	B	7.7	306.8	0.32	26.52	22.39	78.28	5.55	22.71	7.91	22.0
2022/05/30	MF	DS3	18:54	M	4.8	315.6	0.59	27.50	14.61	85.42	6.22	6.41	7.93	3.9
2022/05/30	MF	DS3	18:55	T	1.0	294.1	0.15	28.11	10.65	98.09	7.22	5.21	8.03	4.9
2022/05/30	MF	DS4	18:59	B	7.1	294.4	0.78	26.66	20.81	78.81	5.62	10.91	7.91	11.1
2022/05/30	MF	DS4	19:00	M	4.6	254.9	0.12	27.34	16.35	83.95	6.07	6.51	7.92	6.6
2022/05/30	MF	DS4	19:01	T	1.1	314.1	0.53	28.39	11.73	101.64	7.40	5.31	8.06	6.6
2022/05/30	MF	DS4	19:01	B	7.0	275.3	0.63	26.69	20.71	80.94	5.77	9.61	7.90	11.2
2022/05/30	MF	DS4	19:02	M	4.4	193.3	0.37	27.48	15.51	84.26	6.10	5.81	7.92	6.3
2022/05/30	MF	DS4	19:02	T	1.1	199.2	0.60	28.40	11.72	100.65	7.33	5.21	8.05	6.6
2022/05/30	MF	DS5	19:07	B	7.1	346.4	0.79	26.80	20.05	82.17	5.87	8.71	7.90	9.2
2022/05/30	MF	DS5	19:08	M	4.5	42.9	0.40	27.56	14.49	79.66	5.80	7.51	7.91	6.4
2022/05/30	MF	DS5	19:08	T	1.0	288.2	0.14	28.27	11.45	98.27	7.18	5.41	8.01	6.4
2022/05/30	MF	DS5	19:09	B	6.9	247.7	0.26	26.90	19.21	82.18	5.89	8.21	7.89	9.6
2022/05/30	MF	DS5	19:10	M	4.4	324.9	0.65	27.61	14.40	85.20	6.20	5.71	7.90	6.3
2022/05/30	MF	DS5	19:10	T	1.0	250.4	0.70	28.26	11.32	97.58	7.14	5.41	8.00	6.6
2022/05/30	MF	US1	19:24	B	9.2	283.0	0.59	26.36	24.11	77.93	5.48	15.21	7.92	12.4
2022/05/30	MF	US1	19:25	M	5.6	292.7	1.07	27.02	18.81	81.96	5.88	7.71	7.93	7.0
2022/05/30	MF	US1	19:25	T	1.0	29.3	0.62	27.94	10.94	93.55	6.90	5.11	7.96	5.0
2022/05/30	MF	US1	19:26	B	8.7	281.9	0.80	26.54	22.47	78.34	5.55	10.01	7.92	11.9
2022/05/30	MF	US1	19:27	M	5.7	281.6	0.56	27.28	16.65	85.30	6.16	5.91	7.93	7.2
2022/05/30	MF	US1	19:27	T	1.1	345.2	0.24	28.00	10.44	96.78	7.15	4.81	7.99	5.1
2022/05/30	MF	US2	19:33	B	7.9	218.4	0.45	26.52	22.90	78.58	5.55	20.81	7.92	25.1
2022/05/30	MF	US2	19:33	M	4.9	278.3	0.79	26.67	21.81	79.69	5.65	11.71	7.93	12.7
2022/05/30	MF	US2	19:34	T	1.1	298.1	0.89	27.61	13.75	89.06	6.50	6.21	7.94	6.2
2022/05/30	MF	US2	19:35	B	8.1	275.3	1.13	26.54	22.84	78.79	5.57	18.11	7.92	25.0
2022/05/30	MF	US2	19:35	M	5.2	278.9	0.93	26.79	21.11	80.81	5.74	10.91	7.93	12.6
2022/05/30	MF	US2	19:36	T	1.0	290.5	0.89	27.65	13.10	90.59	6.63	5.21	7.94	6.3