

## 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)
2022/04/01	ME	US1	11:58	B	10.1	121.8	0.23	21.06	28.95	86.65	6.51	11.51	7.97	14.7
2022/04/01	ME	US1	11:58	M	6.0	97.2	0.41	21.15	28.47	85.95	6.47	8.81	7.97	9.8
2022/04/01	ME	US1	11:59	T	1.1	72.0	0.41	21.58	26.37	86.86	6.57	4.82	7.94	5.1
2022/04/01	ME	US1	12:00	B	9.8	110.8	0.39	21.06	28.97	85.96	6.46	11.61	7.97	14.4
2022/04/01	ME	US1	12:01	M	6.1	88.5	0.47	21.15	28.48	85.66	6.45	7.71	7.96	10.2
2022/04/01	ME	US1	12:01	T	0.9	109.7	0.27	21.57	26.37	86.96	6.57	4.62	7.93	5.2
2022/04/01	ME	US2	12:06	B	9.1	175.6	0.66	21.02	29.21	90.07	6.77	9.11	7.97	12.1
2022/04/01	ME	US2	12:07	M	5.4	43.5	0.21	21.25	28.08	87.77	6.61	6.31	7.97	7.2
2022/04/01	ME	US2	12:08	T	1.3	69.2	0.46	21.53	26.71	88.47	6.68	5.31	7.95	5.8
2022/04/01	ME	US2	12:08	B	8.8	190.7	0.10	21.03	29.12	86.17	6.47	7.61	7.97	12.1
2022/04/01	ME	US2	12:09	M	5.4	64.2	0.52	21.30	27.79	86.57	6.52	6.01	7.96	7.3
2022/04/01	ME	US2	12:10	T	1.1	97.4	0.82	21.53	26.72	87.67	6.62	5.11	7.94	6.1
2022/04/01	ME	DS1	12:17	B	10.1	112.4	0.49	21.02	29.19	90.28	6.78	9.41	7.98	12.3
2022/04/01	ME	DS1	12:18	M	6.0	110.2	0.84	21.18	28.37	87.28	6.57	7.81	7.97	8.7
2022/04/01	ME	DS1	12:18	T	1.1	130.1	0.78	21.59	26.30	88.08	6.66	4.32	7.94	4.8
2022/04/01	ME	DS1	12:19	B	10.0	155.7	0.26	21.02	29.19	85.88	6.45	9.01	7.97	12.4
2022/04/01	ME	DS1	12:20	M	5.9	122.9	0.47	21.18	28.40	86.18	6.48	8.21	7.97	8.3
2022/04/01	ME	DS1	12:20	T	1.1	95.2	0.64	21.63	26.09	87.78	6.64	4.22	7.94	5.0
2022/04/01	ME	DS2	12:25	B	8.0	80.2	0.50	21.04	29.05	90.59	6.81	6.91	7.97	8.4
2022/04/01	ME	DS2	12:26	M	5.0	112.2	0.99	21.22	28.24	86.99	6.55	8.71	7.96	11.5
2022/04/01	ME	DS2	12:27	T	0.9	120.3	0.73	21.54	26.57	88.09	6.66	4.52	7.94	6.4
2022/04/01	ME	DS2	12:27	B	8.0	156.0	0.42	21.04	29.06	86.29	6.48	7.71	7.96	8.1
2022/04/01	ME	DS2	12:28	M	5.0	148.0	0.28	21.27	28.10	86.59	6.52	6.21	7.96	11.4
2022/04/01	ME	DS2	12:29	T	1.0	110.5	0.59	21.58	26.38	87.59	6.62	4.22	7.93	6.2
2022/04/01	ME	DS3	12:33	B	13.2	356.8	0.30	20.87	29.90	88.80	6.66	8.41	7.98	13.1
2022/04/01	ME	DS3	12:34	M	7.6	181.4	0.46	21.08	28.86	86.19	6.48	6.31	7.97	9.2
2022/04/01	ME	DS3	12:35	T	1.1	122.7	0.61	21.25	28.30	87.30	6.56	5.21	7.97	5.8
2022/04/01	ME	DS3	12:35	B	13.1	18.6	0.23	20.88	29.85	85.19	6.39	7.71	7.97	13.2
2022/04/01	ME	DS3	12:36	M	7.6	62.0	0.33	21.08	28.85	85.30	6.41	6.91	7.97	9.2
2022/04/01	ME	DS3	12:37	T	1.1	111.9	0.56	21.62	26.20	87.70	6.63	4.02	7.94	5.7
2022/04/01	ME	DS4	12:41	B	8.2	54.0	0.34	20.85	29.95	89.01	6.68	7.91	7.98	12.7
2022/04/01	ME	DS4	12:42	M	5.3	109.8	0.43	21.13	28.74	87.10	6.55	5.41	7.97	7.2
2022/04/01	ME	DS4	12:43	T	1.2	107.3	0.63	21.28	28.33	88.11	6.62	4.72	7.98	5.6
2022/04/01	ME	DS4	12:43	B	8.2	94.2	0.45	20.87	29.90	85.80	6.44	7.61	7.98	12.6
2022/04/01	ME	DS4	12:44	M	5.1	111.7	1.09	21.12	28.65	85.90	6.46	6.21	7.97	7.2
2022/04/01	ME	DS4	12:45	T	1.1	54.5	0.58	21.24	28.35	87.31	6.56	5.01	7.97	5.7
2022/04/01	ME	DS5	12:50	B	7.1	67.7	0.46	20.96	29.49	89.92	6.75	6.31	7.99	8.9
2022/04/01	ME	DS5	12:51	M	4.6	88.7	0.55	21.26	28.42	88.72	6.67	5.11	7.98	5.4
2022/04/01	ME	DS5	12:51	T	1.2	125.5	0.28	21.33	28.20	89.72	6.74	4.82	7.98	7.6
2022/04/01	ME	DS5	12:52	B	7.1	68.1	0.57	20.96	29.48	86.61	6.50	6.41	7.98	9.1
2022/04/01	ME	DS5	12:53	M	4.6	110.1	0.69	21.22	28.45	86.82	6.53	4.82	7.97	5.4
2022/04/01	ME	DS5	12:53	T	1.1	103.5	0.56	21.37	28.13	89.02	6.69	4.52	7.98	7.6
2022/04/01	ME	MW1	13:31	B	19.1	1.1	0.69	20.83	30.15	88.76	6.65	5.81	7.99	7.0
2022/04/01	ME	MW1	13:32	M	10.7	48.5	0.72	20.83	30.17	86.76	6.50	5.41	7.99	7.8
2022/04/01	ME	MW1	13:33	T	1.0	123.2	0.78	20.95	29.79	87.16	6.53	3.42	7.98	6.3
2022/04/01	ME	MW1	13:34	B	18.8	88.4	0.87	20.84	30.12	85.26	6.39	6.41	7.98	7.0
2022/04/01	ME	MW1	13:35	M	10.0	97.4	0.34	20.85	30.07	85.66	6.42	4.52	7.98	7.8
2022/04/01	ME	MW1	13:35	T	1.0	65.1	0.64	20.90	29.92	85.66	6.42	3.62	7.98	6.6

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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)
2022/04/01	MF	MW1	06:07	B	19.0	216.2	0.17	21.06	29.05	86.81	6.52	7.21	8.06	8.9
2022/04/01	MF	MW1	06:08	M	10.5	20.1	0.24	21.16	28.63	87.21	6.56	3.92	8.05	6.2
2022/04/01	MF	MW1	06:09	T	1.0	75.5	0.29	21.22	28.35	88.21	6.64	3.62	8.04	6.1
2022/04/01	MF	MW1	06:10	B	18.9	14.2	0.34	21.07	29.03	86.62	6.51	6.71	8.04	8.7
2022/04/01	MF	MW1	06:11	M	10.5	128.0	0.10	21.17	28.59	86.62	6.51	4.12	8.02	6.1
2022/04/01	MF	MW1	06:12	T	1.0	301.0	0.56	21.21	28.42	87.72	6.60	3.62	8.02	6.1
2022/04/01	MF	DS1	07:21	B	8.7	300.9	0.76	21.17	28.33	85.85	6.46	16.10	8.01	40.5
2022/04/01	MF	DS1	07:22	M	5.5	309.5	0.54	21.38	27.65	86.55	6.52	12.61	8.01	24.9
2022/04/01	MF	DS1	07:22	T	1.4	275.9	0.57	21.40	27.54	87.65	6.60	11.11	8.01	11.8
2022/04/01	MF	DS1	07:23	B	9.2	302.4	0.64	21.10	28.53	85.25	6.42	18.20	8.00	41.7
2022/04/01	MF	DS1	07:24	M	5.3	283.3	0.98	21.36	27.72	86.05	6.48	12.61	8.00	25.9
2022/04/01	MF	DS1	07:25	T	0.7	313.9	0.71	21.40	27.54	87.35	6.58	9.11	8.00	11.8
2022/04/01	MF	DS2	07:31	B	8.1	283.1	0.63	21.22	28.16	90.15	6.79	14.71	8.00	18.9
2022/04/01	MF	DS2	07:32	M	5.1	311.7	1.14	21.41	27.53	87.85	6.62	11.11	8.00	13.7
2022/04/01	MF	DS2	07:32	T	1.0	286.5	0.38	21.40	27.50	88.05	6.63	9.51	8.00	12.2
2022/04/01	MF	DS2	07:33	B	8.2	298.0	0.53	21.23	28.16	86.55	6.52	15.20	7.99	18.5
2022/04/01	MF	DS2	07:34	M	5.0	338.2	0.38	21.41	27.51	86.75	6.53	11.31	7.99	14.3
2022/04/01	MF	DS2	07:34	T	1.0	305.4	1.08	21.40	27.49	86.85	6.54	10.81	7.99	11.7
2022/04/01	MF	DS3	07:44	B	7.8	284.3	0.70	21.19	28.24	86.26	6.50	21.90	8.00	11.5
2022/04/01	MF	DS3	07:44	M	4.8	314.1	0.73	21.39	27.50	86.86	6.55	12.61	7.99	15.3
2022/04/01	MF	DS3	07:45	T	1.2	277.0	0.69	21.39	27.45	87.76	6.62	9.91	7.99	44.9
2022/04/01	MF	DS3	07:46	B	8.1	291.3	0.57	21.18	28.28	85.56	6.44	24.50	7.98	11.7
2022/04/01	MF	DS3	07:46	M	5.0	321.6	0.45	21.35	27.64	86.36	6.51	12.31	7.98	15.4
2022/04/01	MF	DS3	07:47	T	1.1	322.1	0.97	21.39	27.47	87.56	6.60	10.11	7.98	43.9
2022/04/01	MF	DS4	07:52	B	8.1	227.9	0.31	21.22	28.07	89.36	6.73	29.19	7.99	35.1
2022/04/01	MF	DS4	07:53	M	5.1	314.1	0.35	21.26	27.95	87.36	6.58	19.20	7.99	20.2
2022/04/01	MF	DS4	07:53	T	1.4	11.8	0.95	21.38	27.45	87.76	6.62	9.51	7.99	10.5
2022/04/01	MF	DS4	07:54	B	7.8	273.2	0.79	21.19	28.20	85.66	6.45	27.29	7.98	35.7
2022/04/01	MF	DS4	07:55	M	4.7	305.3	0.33	21.28	27.88	86.06	6.48	17.70	7.99	20.3
2022/04/01	MF	DS4	07:56	T	0.9	311.4	0.74	21.38	27.47	87.77	6.62	9.51	7.99	10.5
2022/04/01	MF	DS5	08:06	B	7.9	326.0	0.53	21.26	27.91	86.57	6.52	26.39	7.97	47.0
2022/04/01	MF	DS5	08:07	M	5.0	284.7	0.20	21.36	27.59	87.07	6.56	14.91	7.98	16.3
2022/04/01	MF	DS5	08:08	T	1.2	327.9	0.73	21.38	27.49	87.97	6.63	11.61	7.98	14.4
2022/04/01	MF	DS5	08:09	B	8.3	291.7	0.81	21.25	27.95	86.47	6.52	30.69	7.97	48.0
2022/04/01	MF	DS5	08:10	M	5.2	287.4	0.49	21.36	27.59	86.67	6.53	16.60	7.97	15.7
2022/04/01	MF	DS5	08:10	T	1.2	318.6	0.38	21.38	27.49	87.47	6.59	12.51	7.97	14.2
2022/04/01	MF	US1	08:24	B	11.0	313.2	0.02	21.12	28.66	89.68	6.75	29.99	7.98	37.6
2022/04/01	MF	US1	08:25	M	6.6	305.4	0.82	21.17	28.31	87.58	6.60	14.31	7.98	14.8
2022/04/01	MF	US1	08:26	T	1.2	350.3	0.40	21.25	27.90	88.08	6.64	11.61	7.98	12.4
2022/04/01	MF	US1	08:27	B	11.0	323.9	0.19	21.10	28.78	85.58	6.43	25.79	7.97	38.1
2022/04/01	MF	US1	08:28	M	6.6	271.4	0.33	21.21	28.12	86.88	6.54	13.01	7.97	14.7
2022/04/01	MF	US1	08:28	T	1.1	38.4	0.66	21.25	27.91	87.68	6.61	11.21	7.97	12.4
2022/04/01	MF	US2	08:36	B	7.9	326.6	0.80	21.10	28.67	88.39	6.65	18.70	7.97	23.8
2022/04/01	MF	US2	08:37	M	5.3	288.3	0.39	21.14	28.46	87.38	6.58	15.30	7.97	19.8
2022/04/01	MF	US2	08:38	T	1.3	288.0	0.48	21.20	28.05	87.58	6.60	9.81	7.97	11.4
2022/04/01	MF	US2	08:38	B	7.8	6.2	0.42	21.10	28.69	86.08	6.48	18.10	7.96	23.8
2022/04/01	MF	US2	08:39	M	5.1	295.4	0.75	21.14	28.47	86.18	6.49	15.00	7.96	19.5
2022/04/01	MF	US2	08:40	T	1.3	287.0	0.60	21.19	28.07	87.19	6.57	9.31	7.96	11.5