

## Impact Water Quality Monitoring for Dredging Activities at ESC CMP Vd

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)
2017/09/06	ME	MW1	12:23	B	19.3	314	0.37	27.12	26.38	70.53	4.84	9.85	7.62	14.80
2017/09/06	ME	MW1	12:24	M	10.9	27.1	0.65	27.56	23.35	74.13	5.13	5.95	7.66	6.10
2017/09/06	ME	MW1	12:25	T	0.8	67.3	1.32	28.26	21.59	79.13	5.47	3.94	7.67	4.10
2017/09/06	ME	MW1	12:27	B	19.9	91.7	0.61	27.13	26.4	70.53	4.84	9.95	7.71	13.80
2017/09/06	ME	MW1	12:28	M	11.2	30.9	0.41	27.64	23.1	74.43	5.15	5.75	7.72	6.00
2017/09/06	ME	MW1	12:29	T	1.1	12.8	1.17	28.16	21.3	78.13	5.42	4.24	7.71	4.30
2017/09/06	ME	US2	14:05	B	7	114.3	0.57	27.63	21.82	74.1	5.17	29.87	7.78	19.60
2017/09/06	ME	US2	14:06	M	4.4	145.1	0.87	27.71	20.96	72.5	5.08	25.06	7.79	15.70
2017/09/06	ME	US2	14:06	T	0.5	142.1	0.84	28.37	17.66	75.11	5.3	10.45	7.77	6.00
2017/09/06	ME	US2	14:07	B	7	66.4	0.52	27.61	21.99	71.8	5.01	33.07	7.8	20.40
2017/09/06	ME	US2	14:08	M	4.6	127.7	0.67	27.68	21.11	71.8	5.02	28.67	7.8	16.10
2017/09/06	ME	US2	14:08	T	1.4	119.7	0.91	28.06	19.66	73.7	5.17	12.25	7.78	5.80
2017/09/06	ME	US1	14:14	B	8.1	118.3	0.58	27.66	21.43	74.11	5.18	29.37	7.8	17.40
2017/09/06	ME	US1	14:14	M	4.8	124.3	0.97	27.75	20.74	73.11	5.12	22.46	7.8	17.60
2017/09/06	ME	US1	14:15	T	1	105.7	0.78	28.34	18.51	75.21	5.28	8.25	7.77	9.20
2017/09/06	ME	US1	14:16	B	8	116.2	0.94	27.65	21.44	72.11	5.04	31.07	7.79	17.80
2017/09/06	ME	US1	14:16	M	4.8	167	0.97	27.77	20.73	72.51	5.08	22.56	7.79	16.80
2017/09/06	ME	US1	14:17	T	0.9	130.3	0.36	28.36	17.58	74.91	5.28	8.85	7.77	9.10
2017/09/06	ME	DS1	14:24	B	7.9	109.6	0.46	27.72	21.08	74.02	5.18	20.86	7.77	16.80
2017/09/06	ME	DS1	14:25	M	4.7	121.8	0.84	27.79	20.58	73.02	5.12	19.96	7.77	17.40
2017/09/06	ME	DS1	14:25	T	1.1	129.6	0.85	28.33	17.76	75.42	5.32	8.55	7.75	10.10
2017/09/06	ME	DS1	14:26	B	8.2	115.3	0.43	27.7	21.24	71.91	5.03	24.46	7.77	17.10
2017/09/06	ME	DS1	14:27	M	4.9	132.2	0.84	27.78	20.67	72.32	5.06	21.56	7.76	17.40
2017/09/06	ME	DS1	14:27	T	1.2	165.7	0.96	28.49	17.41	75.92	5.35	8.65	7.74	9.60
2017/09/06	ME	DS2	14:32	B	8.1	128.8	0.4	27.75	21	74.22	5.19	22.76	7.76	21.40
2017/09/06	ME	DS2	14:32	M	5.2	164.1	1.03	27.78	20.74	72.72	5.09	22.06	7.76	21.80
2017/09/06	ME	DS2	14:33	T	1	111.5	1.16	28.54	17.19	76.53	5.39	9.25	7.74	17.10
2017/09/06	ME	DS2	14:33	B	7.9	115.5	0.6	27.74	20.97	72.32	5.06	22.56	7.75	21.20
2017/09/06	ME	DS2	14:34	M	5.1	115.9	0.52	27.77	20.78	72.22	5.06	21.96	7.76	21.90
2017/09/06	ME	DS2	14:35	T	0.8	158.6	1.4	28.62	16.92	76.43	5.39	9.35	7.74	17.20
2017/09/06	ME	DS3	14:39	B	7.2	98.2	0.71	27.86	20.5	75.23	5.27	19.26	7.75	21.40
2017/09/06	ME	DS3	14:40	M	4.5	124.3	0.86	27.92	20.16	73.73	5.17	19.46	7.75	7.80
2017/09/06	ME	DS3	14:40	T	0.8	109	1.48	28.59	17.18	76.83	5.41	11.35	7.75	15.90
2017/09/06	ME	DS3	14:41	B	7.3	98.4	0.84	27.81	20.62	72.93	5.11	21.16	7.74	21.20
2017/09/06	ME	DS3	14:41	M	4.7	107.4	0.65	27.86	20.4	72.93	5.11	20.16	7.74	7.30
2017/09/06	ME	DS3	14:42	T	0.8	132.8	1.45	28.61	17.64	77.03	5.41	10.35	7.74	18.90
2017/09/06	ME	DS4	14:47	B	15.7	339.9	0.66	27.12	26.08	69.32	4.76	23.66	7.78	18.90
2017/09/06	ME	DS4	14:48	M	9	94.5	0.64	27.82	20.65	71.83	5.03	28.47	7.78	22.30
2017/09/06	ME	DS4	14:48	T	0.8	134.2	0.99	29.01	16.79	76.64	5.37	10.55	7.74	9.30
2017/09/06	ME	DS4	14:52	B	15.6	177.9	0.16	27.14	26.12	68.93	4.73	24.86	7.77	17.20
2017/09/06	ME	DS4	14:53	M	8.8	287.2	0.33	27.83	20.64	71.73	5.02	26.57	7.77	22.30
2017/09/06	ME	DS4	14:54	T	1	108.5	1.32	28.34	18.67	74.14	5.2	12.55	7.74	9.20
2017/09/06	ME	DS5	14:59	B	7.4	82.2	0.34	27.88	20.45	74.94	5.25	24.86	7.74	24.00
2017/09/06	ME	DS5	15:00	M	4.1	87.2	0.72	27.93	20.03	73.64	5.16	21.06	7.73	25.80
2017/09/06	MF	DS1	18:23	B	8.1	277.3	0.45	27.66	21.38	72.32	5.06	12.35	7.57	15.40
2017/09/06	MF	DS1	18:23	M	5	177	0.02	27.84	20.23	71.22	4.99	13.65	7.57	16.40
2017/09/06	MF	DS1	18:24	T	0.9	124.7	0.72	28.76	15.83	72.82	5.15	9.25	7.53	8.00
2017/09/06	MF	DS1	18:24	B	8	334.8	0.36	27.68	21.27	70.32	4.92	12.95	7.56	16.50
2017/09/06	MF	DS1	18:25	M	5.1	287.1	0.94	27.88	20.03	70.62	4.95	13.85	7.57	16.00
2017/09/06	MF	DS1	18:25	T	0.9	61	0.65	28.9	15.14	72.92	5.17	8.85	7.52	7.90
2017/09/06	MF	DS2	18:30	B	6.1	336.2	0.43	28.03	19.38	71.41	5.02	12.15	7.54	12.30
2017/09/06	MF	DS2	18:31	M	4.2	298.5	0.27	28.51	17.1	71.41	5.04	9.15	7.52	11.40
2017/09/06	MF	DS2	18:31	T	1	217.6	0.48	28.91	14.98	71.71	5.08	8.65	7.49	9.50
2017/09/06	MF	DS2	18:32	B	6	337	1.07	28.12	18.91	70.51	4.96	12.25	7.52	11.90
2017/09/06	MF	DS2	18:32	M	3.9	329.8	0.85	28.58	16.79	71.21	5.03	9.35	7.51	10.70
2017/09/06	MF	DS2	18:33	T	0.9	317.7	0.27	28.88	15.2	71.21	5.05	8.65	7.47	9.30
2017/09/06	MF	DS3	18:37	B	6	191.1	0.31	28.09	18.99	72.6	5.1	17.56	7.52	15.90
2017/09/06	MF	DS3	18:37	M	3.9	80.4	0.11	28.52	16.96	71.1	5.02	12.05	7.5	18.90

