

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)
2017/09/01	ME	MW1	08:09	B	19.9	116.5	0.37	25.94	32.59	71.79	4.85	5.65	7.69	6.80
2017/09/01	ME	MW1	08:10	M	11.3	61	0.67	26	32.09	71.39	4.83	4.44	7.72	6.60
2017/09/01	ME	MW1	08:11	T	1.1	306.8	0.28	27.95	15.53	88.09	6.33	2.84	7.85	3.10
2017/09/01	ME	MW1	08:12	B	19.9	69	0.4	25.94	32.59	72.09	4.87	5.65	7.74	15.20
2017/09/01	ME	MW1	08:13	M	11	102.8	0.65	26.01	32.05	71.49	4.84	4.64	7.75	8.30
2017/09/01	ME	MW1	08:14	T	1	71.2	0.61	27.98	15.62	89.69	6.44	2.74	7.84	6.80
2017/09/01	ME	US2	09:38	B	7.2	36.3	0.74	26.27	28.14	70.56	4.86	11.35	7.66	10.00
2017/09/01	ME	US2	09:38	M	4.5	272.1	1.36	26.62	26.95	67.36	4.64	6.55	7.68	7.90
2017/09/01	ME	US2	09:38	T	0.9	126.7	2	28.36	13.52	79.35	5.73	4.84	7.76	4.00
2017/09/01	ME	US2	09:39	B	6.9	92.8	0.26	26.19	28.49	67.96	4.68	9.35	7.66	9.40
2017/09/01	ME	US2	09:40	M	4.6	0.6	0.1	26.69	26.13	66.56	4.61	6.05	7.68	8.40
2017/09/01	ME	US2	09:40	T	0.7	171.3	2	28.21	12.19	75.25	5.48	4.54	7.8	3.90
2017/09/01	ME	US1	09:47	B	7.7	128.5	1.01	26.22	28.27	68.35	4.71	7.85	7.63	10.60
2017/09/01	ME	US1	09:48	M	5	338.7	0.72	27.36	22.23	72.65	5.08	4.44	7.7	5.90
2017/09/01	ME	US1	09:49	T	1.3	170.1	1.1	28.21	17.13	80.35	5.7	4.24	7.7	4.90
2017/09/01	ME	US1	09:49	B	7.7	262.6	0.22	26.23	28.22	67.85	4.68	7.75	7.66	10.80
2017/09/01	ME	US1	09:50	M	5.1	121.7	0.42	27.12	23.95	71.05	4.94	3.64	7.69	5.60
2017/09/01	ME	US1	09:51	T	0.9	103	0.95	28.32	14.54	80.34	5.77	4.44	7.73	5.00
2017/09/01	ME	DS1	09:57	B	9.1	110.9	0.15	26.21	28.56	67.65	4.65	11.15	7.64	11.80
2017/09/01	ME	DS1	09:57	M	5.6	203.3	0.47	26.31	27.88	65.45	4.51	10.65	7.67	11.80
2017/09/01	ME	DS1	09:58	T	0.7	136.3	0.68	28.29	14.43	79.94	5.75	5.55	7.74	4.50
2017/09/01	ME	DS1	09:59	B	9	16.7	0.38	26.21	28.55	65.85	4.53	10.55	7.67	11.70
2017/09/01	ME	DS1	09:59	M	5.6	166.9	0.53	26.33	27.78	64.95	4.48	9.85	7.69	12.50
2017/09/01	ME	DS1	10:00	T	1.3	180.6	0.1	28.27	16.98	80.84	5.73	4.84	7.7	4.40
2017/09/01	ME	DS2	10:06	B	8	237.8	0.34	26.25	28.46	66.45	4.57	9.85	7.67	11.30
2017/09/01	ME	DS2	10:07	M	5.2	70.5	0.7	26.42	27.76	66.15	4.56	7.05	7.69	7.20
2017/09/01	ME	DS2	10:08	T	1.1	320.2	0.44	27.85	19.04	76.44	5.4	5.15	7.73	5.30
2017/09/01	ME	DS2	10:08	B	7.9	59.7	0.24	26.31	28.27	66.25	4.56	8.35	7.68	11.80
2017/09/01	ME	DS2	10:09	M	5	86.2	0.63	26.42	27.66	65.75	4.53	7.45	7.69	7.60
2017/09/01	ME	DS2	10:10	T	1.2	138	0.61	27.72	20.02	75.04	5.28	5.04	7.73	5.60
2017/09/01	ME	DS3	10:16	B	7.1	109.1	0.47	26.38	27.88	68.64	4.73	7.05	7.66	5.30
2017/09/01	ME	DS3	10:16	M	4.7	49.5	0.57	27.6	20.42	74.54	5.24	4.54	7.71	4.80
2017/09/01	ME	DS3	10:17	T	0.8	158.9	0.69	28.28	16.52	81.33	5.78	4.34	7.73	11.20
2017/09/01	ME	DS3	10:18	B	7.1	76.2	0.61	26.38	27.86	69.04	4.76	7.35	7.65	13.70
2017/09/01	ME	DS3	10:18	M	4.5	123.6	0.8	27.23	21.97	70.64	4.96	5.04	7.7	4.30
2017/09/01	ME	DS3	10:18	T	1	124.6	0.77	28.25	16.36	80.13	5.7	4.44	7.74	11.20
2017/09/01	ME	DS4	10:24	B	17	311.6	0.32	26.1	30.84	68.84	4.68	10.95	7.72	11.20
2017/09/01	ME	DS4	10:24	M	9.3	44.4	0.64	26.21	28.92	66.14	4.54	11.85	7.72	13.70
2017/09/01	ME	DS4	10:25	T	1	35.2	0.92	27.88	18.76	76.53	5.41	5.25	7.76	4.30
2017/09/01	ME	DS4	10:26	B	16.9	170.8	0.35	26.1	30.88	67.94	4.62	12.05	7.73	6.80
2017/09/01	ME	DS4	10:27	M	9.3	191.7	0.4	26.28	28.46	65.74	4.52	10.15	7.73	6.60
2017/09/01	ME	DS4	10:27	T	1.1	143.1	0.31	28	18.32	78.53	5.55	4.64	7.74	3.10
2017/09/01	ME	DS5	10:35	B	8.3	54.5	0.76	26.23	28.83	65.54	4.5	11.15	7.68	10.60
2017/09/01	ME	DS5	10:36	M	4.8	85.6	0.65	26.44	27.37	65.74	4.54	8.85	7.7	6.90
2017/09/01	MF	DS1	15:47	B	7.9	321	0.76	26.45	27.36	68.98	4.76	11.95	7.58	15.30
2017/09/01	MF	DS1	15:48	M	5	276.1	0.97	26.58	26.6	66.78	4.62	10.35	7.61	9.50
2017/09/01	MF	DS1	15:48	T	1.2	7.1	0.73	29.14	16.39	96.13	6.74	6.35	7.72	6.30
2017/09/01	MF	DS1	15:49	B	8.1	22	0.24	26.42	27.47	67.28	4.64	17.46	7.62	15.10
2017/09/01	MF	DS1	15:50	M	5	279.5	1.02	27.05	24.27	69.77	4.85	7.55	7.64	9.40
2017/09/01	MF	DS1	15:51	T	1	160.5	0.16	29.18	16.29	96.12	6.74	6.25	7.74	6.30
2017/09/01	MF	DS2	15:56	B	6.9	315	0.65	26.7	26.21	73.75	5.1	9.85	7.64	15.20
2017/09/01	MF	DS2	15:56	M	4.3	233.2	0.82	27.63	21.45	74.84	5.23	6.25	7.66	8.20
2017/09/01	MF	DS2	15:57	T	1	95.6	0.22	29.08	16.3	94.3	6.62	6.15	7.74	6.80
2017/09/01	MF	DS2	15:58	B	7.1	136.7	0.37	26.6	26.58	69.05	4.77	13.55	7.64	15.10
2017/09/01	MF	DS2	15:58	M	4.5	16.6	0.3	27.52	22.24	73.84	5.15	6.25	7.66	8.20
2017/09/01	MF	DS2	15:59	T	1	63.8	0.19	29.07	16.12	90.2	6.34	6.25	7.74	6.70
2017/09/01	MF	DS3	16:08	B	5.7	355	0.73	26.91	25.25	75.01	5.2	16.26	7.66	13.60
2017/09/01	MF	DS3	16:09	M	3.8	31.8	0.54	27.53	22.2	74.21	5.17	11.15	7.68	12.60

