

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)
2017/08/28	MF	MW1	10:16	B	19	37	0.56	26.13	28.84	73.24	5.04	9.95	7.54	11.60
2017/08/28	MF	MW1	10:17	M	10.4	116.1	0.69	26.33	27.53	76.14	5.26	7.25	7.63	9.80
2017/08/28	MF	MW1	10:18	T	0.9	72.6	0.58	26.69	25.25	82.43	5.73	4.44	7.67	4.90
2017/08/28	MF	MW1	10:19	B	19.1	76.6	0.44	26.12	28.83	73.63	5.07	8.35	7.7	12.20
2017/08/28	MF	MW1	10:20	M	10.5	181.2	0.34	26.38	27.24	76.33	5.28	6.45	7.73	9.50
2017/08/28	MF	MW1	10:21	T	1	264.7	0.92	26.67	25.07	82.82	5.77	4.04	7.74	5.10
2017/08/28	MF	DS1	11:19	M	5	301.5	0.6	26.88	23.42	81.01	5.67	19.76	7.81	9.60
2017/08/28	MF	DS1	11:20	T	0.9	319.8	0.21	27.54	15.86	81.7	5.9	6.85	7.82	7.30
2017/08/28	MF	DS2	11:25	B	8	216.9	1.04	26.82	24.77	78.89	5.49	23.96	7.76	15.90
2017/08/28	MF	DS2	11:26	M	5.1	318.9	0.73	27.11	21.53	80.59	5.68	16.36	7.79	13.00
2017/08/28	MF	DS2	11:27	T	0.9	146.9	0.17	27.52	17.06	80.09	5.75	8.05	7.8	7.70
2017/08/28	MF	DS2	11:28	B	7.8	295.9	0.82	26.91	24.03	77.39	5.4	24.76	7.78	16.30
2017/08/28	MF	DS2	11:28	M	5.1	12	0.4	27.12	21.41	79.78	5.63	20.06	7.79	13.00
2017/08/28	MF	DS2	11:29	T	0.9	98.3	1.29	27.55	16.48	80.28	5.78	7.45	7.79	8.30
2017/08/28	MF	DS3	11:35	B	7	338.5	0.28	27.17	21.87	78.66	5.53	12.65	7.75	13.70
2017/08/28	MF	DS3	11:36	M	4.6	6.5	0.84	27.42	19.27	77.26	5.49	9.85	7.75	11.50
2017/08/28	MF	DS3	11:36	T	1.1	350.6	1.04	27.6	16.97	78.16	5.6	7.45	7.76	7.70
2017/08/28	MF	DS3	11:37	B	7.1	220.9	0.31	27	23.3	76.76	5.37	14.45	7.75	13.90
2017/08/28	MF	DS3	11:38	M	4.5	67	0.21	27.33	20.2	77.66	5.49	10.35	7.76	11.50
2017/08/28	MF	DS3	11:38	T	1	74.4	0.87	27.56	17.44	77.85	5.57	7.55	7.76	8.10
2017/08/28	MF	DS4	11:44	B	6.9	228.7	0.21	27.22	21.41	78.13	5.5	14.35	7.72	15.30
2017/08/28	MF	DS4	11:44	M	4.3	331.4	0.44	27.46	19.2	76.84	5.45	8.35	7.74	8.70
2017/08/28	MF	DS4	11:45	T	0.9	251.3	0.61	27.58	17.2	77.13	5.53	7.65	7.74	8.40
2017/08/28	MF	DS4	11:46	B	6.9	317	0.75	27.23	21.19	76.73	5.41	14.15	7.74	15.60
2017/08/28	MF	DS4	11:47	M	4.4	67.4	0.51	27.49	18.89	76.23	5.42	9.45	7.75	8.60
2017/08/28	MF	DS4	11:47	T	1.2	220.6	0.56	27.59	17.48	77.32	5.53	7.35	7.74	8.60
2017/08/28	MF	DS5	11:52	B	7.1	83.4	0.36	27.31	21.91	74.52	5.22	8.95	7.71	10.50
2017/08/28	MF	DS5	11:53	M	4.6	123.7	0.38	27.49	19.28	75.12	5.33	9.55	7.73	10.50
2017/08/28	MF	DS5	11:54	T	0.9	272.7	0.37	27.58	17.81	76.31	5.45	7.25	7.73	7.40
2017/08/28	MF	DS5	11:54	B	6.8	115.4	0.54	27.36	21.43	73.62	5.17	8.45	7.7	10.20
2017/08/28	MF	DS5	11:55	M	4.4	44.9	0.49	27.5	19.04	74.51	5.29	10.25	7.73	7.60
2017/08/28	MF	DS5	11:56	T	0.9	261.4	0.4	27.66	16.18	76.9	5.53	6.75	7.73	14.10
2017/08/28	MF	US1	12:14	B	9.1	263.6	0.54	26.56	26.56	77.43	5.36	15.76	7.74	10.80
2017/08/28	MF	US1	12:15	M	5.4	251	0.5	26.73	24.98	77.83	5.42	9.75	7.77	10.00
2017/08/28	MF	US1	12:15	T	1.2	7	0.04	27.1	21.22	78.82	5.57	8.75	7.79	14.10
2017/08/28	MF	US1	12:16	B	8.9	109.3	0.89	26.56	26.56	76.03	5.26	16.26	7.77	10.90
2017/08/28	MF	US1	12:17	M	5.4	335.3	0.46	26.78	24.53	78.51	5.47	8.05	7.79	10.90
2017/08/28	MF	US1	12:17	T	0.9	177	1.07	27.27	19.42	81.69	5.81	6.85	7.79	9.50
2017/08/28	MF	US2	12:23	B	15.8	235.8	0.25	26.5	26.96	74.81	5.17	19.56	7.78	24.50
2017/08/28	MF	US2	12:24	M	9	196.8	0.36	26.49	26.98	74.61	5.16	19.56	7.8	7.40
2017/08/28	MF	US2	12:24	T	1.1	270.1	0.47	27.25	19.69	81.47	5.79	7.35	7.82	18.20
2017/08/28	MF	US2	12:25	B	16.2	103.8	0.54	26.51	26.91	74.31	5.13	18.66	7.79	23.00
2017/08/28	MF	US2	12:26	M	9.1	43.4	0.13	26.5	26.91	74.51	5.15	16.66	7.8	7.50
2017/08/28	MF	US2	12:27	T	1	352.8	0.36	27.24	19.65	81.46	5.79	6.95	7.82	17.10
2017/08/28	ME	US1	15:51	T	1.1	227.4	0.59	27.53	17.7	79.55	5.69	5.65	7.64	5.90
2017/08/28	ME	US1	15:52	B	7.9	75.5	0.36	27.03	22.95	76.15	5.33	16.86	7.62	16.40
2017/08/28	ME	US1	15:52	M	5.1	160.4	0.54	27.34	20.12	77.05	5.45	8.15	7.64	6.90
2017/08/28	ME	US1	15:53	T	1	171.7	1.02	27.46	18.49	79.16	5.64	5.95	7.65	6.10
2017/08/28	ME	DS1	16:00	B	8.1	96.6	0.46	26.81	24.2	77.38	5.4	13.45	7.65	13.50
2017/08/28	ME	DS1	16:01	M	4.8	303.8	0.64	27.21	21.86	75.98	5.34	6.85	7.66	6.90
2017/08/28	ME	DS1	16:02	T	1.2	160.3	0.3	27.67	16.67	82.09	5.89	5.85	7.69	6.60
2017/08/28	ME	DS1	16:03	B	7.9	53	0.21	26.83	23.97	75.88	5.3	13.45	7.67	13.50
2017/08/28	ME	DS1	16:04	M	4.8	42.2	0.27	27.23	21.46	75.48	5.31	7.25	7.68	7.00
2017/08/28	ME	DS1	16:04	T	1	183.9	0.36	27.59	17.15	80.89	5.8	5.95	7.7	6.60
2017/08/28	ME	DS2	16:09	B	7.9	74.5	0.32	26.93	23.4	77.9	5.45	8.85	7.66	11.40
2017/08/28	ME	DS2	16:10	M	5.2	123.3	0.73	27.05	22.82	76.4	5.35	8.75	7.67	8.10
2017/08/28	ME	DS2	16:10	T	1	154.5	0.63	27.67	18.62	81.11	5.76	6.95	7.69	8.10
2017/08/28	ME	DS2	16:11	B	8	83.3	0.77	26.84	24.05	76.31	5.33	9.95	7.67	10.90

