

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)
2015/11/18	MF	MW1	0.462674	B	19.1	150.3	0.04	25.9	29.21	82.85	5.71	10.76	7.66	12.2
2015/11/18	MF	MW1	0.46331	M	10.7	324.4	0.11	25.94	28.09	80.55	5.58	9.26	7.64	13.0
2015/11/18	MF	MW1	0.463924	T	1.1	145.5	0.27	26.01	24.04	82.64	5.85	4.77	7.63	4.9
2015/11/18	MF	MW1	0.464572	B	18.9	267.9	0.3	25.87	29.62	80.34	5.53	12.16	7.71	11.8
2015/11/18	MF	MW1	0.465266	M	10.5	113.3	0.12	25.94	27.8	80.23	5.57	6.77	7.71	13.5
2015/11/18	MF	MW1	0.465984	T	1	57.9	0.46	25.98	23.81	82.21	5.83	3.77	7.67	4.7
2015/11/18	MF	DS1	0.508958	B	9.1	337.8	0.29	26.01	25.53	82.63	5.8	11.86	7.79	15.0
2015/11/18	MF	DS1	0.509352	M	5.5	246.8	0.51	26.02	24.9	80.85	5.7	9.36	7.78	9.7
2015/11/18	MF	DS1	0.509792	T	0.9	332	0.21	26.17	20.22	83.81	6.05	4.97	7.76	5.4
2015/11/18	MF	DS1	0.511377	B	9	331.4	0.27	26.02	25.52	80.63	5.66	10.86	7.79	15.7
2015/11/18	MF	DS1	0.511678	M	5.5	284.8	0.51	26.02	25.28	80.03	5.63	10.96	7.79	10.1
2015/11/18	MF	DS1	0.51206	T	1.1	264.3	0.24	26.19	19.76	83	6	5.77	7.77	5.8
2015/11/18	MF	DS2	0.514919	B	9	288.9	0.28	26.01	25.67	82.07	5.76	12.75	7.78	12.6
2015/11/18	MF	DS2	0.515382	M	5.6	285.5	0.41	26.03	25.23	80.58	5.67	7.96	7.78	8.9
2015/11/18	MF	DS2	0.515822	T	1.1	204.2	0.23	26.25	19.59	84.04	6.08	4.37	7.75	3.6
2015/11/18	MF	DS2	0.516285	B	9	261.4	0.26	26.01	25.64	80.38	5.64	11.56	7.78	13.0
2015/11/18	MF	DS2	0.516655	M	5.3	284.5	0.82	26.03	24.27	80.67	5.7	7.17	7.78	9.2
2015/11/18	MF	DS2	0.517234	T	1.1	287.4	0.41	26.27	19.11	84.13	6.1	3.87	7.74	3.6
2015/11/18	MF	DS3	0.52022	B	10.2	293.7	0.26	26.02	25.23	81.72	5.75	8.26	7.78	10.4
2015/11/18	MF	DS3	0.520799	M	6.1	259.7	0.93	26.05	22.63	82.7	5.9	3.67	7.77	4.3
2015/11/18	MF	DS3	0.521377	T	1	270.7	0.52	26.27	18.74	84.18	6.12	3.77	7.74	4.1
2015/11/18	MF	DS3	0.521933	B	10.2	293.6	0.46	26.02	25.34	80.41	5.65	8.36	7.78	9.8
2015/11/18	MF	DS3	0.522488	M	5.9	288.4	0.69	26.04	22.68	81.79	5.83	4.47	7.77	4.1
2015/11/18	MF	DS3	0.522963	T	1.1	340.5	0.7	26.26	19.12	83.86	6.08	3.67	7.74	3.8
2015/11/18	MF	DS4	0.526238	B	11.1	305.8	0.93	26.02	24.78	81.65	5.76	6.37	7.78	5.3
2015/11/18	MF	DS4	0.526678	M	6.7	49.1	0.23	26.24	17.78	83.33	6.09	3.97	7.73	3.8
2015/11/18	MF	DS4	0.52713	T	0.9	155.7	0.15	26.44	16.44	84.61	6.21	3.27	7.7	4.4
2015/11/18	MF	DS4	0.527755	B	10.7	304.2	0.99	26.03	24.56	80.85	5.71	6.07	7.78	5.5
2015/11/18	MF	DS4	0.52816	M	6.5	341.4	0.54	26.12	21.55	82.62	5.92	3.97	7.76	3.7
2015/11/18	MF	DS4	0.528565	T	1.2	309.8	0.26	26.42	16.57	84.2	6.18	3.47	7.71	4.2
2015/11/18	MF	DS5	0.531875	B	12	3	0.39	25.99	24.85	81.2	5.73	7.96	7.77	9.7
2015/11/18	MF	DS5	0.532269	M	7	313	0.78	26.12	21.8	82.28	5.89	4.27	7.76	4.7
2015/11/18	MF	DS5	0.532766	T	1.1	87.3	0.28	26.61	14.79	84.45	6.24	3.47	7.68	4.7
2015/11/18	MF	DS5	0.533183	B	11.7	307.3	0.55	26.01	24.7	81.08	5.72	6.47	7.77	9.4
2015/11/18	MF	DS5	0.533553	M	7.2	292.6	0.98	26.11	21.85	82.17	5.88	4.17	7.76	4.9
2015/11/18	MF	DS5	0.533993	T	1.2	341.6	0.68	26.57	14.78	84.14	6.22	3.67	7.71	4.9
2015/11/18	MF	US1	0.541782	B	7.9	288.9	0.65	26	26.91	83.46	5.82	10.26	7.82	12.1
2015/11/18	MF	US1	0.542153	M	5	155.7	0.85	26.11	22.24	82.37	5.88	6.37	7.78	6.9
2015/11/18	MF	US1	0.542639	T	1	313.9	0.44	26.29	20.64	86.01	6.18	4.17	7.77	4.9
2015/11/18	MF	US1	0.54309	B	8	277.3	0.53	25.99	27.21	80.19	5.58	12.75	7.79	12.2
2015/11/18	MF	US1	0.543495	M	4.9	329.7	0.08	26.11	22.23	81.66	5.83	6.97	7.77	6.7
2015/11/18	MF	US1	0.543843	T	1.1	192.2	0.18	26.34	20.34	84.81	6.1	4.37	7.76	4.7
2015/11/18	MF	US2	0.546458	B	5.8	252.3	0.46	26	26.77	83.6	5.83	7.47	7.78	7.9
2015/11/18	MF	US2	0.546782	M	3.9	288.4	0.26	26.05	23.27	81.53	5.79	7.57	7.77	8.0
2015/11/18	MF	US2	0.547176	T	1	286	0.41	26.28	20.16	84.58	6.09	4.87	7.75	5.2
2015/11/18	MF	US2	0.547581	B	5.9	259.4	0.16	25.98	27.38	79.94	5.56	12.16	7.79	7.6
2015/11/18	MF	US2	0.547917	M	3.8	292.4	0.45	26.06	23.08	80.73	5.74	8.06	7.77	8.1
2015/11/18	MF	US2	0.548287	T	0.9	294.3	0.83	26.31	20.07	84.37	6.08	4.77	7.75	5.3
2015/11/18	ME	US1	0.695	B	9.2	47.9	0.85	26	25.4	81.74	5.75	17.94	7.66	21.6
2015/11/18	ME	US1	0.695405	M	5.4	269.1	0.06	26.09	23.67	82.53	5.85	7.37	7.67	5.3
2015/11/18	ME	US1	0.69588	T	1.3	112	0.85	26.33	17.18	84.11	6.16	4.17	7.61	4.0
2015/11/18	ME	US1	0.696308	B	8.8	91	0.29	26	25.41	80.62	5.67	14.65	7.67	19.9
2015/11/18	ME	US1	0.69669	M	5.5	101.5	0.39	26.13	23.02	82.71	5.88	6.17	7.68	5.2
2015/11/18	ME	US1	0.697106	T	1	44.8	0.16	26.18	17.97	83.79	6.12	4.27	7.64	4.1
2015/11/18	ME	US2	0.700139	B	8	349.2	0.22	25.99	24.98	82.85	5.84	10.36	7.69	12.0
2015/11/18	ME	US2	0.700509	M	5	132.1	0.21	26.25	21.16	85.13	6.1	4.97	7.69	3.5
2015/11/18	ME	US2	0.700949	T	0.9	133	0.28	26.45	16.33	84.73	6.22	3.77	7.63	3.4
2015/11/18	ME	US2	0.701424	B	8	40.8	0.54	25.99	25.06	80.34	5.66	11.96	7.7	12.4
2015/11/18	ME	US2	0.701921	M	5.1	121.2	0.59	26.1	23.38	82.62	5.86	5.37	7.7	3.6
2015/11/18	ME	US2	0.702407	T	0.9	91.6	0.73	26.29	16.43	84.21	6.2	4.27	7.66	3.2
2015/11/18	ME	DS1	0.7061	B	8.3	67.3	0.44	26	25.45	83.85	5.89	7.86	7.72	10.3
2015/11/18	ME	DS1	0.706458	M	5.1	40.6	0.32	26.26	20.91	85.23	6.12	4.57	7.71	3.5
2015/11/18	ME	DS1	0.706875	T	1.2	111.7	0.35	26.35	17	85.23	6.24	3.87	7.66	3.3
2015/11/18	ME	DS1	0.707269	B	8.1	87.7	0.17	26.02	25.15	82.34	5.79	6.97	7.72	11.0
2015/11/18	ME	DS1	0.707627	M	5.1	110.6	0.37	26.17	22.42	83.82	5.97	4.87	7.72	3.4
2015/11/18	ME	DS1	0.708009	T	1	114.8	0.73	26.4	16.92	85.7	6.28	3.87	7.66	3.4
2015/11/18	ME	DS2	0.711169	B	7	63.3	0.45	25.99	25.82	84.16	5.9	6.87	7.73	8.0
2015/11/18	ME	DS2	0.711551	M	4.6	108.6	0.33	26.28	21.19	85.65	6.14	4.17	7.72	4.5
2015/11/18	ME	DS2	0.711944	T	0.9	124.3	0.79	26.5	16.6	86.63	6.34	3.87	7.67	3.9
2015/11/18	ME	DS2	0.712373	B	7.1	42.1	0.36	25.98	25.8	81.76	5.74	6.87	7.73	8.0
2015/11/18	ME	DS2	0.712766	M	4.5	96.7	0.44	26.3	20.69	85.13	6.11	4.17	7.73	4.8
2015/11/18	ME	DS2	0.713183	T	1	91.7	0.83	26.42	17	85.52	6.26	3.87	7.67	3.7
2015/11/18	ME	DS3	0.716204	B	6.2	39.9	0.65	26.02	25.35	84.97	5.97	6.27	7.73	8.5
2015/11/18	ME	DS3	0.716609	M	4	100.4	0.3	26.34	19.81	86.55	6.24	3.97	7.72	4.1
2015/11/18	ME	DS3	0.716956	T	0.8	102.4	0.35	26.58	16.21	87.74	6.43	3.67	7.68	3.3
2015/11/18	ME	DS3	0.717315	B	5.8	40	0.27	26.14	24.09	84.56	5.97	4.67	7.73	8.5
2015/11/18	ME	DS3	0.717697	M	4	78.1	0.43	26.35	19.7	87.03	6.28	3.57	7.72	4.2
2015/11/18	ME	DS3	0.718056	T	1.2	112.6	0.68	26.59	16.09	87.12	6.39	3.67	7.68	3.6
2015/11/18	ME	DS4	0.721157	B	5	106.4	0.42	26.26	20.69	87.07	6.26	4.17	7.73	4.6
2015/11/18	ME	DS4	0.721563	M	3.5	46.7	0.25	26.41	19.49	87.96	6.35	3.27	7.72	4.4
2015/11/18	ME	DS4	0.721968	T	1	140.6	0.85	26.86	14.14	89.24	6.58	3.37	7.68	4.5
2015/11/18	ME	DS4	0.722338	B	4.9	111.2	0.22	26.3	20.53	86.66	6.23	3.97	7.72	4.5
2015/11/18	ME	DS4	0.722743	M	3.4	118.4	0.6	26.41	19.41	88.04	6.36	3.37	7.72	4.5
2015/11/18	ME	DS4	0.723079	T	1.1	95.6	0.41	26.47	17.29	87.44	6.38	3.67	7.69	4.5
2015/11/18	ME	DS5	0.726111	B	4	276.7	0.07	26.65	15.97	88.57	6.49	4.67	7.68	4.6
2015/11/18	ME	DS5	0.726539	M	2.9	115.5	0.37	26.74	15.4	88.07	6.47			