

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)
2017/09/11	MF	MW1	09:25	B	18.9	41.1	0.32	27.62	28.32	60.55	4.07	13.15	7.7	14.20
2017/09/11	MF	MW1	09:26	M	10.5	153.3	0.53	28.06	24.78	63.05	4.29	7.05	7.73	8.20
2017/09/11	MF	MW1	09:26	T	1.1	358.1	0.55	28.83	19.62	68.54	4.74	4.04	7.71	4.50
2017/09/11	MF	MW1	09:28	B	19	118.8	0.59	27.62	28.35	59.75	4.02	13.65	7.8	14.20
2017/09/11	MF	MW1	09:28	M	10.6	234.8	0.26	28.05	24.87	62.24	4.24	7.15	7.79	8.00
2017/09/11	MF	MW1	09:29	T	1.1	331.4	0.79	28.81	19.7	69.03	4.78	3.54	7.75	4.70
2017/09/11	MF	DS1	10:42	B	8.1	234.9	0.85	28.42	21.49	63.79	4.4	12.15	7.86	14.90
2017/09/11	MF	DS1	10:42	M	5.1	301.6	0.84	28.49	21.06	64.19	4.43	9.35	7.86	10.90
2017/09/11	MF	DS1	10:43	T	0.8	254	0.58	28.99	17.75	67.57	4.71	4.94	7.81	5.70
2017/09/11	MF	DS1	10:44	B	8	347.9	0.53	28.43	21.48	63.58	4.38	11.45	7.85	15.70
2017/09/11	MF	DS1	10:44	M	5	299.9	1.44	28.55	20.68	64.68	4.47	8.85	7.85	11.70
2017/09/11	MF	DS1	10:45	T	1.1	275.7	1.17	29.08	17.18	68.07	4.75	4.34	7.8	5.60
2017/09/11	MF	DS2	10:50	B	8.2	307.2	0.16	28.28	22.62	64.47	4.43	22.06	7.84	16.10
2017/09/11	MF	DS2	10:51	M	5.1	296.7	0.88	28.46	21.11	63.57	4.39	11.95	7.84	11.60
2017/09/11	MF	DS2	10:52	T	1.2	251.2	0.44	29.18	16.79	69.05	4.83	4.64	7.79	5.40
2017/09/11	MF	DS2	10:52	B	8.1	340.8	0.52	28.25	22.78	61.87	4.25	16.06	7.84	15.90
2017/09/11	MF	DS2	10:53	M	5.1	275.5	0.8	28.45	21.23	62.97	4.35	11.25	7.84	12.00
2017/09/11	MF	DS2	10:53	T	1.2	277.6	1.27	29.13	16.89	68.65	4.8	4.44	7.79	5.80
2017/09/11	MF	DS3	10:59	B	7	301.8	0.27	28.62	19.66	66.24	4.6	19.06	7.82	12.30
2017/09/11	MF	DS3	10:59	M	4.7	328	1.38	28.7	19.29	66.84	4.64	11.95	7.82	9.40
2017/09/11	MF	DS3	11:00	T	1.1	346.5	0.83	29.58	15.08	69.63	4.88	5.15	7.76	4.40
2017/09/11	MF	DS3	11:01	B	6.9	11.3	0.14	28.54	20.45	62.95	4.36	23.36	7.8	12.00
2017/09/11	MF	DS3	11:02	M	4.6	298.1	0.75	28.69	19.37	65.34	4.54	17.56	7.8	9.60
2017/09/11	MF	DS3	11:03	T	1.1	326	1.37	29.52	15.3	69.32	4.86	5.04	7.76	4.40
2017/09/11	MF	DS4	11:09	B	7	345.3	0.47	28.76	18.64	68.91	4.8	9.05	7.78	12.10
2017/09/11	MF	DS4	11:10	M	4.6	325.5	0.85	28.97	17.19	67.71	4.74	7.65	7.79	10.80
2017/09/11	MF	DS4	11:10	T	0.7	355.5	0.1	29.65	12.73	66.52	4.72	4.64	7.66	6.60
2017/09/11	MF	DS4	11:11	B	6.8	291.1	1.29	28.67	19.5	65.72	4.56	14.25	7.78	11.50
2017/09/11	MF	DS4	11:12	M	4.5	20.3	0.16	29	17.19	67.91	4.75	6.65	7.77	10.60
2017/09/11	MF	DS4	11:12	T	1.1	9.3	0.64	29.62	12.65	66.51	4.72	5.75	7.66	6.50
2017/09/11	MF	DS5	11:24	B	6.8	302.9	0.66	28.69	19.16	65.99	4.59	29.77	7.77	12.60
2017/09/11	MF	DS5	11:25	M	4.5	17.2	0.32	28.83	17.25	64	4.49	12.75	7.83	5.30
2017/09/11	MF	DS5	11:26	T	1.1	68.8	0.31	29.3	12.87	63.8	4.55	5.55	7.63	19.10
2017/09/11	MF	DS5	11:27	B	7	350.2	0.7	28.67	19.43	65.99	4.58	46.49	7.77	12.50
2017/09/11	MF	DS5	11:27	M	4.4	90.7	0.16	28.84	17.26	64.49	4.52	15.46	7.84	5.40
2017/09/11	MF	DS5	11:28	T	1	27.2	0.47	29.28	12.78	63.69	4.54	5.75	7.63	10.70
2017/09/11	MF	US1	11:41	B	10.1	244.4	0.4	28.25	23.33	65.36	4.47	18.86	7.82	10.70
2017/09/11	MF	US1	11:41	M	6.1	305.4	0.41	28.36	22.22	64.06	4.4	14.65	7.81	10.30
2017/09/11	MF	US1	11:42	T	1	303.8	0.74	29.04	20.05	69.04	4.75	7.85	7.8	8.90
2017/09/11	MF	US1	11:43	B	10.1	302.4	0.28	28.25	23.17	63.07	4.32	17.46	7.81	10.80
2017/09/11	MF	US1	11:43	M	6.1	315.2	0.24	28.42	21.85	64.06	4.41	15.16	7.81	10.60
2017/09/11	MF	US1	11:44	T	1.1	328.9	0.62	29.24	19.82	70.23	4.82	6.75	7.8	8.50
2017/09/11	MF	US2	11:48	B	9.9	284.5	0.36	28.71	20.57	68.62	4.73	5.55	7.8	6.70
2017/09/11	MF	US2	11:49	M	6	72.3	0.59	29.16	19.48	69.72	4.8	4.84	7.78	6.90
2017/09/11	ME	US2	15:12	B	7.5	254	0.58	28.63	20.95	67.05	4.62	35.58	7.74	19.10
2017/09/11	ME	US2	15:13	M	5.2	315.6	0.45	28.85	18.64	65.55	4.56	8.35	7.66	8.40
2017/09/11	ME	US2	15:13	T	1.2	184.8	0.72	29.53	16.02	68.35	4.77	4.54	7.59	4.40
2017/09/11	ME	US2	15:14	B	8	17.2	0.32	28.63	20.95	66.75	4.6	43.88	7.73	19.10
2017/09/11	ME	US2	15:15	M	4.9	83	0.28	28.8	18.91	64.95	4.51	11.55	7.65	7.80
2017/09/11	ME	US2	15:16	T	1.1	266.8	0.61	29.85	15.93	71.44	4.96	4.64	7.59	4.50
2017/09/11	ME	US1	15:32	B	8	113.7	0.59	28.67	20.34	66.51	4.6	43.58	7.71	13.40
2017/09/11	ME	US1	15:32	M	5.2	201.5	1.12	28.7	19.61	65.51	4.54	16.96	7.68	10.00
2017/09/11	ME	US1	15:33	T	1.1	170.6	1.2	30.12	16.3	74.2	5.12	4.84	7.64	5.60
2017/09/11	ME	US1	15:34	B	7.9	114	0.59	28.66	20.37	66.21	4.58	37.28	7.71	13.30
2017/09/11	ME	US1	15:35	M	5.2	102.7	0.54	28.67	19.61	65.11	4.52	11.65	7.67	10.50
2017/09/11	ME	US1	15:36	T	0.9	129.6	1.06	30.21	15.74	75.19	5.19	4.14	7.63	5.60
2017/09/11	ME	DS1	15:41	B	9	45.6	0.59	28.61	21.32	68.59	4.72	27.17	7.73	17.10
2017/09/11	ME	DS1	15:42	M	5.7	47.7	0.48	28.72	20.02	66.9	4.63	27.47	7.72	16.50

