

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)
2017/08/30	MF	MW1	13:24	B	19	22.9	0.38	25.72	31.79	70.12	4.78	14.95	7.57	21.30
2017/08/30	MF	MW1	13:25	M	10.5	138.3	0.76	26.15	29.1	71.12	4.88	5.35	7.65	5.70
2017/08/30	MF	MW1	13:26	T	1	142.1	1.07	28.21	18.6	80.03	5.63	3.64	7.69	3.70
2017/08/30	MF	MW1	13:27	B	19	227.4	0.22	25.7	31.87	69.82	4.76	13.85	7.7	20.40
2017/08/30	MF	MW1	13:28	M	10.6	122.5	0.14	26.15	29.08	71.13	4.88	4.34	7.74	5.90
2017/08/30	MF	MW1	13:29	T	1.1	76.5	1.53	28.33	18.43	80.53	5.66	3.54	7.76	3.70
2017/08/30	MF	DS1	14:47	B	8	284.1	0.64	26.6	25.26	67.62	4.71	11.25	7.76	12.80
2017/08/30	MF	DS1	14:48	M	4.6	304.7	0.71	27.06	22.65	69.72	4.89	6.25	7.78	7.10
2017/08/30	MF	DS1	14:48	T	1.1	98.6	0.89	28.73	13.62	76.63	5.49	7.35	7.81	7.80
2017/08/30	MF	DS1	14:49	B	8.1	110.5	0.13	26.59	25.38	66.92	4.66	9.55	7.74	11.90
2017/08/30	MF	DS1	14:50	M	5.2	257.5	0.46	27.02	22.9	69.83	4.89	6.95	7.76	6.90
2017/08/30	MF	DS1	14:52	T	0.9	133	0.39	28.93	13.79	79.74	5.69	7.05	7.79	7.70
2017/08/30	MF	DS2	14:56	B	7.1	340.8	0.18	26.85	23.61	70.73	4.95	7.55	7.73	9.00
2017/08/30	MF	DS2	14:57	M	4.7	300.8	0.9	27.19	22.55	71.84	5.03	6.45	7.75	9.80
2017/08/30	MF	DS2	14:58	T	1.1	293.8	0.2	27.92	17.87	74.94	5.32	5.55	7.77	5.90
2017/08/30	MF	DS2	14:58	B	7	344.8	0.25	26.86	23.53	68.03	4.76	7.15	7.74	9.50
2017/08/30	MF	DS2	14:59	M	4.5	205.2	0.37	27.1	22.82	70.44	4.93	7.25	7.75	10.50
2017/08/30	MF	DS2	15:00	T	1.1	317.2	0.2	28.11	17.41	75.05	5.32	5.75	7.77	5.70
2017/08/30	MF	DS3	15:04	B	7.1	133.4	0.83	26.76	24.12	69.44	4.85	7.65	7.73	10.80
2017/08/30	MF	DS3	15:05	M	4.4	293.5	0.75	27.33	22.19	72.85	5.1	7.65	7.75	8.60
2017/08/30	MF	DS3	15:06	T	1.2	262.5	0.76	28.92	14.97	77.86	5.52	7.45	7.77	6.90
2017/08/30	MF	DS3	15:07	B	7.1	2.4	0.66	26.74	24.23	67.54	4.72	8.95	7.73	10.60
2017/08/30	MF	DS3	15:07	M	4.6	26.1	0.78	27.21	22.29	71.45	5.01	6.95	7.74	8.60
2017/08/30	MF	DS3	15:08	T	1	204.2	0.24	29.29	13.5	78.87	5.6	7.85	7.8	6.60
2017/08/30	MF	DS4	15:13	B	7.1	199.8	0.12	26.74	24.35	69.85	4.88	9.15	7.7	12.00
2017/08/30	MF	DS4	15:13	M	4.5	280.9	0.08	27.24	21.92	71.76	5.04	4.64	7.73	4.60
2017/08/30	MF	DS4	15:14	T	0.9	76.8	0.73	27.81	19.01	72.76	5.14	5.55	7.73	6.50
2017/08/30	MF	DS4	15:14	B	6.8	248.1	0.47	26.77	24.11	68.45	4.78	7.35	7.7	12.00
2017/08/30	MF	DS4	15:15	M	4.4	238.5	0.52	27.3	22	71.56	5.01	4.84	7.73	4.60
2017/08/30	MF	DS4	15:16	T	1	243.9	0.22	28.58	15.8	75.07	5.33	6.35	7.76	6.80
2017/08/30	MF	DS5	15:20	B	7.1	285.4	0.46	26.82	24.36	70.86	4.94	7.75	7.67	6.50
2017/08/30	MF	DS5	15:21	M	4.5	27	0.12	27.35	21.11	70.36	4.95	5.35	7.71	6.50
2017/08/30	MF	DS5	15:21	T	1	16.5	0.4	29.25	13.15	78.88	5.62	6.85	7.75	6.50
2017/08/30	MF	DS5	15:22	B	7	321.6	0.56	26.68	25.24	67.86	4.72	8.55	7.68	6.70
2017/08/30	MF	DS5	15:23	M	4.6	335.3	0.62	27.35	21.1	70.17	4.94	5.25	7.71	6.80
2017/08/30	MF	DS5	15:24	T	1	321.2	0.29	29.53	12.12	79.29	5.65	6.75	7.77	11.80
2017/08/30	MF	US1	15:40	B	9	221.2	0.59	26.49	26.1	66.68	4.63	9.45	7.72	11.80
2017/08/30	MF	US1	15:41	M	5.3	319.6	0.48	26.99	23.39	69.49	4.86	5.85	7.73	8.20
2017/08/30	MF	US1	15:42	T	1.2	17.1	0.47	28.38	16.29	76.61	5.44	5.45	7.76	5.70
2017/08/30	MF	US1	15:43	B	8	291	1.02	26.51	26.03	66.48	4.62	8.45	7.7	11.50
2017/08/30	MF	US1	15:43	M	5.3	317.7	0.81	27.31	21.8	71.29	5	4.84	7.74	7.90
2017/08/30	MF	US1	15:44	T	0.9	133.2	0.61	28.51	15.6	77.21	5.49	5.65	7.76	5.80
2017/08/30	MF	US2	15:50	B	8	285.5	0.51	26.57	25.77	67.79	4.71	8.65	7.7	5.80
2017/08/30	MF	US2	15:51	M	4.9	247.3	0.13	27.23	22.47	72	5.04	4.34	7.72	5.70
2017/08/30	ME	US2	18:32	B	7	82.2	0.56	26.77	24.49	75.11	5.24	7.75	7.66	10.60
2017/08/30	ME	US2	18:32	M	4.5	266.4	0.17	27.3	22.12	71.91	5.04	6.25	7.68	6.80
2017/08/30	ME	US2	18:33	T	0.9	191.5	0.11	28.31	17.2	77.02	5.45	5.85	7.69	6.50
2017/08/30	ME	US2	18:34	B	7.1	289.7	0.23	26.91	24.01	68.91	4.81	6.45	7.64	10.60
2017/08/30	ME	US2	18:35	M	4.5	359.4	0.18	27.18	22.75	71.32	4.99	5.25	7.66	6.60
2017/08/30	ME	US2	18:36	T	0.9	199	0.34	28.27	17.47	76.83	5.43	5.85	7.69	6.70
2017/08/30	ME	US1	18:42	B	9.1	295.2	0.44	26.78	24.81	69.85	4.86	6.85	7.64	8.60
2017/08/30	ME	US1	18:43	M	5.5	173.8	0.29	26.84	24.45	68.45	4.77	5.65	7.66	6.80
2017/08/30	ME	US1	18:43	T	0.9	91.4	0.83	28.65	15.75	78.67	5.58	5.55	7.72	5.40
2017/08/30	ME	US1	18:44	B	9	229.1	0.19	26.66	25.26	66.45	4.62	8.45	7.65	8.40
2017/08/30	ME	US1	18:45	M	5.5	345.4	0.51	26.85	24.36	68.16	4.75	5.65	7.66	6.50
2017/08/30	ME	US1	18:46	T	1.1	60.3	0.72	28.89	14.79	78.58	5.58	5.55	7.73	5.60
2017/08/30	ME	DS1	18:52	B	7.6	129.7	0.79	26.58	25.93	68.69	4.77	7.15	7.63	9.70
2017/08/30	ME	DS1	18:53	M	5	223.6	0.34	27.06	23.28	69.89	4.88	4.84	7.67	6.20

