

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)
2017/09/25	MF	MW1	09:33	B	19	253.5	0.14	29.1	26.92	71.03	4.7	10.5	7.85	11.30
2017/09/25	MF	MW1	09:34	M	10.4	240.2	0.29	29.16	26.12	72.72	4.83	7.5	7.88	9.90
2017/09/25	MF	MW1	09:35	T	1	246.6	0.48	29.22	25.27	75.82	5.05	5.1	7.89	7.60
2017/09/25	MF	MW1	09:37	B	18.8	53.6	0.68	29.08	27.14	71.21	4.71	10.4	7.9	11.00
2017/09/25	MF	MW1	09:38	M	10.4	66.9	0.48	29.14	26.33	72.1	4.78	9	7.9	9.90
2017/09/25	MF	MW1	09:39	T	0.8	7.3	0.75	29.23	25.25	75.2	5.01	5.5	7.89	7.60
2017/09/25	MF	DS1	10:44	B	8.1	239.3	0.68	29.33	24.07	77.03	5.16	25.01	7.84	13.30
2017/09/25	MF	DS1	10:44	M	4.7	297.9	0.41	29.4	23.25	76.23	5.12	19.51	7.83	12.10
2017/09/25	MF	DS1	10:45	T	0.9	300	0.69	29.63	22.39	78.61	5.29	10.1	7.8	7.60
2017/09/25	MF	DS1	10:46	B	7.7	331	0.72	29.33	24.03	74.53	4.99	24.71	7.84	13.00
2017/09/25	MF	DS1	10:47	M	4.9	274.4	0.4	29.36	23.43	75.23	5.05	22.21	7.83	12.60
2017/09/25	MF	DS1	10:47	T	1	91.9	0.41	29.64	22.45	78	5.24	10.9	7.8	7.70
2017/09/25	MF	DS2	10:52	B	6	7.9	0.07	29.35	23.54	79.47	5.34	19.11	7.84	10.70
2017/09/25	MF	DS2	10:53	M	4	311.7	0.48	29.35	23.17	77.48	5.21	17.31	7.83	10.80
2017/09/25	MF	DS2	10:53	T	0.8	351.5	0.86	29.72	21.65	78.67	5.3	7.6	7.78	6.30
2017/09/25	MF	DS2	10:54	B	5.8	246.3	0.55	29.34	23.48	76.08	5.11	19.51	7.83	10.80
2017/09/25	MF	DS2	10:54	M	3.8	48.2	0.49	29.35	23.21	76.38	5.14	17.21	7.83	10.60
2017/09/25	MF	DS2	10:55	T	1.2	332.3	1.11	29.59	21.98	78.46	5.29	6.9	7.78	6.50
2017/09/25	MF	DS3	11:00	B	6.9	347.6	0.67	29.33	23.13	81.31	5.47	23.61	7.82	12.20
2017/09/25	MF	DS3	11:00	M	4.2	332.2	0.77	29.39	22.77	78.43	5.28	14.2	7.81	12.70
2017/09/25	MF	DS3	11:01	T	0.8	342.4	0.39	29.83	21.29	81.5	5.5	6.6	7.76	4.80
2017/09/25	MF	DS3	11:04	B	6.3	327.9	0.59	29.33	23.16	77.32	5.2	24.01	7.82	12.60
2017/09/25	MF	DS3	11:05	M	4.5	21.7	0.7	29.34	23.12	77.21	5.2	23.71	7.82	12.70
2017/09/25	MF	DS3	11:06	T	0.9	358.7	1.42	29.78	21.39	81.47	5.5	7	7.76	4.50
2017/09/25	MF	DS4	11:11	B	7	195.5	0.21	29.48	22.14	78.57	5.3	23.71	7.77	8.80
2017/09/25	MF	DS4	11:12	M	4.4	156.7	0.35	29.55	21.89	75.49	5.1	14.8	7.76	8.30
2017/09/25	MF	DS4	11:12	T	1.2	70.7	1.11	29.88	19.3	77.17	5.26	8.7	7.75	7.80
2017/09/25	MF	DS4	11:13	B	7	28.8	0.48	29.43	22.28	76.17	5.14	22.61	7.78	8.60
2017/09/25	MF	DS4	11:13	M	4.5	315.5	0.69	29.77	20.96	76.27	5.16	12.3	7.73	8.10
2017/09/25	MF	DS4	11:14	T	1	174.7	0.5	29.87	19.27	77.76	5.3	8.7	7.77	7.90
2017/09/25	MF	DS5	11:20	B	6.9	318.9	0.16	29.55	21.18	77.62	5.26	7.3	7.73	5.80
2017/09/25	MF	DS5	11:20	M	4.3	357.9	0.38	29.64	20.12	74.05	5.04	7	7.69	5.20
2017/09/25	MF	DS5	11:21	T	1.1	28.4	0.81	29.91	18.77	78.41	5.35	6.1	7.68	6.10
2017/09/25	MF	DS5	11:21	B	7.1	358.1	0.97	29.55	21.18	73.95	5.01	7.3	7.72	5.80
2017/09/25	MF	DS5	11:22	M	4.4	356.8	0.36	29.65	20.03	73.35	5	6.4	7.68	5.20
2017/09/25	MF	DS5	11:23	T	0.9	177.6	1.61	29.89	18.77	77.81	5.32	6.3	7.68	11.60
2017/09/25	MF	US1	11:35	B	7	77.7	0.57	29.33	24.36	77.44	5.18	18.51	7.83	11.60
2017/09/25	MF	US1	11:36	M	4.4	334.6	0.38	29.34	24.06	74.76	5.01	15	7.81	9.10
2017/09/25	MF	US1	11:37	T	1.1	332.1	1.21	29.53	23.18	77.53	5.2	8.4	7.8	6.40
2017/09/25	MF	US1	11:37	B	6.9	297.4	0.63	29.33	24.27	74.26	4.97	17.01	7.81	12.40
2017/09/25	MF	US1	11:38	M	4.5	349.8	0.42	29.35	23.85	74.45	4.99	12	7.81	9.20
2017/09/25	MF	US1	11:39	T	1	305.8	0.72	29.65	22.92	78.01	5.23	7.5	7.8	6.30
2017/09/25	MF	US2	11:43	B	6.9	315.8	0.27	29.31	24.82	76.01	5.07	16.91	7.82	20.90
2017/09/25	MF	US2	11:44	M	4.5	130.1	0.42	29.31	24.74	72.64	4.85	16.91	7.81	12.90
2017/09/25	ME	US2	14:33	B	7	27.6	0.36	29.35	23.72	78.73	5.28	21.81	7.86	13.00
2017/09/25	ME	US2	14:33	M	4.5	147.7	0.47	29.47	23.38	79.93	5.36	19.91	7.86	15.00
2017/09/25	ME	US2	14:34	T	0.8	33.3	0.58	29.75	21.34	74.63	5.04	10.5	7.74	7.60
2017/09/25	ME	US2	14:35	B	7	29.9	0.31	29.33	23.93	77.73	5.21	22.71	7.86	12.80
2017/09/25	ME	US2	14:36	M	4.3	128.1	0.67	29.51	22.75	79.02	5.31	19.21	7.83	14.90
2017/09/25	ME	US2	14:37	T	1.1	283.2	0.45	29.8	21.15	74.13	5.01	9.2	7.74	7.60
2017/09/25	ME	US1	14:42	B	8	113.2	0.33	29.33	24.18	79.91	5.35	14.8	7.86	15.90
2017/09/25	ME	US1	14:43	M	4.8	174.9	0.75	29.45	23.05	79.01	5.31	12.8	7.85	12.30
2017/09/25	ME	US1	14:44	T	1.1	152.1	0.17	29.77	21.46	78.01	5.26	9.2	7.78	8.50
2017/09/25	ME	US1	14:44	B	8.1	147.5	0.7	29.35	23.99	76.81	5.14	13.5	7.86	15.50
2017/09/25	ME	US1	14:45	M	4.9	115.6	0.59	29.49	22.91	78.61	5.28	11.3	7.86	12.60
2017/09/25	ME	US1	14:46	T	1	252.8	0.32	29.76	21.45	74.71	5.04	9.3	7.76	8.20
2017/09/25	ME	DS1	14:50	B	6.8	126.4	0.55	29.32	24.44	76.7	5.13	11.5	7.84	8.40
2017/09/25	ME	DS1	14:51	M	4.4	19.1	0.37	29.38	23.8	77.9	5.22	11.6	7.86	8.60

