

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)
2016/10/19	MF	US2	08:45	B	8.2	278.9	0.79	27.11	32	93.34	6.21	13.41	7.67	20.16
2016/10/19	MF	US2	08:46	M	4.8	323.6	0.64	27.1	32.01	93.18	6.2	13.41	7.72	18.87
2016/10/19	MF	US2	08:47	T	1.4	326.6	0.78	27.1	31.96	93.26	6.2	11.31	7.74	21.20
2016/10/19	MF	US2	08:47	B	8	295.7	1.22	27.1	31.95	93.15	6.19	14.67	7.75	21.18
2016/10/19	MF	US2	08:48	M	4.5	311.7	0.5	27.1	31.96	93.09	6.19	13.67	7.75	19.20
2016/10/19	MF	US2	08:49	T	1.1	294.7	0.92	27.1	31.97	93.17	6.2	11.19	7.75	22.09
2016/10/19	MF	US1	08:56	M	5.2	279.7	0.63	27.18	31.88	92.77	6.16	14.16	7.74	23.61
2016/10/19	MF	US1	08:57	T	1.2	252.6	0.57	27.19	31.89	93.19	6.19	14.71	7.74	20.88
2016/10/19	MF	DS1	09:02	B	7.9	354.5	0.73	27.21	31.91	92.74	6.16	22.54	7.74	18.33
2016/10/19	MF	DS1	09:03	M	4.9	326.3	0.87	27.22	31.89	92.56	6.15	13.4	7.74	19.34
2016/10/19	MF	DS1	09:03	T	1.4	15.4	0.64	27.23	31.88	92.51	6.14	11.43	7.74	25.41
2016/10/19	MF	DS1	09:08	B	8	284.6	0.51	27.21	31.91	92.95	6.17	14.72	7.75	18.64
2016/10/19	MF	DS1	09:08	M	5.1	289.6	0.41	27.22	31.89	92.67	6.15	11.82	7.75	19.99
2016/10/19	MF	DS1	09:09	T	1.2	333.6	0.22	27.22	31.88	92.61	6.15	11.51	7.75	24.86
2016/10/19	MF	DS2	09:15	B	8	333.5	0.91	27.21	31.95	92.87	6.16	21.6	7.75	21.89
2016/10/19	MF	DS2	09:16	M	5.1	344.7	0.77	27.21	31.95	92.82	6.16	21.01	7.75	36.08
2016/10/19	MF	DS2	09:16	T	1.6	280.4	0.66	27.21	31.93	92.93	6.17	12.98	7.75	33.52
2016/10/19	MF	DS2	09:17	B	8	9.8	1.02	27.21	31.94	92.77	6.16	18.47	7.75	22.98
2016/10/19	MF	DS2	09:18	M	4.9	16.5	0.56	27.21	31.94	92.81	6.16	14.62	7.75	36.87
2016/10/19	MF	DS2	09:19	T	1.1	319.4	0.92	27.21	31.93	92.88	6.17	13.97	7.75	33.09
2016/10/19	MF	DS3	09:25	B	7.8	13.7	0.35	27.21	31.91	92.52	6.14	21.18	7.75	19.26
2016/10/19	MF	DS3	09:25	M	5	347.8	0.34	27.21	31.92	92.57	6.15	19.14	7.75	24.59
2016/10/19	MF	DS3	09:26	T	0.9	325	0.96	27.22	31.91	92.82	6.16	12	7.75	42.39
2016/10/19	MF	DS3	09:28	B	7.6	169.2	0.28	27.21	31.93	92.38	6.13	25.31	7.75	18.42
2016/10/19	MF	DS3	09:28	M	5.2	55.5	0.48	27.21	31.93	92.37	6.13	19.19	7.75	24.51
2016/10/19	MF	DS3	09:29	T	1.1	3.7	0.66	27.22	31.92	92.64	6.15	12.25	7.75	41.39
2016/10/19	MF	DS4	09:36	B	7.7	18.3	0.25	27.21	31.82	92.16	6.12	33.54	7.74	30.52
2016/10/19	MF	DS4	09:36	M	5.2	351.7	0.51	27.21	31.82	92.15	6.12	25.28	7.74	43.80
2016/10/19	MF	DS4	09:37	T	1.3	128.5	0.36	27.23	31.78	92.24	6.13	13.32	7.74	48.41
2016/10/19	MF	DS4	09:39	B	8	348.9	0.38	27.21	31.9	92.9	6.17	23.52	7.75	30.22
2016/10/19	MF	DS4	09:40	M	4.8	9.4	0.35	27.21	31.9	92.57	6.15	14.6	7.75	42.42
2016/10/19	MF	DS4	09:40	T	1.1	350.6	0.75	27.22	31.89	92.67	6.15	12.07	7.75	50.31
2016/10/19	MF	DS5	09:48	B	7.6	279.3	0.32	27.22	31.76	92.08	6.12	20.03	7.74	16.97
2016/10/19	MF	DS5	09:48	M	5.2	28.9	0.81	27.22	31.76	92.06	6.12	12.84	7.74	25.03
2016/10/19	MF	DS5	09:49	T	1.4	31.3	1.24	27.23	31.72	92.08	6.12	12.01	7.74	35.31
2016/10/19	MF	DS5	09:51	B	7.8	344.6	0.83	27.22	31.78	92.48	6.14	18.14	7.74	15.98
2016/10/19	MF	DS5	09:52	M	5	340.3	0.56	27.22	31.77	91.97	6.11	11.46	7.74	25.91
2016/10/19	MF	DS5	09:52	T	1.3	24.2	0.89	27.25	31.71	92.35	6.13	8	7.74	34.44
2016/10/19	MF	MW1	11:24	B	19.7	51.9	0.68	27.25	32.47	87.63	5.8	12.05	7.75	18.24
2016/10/19	MF	MW1	11:24	M	11.3	87.4	0.75	27.25	32.44	87.1	5.76	8.63	7.75	16.24
2016/10/19	MF	MW1	11:25	T	1.4	205.2	0.13	27.25	32.39	86.71	5.74	8.84	7.75	17.09
2016/10/19	MF	MW1	11:26	B	20	50.7	0.61	27.25	32.4	86.7	5.74	9.69	7.75	18.29
2016/10/19	MF	MW1	11:27	M	11.1	25.1	0.68	27.26	32.38	86.51	5.72	11.21	7.75	17.25
2016/10/19	MF	MW1	11:28	T	1.2	343.3	0.16	27.26	32.34	86.53	5.73	7.67	7.75	18.10
2016/10/19	ME	US	15:14	M	13.5	119	0.25	27.01	32.01	92.42	6.15	30.17	7.73	0.00
2016/10/19	ME	US	15:15	M	13.3	186	0.36	27.01	32.01	92.15	6.14	31.39	7.73	0.00
2016/10/19	ME	US2	15:26	B	7.9	94.7	0.42	27.08	31.91	91.56	6.09	21.45	7.73	10.42
2016/10/19	ME	US2	15:27	M	4.8	176.9	0.35	27.06	31.74	91.12	6.07	9.99	7.73	11.12
2016/10/19	ME	US2	15:28	T	1	150.4	0.94	27.14	31.37	91.7	6.11	8.54	7.72	26.10
2016/10/19	ME	US2	15:29	B	7.9	140.4	0.71	27.08	31.93	91.38	6.08	26.08	7.73	10.33
2016/10/19	ME	US2	15:29	M	5.4	227.1	0.63	27.06	31.8	91.13	6.07	13.99	7.73	10.90
2016/10/19	ME	US2	15:30	T	1.3	144.1	0.89	27.15	31.38	91.59	6.11	7.74	7.72	27.19
2016/10/19	ME	US1	15:38	B	8.1	115.5	0.4	27.08	31.85	91.7	6.1	19.01	7.73	9.35
2016/10/19	ME	US1	15:38	M	4.8	166.8	1.01	27.1	31.55	91.2	6.08	9.34	7.72	10.12
2016/10/19	ME	US1	15:39	T	0.9	128.2	0.5	27.23	31.28	92.13	6.14	6.11	7.71	26.21
2016/10/19	ME	US1	15:40	B	7.8	118.3	0.82	27.07	31.78	91.16	6.07	17.06	7.73	9.48
2016/10/19	ME	US1	15:41	M	4.9	165.9	0.78	27.07	31.61	90.78	6.05	9.92	7.73	9.94
2016/10/19	ME	US1	15:41	T	1.4	201.1	0.78	27.22	31.28	91.88	6.12	6.37	7.71	25.39

