

Summary Table: Impact Water Quality Monitoring for Dredging Activities

Sampling Date	Tide	Station	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	Suspended Solids (mg/L)
2012/06/08	MF	DS1	B	10.0	229.3	0.27	28.16	24.61	78.3	5.33	10.4	7.54	16
2012/06/08	MF	DS1	M	5.7	288.7	0.27	28.22	23.82	77.7	5.30	12.1	7.53	15
2012/06/08	MF	DS1	T	1.2	263.2	0.55	28.59	20.87	79.2	5.46	7.5	7.52	17
2012/06/08	MF	DS1	B	10.2	256.6	0.37	28.17	24.40	77.4	5.27	11.5	7.54	6
2012/06/08	MF	DS1	M	5.5	242.7	0.49	28.35	22.82	78.1	5.35	13.5	7.53	10
2012/06/08	MF	DS1	T	1.3	283.8	0.63	28.70	20.03	79.6	5.51	5.5	7.52	8
2012/06/08	MF	DS2	B	10.2	256.9	0.19	28.20	23.96	77.6	5.30	13.4	7.51	11
2012/06/08	MF	DS2	M	5.5	298.1	0.59	28.36	22.89	78.0	5.34	8.4	7.52	11
2012/06/08	MF	DS2	T	1.2	288.6	0.42	28.97	18.05	83.9	5.84	7.6	7.50	18
2012/06/08	MF	DS2	B	10.2	9.4	0.17	28.19	24.07	76.7	5.23	12.1	7.53	20
2012/06/08	MF	DS2	M	5.6	322.8	0.57	28.38	22.84	78.2	5.36	8.6	7.52	5
2012/06/08	MF	DS2	T	1.3	297.9	0.71	28.87	18.74	82.3	5.72	6.7	7.50	6
2012/06/08	MF	DS3	B	10.0	288.4	0.49	28.27	23.48	77.5	5.30	15.1	7.48	21
2012/06/08	MF	DS3	M	5.3	322.7	0.53	28.54	21.53	79.2	5.45	9.2	7.48	22
2012/06/08	MF	DS3	T	1.2	316.3	0.61	28.92	16.80	86.3	6.06	3.8	7.46	10
2012/06/08	MF	DS3	B	10.1	259.9	0.25	28.28	23.43	76.7	5.24	22.7	7.49	11
2012/06/08	MF	DS3	M	5.5	311.3	0.69	28.56	21.37	79.2	5.45	7.7	7.50	5
2012/06/08	MF	DS3	T	1.0	307.8	1.02	28.86	16.72	85.2	5.99	4.2	7.47	6
2012/06/08	MF	DS4	B	10.0	288.4	0.49	28.15	24.66	76.4	5.20	11.2	7.44	26
2012/06/08	MF	DS4	M	5.5	328.6	0.39	28.59	21.34	78.4	5.40	8.1	7.43	18
2012/06/08	MF	DS4	T	1.4	307.7	0.71	29.13	15.93	86.8	6.10	3.8	7.41	12
2012/06/08	MF	DS4	B	10.0	278.8	0.14	28.11	24.85	76.5	5.21	16.0	7.46	12
2012/06/08	MF	DS4	M	5.6	332.8	0.36	28.52	21.44	77.6	5.34	8.8	7.45	2
2012/06/08	MF	DS4	T	1.3	307.2	0.47	29.11	16.02	86.1	6.05	4.0	7.42	4
2012/06/08	MF	DS5	B	10.2	322.0	0.29	28.06	25.03	77.1	5.24	12.8	7.46	29
2012/06/08	MF	DS5	M	5.7	11.1	0.51	28.59	20.91	78.3	5.40	8.8	7.40	30
2012/06/08	MF	DS5	T	1.1	286.0	0.28	28.90	14.93	82.6	5.86	4.3	7.34	6
2012/06/08	MF	DS5	B	9.9	323.7	0.51	28.13	24.53	76.1	5.18	10.9	7.42	7
2012/06/08	MF	DS5	M	5.6	17.6	0.23	28.86	18.72	79.5	5.53	4.3	7.39	5
2012/06/08	MF	DS5	T	1.2	342.2	0.25	28.91	14.89	83.1	5.90	4.1	7.36	4
2012/06/08	MF	MW1	B	20.1	266.0	0.04	27.80	27.68	80.1	5.39	4.3	7.56	8
2012/06/08	MF	MW1	M	10.4	157.7	0.30	28.13	24.77	81.3	5.53	3.1	7.56	7
2012/06/08	MF	MW1	T	1.2	222.4	0.21	28.61	19.72	86.5	6.00	2.3	7.56	8
2012/06/08	MF	MW1	B	20.1	136.1	0.50	27.83	27.48	80.5	5.42	3.6	7.59	7
2012/06/08	MF	MW1	M	10.6	225.8	0.26	28.04	25.61	80.9	5.49	3.1	7.58	4
2012/06/08	MF	MW1	T	1.1	341.8	0.27	28.61	19.56	86.4	6.00	2.4	7.57	4
2012/06/08	MF	US1	B	10.0	262.9	0.53	28.21	24.22	81.3	5.54	19.6	7.55	35
2012/06/08	MF	US1	M	5.4	287.6	0.62	28.41	22.58	80.6	5.52	10.7	7.52	36
2012/06/08	MF	US1	T	1.1	326.0	0.67	28.70	20.04	80.2	5.55	5.2	7.50	15
2012/06/08	MF	US1	M	10.0	258.8	0.45	28.18	24.54	80.1	5.45	22.0	7.53	15
2012/06/08	MF	US1	M	5.3	309.7	0.24	28.44	22.25	80.0	5.49	9.9	7.51	9
2012/06/08	MF	US1	T	0.8	291.2	0.58	28.84	19.31	80.4	5.57	4.6	7.48	10
2012/06/08	MF	US2	B	16.9	329.9	0.34	28.19	24.61	81.9	5.57	13.3	7.51	10
2012/06/08	MF	US2	M	9.0	200.9	0.34	28.31	23.62	81.5	5.56	11.9	7.51	44
2012/06/08	MF	US2	T	1.0	316.5	0.45	29.04	18.82	87.6	6.06	4.2	7.52	10
2012/06/08	MF	US2	B	17.0	330.9	0.40	28.01	25.95	80.9	5.48	15.2	7.52	10
2012/06/08	MF	US2	M	9.0	21.6	0.22	28.14	24.92	81.4	5.53	13.5	7.52	7
2012/06/08	MF	US2	T	1.1	317.0	0.24	28.88	19.51	85.5	5.91	4.2	7.52	7

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Sampling Date	Tide	Station	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	Suspended Solids (mg/L)
2012/06/08	ME	DS1	B	10.0	116.6	0.20	28.27	24.09	81.6	5.56	21.8	7.53	24
2012/06/08	ME	DS1	M	5.6	99.3	0.63	28.35	23.00	82.7	5.66	12.6	7.54	23
2012/06/08	ME	DS1	T	1.1	124.7	0.89	29.27	19.62	88.9	6.11	4.1	7.57	13
2012/06/08	ME	DS1	B	10.0	106.6	0.67	28.27	24.08	80.6	5.49	17.4	7.54	12
2012/06/08	ME	DS1	M	5.6	128.1	0.69	28.40	22.40	82.6	5.67	10.1	7.55	4
2012/06/08	ME	DS1	T	1.2	112.1	0.61	29.20	19.75	87.1	5.99	4.4	7.57	5
2012/06/08	ME	DS2	B	15.1	84.8	0.26	28.26	24.52	85.4	5.81	46.4	7.60	79
2012/06/08	ME	DS2	M	8.3	97.1	0.21	28.33	23.64	82.0	5.59	16.5	7.56	81
2012/06/08	ME	DS2	T	1.0	126.9	0.72	29.31	19.20	90.2	6.20	4.2	7.59	24
2012/06/08	ME	DS2	B	15.2	92.0	0.29	28.25	24.62	85.2	5.79	58.8	7.61	22
2012/06/08	ME	DS2	M	8.2	125.3	0.28	28.34	23.58	82.2	5.61	18.5	7.58	3
2012/06/08	ME	DS2	T	1.3	97.5	0.59	29.15	19.93	86.5	5.94	5.2	7.58	3
2012/06/08	ME	DS3	B	8.1	57.7	0.30	28.26	24.69	88.1	5.98	28.5	7.63	36
2012/06/08	ME	DS3	M	4.7	99.0	0.65	28.45	22.63	85.2	5.84	10.6	7.60	33
2012/06/08	ME	DS3	T	1.1	132.0	0.84	29.09	19.98	86.6	5.95	4.4	7.60	15
2012/06/08	ME	DS3	B	8.2	65.3	0.39	28.27	24.66	87.4	5.94	31.4	7.65	14
2012/06/08	ME	DS3	M	4.7	77.6	0.67	28.46	22.63	86.9	5.95	22.0	7.59	28
2012/06/08	ME	DS3	T	1.2	105.4	0.91	29.16	20.00	87.2	5.99	4.2	7.60	6
2012/06/08	ME	DS4	B	7.8	77.0	0.66	28.51	22.67	88.7	6.07	10.0	7.64	16
2012/06/08	ME	DS4	M	4.8	96.7	0.59	28.56	21.80	84.9	5.83	7.3	7.61	16
2012/06/08	ME	DS4	T	1.3	110.0	1.08	29.22	18.77	88.0	6.08	4.0	7.62	10
2012/06/08	ME	DS4	B	7.9	77.5	0.63	28.49	22.91	87.7	5.99	10.3	7.65	11
2012/06/08	ME	DS4	M	4.6	94.8	0.60	28.52	22.21	84.8	5.81	8.2	7.62	4
2012/06/08	ME	DS4	T	1.3	79.7	0.56	29.05	20.38	85.4	5.86	4.6	7.61	5
2012/06/08	ME	DS5	B	6.8	78.6	0.76	28.40	23.62	87.7	5.98	41.1	7.65	34
2012/06/08	ME	DS5	M	3.9	71.8	0.84	28.77	21.10	84.9	5.83	6.9	7.61	35
2012/06/08	ME	DS5	T	1.4	96.7	1.06	29.37	19.33	91.0	6.25	3.4	7.65	11
2012/06/08	ME	DS5	B	7.2	53.5	0.56	28.37	23.90	87.2	5.94	53.9	7.67	11
2012/06/08	ME	DS5	M	4.1	104.0	0.57	28.71	21.34	85.3	5.86	7.4	7.62	5
2012/06/08	ME	DS5	T	1.5	96.9	0.91	29.07	20.36	86.2	5.91	4.5	7.62	5
2012/06/08	ME	MW1	B	19.9	344.5	0.48	28.47	23.96	86.9	5.91	4.5	7.60	6
2012/06/08	ME	MW1	M	10.6	71.2	0.77	28.73	22.84	88.8	6.05	4.2	7.59	5
2012/06/08	ME	MW1	T	1.3	78.8	1.05	29.21	21.13	94.3	6.43	3.4	7.63	11
2012/06/08	ME	MW1	B	20.1	351.0	0.19	28.52	23.68	86.3	5.87	7.7	7.57	9
2012/06/08	ME	MW1	M	10.8	345.9	0.30	28.55	23.49	86.6	5.89	6.3	7.58	4
2012/06/08	ME	MW1	T	1.4	54.7	0.95	29.25	20.75	94.0	6.42	3.1	7.62	4
2012/06/08	ME	US1	B	10.0	110.3	0.56	28.30	23.91	84.3	5.74	15.7	7.50	27
2012/06/08	ME	US1	M	5.6	110.4	0.80	28.37	22.91	84.0	5.75	13.1	7.50	24
2012/06/08	ME	US1	T	1.4	110.9	0.76	29.13	19.84	85.5	5.88	4.7	7.50	15
2012/06/08	ME	US1	B	10.0	89.9	0.46	28.36	23.14	84.9	5.81	12.4	7.53	14
2012/06/08	ME	US1	M	5.7	102.6	0.84	28.36	22.65	82.6	5.67	9.8	7.51	6
2012/06/08	ME	US1	T	1.2	125.2	0.73	29.17	19.85	86.2	5.92	4.8	7.52	7
2012/06/08	ME	US2	B	10.0	109.5	0.70	28.27	23.78	84.4	5.76	17.4	7.42	29
2012/06/08	ME	US2	M	5.7	128.6	0.69	28.91	20.10	83.3	5.74	5.7	7.39	28
2012/06/08	ME	US2	T	1.3	131.8	0.65	29.31	19.37	88.1	6.05	4.6	7.43	7
2012/06/08	ME	US2	B	10.0	97.0	0.70	28.29	23.55	83.3	5.69	16.3	7.44	8
2012/06/08	ME	US2	M	5.5	125.9	0.54	28.97	20.14	83.4	5.74	5.4	7.41	8
2012/06/08	ME	US2	T	1.2	154.7	0.96	29.61	18.40	92.2	6.34	3.8	7.51	7