

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)
3/8/2011	ME	DS1	B	8.1	81.8	0.27	17.43	30.32	89.03	7.11	15.08	7.95	19
3/8/2011	ME	DS1	B	7.7	89.1	0.65	17.42	30.27	90.68	7.24	26.43	7.96	19
3/8/2011	ME	DS1	M	5	100	0.24	17.47	30.19	89.04	7.11	15.98	7.95	23
3/8/2011	ME	DS1	M	4.8	82.4	0.38	17.47	30.17	89.68	7.16	15.08	7.96	21
3/8/2011	ME	DS1	T	1.2	151.8	0.38	17.73	29.75	91.16	7.26	6.43	7.96	8
3/8/2011	ME	DS1	T	1.1	114.2	0.68	17.71	29.77	91.4	7.28	5.93	7.96	9
3/8/2011	ME	DS2	B	7.7	79.5	0.41	17.42	30.33	89.55	7.15	12.76	7.96	21
3/8/2011	ME	DS2	B	7.9	103.6	0.34	17.43	30.25	90.2	7.2	15.18	7.96	23
3/8/2011	ME	DS2	M	5	116.5	0.53	17.44	30.26	89.06	7.11	16.98	7.96	15
3/8/2011	ME	DS2	M	4.9	152.5	0.31	17.47	30.16	90.11	7.19	12.96	7.97	14
3/8/2011	ME	DS2	T	1.2	99.1	0.7	17.59	29.92	91.18	7.27	8.04	7.98	9
3/8/2011	ME	DS2	T	1.1	90.8	0.65	17.58	29.96	91.02	7.26	9.45	7.97	11
3/8/2011	ME	DS3	B	13.8	129.4	0.54	17.49	30.19	88.75	7.08	9.85	7.96	11
3/8/2011	ME	DS3	B	14	24.7	0.13	17.49	30.19	88.08	7.03	11.16	7.95	12
3/8/2011	ME	DS3	M	8	189.2	0.08	17.52	30.14	88.56	7.06	13.97	7.95	19
3/8/2011	ME	DS3	M	7.9	117.4	0.43	17.52	30.14	88.49	7.06	13.17	7.95	18
3/8/2011	ME	DS3	T	1.1	152.7	0.29	17.58	30.03	89.38	7.13	7.84	7.96	12
3/8/2011	ME	DS3	T	1	134.7	0.27	17.63	29.92	90.32	7.2	6.73	7.96	11
3/8/2011	ME	DS4	B	6.9	121.5	0.31	17.54	30.09	89.16	7.11	12.26	7.95	18
3/8/2011	ME	DS4	B	7.1	111.7	0.51	17.55	30.08	88.88	7.09	12.66	7.96	16
3/8/2011	ME	DS4	M	4.4	78.7	0.48	17.61	29.96	89.37	7.12	7.64	7.96	10
3/8/2011	ME	DS4	M	4.5	89.6	0.64	17.63	29.93	89.7	7.15	6.63	7.96	8
3/8/2011	ME	DS4	T	1.1	93.7	0.4	17.78	29.69	91.6	7.29	4.32	7.97	4
3/8/2011	ME	DS4	T	1.1	134.8	0.5	17.71	29.8	91.23	7.27	4.82	7.96	5
3/8/2011	ME	DS5	B	5.8	104.9	0.44	17.62	29.94	91.17	7.27	11.96	7.96	12
3/8/2011	ME	DS5	B	6.2	111.6	0.41	17.58	30.02	89.29	7.12	13.17	7.94	13
3/8/2011	ME	DS5	M	3.9	103.7	0.43	17.64	29.9	89.87	7.16	7.34	7.95	9
3/8/2011	ME	DS5	M	4	111.2	0.57	17.63	29.91	89.6	7.14	6.53	7.94	9
3/8/2011	ME	DS5	T	1.1	105.8	1	17.72	29.76	91.2	7.26	4.92	7.95	7
3/8/2011	ME	DS5	T	1.1	108	0.87	17.74	29.74	91.02	7.25	4.72	7.95	8
3/8/2011	ME	MW1	B	18.4	352.8	0.25	17.17	31.04	91.82	7.33	3.12	7.97	5
3/8/2011	ME	MW1	B	19	352.8	0.25	17.17	30.92	89.21	7.13	3.22	7.94	4
3/8/2011	ME	MW1	M	10.3	69.6	0.19	17.2	30.91	89.69	7.17	3.02	7.94	5
3/8/2011	ME	MW1	M	10.6	66.3	0.64	17.18	30.9	89.02	7.12	2.81	7.94	4
3/8/2011	ME	MW1	T	1.1	68.6	1.03	17.4	30.55	90.72	7.24	3.12	7.94	4
3/8/2011	ME	MW1	T	1.2	14	0.46	17.33	30.66	90.15	7.19	2.71	7.94	3
3/8/2011	ME	US1	B	9	125.7	0.46	17.03	30.72	91.95	7.38	55.07	8.01	70
3/8/2011	ME	US1	B	7.9	140.7	0.5	17.01	30.75	91.67	7.36	41.21	7.99	74
3/8/2011	ME	US1	M	5.1	109	0.56	17.06	30.71	92.16	7.39	19.9	8	10
3/8/2011	ME	US1	M	4.9	95.7	0.56	17.22	30.5	92.48	7.4	10.15	7.99	10
3/8/2011	ME	US1	T	1	131.5	0.3	17.76	29.63	91.66	7.3	7.04	7.95	7
3/8/2011	ME	US1	T	1.1	101.2	0.37	17.76	29.62	91.69	7.3	6.83	7.95	9
3/8/2011	ME	US2	B	7.8	89.5	0.55	17.01	30.76	92.15	7.4	27.34	7.99	42
3/8/2011	ME	US2	B	8	96.1	0.43	17	30.77	91.78	7.37	35.68	7.99	41
3/8/2011	ME	US2	M	5.1	119.9	0.15	17.36	30.25	92.46	7.39	7.44	7.97	10
3/8/2011	ME	US2	M	5.1	104.9	0.37	17.27	30.4	92.49	7.4	8.34	7.98	12
3/8/2011	ME	US2	T	1.1	110.8	0.25	17.85	29.53	91.97	7.32	5.23	7.95	9
3/8/2011	ME	US2	T	1.1	128.8	0.38	17.88	29.5	92.2	7.33	4.92	7.95	7

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3/8/2011	MF	DS1	B	9.2	282.7	0.27	17.52	30.17	92.38	7.37	16.68	7.93	22
3/8/2011	MF	DS1	B	8.9	28.1	0.2	17.5	30.21	91.33	7.29	17.29	7.91	24
3/8/2011	MF	DS1	M	5.5	256.4	0.49	17.61	29.98	92.45	7.37	16.48	7.92	21
3/8/2011	MF	DS1	M	5.5	284.1	0.55	17.74	29.69	92.92	7.4	16.08	7.93	19
3/8/2011	MF	DS1	T	1.1	302.4	0.35	17.83	29.46	94.32	7.51	11.56	7.93	16
3/8/2011	MF	DS1	T	1.1	338.1	0.4	17.84	29.42	94.21	7.5	9.75	7.93	18
3/8/2011	MF	DS2	B	7.8	290.3	0.29	17.72	29.76	93.64	7.46	19.9	7.94	30
3/8/2011	MF	DS2	B	8	305.3	0.38	17.72	29.72	93.26	7.43	16.58	7.93	30
3/8/2011	MF	DS2	M	5	300.9	0.46	17.83	29.36	94.38	7.52	10.65	7.93	11
3/8/2011	MF	DS2	M	5.1	357	0.43	17.84	29.33	94.37	7.52	9.55	7.93	12
3/8/2011	MF	DS2	T	1	327.3	0.75	17.85	29.32	94.82	7.55	8.54	7.93	10
3/8/2011	MF	DS2	T	1.1	339.4	0.39	17.85	29.31	94.63	7.54	8.34	7.93	10
3/8/2011	MF	DS3	B	7.9	326.2	0.35	17.83	29.34	95.05	7.57	10.75	7.96	13
3/8/2011	MF	DS3	B	8	315.2	0.34	17.83	29.32	94.92	7.56	12.76	7.94	13
3/8/2011	MF	DS3	M	5	348.3	0.51	17.83	29.33	94.72	7.55	11.76	7.95	14
3/8/2011	MF	DS3	M	5	310.1	0.46	17.83	29.32	94.7	7.55	11.26	7.94	15
3/8/2011	MF	DS3	T	1	317.2	0.47	17.83	29.32	95.07	7.58	8.44	7.95	11
3/8/2011	MF	DS3	T	1.2	306	0.75	17.83	29.32	94.85	7.56	9.35	7.93	11
3/8/2011	MF	DS4	B	8.1	311.5	0.23	17.85	29.29	96.46	7.68	12.56	7.98	13
3/8/2011	MF	DS4	B	8	300.4	0.31	17.85	29.29	94.54	7.53	15.88	7.96	13
3/8/2011	MF	DS4	M	5	299.3	0.31	17.85	29.29	94.9	7.56	10.85	7.97	14
3/8/2011	MF	DS4	M	5	335.1	0.23	17.86	29.29	94.4	7.52	13.87	7.96	16
3/8/2011	MF	DS4	T	1	306.4	0.47	17.85	29.29	95.15	7.58	10.15	7.97	12
3/8/2011	MF	DS4	T	1.1	313.5	0.35	17.86	29.29	94.75	7.55	10.25	7.96	11
3/8/2011	MF	DS5	B	8	255.7	0.5	17.84	29.41	95.35	7.59	8.24	7.96	10
3/8/2011	MF	DS5	B	8	342.5	0.52	17.84	29.39	94.66	7.54	9.55	7.96	11
3/8/2011	MF	DS5	M	5	339.6	0.27	17.85	29.35	94.36	7.51	6.93	7.96	7
3/8/2011	MF	DS5	M	5	32.1	0.36	17.85	29.35	93.95	7.48	6.83	7.96	7
3/8/2011	MF	DS5	T	1.1	307.9	0.31	17.85	29.31	94.42	7.52	6.23	7.96	8
3/8/2011	MF	DS5	T	1.1	319.6	0.32	17.85	29.28	94.31	7.51	5.73	7.96	7
3/8/2011	MF	MW1	B	18.9	46.6	0.28	17.13	30.85	93.99	7.52	3.32	7.94	6
3/8/2011	MF	MW1	B	19	24.1	0.45	17.16	30.78	94.16	7.53	3.32	7.96	6
3/8/2011	MF	MW1	M	10.4	271.9	0.12	17.2	30.69	94.84	7.59	3.32	7.96	5
3/8/2011	MF	MW1	M	10.5	34.1	0.21	17.2	30.7	94.71	7.58	3.02	7.96	6
3/8/2011	MF	MW1	T	1	17.5	0.64	17.22	30.65	95.4	7.63	3.02	7.96	7
3/8/2011	MF	MW1	T	1.1	253.2	0.1	17.22	30.57	95.46	7.64	2.71	7.96	5
3/8/2011	MF	US1	B	7.8	329.3	0.41	17.69	29.83	92.89	7.4	45.93	7.94	58
3/8/2011	MF	US1	B	8.2	304.1	0.38	17.64	29.89	93.47	7.45	44.92	7.93	58
3/8/2011	MF	US1	M	5.1	330.5	0.62	17.75	29.61	92.96	7.41	16.68	7.93	37
3/8/2011	MF	US1	M	5.1	0.3	0.41	17.69	29.8	91.9	7.32	28.94	7.93	11
3/8/2011	MF	US1	T	1.2	292.4	0.39	17.77	29.5	93.41	7.44	10.65	7.93	12
3/8/2011	MF	US1	T	1.2	306.4	0.75	17.78	29.52	92.96	7.41	9.75	7.93	49
3/8/2011	MF	US2	B	7	263.3	0.43	17.62	29.89	92.5	7.38	19.4	7.94	25
3/8/2011	MF	US2	B	6.9	338.1	0.27	17.63	29.85	91.29	7.28	18.79	7.92	26
3/8/2011	MF	US2	M	4.5	235.8	0.69	17.72	29.66	92.1	7.34	13.17	7.93	20
3/8/2011	MF	US2	M	4.5	349	0.38	17.64	29.81	91.45	7.29	14.77	7.92	19
3/8/2011	MF	US2	T	1	317.4	0.19	17.76	29.59	92.54	7.37	9.25	7.93	15
3/8/2011	MF	US2	T	1.2	290.3	0.35	17.76	29.61	92.36	7.36	9.65	7.93	16