

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)
4/12/2011	ME	DS1	B	7	133.7	0.72	21.08	30.9	130.1	9.67	5.08	8.04	8
4/12/2011	ME	DS1	B	6.9	86.9	0.53	21.01	31	126.33	9.39	4.78	8.02	7
4/12/2011	ME	DS1	M	4.5	104.6	0.19	21.53	30.15	149.14	11.04	2.39	8.19	5
4/12/2011	ME	DS1	M	4.4	134.9	0.71	21.51	30.23	147.43	10.91	2.39	8.17	6
4/12/2011	ME	DS1	T	1.3	100.6	0.28	21.54	30.13	155.71	11.52	2.09	8.2	5
4/12/2011	ME	DS1	T	1.3	109.4	0.55	21.55	30.13	154.1	11.4	1.89	8.2	3
4/12/2011	ME	DS2	B	7	97.5	0.47	20.88	31.11	124.49	9.27	6.27	8	10
4/12/2011	ME	DS2	B	6.9	85.6	0.4	20.91	31.08	124.97	9.3	6.37	8.01	8
4/12/2011	ME	DS2	M	4.5	81.3	0.4	21.15	30.73	128.07	9.51	4.38	8.07	10
4/12/2011	ME	DS2	M	4.4	97.1	0.57	21.3	30.55	138.02	10.23	3.49	8.12	8
4/12/2011	ME	DS2	T	1.3	127.2	0.45	21.52	30.16	150.17	11.12	2.29	8.19	8
4/12/2011	ME	DS2	T	1.2	133.3	0.4	21.5	30.16	151.65	11.23	1.89	8.2	10
4/12/2011	ME	DS3	B	12.2	221.5	0.35	20.88	31.07	126.72	9.44	4.78	8.03	14
4/12/2011	ME	DS3	B	12	358.1	0.38	20.86	31.11	122.55	9.13	4.38	8.02	12
4/12/2011	ME	DS3	M	7	121.2	0.29	21.14	30.67	132.99	9.88	3.39	8.09	7
4/12/2011	ME	DS3	M	6.9	136.2	0.43	21.12	30.69	131.51	9.78	3.69	8.09	7
4/12/2011	ME	DS3	T	1.2	92.1	0.43	21.42	30.23	151.71	11.25	1.79	8.2	5
4/12/2011	ME	DS3	T	1.2	150	0.44	21.42	30.22	150.7	11.17	1.69	8.21	6
4/12/2011	ME	DS4	B	7	71.4	0.27	20.8	31.34	122.51	9.12	3.59	8.03	6
4/12/2011	ME	DS4	B	7	65.9	0.2	20.89	31.16	122.99	9.15	4.08	8.03	6
4/12/2011	ME	DS4	M	4.5	108.1	0.57	21.25	30.51	136.04	10.1	2.49	8.14	9
4/12/2011	ME	DS4	M	4.5	107.4	0.64	21.29	30.43	140.5	10.43	2.19	8.16	10
4/12/2011	ME	DS4	T	1.2	98.7	0.46	21.38	30.24	150.34	11.15	1.99	8.21	7
4/12/2011	ME	DS4	T	1.1	78.6	0.74	21.39	30.28	138.33	10.26	2.39	8.21	5
4/12/2011	ME	DS5	B	6.1	341.6	0.13	20.81	31.31	122.76	9.14	3.98	8.03	8
4/12/2011	ME	DS5	B	6	98.8	0.72	20.9	31.15	123.04	9.16	3.39	8.03	6
4/12/2011	ME	DS5	M	4	111.6	0.23	21.17	30.64	135.69	10.08	2.29	8.12	6
4/12/2011	ME	DS5	M	4	93	0.55	21.31	30.42	144.62	10.73	2.09	8.18	4
4/12/2011	ME	DS5	T	1.2	74.3	0.24	21.33	30.33	148.31	11.01	1.59	8.21	6
4/12/2011	ME	DS5	T	1.2	155.9	0.46	21.33	30.33	148.69	11.03	1.39	8.21	6
4/12/2011	ME	MW1	B	19.2	0.5	0.57	20.78	32.18	128.73	9.54	1.69	8.09	8
4/12/2011	ME	MW1	B	18.8	353.5	0.58	20.74	32.25	125.48	9.31	2.09	8.07	7
4/12/2011	ME	MW1	M	10.6	51.5	0.54	20.75	32.22	127.26	9.44	2.39	8.08	6
4/12/2011	ME	MW1	M	10.6	141.3	0.1	20.83	32.12	130.31	9.66	1.49	8.1	6
4/12/2011	ME	MW1	T	1.2	102.8	0.6	21.02	31.85	139.07	10.29	1.89	8.14	5
4/12/2011	ME	MW1	T	1.2	89.3	0.42	21.07	31.79	139.34	10.3	1.2	8.15	6
4/12/2011	ME	US1	B	12	123.8	0.59	21.21	30.53	133.85	9.94	2.19	8.04	4
4/12/2011	ME	US1	B	12	123.8	0.59	21.13	30.48	135.63	10.09	1.89	8.03	5
4/12/2011	ME	US1	M	7	28.9	0.48	21.59	30.16	149.79	11.07	1.79	8.16	5
4/12/2011	ME	US1	M	6.9	74.2	0.3	21.6	30.15	152.56	11.28	2.29	8.18	6
4/12/2011	ME	US1	T	1.3	94.4	0.21	21.61	30.16	155.35	11.48	2.29	8.19	7
4/12/2011	ME	US1	T	1.2	126.8	0.3	21.61	30.16	155.26	11.47	2.09	8.18	6
4/12/2011	ME	US2	B	7	79.7	0.18	21.03	31.31	123.53	9.16	5.88	7.97	14
4/12/2011	ME	US2	B	7	73.8	0.44	21.03	31.13	125.01	9.28	4.38	7.99	12
4/12/2011	ME	US2	M	4.5	130.4	0.63	21.51	30.18	147.16	10.89	2.59	8.1	7
4/12/2011	ME	US2	M	4.5	144.2	0.28	21.57	30.12	152.82	11.3	2.19	8.14	9
4/12/2011	ME	US2	T	1.3	129.1	0.52	21.57	30.13	151.94	11.24	1.99	8.13	9
4/12/2011	ME	US2	T	1.2	255.6	0.1	21.57	30.12	153.71	11.37	1.69	8.14	7

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4/12/2011	MF	DS1	B	8	319.8	0.1	20.89	30.78	118.95	8.87	2.39	8.05	8
4/12/2011	MF	DS1	B	8	271.4	0.29	20.94	30.68	121.75	9.08	2.69	8.04	6
4/12/2011	MF	DS1	M	4.9	46.2	0.24	21.16	29.97	126.67	9.45	3.19	8.12	7
4/12/2011	MF	DS1	M	4.9	115.3	0.12	21.16	29.99	127.29	9.49	2.39	8.11	6
4/12/2011	MF	DS1	T	1.3	96.2	0.07	21.17	29.95	128.04	9.55	2.49	8.13	5
4/12/2011	MF	DS1	T	1.2	161.7	0.27	21.16	29.96	127.48	9.51	2.59	8.12	5
4/12/2011	MF	DS2	B	6.9	304.7	0.36	21.1	30.25	123.09	9.18	2.39	8.09	6
4/12/2011	MF	DS2	B	6.9	151	0.07	21.04	30.45	124.06	9.25	1.99	8.09	4
4/12/2011	MF	DS2	M	4.6	302.1	0.09	21.18	29.83	127.32	9.5	2.39	8.13	4
4/12/2011	MF	DS2	M	4.5	262.6	0.11	21.2	29.82	127.44	9.51	2.39	8.13	5
4/12/2011	MF	DS2	T	1.3	268.6	0.36	21.2	29.8	128.03	9.55	3.19	8.13	5
4/12/2011	MF	DS2	T	1.3	13.6	0.23	21.19	29.81	127.71	9.53	2.09	8.13	6
4/12/2011	MF	DS3	B	7	53.6	0.05	21.23	29.72	126.24	9.42	2.79	8.13	6
4/12/2011	MF	DS3	B	7	170.7	0.18	21.23	29.73	128.5	9.59	2.99	8.14	5
4/12/2011	MF	DS3	M	4.5	30.3	0.13	21.23	29.72	128.11	9.56	2.19	8.14	8
4/12/2011	MF	DS3	M	4.5	258	0.23	21.23	29.73	128.59	9.59	2.29	8.14	6
4/12/2011	MF	DS3	T	1.3	251.2	0.26	21.22	29.73	128.78	9.61	2.39	8.14	5
4/12/2011	MF	DS3	T	1.2	212.9	0.09	21.22	29.73	128.5	9.59	2.39	8.14	4
4/12/2011	MF	DS4	B	6.9	234.9	0.12	21.28	29.66	130.19	9.71	3.09	8.15	6
4/12/2011	MF	DS4	B	6.9	163.6	0.18	21.28	29.66	130.67	9.74	2.79	8.16	8
4/12/2011	MF	DS4	M	4.6	45.9	0.19	21.28	29.65	130.39	9.72	2.29	8.15	5
4/12/2011	MF	DS4	M	4.5	350.3	0.37	21.28	29.65	130.76	9.75	2.59	8.15	6
4/12/2011	MF	DS4	T	1.3	290.3	0.28	21.28	29.66	130.78	9.75	2.09	8.15	4
4/12/2011	MF	DS4	T	1.3	309.2	0.49	21.28	29.66	130.75	9.75	2.39	8.15	3
4/12/2011	MF	DS5	B	7	17.8	0.21	21.31	29.58	128.39	9.57	3.39	8.13	6
4/12/2011	MF	DS5	B	7	340.6	0.28	21.32	29.57	130.46	9.72	3.09	8.15	8
4/12/2011	MF	DS5	M	4.5	220.6	0.18	21.31	29.57	129.78	9.68	3.49	8.14	9
4/12/2011	MF	DS5	M	4.5	277.7	0.33	21.32	29.56	130.35	9.72	3.39	8.15	11
4/12/2011	MF	DS5	T	1.3	261.1	0.39	21.31	29.56	130.46	9.73	3.39	8.15	9
4/12/2011	MF	DS5	T	1.2	261.1	0.39	21.31	29.56	130.44	9.73	3.19	8.15	7
4/12/2011	MF	MW1	B	19	7.8	0.27	20.52	32.4	118.78	8.84	1.89	8.02	5
4/12/2011	MF	MW1	B	19	7.8	0.27	20.53	32.4	117.86	8.77	2.39	8.04	3
4/12/2011	MF	MW1	M	11.1	331.1	0.21	20.61	32.19	119.47	8.88	1.69	8.04	6
4/12/2011	MF	MW1	M	10.5	338.2	0.03	20.59	32.23	118.75	8.83	2.99	8.05	8
4/12/2011	MF	MW1	T	1.3	88.6	0.2	20.9	31.21	127.65	9.5	1.39	8.08	3
4/12/2011	MF	MW1	T	1.3	344.3	0.35	20.89	31.27	125.53	9.34	1.39	8.08	4
4/12/2011	MF	US1	B	6	55.1	0.14	21.07	30.22	124.44	9.28	2.59	8.1	3
4/12/2011	MF	US1	B	5.9	287.6	0.2	21.07	30.21	122.79	9.16	3.78	8.09	4
4/12/2011	MF	US1	M	4	318.7	0.24	21.16	30.02	127.92	9.54	2.69	8.13	10
4/12/2011	MF	US1	M	4	260	0.21	21.16	30.01	128	9.54	2.59	8.13	8
4/12/2011	MF	US1	T	1.2	243.7	0.23	21.16	30.01	128.51	9.58	2.39	8.13	10
4/12/2011	MF	US1	T	1.2	10.8	0.14	21.16	30.01	128.39	9.57	2.59	8.13	10
4/12/2011	MF	US2	B	6.1	303.8	0.37	21.14	30.11	127.62	9.52	2.29	8.13	7
4/12/2011	MF	US2	B	5.9	319.4	0.31	21.13	30.11	126.07	9.4	3.09	8.12	7
4/12/2011	MF	US2	M	4.1	343.9	0.2	21.14	30.08	128.21	9.56	2.59	8.13	7
4/12/2011	MF	US2	M	4	266.3	0.08	21.14	30.08	127.84	9.53	3.39	8.13	5
4/12/2011	MF	US2	T	1.2	226.2	0.24	21.14	30.08	128.32	9.57	2.49	8.13	8
4/12/2011	MF	US2	T	1.2	273.7	0.05	21.14	30.07	128.4	9.58	2.19	8.13	6