

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)
22-12-2011	ME	DS1	B	8.9	120.3	0.18	18.85	31.89	92.0	7.08	16.8	7.77	18
22-12-2011	ME	DS1	B	8.9	243.9	0.16	18.84	31.88	89.5	6.89	12.9	7.80	24
22-12-2011	ME	DS1	M	4.9	42.9	0.19	18.88	31.89	90.3	6.94	9.9	7.79	14
22-12-2011	ME	DS1	M	5.0	44.3	0.24	18.86	31.89	89.5	6.88	10.8	7.80	12
22-12-2011	ME	DS1	T	1.3	62.8	0.12	18.89	31.89	90.3	6.94	9.0	7.80	9
22-12-2011	ME	DS1	T	1.2	47.7	0.37	18.90	31.89	90.1	6.93	8.8	7.80	10
22-12-2011	ME	DS2	B	17.1	93.3	0.49	18.82	31.88	90.4	6.96	9.3	7.80	9
22-12-2011	ME	DS2	B	16.8	178.0	0.28	18.84	31.88	89.3	6.87	7.0	7.80	10
22-12-2011	ME	DS2	M	8.9	91.8	0.25	18.85	31.88	89.4	6.88	6.8	7.79	6
22-12-2011	ME	DS2	M	9.2	61.6	0.25	18.86	31.88	89.4	6.88	5.9	7.80	7
22-12-2011	ME	DS2	T	1.4	207.3	0.31	18.92	31.88	90.8	6.98	6.9	7.81	6
22-12-2011	ME	DS2	T	1.4	86.3	0.31	18.89	31.88	90.0	6.92	6.3	7.80	6
22-12-2011	ME	DS3	B	8.9	64.9	0.14	18.79	31.87	92.1	7.10	7.5	7.80	8
22-12-2011	ME	DS3	B	9.1	71.2	0.37	18.80	31.87	90.8	6.99	7.9	7.81	8
22-12-2011	ME	DS3	M	4.7	119.5	0.35	18.83	31.88	91.2	7.02	7.3	7.81	8
22-12-2011	ME	DS3	M	5.0	125.8	0.14	18.83	31.87	91.3	7.03	6.9	7.81	7
22-12-2011	ME	DS3	T	1.3	56.3	0.17	18.87	31.88	91.6	7.05	7.1	7.81	5
22-12-2011	ME	DS3	T	1.4	113.6	0.37	18.88	31.87	91.5	7.04	6.5	7.81	6
22-12-2011	ME	DS4	B	8.1	115.2	0.19	18.86	31.87	91.5	7.04	8.7	7.78	9
22-12-2011	ME	DS4	B	8.1	76.6	0.26	18.87	31.86	90.7	6.98	8.3	7.78	9
22-12-2011	ME	DS4	M	4.5	73.3	0.32	18.89	31.87	91.1	7.00	7.4	7.79	6
22-12-2011	ME	DS4	M	4.4	111.4	0.23	18.93	31.87	91.5	7.03	6.8	7.79	6
22-12-2011	ME	DS4	T	1.4	356.0	0.04	18.92	31.87	91.7	7.05	6.5	7.80	6
22-12-2011	ME	DS4	T	1.4	173.6	0.33	18.93	31.87	91.7	7.05	6.7	7.79	8
22-12-2011	ME	DS5	B	7.0	19.9	0.07	18.91	31.85	92.5	7.11	10.2	7.74	12
22-12-2011	ME	DS5	B	7.1	81.6	0.39	18.91	31.85	90.0	6.92	12.7	7.78	12
22-12-2011	ME	DS5	M	3.9	153.0	0.19	18.94	31.84	90.5	6.95	8.2	7.77	6
22-12-2011	ME	DS5	M	4.0	39.7	0.32	18.98	31.84	90.8	6.97	7.3	7.78	7
22-12-2011	ME	DS5	T	1.2	92.1	0.22	19.02	31.84	91.1	6.99	6.3	7.78	5
22-12-2011	ME	DS5	T	1.3	172.5	0.10	19.03	31.84	91.1	6.99	6.2	7.78	6
22-12-2011	ME	MW1	B	19.9	60.8	0.13	19.25	31.69	82.0	6.27	4.6	7.61	5
22-12-2011	ME	MW1	B	20.0	140.8	0.21	19.26	31.70	81.3	6.22	6.0	7.68	5
22-12-2011	ME	MW1	M	10.0	98.1	0.33	19.26	31.70	81.7	6.25	5.0	7.65	7
22-12-2011	ME	MW1	M	10.5	73.2	0.29	19.26	31.70	81.4	6.23	5.3	7.68	7
22-12-2011	ME	MW1	T	1.3	72.5	0.26	19.26	31.70	81.8	6.26	4.7	7.66	5
22-12-2011	ME	MW1	T	1.3	183.0	0.30	19.26	31.70	81.8	6.25	4.8	7.69	4
22-12-2011	ME	US1	B	10.1	72.7	0.28	18.72	31.90	92.2	7.11	11.4	7.79	14
22-12-2011	ME	US1	B	10.1	147.1	0.30	18.72	31.90	90.3	6.96	11.5	7.84	12
22-12-2011	ME	US1	M	5.4	127.3	0.12	18.81	31.90	90.9	7.00	9.7	7.81	10
22-12-2011	ME	US1	M	5.4	92.0	0.45	18.82	31.89	90.5	6.97	9.6	7.83	9
22-12-2011	ME	US1	T	1.2	65.0	0.18	18.91	31.90	90.5	6.95	7.7	7.81	7
22-12-2011	ME	US1	T	1.4	211.1	0.33	18.91	31.89	90.5	6.96	7.8	7.83	6
22-12-2011	ME	US2	B	10.0	182.5	0.09	18.83	31.89	91.6	7.05	10.6	7.78	12
22-12-2011	ME	US2	B	10.1	100.7	0.35	18.83	31.89	89.5	6.89	11.9	7.82	14
22-12-2011	ME	US2	M	5.4	101.7	0.17	18.88	31.89	90.0	6.92	8.0	7.80	9
22-12-2011	ME	US2	M	5.4	77.3	0.12	18.88	31.89	89.8	6.91	7.2	7.81	10
22-12-2011	ME	US2	T	1.3	102.2	0.26	18.92	31.89	90.6	6.96	6.2	7.81	8
22-12-2011	ME	US2	T	1.5	144.0	0.25	18.91	31.89	90.4	6.95	6.0	7.82	8

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22-12-2011	MF	DS1	B	10.0	352.8	0.57	19.08	31.83	95.8	7.35	13.5	7.75	20
22-12-2011	MF	DS1	B	9.8	295.6	0.53	19.09	31.82	93.9	7.20	13.1	7.78	18
22-12-2011	MF	DS1	M	5.6	292.1	0.70	19.09	31.82	94.1	7.21	13.4	7.77	27
22-12-2011	MF	DS1	M	5.5	310.4	0.76	19.09	31.82	93.9	7.20	14.5	7.78	28
22-12-2011	MF	DS1	T	1.4	285.6	0.58	19.10	31.82	94.0	7.21	11.2	7.77	15
22-12-2011	MF	DS1	T	1.3	270.9	0.67	19.09	31.82	94.0	7.21	10.8	7.78	14
22-12-2011	MF	DS2	B	10.0	319.4	0.30	18.96	31.86	96.6	7.42	18.0	7.76	10
22-12-2011	MF	DS2	B	10.0	316.7	0.54	18.97	31.86	94.8	7.28	10.6	7.78	14
22-12-2011	MF	DS2	M	5.5	288.2	0.26	18.97	31.86	95.2	7.31	9.4	7.77	13
22-12-2011	MF	DS2	M	5.4	310.0	0.43	18.97	31.86	94.9	7.29	9.2	7.78	14
22-12-2011	MF	DS2	T	1.4	297.8	0.63	18.97	31.86	95.1	7.30	9.2	7.77	13
22-12-2011	MF	DS2	T	1.4	307.7	0.50	18.97	31.86	95.1	7.30	8.9	7.78	14
22-12-2011	MF	DS3	B	9.1	278.3	0.24	18.84	31.87	95.4	7.34	10.3	7.76	12
22-12-2011	MF	DS3	B	9.0	326.7	0.54	18.84	31.87	94.4	7.26	10.0	7.78	14
22-12-2011	MF	DS3	M	5.6	304.5	0.33	18.87	31.87	94.9	7.30	8.8	7.77	12
22-12-2011	MF	DS3	M	5.4	304.5	0.66	18.86	31.87	94.6	7.28	9.4	7.78	14
22-12-2011	MF	DS3	T	1.3	28.3	0.33	18.90	31.87	95.0	7.30	9.3	7.77	12
22-12-2011	MF	DS3	T	1.3	324.0	0.65	18.94	31.86	95.0	7.30	8.9	7.78	14
22-12-2011	MF	DS4	B	10.1	309.8	0.58	18.79	31.88	95.3	7.34	15.2	7.74	21
22-12-2011	MF	DS4	B	10.0	318.9	0.25	18.79	31.88	94.2	7.26	15.6	7.77	17
22-12-2011	MF	DS4	M	5.7	295.4	0.63	18.98	31.85	95.3	7.32	6.7	7.76	11
22-12-2011	MF	DS4	M	5.6	333.3	0.53	18.93	31.86	94.9	7.30	7.6	7.77	13
22-12-2011	MF	DS4	T	1.3	292.2	0.46	19.03	31.84	95.4	7.32	5.6	7.76	7
22-12-2011	MF	DS4	T	1.3	296.8	0.84	18.99	31.84	95.3	7.32	5.8	7.77	8
22-12-2011	MF	DS5	B	9.1	0.6	0.27	18.81	31.90	96.4	7.42	10.8	7.77	15
22-12-2011	MF	DS5	B	9.2	334.8	0.50	18.79	31.89	95.6	7.36	12.3	7.77	17
22-12-2011	MF	DS5	M	5.0	295.2	0.49	18.86	31.89	96.4	7.42	7.9	7.77	8
22-12-2011	MF	DS5	M	5.0	357.7	0.37	18.84	31.88	95.8	7.37	7.2	7.77	11
22-12-2011	MF	DS5	T	1.2	298.8	0.63	18.96	31.89	97.2	7.46	5.8	7.77	11
22-12-2011	MF	DS5	T	1.4	305.5	0.50	18.95	31.88	96.3	7.40	6.0	7.78	8
22-12-2011	MF	MW1	B	20.0	316.2	0.17	19.32	31.68	88.7	6.77	5.0	7.67	7
22-12-2011	MF	MW1	B	20.1	177.7	0.18	19.32	31.66	87.1	6.65	4.4	7.70	9
22-12-2011	MF	MW1	M	10.6	8.0	0.40	19.31	31.67	88.0	6.72	5.1	7.68	7
22-12-2011	MF	MW1	M	10.5	112.9	0.14	19.32	31.66	87.2	6.66	4.5	7.70	7
22-12-2011	MF	MW1	T	1.3	93.1	0.08	19.31	31.66	88.0	6.72	4.6	7.69	7
22-12-2011	MF	MW1	T	1.2	288.4	0.02	19.30	31.66	87.6	6.69	4.1	7.71	6
22-12-2011	MF	US1	B	11.0	316.0	0.59	19.11	31.81	93.6	7.17	14.3	7.76	17
22-12-2011	MF	US1	B	11.0	298.3	0.48	19.11	31.80	93.5	7.16	15.1	7.77	23
22-12-2011	MF	US1	M	6.3	283.0	0.52	19.11	31.81	93.2	7.14	11.5	7.77	9
22-12-2011	MF	US1	M	6.1	322.8	0.69	19.13	31.80	92.8	7.11	9.6	7.77	8
22-12-2011	MF	US1	T	1.3	272.6	0.74	19.14	31.79	92.8	7.10	6.0	7.77	7
22-12-2011	MF	US1	T	1.1	282.9	0.65	19.14	31.79	92.5	7.08	6.4	7.77	6
22-12-2011	MF	US2	B	16.4	310.5	0.25	19.13	31.78	90.7	6.95	86.5	7.74	119
22-12-2011	MF	US2	B	16.8	310.5	0.25	19.14	31.78	87.8	6.73	63.1	7.75	128
22-12-2011	MF	US2	M	9.6	255.4	0.19	19.14	31.79	92.7	7.10	13.2	7.78	12
22-12-2011	MF	US2	M	9.6	350.3	0.40	19.16	31.79	92.4	7.08	12.0	7.78	15
22-12-2011	MF	US2	T	1.4	267.1	0.72	19.17	31.79	93.0	7.12	8.7	7.78	9
22-12-2011	MF	US2	T	1.5	281.7	0.85	19.33	31.73	92.1	7.03	5.2	7.77	9