

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)
12-01-2012	ME	DS1	B	9.9	82.9	0.49	16.80	31.31	7.4	99.8	8.01	7.83	9
12-01-2012	ME	DS1	B	9.9	138.2	0.15	16.80	31.32	9.1	98.9	7.94	7.84	8
12-01-2012	ME	DS1	M	5.5	142.5	0.15	16.81	31.33	8.0	99.0	7.95	7.85	8
12-01-2012	ME	DS1	M	5.6	105.6	0.36	16.81	31.32	8.1	99.1	7.96	7.84	6
12-01-2012	ME	DS1	T	1.1	93.4	0.20	16.81	31.32	6.5	99.8	8.01	7.85	6
12-01-2012	ME	DS1	T	1.1	204.8	0.47	16.81	31.31	6.6	99.9	8.02	7.84	5
12-01-2012	ME	DS2	B	18.1	94.5	0.42	16.80	31.34	7.2	99.3	7.97	7.82	6
12-01-2012	ME	DS2	B	18.0	102.2	0.31	16.80	31.33	8.0	98.8	7.93	7.84	4
12-01-2012	ME	DS2	M	9.6	164.8	0.13	16.80	31.33	7.8	99.4	7.98	7.84	7
12-01-2012	ME	DS2	M	9.5	116.0	0.52	16.81	31.32	6.4	99.5	7.99	7.84	9
12-01-2012	ME	DS2	T	1.1	65.8	0.34	16.82	31.33	6.5	100.3	8.05	7.84	5
12-01-2012	ME	DS2	T	1.0	122.4	0.30	16.82	31.32	6.3	100.5	8.06	7.85	6
12-01-2012	ME	DS3	B	9.2	109.8	0.28	16.74	31.33	8.0	100.3	8.06	7.83	8
12-01-2012	ME	DS3	B	9.1	97.3	0.35	16.75	31.32	7.9	99.7	8.01	7.85	7
12-01-2012	ME	DS3	M	5.2	139.1	0.31	16.77	31.33	7.1	100.2	8.05	7.85	5
12-01-2012	ME	DS3	M	4.9	108.5	0.49	16.77	31.32	6.6	100.0	8.04	7.85	5
12-01-2012	ME	DS3	T	1.1	101.6	0.38	16.82	31.32	6.0	100.6	8.08	7.85	4
12-01-2012	ME	DS3	T	1.1	50.3	0.26	16.83	31.30	6.8	100.4	8.06	7.85	6
12-01-2012	ME	DS4	B	9.0	54.0	0.22	16.67	31.30	15.2	100.0	8.05	7.85	10
12-01-2012	ME	DS4	B	9.0	95.3	0.26	16.67	31.29	13.2	99.6	8.02	7.86	12
12-01-2012	ME	DS4	M	5.1	133.7	0.41	16.66	31.29	10.1	99.7	8.03	7.86	10
12-01-2012	ME	DS4	M	5.0	91.8	0.51	16.66	31.28	10.9	99.8	8.04	7.86	10
12-01-2012	ME	DS4	T	1.1	100.7	0.63	16.67	31.29	9.6	100.7	8.11	7.86	8
12-01-2012	ME	DS4	T	1.4	108.8	0.35	16.68	31.28	8.7	100.5	8.09	7.87	7
12-01-2012	ME	DS5	B	8.1	100.8	0.27	16.65	31.29	17.9	100.5	8.10	7.88	14
12-01-2012	ME	DS5	B	7.9	75.6	0.40	16.66	31.28	14.3	100.4	8.08	7.88	15
12-01-2012	ME	DS5	M	4.6	94.0	0.39	16.66	31.29	11.5	100.7	8.11	7.88	8
12-01-2012	ME	DS5	M	4.6	53.3	0.54	16.67	31.28	10.7	100.9	8.13	7.87	8
12-01-2012	ME	DS5	T	1.3	66.9	0.36	16.68	31.28	9.5	101.5	8.17	7.88	8
12-01-2012	ME	DS5	T	1.3	84.4	0.39	16.68	31.28	10.3	101.3	8.16	7.88	9
12-01-2012	ME	MW1	B	20.0	329.4	0.11	17.12	31.33	5.1	98.1	7.83	7.87	4
12-01-2012	ME	MW1	B	20.2	4.8	0.37	17.12	31.30	6.6	97.7	7.80	7.86	4
12-01-2012	ME	MW1	M	10.4	181.2	0.10	17.12	31.32	5.5	98.4	7.85	7.87	5
12-01-2012	ME	MW1	M	10.4	67.6	0.28	17.11	31.30	6.3	98.2	7.84	7.86	6
12-01-2012	ME	MW1	T	1.0	89.3	0.16	17.11	31.31	4.9	98.7	7.88	7.87	4
12-01-2012	ME	MW1	T	0.8	125.4	0.30	17.11	31.30	6.2	98.8	7.88	7.86	6
12-01-2012	ME	US1	B	11.0	95.2	0.22	16.69	31.31	19.7	98.2	7.90	7.83	19
12-01-2012	ME	US1	B	10.9	65.6	0.33	16.67	31.29	19.0	97.8	7.87	7.84	19
12-01-2012	ME	US1	M	6.2	196.2	0.22	16.74	31.31	14.3	98.1	7.89	7.83	13
12-01-2012	ME	US1	M	6.0	11.3	0.02	16.73	31.30	12.1	98.1	7.89	7.83	12
12-01-2012	ME	US1	T	1.1	135.1	0.29	16.74	31.31	11.5	98.6	7.92	7.82	10
12-01-2012	ME	US1	T	1.0	107.9	0.10	16.75	31.30	10.6	98.6	7.93	7.83	10
12-01-2012	ME	US2	B	11.0	225.6	0.14	16.70	31.31	14.9	98.8	7.95	7.78	13
12-01-2012	ME	US2	B	11.0	150.1	0.20	16.77	31.32	10.7	98.4	7.91	7.81	14
12-01-2012	ME	US2	M	5.9	159.2	0.25	16.80	31.33	10.1	98.4	7.90	7.81	9
12-01-2012	ME	US2	M	5.8	116.7	0.20	16.79	31.32	10.4	98.2	7.89	7.81	8
12-01-2012	ME	US2	T	1.0	154.2	0.10	16.84	31.33	7.5	98.8	7.92	7.81	7
12-01-2012	ME	US2	T	1.0	34.6	0.16	16.85	31.32	6.8	98.9	7.94	7.81	7

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12-01-2012	MF	DS1	B	9.0	300.9	0.35	16.62	31.35	24.2	97.7	7.87	7.89	25
12-01-2012	MF	DS1	B	9.1	316.0	0.28	16.64	31.33	25.8	96.8	7.80	7.89	25
12-01-2012	MF	DS1	M	5.4	253.0	0.23	16.63	31.35	23.9	97.2	7.83	7.89	20
12-01-2012	MF	DS1	M	5.7	281.7	0.34	16.64	31.37	24.6	97.0	7.81	7.89	27
12-01-2012	MF	DS1	T	1.2	324.9	0.47	16.63	31.34	23.4	97.2	7.83	7.89	19
12-01-2012	MF	DS1	T	1.0	322.4	0.46	16.64	31.33	20.6	97.3	7.83	7.89	21
12-01-2012	MF	DS2	B	9.0	313.5	0.30	16.69	31.38	18.0	98.1	7.89	7.89	18
12-01-2012	MF	DS2	B	9.1	272.6	0.38	16.66	31.36	18.7	97.2	7.83	7.89	20
12-01-2012	MF	DS2	M	5.5	296.6	0.42	16.68	31.37	14.6	97.8	7.87	7.89	19
12-01-2012	MF	DS2	M	5.6	251.3	0.31	16.70	31.36	17.3	97.4	7.84	7.89	21
12-01-2012	MF	DS2	T	1.3	316.6	0.44	16.70	31.37	16.7	97.7	7.86	7.89	19
12-01-2012	MF	DS2	T	1.1	284.0	0.07	16.72	31.37	14.0	97.7	7.86	7.89	18
12-01-2012	MF	DS3	B	9.0	278.8	0.30	16.75	31.42	14.3	98.3	7.90	7.88	14
12-01-2012	MF	DS3	B	9.1	315.2	0.25	16.75	31.40	12.7	97.6	7.84	7.88	16
12-01-2012	MF	DS3	M	5.5	301.2	0.35	16.75	31.41	10.1	98.0	7.87	7.88	8
12-01-2012	MF	DS3	M	5.3	354.2	0.26	16.75	31.39	9.2	97.8	7.86	7.88	7
12-01-2012	MF	DS3	T	1.1	306.1	0.53	16.75	31.40	7.4	98.4	7.91	7.89	8
12-01-2012	MF	DS3	T	1.1	312.1	0.57	16.75	31.39	7.5	98.2	7.89	7.88	8
12-01-2012	MF	DS4	B	9.1	353.2	0.87	16.75	31.43	18.4	98.5	7.91	7.88	13
12-01-2012	MF	DS4	B	9.0	183.4	0.19	16.74	31.40	19.6	97.7	7.85	7.89	15
12-01-2012	MF	DS4	M	5.4	313.5	0.60	16.74	31.42	9.7	98.2	7.89	7.89	11
12-01-2012	MF	DS4	M	5.7	324.8	0.38	16.74	31.39	11.6	97.9	7.87	7.90	11
12-01-2012	MF	DS4	T	0.9	302.0	0.42	16.74	31.41	8.6	98.6	7.92	7.90	9
12-01-2012	MF	DS4	T	1.1	297.6	0.31	16.75	31.39	8.0	98.4	7.90	7.91	10
12-01-2012	MF	DS5	B	9.0	297.5	0.40	16.77	31.45	12.1	99.3	7.97	7.85	15
12-01-2012	MF	DS5	B	9.1	343.3	0.51	16.78	31.41	13.1	97.7	7.84	7.89	16
12-01-2012	MF	DS5	M	4.9	344.9	0.14	16.78	31.43	11.6	98.2	7.88	7.88	13
12-01-2012	MF	DS5	M	5.1	315.2	0.24	16.78	31.41	10.5	97.7	7.84	7.89	11
12-01-2012	MF	DS5	T	0.9	308.1	0.41	16.78	31.42	9.7	98.2	7.88	7.89	12
12-01-2012	MF	DS5	T	1.0	311.1	0.35	16.78	31.40	8.0	98.2	7.88	7.90	10
12-01-2012	MF	MW1	B	20.0	80.6	0.69	17.06	31.34	17.1	96.8	7.73	7.77	14
12-01-2012	MF	MW1	B	20.0	70.5	0.52	17.06	31.33	15.2	96.4	7.70	7.81	22
12-01-2012	MF	MW1	M	10.4	186.3	0.01	17.06	31.34	11.4	96.7	7.73	7.79	17
12-01-2012	MF	MW1	M	10.5	29.1	0.39	17.06	31.33	12.3	96.6	7.72	7.81	15
12-01-2012	MF	MW1	T	1.2	74.0	0.32	17.06	31.34	8.3	97.0	7.75	7.80	13
12-01-2012	MF	MW1	T	1.0	89.7	0.33	17.06	31.33	11.4	96.8	7.73	7.82	14
12-01-2012	MF	US1	B	10.1	294.3	0.29	16.60	31.34	43.7	98.1	7.91	7.90	41
12-01-2012	MF	US1	B	10.2	304.0	0.51	16.60	31.32	41.8	96.8	7.80	7.91	40
12-01-2012	MF	US1	M	5.5	296.1	0.35	16.60	31.33	34.1	97.1	7.83	7.91	34
12-01-2012	MF	US1	M	5.4	309.1	0.50	16.60	31.31	29.4	97.0	7.82	7.91	33
12-01-2012	MF	US1	T	1.1	336.2	0.99	16.60	31.32	19.1	97.6	7.87	7.91	19
12-01-2012	MF	US1	T	0.9	291.9	0.71	16.61	31.31	20.9	97.4	7.85	7.91	21
12-01-2012	MF	US2	B	18.1	259.3	0.26	16.65	31.35	36.5	97.2	7.83	7.90	36
12-01-2012	MF	US2	B	17.9	287.2	0.42	16.75	31.37	24.5	97.4	7.83	7.88	37
12-01-2012	MF	US2	M	9.6	279.1	0.12	16.76	31.38	19.8	97.0	7.80	7.89	22
12-01-2012	MF	US2	M	9.5	334.9	0.05	16.80	31.38	18.5	97.1	7.79	7.89	22
12-01-2012	MF	US2	T	1.1	238.1	0.44	16.81	31.38	11.2	97.7	7.84	7.89	11
12-01-2012	MF	US2	T	1.0	353.7	0.02	16.81	31.35	14.7	97.9	7.86	7.89	11