

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)
17-05-2012	ME	DS1	B	8.8	85.7	0.36	26.19	24.69	71.7	5.05	4.4	7.86	4
17-05-2012	ME	DS1	B	9.2	88.8	0.39	26.25	24.47	73.8	5.19	4.8	7.86	6
17-05-2012	ME	DS1	M	5.0	93.6	0.76	26.38	23.93	70.2	4.95	4.6	7.86	5
17-05-2012	ME	DS1	M	5.0	120.1	0.45	26.45	23.61	70.9	5.00	4.5	7.87	6
17-05-2012	ME	DS1	T	1.2	119.4	0.93	26.85	21.98	80.5	5.69	2.5	7.93	8
17-05-2012	ME	DS1	T	1.1	107.0	0.44	28.22	16.74	101.9	7.24	2.1	8.11	6
17-05-2012	ME	DS2	B	15.2	105.6	0.32	25.76	26.91	71.1	4.97	7.9	7.86	15
17-05-2012	ME	DS2	B	15.1	359.6	0.43	25.74	26.99	70.5	4.93	7.5	7.87	13
17-05-2012	ME	DS2	M	8.1	77.3	0.68	26.35	24.00	71.5	5.03	5.0	7.88	8
17-05-2012	ME	DS2	M	8.0	73.7	0.53	26.38	23.85	72.1	5.08	5.5	7.88	7
17-05-2012	ME	DS2	T	1.3	79.7	0.54	28.25	16.91	103.3	7.33	1.8	8.11	3
17-05-2012	ME	DS2	T	1.1	98.4	0.28	28.19	16.39	107.4	7.65	2.1	8.15	2
17-05-2012	ME	DS3	B	8.0	110.6	0.58	26.28	24.38	74.3	5.23	4.5	7.89	7
17-05-2012	ME	DS3	B	7.9	91.5	0.61	26.27	24.46	75.1	5.28	5.6	7.90	8
17-05-2012	ME	DS3	M	4.6	70.6	0.40	26.46	23.48	74.0	5.22	4.7	7.90	6
17-05-2012	ME	DS3	M	4.6	94.7	0.56	26.42	23.63	72.9	5.14	5.0	7.90	6
17-05-2012	ME	DS3	T	1.2	117.5	0.70	27.69	18.24	100.1	7.11	1.8	8.09	3
17-05-2012	ME	DS3	T	1.1	124.2	0.46	28.07	16.73	106.3	7.57	2.1	8.15	2
17-05-2012	ME	DS4	B	7.1	107.3	0.60	26.34	24.09	75.9	5.34	2.8	7.90	8
17-05-2012	ME	DS4	B	7.2	63.0	0.48	26.36	24.00	76.5	5.39	5.2	7.90	7
17-05-2012	ME	DS4	M	4.2	114.7	0.51	26.69	22.30	78.1	5.52	4.4	7.93	5
17-05-2012	ME	DS4	M	3.8	86.6	0.75	26.87	21.65	82.4	5.83	3.4	7.96	6
17-05-2012	ME	DS4	T	1.0	111.0	0.64	28.10	15.94	117.5	8.40	1.7	8.23	4
17-05-2012	ME	DS4	T	1.3	111.7	0.67	28.04	16.40	110.6	7.90	1.8	8.19	3
17-05-2012	ME	DS5	B	7.1	92.4	0.46	26.35	24.12	77.4	5.45	5.8	7.92	7
17-05-2012	ME	DS5	B	6.9	79.9	0.52	26.35	24.08	74.0	5.21	6.4	7.89	8
17-05-2012	ME	DS5	M	4.0	58.6	0.58	26.75	22.12	80.0	5.65	4.0	7.95	3
17-05-2012	ME	DS5	M	4.0	100.2	0.73	26.52	23.30	76.6	5.40	4.5	7.91	4
17-05-2012	ME	DS5	T	1.1	105.0	0.78	27.80	17.23	108.9	7.77	1.9	8.17	1
17-05-2012	ME	DS5	T	1.4	102.4	0.75	27.97	16.64	107.1	7.64	2.2	8.16	1
17-05-2012	ME	MW1	B	20.1	5.4	0.54	25.35	29.19	76.0	5.29	2.3	7.88	3
17-05-2012	ME	MW1	B	20.2	10.7	0.46	25.37	29.14	76.0	5.29	1.8	7.89	4
17-05-2012	ME	MW1	M	10.5	307.2	0.22	25.60	28.18	77.9	5.43	1.8	7.90	4
17-05-2012	ME	MW1	M	10.6	325.0	0.11	25.51	28.54	76.9	5.35	1.8	7.90	4
17-05-2012	ME	MW1	T	0.7	70.0	0.61	26.61	24.26	92.5	6.48	0.9	8.02	2
17-05-2012	ME	MW1	T	1.3	60.1	0.50	26.24	25.60	86.1	6.02	1.1	7.98	3
17-05-2012	ME	US1	B	9.0	64.1	0.59	26.22	24.56	69.5	4.89	6.5	7.84	10
17-05-2012	ME	US1	B	8.8	104.9	0.61	26.27	24.35	74.5	5.25	6.9	7.85	9
17-05-2012	ME	US1	M	5.1	111.8	0.36	26.39	23.94	69.0	4.86	5.7	7.84	8
17-05-2012	ME	US1	M	5.0	93.9	0.83	26.34	24.10	68.6	4.83	6.2	7.84	9
17-05-2012	ME	US1	T	1.2	136.3	0.68	27.97	16.01	100.2	7.18	2.4	8.10	7
17-05-2012	ME	US1	T	1.0	112.1	0.73	28.11	15.80	110.0	7.87	2.1	8.16	8
17-05-2012	ME	US2	B	8.8	87.7	0.71	26.23	24.56	71.4	5.03	8.1	7.78	11
17-05-2012	ME	US2	B	9.1	121.5	0.65	26.22	24.58	70.2	4.94	6.2	7.79	12
17-05-2012	ME	US2	M	4.9	109.1	0.69	27.04	21.05	85.4	6.05	2.6	7.91	2
17-05-2012	ME	US2	M	4.9	106.9	0.37	27.42	18.55	96.9	6.91	2.1	8.01	3
17-05-2012	ME	US2	T	1.2	87.5	0.34	27.99	15.56	108.5	7.79	1.7	8.10	3
17-05-2012	ME	US2	T	1.1	139.5	0.49	28.01	15.54	109.6	7.87	1.6	8.11	3

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17-05-2012	MF	DS1	B	13.1	248.5	0.27	25.89	26.23	68.7	4.82	5.9	7.93	7
17-05-2012	MF	DS1	B	12.8	320.2	0.20	25.86	26.30	63.7	4.47	6.5	7.91	9
17-05-2012	MF	DS1	M	7.0	293.7	0.30	26.16	24.96	66.8	4.69	6.0	7.94	8
17-05-2012	MF	DS1	M	7.1	319.4	0.27	26.12	25.16	65.8	4.62	6.1	7.93	10
17-05-2012	MF	DS1	T	1.3	35.4	0.39	28.14	17.78	103.4	7.31	2.6	8.18	3
17-05-2012	MF	DS1	T	1.2	1.2	0.46	27.82	18.21	94.6	6.71	3.8	8.14	3
17-05-2012	MF	DS2	B	9.1	35.6	0.28	26.48	23.64	73.1	5.15	4.0	7.97	4
17-05-2012	MF	DS2	B	8.9	260.1	0.20	26.52	23.41	72.0	5.07	3.7	7.96	4
17-05-2012	MF	DS2	M	4.9	356.4	0.19	27.02	20.97	80.1	5.67	3.1	8.03	2
17-05-2012	MF	DS2	M	5.1	258.3	0.11	27.05	20.84	80.4	5.70	3.0	8.03	3
17-05-2012	MF	DS2	T	1.2	299.8	0.38	27.48	20.01	90.8	6.41	2.1	8.09	3
17-05-2012	MF	DS2	T	1.3	265.2	0.30	27.39	19.96	88.2	6.24	2.7	8.08	3
17-05-2012	MF	DS3	B	8.9	314.5	0.39	26.45	23.90	74.2	5.22	4.7	7.95	3
17-05-2012	MF	DS3	B	9.0	273.3	0.54	26.42	24.02	69.8	4.91	4.4	7.93	5
17-05-2012	MF	DS3	M	5.0	308.8	0.54	26.78	22.23	76.4	5.39	3.1	7.98	6
17-05-2012	MF	DS3	M	4.8	355.7	0.07	26.76	22.26	74.7	5.27	3.6	7.97	4
17-05-2012	MF	DS3	T	1.1	285.4	0.33	27.49	19.84	90.7	6.41	2.3	8.07	3
17-05-2012	MF	DS3	T	1.3	274.5	0.42	27.47	20.07	88.1	6.22	2.4	8.06	2
17-05-2012	MF	DS4	B	8.0	296.7	0.55	26.47	24.01	72.6	5.10	4.8	7.95	6
17-05-2012	MF	DS4	B	8.1	321.6	0.30	26.47	23.93	74.2	5.22	5.2	7.95	7
17-05-2012	MF	DS4	M	4.5	326.1	0.48	26.71	22.91	75.6	5.33	3.5	7.98	3
17-05-2012	MF	DS4	M	4.6	354.5	0.15	26.68	23.00	74.7	5.26	3.7	7.96	4
17-05-2012	MF	DS4	T	1.3	340.4	0.27	28.09	15.62	99.8	7.15	2.2	8.16	1
17-05-2012	MF	DS4	T	1.1	287.6	0.24	27.96	17.81	95.0	6.74	2.2	8.12	1
17-05-2012	MF	DS5	B	8.0	304.3	0.45	26.55	23.94	77.3	5.43	4.0	7.97	5
17-05-2012	MF	DS5	B	7.8	271.1	0.20	26.56	23.87	77.4	5.44	3.1	7.95	4
17-05-2012	MF	DS5	M	4.1	262.1	0.17	26.69	23.12	77.3	5.44	3.1	7.98	3
17-05-2012	MF	DS5	M	4.4	319.6	0.38	26.71	22.95	77.4	5.45	2.9	7.97	2
17-05-2012	MF	DS5	T	1.3	258.8	0.10	28.40	14.23	109.2	7.84	2.1	8.23	2
17-05-2012	MF	DS5	T	1.2	255.9	0.27	28.02	16.32	76.1	5.44	3.2	8.16	2
17-05-2012	MF	MW1	B	20.1	350.3	0.11	25.25	29.44	74.7	5.20	5.1	7.97	6
17-05-2012	MF	MW1	B	20.2	24.0	0.49	25.25	29.38	75.0	5.22	4.4	7.95	5
17-05-2012	MF	MW1	M	10.6	240.5	0.18	25.46	28.66	75.2	5.24	3.3	7.97	7
17-05-2012	MF	MW1	M	10.6	130.3	0.16	25.40	28.94	74.9	5.21	3.5	7.96	6
17-05-2012	MF	MW1	T	1.3	96.7	0.25	26.30	25.39	84.6	5.92	1.8	8.03	5
17-05-2012	MF	MW1	T	0.8	297.8	0.12	26.35	25.18	84.5	5.91	1.8	8.03	4
17-05-2012	MF	US1	B	9.1	92.0	0.26	26.70	22.54	80.6	5.69	4.4	8.00	4
17-05-2012	MF	US1	B	8.8	80.6	0.17	26.15	25.04	67.5	4.74	6.2	7.95	6
17-05-2012	MF	US1	M	5.0	343.9	0.23	26.81	21.98	77.8	5.50	3.5	8.00	6
17-05-2012	MF	US1	M	5.1	271.1	0.43	26.66	22.67	73.7	5.20	4.7	7.99	8
17-05-2012	MF	US1	T	1.2	326.7	0.30	27.02	20.98	81.5	5.77	3.2	8.04	4
17-05-2012	MF	US1	T	1.0	304.3	0.27	27.66	17.91	98.6	7.02	2.2	8.15	3
17-05-2012	MF	US2	B	14.0	262.2	0.02	25.89	26.33	66.5	4.66	8.2	7.94	12
17-05-2012	MF	US2	B	14.0	274.9	0.09	25.90	26.36	72.5	5.07	9.7	7.97	13
17-05-2012	MF	US2	M	7.4	267.8	0.31	26.45	23.60	72.7	5.13	6.1	7.99	8
17-05-2012	MF	US2	M	7.5	301.9	0.43	26.29	24.38	72.2	5.08	7.0	7.99	9
17-05-2012	MF	US2	T	1.2	323.7	0.62	27.32	19.21	91.8	6.53	2.7	8.11	4
17-05-2012	MF	US2	T	1.3	256.2	0.22	27.46	19.29	94.2	6.68	3.1	8.14	4