

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)
26-04-2012	ME	DS1	B	9.0	148.0	0.18	23.45	25.87	85.4	6.26	23.2	7.88	36
26-04-2012	ME	DS1	B	9.0	104.9	0.13	23.45	25.86	84.6	6.20	20.8	7.88	34
26-04-2012	ME	DS1	M	4.9	109.6	0.32	23.82	22.88	86.1	6.38	15.2	7.87	15
26-04-2012	ME	DS1	M	5.0	103.5	0.40	23.80	23.17	86.8	6.42	12.3	7.87	13
26-04-2012	ME	DS1	T	1.4	120.2	0.80	24.86	20.61	92.5	6.81	7.8	7.87	12
26-04-2012	ME	DS1	T	0.8	136.7	0.66	25.01	20.69	92.0	6.76	8.2	7.85	11
26-04-2012	ME	DS2	B	15.9	134.4	0.54	23.15	28.60	84.1	6.10	33.8	7.91	43
26-04-2012	ME	DS2	B	16.0	3.0	0.21	23.14	28.78	83.4	6.04	29.0	7.89	46
26-04-2012	ME	DS2	M	8.6	90.6	0.37	23.37	26.09	84.7	6.21	30.4	7.90	32
26-04-2012	ME	DS2	M	8.2	60.5	0.51	23.37	25.98	85.3	6.26	29.4	7.90	34
26-04-2012	ME	DS2	T	1.4	107.9	0.83	24.90	20.79	90.6	6.67	10.0	7.85	8
26-04-2012	ME	DS2	T	1.4	133.7	0.65	24.79	20.77	91.3	6.72	6.9	7.87	8
26-04-2012	ME	DS3	B	7.8	83.0	0.48	23.59	24.95	86.0	6.32	12.6	7.90	19
26-04-2012	ME	DS3	B	8.0	75.2	0.56	23.45	25.64	85.9	6.30	21.2	7.90	20
26-04-2012	ME	DS3	M	4.3	107.5	0.74	23.78	23.44	85.2	6.29	10.9	7.87	12
26-04-2012	ME	DS3	M	4.7	118.4	0.63	23.78	23.44	85.0	6.28	13.5	7.85	11
26-04-2012	ME	DS3	T	1.5	112.8	0.69	24.83	20.74	91.2	6.72	6.8	7.84	14
26-04-2012	ME	DS3	T	0.7	138.3	0.79	25.15	20.76	91.2	6.68	8.4	7.84	12
26-04-2012	ME	DS4	B	8.1	96.8	0.60	23.63	24.80	86.6	6.37	15.8	7.89	20
26-04-2012	ME	DS4	B	8.2	67.7	0.78	23.57	25.23	85.7	6.29	18.7	7.89	19
26-04-2012	ME	DS4	M	4.3	105.8	0.37	23.86	22.88	86.1	6.37	10.6	7.86	10
26-04-2012	ME	DS4	M	4.6	101.4	0.45	23.88	22.67	86.0	6.37	8.2	7.86	10
26-04-2012	ME	DS4	T	0.9	114.5	0.75	25.63	20.90	93.5	6.78	6.8	7.87	6
26-04-2012	ME	DS4	T	1.0	128.6	0.65	24.90	20.76	91.5	6.73	6.7	7.85	7
26-04-2012	ME	DS5	B	6.8	95.2	0.61	23.54	25.09	86.2	6.33	14.7	7.89	9
26-04-2012	ME	DS5	B	7.0	81.8	0.60	23.58	24.77	86.1	6.33	13.8	7.89	9
26-04-2012	ME	DS5	M	3.6	105.1	0.41	23.97	22.39	86.2	6.38	8.5	7.84	8
26-04-2012	ME	DS5	M	4.0	96.7	0.70	23.96	22.38	86.2	6.39	8.0	7.84	8
26-04-2012	ME	DS5	T	1.2	120.4	0.71	25.43	20.88	92.0	6.70	6.5	7.85	6
26-04-2012	ME	DS5	T	0.9	103.4	0.92	25.30	20.88	91.5	6.68	6.8	7.84	8
26-04-2012	ME	MW1	B	21.1	265.1	0.35	23.23	28.92	87.6	6.33	4.0	7.86	7
26-04-2012	ME	MW1	B	21.2	137.0	0.06	23.20	29.02	86.9	6.28	4.4	7.82	5
26-04-2012	ME	MW1	M	11.2	106.0	0.21	24.49	21.72	92.6	6.82	4.0	7.82	4
26-04-2012	ME	MW1	M	11.1	71.5	0.23	24.40	22.22	92.4	6.80	4.0	7.81	4
26-04-2012	ME	MW1	T	1.1	85.7	0.65	24.93	18.60	95.9	7.14	4.2	7.79	4
26-04-2012	ME	MW1	T	1.2	69.2	0.68	24.84	19.22	95.2	7.07	4.1	7.79	4
26-04-2012	ME	US1	B	10.1	119.1	0.07	23.55	25.20	84.2	6.18	14.8	7.85	17
26-04-2012	ME	US1	B	10.1	56.1	0.31	23.52	25.38	83.8	6.15	16.9	7.84	17
26-04-2012	ME	US1	M	5.8	121.1	0.35	23.81	23.16	88.0	6.51	10.1	7.86	16
26-04-2012	ME	US1	M	5.6	124.8	0.45	23.64	24.39	84.5	6.22	13.2	7.84	14
26-04-2012	ME	US1	T	1.1	132.9	0.52	24.34	20.82	92.0	6.83	7.1	7.87	11
26-04-2012	ME	US1	T	1.3	129.7	0.87	24.52	20.59	91.8	6.81	7.5	7.86	10
26-04-2012	ME	US2	B	10.0	106.0	0.10	23.56	24.62	94.0	6.93	11.3	7.90	21
26-04-2012	ME	US2	B	10.1	176.1	0.06	23.51	25.04	87.3	6.43	26.1	7.88	21
26-04-2012	ME	US2	M	5.7	118.6	0.44	24.36	20.58	91.6	6.81	6.8	7.86	10
26-04-2012	ME	US2	M	5.8	100.5	0.40	24.40	20.68	91.6	6.80	10.5	7.86	8
26-04-2012	ME	US2	T	1.0	126.8	0.73	25.34	19.77	94.0	6.90	7.6	7.84	8
26-04-2012	ME	US2	T	0.8	136.7	0.70	25.69	18.77	102.1	7.49	7.6	7.92	8

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26-04-2012	MF	DS1	B	8.0	289.1	0.56	23.55	24.71	83.9	6.18	9.7	7.76	13
26-04-2012	MF	DS1	B	8.0	253.4	0.50	23.54	24.77	80.0	5.89	9.9	7.74	12
26-04-2012	MF	DS1	M	4.7	284.5	0.61	23.84	22.91	82.2	6.09	11.6	7.74	16
26-04-2012	MF	DS1	M	4.8	261.9	0.68	23.74	23.60	81.4	6.01	12.1	7.74	18
26-04-2012	MF	DS1	T	0.8	318.2	0.76	24.48	17.50	86.9	6.56	6.3	7.70	6
26-04-2012	MF	DS1	T	1.2	295.2	0.68	24.45	17.92	86.7	6.53	5.9	7.70	7
26-04-2012	MF	DS2	B	9.0	298.8	0.31	23.69	23.76	81.6	6.03	8.2	7.75	11
26-04-2012	MF	DS2	B	9.0	292.4	0.30	23.69	23.76	80.9	5.98	8.2	7.73	12
26-04-2012	MF	DS2	M	5.0	304.5	0.50	23.85	22.82	81.7	6.05	8.1	7.74	8
26-04-2012	MF	DS2	M	4.7	317.8	0.61	24.00	21.85	82.5	6.12	7.9	7.73	9
26-04-2012	MF	DS2	T	1.1	318.7	0.34	24.62	15.73	86.6	6.59	5.2	7.65	6
26-04-2012	MF	DS2	T	1.3	273.8	0.68	24.54	16.65	85.2	6.46	5.9	7.66	6
26-04-2012	MF	DS3	B	9.0	291.7	0.50	23.79	23.18	82.4	6.10	8.8	7.76	12
26-04-2012	MF	DS3	B	9.0	329.3	0.19	23.81	23.06	81.3	6.02	8.5	7.74	10
26-04-2012	MF	DS3	M	5.3	323.7	0.97	24.12	21.11	83.3	6.20	6.8	7.74	7
26-04-2012	MF	DS3	M	5.2	307.2	0.90	24.26	20.15	83.8	6.26	5.9	7.72	5
26-04-2012	MF	DS3	T	1.0	315.7	0.59	24.56	15.42	83.9	6.40	5.2	7.66	6
26-04-2012	MF	DS3	T	1.1	319.2	0.57	24.49	16.74	84.1	6.38	5.2	7.66	7
26-04-2012	MF	DS4	B	9.2	296.8	0.53	23.72	23.50	81.9	6.06	19.6	7.75	14
26-04-2012	MF	DS4	B	9.2	284.3	0.69	23.70	23.60	79.8	5.90	19.1	7.75	12
26-04-2012	MF	DS4	M	5.1	318.8	0.57	24.02	21.44	81.4	6.06	10.0	7.74	7
26-04-2012	MF	DS4	M	4.9	319.3	0.46	24.08	21.06	81.5	6.07	8.1	7.73	6
26-04-2012	MF	DS4	T	1.2	341.8	0.92	24.67	15.89	87.5	6.64	5.5	7.69	10
26-04-2012	MF	DS4	T	1.0	323.9	0.84	24.69	15.85	86.9	6.60	5.5	7.68	10
26-04-2012	MF	DS5	B	9.0	307.2	0.70	23.85	22.90	82.5	6.11	7.0	7.77	8
26-04-2012	MF	DS5	B	8.9	312.4	0.47	23.97	21.81	81.2	6.03	6.8	7.76	7
26-04-2012	MF	DS5	M	5.0	268.4	0.29	24.37	17.41	79.6	6.02	5.5	7.65	6
26-04-2012	MF	DS5	M	5.1	297.0	0.33	24.40	17.30	79.8	6.04	5.4	7.64	6
26-04-2012	MF	DS5	T	1.1	294.9	0.42	24.59	16.83	85.2	6.45	4.9	7.69	7
26-04-2012	MF	DS5	T	1.1	325.5	0.41	24.59	16.81	80.7	6.10	5.2	7.69	8
26-04-2012	MF	MW1	B	20.0	97.5	0.04	22.97	30.10	84.4	6.09	5.9	7.82	14
26-04-2012	MF	MW1	B	20.0	97.5	0.04	22.96	30.12	83.8	6.05	6.7	7.86	14
26-04-2012	MF	MW1	M	10.7	7.0	0.20	23.31	27.47	83.4	6.07	3.4	7.82	10
26-04-2012	MF	MW1	M	10.6	98.2	0.20	23.36	26.86	83.5	6.10	3.6	7.83	9
26-04-2012	MF	MW1	T	1.0	173.6	0.24	24.31	18.30	88.8	6.69	4.0	7.74	5
26-04-2012	MF	MW1	T	1.2	331.8	0.19	24.33	18.14	88.7	6.69	4.1	7.75	7
26-04-2012	MF	US1	B	8.9	245.9	0.62	23.63	24.53	84.4	6.21	10.1	7.78	15
26-04-2012	MF	US1	B	9.0	291.1	0.65	23.56	25.11	81.7	6.00	17.2	7.76	14
26-04-2012	MF	US1	M	4.8	297.4	0.88	23.91	22.41	83.2	6.17	10.4	7.75	9
26-04-2012	MF	US1	M	5.3	326.9	0.89	24.21	19.91	83.6	6.25	8.4	7.71	10
26-04-2012	MF	US1	T	1.1	315.3	0.94	24.55	16.62	86.8	6.58	5.6	7.68	6
26-04-2012	MF	US1	T	1.2	350.4	0.34	24.72	16.04	87.5	6.64	5.5	7.67	6
26-04-2012	MF	US2	B	14.9	235.7	0.54	23.59	25.10	83.8	6.15	40.7	7.77	32
26-04-2012	MF	US2	B	15.0	235.7	0.54	23.61	24.99	84.3	6.19	34.0	7.78	34
26-04-2012	MF	US2	M	8.3	348.5	0.35	23.64	24.68	83.9	6.17	37.0	7.76	46
26-04-2012	MF	US2	M	7.7	274.3	0.16	23.69	24.32	84.5	6.22	34.2	7.77	47
26-04-2012	MF	US2	T	1.2	281.0	0.52	24.43	17.08	86.2	6.53	9.1	7.69	10
26-04-2012	MF	US2	T	1.2	298.8	0.95	24.49	17.02	87.0	6.59	4.9	7.68	11