

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)
22-02-2012	ME	DS1	B	8.9	100.5	0.28	16.50	31.60	94.6	7.63	21.1	7.65	28
22-02-2012	ME	DS1	B	9.0	110.9	0.53	16.50	31.59	94.5	7.62	25.9	7.66	30
22-02-2012	ME	DS1	M	5.0	94.5	0.27	16.52	31.58	94.5	7.62	13.5	7.65	18
22-02-2012	ME	DS1	M	5.1	100.2	0.45	16.51	31.58	94.6	7.63	11.8	7.66	19
22-02-2012	ME	DS1	T	1.2	92.7	0.31	16.57	31.57	95.1	7.66	8.8	7.65	11
22-02-2012	ME	DS1	T	1.2	97.1	0.44	16.55	31.57	94.9	7.64	9.5	7.66	11
22-02-2012	ME	DS2	B	14.8	50.5	0.18	16.52	31.58	94.3	7.60	38.1	7.65	56
22-02-2012	ME	DS2	B	14.8	174.6	0.34	16.52	31.57	94.3	7.60	37.6	7.66	58
22-02-2012	ME	DS2	M	7.9	86.4	0.19	16.51	31.58	94.4	7.61	20.1	7.66	30
22-02-2012	ME	DS2	M	8.1	110.6	0.26	16.51	31.58	94.5	7.62	22.8	7.66	29
22-02-2012	ME	DS2	T	1.2	96.4	0.06	16.58	31.56	95.2	7.66	5.3	7.66	7
22-02-2012	ME	DS2	T	1.2	226.6	0.44	16.61	31.55	95.3	7.67	5.1	7.66	6
22-02-2012	ME	DS3	B	8.0	96.7	0.42	16.50	31.57	94.3	7.61	22.2	7.65	30
22-02-2012	ME	DS3	B	7.9	64.8	0.22	16.50	31.56	94.4	7.61	21.7	7.66	32
22-02-2012	ME	DS3	M	4.4	105.2	0.33	16.50	31.56	94.4	7.62	19.3	7.65	29
22-02-2012	ME	DS3	M	4.6	79.6	0.40	16.51	31.56	94.4	7.61	18.9	7.66	27
22-02-2012	ME	DS3	T	1.3	133.3	0.59	16.61	31.55	95.4	7.68	6.1	7.66	11
22-02-2012	ME	DS3	T	1.1	74.2	0.51	16.62	31.54	95.2	7.66	6.3	7.66	13
22-02-2012	ME	DS4	B	7.9	67.3	0.44	16.49	31.59	94.6	7.63	16.2	7.66	25
22-02-2012	ME	DS4	B	8.0	23.3	0.32	16.45	31.59	94.5	7.63	21.5	7.66	25
22-02-2012	ME	DS4	M	4.5	106.3	0.29	16.51	31.56	94.7	7.63	9.4	7.66	21
22-02-2012	ME	DS4	M	4.5	94.0	0.58	16.47	31.57	94.5	7.62	13.2	7.66	22
22-02-2012	ME	DS4	T	1.2	73.4	0.37	16.59	31.53	95.4	7.68	6.7	7.66	12
22-02-2012	ME	DS4	T	1.1	99.7	0.33	16.63	31.54	95.5	7.68	6.3	7.66	12
22-02-2012	ME	DS5	B	7.0	63.5	0.35	16.45	31.63	95.4	7.70	11.0	7.66	14
22-02-2012	ME	DS5	B	6.9	59.6	0.43	16.44	31.62	95.1	7.67	12.3	7.67	12
22-02-2012	ME	DS5	M	3.9	66.8	0.49	16.46	31.61	95.3	7.69	10.2	7.66	15
22-02-2012	ME	DS5	M	4.0	97.8	0.43	16.44	31.61	95.2	7.68	13.0	7.67	16
22-02-2012	ME	DS5	T	1.2	64.6	0.54	16.64	31.54	95.8	7.71	5.9	7.66	7
22-02-2012	ME	DS5	T	1.2	86.4	0.59	16.68	31.52	95.8	7.70	6.0	7.66	7
22-02-2012	ME	MW1	B	19.9	336.5	0.11	16.42	31.89	90.5	7.30	5.3	7.60	8
22-02-2012	ME	MW1	B	20.2	34.0	0.35	16.42	31.84	90.0	7.26	7.8	7.57	7
22-02-2012	ME	MW1	M	10.4	37.6	0.27	16.42	31.86	90.5	7.30	6.0	7.57	7
22-02-2012	ME	MW1	M	10.1	199.2	0.09	16.42	31.84	91.2	7.36	6.5	7.58	8
22-02-2012	ME	MW1	T	1.1	98.8	0.28	16.42	31.85	90.6	7.31	6.6	7.57	8
22-02-2012	ME	MW1	T	0.8	70.1	0.17	16.43	31.83	90.8	7.32	6.3	7.59	8
22-02-2012	ME	US1	B	10.7	53.9	0.24	16.49	31.64	94.5	7.62	12.7	7.64	14
22-02-2012	ME	US1	B	10.9	108.5	0.39	16.49	31.63	94.6	7.62	14.3	7.65	13
22-02-2012	ME	US1	M	6.0	97.6	0.61	16.50	31.61	94.6	7.63	10.3	7.64	14
22-02-2012	ME	US1	M	6.0	76.1	0.40	16.50	31.61	94.7	7.63	13.5	7.66	13
22-02-2012	ME	US1	T	1.2	107.3	0.33	16.55	31.57	94.7	7.63	8.5	7.64	11
22-02-2012	ME	US1	T	1.1	105.7	0.32	16.54	31.58	94.8	7.64	7.8	7.65	10
22-02-2012	ME	US2	B	9.2	112.7	0.21	16.47	31.61	94.4	7.62	9.3	7.63	12
22-02-2012	ME	US2	B	9.1	159.4	0.31	16.49	31.59	94.2	7.60	7.0	7.64	10
22-02-2012	ME	US2	M	4.9	139.1	0.41	16.50	31.59	94.6	7.63	7.0	7.63	9
22-02-2012	ME	US2	M	5.0	88.2	0.19	16.50	31.59	94.4	7.62	6.8	7.64	10
22-02-2012	ME	US2	T	1.2	88.0	1.07	16.57	31.58	95.2	7.67	6.5	7.64	8
22-02-2012	ME	US2	T	1.1	91.8	0.46	16.71	31.36	95.2	7.65	5.1	7.63	6

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)
22-02-2012	MF	DS1	B	9.2	307.4	0.62	16.57	31.41	93.7	7.56	24.2	7.71	31
22-02-2012	MF	DS1	B	8.9	309.1	0.47	16.57	31.41	93.8	7.56	18.6	7.72	32
22-02-2012	MF	DS1	M	5.0	268.8	0.51	16.57	31.41	93.8	7.56	19.9	7.71	26
22-02-2012	MF	DS1	M	5.0	302.8	0.36	16.57	31.41	93.9	7.57	17.5	7.72	26
22-02-2012	MF	DS1	T	1.0	308.2	0.48	16.57	31.41	94.0	7.58	16.4	7.72	25
22-02-2012	MF	DS1	T	1.1	308.0	0.40	16.57	31.41	94.1	7.59	22.1	7.72	23
22-02-2012	MF	DS2	B	9.0	4.3	0.21	16.58	31.29	94.1	7.59	26.1	7.71	31
22-02-2012	MF	DS2	B	9.0	339.0	0.29	16.60	31.26	93.3	7.53	26.5	7.71	31
22-02-2012	MF	DS2	M	5.1	316.7	0.10	16.61	31.20	93.5	7.54	24.7	7.70	38
22-02-2012	MF	DS2	M	5.1	319.2	0.47	16.60	31.25	93.5	7.54	24.5	7.71	37
22-02-2012	MF	DS2	T	1.1	326.0	0.57	16.62	31.18	93.4	7.53	18.4	7.70	30
22-02-2012	MF	DS2	T	1.2	338.1	0.44	16.62	31.20	93.5	7.54	18.6	7.70	30
22-02-2012	MF	DS3	B	9.0	304.3	0.51	16.63	31.20	93.3	7.52	17.8	7.69	19
22-02-2012	MF	DS3	B	8.9	311.0	0.34	16.64	31.17	92.7	7.47	19.1	7.69	19
22-02-2012	MF	DS3	M	5.0	318.8	0.46	16.65	31.16	92.9	7.49	16.0	7.69	21
22-02-2012	MF	DS3	M	4.9	359.5	0.44	16.64	31.18	92.9	7.49	14.8	7.70	19
22-02-2012	MF	DS3	T	0.9	316.3	0.51	16.66	31.14	93.1	7.50	10.2	7.69	20
22-02-2012	MF	DS3	T	1.1	337.6	0.44	16.64	31.17	93.0	7.50	14.4	7.69	22
22-02-2012	MF	DS4	B	8.8	308.6	0.34	16.69	30.98	92.6	7.46	19.5	7.66	31
22-02-2012	MF	DS4	B	9.1	331.4	0.79	16.69	30.98	92.1	7.42	22.2	7.67	30
22-02-2012	MF	DS4	M	5.2	328.4	0.52	16.69	30.97	92.4	7.45	20.7	7.67	32
22-02-2012	MF	DS4	M	5.0	291.3	0.56	16.69	30.97	92.2	7.43	22.5	7.67	30
22-02-2012	MF	DS4	T	1.1	316.5	0.58	16.69	30.95	92.4	7.45	16.6	7.67	20
22-02-2012	MF	DS4	T	1.0	317.0	0.62	16.69	30.96	92.4	7.45	16.8	7.67	21
22-02-2012	MF	DS5	B	8.8	288.8	0.48	16.70	30.95	92.2	7.43	13.8	7.66	19
22-02-2012	MF	DS5	B	9.1	14.9	0.38	16.70	30.92	91.6	7.38	13.2	7.66	20
22-02-2012	MF	DS5	M	4.9	356.4	0.37	16.70	30.92	91.8	7.40	11.0	7.66	16
22-02-2012	MF	DS5	M	5.1	353.2	0.38	16.71	30.89	91.7	7.39	11.2	7.66	17
22-02-2012	MF	DS5	T	1.1	332.0	0.61	16.73	30.86	92.0	7.41	9.3	7.66	14
22-02-2012	MF	DS5	T	1.0	351.5	0.61	16.73	30.84	91.9	7.41	8.3	7.66	13
22-02-2012	MF	MW1	B	19.0	3.9	0.44	16.42	31.79	92.1	7.43	13.8	7.62	9
22-02-2012	MF	MW1	B	19.0	313.5	0.19	16.42	31.80	91.9	7.41	6.9	7.69	11
22-02-2012	MF	MW1	M	10.0	328.3	0.51	16.42	31.79	92.4	7.45	6.8	7.67	10
22-02-2012	MF	MW1	M	10.1	337.7	0.31	16.42	31.81	92.2	7.44	7.1	7.69	9
22-02-2012	MF	MW1	T	1.0	335.8	0.43	16.42	31.79	92.6	7.47	5.8	7.67	7
22-02-2012	MF	MW1	T	1.1	354.7	0.33	16.42	31.80	92.6	7.47	5.9	7.69	22
22-02-2012	MF	US1	B	9.2	315.4	0.49	16.42	31.65	95.2	7.68	25.9	7.74	35
22-02-2012	MF	US1	B	9.1	21.0	0.32	16.47	31.58	94.5	7.62	17.7	7.74	33
22-02-2012	MF	US1	M	5.0	318.8	0.71	16.54	31.48	95.1	7.66	14.3	7.73	19
22-02-2012	MF	US1	M	5.0	334.2	0.60	16.52	31.50	94.5	7.62	13.6	7.73	18
22-02-2012	MF	US1	T	1.0	329.2	0.49	16.58	31.42	94.3	7.60	9.0	7.72	16
22-02-2012	MF	US1	T	1.3	287.5	0.41	16.57	31.42	94.3	7.60	9.3	7.72	15
22-02-2012	MF	US2	B	15.8	342.0	0.26	16.44	31.65	94.7	7.64	28.6	7.74	37
22-02-2012	MF	US2	B	15.8	327.9	0.18	16.44	31.65	94.3	7.61	29.9	7.74	36
22-02-2012	MF	US2	M	8.3	250.1	0.14	16.52	31.52	94.6	7.63	12.5	7.73	27
22-02-2012	MF	US2	M	8.6	312.5	0.36	16.48	31.58	94.5	7.62	14.2	7.74	25
22-02-2012	MF	US2	T	1.2	292.9	0.53	16.56	31.48	94.6	7.62	9.2	7.73	23
22-02-2012	MF	US2	T	1.1	179.3	0.38	16.51	31.53	94.6	7.63	16.5	7.73	21