

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)
13-03-2012	ME	DS1	B	9.2	121.8	0.38	16.52	30.07	95.6	7.78	33.9	7.72	53
13-03-2012	ME	DS1	B	9.0	92.1	0.77	16.52	30.10	93.6	7.61	36.1	7.76	54
13-03-2012	ME	DS1	M	4.9	115.9	0.42	16.54	29.94	94.3	7.68	25.4	7.73	37
13-03-2012	ME	DS1	M	5.1	118.1	0.65	16.53	29.97	93.9	7.64	27.6	7.76	35
13-03-2012	ME	DS1	T	1.5	70.9	0.74	16.56	29.79	93.7	7.63	17.3	7.74	24
13-03-2012	ME	DS1	T	1.4	90.1	0.47	16.58	29.66	93.7	7.63	11.9	7.75	26
13-03-2012	ME	DS2	B	15.1	94.2	0.20	16.58	30.03	92.7	7.54	22.5	7.73	47
13-03-2012	ME	DS2	B	15.1	100.6	0.38	16.58	30.03	91.7	7.46	20.4	7.76	50
13-03-2012	ME	DS2	M	8.0	84.9	0.38	16.56	30.01	91.9	7.48	19.7	7.76	35
13-03-2012	ME	DS2	M	8.0	100.2	0.37	16.56	30.00	92.0	7.48	20.9	7.77	34
13-03-2012	ME	DS2	T	1.5	82.6	0.35	16.59	29.63	93.1	7.59	15.0	7.76	23
13-03-2012	ME	DS2	T	1.6	136.8	0.51	16.58	29.67	93.0	7.58	14.3	7.77	24
13-03-2012	ME	DS3	B	8.1	74.1	0.60	16.53	30.01	95.1	7.74	29.6	7.77	38
13-03-2012	ME	DS3	B	7.9	72.4	0.73	16.52	30.04	92.9	7.56	34.2	7.79	38
13-03-2012	ME	DS3	M	4.5	82.1	0.94	16.58	29.89	92.4	7.51	17.7	7.76	39
13-03-2012	ME	DS3	M	4.4	70.7	0.44	16.57	29.87	92.1	7.49	17.8	7.78	40
13-03-2012	ME	DS3	T	1.3	60.5	0.43	16.61	29.63	92.3	7.51	9.8	7.76	23
13-03-2012	ME	DS3	T	1.5	112.9	0.52	16.60	29.68	92.4	7.52	10.8	7.77	21
13-03-2012	ME	DS4	B	8.1	61.7	0.42	16.56	30.04	94.4	7.68	27.6	7.77	38
13-03-2012	ME	DS4	B	8.0	55.3	0.39	16.56	30.11	91.5	7.44	30.3	7.76	39
13-03-2012	ME	DS4	M	4.6	62.0	0.74	16.55	29.97	92.3	7.51	22.6	7.78	41
13-03-2012	ME	DS4	M	4.5	75.8	0.33	16.55	30.03	91.5	7.44	25.0	7.76	44
13-03-2012	ME	DS4	T	1.4	50.8	0.55	16.61	29.72	91.9	7.48	7.4	7.74	17
13-03-2012	ME	DS4	T	1.2	82.4	0.62	16.62	29.67	92.1	7.50	9.9	7.76	20
13-03-2012	ME	DS5	B	7.0	82.7	0.65	16.54	30.17	92.4	7.51	23.1	7.78	27
13-03-2012	ME	DS5	B	6.9	85.0	0.52	16.54	30.16	92.0	7.48	24.3	7.80	28
13-03-2012	ME	DS5	M	4.0	95.6	0.60	16.56	29.93	92.0	7.49	15.5	7.78	28
13-03-2012	ME	DS5	M	4.1	101.0	0.59	16.55	30.09	91.7	7.46	20.7	7.79	29
13-03-2012	ME	DS5	T	1.4	84.8	0.72	16.63	29.60	91.9	7.48	6.8	7.77	13
13-03-2012	ME	DS5	T	1.3	72.3	0.56	16.61	29.73	91.8	7.47	9.0	7.78	10
13-03-2012	ME	MW1	B	21.1	95.4	0.12	16.56	30.71	92.7	7.51	3.3	7.78	8
13-03-2012	ME	MW1	B	20.9	95.4	0.12	16.56	30.71	91.2	7.38	3.2	7.80	8
13-03-2012	ME	MW1	M	11.2	52.6	0.26	16.56	30.69	91.5	7.41	3.1	7.79	8
13-03-2012	ME	MW1	M	11.2	4.9	0.33	16.57	30.68	91.2	7.38	3.0	7.80	6
13-03-2012	ME	MW1	T	1.3	54.0	0.68	16.58	30.50	91.6	7.42	2.0	7.79	4
13-03-2012	ME	MW1	T	1.4	39.1	0.91	16.58	30.50	91.6	7.42	2.1	7.80	4
13-03-2012	ME	US1	B	9.2	69.1	0.50	16.48	30.39	97.2	7.90	32.2	7.79	46
13-03-2012	ME	US1	B	9.2	80.4	0.44	16.49	30.32	95.2	7.73	27.0	7.80	42
13-03-2012	ME	US1	M	5.0	83.4	0.68	16.53	30.03	95.7	7.78	13.9	7.78	30
13-03-2012	ME	US1	M	5.1	52.0	0.89	16.51	30.18	95.1	7.74	17.3	7.80	30
13-03-2012	ME	US1	T	1.6	67.9	0.67	16.60	29.46	93.8	7.64	6.0	7.76	9
13-03-2012	ME	US1	T	1.4	94.1	0.75	16.60	29.44	94.1	7.68	6.8	7.76	9
13-03-2012	ME	US2	B	10.1	75.9	0.70	16.60	29.52	94.9	7.74	4.8	7.76	44
13-03-2012	ME	US2	B	10.0	62.9	0.13	16.60	29.49	94.6	7.71	4.5	7.76	47
13-03-2012	ME	US2	M	5.6	81.6	0.48	16.61	29.40	94.9	7.74	4.6	7.75	8
13-03-2012	ME	US2	M	5.5	61.2	0.07	16.61	29.39	94.5	7.71	4.6	7.76	8
13-03-2012	ME	US2	T	1.4	90.4	0.14	16.68	29.20	94.2	7.68	3.9	7.74	8
13-03-2012	ME	US2	T	1.3	60.7	0.23	16.65	29.28	94.2	7.68	4.1	7.75	6

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13-03-2012	MF	DS1	B	7.9	305.0	0.53	16.62	29.50	93.8	7.64	21.2	7.78	33
13-03-2012	MF	DS1	B	7.9	300.2	0.39	16.62	29.55	93.7	7.63	22.6	7.82	38
13-03-2012	MF	DS1	M	4.5	305.7	0.79	16.62	29.30	93.8	7.65	17.1	7.79	34
13-03-2012	MF	DS1	M	4.1	292.8	0.78	16.62	29.38	93.7	7.64	18.3	7.82	32
13-03-2012	MF	DS1	T	1.4	288.2	0.49	16.65	29.11	93.9	7.66	6.4	7.80	16
13-03-2012	MF	DS1	T	1.5	311.8	0.64	16.65	29.16	93.6	7.64	9.7	7.81	18
13-03-2012	MF	DS2	B	17.1	350.8	0.23	16.62	29.81	94.4	7.68	16.7	7.82	27
13-03-2012	MF	DS2	B	17.1	312.0	0.28	16.62	29.78	94.2	7.66	17.5	7.83	31
13-03-2012	MF	DS2	M	9.0	321.2	0.57	16.62	29.41	94.4	7.70	19.4	7.82	33
13-03-2012	MF	DS2	M	9.0	307.3	0.58	16.62	29.42	94.0	7.66	20.1	7.83	35
13-03-2012	MF	DS2	T	1.4	324.3	0.44	16.65	29.05	94.5	7.72	9.4	7.82	20
13-03-2012	MF	DS2	T	1.2	332.0	0.29	16.66	29.07	94.3	7.70	10.3	7.82	18
13-03-2012	MF	DS3	B	8.9	324.4	0.67	16.62	29.59	96.1	7.82	25.1	7.81	34
13-03-2012	MF	DS3	B	8.9	319.7	0.27	16.62	29.61	95.6	7.79	26.0	7.84	37
13-03-2012	MF	DS3	M	5.1	15.2	0.48	16.63	29.42	96.0	7.82	21.0	7.82	29
13-03-2012	MF	DS3	M	4.9	299.5	0.34	16.64	29.32	95.4	7.78	16.7	7.83	30
13-03-2012	MF	DS3	T	1.5	337.6	0.60	16.68	28.93	95.7	7.82	8.3	7.81	13
13-03-2012	MF	DS3	T	1.4	329.5	0.72	16.68	28.95	95.2	7.77	8.6	7.82	14
13-03-2012	MF	DS4	B	9.1	343.0	0.60	16.63	29.33	92.4	7.54	15.6	7.88	21
13-03-2012	MF	DS4	B	9.0	11.9	0.29	16.63	29.32	92.4	7.54	14.5	7.89	23
13-03-2012	MF	DS4	M	5.0	337.3	0.18	16.64	29.28	92.3	7.53	12.9	7.88	20
13-03-2012	MF	DS4	M	5.0	307.0	0.48	16.64	29.28	92.5	7.54	13.2	7.89	21
13-03-2012	MF	DS4	T	1.1	346.9	0.64	16.65	29.22	92.3	7.53	11.3	7.89	16
13-03-2012	MF	DS4	T	1.3	332.7	0.97	16.65	29.23	92.4	7.54	11.4	7.89	18
13-03-2012	MF	DS5	B	9.2	327.8	0.29	16.63	29.36	93.2	7.60	10.2	7.84	14
13-03-2012	MF	DS5	B	9.0	333.2	0.57	16.63	29.32	93.2	7.60	9.6	7.90	15
13-03-2012	MF	DS5	M	4.9	11.8	0.25	16.64	29.27	93.4	7.62	8.1	7.87	13
13-03-2012	MF	DS5	M	4.9	326.0	0.80	16.64	29.29	93.2	7.60	8.1	7.89	13
13-03-2012	MF	DS5	T	1.1	336.1	0.53	16.69	29.12	93.3	7.61	6.6	7.88	15
13-03-2012	MF	DS5	T	1.2	335.2	0.66	16.69	29.13	93.1	7.59	6.6	7.89	16
13-03-2012	MF	MW1	B	20.0	70.6	0.21	16.54	30.77	90.5	7.33	3.1	7.81	12
13-03-2012	MF	MW1	B	20.0	70.6	0.21	16.55	30.69	88.1	7.13	3.4	7.81	10
13-03-2012	MF	MW1	M	10.5	10.1	0.38	16.55	30.65	89.9	7.28	3.1	7.84	8
13-03-2012	MF	MW1	M	10.4	48.3	0.26	16.55	30.66	87.0	7.05	4.0	7.84	8
13-03-2012	MF	MW1	T	1.5	62.2	0.38	16.55	30.59	90.0	7.30	2.8	7.73	7
13-03-2012	MF	MW1	T	1.5	78.0	0.31	16.55	30.60	86.4	7.01	3.1	7.85	7
13-03-2012	MF	US1	B	10.0	294.1	1.00	16.60	29.61	95.4	7.77	32.1	7.77	40
13-03-2012	MF	US1	B	10.0	313.8	0.26	16.61	29.72	95.0	7.73	23.4	7.78	45
13-03-2012	MF	US1	M	5.6	344.9	0.58	16.61	29.53	95.4	7.77	20.0	7.78	26
13-03-2012	MF	US1	M	5.6	308.5	0.56	16.61	29.64	95.0	7.73	23.1	7.78	25
13-03-2012	MF	US1	T	1.6	315.3	0.47	16.65	29.31	95.3	7.77	10.2	7.78	28
13-03-2012	MF	US1	T	1.2	312.3	0.34	16.64	29.43	94.8	7.72	13.9	7.78	25
13-03-2012	MF	US2	B	15.1	152.4	0.23	16.61	29.62	94.8	7.72	29.3	7.76	50
13-03-2012	MF	US2	B	15.1	11.4	0.26	16.61	29.63	95.0	7.73	27.6	7.79	48
13-03-2012	MF	US2	M	8.0	325.8	0.27	16.61	29.60	94.9	7.73	22.7	7.78	35
13-03-2012	MF	US2	M	8.3	153.8	0.20	16.61	29.58	95.0	7.74	21.9	7.80	31
13-03-2012	MF	US2	T	1.3	286.2	0.42	16.63	29.41	95.1	7.75	5.3	7.79	7
13-03-2012	MF	US2	T	1.3	334.9	0.67	16.62	29.54	94.9	7.73	17.5	7.80	6