

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)
7/21/2011	ME	DS1	B	6.8	125.90	0.30	26.40	23.69	61.80	4.36	5.9	7.50	6.00
7/21/2011	ME	DS1	B	7.2	310.50	0.49	26.55	22.93	62.60	4.42	4.3	7.51	6.00
7/21/2011	ME	DS1	M	4.3	136.20	0.58	26.73	22.10	64.80	4.58	4.1	7.52	3.00
7/21/2011	ME	DS1	M	4.2	91.00	0.78	27.27	20.30	73.90	5.23	2.5	7.55	5.00
7/21/2011	ME	DS1	T	1.4	138.80	0.61	28.07	15.62	84.20	6.03	2.7	7.62	3.00
7/21/2011	ME	DS1	T	1.3	120.30	0.44	27.76	16.34	82.20	5.90	3.0	7.61	4.00
7/21/2011	ME	DS2	B	12.0	346.70	0.06	25.39	27.42	51.10	3.59	12.3	7.50	15.00
7/21/2011	ME	DS2	B	12.0	309.30	0.46	25.48	27.07	53.60	3.77	8.9	7.52	13.00
7/21/2011	ME	DS2	M	6.4	109.10	0.67	26.63	22.59	61.60	4.35	10.8	7.53	11.00
7/21/2011	ME	DS2	M	6.4	36.30	0.37	26.32	23.99	57.50	4.05	6.8	7.51	10.00
7/21/2011	ME	DS2	T	1.2	115.10	0.90	28.36	14.56	90.40	6.48	3.1	7.69	2.00
7/21/2011	ME	DS2	T	1.0	82.50	0.69	28.71	14.56	90.20	6.43	3.4	7.69	3.00
7/21/2011	ME	DS3	B	7.0	143.50	0.11	26.30	23.94	61.60	4.34	7.5	7.54	11.00
7/21/2011	ME	DS3	B	7.0	99.80	0.39	26.44	23.44	65.20	4.60	5.8	7.54	13.00
7/21/2011	ME	DS3	M	4.1	88.30	0.56	26.88	21.36	66.40	4.70	17.8	7.57	11.00
7/21/2011	ME	DS3	M	4.0	88.70	0.65	26.78	21.86	65.90	4.66	10.2	7.56	9.00
7/21/2011	ME	DS3	T	1.2	104.10	0.56	27.79	16.01	86.60	6.22	2.8	7.67	3.00
7/21/2011	ME	DS3	T	1.2	92.50	0.61	28.05	14.82	65.10	4.69	10.7	7.69	4.00
7/21/2011	ME	DS4	B	6.0	128.10	0.39	26.95	21.16	68.30	4.84	7.7	7.57	8.00
7/21/2011	ME	DS4	B	6.1	116.00	0.42	26.31	24.02	62.90	4.43	7.3	7.53	6.00
7/21/2011	ME	DS4	M	3.6	115.00	0.63	27.46	18.28	76.60	5.47	3.8	7.61	6.00
7/21/2011	ME	DS4	M	3.4	97.30	0.61	26.89	21.31	66.60	4.72	7.4	7.55	7.00
7/21/2011	ME	DS4	T	1.2	98.50	0.49	28.32	13.31	93.20	6.74	3.3	7.76	3.00
7/21/2011	ME	DS4	T	1.2	101.60	0.43	28.44	13.04	92.50	6.68	3.8	7.74	3.00
7/21/2011	ME	DS5	B	6.1	106.80	0.42	26.25	24.16	63.20	4.45	4.1	7.54	7.00
7/21/2011	ME	DS5	B	6.2	119.20	0.52	26.19	24.44	62.90	4.43	4.8	7.51	5.00
7/21/2011	ME	DS5	M	3.3	95.20	0.44	27.14	20.36	72.80	5.16	2.0	7.58	8.00
7/21/2011	ME	DS5	M	3.6	91.90	0.55	26.96	21.03	69.90	4.95	8.3	7.55	9.00
7/21/2011	ME	DS5	T	1.2	97.00	0.55	27.78	16.35	85.70	6.15	2.5	7.66	3.00
7/21/2011	ME	DS5	T	1.1	110.20	0.23	27.75	16.39	82.90	5.95	3.7	7.64	3.00
7/21/2011	ME	MW1	B	19.1	3.60	0.02	24.75	29.25	59.50	4.18	2.3	7.51	6.00
7/21/2011	ME	MW1	B	18.9	85.60	0.46	24.86	28.81	59.30	4.17	2.2	7.50	4.00
7/21/2011	ME	MW1	M	10.2	104.70	0.35	27.16	20.96	77.50	5.48	1.4	7.56	3.00
7/21/2011	ME	MW1	M	9.9	80.60	0.17	27.27	20.60	80.00	5.65	1.4	7.56	4.00
7/21/2011	ME	MW1	T	1.4	74.30	0.45	28.37	17.14	95.30	6.74	1.6	7.69	3.00
7/21/2011	ME	MW1	T	0.9	136.70	0.51	28.00	17.49	85.50	6.07	1.4	7.63	4.00
7/21/2011	ME	US1	B	7.1	128.00	0.25	26.34	23.93	61.30	4.32	5.4	7.46	8.00
7/21/2011	ME	US1	B	6.9	102.30	0.59	26.37	23.79	61.70	4.35	4.9	7.48	8.00
7/21/2011	ME	US1	M	4.2	103.90	0.25	26.64	22.36	61.60	4.36	4.4	7.49	6.00
7/21/2011	ME	US1	M	4.0	101.40	0.46	26.60	22.72	62.10	4.39	4.6	7.50	6.00
7/21/2011	ME	US1	T	1.3	127.00	0.87	27.87	16.01	85.40	6.13	2.6	7.60	2.00
7/21/2011	ME	US1	T	1.1	138.40	0.66	27.71	16.76	80.90	5.80	2.4	7.59	2.00
7/21/2011	ME	US2	B	27.0	276.50	0.17	25.67	26.83	48.10	3.37	8.6	7.37	12.00
7/21/2011	ME	US2	B	27.2	71.60	0.07	25.67	26.84	48.40	3.39	10.3	7.38	10.00
7/21/2011	ME	US2	M	14.0	115.70	0.21	25.92	25.83	51.10	3.59	6.4	7.38	9.00
7/21/2011	ME	US2	M	14.0	178.30	0.13	25.86	26.03	51.20	3.59	6.8	7.40	11.00
7/21/2011	ME	US2	T	1.3	156.10	0.42	28.30	14.65	84.50	6.06	3.0	7.57	3.00
7/21/2011	ME	US2	T	1.3	135.80	0.55	28.12	15.48	82.40	5.90	3.1	7.57	3.00

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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)
7/21/2011	MF	DS1	B	7.0	286.90	0.71	26.62	22.18	64.14	4.54	4.6	7.56	5.00
7/21/2011	MF	DS1	B	7.0	291.70	0.36	26.88	21.08	70.01	4.97	3.7	7.58	4.00
7/21/2011	MF	DS1	M	4.2	311.10	0.30	26.83	21.21	67.72	4.81	3.0	7.57	3.00
7/21/2011	MF	DS1	M	3.9	295.30	0.30	27.11	19.68	71.70	5.11	2.1	7.60	4.00
7/21/2011	MF	DS1	T	1.4	292.40	0.37	27.47	18.20	76.39	5.45	2.9	7.62	7.00
7/21/2011	MF	DS1	T	1.3	5.60	0.10	27.64	17.65	80.36	5.74	2.1	7.63	5.00
7/21/2011	MF	DS2	B	27.0	155.10	0.05	25.69	26.73	48.82	3.42	10.9	7.48	7.00
7/21/2011	MF	DS2	B	27.1	80.80	0.51	25.71	26.72	47.52	3.33	11.2	7.48	9.00
7/21/2011	MF	DS2	M	14.6	51.50	0.49	26.00	25.40	51.31	3.61	9.0	7.49	14.00
7/21/2011	MF	DS2	M	14.5	286.00	0.06	26.02	25.25	51.60	3.63	9.8	7.49	16.00
7/21/2011	MF	DS2	T	1.5	326.30	0.84	27.68	17.00	79.80	5.71	2.9	7.60	8.00
7/21/2011	MF	DS2	T	1.5	301.10	0.57	27.59	17.40	77.10	5.52	3.1	7.60	8.00
7/21/2011	MF	DS3	B	8.0	303.80	0.41	26.32	23.98	58.32	4.11	8.0	7.47	10.00
7/21/2011	MF	DS3	B	8.0	8.20	0.52	26.30	23.91	58.82	4.15	8.2	7.48	12.00
7/21/2011	MF	DS3	M	4.5	316.00	0.75	26.78	21.50	65.70	4.66	4.6	7.51	4.00
7/21/2011	MF	DS3	M	4.5	315.30	0.29	27.32	18.53	75.96	5.43	2.7	7.56	5.00
7/21/2011	MF	DS3	T	1.5	301.70	0.35	27.85	15.10	81.25	5.86	3.1	7.58	6.00
7/21/2011	MF	DS3	T	1.5	320.60	0.33	27.92	15.32	81.34	5.85	3.3	7.59	3.00
7/21/2011	MF	DS4	B	8.0	294.30	0.76	26.41	23.81	59.73	4.21	5.6	7.44	11.00
7/21/2011	MF	DS4	B	8.0	304.00	0.56	26.39	23.84	58.33	4.11	5.9	7.46	5.00
7/21/2011	MF	DS4	M	4.6	316.60	0.83	27.14	19.65	67.71	4.82	4.2	7.49	6.00
7/21/2011	MF	DS4	M	4.5	299.40	0.66	27.12	20.11	68.80	4.89	4.6	7.50	4.00
7/21/2011	MF	DS4	T	1.4	341.10	0.38	27.81	15.16	78.87	5.69	3.6	7.54	9.00
7/21/2011	MF	DS4	T	1.3	324.70	0.49	27.93	14.66	79.57	5.75	3.8	7.56	3.00
7/21/2011	MF	DS5	B	7.1	274.20	0.38	26.72	22.24	61.74	4.36	5.3	7.46	6.00
7/21/2011	MF	DS5	B	7.1	317.40	0.21	26.63	22.64	61.34	4.33	6.4	7.45	6.00
7/21/2011	MF	DS5	M	3.9	309.30	0.36	27.29	18.74	68.02	4.86	3.6	7.48	7.00
7/21/2011	MF	DS5	M	4.2	303.00	0.34	27.35	18.27	69.01	4.93	3.6	7.48	5.00
7/21/2011	MF	DS5	T	1.3	333.90	0.51	27.54	16.90	74.21	5.33	3.8	7.50	4.00
7/21/2011	MF	DS5	T	1.4	304.80	0.18	27.62	16.69	75.99	5.46	3.6	7.50	6.00
7/21/2011	MF	MW1	B	20.0	83.70	0.58	24.42	30.23	51.09	3.59	3.5	7.49	5.00
7/21/2011	MF	MW1	B	20.0	83.70	0.58	24.44	30.18	52.38	3.68	3.4	7.50	7.00
7/21/2011	MF	MW1	M	10.6	46.20	0.18	25.10	27.95	55.09	3.88	3.7	7.49	11.00
7/21/2011	MF	MW1	M	10.3	81.00	0.14	25.06	28.10	54.58	3.84	3.2	7.50	12.00
7/21/2011	MF	MW1	T	1.4	278.00	0.78	27.33	18.20	76.98	5.51	1.9	7.56	4.00
7/21/2011	MF	MW1	T	1.5	237.20	0.40	27.32	18.41	75.47	5.39	2.0	7.57	6.00
7/21/2011	MF	US1	B	7.1	258.80	0.26	26.43	23.37	63.81	4.50	4.5	7.55	6.00
7/21/2011	MF	US1	B	7.2	280.80	0.21	26.37	23.63	61.42	4.33	4.9	7.54	5.00
7/21/2011	MF	US1	M	4.2	247.20	0.13	26.98	20.57	62.12	4.41	4.7	7.58	4.00
7/21/2011	MF	US1	M	4.2	246.70	0.12	26.98	20.53	69.58	4.94	3.0	7.57	3.00
7/21/2011	MF	US1	T	1.4	143.90	0.13	27.40	18.72	76.45	5.45	1.9	7.60	5.00
7/21/2011	MF	US1	T	1.3	76.40	0.15	27.37	18.92	76.45	5.44	1.8	7.60	3.00
7/21/2011	MF	US2	B	13.1	84.20	0.22	25.76	26.21	54.94	3.86	7.4	7.50	12.00
7/21/2011	MF	US2	B	13.1	106.90	0.25	25.76	26.24	52.55	3.69	6.5	7.50	10.00
7/21/2011	MF	US2	M	6.9	212.60	0.43	26.13	24.58	55.93	3.94	7.8	7.51	11.00
7/21/2011	MF	US2	M	7.0	236.40	0.42	26.10	24.77	55.63	3.92	7.5	7.51	11.00
7/21/2011	MF	US2	T	1.2	142.60	0.11	27.45	18.47	77.23	5.51	2.1	7.59	5.00
7/21/2011	MF	US2	T	1.0	192.20	0.22	27.41	18.59	74.04	5.28	2.7	7.59	7.00