

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)
6/24/2011	ME	DS1	B	9.1	9.10	0.24	27.14	25.87	82.34	5.66	9.7	7.70	14.00
6/24/2011	ME	DS1	B	9.1	9.10	0.29	27.14	25.90	81.45	5.60	9.2	7.72	15.00
6/24/2011	ME	DS1	M	4.9	4.90	0.31	27.32	25.59	84.48	5.80	12.2	7.75	17.00
6/24/2011	ME	DS1	M	5.0	5.00	0.44	27.31	25.71	84.50	5.80	14.0	7.76	19.00
6/24/2011	ME	DS1	T	0.9	0.90	0.61	27.61	22.61	85.90	5.97	8.0	7.71	8.00
6/24/2011	ME	DS1	T	1.2	1.20	0.48	27.46	23.78	83.80	5.80	7.1	7.72	10.00
6/24/2011	ME	DS2	B	8.5	8.50	0.20	27.10	25.95	82.83	5.70	8.7	7.72	12.00
6/24/2011	ME	DS2	B	9.1	9.10	0.46	27.10	25.97	81.43	5.60	9.4	7.73	11.00
6/24/2011	ME	DS2	M	5.2	5.20	0.74	27.28	25.32	83.04	5.71	9.7	7.75	14.00
6/24/2011	ME	DS2	M	4.6	4.60	0.68	27.36	25.15	83.36	5.73	10.6	7.77	13.00
6/24/2011	ME	DS2	T	1.3	1.30	0.59	27.52	23.47	85.58	5.93	7.2	7.73	7.00
6/24/2011	ME	DS2	T	0.9	0.90	0.45	27.65	22.99	85.40	5.92	8.1	7.74	9.00
6/24/2011	ME	DS3	B	15.1	15.10	0.34	26.48	27.45	74.39	5.13	12.7	7.67	14.00
6/24/2011	ME	DS3	B	14.5	14.50	0.42	26.54	27.32	75.01	5.17	10.6	7.68	17.00
6/24/2011	ME	DS3	M	7.6	7.60	0.25	27.10	25.85	81.09	5.58	11.7	7.72	14.00
6/24/2011	ME	DS3	M	7.9	7.90	0.21	27.05	25.99	79.28	5.46	11.2	7.72	14.00
6/24/2011	ME	DS3	T	1.2	1.20	0.84	27.49	23.37	84.24	5.84	7.6	7.73	9.00
6/24/2011	ME	DS3	T	0.9	0.90	0.36	27.64	21.26	88.22	6.17	5.5	7.73	11.00
6/24/2011	ME	DS4	B	7.8	7.80	0.46	27.13	25.89	82.79	5.69	12.4	7.74	14.00
6/24/2011	ME	DS4	B	7.9	7.90	0.14	27.09	25.95	81.79	5.63	12.1	7.74	12.00
6/24/2011	ME	DS4	M	4.5	4.50	0.72	27.27	25.05	82.79	5.71	9.9	7.74	16.00
6/24/2011	ME	DS4	M	4.8	4.80	0.44	27.23	25.26	82.61	5.69	9.8	7.75	13.00
6/24/2011	ME	DS4	T	1.1	1.10	0.50	27.59	21.55	88.29	6.17	6.5	7.74	7.00
6/24/2011	ME	DS4	T	1.1	1.10	0.46	27.61	21.47	87.09	6.09	7.3	7.74	6.00
6/24/2011	ME	DS5	B	7.9	7.90	0.54	27.11	25.92	83.78	5.76	11.2	7.74	15.00
6/24/2011	ME	DS5	B	8.0	8.00	0.55	27.13	25.85	82.38	5.67	11.4	7.75	17.00
6/24/2011	ME	DS5	M	4.3	4.30	0.67	27.42	24.19	83.17	5.75	8.9	7.75	10.00
6/24/2011	ME	DS5	M	4.4	4.40	0.61	27.34	24.69	82.79	5.71	8.7	7.76	9.00
6/24/2011	ME	DS5	T	1.0	1.00	0.69	27.62	21.59	88.57	6.19	6.3	7.74	7.00
6/24/2011	ME	DS5	T	1.1	1.10	0.77	27.66	21.35	87.98	6.15	6.8	7.74	5.00
6/24/2011	ME	MW1	B	21.0	21.00	0.30	26.05	28.65	73.63	5.08	6.6	7.66	6.00
6/24/2011	ME	MW1	B	20.9	20.90	0.30	26.05	28.71	72.55	5.00	6.1	7.69	6.00
6/24/2011	ME	MW1	M	11.2	11.20	0.60	26.07	28.59	73.54	5.07	5.1	7.68	7.00
6/24/2011	ME	MW1	M	11.1	11.10	0.33	26.07	28.63	72.66	5.01	5.2	7.69	6.00
6/24/2011	ME	MW1	T	1.0	1.00	0.31	26.22	28.14	75.75	5.22	4.4	7.69	5.00
6/24/2011	ME	MW1	T	0.9	0.90	0.15	26.19	28.24	75.07	5.18	4.5	7.69	6.00
6/24/2011	ME	US1	B	11.3	11.30	0.34	27.29	25.97	86.06	5.90	19.7	7.71	24.00
6/24/2011	ME	US1	B	10.5	10.50	0.11	27.30	25.93	85.92	5.89	20.2	7.74	21.00
6/24/2011	ME	US1	M	6.1	6.10	0.85	27.34	25.48	84.76	5.82	13.0	7.72	12.00
6/24/2011	ME	US1	M	5.7	5.70	0.73	27.36	25.32	83.80	5.76	10.7	7.73	12.00
6/24/2011	ME	US1	T	1.1	1.10	0.63	27.70	19.86	86.79	6.11	9.4	7.66	6.00
6/24/2011	ME	US1	T	1.0	1.00	0.36	27.63	19.71	87.15	6.15	6.6	7.67	7.00
6/24/2011	ME	US2	B	8.7	8.70	0.20	27.30	25.94	86.48	5.93	15.5	7.70	20.00
6/24/2011	ME	US2	B	9.0	9.00	0.53	27.30	25.95	84.99	5.83	15.6	7.70	19.00
6/24/2011	ME	US2	M	5.2	5.20	0.57	27.34	25.63	84.26	5.78	12.6	7.69	14.00
6/24/2011	ME	US2	M	4.9	4.90	0.52	27.35	25.44	84.49	5.80	12.2	7.69	13.00
6/24/2011	ME	US2	T	1.1	1.10	0.61	27.62	19.49	85.69	6.06	6.9	7.61	8.00
6/24/2011	ME	US2	T	1.0	1.00	0.23	27.65	19.24	86.32	6.11	6.3	7.62	6.00

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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)
6/24/2011	MF	DS1	B	8.9	8.90	0.14	27.03	26.02	78.56	5.41	12.3	7.85	17.00
6/24/2011	MF	DS1	B	9.1	9.10	0.35	27.04	26.02	78.76	5.42	11.9	7.87	16.00
6/24/2011	MF	DS1	M	4.8	4.80	0.20	27.30	25.10	79.36	5.47	15.2	7.88	12.00
6/24/2011	MF	DS1	M	5.0	5.00	0.17	27.37	24.53	80.47	5.55	11.1	7.89	13.00
6/24/2011	MF	DS1	T	1.1	1.10	0.05	28.45	18.27	90.58	6.36	7.2	7.88	7.00
6/24/2011	MF	DS1	T	0.9	0.90	0.31	28.51	18.20	89.29	6.26	7.2	7.89	6.00
6/24/2011	MF	DS2	B	8.9	8.90	0.20	27.16	25.80	78.84	5.42	9.4	7.86	13.00
6/24/2011	MF	DS2	B	9.0	9.00	0.29	27.26	25.60	80.55	5.54	9.3	7.88	12.00
6/24/2011	MF	DS2	M	5.0	5.00	0.10	27.41	24.27	80.04	5.53	8.9	7.85	7.00
6/24/2011	MF	DS2	M	4.9	4.90	0.48	27.44	24.02	79.65	5.51	7.5	7.85	7.00
6/24/2011	MF	DS2	T	1.0	1.00	0.47	28.11	19.18	86.45	6.07	7.0	7.86	8.00
6/24/2011	MF	DS2	T	1.0	1.00	0.23	28.13	18.91	87.06	6.12	6.9	7.88	7.00
6/24/2011	MF	DS3	B	8.9	8.90	0.11	27.23	25.72	79.82	5.49	12.1	7.86	15.00
6/24/2011	MF	DS3	B	9.0	9.00	0.35	27.19	25.81	77.32	5.31	10.3	7.85	15.00
6/24/2011	MF	DS3	M	4.9	4.90	0.14	27.36	24.61	80.02	5.52	7.8	7.84	8.00
6/24/2011	MF	DS3	M	5.0	5.00	0.54	27.36	24.60	79.83	5.51	7.6	7.85	7.00
6/24/2011	MF	DS3	T	0.9	0.90	0.23	27.56	22.93	79.02	5.49	6.1	7.82	6.00
6/24/2011	MF	DS3	T	1.1	1.10	0.21	27.48	23.43	78.33	5.43	6.3	7.82	8.00
6/24/2011	MF	DS4	B	9.0	9.00	0.22	27.31	25.07	81.60	5.62	8.6	7.83	12.00
6/24/2011	MF	DS4	B	9.0	9.00	0.16	27.32	24.99	79.30	5.46	7.8	7.84	10.00
6/24/2011	MF	DS4	M	4.9	4.90	0.45	27.32	24.55	79.40	5.48	6.9	7.80	7.00
6/24/2011	MF	DS4	M	5.0	5.00	0.34	27.31	24.73	78.40	5.41	7.3	7.82	8.00
6/24/2011	MF	DS4	T	1.0	1.00	0.20	28.00	17.66	82.91	5.88	6.6	7.80	8.00
6/24/2011	MF	DS4	T	1.1	1.10	0.18	28.49	14.40	86.62	6.21	7.0	7.81	9.00
6/24/2011	MF	DS5	B	9.1	9.10	0.37	27.28	25.41	78.88	5.43	8.5	7.79	13.00
6/24/2011	MF	DS5	B	9.0	9.00	0.42	27.24	25.87	79.69	5.47	10.7	7.83	11.00
6/24/2011	MF	DS5	M	5.1	5.10	0.24	27.29	24.86	77.38	5.34	8.0	7.76	10.00
6/24/2011	MF	DS5	M	4.9	4.90	0.17	27.28	24.97	75.89	5.23	7.8	7.78	8.00
6/24/2011	MF	DS5	T	1.0	1.00	0.34	27.91	19.11	76.78	5.41	7.0	7.75	8.00
6/24/2011	MF	DS5	T	1.1	1.10	0.46	27.74	19.04	78.49	5.55	6.7	7.77	8.00
6/24/2011	MF	MW1	B	21.1	21.10	0.15	26.07	29.00	72.24	4.97	8.1	7.60	10.00
6/24/2011	MF	MW1	B	21.1	21.10	0.15	26.06	28.84	71.14	4.90	9.5	7.62	10.00
6/24/2011	MF	MW1	M	11.0	11.00	0.30	26.19	28.71	72.75	5.00	7.1	7.60	8.00
6/24/2011	MF	MW1	M	11.0	11.00	0.16	26.24	28.36	72.65	5.00	5.8	7.64	6.00
6/24/2011	MF	MW1	T	1.2	1.20	0.20	26.44	28.06	76.77	5.28	4.7	7.63	8.00
6/24/2011	MF	MW1	T	0.8	0.80	0.20	26.53	27.74	77.68	5.34	4.6	7.68	6.00
6/24/2011	MF	US1	B	8.9	8.90	0.57	27.23	25.35	82.38	5.67	8.7	7.88	11.00
6/24/2011	MF	US1	B	8.9	8.90	0.40	26.95	26.33	74.07	5.10	8.2	7.84	10.00
6/24/2011	MF	US1	M	4.9	4.90	0.40	27.42	24.16	81.48	5.63	8.7	7.86	10.00
6/24/2011	MF	US1	M	4.7	4.70	0.13	27.45	23.95	80.99	5.60	7.8	7.87	11.00
6/24/2011	MF	US1	T	1.2	1.20	0.14	27.87	19.30	81.88	5.77	6.9	7.85	7.00
6/24/2011	MF	US1	T	1.0	1.00	0.34	28.38	19.26	85.70	5.99	6.6	7.89	5.00
6/24/2011	MF	US2	B	9.0	9.00	0.54	26.71	26.84	75.69	5.21	7.1	7.83	10.00
6/24/2011	MF	US2	B	8.9	8.90	0.30	26.76	26.73	72.48	4.99	9.0	7.83	12.00
6/24/2011	MF	US2	M	5.0	5.00	0.17	27.22	25.47	79.70	5.49	10.5	7.89	15.00
6/24/2011	MF	US2	M	5.0	5.00	0.37	27.21	25.49	79.40	5.47	12.2	7.89	15.00
6/24/2011	MF	US2	T	0.9	0.90	0.11	28.33	21.08	89.32	6.18	7.8	7.89	8.00
6/24/2011	MF	US2	T	1.0	1.00	0.33	28.58	19.19	93.64	6.52	8.1	7.93	10.00