

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)
9/7/2011	ME	DS1	B	7.90	71.00	0.29	27.61	29.65	68.33	4.56	22.84	7.57	27.00
9/7/2011	ME	DS1	B	7.90	8.70	0.19	27.59	29.69	62.17	4.15	25.24	7.58	24.00
9/7/2011	ME	DS1	M	4.60	102.00	0.41	27.69	29.52	61.75	4.12	15.54	7.56	18.00
9/7/2011	ME	DS1	M	4.50	82.70	0.62	27.73	29.47	61.97	4.13	17.24	7.58	16.00
9/7/2011	ME	DS1	T	1.00	97.20	0.65	28.42	27.84	75.43	5.02	26.94	7.60	36.00
9/7/2011	ME	DS1	T	1.40	109.50	1.02	28.56	27.49	80.13	5.33	22.04	7.64	33.00
9/7/2011	ME	DS2	B	17.00	48.10	0.38	26.35	31.38	57.06	3.85	19.94	7.53	25.00
9/7/2011	ME	DS2	B	17.00	48.10	0.38	26.36	31.36	57.17	3.86	16.24	7.57	54.00
9/7/2011	ME	DS2	M	8.80	112.50	0.40	27.48	29.87	61.32	4.10	16.34	7.59	18.00
9/7/2011	ME	DS2	M	9.20	330.00	0.03	27.46	29.89	60.72	4.06	16.74	7.61	16.00
9/7/2011	ME	DS2	T	1.10	111.50	0.64	28.56	27.31	82.20	5.48	5.74	7.64	5.00
9/7/2011	ME	DS2	T	1.00	91.40	0.46	28.59	27.60	78.37	5.21	7.64	7.64	4.00
9/7/2011	ME	DS3	B	7.90	31.50	0.20	27.40	30.08	70.29	4.70	12.84	7.62	15.00
9/7/2011	ME	DS3	B	8.00	75.00	0.48	27.38	30.13	66.04	4.42	16.24	7.63	18.00
9/7/2011	ME	DS3	M	4.40	150.30	0.26	27.65	29.57	63.70	4.25	13.04	7.59	12.00
9/7/2011	ME	DS3	M	4.40	71.70	0.66	27.65	29.56	62.69	4.19	13.14	7.60	11.00
9/7/2011	ME	DS3	T	0.90	90.50	0.86	28.64	26.93	81.65	5.44	6.34	7.63	3.00
9/7/2011	ME	DS3	T	0.80	80.50	0.79	28.64	26.72	80.65	5.38	6.54	7.65	14.00
9/7/2011	ME	DS4	B	7.70	52.30	0.64	27.35	30.20	66.28	4.43	30.24	7.62	33.00
9/7/2011	ME	DS4	B	8.00	21.20	0.37	27.36	30.18	65.48	4.38	25.54	7.65	35.00
9/7/2011	ME	DS4	M	4.10	61.50	1.16	27.80	29.35	64.66	4.31	12.74	7.59	8.00
9/7/2011	ME	DS4	M	4.30	91.00	0.63	27.76	29.40	64.37	4.29	10.94	7.62	10.00
9/7/2011	ME	DS4	T	1.40	92.60	0.79	28.62	27.16	81.41	5.42	5.54	7.64	4.00
9/7/2011	ME	DS4	T	0.90	101.50	0.87	28.68	26.73	82.95	5.53	5.54	7.66	4.00
9/7/2011	ME	DS5	B	7.00	54.80	0.45	27.52	29.88	73.74	4.93	19.14	7.62	28.00
9/7/2011	ME	DS5	B	6.90	59.20	0.49	27.39	30.11	66.95	4.48	22.94	7.64	27.00
9/7/2011	ME	DS5	M	4.10	69.70	0.66	27.77	29.36	67.24	4.49	13.54	7.59	10.00
9/7/2011	ME	DS5	M	4.10	77.70	0.53	27.71	29.46	65.22	4.35	15.14	7.62	11.00
9/7/2011	ME	DS5	T	1.20	84.40	0.41	28.65	27.11	82.08	5.47	5.14	7.64	4.00
9/7/2011	ME	DS5	T	1.10	81.50	0.63	28.55	27.44	77.52	5.16	7.14	7.64	4.00
9/7/2011	ME	MW1	B	20.00	245.50	0.17	26.64	30.83	67.58	4.56	4.04	7.52	6.00
9/7/2011	ME	MW1	B	20.00	245.50	0.17	26.69	30.87	65.99	4.45	4.04	7.53	6.00
9/7/2011	ME	MW1	M	10.50	318.50	0.24	26.98	30.39	67.89	4.56	4.24	7.52	6.00
9/7/2011	ME	MW1	M	10.70	346.10	0.44	26.98	30.43	68.20	4.58	3.94	7.54	8.00
9/7/2011	ME	MW1	T	1.00	80.40	0.73	27.47	29.50	73.31	4.91	3.94	7.55	6.00
9/7/2011	ME	MW1	T	1.00	101.20	0.51	27.22	29.98	70.01	4.70	3.94	7.55	4.00
9/7/2011	ME	US1	B	8.70	89.80	0.50	27.53	29.82	63.12	4.22	10.54	7.55	10.00
9/7/2011	ME	US1	B	8.90	131.10	0.46	27.47	29.92	62.02	4.15	13.14	7.58	10.00
9/7/2011	ME	US1	M	4.90	89.10	0.72	27.59	29.72	61.20	4.09	9.14	7.55	10.00
9/7/2011	ME	US1	M	5.30	87.70	0.79	27.60	29.70	60.41	4.03	9.84	7.56	8.00
9/7/2011	ME	US1	T	1.00	87.70	0.65	28.55	27.87	74.16	4.93	5.64	7.58	3.00
9/7/2011	ME	US1	T	1.00	98.30	0.60	28.63	27.05	82.47	5.49	4.44	7.62	2.00
9/7/2011	ME	US2	B	9.00	136.20	0.37	27.26	30.37	61.86	4.14	19.94	7.50	15.00
9/7/2011	ME	US2	B	8.90	101.80	0.37	27.28	30.33	60.05	4.02	16.64	7.53	22.00
9/7/2011	ME	US2	M	5.10	122.10	0.72	27.58	29.74	59.34	3.96	10.84	7.48	7.00
9/7/2011	ME	US2	M	5.20	129.30	0.63	27.68	29.58	59.55	3.97	9.74	7.51	6.00
9/7/2011	ME	US2	T	1.10	107.80	0.71	28.68	27.49	76.33	5.07	5.84	7.55	5.00
9/7/2011	ME	US2	T	1.10	140.90	0.59	28.69	26.85	82.61	5.50	4.64	7.59	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)
9/7/2011	MF	DS1	B	9.00	308.60	0.10	26.93	30.57	59.46	4.00	54.24	7.49	68.00
9/7/2011	MF	DS1	B	9.00	262.80	0.07	27.08	30.35	61.38	4.12	59.24	7.54	65.00
9/7/2011	MF	DS1	M	5.00	314.40	0.29	27.41	29.88	66.20	4.43	34.04	7.54	51.00
9/7/2011	MF	DS1	M	5.00	315.80	0.45	27.39	29.89	65.01	4.35	32.24	7.56	55.00
9/7/2011	MF	DS1	T	1.10	296.40	0.40	28.47	28.35	82.41	5.47	8.94	7.65	11.00
9/7/2011	MF	DS1	T	1.00	325.50	0.39	28.97	27.72	97.32	6.42	7.24	7.72	13.00
9/7/2011	MF	DS2	B	9.00	303.90	0.42	27.40	29.99	61.32	4.10	17.64	7.48	21.00
9/7/2011	MF	DS2	B	9.00	311.80	0.17	27.35	30.02	61.54	4.12	18.54	7.52	18.00
9/7/2011	MF	DS2	M	5.00	1.60	0.28	27.58	29.71	63.03	4.21	12.54	7.50	16.00
9/7/2011	MF	DS2	M	5.00	330.90	0.40	27.40	29.98	61.44	4.11	14.84	7.53	16.00
9/7/2011	MF	DS2	T	1.00	317.60	0.41	28.77	28.07	84.14	5.56	8.24	7.65	7.00
9/7/2011	MF	DS2	T	1.20	290.00	0.46	28.69	28.22	90.91	6.01	6.74	7.67	7.00
9/7/2011	MF	DS3	B	9.00	350.10	0.61	27.04	30.45	62.28	4.18	15.24	7.45	19.00
9/7/2011	MF	DS3	B	8.90	272.50	0.30	26.67	30.94	60.48	4.07	18.84	7.48	20.00
9/7/2011	MF	DS3	M	5.00	303.50	0.36	28.12	28.63	69.12	4.60	10.84	7.50	11.00
9/7/2011	MF	DS3	M	4.90	299.30	0.32	28.28	28.37	72.24	4.81	9.44	7.54	13.00
9/7/2011	MF	DS3	T	1.00	309.40	0.31	29.38	26.63	93.74	6.18	5.04	7.62	4.00
9/7/2011	MF	DS3	T	0.90	295.50	0.44	29.36	26.65	93.85	6.19	4.84	7.65	5.00
9/7/2011	MF	DS4	B	8.90	253.40	0.38	26.67	30.99	57.63	3.88	23.44	7.41	24.00
9/7/2011	MF	DS4	B	9.00	273.60	0.47	26.63	31.01	59.55	4.01	20.74	7.46	26.00
9/7/2011	MF	DS4	M	5.00	20.70	0.04	27.93	29.09	63.76	4.25	12.24	7.46	7.00
9/7/2011	MF	DS4	M	4.90	356.60	0.41	27.91	29.09	65.48	4.37	10.64	7.50	7.00
9/7/2011	MF	DS4	T	1.10	23.20	0.11	29.72	24.92	99.61	6.60	5.44	7.63	6.00
9/7/2011	MF	DS4	T	1.10	345.90	0.22	29.58	25.26	96.91	6.42	5.44	7.64	4.00
9/7/2011	MF	DS5	B	9.00	251.00	0.16	27.79	29.37	68.53	4.57	12.84	7.41	20.00
9/7/2011	MF	DS5	B	9.10	2.50	0.33	27.54	29.83	64.93	4.34	17.44	7.44	13.00
9/7/2011	MF	DS5	M	5.10	305.30	0.28	28.26	28.17	68.94	4.59	8.84	7.43	10.00
9/7/2011	MF	DS5	M	5.00	302.40	0.08	28.21	28.29	66.54	4.43	10.84	7.46	10.00
9/7/2011	MF	DS5	T	1.00	319.80	0.31	29.76	24.59	94.93	6.29	5.34	7.57	6.00
9/7/2011	MF	DS5	T	1.10	104.40	0.20	29.08	26.51	83.71	5.55	6.14	7.53	4.00
9/7/2011	MF	MW1	B	20.10	215.20	0.34	25.73	32.21	61.19	4.16	6.84	7.20	7.00
9/7/2011	MF	MW1	B	19.80	215.20	0.34	25.76	32.04	59.88	4.07	7.24	7.32	8.00
9/7/2011	MF	MW1	M	10.30	250.80	0.11	25.99	31.90	60.38	4.09	6.94	7.24	8.00
9/7/2011	MF	MW1	M	10.20	136.20	0.27	26.00	31.79	59.38	4.03	6.14	7.34	9.00
9/7/2011	MF	MW1	T	0.90	316.00	0.20	27.08	30.56	67.57	4.53	4.84	7.33	4.00
9/7/2011	MF	MW1	T	1.10	317.30	0.18	26.99	30.64	66.77	4.48	4.94	7.41	6.00
9/7/2011	MF	US1	B	9.00	310.00	0.47	27.30	30.08	67.95	4.55	12.44	7.52	20.00
9/7/2011	MF	US1	B	9.00	270.80	0.46	27.31	30.04	65.05	4.36	13.24	7.56	20.00
9/7/2011	MF	US1	M	5.00	257.60	0.61	27.77	29.36	69.97	4.67	8.74	7.55	8.00
9/7/2011	MF	US1	M	5.00	295.50	0.42	27.80	29.30	68.87	4.59	9.34	7.58	10.00
9/7/2011	MF	US1	T	1.00	302.60	0.45	28.73	27.90	84.98	5.63	6.04	7.65	4.00
9/7/2011	MF	US1	T	1.00	284.70	0.66	28.96	27.58	90.43	5.97	6.04	7.68	6.00
9/7/2011	MF	US2	B	17.00	134.90	0.58	27.31	30.09	66.78	4.47	13.24	7.53	16.00
9/7/2011	MF	US2	B	17.00	234.60	0.58	27.67	29.59	68.92	4.60	12.54	7.56	16.00
9/7/2011	MF	US2	M	9.00	188.20	0.31	27.66	29.62	69.40	4.63	10.74	7.54	15.00
9/7/2011	MF	US2	M	8.90	302.60	0.39	27.50	29.79	67.31	4.50	11.64	7.57	14.00
9/7/2011	MF	US2	T	0.90	348.10	0.34	28.87	27.58	89.25	5.91	5.94	7.65	6.00
9/7/2011	MF	US2	T	1.00	271.00	0.12	28.55	28.09	82.13	5.45	6.64	7.64	5.00