

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	SS (mg/L)
2010/05/24	Mid-Flood	DS1	T	1.1	297.8	0.22	27.04	17.60	99.7	7.19	5.9	7.77	6
2010/05/24	Mid-Flood	DS1	T	0.9	297.8	0.22	26.92	18.23	97.2	7.00	5.5	7.75	8
2010/05/24	Mid-Flood	DS1	M	4.6	14.4	0.43	25.61	25.12	80.1	5.68	14.9	7.67	13
2010/05/24	Mid-Flood	DS1	M	4.6	14.4	0.43	25.65	25.12	80.2	5.68	10.8	7.66	12
2010/05/24	Mid-Flood	DS1	B	7.1	345.6	0.21	25.53	25.99	84.0	5.93	35.5	7.69	25
2010/05/24	Mid-Flood	DS1	B	7.0	345.6	0.21	25.51	26.08	81.6	5.76	33.4	7.68	25
2010/05/24	Mid-Flood	DS2	T	1.0	331.2	0.34	26.90	20.16	97.8	6.97	4.3	7.76	5
2010/05/24	Mid-Flood	DS2	T	1.0	331.2	0.34	27.04	18.07	96.1	6.92	4.9	7.78	6
2010/05/24	Mid-Flood	DS2	M	4.5	0.5	0.32	25.93	23.64	82.6	5.87	5.8	7.66	6
2010/05/24	Mid-Flood	DS2	M	4.5	308.7	0.30	26.03	22.93	83.6	5.96	6.3	7.67	6
2010/05/24	Mid-Flood	DS2	B	7.0	308.8	0.29	25.84	24.02	82.6	5.86	8.2	7.66	7
2010/05/24	Mid-Flood	DS2	B	6.9	308.5	0.23	25.80	24.32	85.4	6.06	5.3	7.65	7
2010/05/24	Mid-Flood	DS3	T	0.9	275.1	0.50	26.59	19.56	95.2	6.84	5.0	7.70	4
2010/05/24	Mid-Flood	DS3	T	1.0	275.1	0.50	26.42	19.62	91.4	6.59	4.8	7.69	5
2010/05/24	Mid-Flood	DS3	M	4.5	259.9	0.37	25.72	24.72	79.7	5.65	5.1	7.63	3
2010/05/24	Mid-Flood	DS3	M	4.4	332.5	0.34	25.74	24.36	78.8	5.60	4.3	7.63	4
2010/05/24	Mid-Flood	DS3	B	6.9	324.0	0.34	25.52	25.91	79.1	5.59	7.0	7.64	8
2010/05/24	Mid-Flood	DS3	B	7.0	323.2	0.37	25.60	25.31	82.8	5.86	5.3	7.62	8
2010/05/24	Mid-Flood	DS4	T	1.0	274.2	0.33	26.58	17.66	91.0	6.62	5.4	7.67	5
2010/05/24	Mid-Flood	DS4	T	1.0	274.2	0.33	26.38	18.56	95.2	6.91	4.6	7.69	6
2010/05/24	Mid-Flood	DS4	M	4.5	4.0	0.45	25.53	25.77	78.3	5.53	4.8	7.62	6
2010/05/24	Mid-Flood	DS4	M	4.5	259.9	0.37	25.58	25.46	77.5	5.48	5.1	7.62	6
2010/05/24	Mid-Flood	DS4	B	6.9	340.0	0.27	25.40	26.78	81.4	5.73	10.6	7.64	7
2010/05/24	Mid-Flood	DS4	B	7.0	320.5	0.29	25.43	26.63	81.7	5.76	8.3	7.62	7
2010/05/24	Mid-Flood	DS5	T	1.0	292.7	0.30	26.41	17.62	100.6	7.33	5.0	7.67	5
2010/05/24	Mid-Flood	DS5	T	1.0	292.7	0.30	26.23	18.24	95.7	6.98	4.3	7.66	4
2010/05/24	Mid-Flood	DS5	M	4.5	358.7	0.39	25.45	26.32	76.7	5.41	5.5	7.59	7
2010/05/24	Mid-Flood	DS5	M	4.5	4.0	0.45	25.46	26.21	76.1	5.37	5.3	7.59	5
2010/05/24	Mid-Flood	DS5	B	7.0	257.8	0.17	25.38	27.02	83.0	5.84	7.7	7.60	5
2010/05/24	Mid-Flood	DS5	B	7.0	338.0	0.39	25.38	26.94	80.2	5.65	8.5	7.59	7
2010/05/24	Mid-Flood	MW1	T	1.1	202.5	0.09	25.63	26.77	91.0	6.39	2.5	7.70	3
2010/05/24	Mid-Flood	MW1	T	1.0	311.6	0.11	25.60	26.98	90.5	6.34	2.5	7.71	4
2010/05/24	Mid-Flood	MW1	M	11.1	341.6	0.05	25.07	30.96	83.7	5.79	5.4	7.65	7
2010/05/24	Mid-Flood	MW1	M	11.1	59.3	0.09	25.08	30.93	83.3	5.77	6.8	7.68	7
2010/05/24	Mid-Flood	MW1	B	20.0	123.7	0.12	25.00	31.33	83.7	5.79	6.5	7.64	8
2010/05/24	Mid-Flood	MW1	B	20.2	75.5	0.14	25.01	31.22	83.7	5.79	7.9	7.68	6
2010/05/24	Mid-Flood	US1	T	1.0	307.1	0.34	27.18	17.44	102.5	7.39	4.8	7.78	6
2010/05/24	Mid-Flood	US1	T	1.0	307.1	0.34	26.97	18.10	97.7	7.04	4.8	7.75	5
2010/05/24	Mid-Flood	US1	M	4.0	293.4	0.53	26.65	19.79	93.3	6.70	5.0	7.72	5
2010/05/24	Mid-Flood	US1	M	3.9	335.0	0.38	26.42	20.96	88.4	6.33	6.1	7.71	7
2010/05/24	Mid-Flood	US1	B	6.0	320.4	0.47	25.70	26.18	88.9	6.25	7.8	7.70	6
2010/05/24	Mid-Flood	US1	B	6.0	320.4	0.47	25.54	26.47	86.3	6.08	9.9	7.69	5
2010/05/24	Mid-Flood	US2	T	1.0	338.7	0.64	27.55	18.14	119.7	8.53	4.3	7.91	5
2010/05/24	Mid-Flood	US2	T	1.0	338.7	0.64	26.52	20.88	98.4	7.03	6.9	7.76	6
2010/05/24	Mid-Flood	US2	M	4.0	330.3	0.58	25.75	24.03	86.8	6.17	6.9	7.70	8

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2010/05/24	Mid-Flood	US2	M	4.0	330.3	0.58	25.49	25.93	82.4	5.82	17.6	7.67	6
2010/05/24	Mid-Flood	US2	B	6.1	321.5	0.56	25.40	26.48	87.1	6.15	23.0	7.69	28
2010/05/24	Mid-Flood	US2	B	6.0	318.2	0.33	25.42	26.38	86.5	6.11	29.6	7.67	28
2010/05/24	Mid-Ebb	DS1	T	1.0	123.6	0.61	26.31	19.73	88.9	6.42	3.9	7.66	3
2010/05/24	Mid-Ebb	DS1	T	1.2	123.6	0.61	26.51	18.60	89.9	6.51	4.1	7.64	4
2010/05/24	Mid-Ebb	DS1	M	3.5	145.8	0.51	25.61	24.50	79.7	5.67	6.5	7.60	9
2010/05/24	Mid-Ebb	DS1	M	3.5	116.5	0.50	25.65	24.07	78.0	5.56	6.1	7.61	8
2010/05/24	Mid-Ebb	DS1	B	5.0	145.2	0.31	25.55	25.03	81.3	5.77	8.1	7.60	8
2010/05/24	Mid-Ebb	DS1	B	5.0	139.1	0.40	25.55	25.22	82.4	5.84	6.0	7.62	9
2010/05/24	Mid-Ebb	DS2	T	1.0	123.7	0.48	26.63	18.80	90.3	6.52	3.4	7.70	5
2010/05/24	Mid-Ebb	DS2	T	1.0	123.7	0.48	26.15	19.89	90.5	6.54	3.6	7.71	5
2010/05/24	Mid-Ebb	DS2	M	3.5	107.6	0.41	25.65	24.13	81.7	5.82	5.7	7.67	8
2010/05/24	Mid-Ebb	DS2	M	3.5	107.6	0.41	25.61	24.62	79.0	5.62	5.8	7.66	6
2010/05/24	Mid-Ebb	DS2	B	4.8	102.9	0.30	25.26	27.89	84.5	5.93	7.0	7.70	10
2010/05/24	Mid-Ebb	DS2	B	5.0	68.5	0.15	25.22	28.20	79.4	5.57	8.5	7.68	9
2010/05/24	Mid-Ebb	DS3	T	1.0	152.0	0.57	26.39	19.28	95.3	6.89	2.9	7.75	4
2010/05/24	Mid-Ebb	DS3	T	1.1	87.8	0.47	26.33	19.83	90.9	6.55	3.7	7.74	4
2010/05/24	Mid-Ebb	DS3	M	4.4	94.1	0.31	25.36	26.80	79.7	5.62	7.3	7.71	12
2010/05/24	Mid-Ebb	DS3	M	4.5	142.2	0.31	25.29	27.40	80.9	5.69	9.3	7.71	10
2010/05/24	Mid-Ebb	DS3	B	6.8	115.3	0.16	25.09	29.92	84.4	5.88	18.5	7.71	25
2010/05/24	Mid-Ebb	DS3	B	7.0	127.5	0.31	25.09	29.95	82.1	5.71	18.1	7.70	21
2010/05/24	Mid-Ebb	DS4	T	1.0	102.9	0.30	26.87	18.89	96.5	6.93	2.8	7.79	3
2010/05/24	Mid-Ebb	DS4	T	1.0	102.9	0.30	26.63	19.17	94.2	6.78	4.1	7.78	3
2010/05/24	Mid-Ebb	DS4	M	4.5	83.2	0.41	25.46	25.85	79.7	5.64	7.1	7.72	7
2010/05/24	Mid-Ebb	DS4	M	4.5	158.5	0.35	25.48	25.51	81.0	5.74	6.7	7.73	7
2010/05/24	Mid-Ebb	DS4	B	7.0	126.3	0.26	25.25	27.95	80.0	5.62	15.4	7.73	14
2010/05/24	Mid-Ebb	DS4	B	7.0	107.2	0.36	25.31	27.38	83.2	5.85	9.8	7.75	12
2010/05/24	Mid-Ebb	DS5	T	0.9	80.6	0.53	26.23	17.68	91.7	6.70	3.8	7.80	1
2010/05/24	Mid-Ebb	DS5	T	1.0	120.0	0.47	26.43	17.69	97.0	7.07	3.1	7.80	1
2010/05/24	Mid-Ebb	DS5	M	4.0	115.0	0.54	26.24	20.05	90.3	6.51	4.1	7.75	8
2010/05/24	Mid-Ebb	DS5	M	4.0	109.0	0.57	26.67	19.84	95.4	6.84	3.4	7.78	4
2010/05/24	Mid-Ebb	DS5	B	6.0	105.7	0.42	25.54	25.06	83.4	5.92	6.8	7.74	7
2010/05/24	Mid-Ebb	DS5	B	6.1	110.9	0.39	25.53	25.16	85.6	6.07	6.5	7.74	4
2010/05/24	Mid-Ebb	MW1	T	0.8	125.6	0.45	25.51	23.67	87.7	6.28	2.3	7.64	4
2010/05/24	Mid-Ebb	MW1	T	0.8	125.6	0.45	25.41	24.93	87.6	6.24	2.0	7.65	6
2010/05/24	Mid-Ebb	MW1	M	10.8	48.0	0.22	25.17	28.53	82.1	5.75	2.6	7.63	4
2010/05/24	Mid-Ebb	MW1	M	11.0	76.1	0.29	25.17	28.66	82.2	5.75	2.3	7.63	5
2010/05/24	Mid-Ebb	MW1	B	19.6	55.5	0.46	24.98	30.81	81.4	5.65	5.7	7.62	5
2010/05/24	Mid-Ebb	MW1	B	19.7	49.1	0.50	24.97	30.99	81.2	5.63	5.5	7.61	6
2010/05/24	Mid-Ebb	US1	T	1.0	136.1	0.59	26.42	19.26	93.8	6.77	2.9	7.59	5
2010/05/24	Mid-Ebb	US1	T	1.1	123.6	0.61	26.42	18.51	90.8	6.58	4.3	7.61	5
2010/05/24	Mid-Ebb	US1	M	10.8	69.6	0.19	25.20	28.48	78.5	5.50	21.1	7.56	13
2010/05/24	Mid-Ebb	US1	M	11.1	21.5	0.10	25.18	28.78	79.1	5.53	23.2	7.52	16
2010/05/24	Mid-Ebb	US1	B	19.7	240.3	0.02	25.07	29.96	79.9	5.56	20.7	7.57	38
2010/05/24	Mid-Ebb	US1	B	19.8	185.1	0.06	25.07	29.98	81.4	5.66	22.1	7.52	34
2010/05/24	Mid-Ebb	US2	T	1.0	133.0	0.71	26.43	19.43	90.5	6.53	2.9	7.48	6
2010/05/24	Mid-Ebb	US2	T	1.1	123.1	0.66	26.13	19.49	86.5	6.27	3.4	7.42	4
2010/05/24	Mid-Ebb	US2	M	3.9	148.5	0.59	25.60	24.56	76.4	5.43	5.9	7.37	5
2010/05/24	Mid-Ebb	US2	M	4.1	123.2	0.51	25.47	26.09	77.3	5.46	5.9	7.42	6
2010/05/24	Mid-Ebb	US2	B	5.9	121.6	0.40	25.28	27.92	79.1	5.55	8.7	7.50	11
2010/05/24	Mid-Ebb	US2	B	6.0	153.2	0.46	25.25	28.27	78.2	5.48	9.9	7.38	11