

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)
2011/01/04	ME	DS1	B	6.0	72.4	0.2	17.4	33.2	96.0	7.5	70.8	8.0	48.0
2011/01/04	ME	DS1	B	5.9	72.4	0.2	17.4	33.2	92.5	7.3	31.0	8.0	43.0
2011/01/04	ME	DS1	M	4.0	47.2	0.2	17.4	33.2	93.0	7.3	30.7	8.0	22.0
2011/01/04	ME	DS1	M	4.1	47.2	0.2	17.4	33.2	92.7	7.3	9.8	8.0	18.0
2011/01/04	ME	DS1	T	1.1	74.0	0.1	17.4	33.2	93.0	7.3	26.0	8.0	50.0
2011/01/04	ME	DS1	T	1.0	74.0	0.1	17.4	33.2	92.7	7.3	9.8	8.0	56.0
2011/01/04	ME	DS2	B	5.9	105.4	0.3	17.4	33.2	96.3	7.6	18.3	8.0	18.0
2011/01/04	ME	DS2	B	6.1	104.5	0.3	17.4	33.2	97.2	7.6	14.5	8.0	22.0
2011/01/04	ME	DS2	M	3.9	72.0	0.3	17.4	33.2	93.0	7.3	13.8	8.0	14.0
2011/01/04	ME	DS2	M	3.9	107.8	0.2	17.4	33.2	93.4	7.3	11.4	8.0	17.0
2011/01/04	ME	DS2	T	1.0	101.5	0.4	17.4	33.2	92.9	7.3	9.6	8.0	13.0
2011/01/04	ME	DS2	T	1.0	101.6	0.3	17.4	33.2	92.9	7.3	10.3	8.0	12.0
2011/01/04	ME	DS3	B	14.0	1.9	0.1	17.5	33.1	92.5	7.2	9.0	8.0	11.0
2011/01/04	ME	DS3	B	14.0	35.1	0.1	17.5	33.1	93.7	7.3	8.7	8.0	9.0
2011/01/04	ME	DS3	M	8.0	105.4	0.2	17.5	33.1	92.1	7.2	8.1	8.0	11.0
2011/01/04	ME	DS3	M	7.9	79.6	0.1	17.5	33.1	92.0	7.2	7.5	8.0	11.0
2011/01/04	ME	DS3	T	1.0	101.6	0.3	17.5	33.1	92.4	7.2	7.3	8.0	10.0
2011/01/04	ME	DS3	T	1.1	140.6	0.2	17.5	33.2	92.6	7.3	6.9	8.0	8.0
2011/01/04	ME	DS4	B	11.9	83.7	0.2	17.5	33.2	92.5	7.2	7.0	8.0	10.0
2011/01/04	ME	DS4	B	12.0	111.1	0.1	17.5	33.2	94.1	7.4	7.2	8.0	9.0
2011/01/04	ME	DS4	M	6.9	114.6	0.1	17.6	33.1	92.0	7.2	6.6	8.0	7.0
2011/01/04	ME	DS4	M	7.0	108.9	0.2	17.6	33.1	91.9	7.2	5.9	8.0	7.0
2011/01/04	ME	DS4	T	1.0	140.6	0.2	17.6	33.1	92.0	7.2	5.8	8.0	10.0
2011/01/04	ME	DS4	T	1.0	123.9	0.3	17.6	33.1	91.9	7.2	5.6	8.0	11.0
2011/01/04	ME	DS5	B	7.0	78.2	0.3	17.5	33.2	94.3	7.4	7.2	8.0	9.0
2011/01/04	ME	DS5	B	7.1	97.6	0.3	17.6	33.1	93.8	7.4	7.1	8.0	11.0
2011/01/04	ME	DS5	M	4.4	96.8	0.3	17.6	33.1	91.8	7.2	5.7	8.0	10.0
2011/01/04	ME	DS5	M	4.6	84.4	0.3	17.6	33.1	91.9	7.2	5.7	8.0	8.0
2011/01/04	ME	DS5	T	1.1	123.9	0.3	17.6	33.1	91.8	7.2	5.2	8.0	7.0
2011/01/04	ME	DS5	T	1.1	87.1	0.3	17.6	33.1	91.8	7.2	5.6	8.0	8.0
2011/01/04	ME	MW1	B	19.1	50.1	0.2	18.1	33.1	90.5	7.0	11.0	7.9	19.0
2011/01/04	ME	MW1	B	19.0	47.3	0.3	18.1	33.2	91.0	7.1	9.0	8.0	17.0
2011/01/04	ME	MW1	M	10.4	63.9	0.3	18.1	33.2	89.9	7.0	7.7	8.0	14.0
2011/01/04	ME	MW1	M	10.5	54.6	0.3	18.1	33.2	89.8	7.0	8.0	8.0	12.0
2011/01/04	ME	MW1	T	1.1	47.3	0.3	18.1	33.2	90.2	7.0	5.5	8.0	12.0
2011/01/04	ME	MW1	T	0.9	47.5	0.2	18.1	33.2	90.2	7.0	6.5	8.0	15.0
2011/01/04	ME	US1	B	9.1	55.8	0.3	17.4	33.2	95.8	7.5	9.8	8.0	13.0
2011/01/04	ME	US1	B	8.9	80.5	0.3	17.4	33.2	92.9	7.3	9.6	8.0	13.0
2011/01/04	ME	US1	M	5.5	68.0	0.3	17.4	33.2	93.6	7.4	9.0	8.0	13.0
2011/01/04	ME	US1	M	5.5	52.4	0.2	17.4	33.2	93.0	7.3	8.5	8.0	13.0
2011/01/04	ME	US1	T	1.0	81.0	0.2	17.4	33.2	93.3	7.3	7.7	8.0	12.0
2011/01/04	ME	US1	T	1.0	119.6	0.3	17.4	33.2	93.2	7.3	8.1	8.0	10.0
2011/01/04	ME	US2	B	7.0	108.8	0.3	17.4	33.3	104.4	8.2	6.7	8.0	15.0
2011/01/04	ME	US2	B	6.9	78.7	0.3	17.4	33.3	96.6	7.6	9.4	8.0	12.0
2011/01/04	ME	US2	M	4.5	73.6	0.4	17.3	33.1	93.9	7.4	7.0	8.0	12.0
2011/01/04	ME	US2	M	4.5	71.8	0.3	17.3	33.2	93.9	7.4	7.8	8.0	10.0
2011/01/04	ME	US2	T	1.0	68.3	0.5	17.3	33.1	93.8	7.4	6.1	8.0	10.0
2011/01/04	ME	US2	T	1.0	59.1	0.3	17.3	33.1	93.6	7.4	6.9	8.0	12.0

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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)
2011/01/04	MF	DS1	B	9.0	310.6	0.2	17.4	33.1	94.6	7.4	10.7	8.0	12.0
2011/01/04	MF	DS1	B	8.9	310.6	0.2	17.4	33.1	95.2	7.5	9.9	8.0	15.0
2011/01/04	MF	DS1	M	5.6	271.7	0.4	17.4	33.1	92.6	7.3	10.8	8.0	11.0
2011/01/04	MF	DS1	M	5.4	283.7	0.2	17.4	33.2	92.3	7.3	8.3	8.0	14.0
2011/01/04	MF	DS1	T	1.0	278.0	0.6	17.4	33.1	92.4	7.3	8.2	8.0	11.0
2011/01/04	MF	DS1	T	0.8	296.6	0.6	17.4	33.1	92.2	7.2	9.2	8.0	11.0
2011/01/04	MF	DS2	B	7.0	322.8	0.5	17.2	33.2	94.8	7.5	20.8	8.0	27.0
2011/01/04	MF	DS2	B	7.0	273.9	0.4	17.2	33.2	95.2	7.5	17.9	8.0	27.0
2011/01/04	MF	DS2	M	4.6	310.8	0.5	17.3	33.1	92.2	7.3	20.7	8.0	28.0
2011/01/04	MF	DS2	M	4.6	310.8	0.5	17.3	33.1	92.4	7.3	21.3	8.0	26.0
2011/01/04	MF	DS2	T	1.0	318.4	0.6	17.3	33.1	91.9	7.2	18.1	8.0	22.0
2011/01/04	MF	DS2	T	1.0	280.1	0.6	17.3	33.1	92.1	7.3	19.9	8.0	24.0
2011/01/04	MF	DS3	B	7.1	315.1	0.4	17.1	33.1	96.0	7.6	33.8	8.0	33.0
2011/01/04	MF	DS3	B	7.2	312.7	0.4	17.2	33.2	95.6	7.5	32.5	8.0	23.0
2011/01/04	MF	DS3	M	4.5	302.3	0.4	17.2	33.1	93.1	7.4	14.1	8.0	16.0
2011/01/04	MF	DS3	M	4.5	313.2	0.5	17.1	33.1	93.2	7.4	12.4	8.0	18.0
2011/01/04	MF	DS3	T	1.1	310.8	0.5	17.1	33.1	93.0	7.3	12.2	8.0	14.0
2011/01/04	MF	DS3	T	1.0	318.4	0.6	17.1	33.0	93.0	7.4	10.2	8.0	18.0
2011/01/04	MF	DS4	B	6.9	350.1	0.5	17.2	33.1	93.8	7.4	22.5	8.0	27.0
2011/01/04	MF	DS4	B	7.0	350.1	0.5	17.2	33.1	96.3	7.6	25.5	8.0	33.0
2011/01/04	MF	DS4	M	4.5	291.5	0.4	17.2	33.1	92.9	7.3	13.3	8.0	18.0
2011/01/04	MF	DS4	M	4.6	352.0	0.4	17.1	33.1	93.3	7.4	11.2	8.0	18.0
2011/01/04	MF	DS4	T	1.1	305.2	0.6	17.1	33.1	93.0	7.3	11.2	8.0	14.0
2011/01/04	MF	DS4	T	1.0	305.2	0.6	17.1	33.0	93.1	7.4	11.1	8.0	17.0
2011/01/04	MF	DS5	B	6.9	257.8	0.3	17.2	33.0	95.4	7.5	10.2	8.0	16.0
2011/01/04	MF	DS5	B	7.0	309.6	0.3	17.2	33.0	94.9	7.5	13.0	8.0	13.0
2011/01/04	MF	DS5	M	4.4	234.5	0.4	17.2	32.7	92.3	7.3	7.4	7.9	17.0
2011/01/04	MF	DS5	M	4.5	285.6	0.2	17.2	32.9	92.2	7.3	8.7	8.0	14.0
2011/01/04	MF	DS5	T	1.0	287.9	0.4	17.2	32.7	92.3	7.3	6.8	8.0	10.0
2011/01/04	MF	DS5	T	1.0	287.9	0.4	17.2	32.7	92.0	7.3	7.4	8.0	8.0
2011/01/04	MF	MW1	B	19.3	60.5	0.3	18.0	33.1	89.9	7.0	10.6	7.9	12.0
2011/01/04	MF	MW1	B	19.0	60.5	0.3	18.0	33.1	87.3	6.8	8.6	8.0	16.0
2011/01/04	MF	MW1	M	10.5	41.1	0.2	18.0	33.1	88.0	6.8	6.3	7.9	11.0
2011/01/04	MF	MW1	M	10.8	57.2	0.4	18.0	33.1	87.3	6.8	6.8	8.0	9.0
2011/01/04	MF	MW1	T	0.9	38.4	0.3	18.0	33.1	88.4	6.9	4.9	7.9	8.0
2011/01/04	MF	MW1	T	1.1	45.0	0.1	18.0	33.1	87.8	6.8	5.9	8.0	10.0
2011/01/04	MF	US1	B	6.0	286.6	0.5	17.4	33.2	94.2	7.4	7.5	8.0	9.0
2011/01/04	MF	US1	B	5.9	305.8	0.5	17.4	33.2	95.3	7.5	8.9	8.0	8.0
2011/01/04	MF	US1	M	3.7	290.4	0.7	17.4	33.2	92.4	7.3	8.0	8.0	11.0
2011/01/04	MF	US1	M	3.8	290.4	0.7	17.4	33.2	92.4	7.3	7.4	8.0	12.0
2011/01/04	MF	US1	T	0.9	296.6	0.6	17.4	33.2	92.2	7.2	7.5	8.0	9.0
2011/01/04	MF	US1	T	1.1	285.4	0.8	17.4	33.1	92.0	7.2	7.3	8.0	11.0
2011/01/04	MF	US2	B	6.1	291.0	0.6	17.5	33.1	94.5	7.4	11.6	8.0	12.0
2011/01/04	MF	US2	B	6.0	292.3	0.5	17.5	33.1	91.5	7.2	14.7	8.0	11.0
2011/01/04	MF	US2	M	4.0	283.2	0.6	17.5	33.1	91.9	7.2	8.7	8.0	17.0
2011/01/04	MF	US2	M	4.0	290.2	0.7	17.6	33.1	91.2	7.1	11.6	8.0	19.0
2011/01/04	MF	US2	T	1.0	285.4	0.8	17.6	33.1	91.5	7.2	6.5	8.0	9.0
2011/01/04	MF	US2	T	1.0	286.4	0.8	17.6	33.1	91.3	7.1	7.2	8.0	9.0