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)
2011/02/15	Mid Ebb	DS1	B	5.8	344.1	0.2	15.8	31.8	100.3	8.2	5.5	8.0	7.0
2011/02/15	Mid Ebb	DS1	B	5.9	34.6	0.1	15.7	31.8	101.5	8.3	5.4	8.0	8.0
2011/02/15	Mid Ebb	DS1	M	4.0	44.2	0.2	15.7	31.8	99.0	8.1	4.8	8.0	6.0
2011/02/15	Mid Ebb	DS1	M	4.2	245.6	0.3	15.7	31.8	99.3	8.1	5.3	8.0	6.0
2011/02/15	Mid Ebb	DS1	T	1.2	200.2	0.2	15.7	31.8	99.2	8.1	5.0	8.0	5.0
2011/02/15	Mid Ebb	DS1	T	1.1	10.3	0.3	15.7	31.8	99.3	8.1	4.5	8.0	7.0
2011/02/15	Mid Ebb	DS2	B	7.0	12.1	0.1	15.8	31.8	101.9	8.3	4.0	8.0	4.0
2011/02/15	Mid Ebb	DS2	B	6.9	171.8	0.1	15.8	31.8	102.0	8.3	4.0	8.0	3.0
2011/02/15	Mid Ebb	DS2	M	4.5	134.8	0.5	15.8	31.8	99.6	8.2	3.9	8.0	4.0
2011/02/15	Mid Ebb	DS2	M	4.4	4.6	0.2	15.8	31.8	99.4	8.1	3.8	8.0	4.0
2011/02/15	Mid Ebb	DS2	T	1.1	131.8	0.1	15.7	31.8	99.6	8.2	3.9	8.0	3.0
2011/02/15	Mid Ebb	DS2	T	1.0	53.2	0.4	15.8	31.8	99.5	8.1	3.6	8.0	5.0
2011/02/15	Mid Ebb	DS3	B	10.0	59.7	0.2	15.8	31.8	102.1	8.4	4.1	8.0	5.0
2011/02/15	Mid Ebb	DS3	B	10.1	344.7	0.1	15.8	31.8	101.1	8.3	4.7	8.0	5.0
2011/02/15	Mid Ebb	DS3	M	6.0	165.6	0.4	15.8	31.8	99.4	8.1	4.2	8.0	4.0
2011/02/15	Mid Ebb	DS3	M	5.9	263.9	0.1	15.8	31.8	99.4	8.1	4.1	8.0	4.0
2011/02/15	Mid Ebb	DS3	T	1.1	335.0	1.1	15.7	31.8	99.6	8.2	3.8	8.0	4.0
2011/02/15	Mid Ebb	DS3	T	1.1	126.0	0.2	15.8	31.8	99.6	8.1	3.9	8.0	4.0
2011/02/15	Mid Ebb	DS4	B	14.0	100.9	0.1	15.8	31.8	99.6	8.1	7.1	8.0	8.0
2011/02/15	Mid Ebb	DS4	B	14.2	185.6	0.2	15.8	31.8	101.0	8.3	7.3	8.0	8.0
2011/02/15	Mid Ebb	DS4	M	8.1	51.9	0.2	15.8	31.8	99.2	8.1	8.0	8.0	9.0
2011/02/15	Mid Ebb	DS4	M	8.1	60.0	0.1	15.8	31.8	99.2	8.1	7.8	8.0	8.0
2011/02/15	Mid Ebb	DS4	T	1.1	177.7	0.2	15.8	31.8	99.4	8.1	7.7	8.0	9.0
2011/02/15	Mid Ebb	DS4	T	1.2	145.6	0.1	15.8	31.8	99.4	8.1	7.2	8.0	8.0
2011/02/15	Mid Ebb	DS5	B	7.0	294.8	0.1	15.8	31.8	107.3	8.8	4.1	8.0	4.0
2011/02/15	Mid Ebb	DS5	B	6.8	295.9	0.3	15.8	31.8	100.9	8.2	4.7	8.0	5.0
2011/02/15	Mid Ebb	DS5	M	4.5	177.9	0.3	15.8	31.8	99.4	8.1	3.6	8.0	4.0
2011/02/15	Mid Ebb	DS5	M	4.6	83.3	0.3	15.8	31.8	99.3	8.1	4.3	8.0	4.0
2011/02/15	Mid Ebb	DS5	T	1.2	60.0	0.2	15.8	31.8	99.3	8.1	3.4	8.0	3.0
2011/02/15	Mid Ebb	DS5	T	1.0	297.0	0.3	15.8	31.8	99.4	8.1	4.1	8.0	3.0
2011/02/15	Mid Ebb	MW1	B	19.1	61.0	0.2	15.6	31.8	98.8	8.1	3.3	7.9	4.0
2011/02/15	Mid Ebb	MW1	B	19.2	85.6	0.1	15.6	31.8	99.2	8.1	5.1	8.0	3.0
2011/02/15	Mid Ebb	MW1	M	10.4	38.6	0.2	15.6	31.8	99.0	8.1	4.5	8.0	5.0
2011/02/15	Mid Ebb	MW1	M	10.5	33.3	1.4	15.6	31.8	99.1	8.1	4.6	8.0	5.0
2011/02/15	Mid Ebb	MW1	T	1.1	6.5	0.4	15.6	31.8	99.4	8.2	3.2	8.0	4.0
2011/02/15	Mid Ebb	MW1	T	1.2	215.1	0.5	15.6	31.8	99.6	8.2	3.6	8.0	3.0
2011/02/15	Mid Ebb	US1	B	10.1	121.3	0.2	15.6	31.8	100.0	8.2	5.2	8.0	6.0
2011/02/15	Mid Ebb	US1	B	9.8	152.5	0.1	15.6	31.8	100.5	8.3	4.9	8.1	6.0
2011/02/15	Mid Ebb	US1	M	6.0	49.3	0.2	15.6	31.8	99.7	8.2	4.7	8.0	6.0
2011/02/15	Mid Ebb	US1	M	6.0	116.8	0.1	15.6	31.7	99.8	8.2	4.5	8.0	6.0
2011/02/15	Mid Ebb	US1	T	0.8	118.9	0.2	15.6	31.7	100.2	8.2	4.5	8.1	5.0
2011/02/15	Mid Ebb	US1	T	1.2	50.3	0.1	15.6	31.7	100.2	8.2	4.0	8.1	5.0
2011/02/15	Mid Ebb	US2	B	6.9	247.9	0.1	15.5	31.8	101.6	8.4	5.2	8.1	5.0
2011/02/15	Mid Ebb	US2	B	7.0	130.8	0.3	15.5	31.8	100.3	8.3	5.1	8.1	5.0
2011/02/15	Mid Ebb	US2	M	4.5	6.1	0.3	15.5	31.8	100.7	8.3	4.8	8.1	5.0
2011/02/15	Mid Ebb	US2	M	4.6	325.8	0.3	15.5	31.7	100.5	8.3	4.8	8.1	6.0
2011/02/15	Mid Ebb	US2	T	1.2	341.8	0.2	15.5	31.7	100.8	8.3	4.5	8.1	4.0
2011/02/15	Mid Ebb	US2	T	0.9	163.1	0.4	15.5	31.7	100.8	8.3	4.4	8.1	4.0

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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)
2011/02/15	Mid Flood	DS1	B	20.0	242.1	0.6	15.6	31.8	99.9	8.2	5.5	8.0	7.0
2011/02/15	Mid Flood	DS1	B	19.9	293.0	0.1	15.7	31.8	99.7	8.2	6.9	8.0	5.0
2011/02/15	Mid Flood	DS1	M	11.1	241.2	1.3	15.6	31.8	99.7	8.2	6.1	8.0	12.0
2011/02/15	Mid Flood	DS1	M	11.2	31.8	1.2	15.7	31.8	98.9	8.1	6.8	8.0	10.0
2011/02/15	Mid Flood	DS1	T	1.0	290.1	0.3	15.6	31.8	99.9	8.2	6.8	8.0	6.0
2011/02/15	Mid Flood	DS1	T	1.0	320.7	0.1	15.7	31.9	99.2	8.1	6.3	8.0	7.0
2011/02/15	Mid Flood	DS2	B	7.0	331.9	0.0	15.4	31.8	101.6	8.4	4.3	8.1	4.0
2011/02/15	Mid Flood	DS2	B	7.0	344.0	0.1	15.3	31.7	102.5	8.5	3.7	8.1	4.0
2011/02/15	Mid Flood	DS2	M	4.6	7.9	0.4	15.4	31.8	101.5	8.4	4.6	8.1	4.0
2011/02/15	Mid Flood	DS2	M	4.6	327.3	0.4	15.3	31.8	101.6	8.4	4.2	8.1	4.0
2011/02/15	Mid Flood	DS2	T	1.0	287.0	0.3	15.3	31.7	101.7	8.4	4.5	8.1	2.0
2011/02/15	Mid Flood	DS2	T	0.9	15.7	0.2	15.4	31.7	101.5	8.4	3.9	8.1	3.0
2011/02/15	Mid Flood	DS3	B	7.1	333.2	0.3	15.0	31.7	103.8	8.6	8.9	8.1	9.0
2011/02/15	Mid Flood	DS3	B	6.9	313.7	0.3	15.0	31.7	104.0	8.6	8.0	8.1	11.0
2011/02/15	Mid Flood	DS3	M	4.4	8.1	0.5	15.0	31.7	102.2	8.5	8.2	8.1	13.0
2011/02/15	Mid Flood	DS3	M	4.5	349.3	0.4	15.1	31.7	102.2	8.5	8.0	8.1	11.0
2011/02/15	Mid Flood	DS3	T	1.0	354.8	0.3	15.1	31.7	102.2	8.5	6.9	8.1	7.0
2011/02/15	Mid Flood	DS3	T	1.2	20.8	0.2	15.1	31.7	102.2	8.5	6.1	8.1	9.0
2011/02/15	Mid Flood	DS4	B	6.8	22.2	0.2	15.0	31.8	103.6	8.6	9.7	8.1	10.0
2011/02/15	Mid Flood	DS4	B	6.9	350.5	0.3	15.1	31.8	101.5	8.4	9.3	8.1	10.0
2011/02/15	Mid Flood	DS4	M	4.5	51.2	0.2	15.2	31.7	101.8	8.4	8.2	8.1	10.0
2011/02/15	Mid Flood	DS4	M	4.5	324.0	0.4	15.2	31.7	101.4	8.4	7.3	8.1	12.0
2011/02/15	Mid Flood	DS4	T	1.0	14.9	0.3	15.2	31.7	101.6	8.4	7.5	8.1	8.0
2011/02/15	Mid Flood	DS4	T	1.1	323.7	0.2	15.2	31.7	101.4	8.4	6.9	8.1	10.0
2011/02/15	Mid Flood	DS5	B	8.1	318.0	0.3	15.1	31.8	102.6	8.5	14.0	8.1	17.0
2011/02/15	Mid Flood	DS5	B	7.9	352.5	0.3	15.1	31.8	102.5	8.5	14.7	8.1	18.0
2011/02/15	Mid Flood	DS5	M	4.9	339.5	0.4	15.2	31.7	101.6	8.4	11.1	8.1	16.0
2011/02/15	Mid Flood	DS5	M	5.1	108.9	0.0	15.2	31.7	101.4	8.4	9.6	8.1	15.0
2011/02/15	Mid Flood	DS5	T	1.0	247.3	0.1	15.1	31.7	101.6	8.4	8.7	8.1	11.0
2011/02/15	Mid Flood	DS5	T	1.0	329.8	0.2	15.2	31.7	101.6	8.4	8.7	8.1	9.0
2011/02/15	Mid Flood	MW1	B	19.0	130.8	0.4	15.5	31.9	98.9	8.1	3.0	7.9	6.0
2011/02/15	Mid Flood	MW1	B	18.9	219.3	0.2	15.6	31.9	97.8	8.0	2.8	8.0	8.0
2011/02/15	Mid Flood	MW1	M	10.4	312.9	0.0	15.5	31.9	98.4	8.1	3.0	8.0	5.0
2011/02/15	Mid Flood	MW1	M	10.6	44.3	0.2	15.6	31.9	98.1	8.1	3.0	8.0	7.0
2011/02/15	Mid Flood	MW1	T	1.1	141.8	0.2	15.5	31.9	98.7	8.1	3.3	8.0	4.0
2011/02/15	Mid Flood	MW1	T	1.1	92.4	0.2	15.6	31.9	98.5	8.1	2.8	8.0	5.0
2011/02/15	Mid Flood	US1	B	7.1	35.9	0.3	15.8	31.9	101.2	8.3	5.8	8.0	5.0
2011/02/15	Mid Flood	US1	B	7.1	305.5	0.5	15.8	31.9	101.5	8.3	7.5	8.0	5.0
2011/02/15	Mid Flood	US1	M	4.7	300.4	0.3	15.8	31.9	99.1	8.1	4.2	8.0	13.0
2011/02/15	Mid Flood	US1	M	4.5	277.1	0.5	15.8	31.9	99.1	8.1	9.8	8.0	13.0
2011/02/15	Mid Flood	US1	T	1.1	320.3	0.4	15.8	31.9	98.9	8.1	4.3	8.0	4.0
2011/02/15	Mid Flood	US1	T	1.1	305.5	0.4	15.8	31.9	99.0	8.1	5.2	8.0	4.0
2011/02/15	Mid Flood	US2	B	7.0	296.3	0.3	15.7	31.8	102.3	8.4	4.4	8.0	5.0
2011/02/15	Mid Flood	US2	B	7.0	330.3	0.2	15.7	31.9	101.5	8.3	4.8	8.0	4.0
2011/02/15	Mid Flood	US2	M	4.6	317.0	0.4	15.7	31.9	99.3	8.1	5.1	8.0	5.0
2011/02/15	Mid Flood	US2	M	4.4	19.0	0.1	15.8	31.9	99.3	8.1	4.9	8.0	6.0
2011/02/15	Mid Flood	US2	T	1.1	269.8	0.3	15.7	31.9	99.2	8.1	4.9	8.0	5.0
2011/02/15	Mid Flood	US2	T	1.0	335.2	0.3	15.7	31.9	99.2	8.1	4.6	8.0	4.0