Middle Cape Fear River Basin
May 2005

Station	Date (m/d/yyyy)	Time (hh:mm)	Depth (m)	Temp (°C)	Temp_mrk	DO (mg/L)	DOmrk	pH (su)	pH_mrk	Conductivity (umhos/cm)	Conductivity_mrk	Fecal Coliform	Fecal Coliform	Suspended Residue (mg/L)	Suspended Residue_mrk	Turbidity (NTU)	Turbidity_mrk	Chlorophyll_a (ug/L)	Chlorophyll_mrk	NH3_N (mg/L)	NH3_N_mrk	TKN_N (mg/L)	TKN_N_mrk	NO2_NO3_N (mg/L)	NO2_NO3_N_mrk	TP (mg/L)	TP_mrk	Cadmium, Cd (ug/L)	Cadmium, Cd_mrk	Chromium, Cr (ug/L)	Chromium, Cr_mrk	Copper, Cu (ug/L)	Copper, Cu_mrk	Nickel, Ni (ug/L)	Nickel, Ni_mrk	Lead, Pb (ug/L)	Lead, Pb_mrk	Zinc, Zn (ug/L)	Zinc, Zn_mrk	Aluminum, Al (ug/L)	Aluminum, Al_mrk	Iron, Fe (ug/L)	Iron, Fe_mrk	Manganese, Mn (ug/L)	Manganese, Mn_mrk	Arsenic, As (ug/L)	Arsenic, As_mrk	Mercury, Hg (ug/L)	Mercury, Hg_mrk	Comments
B6130500	5/25/2005	14:42	0.1	17.6		4.4		6.76		78		41		2		9.8				0.02		0.3		0.20		0.073																									
B6160000	5/25/2005	15:01	0.1	21.6		8.1		7.61		196		4		19		4.3		8.72		0.02	U	0.7		0.54		0.116																									
B6160000	5/4/2005	8:08	0.1	18.1		7.9		7.80		147																																								
B6200000	5/25/2005	14:26	0.1	18.3		4.9		6.85		90		20		3		2.2				0.12		0.5		0.15		0.090																									
B6230000	5/25/2005	13:59	0.1	16.3		8.7		7.41		59		33		3		6.6				0.02	U	0.3		0.27		0.046																									
B6252000	5/25/2005	13:05	0.1	17.9		7.8		7.02		96		23		3		8.0				0.02	U	0.5		0.34		0.185																									
B6320000	5/25/2005	13:32	0.1	17.7		7.8		6.65		138		43		8		9.0				0.05		0.7		0.71		0.372																									
B6370000	5/25/2005	11:45	0.1	21.3		7.8		7.36		181		18		22		5.5				0.02	U	0.7		0.52		0.117		0.5	U	5	U	5		1.6		0.7		10	U	568		985		195		10	U	0.003		
B6370000	5/4/2005	8:59	0.1	19.2		8.4		7.42		136																																							
B6485000	5/25/2005	12:26	0.1	18.1		7.6		6.96		81		260		4		8.9				0.02		0.7		0.15		0.061																									
B6830000	5/10/2005	13:48	0.1	17.7		10.6		6.30		50		49		9		6.0				0.02		0.5		0.30		0.025																									
B6840000	5/10/2005	13:20	0.1	20.0		10.7		7.46		141		14		11		4.8				0.02	U	0.5		0.56		0.038		0.5	U	5	U	5	U	0.9		0.5		10	U	212		777		50		10	U	0.002		
B6840000	5/4/2005	9:26	0.1	18.4		8.3		7.31		131																																							
B7300000	5/10/2005	12:42	0.1	17.8		9.8		6.15		47	U	67	B1	7		2.3				0.04		0.5		0.37		0.056																									
B7480000	5/5/2005	12:45	0.1	18.3		8.5		7.12		118		5		9		6.9				0.02	U	0.5		0.53		0.041																									
B7480000	5/5/2005	12:45	1.6	18.3		8.4		7.19		118																																							
B7480000	5/5/2005	12:45	3.4	18.3		8.4		7.15		118																																							
B7480000	5/18/2005	12:51	0.1	23.6		8.1		7.28		140																																							
B7480000	5/18/2005	12:51	2.1	23.6		8.2		7.27		140																																							
B7480000	5/18/2005	12:51	4.3	23.6		8.2		7.28		141																																							
B7500000	5/5/2005	12:02	0.1	18.7		8.8		7.22		121		12		10		5.0				0.02	U	0.5		0.64		0.044		0.5	U	5	U	5	U	1		0.7		10	U	239		766		47		10	U	0.003		
B7500000	5/5/2005	12:02	1.5	18.7		8.6		7.23		121																																							
B7500000	5/5/2005	12:02	3.0	18.7		8.6		7.23		121																																							
B7500000	5/18/2005	12:20	0.1	23.3		6.9		7.15		149																																							
B7500000	5/18/2005	12:20	2.1	23.2		6.8		7.18		149																																							
B7500000	5/18/2005	12:20	4.3	23.2		6.7		7.17		149																																							
B7590000	5/5/2005	13:34	0.1	16.0		9.4		7.10		104		12		4		3.6				0.08		0.5		0.44		0.020	U																									
B7679300	5/4/2005	13:53	0.1	15.2		9.6		3.17		47	U	43		9		2.3				0.02	U	0.3		0.06		0.020	U																									
B7700000	5/4/2005	13:02	0.1	15.6		9.0		4.82		47	U	45		6		2.2				0.03		0.4		0.73		0.109																									
B8230000	5/4/2005	12:07	0.1	16.9		9.2		5.34		47	U	70	B1	11		7.1				0.02	U	0.4		0.42		0.040																									
B8290000	5/5/2005	11:00	0.1	18.6		8.2		7.05		113		20		10		5.6		1.00	U	0.03		0.5		0.71		0.081		0.5	U	5	U	3		0.8		0.7		10	U	286		860		76		10	U	0.0045		
B8290000	5/5/2005	11:00	2.7	18.6		8.1		6.99		113																																							
B8290000	5/5/2005	11:00	5.5	18.6		8.1		6.97		113																																							
B8290000	5/18/2005	10:58	0.1	23.1		6.9		7.04		135																																							
B8290000	5/18/2005	10:58	2.7	23.1		6.8		7.11		136																																							
B8290000	5/18/2005	10:58	5.5	23.1		7.0		7.09		136																																							
B8302000	5/4/2005	13:29	0.1	19.2		9.5		6.89		114		47		16		7.3				0.05		0.6		0.67		0.056																									
B8302000	5/4/2005	13:29	2.7	19.1		9.4		6.86		114																																							
B8302000	5/4/2005	13:29	5.5	19.1		9.3		6.88		114																																							
B8302000	5/16/2005	16:03	0.1	23.1		8.1		6.77		130																																							
B8302000	5/16/2005	16:03	2.4	23.0		8.0		6.77		138																																							
B8302000	5/16/2005	16:03	4.9	23.1		8.0		6.75		128																																							
B8305000	5/4/2005	14:05	0.1	18.9		9.2		6.77		118		11		12		6.0		1.68		0.05		0.6		0.85		0.128																									
B8305000	5/4/2005	14:05	2.1	18.9		9.2		6.80		118																																							
B8305000	5/4/2005	14:05	4.3	18.9		9.1		6.81		119																																							
B8305000	5/16/2005	15:51	0.1	23.1		8.0		6.96		139																																							
B8305000	5/16/2005	15:51	1.8	23.0		7.9		6.82		138																																							
B8305000	5/16/2005	15:51	3.7	23.0		7.9		6.86		139																																							
B8306000	5/4/2005	11:28	0.1	18.9		8.5		6.83		115		4		10		10.2				0.06		0.6		0.87		0.103																									
B8306000	5/4/2005	11:28	2.4	18.9		8.3		6.76		115																																							
B8306000	5/4/2005	11:28	4.9	18.9		8.3		6.77		116																																							
B8306000	5/16/2005	14:38	0.1	23.1		8.4		6.89		140																																							
B8306000	5/16/2005	14:38	1.8	22.9		8.2		6.79		140																																							
B8306000	5/16/2005	14:38	3.7	22.9		8.2		6.83		139																																							
B8315000	5/4/2005	11:27	0.1	15.4		8.5		3.86		55		90	B1	8		5.5				0.12		1.1		0.24		0.031																									
B8320000	5/4/2005	11:51	0.1	19.1		8.7		6.79		116		8		12		8.3				0.06		0.5		0.89		0.101																									
B8320000	5/4/2005	11:51	1.9	19.0		8.7		6.75		115																																							
B8320000	5/4/2005	11:51	4.3	18.9		8.6		6.75		115																																							
B8320000	5/16/2005	14:21	0.1	22.9		8.6		6.86		136																																							
B8320000	5/16/2005	14:21	2.1	22.8		8.4		6.75		135																																							
B8320000	5/16/2005	14:21	4.3	22.6		8.3		6.79		134																																							
B8339000	5/4/2005	12:14	0.1	18.9		8.8		6.67		114		39		8		7.4		2.99		0.07		0.5		0.81		0.100																									
B8339000	5/4/2005	12:14	3.7	18.8		8.7		6.69		114																																							
B8339000	5/4/2005	12:14	7.3	18.8		8.5		6.72		113																																							
B8339000	5/16/2005	14:10	0.1	22.6		7.7		6.95		134																																							
B8339000	5/16/2005	14:10	2.1	22.4		7.5		6.76		135																																							
B8339000	5/16/2005	14:10	4.3	22.4		7.5		6.80		135																																							
B8340100	5/4/2005	10:56	0.1	15.5		7.9		3.61		53		54		2		4.8				0.06		1.0		0.08		0.024																									
B8340130	5/2/2005	11:15	0.1	18.4		8.7		6.59		118		18		15		8.8				0.08		0.6		1.02		0.129																									
B8340130	5/2/2005	11:15	2.1	18.4		8.7		6.57		118																																							
B8340130	5/2/2005	11:15	4.3	18.4		8.5		6.63		118																																							
B8340130	5/16/2005	13:37	0.1	22.5		8.0		6.73		129																																							
B8340130	5/16/2005	13:37	1.6	22.4		8.1		6.66		129																																							
B8340130	5/16/2005	13:37	3.0	22.4		8.0		6.68		128																																							
B8340650	5/2/2005	12:28	0.1	18.8		6.9		6.39		112		12		14		8.7				0.07		0.7		0.88		0.105																									
B8340650	5/2/2005	12:28	3.7	18.5		6.6		6.49		112																																							
B8340650	5/2/2005	12:28	7.3	18.6		6.7		6.51		112																																							
B8340650	5/16/2005	12:25	0.1	22.1		6.7		6.80		119																																							
B8340650	5/16/2005	12:25	2.7	22.1		6.6		6.57		118																																							
B8340650	5/16/2005	12:25	5.5	22.1		6.6		6.65		119																																							
B8348000	5/2/2005	12:58	0.1	19.0		8.5		6.62		109		11		8		11.2				0.09		0.6		0.88		0.098																									
B8348000	5/2/2005	12:58	2.4	18.8		8.5		6.51		109																																							
B8348000	5/2/2005	12:58	4.9	18.8		8.5		6.55		109																																							
B8348000	5/16/2005	12:48	0.1	22.0		7.5		6.83		122																																							
B8348000	5/16/2005	12:48	2.4	21.9		7.5		6.62		121																																							
B8348000	5/16/2005	12:48	4.9	21.8		7.4		6.69		122																																							
B8349000	5/2/2005	13:32	0.1	19.7		8.4		6.41		109		6		8		8.2		2.24		0.08		0.6		0.90		0.101		0.5	U	5	U	4		0.8		0.8		10	U	317		1050		200		10	U	0.0032		
B8349000	5/2/2005	13:32	2.1	19.4		8.3		6.41		109																																							
B8349000	5/2/2005	13:32	4.3	19.2		8.1		6.45		109																																							
B8349000	5/16/2005	11:47	0.1	21.7		7.3		6.90		123																																							
B8349000	5/16/2005	11:47	2.1	21.5		7.1		6.58		123																																							
B8349000	5/16/2005	11:47	4.3	21.5		7.0		6.67		123																																							
B7280000	5/10/2005	12:30	0.1	18.3		9.6		7.58		51		370		6		2.2				0.02	U	0.4		0.58		0.078																									