Middle Cape Fear River Basin
December 2005

Site	Station	Date (mr/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	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
					10.0	10mrk	300.0	300mrk	400.00	400mrk	94	94mrk	3161	6	3161mrk	530	530mrk	82079.0	82079mrk	32209.00	32209mrk	610	610mrk	625.0	625mrk	630.00	630mrk	665.000	665mrk	1027	1027mrk	1034	1034mrk	1042	1042mrk	1067	1067mrk	1051	1051mrk	1092	1092mrk	1105	1105mrk	1046	1045mrk	1055	1055mrk	1002	1002mrk	71900.0000	71900mrk
C1	B6130500	12/09/05	14:15	0.1	6.4		11.6		6.76		80		520			15		29.0				0.03		0.5		0.30		0.052																							
1	B6160000	12/09/05	13:56	0.1	8.2		12.0		7.18		124		1200	B1		40		60.0		7.37		0.11		0.8		0.86		0.196																							
2	B6200000	12/09/05	13:32	0.1	7.6		10.9		6.87		75		230			1		11.1				0.1		0.3		0.05		0.020	U																						
C2	B6230000	12/09/05	12:59	0.1	7.6		12.0		6.69		69		1800	B1		15		13.5				0.03		0.4		0.79		0.031																							
26	B6252000	12/09/05	11:58	0.1	7.5		11.4		6.60		113		290			10		10.2				0.03		0.4		0.85		0.060																							
3	B6322000	12/09/05	12:31	0.1	7.2		11.9		6.82		130		580			65		27.1				0.05		0.6		1.39		0.24																							
4	B6370000	12/09/05	10:55	0.1	8.7		11.4		7.23		114		1000	B1		37		54.0				0.09		0.7		1.01		0.213																							
C3	B6485000	12/09/05	11:24	0.1	7.3		11.6		6.14		154		400			2		2.8				0.02	U	0.5		0.61		0.025																							
6	B6830000	12/06/05	11:42	0.1	9.5		9.7		6.19		74		550			13		12.0				0.02	U	0.5		0.38		0.042																							
5	B6840000	12/06/05	12:06	0.1	10.7		10.0		7.03		119		390			63		45.0				0.08		0.7		0.72		0.189																							
7	B7300000	12/06/05	13:26	0.1	10.0		11.1		5.77		47	U	210			11		10.0				0.02	U	0.3		0.23		0.056																							
8	B7480000	12/07/05	13:17	0.1	9.8		10.3		6.96		133		310			93		40.4				0.07		0.9		0.74		0.128																							
8	B7480000	12/07/05	13:17	3.1	9.8		10.4		6.98		132																																							
9	B7480000	12/07/05	13:17	6.4	9.8		10.4		7.17		128																																							
10	B7500000	12/07/05	12:35	0.1	10.1		10.3		6.97		117		290			92		67.0				0.07		0.7		0.69		0.115																							
10	B7500000	12/07/05	12:35	2.8	10.1		10.3		6.98		117																																							
10	B7500000	12/07/05	12:35	5.8	10.1		10.3		7.08		113																																							
C9	B7547000	12/07/05	10:42	0.1	7.4		12.2		6.10		49		181	B1		4		7.3				0.02	U	0.3		0.21		0.020	U																							
C10	B7584000	12/07/05	11:05	0.1	9.3		11.4		6.18		73		38			12		22.3				0.07		0.3		0.44		0.025																							
C8	B7584800	12/07/05	10:25	0.1	9.0		9.6		6.87		209		170	B1		2		9.0				0.2		0.8		1.10		0.025																							
C7	B7584900	12/07/05	9:42	0.1	6.5		8.8		7.11		603		210			7		20.3				3.94		5.7		1.05		0.169																							
C4	B7590000	12/07/05	10:03	0.1	7.5		12.0		6.55		62		160	B1		6		7.9				0.06		0.3		0.28		0.020	U																							
28	B7679300	12/07/05	13:03	0.1	8.3		10.1		3.63		47	U	65			2		3.2				0.02	U	0.2		0.04		0.020	U																							
12	B7700000	12/07/05	12:40	0.1	8.1		10.5		4.69		47	U	70	B4		3		2.6				0.02	U	0.3		0.22		0.069																							
13	B8230000	12/07/05	11:43	0.1	8.5		11.9		5.23		47	U	152	B1		13		10.9				0.02	U	0.3		0.24		0.040																							
14	B8290000	12/07/05	11:51	0.1	10.1		10.3		7.04		114		380			40		53.6		3.12		0.06		0.6		0.68		0.151																							
14	B8290000	12/07/05	11:51	4.0	10.1		10.2		6.91		114																																							
14	B8290000	12/07/05	11:51	7.9	10.1		10.2		6.89		114																																							
16	B8302000	12/13/05	12:33	0.1	7.6		11.0		6.93		110		67	B4		18		28.9				0.08		0.5		0.84		0.149																							
16	B8302000	12/13/05	12:33	2.7	7.6		11.1		6.86		112																																							
16	B8302000	12/13/05	12:33	5.5	7.6		10.9		7.11		107																																							
17	B8305000	12/13/05	12:18	0.1	7.6		11.2		6.86		108		124	B4		16		31.5		7.48		0.07		0.8		0.91		0.160																							
17	B8305000	12/13/05	12:18	3.0	7.5		11.2		6.81		111																																							
17	B8305000	12/13/05	12:18	6.1	7.5		11.0		7.09		105																																							
18	B8306000	12/13/05	10:16	0.1	7.7		10.3		7.58		117		120	B4		14		23.7				0.06		0.6		0.95		0.141																							
18	B8306000	12/13/05	10:16	3.4	7.7		10.3		7.01		117																																							
18	B8306000	12/13/05	10:16	6.7	7.7		10.3		7.20		114																																							
C5	B8315000	12/13/05	11:42	0.1	7.1		10.5		4.26		84		150	B4		1	U	2.7				0.02	U	0.7		0.40		0.045																							
20	B8320000	12/13/05	11:08	0.1	7.7		10.9		6.89		120		90	B4		11		21.6				0.07		0.6		0.94		0.138																							
20	B8320000	12/13/05	11:08	2.8	7.7		11.0		6.81		119																																							
20	B8320000	12/13/05	11:08	5.8	7.7		11.0		6.90		115																																							
21	B8339000	12/13/05	10:52	0.1	7.7		11.1		6.93		120		90	B4		10.0		20.6		8.97		0.06		0.6		0.97		0.128																							
21	B8339000	12/13/05	10:52	2.4	7.7		11.0		6.87		119																																							
21	B8339000	12/13/05	10:52	4.9	7.7		10.9		7.08		114																																							
C6	B8340100	12/12/05	11:21	0.1	8.1		10.3		4.15		70		7			1	U	2.3				0.02	U	0.4		0.04		0.028																							
22	B8340130	12/12/05	11:55	0.1	8.1		12.2		6.83		97		136			45		37.4				0.07		0.6		0.99		0.220																							
22	B8340130	12/12/05	11:55	2.7	8.0		12.3		6.84		98																																							
22	B8340130	12/12/05	11:55	5.5	7.8		12.4		6.91		97																																							
23	B8340650	12/12/05	12:54	0.1	8.2		11.2		6.68		92		104			26		24.8				0.07		0.6		0.84		0.178																							
23	B8340650	12/12/05	12:54	3.8	8.2		11.3		6.58		91																																							
23	B8340650	12/12/05	12:54	7.6	8.1		11.2		6.81		87																																							
24	B8348000	12/12/05	13:30	0.1	8.3		11.1		6.61		93		41			20		27.2				0.1		0.6		0.75		0.158																							
24	B8348000	12/12/05	13:30	3.4	8.3		11.1		6.58		94																																							
24	B8348000	12/12/05	13:30	6.7	8.3		11.0		6.84		88																																							
25	B8349000	12/12/05	13:56	0.1	8.5		10.6		6.68		97		46			22		33.0		8.01		0.09		0.5		0.73		0.143																							
25	B8349000	12/12/05	13:56	2.7	8.4		10.6		6.70		97																																							
25	B8349000	12/12/05	13:56	5.5	8.4		10.5		6.82		91																																							
27	B7280000	12/06/05	13:46	0.1	10.0		11.5		5.69		47	U	171	B1		10		9.0				0.02	U	0.3		0.21		0.040																							