Middle Cape Fear River Basin
August 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	08/23/05	14:52	0.1	25.4		4.5		6.39		88		265		10		15.0				0.06		0.7		0.29		0.079																								
B6160000	08/03/05	7:54	0.1	26.8		5.9		6.76		147																																							
B6160000	08/23/05	14:31	0.1	29.6		5.5		7.08		167		2800	B1	13		17.0		26.00		0.02	U	1.2		0.51		0.138																								
B6200000	08/23/05	14:12	0.1	25.0		3.9		6.74		76		110	B1	1	U	3.4				0.08		0.6		0.17		0.066																								
B6230000	08/23/05	13:43	0.1	24.6		8.4		6.75		55		360		1	U	9.3				0.02	U	0.5		0.34		0.025																								
B6252000	08/23/05	12:39	0.1	25.5		6.0		6.43		103		120	B1	5		9.2				0.04		0.7		0.15		0.151																								
B6320000	08/23/05	13:02	0.1	25.2		6.4		6.76		167		120	B1	2		9.4				0.05		0.8		0.66		0.377																								
B6370000	08/03/05	8:31	0.1	27.4		6.1		6.95		126																																							
B6370000	08/23/05	11:42	0.1	30.1		6.5		7.45		158		152	B1	8		18.1				0.03		0.8		0.62		0.118																								
B6485000	08/23/05	12:02	0.1	25.0		2.5		6.52		119		53		2		4.3				0.07		1.0		0.17		0.063																								
B6830000	08/23/05	11:19	0.1	26.6		6.4		6.45		56		124	B1	2		4.1				0.02	U	0.7		0.26		0.028																								
B6840000	08/03/05	8:56	0.1	26.6		6.7		6.82		100																																							
B6840000	08/23/05	11:10	0.1	30.1		6.7		7.64		155		230		4		13.2				0.02	U	0.7		0.74		0.117																								
B7300000	08/09/05	14:23	0.1	25.2		7.4		6.05		49		700	B4	6		5.6				0.09		0.6		0.59		0.112																								
B7480000	08/03/05	13:10	0.1	27.2		5.8		6.62		82		205		22		30.9				0.06		0.7		0.40		0.107																								
B7480000	08/03/05	13:10	2.7	27.1		5.7		6.51		82																																							
B7480000	08/03/05	13:10	5.5	27.0		5.7		6.46		82																																							
B7480000	08/11/05	14:18	0.1	27.8		6.6		7.03		126																																							
B7480000	08/11/05	14:18	1.8	27.7		6.6		6.95		126																																							
B7480000	08/11/05	14:18	3.7	27.7		6.6		6.98		126																																							
B7500000	08/03/05	12:33	0.1	27.2		5.6		6.29		87		36		10		30.4				0.06		0.8		0.46		0.093																								
B7500000	08/03/05	12:33	2.7	27.1		5.6		6.28		87																																							
B7500000	08/03/05	12:33	5.5	27.0		5.6		6.40		87																																							
B7500000	08/11/05	13:55	0.1	28.2		6.9		7.02		139																																							
B7500000	08/11/05	13:55	2.1	28.1		6.7		6.94		139																																							
B7500000	08/11/05	13:55	4.3	28.1		6.6		6.95		138																																							
B7547000	08/03/05	10:59	0.1	25.8		8.7		6.71		57		140	B1	3		6.3				0.05		0.4		0.19		0.024																								
B7584000	08/03/05	11:14	0.1	25.5		8.2		6.30		85		280		7		12.5				0.1		0.5		0.43		0.452																								
B7584800	08/03/05	10:36	0.1	24.0		7.3		6.75		208		440		5		11.1				0.15		0.8		0.38		0.037																								
B7584900	08/09/05	13:04	0.1	24.8		4.0		7.43		581		230		4		7.6				2.77		4.8		1.84		0.185																								
B7590000	08/03/05	10:18	0.1	25.0		7.8		7.04		77		152	B1	4		7.7				0.07		0.5		0.31		0.587																								
B7679300	08/03/05	13:02	0.1	23.4		5.7		3.88		47	U	58		3		3.2				0.02	U	0.4		0.06		0.020	U																							
B7700000	08/03/05	12:36	0.1	23.7		6.8		4.40		47	U	50		3		4.3				0.02	U	0.6		0.18		0.059																								
B8230000	08/03/05	11:52	0.1	24.6		7.8		5.34		47	U	800	B1	13		12.0				0.02	U	0.5		0.22		0.062																								
B8290000	08/03/05	12:02	0.1	27.0		5.1		6.55		92		48		13		24.6		3.31		0.07		0.7		0.52		0.109																								
B8290000	08/03/05	12:02	3.7	26.9		5.2		6.35		92																																							
B8290000	08/03/05	12:02	7.3	26.8		5.2		6.40		92																																							
B8290000	08/11/05	11:19	0.1	27.8		6.1		6.76		121																																							
B8290000	08/11/05	11:19	2.4	27.8		6.1		6.81		123																																							
B8290000	08/11/05	11:19	4.9	27.7		6.0		6.83		121																																							
B8302000	08/02/05	13:50	0.1	27.1		6.7		6.62		100		205		16		25.8				0.06		0.7		0.58		0.138																								
B8302000	08/02/05	13:50	3.7	27.0		6.8		6.61		106																																							
B8302000	08/02/05	13:50	7.3	27.0		6.8		6.60		107																																							
B8302000	08/11/05	11:17	0.1	28.0		5.8		6.81		118																																							
B8302000	08/11/05	11:17	2.7	28.0		5.7		6.67		130																																							
B8302000	08/11/05	11:17	5.5	27.9		5.7		6.73		117																																							
B8305000	08/02/05	13:33	0.1	27.0		6.7		6.62		107		210		13		22.9		1.38		0.05		0.6		0.56		0.161																								
B8305000	08/02/05	13:33	2.1	27.0		6.7		6.61		107																																							
B8305000	08/02/05	13:33	4.3	27.0		6.7		6.62		107																																							
B8305000	08/11/05	11:06	0.1	27.8		5.6		6.73		123																																							
B8305000	08/11/05	11:06	2.1	27.9		5.6		6.75		123																																							
B8305000	08/11/05	11:06	4.3	27.8		5.5		6.73		124																																							
B8306000	08/02/05	11:45	0.1	26.9		5.6		6.62		114		171	B1	34		30.6				0.08		0.7		0.61		0.133																								
B8306000	08/02/05	11:45	4.0	26.9		5.6		6.58		114																																							
B8306000	08/02/05	11:45	7.9	26.9		5.5		6.61		113																																							
B8306000	08/10/05	15:30	0.1	28.2		5.5		6.47		122																																							
B8306000	08/10/05	15:30	2.7	28.1		5.5		6.51		122																																							
B8306000	08/10/05	15:30	5.5	27.5		5.3		6.48		120																																							
B8315000	08/02/05	12:59	0.1	23.2		6.7		3.98		87		480		2		3.8				0.08		1.0		0.20		0.158																								
B8320000	08/02/05	12:02	0.1	27.0		5.8		6.51		111		250		15		18.8				0.12		0.7		0.55		0.412																								
B8320000	08/02/05	12:02	2.7	27.0		5.8		6.47		111																																							
B8320000	08/02/05	12:02	5.5	26.9		5.8		6.47		111																																							
B8320000	08/10/05	15:09	0.1	28.4		5.6		6.46		110																																							
B8320000	08/10/05	15:09	3.4	28.3		5.6		6.31		110																																							
B8320000	08/10/05	15:09	6.7	28.1		5.5		6.42		110																																							
B8339000	08/02/05	12:11	0.1	27.1		6.1		6.52		110		160	B1	16.0		19.5		2.51		0.13		0.7		0.55		0.148																								
B8339000	08/02/05	12:11	3.0	27.0		6.0		6.49		110																																							
B8339000	08/02/05	12:11	6.1	27.0		5.9		6.50		110																																							
B8339000	08/10/05	14:59	0.1	28.4		5.4		6.48		108																																							
B8339000	08/10/05	14:59	2.1	28.2		5.2		6.49		108																																							
B8339000	08/10/05	14:59	4.3	28.0		5.1		6.41		108																																							
B8340100	08/01/05	11:30	0.1	23.3		5.5		3.79		57		152		6		6.3				0.06		1.0		0.05		0.344																								
B8340130	08/01/05	11:54	0.1	26.8		5.8		6.19		90		440		18		25.7				0.11		0.8		0.68		0.154																								
B8340130	08/01/05	11:54	3.0	26.8		5.7		6.23		90																																							
B8340130	08/01/05	11:54	6.1	26.7		5.8		6.22		90																																							
B8340200	08/10/05	14:20	0.1	28.4		6.1		6.32		109																																							
B8340200	08/10/05	14:20	2.4	28.3		6.1		6.38		110																																							
B8340200	08/10/05	14:20	4.9	28.2		6.1		6.30		109																																							
B8340650	08/01/05	12:50	0.1	26.0		5.1		5.95		73		510		22		31.9				0.11		0.7		0.55		0.140																								
B8340650	08/01/05	12:50	3.0	25.9		5.1		5.96		73																																							
B8340650	08/01/05	12:50	6.0	25.9		5.0		5.95		73																																							
B8340650	08/10/05	12:08	0.1	27.8		4.9		6.30		97																																							
B8340650	08/10/05	12:08	2.4	27.7		4.8		6.37		97																																							
B8340650	08/10/05	12:08	4.9	27.7		4.8		6.31		97																																							
B8348000	08/01/05	13:17	0.1	26.2		5.1		5.98		72		490		23		33.5				0.17		0.7		0.60		0.184																								
B8348000	08/01/05	13:17	4.0	26.0		4.9		5.99		72																																							
B8348000	08/01/05	13:17	7.9	26.1		4.8		5.94		72																																							
B8348000	08/10/05	12:34	0.1	27.8		4.7		6.32		88																																							
B8348000	08/10/05	12:34	2.7	27.5		4.6		6.22		88																																							
B8348000	08/10/05	12:34	5.5	27.5		4.5		6.25		88																																							
B8349000	08/01/05	13:45	0.1	27.9		4.7		6.37		108		75		9		14.2		3.55		0.14		0.7		0.79		0.143																								
B8349000	08/01/05	13:45	2.7	27.9		4.8		6.34		108																																							
B8349000	08/01/05	13:45	5.5	27.8		4.8		6.38		108																																							
B8349000	08/10/05	13:00	0.1	28.6		4.5		6.27		92																																							
B8349000	08/10/05	13:00	2.1	28.0		4.3		6.26		92																																							
B8349000	08/10/05	13:00	4.3	27.8		4.3		6.24		92																																							

Middle Cape Fear River Basin
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B7280000	08/09/05	14:07	0.1	25.3		7.5		6.39		52		3400		23		21.6				0.05		0.7		0.77		0.100																								