Middle Cape Fear River Basin
June 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	6/14/2005	13:51	0.1	24.7		3.4		6.26		83		37		2		15.7				0.06		0.4		0.22		0.043																									
B6160000	6/14/2005	14:15	0.1	24.8		8.5		6.89		159		27		10		11.6		2.30		0.03		0.9		0.64		0.130																									
B6160000	6/8/2005	8:06	0.1	26.9		7.7		7.17		160																																								
B6200000	6/14/2005	13:33	0.1	25.4		2.5		6.52		89		32		1		3.0				0.2		0.7		0.36		0.157																									
B6230000	6/14/2005	12:53	0.1	23.6		7.6		6.69		62		58		3		8.9				0.03		0.4		0.29		0.072																									
B6252000	6/14/2005	11:48	0.1	25.4		6.1		6.74		111		48		2		10.0				0.02	U	0.6		0.30		0.169																									
B6320000	6/14/2005	12:13	0.1	24.6		6.1		6.51		170		390		11		14.9				0.19		0.9		1.17		0.370																									
B6370000	6/14/2005	10:38	0.1	26.2		6.1		6.75		124		171	B1	26		20.3				0.02	U	0.8		0.76		0.164																									
B6370000	6/8/2005	8:43	0.1	26.9		6.3		7.40		161																																								
B6485000	6/14/2005	11:12	0.1	24.8		4.7		6.33		78		110	B1	2		9.6				0.07		0.8		0.22		0.056																									
B6830000	6/7/2005	13:45	0.1	23.1		8.5		6.59		62		28		1	U	7.2				0.02	U	0.5		0.29		0.174																									
B6840000	6/7/2005	13:28	0.1	27.0		8.1		7.18		169		23		12		11.1				0.02	U	0.5		0.90		0.138																									
B6840000	6/8/2005	9:28	0.1	26.4		7.0		7.31		165																																							
B7300000	6/7/2005	12:41	0.1	23.9		7.3		6.18		47	U	110	B1	4		4.4				0.02	U	0.5		0.46		0.130																									
B7480000	6/8/2005	12:48	0.1	26.6		7.2		7.02		146		51		18		10.5				0.04		0.9		0.82		0.151																									
B7480000	6/8/2005	12:48	1.5	26.6		7.2		7.02		146																																							
B7480000	6/8/2005	12:48	3.0	26.6		7.2		7.03		146																																							
B7480000	6/17/2005	12:46	0.1	27.1		6.7		7.03		147																																							
B7480000	6/17/2005	12:46	1.5	27.1		6.6		7.00		147																																							
B7480000	6/17/2005	12:46	3.0	27.1		6.7		7.02		147																																							
B7500000	6/8/2005	12:19	0.1	26.8		6.6		6.89		147		240		12		8.5				0.07		0.6		1.03		0.138																									
B7500000	6/8/2005	12:19	2.4	26.5		6.5		6.92		147																																							
B7500000	6/8/2005	12:19	4.9	26.4		6.3		6.95		147																																							
B7500000	6/17/2005	12:12	0.1	27.9		7.0		7.03		144																																							
B7500000	6/17/2005	12:12	2.4	28.6		6.4		6.91		142																																							
B7500000	6/17/2005	12:12	4.9	28.6		6.4		7.01		142																																							
B7590000	6/8/2005	14:00	0.1	26.2		8.1		6.54		69		208		9		8.0				0.06		0.5		0.25		0.054																									
B7679300	6/8/2005	13:37	0.1	21.0		8.5		3.64		47	U	3200	B1	20		17.0				0.02	U	0.4		0.07		0.020	U																									
B7700000	6/8/2005	13:07	0.1	22.2		6.8		4.85		47	U	2600	B1	24		31.1				0.16		0.8		0.91		0.298																									
B8230000	6/8/2005	12:25	0.1	24.0		8.0		5.53		47	U	450		14		15.7				0.06		0.7		0.52		0.116																									
B8290000	6/8/2005	11:42	0.1	25.4		7.1		6.80		139		29		12		6.4		6.58		0.02	U	0.6		0.70		0.125																									
B8290000	6/8/2005	11:42	3.0	25.3		7.0		6.94		139																																							
B8290000	6/8/2005	11:42	6.1	25.2		6.9		6.91		138																																							
B8290000	6/17/2005	11:26	0.1	28.1		5.5		6.83		126																																							
B8290000	6/17/2005	11:26	3.4	28.0		5.4		6.73		126																																							
B8290000	6/17/2005	11:26	6.7	28.0		5.4		6.73		126																																							
B8302000	6/6/2005	13:45	0.1	23.8		8.1		6.68		128		34		17		7.5				0.08		0.6		0.78		0.119																									
B8302000	6/6/2005	13:45	2.7	22.9		7.9		6.67		129																																							
B8302000	6/6/2005	13:45	5.5	22.9		7.8		6.70		126																																							
B8302000	6/16/2005	16:51	0.1	28.6		7.1		6.73		130																																							
B8302000	6/16/2005	16:51	1.8	28.5		7.1		6.82		133																																							
B8302000	6/16/2005	16:51	3.7	28.5		7.1		6.80		137																																							
B8305000	6/6/2005	13:30	0.1	22.8		7.3		6.77		131		37		10		7.1		2.77		0.09		0.6		1.03		0.195																									
B8305000	6/6/2005	13:30	1.8	22.7		7.2		6.70		131																																							
B8305000	6/6/2005	13:30	3.7	22.7		7.2		6.71		131																																							
B8305000	6/16/2005	16:36	0.1	28.2		7.1		6.96		146																																							
B8305000	6/16/2005	16:36	2.7	28.2		6.9		6.91		150																																							
B8305000	6/16/2005	16:36	5.5	28.2		6.9		6.92		149																																							
B8306000	6/6/2005	11:28	0.1	22.9		7.5		6.81		125		42		9		8.3				0.1		0.7		0.96		0.180																									
B8306000	6/6/2005	11:28	2.1	22.5		6.9		6.62		126																																							
B8306000	6/6/2005	11:28	4.3	22.5		6.9		6.63		126																																							
B8306000	6/16/2005	15:00	0.1	28.2		6.3		6.67		153																																							
B8306000	6/16/2005	15:00	2.7	28.2		6.3		6.75		153																																							
B8306000	6/16/2005	15:00	5.5	28.2		6.3		6.75		153																																							
B8315000	6/8/2005	11:38	0.1	23.3		7.0		4.22		60		260		2		7.9				0.16		1.0		0.24		0.094																									
B8320000	6/6/2005	11:46	0.1	22.8		7.6		6.61		125		54		13		8.5				0.11		0.7		0.92		0.154																									
B8320000	6/6/2005	11:46	2.4	22.6		7.5		6.55		126																																							
B8320000	6/6/2005	11:46	4.9	22.6		7.5		6.55		125																																							
B8320000	6/16/2005	15:22	0.1	28.2		6.6		6.81		140																																							
B8320000	6/16/2005	15:22	2.1	27.8		6.3		6.72		138																																							
B8320000	6/16/2005	15:22	4.3	27.8		6.3		6.76		140																																							
B8339000	6/6/2005	12:04	0.1	22.6		7.3		6.61		126		48		13		9.8		2.30		0.11		0.7		0.92		0.161																									
B8339000	6/6/2005	12:04	2.4	22.6		7.1		6.52		126																																							
B8339000	6/6/2005	12:04	4.9	22.6		7.2		6.55		126																																							
B8339000	6/16/2005	15:31	0.1	27.9		6.5		6.77		140																																							
B8339000	6/16/2005	15:31	2.4	27.7		6.4		6.70		140																																							
B8339000	6/16/2005	15:31	4.9	27.7		6.4		6.70		140																																							
B8340100	6/8/2005	11:12	0.1	22.2		6.2		3.70		53		143	B4	4		2.7				0.11		0.8		0.09		0.105																									
B8340130	6/1/2005	11:19	0.1	23.0		7.5		7.07		149		10		13		9.9				0.09		0.7		0.82		0.212																									
B8340130	6/1/2005	11:19	1.8	23.0		7.6		6.84		150																																							
B8340130	6/1/2005	11:19	3.7	22.9		7.4		6.90		149																																							
B8340130	6/16/2005	14:16	0.1	28.1		6.9		6.86		140																																							
B8340130	6/16/2005	14:16	2.4	28.0		6.9		6.76		140																																							
B8340130	6/16/2005	14:16	4.9	28.0		6.8		6.77		140																																							
B8340650	6/1/2005	12:22	0.1	22.9		6.5		6.68		134		15		10		9.0				0.07		0.6		0.76		0.148																									
B8340650	6/1/2005	12:22	2.7	22.9		6.5		6.55		134																																							
B8340650	6/1/2005	12:22	5.5	22.9		6.5		6.70		135																																							
B8340650	6/16/2005	12:00	0.1	28.0		6.5		6.77		136																																							
B8340650	6/16/2005	12:00	2.4	28.0		6.4		6.73		136																																							
B8340650	6/16/2005	12:00	4.9	28.0		6.5		6.76		136																																							
B8348000	6/1/2005	13:48	0.1	23.1		7.0		6.57		125		12		11		9.4				0.05		0.5		0.81		0.164																									
B8348000	6/1/2005	13:48	2.4	23.1		6.9		6.57		125																																							
B8348000	6/1/2005	13:48	4.9	23.1		6.9		6.55		125																																							
B8348000	6/16/2005	12:37	0.1	28.3		6.5		6.80		126																																							
B8348000	6/16/2005	12:37	2.7	28.1		6.3		6.76		125																																							
B8348000	6/16/2005	12:37	5.5	28.1		6.2		6.94		126																																							
B8349000	6/1/2005	13:13	0.1	23.3		7.9		6.76		133		7		11		7.9		8.72		0.02	U	0.6		0.78		0.152																									
B8349000	6/1/2005	13:13	2.5	23.3		8.2		6.77		133																																							
B8349000	6/1/2005	13:13	5.2	23.3		7.7		6.82		133																																							
B8349000	6/16/2005	13:07	0.1	28.4		6.5		6.74		118																																							
B8349000	6/16/2005	13:07	2.1	28.3		6.3		6.62		118																																							
B8349000	6/16/2005	13:07	4.3	28.3		6.4		6.64		118																																							
B7280000	6/7/2005	12:25	0.1	24.1		7.6		5.89		49		114	B1	2		6.2				0.02	U	0.6		0.75		0.138																									