Middle Cape Fear River Basin
July 2005

Station	Date (m/d/yyyy)	Time (hh:mm)	Depth (m)	Temp (°C)	Temp_rmk	DO (mg/L)	DOrmk	pH (su)	pH_rmk	Conductivity (umhos/cm)	Conductivity_rmk	Fecal Coliform	Fecal Coliform	Fecal Coliform	Suspended Residue (mg/L)	Suspended Residue_rmk	Turbidity (NTU)	Turbidity_rmk	Chlorophyll_a (ug/L)	Chlorophyll_rmk	NH3_N (mg/L)	NH3_N_rmk	TKN_N (mg/L)	TKN_N_rmk	NO2_NO3_N (mg/L)	NO2_NO3_N_rmk	TP (mg/L)	TP_rmk	Cadmium, Cd (ug/L)	Cadmium, Cd_mk	Chromium, Cr (ug/L)	Chromium, Cr_rmk	Copper, Cu (ug/L)	Copper, Cu_rmk	Nickel, Ni (ug/L)	Nickel, Ni_rmk	Lead, Pb (ug/L)	Lead, Pb_rmk	Zinc, Zn (ug/L)	Zinc, Zn_mk	Aluminum, Al (ug/L)	Aluminum, Al_mk	Iron, Fe (ug/L)	Iron, Fe_mk	Manganese, Mn (ug/L)	Manganese, Mn_rmk	Arsenic, As (ug/L)	Arsenic, As_mk	Mercury, Hg (ug/L)	Mercury, Hg_rmk	Comments
B6130500	07/14/05	15:13	0.1	24.6		1.2		5.93		74		45			2		22.8				0.11		0.6		0.12		0.131																						
B6160000	07/14/05	14:43	0.1	29.1		9.0		7.84		197		12			8		9.4		14.02		0.02	U	0.9		0.50		0.128																						
B6160000	07/06/05	7:56	0.1	29.0		8.7		7.20		179																																						
B6200000	07/14/05	14:23	0.1	25.5		3.0		6.45		79		44			1	U	3.1				0.18		0.5		0.17		0.110																						
B6230000	07/14/05	13:54	0.1	23.6		7.8		6.71		54		181	B1		1	U	13.0				0.05		0.3		0.18		0.048																						
B6252000	07/14/05	12:48	0.1	25.3		6.3		6.90		136		50	B4		1	U	8.8				0.03		0.6		0.10		0.195																						
B6320000	07/14/05	13:20	0.1	24.3		7.1		6.72		266		162	B1		4		11.5				0.05		0.6		1.27		0.923																						
B6370000	07/14/05	11:25	0.1	29.2		6.4		7.36		161		29			16		16.9				0.02	U	0.7		0.55		0.111		0.5	U	5	U	2		1.6		0.7		10	U	513		756		133		10	U	0.004		
B6370000	07/06/05	8:39	0.1	29.6		6.3		7.38		179																																						
B6485000	07/14/05	11:56	0.1	24.0		1.1		6.53		115		15			1	U	10.7				0.42		1.0		0.14		0.118																						
B6830000	07/12/05	14:08	0.1	26.7		7.2		6.24		65		45			5		4.6				0.02	U	0.5		0.37		0.038																						
B6840000	07/12/05	13:38	0.1	29.7		7.5		7.29		139		13			13		13.9				0.03		0.6		0.65		0.141		0.5	U	5	U	2	U	1.5		0.7		10	U	422		788		105		10	U	0.003		
B6840000	07/06/05	9:17	0.1	29.8		6.4		7.27		174																																						
B7300000	07/12/05	12:40	0.1	26.1		7.3		6.77		57		86	B1		4		3.2				0.05		0.5		0.81		0.200																						
B7480000	07/06/05	13:44	0.1	30.5		10.4		8.82		156		27			14		7.7				0.02		0.2	U	0.02		0.219																						
B7480000	07/06/05	13:44	1.7	30.3		10.1		8.75		156																																						
B7480000	07/06/05	13:44	3.4	30.3		9.9		8.71		156																																						
B7480000	07/26/05	14:18	0.1	31.0		7.6		7.35		141																																						
B7480000	07/26/05	14:18	1.5	30.9		7.5		7.38		141																																						
B7480000	07/26/05	14:18	3.0	30.8		7.1		7.41		141																																						
B7500000	07/06/05	12:58	0.1	30.8		11.4		8.88		161		48			13		10.9				0.02	U	0.8		0.10		0.041		0.5	U	5	U	2	U	1.9		0.7		10	U	88		223		130		10	U	0.007		
B7500000	07/06/05	12:58	1.5	30.0		9.6		8.46		159																																						
B7500000	07/06/05	12:58	3.0	29.9		8.9		8.15		158																																						
B7500000	07/26/05	13:58	0.1	31.9		8.6		7.40		168																																						
B7500000	07/26/05	13:58	2.1	30.2		6.7		7.11		167																																						
B7500000	07/26/05	13:58	4.3	30.2		6.5		7.19		168																																						
B7547000	07/06/05	11:45	0.1	27.5		8.3		6.73		66		1			1	U	6.2				0.03		0.6		0.36		0.021																						
B7584000	07/06/05	12:00	0.1	27.2		7.6		6.23		80		43			2		4.7				0.14		0.6		0.39		0.023																						
B7584900	07/06/05	11:21	0.1	23.5		5.6		6.71		204		10			1		14.9				0.14		0.4		0.30		0.022																						
B7584900	07/06/05	10:21	0.1	24.3		3.0		7.33		944			X3		7		18.8				3.46		6.2		2.89		0.147																						Waterbath Malfunction
B7590000	07/06/05	11:00	0.1	26.8		8.4		6.69		74		58			1	U	5.0				0.03		0.4		0.30		0.020	U																					
B7679300	07/06/05	13:48	0.1	23.8		7.7		3.63		47	U	1	U		8		3.4				0.02	U	0.4		0.09		0.020	U																					
B7700000	07/06/05	13:15	0.1	24.4		7.3		4.22		47	U	1	U		2		4.4				0.03		0.5		0.47		0.110																						
B8230000	07/06/05	12:32	0.1	27.3		7.7		5.98		47	U	1	U		9		8.6				0.02	U	0.4		0.38		0.074																						
B8290000	07/06/05	12:02	1.0	30.2		8.2		7.19		143		40			4		6.7		3.56		0.03		0.6		0.56		0.078		0.5	U	5	U	2	U	1.9		0.7		10	U	66		289		63		10	U	0.0059		
B8290000	07/06/05	12:02	3.0	28.9		6.6		6.80		143																																						
B8290000	07/06/05	12:02	6.0	28.6		6.1		6.70		142																																						
B8290000	07/26/05	13:12	0.1	31.4		7.5		7.01		149																																						
B8290000	07/26/05	13:12	2.4	30.4		6.2		6.97		149																																						
B8290000	07/26/05	13:12	4.9	30.3		5.7		7.11		148																																						
B8302000	07/05/05	13:42	0.1	29.5		7.9		6.69		131		22			8		9.3				0.1		0.7		0.59		0.125																						
B8302000	07/05/05	13:42	2.1	28.8		7.3		6.73		132																																						
B8302000	07/05/05	13:42	4.3	28.7		7.3		6.71		132																																						
B8302000	07/26/05	11:08	0.1	30.6		7.0		6.55		130																																						
B8302000	07/26/05	11:08	2.7	30.4		7.0		6.98		130																																						
B8302000	07/26/05	11:08	5.5	30.4		6.9		7.02		124																																						
B8305000	07/05/05	13:29	0.1	29.2		7.5		6.73		137		25			9		10.9		14.95		0.08		0.7		1.00		0.198																						
B8305000	07/05/05	13:29	2.1	28.8		7.0		6.72		135																																						
B8305000	07/05/05	13:29	4.3	28.8		7.0		6.73		135																																						
B8305000	07/26/05	10:56	0.1	30.6		6.3		7.10		156																																						
B8305000	07/26/05	10:56	2.4	30.4		6.1		7.05		159																																						
B8305000	07/26/05	10:56	4.9	30.3		5.9		7.10		158																																						
B8306000	07/05/05	11:35	0.1	28.9		7.0		6.84		140		18			8		9.2				0.06		0.6		0.96		0.207																						
B8306000	07/05/05	11:35	3.0	28.6		6.5		6.67		140																																						
B8306000	07/05/05	11:35	6.0	28.6		6.5		6.71		140																																						
B8306000	07/25/05	15:17	0.1	30.5		6.7		6.93		153																																						
B8306000	07/25/05	15:17	2.1	30.3		6.3		6.90		153																																						
B8306000	07/25/05	15:17	4.3	30.3		6.3		6.93		153																																						
B8315000	07/05/05	13:02	0.1	24.0		6.2		5.54		70		152	B1		4		4.7				0.19		0.7		0.70		0.110																						
B8320000	07/05/05	12:22	0.1	29.1		7.3		6.56		132		15			6		9.4				0.05		0.7		0.90		0.210																						
B8320000	07/05/05	12:22	2.6	28.3		6.1		6.82		132																																						
B8320000	07/05/05	12:22	5.2	28.3		6.1		6.41		132																																						
B8320000	07/25/05	14:53	0.1	31.3		7.4		6.97		154																																						
B8320000	07/25/05	14:53	3.4	30.3		6.5		6.78		154																																						
B8320000	07/25/05	14:53	6.7	30.2		6.1		6.82		154																																						
B8339000	07/05/05	12:05	0.1	28.7		6.5		6.57		130		20			8.0		9.3		3.53		0.06		0.7		0.88		0.189																						
B8339000	07/05/05	12:05	2.1	28.4		5.3		6.47		130																																						
B8339000	07/05/05	12:05	4.3	28.4		6.0		6.51		130																																						
B8339000	07/25/05	14:33	0.1	30.4		5.8		7.00		155																																						
B8339000	07/25/05	14:33	2.4	30.2		5.3		6.65		155																																						
B8339000	07/25/05	14:33	4.9	30.2		5.3		6.60		155																																						
B8340100	07/11/05	12:06	0.1	22.8		6.1		3.80		47	U	20			1	U	1.2				0.11		1.0		0.15		0.121																						
B8340130	07/11/05	12:36	0.1	29.6		7.4		6.75		140		17			9		8.9				0.04		0.7		0.64		0.226																						
B8340130	07/11/05	12:36	1.8	29.6		7.5		6.90		140																																						
B8340130	07/11/05	12:36	3.7	29.6		7.5		6.84		140																																						
B8340200	07/25/05	13:42	0.1	30.4		7.3		6.77		154																																						
B8340200	07/25/05	13:42	2.4	30.4		7.2		6.81		153																																						
B8340200	07/25/05	13:42	4.9	30.2		6.9		6.86		152																																						
B8340650	07/11/05	13:37	0.1	29.6		6.7		6.80		142		8			8		7.1				0.04		0.7		0.81		0.196																						
B8340650	07/11/05	13:37	3.4	29.6		6.7		6.86		142																																						
B8340650	07/11/05	13:37	6.7	29.5		6.7		6.81		142																																						
B8340650	07/25/05	12:41	0.1	30.7		7.2		6.82		133																																						
B8340650	07/25/05	12:41	3.7	30.3		6.6		6.78		132																																						
B8340650	07/25/05	12:41	7.3	30.3		6.9		6.70		133																																						
B8348000	07/11/05	14:19	0.1	29.6		7.1		6.85		126		5			10		6.6				0.03		0.9		0.63		0.169																						
B8348000	07/11/05	14:19	2.7	29.6		7.1		6.88		126																																						
B8348000	07/11/05	14:19	5.5	29.6		7.1		6.84		126																																						
B8348000	07/25/05	12:17	0.1	30.4		5.7		6.60		124																																						
B8348000	07/25/05	12:17	2.7	30.3		5.6		7.00		124																																						
B8348000	07/25/05	12:17	5.5	30.2		5.4		6.61		125																																						
B8349000	07/11/05	15:08	0.1	29.8		7.0		6.72		128		3			8		6.3		15.14		0.02		0.9		0.69		0.167		0.5	U	5	U	2	U	1.2		0.5	U	10	U	218		562		55		10	U	0.0015		
B8349000	07/11/05	15:08	2.3	29.7		7.1		6.80		128																																						
B8349000	07/11/05	15:08	4.6	29.7		6.8		6.77		128																																						
B8349000	07/25/05	11:51	0.1	30.3		5.3		6.51		120																																						
B8349000	07/25/05	11:51	2.1	30.2		4.9		6.45		120																																						
B8349000	07/25/05	11:51	4.3	30.2		4.8		6.35		120																																						

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B7280000	07/12/05	12:12	0.1	26.4		7.1		6.52		68		67	B1	2		3.5				0.02	U	0.5		1.23		0.174																								