Middle Cape Fear River Basin
September 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	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_rmk	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_mk	Comments
				10.0	10rmk	300.0	300rmk	400.00	400rmk	94	94rmk	31616	31616rmk	530	530rmk	82079.0	82079rmk	32209.00	32209rmk	610	610rmk	625.0	625rmk	630.00	630rmk	665.000	665rmk	1027	1027rmk	1034	1034rmk	1042	1042rmk	1067	1067rmk	1051	1051rmk	1092	1092rmk	1105	1105rmk	1045	1045rmk	1055	1055rmk	1002	1002rmk	71900.0000	71900rmk	Comments
B6130500	09/15/05	14:48	0.1	24.0		2.7		6.74		95		53		6		7.6				0.02	U	0.6		0.02	U	0.204																									
B6160000	09/09/05	8:03	0.1	27.3		7.4		7.21		199																																								
B6160000	09/15/05	14:36	0.1	26.9		7.2		7.42		195		50		2		8.5		6.26		0.02	U	0.7		0.27		0.063																									
B6204000	09/15/05	14:14	0.1	25.6		1.1		6.93		148		220		1	U	5.5				0.06		0.5		0.04		0.053																									
B6230000	09/15/05	13:33	0.1	24.8		4.5		6.80		66		43		2		5.7				0.02	U	0.6		0.04		0.041																									
B6252000	09/15/05	12:33	0.1	24.6		4.7		6.91		132		53		6		8.3				0.02	U	0.7		0.05		0.109																									
B6320000	09/15/05	12:58	0.1	23.8		6.9		6.99		356		133	B1	1		5.7				0.03		0.8		0.86		0.829																									
B6370000	09/09/05	9:12	0.1	26.2		7.0		7.80		203																																								
B6370000	09/15/05	10:59	0.1	25.7		6.7		7.58		194		170	B1	10		10.1				0.03		0.7		0.32		0.041		0.5	U	5	U	2		1.5		0.5	U	10	U	401		249		101		10	U	0.0017		
B6485000	09/15/05	11:31	0.1	22.8		1.5		6.94		47		34		25		14.1				0.26		2.1		0.75		0.305																									
B6830000	09/13/05	12:07	0.1	23.3		6.5		6.66		76		40		1	U	3.0				0.02	U	0.6		0.22		0.020	U																									
B6840000	09/09/05	9:51	0.1	25.9		7.1		7.78		202																																								
B6840000	09/13/05	12:27	0.1	26.2		7.8		7.78		190		30		2		3.3				0.02	U	0.6		0.29		0.056		0.5	U	5	U	2	U	1.5		0.5	U	10	U	111		156		34		10	U	0.0018		
B7300000	09/13/05	13:15	0.1	23.8		8.0		6.73		92		80		1		2.1				0.08		0.6		2.09		0.249																									
B7480000	09/09/05	13:11	0.1	26.2		7.5		7.43		184		30	B4	8		5.5				0.02	U	0.7		0.43		0.067																									
B7480000	09/09/05	13:11	1.2	26.2		7.5		7.44		184																																								
B7480000	09/09/05	13:11	2.4	26.1		7.3		7.43		184																																								
B7480000	09/22/05	14:39	0.1	27.9		7.3		7.51		180																																								
B7480000	09/22/05	14:39	1.8	27.8		7.3		7.60		180																																								
B7480000	09/22/05	14:39	3.7	27.8		7.3		7.58		179																																								
B7500000	09/09/05	12:39	0.1	26.6		7.8		7.76		188		420		12		6.7				0.02	U	0.8		0.71		0.124		0.5	U	5	U	2	U	2.1		0.7		10	U	148		333		80		10	U	0.0015		
B7500000	09/09/05	12:39	1.2	26.1		7.6		7.61		187																																								
B7500000	09/09/05	12:39	2.4	26.0		7.4		7.63		186																																								
B7500000	09/22/05	14:13	0.1	26.8		6.3		7.14		148																																								
B7500000	09/22/05	14:13	1.8	26.6		6.1		7.12		148																																								
B7500000	09/22/05	14:13	3.7	26.6		6.1		7.11		148																																								
B7547000	09/09/05	11:55	0.1	23.0		9.1		7.28		73		360		1	U	3.5				0.02	U	0.5		0.20		0.020	U																									
B7584000	09/09/05	12:25	0.1	23.4		7.5		6.45		86		12000	B5	8		4.8				0.1		0.8		0.32		0.021																									
B7584900	09/09/05	11:37	0.1	22.1		6.9		7.02		212		600	B1	1	U	10.0				0.05		0.8		0.18		0.020	U																									
B7584900	09/09/05	10:46	0.1	21.4		4.4		7.59		688		67	B1	5		9.6				3.48		5.6		2.50		0.087																									
B7590000	09/09/05	11:14	0.1	22.9		8.2		7.20		89		12000	B5	1	U	3.6				0.02	U	0.6		0.25		0.020	U																									
B7679300	09/09/05	14:16	0.1	20.5		8.8		5.19		47	U	120	B1	6		3.2				0.02	U	0.4		0.09		0.020	U																									
B7700000	09/09/05	13:51	0.1	21.5		8.1		6.31		61		7000		2		2.7				0.26		0.7		0.39		0.603																									
B8230000	09/09/05	13:07	0.1	23.3		8.6		6.50		50		210		5		3.8				0.02	U	0.5		0.58		0.203																									
B8290000	09/09/05	11:56	0.1	26.8		6.5		7.11		157		33		8		8.8		1.79		0.03		0.8		0.83		0.150		0.5	U	5	U	2	U	1.2		0.6		10	U	151		482		61		10	U	0.0013		
B8290000	09/09/05	11:56	3.0	26.2		5.7		6.99		157																																								
B8290000	09/09/05	11:56	6.1	26.1		5.7		6.96		156																																								
B8290000	09/22/05	13:30	0.1	27.4		6.4		7.18		178																																								
B8290000	09/22/05	13:30	3.0	27.2		5.9		7.25		179																																								
B8290000	09/22/05	13:30	6.1	27.0		5.8		7.20		177																																								
B8302000	09/08/05	13:38	0.1	27.0		7.0		7.17		165		15		8		7.4				0.05		0.8		0.89		0.105																									
B8302000	09/08/05	13:38	2.7	26.5		6.9		7.04		185																																								
B8302000	09/08/05	13:38	5.5	26.5		6.8		7.04		177																																								
B8302000	09/22/05	11:18	0.1	27.1		7.0		7.20		172																																								
B8302000	09/22/05	11:18	2.7	27.0		6.9		7.20		170																																								
B8302000	09/22/05	11:18	5.5	27.0		6.9		7.19		186																																								
B8305000	09/08/05	13:30	0.1	26.9		7.6		7.12		186		27		6		5.8		1.00	U	0.02	U	0.7		1.52		0.300																									
B8305000	09/08/05	13:30	2.1	26.7		7.2		7.10		187																																								
B8305000	09/08/05	13:30	4.3	26.7		7.0		7.06		185																																								
B8305000	09/22/05	11:04	0.1	27.1		6.9		7.22		186																																								
B8305000	09/22/05	11:04	2.4	27.1		6.8		7.22		184																																								
B8305000	09/22/05	11:04	4.9	27.0		6.9		7.25		187																																								
B8306000	09/08/05	11:48	0.1	27.2		6.3		7.18		163		26		6		8.1				0.04		0.7		1.17		0.215																									
B8306000	09/08/05	11:48	1.8	27.0		6.0		6.99		162																																								
B8306000	09/08/05	11:48	3.7	26.9		6.0		7.02		162																																								
B8306000	09/23/05	14:06	0.1	27.7		6.3		7.17		185																																								
B8306000	09/23/05	14:06	2.4	27.3		5.7		7.11		185																																								
B8306000	09/23/05	14:06	4.9	27.2		5.8		7.12		185																																								
B8315000	09/08/05	12:55	0.1	21.8		7.1		5.67		73		310		2		4.3				0.03		0.7		0.80		0.061																									
B8320000	09/08/05	12:06	0.1	27.5		7.1		7.03		161		17		7		8.3				0.03		0.7		1.20		0.255																									
B8320000	09/08/05	12:06	2.4	27.0		6.6		6.95		163																																								
B8320000	09/08/05	12:06	4.9	27.0		6.5		6.93		161																																								
B8320000	09/23/05	14:24	0.1	27.3		7.2		7.14		185																																								
B8320000	09/23/05	14:24	2.1	26.9		6.6		7.06		185																																								
B8320000	09/23/05	14:24	4.3	26.9		6.5		7.08		185																																								
B8339000	09/08/05	12:21	0.1	27.1		6.3		6.99		163		24		7.0		9.2		2.99		0.03		0.8		1.26		0.266																									
B8339000	09/08/05	12:21	2.1	27.0		6.3		6.94		163																																								
B8339000	09/08/05	12:21	4.3	27.0		6.3		6.94		163																																								
B8339000	09/23/05	14:37	0.1	27.3		7.0		7.02		186																																								
B8339000	09/23/05	14:37	2.4	26.9		6.3		6.99		186																																								
B8339000	09/23/05	14:37	4.9	26.9		6.5		7.01		186																																								
B8340100	09/07/05	12:15	0.1	21.5		5.9		4.56		47	U	33		1	U	1.9				0.05		0.6		0.21		0.052																									
B8340130	09/07/05	12:45	0.1	27.6		7.2		6.79		166		21		6		9.2				0.02		0.7		1.32		0.260																									
B8340130	09/07/05	12:45	1.8	27.4		6.9		6.93		165																																								
B8340130	09/07/05	12:45	3.7	27.3		6.9		6.94		165																																								
B8340200	09/23/05	13:16	0.1	27.4		7.3		7.05		186																																								
B8340200	09/23/05	13:16	1.4	27.4		7.4		7.08		186																																								
B8340200	09/23/05	13:16	2.7	27.2		7.3		7.07		186																																								
B8340650	09/07/05	13:43	0.1	27.4		6.5		6.83		151		14		7		8.7				0.02	U	0.7		1.06		0.184																									
B8340650	09/07/05	13:43	2.4	27.2		6.4		6.84		151																																								
B8340650	09/07/05	13:43	4.9	27.2		6.3		6.81		151																																								
B8340650	09/23/05	11:17	0.1	27.4		6.0		7.11		197																																								
B8340650	09/23/05	11:17	3.4	27.1		5.8		7.11		198																																								
B8340650	09/23/05	11:17	6.7	27.1		6.0		7.16		197																																								
B8348000	09/07/05	14:54	0.1	28.2		6.9		6.69		140		27		7		10.2				0.02	U	0.7		0.71		0.131																									
B8348000	09/07/05	14:54	2.7	27.7		5.9		6.86		140																																								
B8348000	09/07/05	14:54	5.5	27.6		5.9		6.74		140																																								
B8348000	09/23/05	11:39	0.1	27.4		6.7		7.05		191																																								
B8348000	09/23/05	11:39	1.7	27.2		6.4		7.01		190																																								
B8348000	09/23/05	11:39	4.0	27.2		6.5		7.01		190																																								
B8349000	09/07/05	14:31	0.1	28.2		6.7		7.01		145		19		9		8.3		2.64		0.02	U	0.9		1.06		0.198		0.5	U	5	U	2		1.3		0.7		10	U	202		695		45		10	U	0.0019		
B8349000	09/07/05	14:31	1.8	28.0		6.1		6.89		145																																								
B8349000	09/07/05	14:31	3.7	27.9		6.2		6.90		145																																								
B8349000	09/23/05	12:03	0.1	27.8		7.4		7.07		183																																								
B8349000	09/23/05	12:03	2.3	27.5		6.6		6.99		183																																								
B8349000	09/23/05	12:03	5.2	27.5		6.5		6.99		183																																								

B7280000	09/13/05	13:34	0.1	24.1		8.3		6.80		95		54		2		2.3				0.16		0.7		2.79		0.298																								