Middle Cape Fear River Basin
November 2005

Site	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
C1	B6130500	11/17/05	14:18	0.1	12.8		2.8		6.64		96		152	B1	3		6.2				0.02	U	0.3		0.02	U	0.108																								
1	B6160000	11/17/05	14:01	0.1	18.2		8.8		7.58		271		9		7		7.6		4.45		0.02	U	0.5		0.65		0.087																								
2	B6200000	11/17/05	13:38	0.1	12.9		4.0		6.87		121		37		2		1.7				0.02	U	0.2		0.02		0.056																								
C2	B6230000	11/17/05	13:04	0.1	12.9		9.1		7.00		54		170	B1	2		4.7				0.02	U	0.2	U	0.02	U	0.020	U																							
26	B6252000	11/17/05	12:07	0.1	13.7		5.7		6.69		141		143	B1	1	U	5.1				0.02	U	0.3		0.02	U	0.064																								
3	B6320000	11/17/05	12:26	0.1	13.0		7.2		6.81		355		140	B4	1		5.4				0.02	U	0.5		2.30		1.45																								
4	B6370000	11/17/05	11:20	0.1	15.9		8.1		7.77		255		140	B1	11		7.7				0.02	U	0.4		0.37		0.083		0.5	U	5	U	5		2.7		0.6		10	U	219		288		65		10	U	0.0020		
C3	B6485000	11/17/05	11:38	0.1	16.8		7.2		6.60		100		50	B4	9		9.9				0.02	U	0.9		0.02	U	0.075																								
6	B6830000	11/10/05	11:24	0.1	16.4		8.0		6.77		83		285		2		2.2				0.02	U	0.4		0.28		0.020	U																							
5	B6840000	11/10/05	12:00	0.1	18.9		9.8		8.06		277		13		3		2.0				0.02	U	0.5		0.54		0.093		0.5	U	5	U	2	U	2.8		0.5	U	10	U	85		127		28		10	U	0.0012		
7	B7300000	11/10/05	13:13	0.1	16.2		9.2		6.66		71		120	B1	1	U	1.2				0.02	U	0.4		1.40		0.227																								
8	B7480000	11/03/05	13:16	0.1	14.0		9.8		7.85		236		32		1		2.6				0.02	U	0.4		0.68		0.072																								
8	B7480000	11/03/05	13:16	1.2	14.0		9.6		7.80		236																																							
8	B7480000	11/03/05	13:16	2.4	13.9		9.9		7.93		236																																							
10	B7500000	11/03/05	12:33	0.1	14.4		9.7		7.56		229		34		1		4.3				0.03		0.4		0.96		0.100		0.5	U	5	U	2	U	1.4		0.5	U	10	U	174		416		61		10	U	0.0013		
10	B7500000	11/03/05	12:33	1.6	13.9		9.3		7.47		229																																							
10	B7500000	11/03/05	12:33	3.2	13.9		9.5		7.51		229																																							
C9	B7547000	11/03/05	9:53	0.1	12.2		11.2		7.00		62		80	B1	1		3.3				0.02	U	0.2	U	0.41		0.020	U																							
C10	B7584000	11/03/05	10:11	0.1	13.0		9.7		6.28		79		230		1	U	5.3				0.11		0.3		0.49		0.020	U																							
C8	B7584800	11/03/05	9:35	0.1	13.1		11.1		7.15		208		140	B1	1	U	11.4				0.04		0.3		0.32		0.020	U																							
C7	B7584900	11/03/05	8:36	0.1	10.0		6.1		6.03		877		1900	B1	3		10.4				6.84		8.1		1.99		0.119																							
C4	B7590000	11/03/05	11:00	0.1	12.7		11.5		6.77		72		170	B1	1	U	4.2				0.03		0.2		0.45		0.020	U																							
28	B7679300	11/03/05	12:58	0.1	12.3		10.8		4.98		47	U	90	B4	1	U	1.9				0.02	U	0.2	U	0.06		0.020	U																							
12	B7700000	11/03/05	12:37	0.1	12.2		10.7		6.15		47		1000	B1	2		1.7				0.02	U	0.2	U	0.44		0.307																							
13	B8230000	11/03/05	11:55	0.1	13.3		10.9		6.31		47	U	80	B4	4		4.2				0.02	U	0.2	U	0.47		0.104																							
14	B8290000	11/03/05	11:45	0.1	14.9		9.0		7.32		162		17		4		4.1		1.87		0.06		0.4		1.05		0.144		0.5	U	5	U	2	U	1.5		0.5	U	10	U	163		522		80		10	U	0.0012		
14	B8290000	11/03/05	11:45	3.0	14.1		8.7		7.09		161																																							
14	B8290000	11/03/05	11:45	6.1	14.1		9.0		7.08		158																																							
16	B8302000	11/02/05	11:43	0.1	15.4		9.6		6.98		165		11		6		5.0				0.06		0.4		1.15		0.178																							
16	B8302000	11/02/05	11:43	2.4	15.1		9.4		7.00		165																																							
16	B8302000	11/02/05	11:43	4.9	15.1		9.5		7.05		166																																							
17	B8305000	11/02/05	11:31	0.1	15.4		9.9		6.95		181		18		6		4.1		2.24		0.06		0.4		1.69		0.366																							
17	B8305000	11/02/05	11:31	1.9	15.3		9.3		7.09		182																																							
17	B8305000	11/02/05	11:31	4.0	15.2		9.4		7.14		183																																							
18	B8306000	11/02/05	10:09	0.1	15.6		9.1		7.07		184		39		8		5.0				0.05		0.4		1.24		0.256																							
18	B8306000	11/02/05	10:09	2.7	15.6		8.9		7.09		184																																							
18	B8306000	11/02/05	10:09	5.5	15.5		9.0		7.07		184																																							
C5	B8315000	11/02/05	10:57	0.1	13.6		8.7		5.47		65		240		2		1.7				0.02	U	0.5		0.02	U	0.061																							
20	B8320000	11/02/05	9:48	0.1	16.0		8.5		7.00		183		27		6		6.9				0.04		0.4		1.81		0.412																							
20	B8320000	11/02/05	9:48	2.4	15.9		8.4		7.00		183																																							
20	B8320000	11/02/05	9:48	4.9	15.9		8.6		7.02		183																																							
21	B8339000	11/02/05	9:40	0.1	16.1		7.8		7.20		178		34		9.0		8.6		3.24		0.04		0.4		1.60		0.362																							
21	B8339000	11/02/05	9:40	2.1	16.0		7.6		6.97		177																																							
21	B8339000	11/02/05	9:40	4.3	16.0		7.7		7.01		177																																							
C6	B8340100	11/01/05	11:42	0.1	13.2		9.2		4.41		54		14		1	U	1.0				0.03		0.4		0.10		0.034																							
22	B8340130	11/01/05	12:17	0.1	16.3		9.7		6.80		161		28		8		7.3				0.04		0.4		1.55		0.318																							
22	B8340130	11/01/05	12:17	1.8	16.1		9.2		6.71		161																																							
22	B8340130	11/01/05	12:17	3.7	16.0		9.0		6.73		160																																							
23	B8340650	11/01/05	13:14	0.1	16.3		8.7		6.88		157		11		4		6.0				0.02	U	0.4		1.42		0.220																							
23	B8340650	11/01/05	13:14	2.7	16.0		8.7		6.93		157																																							
23	B8340650	11/01/05	13:14	5.5	16.0		8.7		6.90		157																																							
24	B8348000	11/01/05	13:36	0.1	16.3		8.3		6.90		145		5		3		3.5				0.02	U	0.4		1.17		0.180																							
24	B8348000	11/01/05	13:36	2.4	16.2		8.0		6.86		145																																							
24	B8348000	11/01/05	13:36	4.9	16.2		8.1		6.90		145																																							
25	B8349000	11/09/05	12:15	0.1	17.6		8.3		6.92		150		21		5		6.1		1.12		0.02	U	0.5		1.35		0.225		0.5	U	5	U	2	U	1.2		0.6		10	U	170		585		123		10	U	0.0012		Resampled on 11/9/05 due to metals sampling error.
25	B8349000	11/09/05	12:15	2.1	16.9		7.4		6.76		148																																							
25	B8349000	11/09/05	12:15	4.3	16.9		7.6		6.80		148																																							
27	B7280000	11/10/05	13:27	0.1	16.0		9.7		6.76		75		162	B1	1	U	1.4				0.02	U	0.4		1.70		0.208																							