Upper Cape Fear River Basin
January 2006

Site	Station	Date (m/d/yyyy)	Time (hh:mm)	Depth (m)	Temp (°C)	Temp_mrk	DO (mg/L)	DO:mk	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_mk	TKN_N (mg/L)	TKN_N_mk	NO2_NO3_N (mg/L)	NO2_NO3_N_mk	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
					10	10mrk	300.0	300mrk	400	400mrk	94	94mrk	31616	31616mrk	530	530mrk	82079.0	82079mrk	32209	32209mrk	610.00	610mrk	625.0	625mrk	630.00	630mrk	665	665mrk	1027	1027mrk	1034	1034mrk	1042	1042mrk	1067	1067mrk	1051	1051mrk	1092	1092mrk	1105	1105mrk	1045	1045mrk	1055	1055mrk	1002	1002mrk	71900	71900mrk	Comments
1	B0070010	1/5/2006	12:59	0.1	7.6		11.2		7.49		73		1		1	U	4.5				0.11		0.5		0.17		0.02	U																						
2	B0050000	1/5/2006	13:14	0.1	8.2		10.8		6.90		71		110	B4	4		15.3				0.04		0.2		0.08		0.04																						
2	B0050000																																																	
3	B0170000	1/5/2006	13:36	0.1	7.7		11.1		6.94		90		152	B4	11		16.8				0.03		0.4		0.13		0.04																						
3	B0170000																																																	
4	B0400000	1/6/2006	11:33	0.1	7.3		11.6		7.29		89		86	B4	10		13.7				0.15		0.5		0.20		0.03																						
5	B0480050	1/6/2006	12:12	0.1	7.3		11.0		7.32		158		1600	B1	11		17.1				0.14		0.5		1.04		0.06																						
5	B0480050																																																	
6	B0540050	1/6/2006	11:49	0.1	9.6		10.5		7.23		277		1800	B4	24		36.7				0.15		0.8		6.59		0.46																						
6	B0540050																																																	
7	B0670000	1/6/2006	12:59	0.1	7.4		10.9		7.25		165		1000	B4	10		18.2				0.10		0.5		0.61		0.06																						
7	B0670000																																																	
8	B0750000	1/6/2006	13:30	0.1	9.5		10.2		7.39		366		900	B4	16		21.0				0.10		1.0		1.85		0.14																						
8	B0750000																																																	
9	B0850000	1/6/2006	11:12	0.1	7.8		11.8		7.49		145		105		8		13.7				0.05		0.5		1.06		0.09																						
9	B0850000																																																	
10	B1350000	1/6/2006	9:25	0.1	7.2		9.4		7.51		123		6100		13		28.9																																	
10	B1350000																																																	
11	B1380000	1/6/2006	9:38	0.1	7.0		11.6		7.41		287		290		10		15.9				0.14		0.7		1.30		0.13																						
11	B1380000																																																	
12	B1440000	1/6/2006	10:05	0.1	7.3		11.9		7.29		123		800	B4	25		24.5				0.07		0.5		0.65		0.10																						
12	B1440000																																																	
13	B1200000	1/6/2006	9:54	0.1	7.3		11.9		7.33		123		1600	B4	30		35.3				0.08		0.6		0.73		0.09																						
13	B1200000																																																	
14	B1940000	1/6/2006	10:29	0.1	6.8		11.6		7.21		91		2400	B1	60		71.4				0.13		0.7		0.41		0.12																						
14	B1940000																																																	
15	B1960000	1/6/2006	10:14	0.1	7.3		11.4		7.21		149		3400	B1	62		76.0				0.16		0.6		0.59		0.11																						
15	B1960000																																																	
16	B2000000	1/17/2006	14:15	0.1	8.5		13.8		8.00		181		280		5		15.2				0.02	U	0.4		0.87		0.09																						
17	B2100000	1/17/2006	13:36	0.1	8.5		14.8		8.13		144		150	B	4		14.8				0.02	U	0.4		0.57		0.06																						
18	B2450000	1/17/2006	13:07	0.1	9.9		12.7		7.49		171		42		4		19.6				0.02	U	0.5		1.20		0.10																						
18	B2450000																																																	
19	B3020000	1/12/2006	12:24	0.1	8.8		11.2		6.80		139		33		1	U	8.5				0.02	U	0.3		0.08		0.04																						
19	B3020000																																																	
20	B3040000	1/12/2006	10:59	0.1	9.3		10.5		6.81		226		22		2		7.1				0.02	U	0.6		1.20		0.24																						
20	B3040000																																																	
21	B3300000	1/12/2006	11:48	0.1	10.9		9.3		6.96		178		220		8		23.4				0.02	U	0.5		0.07		0.05																						
21	B3300000																																																	
22	B3670000	1/12/2006	11:29	0.1	12.3		9.5		7.14		222		280	B4	104		179				0.14		0.8		0.84		0.19																						
22	B3670000																																																	
23	B3025000	1/12/2006	12:12	0.1	10.5		10.3		7.15		285		160	B4	5		22.3				0.04		0.5		0.15		0.08																						
24	B3899180	1/12/2006	10:19	0.1	10.8		11.1		7.80		192		27		2		8.5				0.02	U	0.2		0.24		0.03																						
24	B3899180																																																	
25	B3900000	1/12/2006	10:42	0.1	11.8		9.0		7.06		373		171	B4	2		5.2				0.13		0.8		6.20		0.17																						
25	B3900000																																																	
26	B4080000	1/17/2006	12:43	0.1	9.3		11.6		7.33		169		10		6		15.5				0.05		0.5		0.82		0.06																						
26	B4080000																																																	
27	B6040300	1/17/2006	12:28	0.1	8.4		12.0		7.34		126		48		6		17.4				0.02	U	0.4		0.75		0.12																						
28	B4380000	1/10/2006	13:56	0.1	8.6		13.9		7.35		198		40		2		4.7				0.07		0.2		0.58		0.02	U																						
28	B4380000																																																	
29	B4350000	1/10/2006	13:37	0.1	7.9		12.6		7.49		139		171	B4	9		14.3				0.03		0.4		0.66		0.04																						
29	B4350000																																																	
30	B4410000	1/10/2006	13:22	0.1	13.5		10.8		6.99		373		11		2		3.3				0.02	U	0.6		2.03		0.08																						
30	B4410000																																																	
31	B4625000	1/10/2006	12:59	0.1	8.3		12.6		7.44		149		150	B4	2		6.6				0.02	U	0.2	U	0.42		0.03																						
32	B4870000	1/10/2006	11:38	0.1	8.1		12.3		7.06		127		210		1	U	11.8				0.02	U	0.2		0.42		0.03																						
33	B4770500	1/10/2006	12:30	0.1	9.2		13.1		7.84		203		30		7		11.7				0.08		0.4		0.92		0.06																						
33	B4770500																																																	
34	B4800000	1/10/2006	12:10	0.1	7.5		12.4		7.56		185		250		5		16.3				0.03		0.4		0.77		0.08																						
34	B4800000																																																	
35	B4920000	1/10/2006	11:21	0.1	7.5		12.1		7.37		194		350		6		20.6				0.03		0.4		1.02		0.11																						
35	B4920000																																																	
36	B5070000	1/10/2006	10:55	0.1	7.2		12.5		7.59		159		190	B1	6		26.0				0.02	U	0.4		0.92		0.09																						
36	B5070000																																																	
37	B5100000	1/10/2006	10:37	0.1	7.3		12.2		7.38		150		290		6		24.7				0.02	U	0.7		1.01		0.09																						
37	B5100000																																																	
38	B5520000	1/10/2006	10:09	0.1	7.5		12.4		7.41		131		35		1		10.5				0.02	U	0.3		0.76		0.07																						
39	B5390800	1/10/2006	9:42	0.1	8.7		11.0		7.14		228		650	B4	1	U	4.3				0.02	U	0.3		2.16		0.50																						
39	B5390800																																																	
41	B5685000	1/17/2006	10:20	0.1	7.9		11.1		7.36		120		95		3		17.2																																		
41	B5685000																																																	
42	B5820000	1/17/2006	12:00	0.1	7.9		11.8		7.15		122		133	B4	2		16.0				0.02	U	0.5		0.61		0.14																						
42	B5820000																																																	
43	B5950000	1/17/2006	9:31	0.1	7.8		10.9		7.45		91		48		2		10.2				0.02	U	0.6		0.50		0.10																						
43	B5950000																																																	
44	B5980000	1/17/2006	9:47	0.1	7.6		11.8		7.51		169		280		38		8.2				0.02	U	0.6		3.30		0.33																						
44	B5980000																																																	