Upper Cape Fear River Basin
March 2008

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	NO3_NO2_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 (ng/L)	Mercury, Hg_mrk	Comments
1	B0070010	3/1/2008	8:06	0.1	8.2		11.2		7.72		72		6		5		4.9				0.03		0.2		0.22		0.020	U																					
2	B0050000	3/1/2008	8:40	0.1	7.8		10.7		7.40		88		133		4		6.4				0.03	U	0.2	U	0.05		0.063																					
3	B0050000																																															
4	B0170000	3/1/2008	9:18	0.1	8.7		10.8		7.41		139		35		5		5.6				0.02	U	0.2	U	0.09		0.033		2	U	5	U	3		10	U	10	U	12		91		930				10	U			
5	B0170000																																															
6	B0400000	3/20/2008	11:03	0.1	11.1		10.5		7.73		108		22		4		7.0				0.02	U	0.2	U	0.03		0.227																					
7	B0480050	3/20/2008	9:53	0.1	9.1		11.8		7.85		302		48		2		2.9				0.02	U	2.5		0.12		0.020	U	2	U	5	U	4		10	U	10	U	14		57		738				10	U			
8	B0480050																																															
9	B0540050	3/20/2008	10:37	0.1	10.5		12.0		7.95		338		190	B4	1		1.9					Z		Z	11.80		0.452		2	U	5	U	7		10	U	10	U	43		87		289				10	U			Unable to rerun TKN and NH3 d
10	B0540050																																															
11	B0670000	3/20/2008	9:19	0.1	8.2		12.4		7.90		277		35		3		5.0				0.09		0.2	U	0.02	U	0.026		2	U	5	U	2	U	10	U	10	U	10	U	50	U	1010				10	U			
12	B0670000																																															
13	B0750000	3/20/2008	10:17	0.1	15.3		8.7		7.78		851		86	B4	5		5.0				0.10		1.2		7.59		0.386		2	U	5	U	2	U	19		10	U	87		67		281				10	U			
14	B0750000																																															
15	B0850000	3/20/2008	15:19	0.1	19.9		10.7		7.63		149		40		3		8.0										0.020	U	2	U	5	U	2	U	10	U	10	U	10	U	116		1050				10	U			
16	B0850000																																															
17	B1380000	3/20/2008	15:01	0.1	11.0		11.2		8.44		345		52		4		10.8				0.02	U	0.5		1.01		0.171		2	U	5	U	2	U	10	U	10	U	36		211		1790				10	U			
18	B1380000																																															
19	B1440000																																															
20	B1440000																																															
21	B1200000	3/20/2008	14:20	0.1	11.4		12.0		8.10		357		29		1	U	2.5				0.02	U	0.7		2.08		0.085		2	U	5	U	2	U	10	U	10	U	22		51		449				10	U			
22	B1200000																																															
23	B1940000	3/20/2008	13:15	0.1	9.3		11.3		7.88		142		80	B4	1	U	3.2				0.02	U	0.2	U	0.02	U	0.020	U	2	U	5	U	2	U	10	U	10	U	10	U	67		624				10	U			
24	B1940000																																															
25	B1960000	3/20/2008	13:48	0.1	12.2		9.1		7.11		104		57		28		10.5				0.02	U	0.7		0.84		0.609		2	U	5	U	2	U	10	U	10	U	15		135		587				10	U			
26	B1960000																																															
27	B2000000	3/27/2008	13:39	0.1	11.4		12.4		8.79		208		4		3		4.0				0.02	U	0.3		0.66		0.286																					
28	B2100000	3/27/2008	12:47	0.1	11.2		12.3		8.55		219		5		2		3.3				0.02	U	0.3		1.03		0.073		2	U	5	U	2	U	10	U	10	U	14		110		508				10	U	0.0017		
29	B2450000	3/27/2008	12:24	0.1	10.5		11.0		7.64		211		8		9		9.6				0.02		0.5		0.54		0.256																					
30	B2450000																																															
31	B3020000	3/2/2008	12:15	0.1	11.3		10.6		7.23		140		22		11		12.4				0.02	U	0.3		0.02	U	0.171		2	U	5	U	2	U	10	U	10	U	19		352		1200		227		10	U			
32	B3020000																																															
33	B3040000	3/2/2008	9:49	0.1	10.5		12.1		7.33		238		32		2		4.6				0.02	U	0.5		1.13		0.598		2	U	5	U	2		10	U	10	U	26		144		489		28		10	U	0.0041		
34	B3040000																																															
35	B3300000	3/2/2008	10:48	0.1	9.6		7.46		211		47		8		14.0						0.03	U	0.3		0.03	U	0.049		2	U	5	U	5		10	U	10	U	17		700		1000		171		10	U			
36	B3300000																																															
37	B3670000	3/2/2008	10:13	0.1	13.0		9.2		7.21		407		50		6		11				0.02		0.5		0.35		0.079		2	U	5	U	3		10	U	10	U	52		354		588		108		10	U	0.0023		
38	B3670000																																															
39	B3025000	3/2/2008	11:56	0.1	11.1		10.0		7.29		285		44		4		8.8				0.02	U	0.4		0.04		0.214		2	U	5	U	2	U	10	U	10	U	33		205		1180		261		10	U			
40	B3899180	3/2/2008	8:54	0.1	11.1		10.5		7.71		173		130	B1	2		2.4				0.02	U	0.2	U	0.07		0.203		2	U	5	U	2	U	10	U	10	U	23		50	U	434		87		10	U			
41	B3899180																																															
42	B3900000	3/2/2008	9:09	0.1	12.8		7.8		7.17		387		76	B1	5		5.2				0.12		1.1		8.06		0.356		2	U	5	U	3		10	U	10	U	37		140		305		80		10	U	0.0041		
43	B3900000																																															
44	B4080000	3/27/2008	11:38	0.1	12.4		10.8		7.65		217		8		12		10.0				0.05		0.5		0.52		0.047		2	U	5	U	3		10	U	10	U	10		281		523		150		10	U			
45	B4080000																																															
46	B6040300	3/27/2008	11:04	0.1	9.8		11.3		7.15		143		6		2		5.8				0.02	U	0.4		0.91		0.109		2	U	5	U	2	U	10	U	10	U	10	U	275		691		27		10	U	0.0024		
47	B4380000	3/28/2008	14:05	0.1	11.4		11.9		7.58		173		15		3		2.3				0.06		0.2	U	0.22		0.020	U	2	U	5	U	2	U	10	U	10	U	10	U	86		335		100		10	U			
48	B4380000																																															
49	B4350000	3/28/2008	13:46	0.1	10.6		10.6		7.38		190		25		3		4.7				0.02		0.2	U	0.93		0.020	U	2	U	5	U	2	U	10	U	10	U	10	U	164		486		106		10	U			
50	B4350000																																															
51	B4410000	3/28/2008	13:32	0.1	15.2		10.1		7.16		398		10		1		2.2				0.02	U	0.4		2.79		0.059		2	U	5	U	3		10	U	10	U	46		156		314		106		10	U			
52	B4410000																																															
53	B4625006	3/28/2008	13:15	0.1	16.9		12.4		7.92		164		76	B4	2		4.3				0.02	U	0.2	U	0.24		0.282																					
54	B4770000	3/28/2008	11:15	0.1	9.2		11.5		7.48		77		140	R4	9		7.9				0.02	U	0.5		0.02	U	0.029		2	U	5	U	2	U	10	U	10	U	15		260		1500				10	U			
55	B4770500	3/28/2008	12:41	0.1	11.9		12.3		8.40		243		10		6		6.5				0.02	U	0.4		0.72		0.316																					
56	B4770500																																															
57	B4800000	3/28/2008	10:16	0.1	10.5		11.5		7.99		220		51		4		8.6				0.06		0.3		0.49		0.043		2	U	5	U	4		10	U	10	U	16		283		649				10	U			
58	B4800000																																															
59	B4920000	3/28/2008	10:53	0.1	10.2		10.7		7.62		252		54		6		11.4				0.03		0.4		1.25		0.116		2	U	5	U	2	U	10	U	10	U	14		388		989				10	U	0.0046		
60	B4970000																																															
61	B5070000	3/28/2008	10:18	0.1	11.0		10.8		8.05		182		23		3		7.7				0.02	U	0.3		0.69		0.066		2	U	5	U	2	U	10	U	10	U	10	U	240		650				10	U			
62	B5070060																																															
63	B5100000	3/28/2008	10:00	0.1	10.4		11.9		8.19		176		51		3		6.0				0.02	U	0.2		0.63		0.058		2	U	5	U	2	U	10	U	10	U	10	U	215		610				10	U			
64	B5100000																																															
65	B5520000	3/1/2008	12:10	0.1	10.3		10.3		8.71		173		6		3		3.9				0.02	U	1.0		0.62		0.02	U																					
66	B5390800	3/1/2008	11:23	0.1	10.2		10.2		7.60		334		800	B1	3		4.4				0.02	U	0.4		3.68		0.765		2	U	5	U	7		10	U	10	U	14		114		544		48		10	U			
67	B5390800																																															
68	B5685000	3/27/2008	10:10	0.1	9.5		11.3		7.13		143		25		2		5.2																															
69	B5685000																																															
70	B5820000	3/27/2008	10:26	0.1	9.8		10.9		7.16		149		33		2		6.0				0.02		0.4		0.80		0.115		2	U	5	U	2	U	10	U	10	U	11		308		731				10	U			
71	B5820000																																															
72	B5950000	3/27/2008	9:09	0.1	9.9		11.0		7.32		101		22		2		4.3				0.02	U	0.4		0.02		0.260																					
73	B5950000																																															
74	B5980000	3/27/2008	9:33	0.1	9.4		11.3		7.48		233		70	B4	2		3.5				0.02		0.4		4.37		0.103		2	U	5	U	4		10	U	10	U	10	U	126		396				10	U			
75	B5980000																																															