Upper Cape Fear River Basin Association
August 2003

Site	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_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_rmk	Aluminum, Al (ug/L)	Aluminum, Al_rmk	Iron, Fe (ug/L)	Iron, Fe_rmk	Manganese, Mn (ug/L)	Manganese, Mn_rmk	Arsenic, As (ug/L)	Arsenic, As_rmk	Mercury, Hg (ug/L)	Mercury, Hg_rmk	Comments
					10	10rmk	300.0	300rmk	400.0	400rmk	94	94rmk	31616	31616rmk	530	530rmk	82079	82079rmk	32209	32209rmk	610	610rmk	625.0	625rmk	630	630rmk	665	665rmk	1027	1027rmk	1034	1034rmk	1042.0	1042rmk	1067	1067rmk	1051	1051rmk	1092	1092rmk	1105	1105rmk	1045	1045rmk	1055	1055rmk	1002	1002rmk	71900	71900rmk	
1	B0070010	8/4/2003	10:01	0.1	26		6.4		6.9		64		660		17.0		12				0.03		0.6		0.01	U	0.06																								B03080032-01
2	B0050000	8/4/2003	9:43	0.1	23		5.1		6.8		86		8400		9.4		23				0.03		0.4		0.15		0.07		0.5	U	5	U	3.9		5	U	2	U	24		410		3100				5	U	0.2	U	B03080032-02
3	B0050000	8/18/2003	10:42	0.1	24		4.4		6.4		87																																							B03080395-01
4	B0170000	8/4/2003	9:14	0.1	23		6.1		6.9		102		12000	B5	66		95				0.05		0.6		0.24		0.13		0.5	U	5	U	5.2		5	U	4.2		11		2400		4800				5	U	0.2	U	B03080032-03
5	B0170000	8/18/2003	10:22	0.1	24		5.5		6.5		88																																						B03080395-02
6	B0400000	8/4/2003	12:41	0.1	25		7.6		7.0		83		12000	B5	32.4		27				0.07		0.5		0.10		0.06																								B03080032-04
7	B0480050	8/4/2003	10:52	0.1	24		6.7		7.0		96		12000	B5	29.3		40				0.06		0.8		0.42		0.11		0.5	U	5	U	7.0		5	U	3.5		18		1200		1300				5	U	0.2	U	B03080032-05
8	B0480050	8/18/2003	11:40	0.1	24		6.5		6.6		119																																						B03080395-03
9	B0540050	8/4/2003	12:16	0.1	24		6.3		6.9		103		12000	B5	85.3		110				0.07		1.0		0.98		0.25		0.5	U	5	U	13.0		5	U	9.6		37		3100		2800				5	U	0.2	U	B03080032-06
10	B0540050	8/18/2003	12:04	0.1	25		6.0		6.5		122																																						B03080395-04
11	B0690000	8/4/2003	11:23	0.1	24		6.3		7.0		100		12000	B5	98.5		140				0.06		0.8		0.28		0.16		0.5	U	5	U	12.0		5	U	5.1		25		3500		5400				5	U	0.2	U	B03080032-07
12	B0690000	8/18/2003	11:16	0.1	23		5.9		6.6		130																																						B03080395-05
13	B0750000	8/4/2003	11:47	0.1	24		5.6		7.0		144		12000	B5	142		160				0.06		1.1		1.17		0.23		0.5	U	5	U	18.0		6.2		7.4		44		3900		5200				5	U	0.2	U	B03080032-08
14	B0750000	8/18/2003	12:12	0.1	23		5.3		6.6		125																																						B03080395-06
15	B0870000	8/4/2003	8:32	0.1	23		7.1		7.1		128		12000	B5	63.5		110				0.06		1.2		1.10		0.31																								B03080032-09
16	B0870000	8/18/2003	9:55	0.1	24		6.8		6.5		136																																						B03080395-07
17	B1350000	8/4/2003	14:26	0.1	23		6.4		6.7		142		6000		8.8		28												0.5	U	5	U	2.5		5	U	2	U	10	U	590		2300				5	U	0.2	U	B03080046-01
18	B1350000	8/18/2003	13:15	0.1	24		6.2		6.7		191																																						B03080395-08
19	B1380000	8/4/2003	14:27	0.1	25		7.4		7.1		184		10400		10.3		50				0.10		0.9		0.80		0.47		0.5	U	5	U	6.3		5	U	2	U	12		1100		2400				5	U	0.2	U	B03080046-02
20	B1380000	8/18/2003	13:38	0.1	26		7.7		7.5		410																																						B03080395-09
21	B1440000	8/4/2003	15:30	0.1	25		7.1		7.0		98		12000	B5	58.5		90				0.09		1.0		0.38		0.14		0.5	U	5	U	6.0		5	U	4.4		10	U	2100		3600				5	U	0.2	U	B03080046-03
22	B1440000	8/18/2003	14:34	0.1	25		6.9		6.8		176																																						B03080395-10
23	B1200000	8/4/2003	15:10	0.1	25		7.4		7.1		95		12000	B5	56		85				0.08		0.9		0.41		0.02		0.5	U	5	U	4.5		5	U	2.3		10	U	1900		2800				5	U	0.2	U	B03080046-04
24	B1200000	8/18/2003	14:14	0.1	25		6.8		6.7		143																																						B03080395-11
25	B1940000	8/4/2003	16:09	0.1	26		6.9		7.0		86		1120		86.5		75				0.05		0.9		0.13		0.13		0.5	U	5	U	5.1		5	U	2.6	J3	10	U	2700		4100				5	U	0.2	U	B03080046-05
26	B1940000	8/18/2003	15:25	0.1	26		6.7		6.7		87																																						B03080395-12
27	B1960000	8/4/2003	15:49	0.1	25		7.1		7.0		88		1140		80		90				0.04		0.9		0.12		0.14		0.5	U	5	U	13.0		5	U	2		15		3300		4100				5	U	0.2	U	B03080046-06
28	B1960000	8/18/2003	14:55	0.1	25		6.3		6.5		189																																						B03080395-13
29	B2000000	8/7/2003	8:29	0.1	24		7.5		6.9		90		5000		25.3		45				0.07		0.7		0.49		0.12																								B03080179-01
30	B2210000	8/7/2003	10:54	0.1	24		7.6		7.0		69		1000		49		70				0.14		0.7		0.24		0.09																								B03080179-02
31	B2450000	8/7/2003	10:28	0.1	26		7.6		6.9		80		2200		11.7		36				0.04		0.8		0.34		0.09																								B03080179-03
32	B2450000	8/20/2003	11:48	0.1	28		7.3		6.7		121																																						B03080472-01
33	B3020000	8/7/2003	12:53	0.1	24		5.3		6.6		80		600		47		75				0.07		0.7		0.20		0.08		0.5	U	5	U	7.1		5	U	5.5	J3	130		1600		3200		270		5	U	0.2	U	B03080179-04
34	B3020000	8/20/2003	14:21	0.1	26		5.6		6.8		154																																						B03080472-02
35	B3040000	8/7/2003	14:16	0.1	25		5.6		6.9		137		220		49.5		100				0.05		0.9		1.59		0.25		0.5	U	5	U	3.9		5	U	5.5		180		1800		3300		280		5	U	0.2	U	B03080179-05
36	B3040000	8/20/2003	13:16	0.1	28		6.0		7.0		302																																						B03080472-03
37	B3300000	8/7/2003	13:32	0.1	25		5.5		7.1		155		200		3.6		10				0.03		0.5		0.16		0.04		0.5	U	5	U	3.5		5	U	2	U	10	U	220		1000		140		5	U	0.2	U	B03080179-06
38	B3300000	8/20/2003	13:50	0.1	27		5.0		7.0		181																																						B03080472-04
39	B3670000	8/7/2003	13:56	0.1	25		6.2		7.1		280		210		34.8		39				0.05		1.0		8.28		0.34		0.5	U	5	U	6.3		5	U	12		36		900		1400		160		5	U	0.2	U	B03080179-07
40	B3670000	8/20/2003	13:35	0.1	26		6.0		7.0		409																																						B03080472-05
41	B3025000	8/7/2003	13:07	0.1	24		5.2		7.0		129		500		13.6		29				0.06		0.6		0.42		0.14		0.5	U	5	U	4.8		5	U	8		16		860		1600				5	U	0.2	U	B03080179-08
42	B3899180	8/7/2003	12:33	0.1	24		6.8		6.8		106		170		4.0		8.6				0.03		0.3		0.37		0.06		0.5	U	5	U	2.0	U	5	U	2	U	10	U	180		610		82		5	U	0.2	U	B03080179-09
43	B3899180	8/20/2003	12:42	0.1	25		6.4		6.8		169																																						B03080472-06
44	B3900000	8/7/2003	14:40	0.1	25		5.6		7.1		288		3600	B4	12.5		13				0.29		1.1		5.86		0.3		0.5	U	5	U	3.3		5	U	2	U	34		320		710		210		5	U	0.2	U	B03080179-10
45	B3900000	8/20/2003	13:00	0.1	26		5.6		7.0		430																																						B03080472-07
46	B4080000	8/7/2003	9:59	0.1	24		7.8		6.5		62		1000		29		80				0.1		0.7		0.29		0.11		0.5	U	5	U	3.0		5	U	2.7		10	U	1100		2200		89		5	U	0.2	U	B03080179-11
47	B4080000	8/20/2003	11:11	0.1	27		7.0		6.7		129																																						B03080472-08
48	B6050000	8/7/2003	9:30	0.1	22		7.5		6.0		42		8600		124		190				0.15		1.4		0.36		0.28		0.5	U	5	U	7.2		5	U	7		32		3600		5600		210		5	U	0.2	U	B03080179-12
49	B4380000	8/12/2003	9:29	0.1	22		7.2		7.2		103		12000	B5	10.7		40				0.06		0.7		0.49		0.06		0.5	U	5	U	5.5		5	U	3		12		1000		2000				5	U	0.2	U	B03080267-01
50	B4380000	8/26/2003	9:48	0.1	23		7.6		7.3		211																																						B03080611-01
51	B4350000	8/12/2003	9:54	0.1	25		7.2		7.0		88		12000	B5	18.7		26				0.16		0.8		0.16		0.05		0.5	U	5	U	6.5		5	U	5.3		110		1700		2000				5	U	0.2	U	B03080267-02
52	B4350000	8/26/2003	10:11	0.1	26		6.1		7.0		89																																						B03080611-02
53	B4440000	8/12/2003	10:19	0.1	25		6.5		6.9		106		12000	B5	26.3		45				0.16		0.9		0.77		0.15		0.5	U	5	U	3.3		5	U	2.2		10	U	920		1700				5	U	0.2	U	B03080267-03
54	B4440000	8/26/2003	10:31	0.1	25		5.7		6.7		161																																						B03080611-03
55	B4626000	8/12/2003	10:54	0.1	22		6.9		7.0		118		5000		11.4		32				0.09		0.6		0.23		0.08																								B03080267-04
56	B4870000	8/12/2003	12:27	0.1	23		6.6		6.9		112		6800		11.5		27				0.05		0.4		0.24		0.06		0.5	U	5	U	4.2		5	U	3.8		12		600		2300				5	U	0.2	U	B03080267-05
57	B4780000	8/12/2003	11:34	0.1	25		7.0		7.2		105		5400		35		38				0.09		1.0		0.55		0.14																								B03080267-06
58	B4780000	8/26/2003	11:05	0.1	25		7.1		7.2		114																																						B03080611-04
59	B4800000	8/12/2003	12:03	0.1	25		8.0		7.2		103		7600		30.2		35		20.5										0.5	U	5	U	7.3		5	U	3		65		900		1800				5	U	0.2	U	B03080267-07
60	B4800000	8/26/2003	11:40	0.1	25		7.3		7.2		107																																						B03080611-05
61	B4920000	8/12/2003	12:49	0.1	25		7.1		7.1		107		6000	J2	20.0		33		14.9	J2	0.10		0.9		0.56		0.13		0.5	U	5	U	4.3		5	U	3.8		12		600		1300				5	U	0.2	U	B03080267-08
62	B4920000	8/26/2003	12:02	0.1	28		6.8		7.2		105																																						B03080611-06
63	B5070000	8/12/2003	13:27	0.1	25		7.7		7.2		100		560		41.7		55																																B03080267-09
64	B5070000	8/26/2003	12:33	0.1	25		6.8		7.0		101																																						B03080611-07
65	B5100000	8/12/2003	13:54	0.1	24		7.3		7.1		105		680		44		60				0.08		1.0		0.67		0.14		0.5	U	5	U	6.2		5	U	3		15		1000		1900				5	U	0.2	U	B03080267-10
66	B5100000	8/26/2003	13:03	0.1	25		6.2		6.9		98																																						B03080611-08
67	B5520000	8/5/2003	11:27	0.1	24		8.0		6.6		98		6400		171		140				0.06		1.3		0.65		0.33																								B03080072-01
68	B5410000	8/5/2003	10:35	0.1	22		6.9		6.3		167		12000	B5	21.3		35				0.07		1.3		0.62		0.28		0.5	U	5	U	7.0		5	U	2	U	74		670		2200		160		5	U	0.2	U	B03080072-02
69	B5410000	8/21/2003	9:47	0.1	22		6.4		7.1		378																																						B03080503-01
70	B5575000	8/5/2003	12:07	0.1	25		6.3		6.7		100		5200		38.7		50		4.1		0.05		0.7		0.73		0.17																								B03080072-03
71	B5685000	8/5/2003	12:41	0.1	25		7.0		6.8		84		820		24		35																																	B03080072-04
72	B5685000	8/21/2003	11:15	0.1	25		6.2		6.9		144																																						B03080503-02
73	B5820000	8/5/2003	13:21	0.1	25		6.3		6.7		75		10400		39.7		50				0.07		0.7		0.41		0.16		0.5	U	5	U	3.8		5	U	2	U	110		570		1500		89		5	U	0.2	U	B03080072-05
74	B5820000	8/21/2003	11:45	0.1	25		5.8		6.8		134																																						B03080503-03
75	B5950000	8/5/2003	14:35	0.1	23		7.7		6.6		50		12000	B5	62		110				0.13		1.2		0.38		0.32		0.5	U	5	U	6.1		5	U	3.6	J3	260		1700		3000		230		5	U	0.2	U	B03080072-06
76	B5950000	8/21/2003	13:05	0.1	26		5.7		6.8		87																																						B03080503-04
77	B5980000	8/5/2003	13:59	0.1	22		7.8		6.6		56		6800		75.6		120				0.14		1.2		0.37		0.32		0.5	U	5	U	5.0		5	U	3.5		220		1600		2900				5	U	0.2	U	B03080072-07
78	B5980000	8/21/2003	12:33	0.1	25		5.4		6.9		216																																						B03080503-05