Upper Cape Fear River Basin Association
July 2003

Site	Station	Date (m/d/yyyy)	Time (hh:mm)	Depth (m)	Temp (°C)	Temp_rmk	DO (mg/L)	DOmk	pH (su)	pH_rmk	Conductivity (umhos/cm)	Conductivity_rmk	Fecal Coliform	Fecal Coliform	Suspended Residue (mg/L)	Suspended Residue_rmk	Turbidity (NTU)	Turbidity_mk	Chlorophyll_a (ug/L)	Chlorophyll_mk	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_mk	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_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
1	B0070010	7/8/2003	11:20	0.1	28		6.6		6.4		61		560		7.6		7.4				0.06		0.5		0.10	U	0.04																								B03070159-01
2	B0050000	7/8/2003	11:36	0.1	24		4.7		6.3		70		328	B4	6.8		36				0.08		0.5		0.20		0.09		0.5	U	5	U	2.9		5	U	2.0	U	10	U	530		2900				5	U	0.2	UB03070159-02
2	B0050000	7/28/2003	10:49	0.1	24		5.2		6.8		98																																							B03070666-01
3	B0170000	7/8/2003	10:57	0.1	25		5.4		6.4		71		4200		18.4		40				0.08		0.6		0.21		0.09		0.5	U	5	U	5.9		5	U	2.3		10	U	900		3000				5	U	0.2	UB03070159-03
3	B0170000	7/28/2003	10:22	0.1	25		6.3		6.7		129																																						B03070666-02
4	B0400000	7/8/2003	13:10	0.1	26		7.3		6.9		85		840		13.4		32				0.13		0.5		0.23		0.05																						B03070159-04
5	B0480050	7/8/2003	12:31	0.1	27		6.5		6.9		107		3600	B4	6.0		6.9				0.09		0.4		0.44		0.06		0.5	U	5	U	3.3		5	U	2.6		10	U	220		540				5	U	0.2	UB03070159-05
5	B0480050	7/28/2003	11:48	0.1	26		6.3		7.2		300																																						B03070666-03
6	B0540050	7/8/2003	13:33	0.1	26		6.8		7.0		220		155		6.2		9.7				0.10		0.8		4.87		0.25		0.5	U	5	U	5		5	U	2.4		18		230		480				5	U	0.2	UB03070159-06
6	B0540050	7/28/2003	13:16	0.1	27		7.0		7.4		337																																						B03070666-04
7	B0690000	7/8/2003	12:05	0.1	26		6.6		6.9		170		6400		5.8		12				0.07		0.5		0.41		0.08		0.5	U	5	U	4.7		5	U	2.0	U	10	U	320		1000				5	U	0.2	UB03070159-07
7	B0690000	7/28/2003	14:23	0.1	27		7.7		7.5		264																																						B03070666-05
8	B0750000	7/8/2003	13:50	0.1	26		6.6		7.4		529		225		4.6		6.1				0.12		1.2		8.05		4.3		0.5	U	5	U	4.6		12		2.0	U	29		180		410				5	U	0.2	UB03070159-08
8	B0750000	7/28/2003	12:55	0.1	27		6.1		7.5		593																																						B03070666-06
9	B0870000	7/8/2003	10:29	0.1	25		7.3		6.9		104		4400		31.6		45				0.09		0.6		0.59		0.21																						B03070159-09
9	B0870000	7/28/2003	9:31	0.1	25		7.4		7.1		195																																						B03070666-07
10	B1350000	7/8/2003	14:46	0.1	25		6.3		6.8		187		85		3.8		12												0.5	U	5	U	3.1		5	U	2.0	U	10	U	150		1500				5	U	0.2	UB03070159-10
10	B1350000	7/28/2003	14:20	0.1	24		6.8		6.6		190																																						B03070667-01
11	B1380000	7/8/2003	15:01	0.1	28		7.2		7.2		347		83		11.1		17				0.12		0.5		1.55		0.65		0.5	U	5	U	3.8		5	U	2.4		20		300		1000				5	U	0.2	UB03070159-11
11	B1380000	7/28/2003	14:38	0.1	27		7.9		7.3		359																																						B03070667-02
12	B1440000	7/8/2003	15:34	0.1	27		7.1		7.2		163		110		31.2		40				0.08		0.7		1.44		0.41		0.5	U	5	U	5.2		5	U	3.6		12		970		2400				5	U	0.2	UB03070159-12
12	B1440000	7/28/2003	15:12	0.1	27		7.5		7.4		208																																						B03070667-03
13	B1200000	7/8/2003	15:18	0.1	26		7.1		7.1		154		120		33.0		45				0.11		0.6		1.26		0.38		0.5	U	5	U	5.8		5	U	3.8		10	U	560		1900				5	U	0.2	UB03070159-13
13	B1200000	7/28/2003	14:59	0.1	28		7.1		7.1		208																																						B03070667-04
14	B1940000	7/8/2003	16:08	0.1	23		6.6		7.0		106		291	B4	7.3		11				0.10		0.5		0.28		0.06		0.5	U	5	U	3.2		5	U	2.0	U	10	U	200		1100				5	U	0.2	UB03070159-14
14	B1940000	7/28/2003	15:46	0.1	27		6.0		6.7		107																																						B03070667-05
15	B1960000	7/8/2003	15:49	0.1	26		6.6		6.7		146		225		6.8		10				0.10		0.6		0.48		0.08		0.5	U	5	U	3.9		5	U	2.2		10	U	240		1100				5	U	0.2	UB03070159-15
15	B1960000	7/28/2003	15:25	0.1	28		5.9		6.8		162																																						B03070667-06
16	B2000000	7/9/2003	10:06	0.1	27		6.7		7.1		144		84		17.6		28				0.12		0.6		0.98		0.31																						B03070240-01
17	B2210000	7/9/2003	12:01	0.1	29		7.8		7.6		137		160		7.2		12				0.07		0.5		0.77		0.13																						B03070240-02
18	B2450000	7/9/2003	11:39	0.1	32		10.2		8.2		107		6	B1	9.0		10				0.07		0.8		0.10	U	0.08																						B03070240-03
18	B2450000	7/21/2003	14:02	0.1	30		9.7		8.4		113																																						B03070475-01
19	B3020000	7/9/2003	15:39	0.1	28		5.4		7		148		53	B1	16.7		22				0.15		0.5		0.16		0.09		0.5	U	5	U	3.6		5	U	3.2		14		420		2000		350		5	U	0.2	UB03070240-04
19	B3020000	7/21/2003	13:20	0.1	26		3.7		7		175																																						B03070475-02
20	B3040000	7/9/2003	14:18	0.1	30		6.7		7.2		276		40		16.3		20				0.11		0.9		1.93		0.14		0.5	U	5	U	3.2		5	U	2.8		16		260		1200		220		5	U	0.2	UB03070240-05
20	B3040000	7/21/2003	14:41	0.1	30		7.9		7.6		311																																						B03070475-03
21	B3300000	7/9/2003	14:54	0.1	31		5.4		7.3		203		90		7.5		17				0.10		0.5		0.12		0.07		0.5	U	5	U	5.3		5	U	2.0	U	14		320		1300		340		5	U	0.2	UB03070240-06
21	B3300000	7/21/2003	13:55	0.1	28		5.8		7.3		193																																						B03070475-04
22	B3670000	7/9/2003	14:34	0.1	28		7.2		7.3		480		87		22.0		23				0.13		1.2		18.24		0.41		0.5	U	5	U	9.3		5	U	2.1		42		620		880		230		5	U	0.2	UB03070240-07
22	B3670000	7/21/2003	14:22	0.1	27		7.8		7.3		449																																						B03070475-05
23	B3025000	7/9/2003	15:13	0.1	28		6.1		7.3		256		135		10.5		20				0.10		0.5		0.34		0.17		0.5	U	5	U	6.1		5	U	6.2		10		480		1300				5	U	0.2	UB03070240-08
24	B3899180	7/9/2003	13:40	0.1	28		7.0		7.2		130		109		3.6		6.7				0.13		0.5		0.30		0.06		0.5	U	5	U	3.1		5	U	2.6		10	U	140		700		110		5	U	0.2	UB03070240-09
24	B3899180	7/21/2003	13:01	0.1	26		7.0		7.2		140																																						B03070475-06
25	B3900000	7/9/2003	14:00	0.1	28		5.8		7.0		250		105		21.0		19				0.20		0.8		0.10	U	0.16		0.5	U	5	U	4		5	U	6.4		13		370		1000		250		5	U	0.2	UB03070240-10
25	B3900000	7/21/2003	15:06	0.1	27		6.3		7.2		349																																						B03070475-07
26	B4080000	7/9/2003	10:54	0.1	25		7.0		6.5		113		26	B1	14.3		21				0.22		0.9		0.22		0.07		0.5	U	5	U	4.3		5	U	2.0	U	10	U	190		800		760		5	U	0.2	UB03070240-11
26	B4080000	7/21/2003	11:29	0.1	26		7.5		6.9		111																																						B03070475-08
27	B6050000	7/9/2003	11:13	0.1	27		7.0		6.7		94		62		11.7		22				0.11		0.8		0.82		0.2		0.5	U	5	U	5.1		5	U	2.0		10	U	520		1300		76		5	U	0.2	UB03070240-12
28	B4380000	7/10/2003	9:30	0.1	23		7.8		7		226		9000		2.3		3.7				0.04		0.5		0.68		0.02		0.5	U	5	U	2.9		5	U	2.0	U	12		150		190				5	U	0.2	UB03070264-01
28	B4380000	7/23/2003	11:52	0.1	23		7.8		7		149																																						B03070547-01
29	B4350000	7/10/2003	9:51	0.1	25		6.0		6.7		115		1000		6.2		9.5				0.06		0.6		0.23		0.03		0.5	U	5	U	2	U	5	U	2.0	U	11		170		370		53		5	U	0.2	UB03070264-02
29	B4350000	7/23/2003	12:15	0.1	25		6.9		6.9		109																																						B03070547-02
30	B4440000	7/10/2003	10:08	0.1	25		5.7		6.8		264		920		6.8		8.8				0.13		1.0		3.15		0.43		0.5	U	5	U	3.9		5	U	2.0	U	15		180		390				5	U	0.2	UB03070264-03
30	B4440000	7/23/2003	12:34	0.1	24		6.1		6.6		155																																						B03070547-03
31	B4626000	7/10/2003	10:26	0.1	23		6.8		6.9		139		840		2.8		7.4				0.06		0.5		0.27		0.04																						B03070264-04
32	B4870000	7/10/2003	11:52	0.1	24		6.1		6.7		125		9000		67.0		120				0.09		0.8		0.56		0.1		0.5	U	5	U	5.6		5	U	9.6		16		850		1500			U	5	U	0.2	UB03070264-05
33	B4780000	7/10/2003	10:52	0.1	25		7.5		7.3		159		1040		12.2		14				0.02		0.8		1.16		0.21																						B03070264-06
33	B4780000	7/23/2003	13:15	0.1	23		7.1		6.3		101																																						B03070547-04
34	B4800000	7/10/2003	11:13	0.1	26		7.5		6.9		149		640		12.0		16		40.7										0.5	U	5	U	4.5		5	U	2.0	U	10	U	430		1100				5	U	0.2	UB03070264-07
34	B4800000	7/23/2003	13:31	0.1	23		7.9		6.5		93																																						B03070547-05
35	B4920000	7/10/2003	11:33	0.1	27		7.5		7.1		148		580		11.2		14		45.6		0.05		0.7		0.97		0.21		0.5	U	5	U	3.4		5	U	2.0	U	13		330		820				5	U	0.2	UB03070264-08
35	B4920000	7/23/2003	15:53	0.1	23		7.6		6.5		103																																						B03070547-06
36	B5070000	7/10/2003	13:24	0.1	27		7.2		7.1		136		328	B4	13.0		21																																B03070264-09
36	B5070000	7/23/2003	14:20	0.1	24		7.6		6.8		132																																						B03070547-07
37	B5100000	7/10/2003	12:50	0.1	27		6.7		6.8		128		345		10.3		16				0.09		0.7		0.89		0.18		0.5	U	5	U	4.4		5	U	2.0	U	13		400		930				5	U	0.2	UB03070264-10
37	B5100000	7/23/2003	14:45	0.1	25		7.3		7.0		174																																						B03070547-08
38	B5520000	7/7/2003	14:05	0.1	27		7.5		6.8		99		540		7.6		15				0.09		0.6		0.78		0.15																						B03070127-01
39	B5410000	7/7/2003	13:10	0.1	23		6.9		6.9		354		6400		12.3		19				0.10		0.7		2.21		0.29		0.5	U	5	U	2.2		5	U	2.0	U	10	U	310		1200		63		5	U	0.2	UB03070127-02
39	B5410000	7/22/2003	10:45	0.1	23		6.5		7.1		543																																						B03070506-01
40	B5575000	7/7/2003	14:30	0.1	27		5.7		6.4		88		580		11.6		21		6.3		0.12		0.7		0.78		0.15																						B03070127-03
41	B5685000	7/7/2003	14:52	0.1	26		5.7		6.3		85		182	B4	8.5		20																																B03070127-04
41	B5685000	7/22/2003	12:21	0.1	27		5.9		7		122																																						B03070506-02
42	B5820000	7/7/2003	15:10	0.1	26		5.8		6.1		86		125		9.5		21				0.12		0.7		0.84		0.04		0.5	U	5	U	5.6		5	U	2.0	U	10	U	420		1200		79		5	U	0.2	UB03070127-05
42	B5820000	7/22/2003	12:47	0.1	27		5.7		6.7		116																																						B03070506-03
43	B5950000	7/7/2003	16:09	0.1	26		6.5		6.7		85		110	B4	9.5		12				0.09		0.9		0.31		0.14		0.5	U	5	U	4.3		5	U	2.0	U	10	U	260		1400				5	U	0.2	UB03070127-06
43	B5950000	7/22/2003	14:10	0.1	27		5.6		6.9		90																																						B03070506-04
44	B5980000	7/7/2003	15:38	0.1	26		6.1		6.7		130		800		6.3		10				0.10		0.7		1.42		0.15		0.5	U	5	U	2.7		5	U	2.0	U	10	U	240		1000				5	U	0.2	UB03070127-07
44	B5980000	7/22/2003	13:43	0.1	27		5.4		7.1		213																																						B03070506-05