Upper Cape Fear River Basin
March 2003

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	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	300rmk	400	400rmk	94	94rmk	31616	31616rmk	530	530rmk	82079	82079rmk	32209	32209rmk	610	610rmk	625	625rmk	630	630rmk	665	665rmk	1027	1027rmk	1034	1034rmk	1042	1042rmk	1067	1067rmk	1051	1051rmk	1092	1092rmk	1105	1105rmk	1045	1045rmk	1055	1055rmk	1002	1002rmk	71900	71900rmk	Comments	
B0050000	3/10/2003	11:39	0.1	11.0		9		7.1		68		28	B1	5.8		16				0.02		0.4		0.05		0.01		0.5	U	5	U	2.8		5	U	2	U	10	U	310		1300		82		5	U	0.2	U		
B0070010	3/10/2003	11:55	0.1	10		10		7.2		65		22	B1	15.0		52.0				0.05		0.7		0.30		0.07																									
B0170000	3/10/2003	11:11	0.1	11		9		7.1		80		39	B1	10		22				0.03		0.4		0.20		0.07		0.5	U	5	U	4.9		5	U	2	U	10	U	600		1600		62		5	U	0.2	U		
B0400000	3/10/2003	13:45	0.1	11.0		9.7		7		88		35	B1	11		20.0				0.02		0.4		0.30		0.04																									
B0480050	3/10/2003	13:04	0.1	12		10		7.5		280		102		4.1		7				0.04		0.5		0.70		0.04		0.5	U	5	U	3.7		5	U	2	U	13		290		780		290		5	U	0.2	U		
B0540050	3/10/2003	14:05	0.1	13		8.4		7.3		327		420		4.3		7.3				4.3		4.9		2.10		0.37		0.5	U	5	U	4.2		5	U	2	U	27		270		550		220		5	U	0.2	U		
B0690000	3/10/2003	12:27	0.1	12		10		7.3		274		54		4.4		12				0.08		0.6		0.60		0.06		0.5	U	5	U	5		5	U	2.5		10		320		1100		140		5	U	0.2	U		
B0750000	3/10/2003	14:20	0.1	15		8.3		7.6		642		12000	B5	9.6		11.0				8.7		8.2		2.10		1.4		0.5	U	5	U	5.3		9.2		2	U	37		350		720		10	U	5	U	0.2	U		
B0870000	3/10/2003	10:39	0.1	11.0		9.6		7		162		101		10		23				0.66		1.1		0.70		0.20																									
B1200000	3/10/2003	16:10	0.1	12		10		7.1		143		328	B4	10		26				0.2		0.7						0.5	U	5	U	3.7		5	U	2	U	10	U	520		1300		54		5	U	0.2	U		
B1350000	3/10/2003	15:35	0.1	12		9.0		7		149		135		5.6		11												0.5	U	5	U	2.8		5	U	2	U	10	U	270		1100		200		5	U	0.2	U		
B1380000	3/10/2003	15:56	0.1	14		10		7.3		295		95		6.9		14				0.05		0.7				0.29		0.5	U	5	U	3.6		5	U	2	U	15		360		1200		180		5	U	0.2	U		
B1440000	3/10/2003	16:23	0.1	12		10		7.1		139		291	B4	12		25				0.19		0.3	U	0.14		0.5	U	5	U	4.4		5	U	3.8		10	U	660		1300		55		5	U	0.2	U		
B1940000	3/10/2003	17:04	0.1	11		10		7.0		113		30	B1	9		22				0.01		1.6		0.07		0.07		0.5	U	5	U	3.4		5	U	2	U	10	U	600		1300		66		5	U	0.2	U		
B1960000	3/10/2003	16:37	0.1	11.0		10		7.1		160		99		9.2		22				0.33		0.5				0.11		0.5	U	5	U	4.6		5	U	2	U	10	U	410		1100		68		5	U	0.2	U		
B2000000	3/10/2003	9:25	0.1	10		9.9		7.3		124		72		11		27				0.15		0.7		0.50		0.08																									
B2210000	3/10/2003	12:06	0.1	11		11		7.5		112		42		12		28				0.07		0.5		0.60		0.12																									
B2450000	3/10/2003	11:41	0.1	12		9.5		7.0		111		110		6.9		26				0.79		1		0.70		0.04																									
B3020000	3/10/2003	14:51	0.1	12		8.8		6.9		107		14	B1	6.6		13				0.03		0.4		0.10		0.07		0.5	U	5	U	3.8		5	U	2	U	10	U	310		980		130		5	U	0.2	U		
B3025000	3/10/2003	15:09	0.1	12		10		7.5		250		36	B1	11		24				0.05		0.5		0.20		0.10		0.5	U	5	U	6.9		5	U	3.7		45		1000		1500		130		5	U	0.2	U		
B3040000	3/10/2003	16:35	0.1	12		9.6		6.8		139		10	B1	9.1		18				0.02		0.6		0.50		0.08		0.5	U	5	U	3.6		5	U	2	U	10	U	560		930		45		5	U	0.2	U		
B3300000	3/10/2003	15:40	0.1	13		10		7.2		177		22	B1	13		27				0.02		0.5		0.06		0.06		0.5	U	5	U	10		5	U	2.2		21		780		1700		130		5	U	0.2	U		
B3670000	3/10/2003	16:08	0.1	12		9.2		7.1		212		84		26		35				0.07		0.9		3.60		0.11		0.5	U	5	U	6.5		5	U	2.8		28		930		1300		93		5	U	0.2	U		
B3899180	3/10/2003	13:22	0.1	12		11		7.3		103		52		7.8		15				0.02		0.4		0.30		0.07		0.5	U	5	U	3.4		5	U	2	U	18		480		870		77		5	U	0.2	U		
B3900000	3/10/2003	16:56	0.1	13.0		10		7.1		152		31	B1	11		14				0.06		0.8		1.10		0.09		0.5	U	5	U	3.5		5	U	2	U	10	U	410		890		160		5	U	0.2	U		
B4080000	3/10/2003	10:54	0.1	9.1		12		7.3		114		185		16		30				0.08		0.7		0.50		0.12		0.5	U	5	U	4.5		5	U	2	U	10	U	610		1200		57		5	U	0.2	U		
B4350000	3/11/2003	11:18	0.1	7.9		11		6.9		141		270		8.8		24				0.03		0.3	U	0.40		0.06		0.5	U	5	U	3.6		5	U	2	U	10	U	870		1200		73		5	U	0.2	U		
B4380000	3/11/2003	10:59	0.1	7.3		12		7.2		236		400		1.6		3.4				0.01	U	0.8		0.70		0.02		0.5	U	5	U	2.2		5	U	2	U	10	U	180		250		87		5	U	0.2	U		
B4440000	3/11/2003	11:33	0.1	10.0		8.9		6.9		252		66	Q2	9		18.0				3.30		3.9		1.80		0.20		0.5	U	5	U	4.9		5	U	2	U	18		1000		920		150		5	U	0.2	U		
B4440000	3/31/2003	10:17	0.1	12.0		9.6		6.7		119		5400																																							
B4626000	3/11/2003	11:52	0.1	7.6		11		7.2		123		95		4.2		10				0.03		0.5		0.40		0.04																									
B4780000	3/11/2003	12:23	0.1	9		11		7.2		175		121		6.7		18				0.66		0.8		1.40		0.12																									
B4800000	3/11/2003	12:48	0.1	11		11		7.4		156		235		13		25												0.5	U	5	U	6.1		5	U	2	U	10	U	1400		1300		91		5	U	0.2	U		
B4870000	3/11/2003	13:12	0.1	11		10		7.4		172		157		9.8		20				0.35		0.3		1.40		0.17		0.5	U	5	U	5.7		5	U	3		10	U	1100		1100		84		5	U	0.2	U		
B4920000	3/11/2003	13:30	0.1	10		12		7.3		128		122		4.6		8.5				0.01		1.0		0.10		0.05		0.5	U	5	U	3.9		5	U	2	U	10		500		930		73		5	U	0.2	U		
B5070000	3/11/2003	14:40	0.1	11		11		7.3		140		420		10		29																																			
B5100000	3/11/2003	14:20	0.1	11		10		7.4		138		300		9.7		27				0.1		0.3	U	1.10		0.15		0.5	U	5	U	5.4		5	U	2	U	10	U	960		1300		66		5	U	0.2	U		
B5410000	3/13/2003	11:25	0.1	12		9.5		7.1		488		640		4.3		8.6				1.40		1.8		*		0.44		0.5	U	5	U	5.0		5	U	2	U	10		210		640		100		5	U	0.2	U		
B5520000	3/13/2003	12:16	0.1	13		11		7.4		108		32	B1	6.5		16				0.01		1.4		0.90		0.11																									
B5575000	3/13/2003	12:46	0.1	11.0		9.6		7.2		90		30	B1	9		20				0.04		0.4		0.80		0.11																									
B5685000	3/13/2003	13:20	0.1	14		9.8		7		88		50		9.5		21																																			
B5820000	3/13/2003	13:44	0.1	13.0		9.5		6.7		90		70		9.2		20				0.06		0.4		*		0.14		0.5	U	5	U	3.9		5	U	2	U	10	U	460		930		48		5	U	0.2	U		
B5950000	3/13/2003	15:05	0.1	14		10		7.2		81		46	B1	9		25				0.07		0.6		*		0.16		0.5	U	5	U	5.6		5	U	2.5		10	U	550		1300		120		5	U	0.2	U		
B5980000	3/13/2003	14:49	0.1	14		10		7.2		145		62		5.1		17				0.04		0.8		2.20		0.34		0.5	U	5	U	4.4		5	U	2	U	10	U	460		950		62		5	U	0.2	U		
B6050000	3/10/2003	10:23	0.1	10		10		6.8		75		190		16		40				0.04		0.6		0.60		0.11		0.5	U	5	U	4		5	U	2.3		10	U	1000		1700		38		5	U	0.2	U		

* Data invalidated due to bottle contamination.

Upper Cape Fear River Basin
March 2003

* Data invalidated due to bottle contamination.

* Data invalidated due to bottle contamination.