

APALACHICOLA RIVER BASIN 2003 Water Year

02336405 NANCY CREEK TRIBUTARY AT WOOD VALLEY ROAD, AT ATLANTA, GA

LOCATION.—Lat 33°50'53", long 84°24'52" referenced to North American Datum (NAD) of 1983, Fulton County, Hydrologic Unit Code 03130001, at culvert on Wood Valley Road, 1.1 miles upstream of Nancy Creek, and 0.90 miles east of Interstate 75.

DRAINAGE AREA.—0.13 mi².

COOPERATION.—City of Atlanta.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—March 20, 2003 to July 28, 2003.

REMARKS.—Laboratory chemical analyses with analyzing agency code 80020 are by the U.S. Geological Survey, National Water Quality Laboratory. Laboratory chemical analyses with analyzing code 81345 are by the U.S. Geological Survey, Panola Mountain Laboratory. Laboratory sediment analyses are by the U.S. Geological Survey, Sediment Partitioning Research Laboratory. Field determinations of Specific Conductance, pH, Water Temperature, Dissolved Oxygen, and Turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA - WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Tur-				Dis-		pH,	Specif.	Hard-		Noncarb
		Agency	bidity,	Baro-	solved	water,	unfltrd	tance,	Temper-	Temper-	water,	hard-
		ana-	water,	metric	Dis-	oxygen,	percent	field,	wat unf	ature,	ature,	ness,
		lyzing	unfltrd	pres-	solved	oxygen,	of sat-	std	us/cm	water,	unfltrd	lab,
		sample,	field,	sure,	oxygen,	of sat-	units	25 degC	deg C	air,	mg/L as	mg/L as
		code	NTU	mm Hg	mg/L	uration	(00400)	(00095)	(00010)	CaCO3	CaCO3	fltrd,
		(00028)	(61028)	(00025)	(00300)	(00301)	(00090)	(00020)	(00090)	(00905)	(00915)	mg/L
MAR												
21...	1159	81345	8.0	734	8.9	93	6.9	116	15.5	--	30	5
21...	1200	81350	--	--	--	--	--	--	--	--	--	--
21...	1201	80020	--	--	--	--	--	--	--	--	--	--
JUL												
18...	1025	81345	3.5	740	5.2	57	7.0	115	20.0	27.0	32	6
18...	1026	80020	--	--	--	--	--	--	--	--	--	--
18...	1027	81350	--	--	--	--	--	--	--	--	--	--
28...	0930	80020	2.2	746	8.6	95	7.2	120	20.0	27.0	--	--

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continued.**

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continued.**

	Nickel,	Selen-	Silver,	Stront-	Titan-	Vanad-	Zinc,	1-	2,6-Di-	2-	3-
Date	bed sed	ium,	bed sed	ium,	ium,	ium,	bed sed	1,4-Di-	Methyl-	methyl-	Methyl-
	<62.5um	bed sed	<62.5um	bed sed	bed sed	bed sed	<62.5um	chloro-	naphth-	naphth-	Copros-
	dry svd	<62.5um	dry svd	<62.5um	<62.5um	<62.5um	dry svd	benzene	alene,	alene,	tanole,
	lab,	dry svd	lab,	dry svd	dry svd	dry svd	lab,	water,	water,	water,	water,
	total,	lab,tot	total,	lab,tot	lab,tot	lab,tot	total,	filtrd,	filtrd,	filtrd,	filtrd,
	ug/g	ug/g	ug/g	ug/g	percent	ug/g	ug/g	ug/L	ug/L	ug/L	ug/L
	(34927)	(34952)	(34957)	(34967)	(34992)	(34992)	(35007)	(35022)	(34572)	(62054)	(62055)
									(62056)	(62057)	(62058)

MAR															
21...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	<.5	<.5	<.5	<.5	<2	M	
JUL															
18...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	22	.4	<.5	43	.670	58	110	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	<.5	<.5	<.5	<.5	<.5	<2	<1	

	3-tert- Butyl-	4-	4-	4-tert- Octyl-	5-Meth- yl-1H- 9,10-	Aceto-	Anthra-	[a]-	Benzene-	beta-
Date	4-hy- droxy- anisole	Cumyl- phenol,	Octyl- phenol,	Nonyl- phenol,	benzo- benzo-	Anthra- quinone	AHTN,	cene,	pyrene,	phenone
wat flt	fltrd,	fltrd,	fltrd,	wat flt	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,
ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
(62059)	(62060)	(62061)	(62085)	(62062)	(62063)	(62065)	(62064)	(62065)	(34221)	(34248)

MAR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	<5	<1	<1	<5	<1	<2	<.5	<.5	M	<.5	<.5	M	<2		
JUL															
18...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28	<5	<1	<1	<5	<1	<2	<.5	<.5	<.5	<.5	<.5	E	1	<2	

	beta-	Bisphe-	Broma-	Caf-	Car-	Carba-	Chlor-	Choles-	Cot-	Diazi-	ethoxy-	
Stigmar-	nol A,	cil,	feine,	Camphor	baryl,	water,	zole,	pyrifos	terol,	inine,	DEET,	nonyl-
stanol,	water,	water,	water,	water,	fltrd	water,	water,	water,	water,	water,	water,	phenol,
Date	fltrd,	fltrd,	fltrd,	fltrd,	0.7u GF	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	water,
	ug/L											
(62086)	(62069)	(04029)	(50305)	(62070)	(62860)	(62071)	(38933)	(62072)	(62005)	(62082)	(39572)	(62083)

MAR	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	<2	<1	<.5	.8	.5	<1	<.5	<.5	<2	<1	E.1	<.5	<5	
JUL														
18...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<2	<1	<.5	E.1	M.	<1	<.5	<.5	<2	<1	E.2	<.5	<.5	

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Date	Di-ethoxy-octyl, phenol, water, ug/L (61705)	D-Limo-nene, water, water, ug/L (62073)	Ethoxy-octyl, phenol, water, ug/L (61706)	Fluor-anthene, HHCB, water, ug/L (34377)	Isobor-Indole, neol, water, ug/L (62075)	Iso-propyl, phorone, water, ug/L (62076)	Iso-quinoline, benzene, water, ug/L (62077)	Iso-Menthol, laxyl, water, ug/L (34409)	Iso-oline, water, water, ug/L (62078)	Iso-Menthol, laxyl, water, ug/L (62079)	Iso-oline, water, water, ug/L (62080)	Meta-salicyl, late, water, ug/L (50359)	Methyl ug/L (62081)
MAR													
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	<1	E.1	<1	<.5	M	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5
JUL													
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5
Date	Metola-chlor, water, ug/L (39415)	Naphth-alene, water, ug/L (34443)	p-Cresol, water, ug/L (62084)	Penta-chloro-phenol, water, ug/L (34459)	Phenan-threne, water, ug/L (34462)	Promo-phenol, water, ug/L (34466)	Tetra-chloro-ethene, water, ug/L (04037)	Tri-chloro-bromophane, water, ug/L (34470)	butyl san, water, ug/L (34476)	Tri-phos-ite, water, ug/L (34288)	Triclo-ethyl water, ug/L (62089)	Tri- water, ug/L (62090)	Tri- water, ug/L (62091)
MAR													
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	<.5	<.5	M	<2	<.5	E.3	<.5	<.5	<.5	<.5	<.5	<1	<.5
JUL													
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.5	<.5	M	<2	<.5	E.3	<.5	<.5	<.5	<.5	<.5	<1	<.5
Date	Tri-phenyl butoxy-phos-ethyl, water, ug/L (62092)	Tris(2-chloro-phos-ethyl), water, ug/L (62093)	Tris(2-chloro-phos-ethyl), water, ug/L (62087)	Tris(di-chloro-phate), water, ug/L (62088)	Di-chloro-phate, water, ug/L (38775)	Sam-pler type, code (84164)	Sam-pling method, code (82398)						
MAR													
21...	--	--	--	--	--	3070	10						
21...	--	--	--	--	--	3070	10						
21...	<.5	E.2	<.5	<.5	<1.00	3070	10						
JUL													
18...	--	--	--	--	--	3070	10						
18...	--	--	--	--	--	3070	10						
18...	--	--	--	--	--	3070	70						
28...	<.5	4.6	<.5	<.5	<1.00	3070	70						

Remark codes used in this report:

< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

Value qualifier codes used in this report:

d -- Diluted sample: method hi range exceeded