

## **APALACHICOLA RIVER BASIN 2003 Water Year**

**02336642 SANDY CREEK AT HEDGEWOOD LANE, AT ATLANTA, GA**

**LOCATION.**—Lat 33°45'28", long 84°28'30" referenced to North American Datum (NAD) of 1983, Fulton County, Hydrologic Unit Code 03130002, at culvert on Hedgewood Lane, 0.80 miles upstream of Sandy Creek, and 0.10 miles south of Interstate 20.

**DRAINAGE AREA.**—0.15 mi<sup>2</sup>.

## **COOPERATION.—City of Atlanta.**

## **PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**—March 20, 2003 to July 16, 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

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	Nitrite			Ortho-			Total	E. coli,	Fecal	Total	
	+ Ortho-			phos-			nitro-	Coli-	coli-	coli-	
Date	Ammonia	Nitrate	nitrate	Nitrite	phos-	phate,	Phos-	gen,	lert	form,	form,
	water,	water,	water	water,	water,	phorus,	wat	fltr	Quantr	M-FC	Colert
	fltrd,	fltrd,	fltrd,	fltrd,	water,	fltrd,	water,	by anal	water,	0.7u MF	Barium,
	mg/L	mg/L	mg/L	mg/L	fltrd,	mg/L	fltrd,	ysis,	MPN/	col/	Iron,
	as N	as N	as N	as N	mg/L	as P	mg/L	mg/L	100 mL	100 mL	water,
	(00608)	(00618)	(00631)	(00613)	(00660)	(00671)	(00666)	(62854)	(50468)	(31625)	(50569) (01005) (01046

	Selen-	Stront-	Titan-	Vanad-		Suspnd.	Uranium	Alum-	Anti-	Arsenic
Date	ium,	Silver,	Thall-	ium,	Zinc,	Uranium	sedimnt	bed sed	inum,	mony,
	suspnd	suspnd	suspnd	suspnd	suspnd	conc,	<62.5um	bed sed	bed sed	bed sed
	sedimnt	sedimnt	sedimnt	sedimnt	sedimnt	through	lab,	dry svd	dry svd	dry svd
	total, ug/g (29847)	total, ug/g (29850)	total, ug/g (35040)	total, ug/g (49955)	total, percent (30317)	total, ug/g (29853)	total, ug/g (29855)	total, mg/L (50279)	total, lab,tot (35002)	total, ug/g (34797)
						cntrfug	total, ug/g (35046)	percent (34792)	lab,tot (34797)	total, ug/g (34802)
JUN	--	--	--	--	--	--	--	--	--	--
18...	M	<.5	67	<50	.370	73	210	<50	260	--
18...	--	--	--	--	--	--	--	--	--	--
JUL	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	<50	11	M

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	Barium, bed sed	Beryll- ium, bed sed	Cadmium bed sed	Chrom- bed sed	Cobalt, bed sed	Copper, bed sed	Iron, bed sed	Lead, bed sed	Lithium bed sed	Mangan- ese, bed sed	Mercury denum, bed sed	Molyb- bed sed	Nickel, bed sed
<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	
dry svd	<62.5um	dry svd	<62.5um	dry svd	dry svd	dry svd	dry svd	dry svd	<62.5um	dry svd	<62.5um	dry svd	
Date	total,	lab,tot	total,	lab,tot	total,	total,	total,	total,	lab,tot	total,	lab,tot	total,	
	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	percent	ug/g	ug/g	ug/g	ug/g	ug/g	
(34807)	(34812)	(34827)	(34842)	(34847)	(34852)	(34882)	(34892)	(34897)	(34907)	(34912)	(34917)	(34927)	

JUN	18...	--	--	--	--	--	--	--	--	--	--	--	--	--
	18...	--	--	--	--	--	--	--	--	--	--	--	--	--
	18...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL	16...	--	--	--	--	--	--	--	--	--	--	--	--	--
	16...	--	--	--	--	--	--	--	--	--	--	--	--	--
	16...	790	3	M	39	11	61	2.7	120	58	580	.26	M	18

	Selen- ium, bed sed <62.5um	Silver, bed sed <62.5um	Stront- ium, bed sed <62.5um	Titan- ium, bed sed <62.5um	Vanad- ium, bed sed <62.5um	Zinc, bed sed <62.5um	1- ,4-Di- chloro- benzene	2- Methyl- naphth-	2- Methyl- naphth-	3- beta- naphth-	3- Methyl- Coprostanol	1H- indole,	4-hy- droxy- anisole
Date	lab,tot (34952)	total, (34957)	lab,tot (34967)	lab,tot (34992)	lab,tot (35007)	total, (35022)	fltrd, (34572)	fltrd, (62054)	fltrd, (62055)	fltrd, (62057)	fltrd, (62058)	fltrd, (62059)	wat fil (62059)
	ug/g (34952)	ug/g (34957)	ug/g (34967)	percent (34992)	ug/g (35007)	ug/g (35022)	ug/L (34572)	ug/L (62054)	ug/L (62055)	ug/L (62057)	ug/L (62058)	ug/L (62059)	ug/L (62059)

	5-Meth-											
	4-	4-	4-	4-tert-	yl-1H-	9,10-			Benzo-	beta-	beta-	
Date	Cumyl-	Octyl-	Nonyl-	Octyl-	benzo-	Anthra-	Aceto-	Anthra-	[a]-	Benzo-	Sitos-	Stigma-
	phenol,	phenol,	phenol,	phenol,	tri-	quinone	phenone	AHTN,	cene,	pyrene,	phenone	terol,
	water,	water,	water,	water,	azole,	water,	water,	water,	water,	water,	water,	stanol,
	filtrd,	filtrd,	filtrd,	filtrd,	wat flt	filtrd,	filtrd,	filtrd,	filtrd,	filtrd,	filtrd,	water,
	ug/L											
	(62060)	(62061)	(62085)	(62062)	(62063)	(62066)	(62064)	(62065)	(34221)	(34248)	(62067)	(62068)

	Car-										Dia-	Dia-	
	Bisphe-	Broma-	Caf-	baryl,	Carba-	Chlor-	Choles-	Cot-	Diazi-	ethoxy-	nonyl-	ethoxy-	
Date	nol A,	cil,	feine,	Camphor	water,	zole,	pyrifos	terol,	inine,	DEET,	non,	phenol,	phenol,
	water,	water,	water,	water,	filtrd	water,							
	filtrd,	filtrd,	filtrd,	filtrd,	0.7u GF	filtrd,							
	ug/L												
	(62069)	(04029)	(50305)	(62070)	(82680)	(62071)	(38933)	(62072)	(62005)	(62082)	(39572)	(62083)	(61705)

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Date	D-Limonene, water, ug/L (62073)	Ethoxy-octyl-phenol, water, ug/L (61706)	Fluoranthene, water, ug/L (34377)	Indole, water, ug/L (62075)	Isoborneol, water, ug/L (62076)	Iso-phorone, water, ug/L (62077)	propylbenzene, water, ug/L (34409)	quinoline, water, ug/L (62078)	Menthol, water, ug/L (62079)	Metaxyl, water, ug/L (62080)	salicylate, water, ug/L (50359)	Methylchloroform, water, ug/L (62081)	Methyl ug/L (39415)
JUN													
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.5	<1	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5
JUL													
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	M	<1	M	<.5	M	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.5	M	<2	<.5	.8	<.5	<.5	E.1	<.5	E.1	<1	<.5	E.1
JUL													
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.5	M	<2	M	E.2	<.5	M	E.1.1	<.5	<.5	<1	<.5	M
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
18...	--	--	--	--	3070	10							
18...	--	--	--	--	3070	10							
18...	E.4	E.1	<.5	<1.00	3070	10							
JUL													
16...	--	--	--	--	3070	10							
16...	E.2	M	M	<1.00	3070	10							
16...	--	--	--	--	3070	70							

Remark codes used in this report:

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

Value qualifier codes used in this report:

d -- Diluted sample: method hi range exceeded  
k -- Counts outside acceptable range