

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

**023365212 PROCTOR CREEK TRIBUTARY AT BAKER ROAD, AT ATLANTA, GA**

**LOCATION.**—Lat 33°46'13", long 84°27'27" referenced to North American Datum (NAD) of 1983, Fulton County, Hydrologic Unit Code 03130002, at culvert on Baker Road, 2.0 miles upstream of Proctor Creek, and 0.90 miles east of GA 280.

DRAINAGE AREA.=1.47 mi<sup>2</sup>.

## **COOPERATION.—City of Atlanta.**

## **PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**—March 20, 2003 to July 17, 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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continued.**

	Stront-	Alum-	Mangan-	Chrom-	Alum-	Anti-			
Date	Iron, water,	ium, water,	inum, water,	Zinc, water, water, water,	Cadmium, water, water, water,	Copper, water, water, water,	Lead, Nickel, Silver, water,	suspnd sediment	suspnd sediment
	filtrd, ug/L	filtrd, ug/L	filtrd, ug/L	filtrd, ug/L	filtrd, ug/L	filtrd, ug/L	filtrd, ug/L	total, ug/L	total, ug/g
(01046)	(01080)	(01106)	(01056)	(01090)	(01025)	(01030)	(01040)	(01049)	(01065)
									(01075) (30221) (29816)

APR													
25...	--	--	56	60.6	17	E.03n	<.8	3.8	.83	1.25	<.20	--	--
25...	--	--	--	--	--	--	--	--	--	--	--	13	1.2
25...	210	40	60	<100	--	--	--	--	--	--	--	--	--
JUL													
17...	<100	80	<50	120	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	Eln	143	7	<.04	<.8	1.1	<.08	1.16	<.20	--	--

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continued.**

	Arsenic	Barium	Beryll-	Cadmium	Chrom-	Cobalt	Copper	Iron	Lead	Lithium	Mangan-	Mercury	Molyb-
bed sed	bed sed	ium	bed sed	ium	bed sed	ese	bed sed	denum,					
<62.5um	<62.5um	bed sed	<62.5um	bed sed	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	bed sed	<62.5um	bed sed	
dry svd	dry svd	<62.5um	dry svd	<62.5um	dry svd	<62.5um	dry svd	<62.5um					
lab,	lab,	dry svd	lab,	dry svd	lab,	lab,	lab,	lab,	lab,	dry svd	lab,	dry svd	
Date	total,	total,	lab,tot	total,	lab,tot	total,	total,	total,	total,	lab,tot	total,	lab,tot	
	ug/g	percent	ug/g	ug/g	ug/g								
(34802)	(34807)	(34812)	(34827)	(34842)	(34847)	(34852)	(34882)	(34892)	(34897)	(34907)	(34912)	(34917)	

	Nickel, bed sed	Selen- ium, bed sed	Silver, bed sed	Stront- ium, bed sed	Titan- ium, bed sed	Vanad- ium, bed sed	Zinc, bed sed	1- 1,4-Di- chloro- dry svd	2,6-Di- methyl- dry svd	2- methyl- benzene	3-beta- naphth-	Methyl- naphth-	Copros- tanol	1H- indole
Date	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	lab, dry svd	lab, dry svd	water, benzene	water, alene	water, alene	water, tanol	water, indole
	total,	lab,tot	total,	lab,tot	total,	lab,tot	total,	lab,tot	total,	water, ug/L	water, ug/L	water, ug/L	water, ug/L	water, ug/L
	ug/g	ug/g	ug/g	ug/g	percent	ug/g	ug/g	ug/g	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,
(34927)	(34952)	(34957)	(34967)	(34992)	(35007)	(35022)	(35052)	(34572)	(62054)	(62055)	(62056)	(62057)	(62058)	

APR														
25...	--	--	--	--	--	--	--	--	<.5	<.5	<.5	<.5	<2	<1
25...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL														
17...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	20	.3	<.5	110	.355	73	220	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	<.5	<.5	<.5	<.5	<2	M	

APR														
25...	<2	<1	2.2	E.1	<.5	<1	<.5	<.5	<2	<1	M	E.1	<5	
25...	--	--	--	--	--	--	--	--	--	--	--	--	--	
25...	--	--	--	--	--	--	--	--	--	--	--	--	--	
JUL														
17...	--	--	--	--	--	--	--	--	--	--	--	--	--	
17...	--	--	--	--	--	--	--	--	--	--	--	--	--	
17...	<2	<1	.8	E.1	M	<1	<.5	<.5	<2	<1	E.2	<.5	E2	

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continued.**

Date	Di-ethoxy-octyl, phenol, water, ug/L (61705)	D-Limonene, water, ug/L (62073)	Ethoxy-octyl, phenol, water, ug/L (61706)	Fluoranthene, water, ug/L (34377)	Isobornane, water, ug/L (62075)	Iso-phenol, water, ug/L (62076)	Iso-propylbenzene, water, ug/L (62077)	Iso-quinoline, water, ug/L (34409)	Iso-Menthol, water, ug/L (62078)	Iso-laxyl, water, ug/L (62079)	Methyl salicylate, water, ug/L (62080)	Methyl quinolone, water, ug/L (50359)	Methyl Menthol, water, ug/L (62081)	
APR														
25...	M	<.5	<1	M	<.5	<.5	<.5	<.5	<.5	<.5	M	<.5	<.5	
25...	--	--	--	--	--	--	--	--	--	--	--	--	--	
25...	--	--	--	--	--	--	--	--	--	--	--	--	--	
JUL														
17...	--	--	--	--	--	--	--	--	--	--	--	--	--	
17...	--	--	--	--	--	--	--	--	--	--	--	--	--	
17...	<1	<.5	<1	<.5	<.5	M	<.5	<.5	<.5	<.5	<.5	<.5	<.5	
Date	Metolachlor, water, ug/L (39415)	Naphthalene, water, ug/L (34443)	p-Cresol, water, ug/L (62084)	Penta-chlorophenol, water, ug/L (34459)	Phenanthrene, water, ug/L (34462)	Phenol, water, ug/L (34466)	Promethane, water, ug/L (04037)	Tetra-chloroethene, water, ug/L (34470)	Tri-bromoethane, water, ug/L (34476)	Tri-phosphate, water, ug/L (34288)	Triclosan, water, ug/L (62089)	Triclofuran, water, ug/L (62090)	Tri-ethyl citrate, water, ug/L (62091)	
APR														
25...	<.5	<.5	M	<2	M	E.4	E.1	M	<.5	<.5	M	<1	<.5	
25...	--	--	--	--	--	--	--	--	--	--	--	--	--	
25...	--	--	--	--	--	--	--	--	--	--	--	--	--	
JUL														
17...	--	--	--	--	--	--	--	--	--	--	--	--	--	
17...	--	--	--	--	--	--	--	--	--	--	--	--	--	
17...	<.5	<.5	M	<2	<.5	1.8	<.5	<.5	<.5	<.5	<.5	<1	<.5	
Date	Tri-phenylphosphate, water, ug/L (62092)	Tri-butoxyethylphosphate, water, ug/L (62093)	Tris(2-chlorophenoxyethyl)phosphate, water, ug/L (62087)	Tris(2-chloroethyl)phosphate, water, ug/L (62088)	Tris(di-chlorophenoxy)isopropylphosphate, water, ug/L (38775)	Di-chlorophenoxyvinyl sulfone, water, ug/L (84164)	Samplering type, code							
APR														
25...	M	2.1	E.1	E.1	<1.00	3070	10							
25...	--	--	--	--	--	3070	10							
25...	--	--	--	--	--	3070	10							
JUL														
17...	--	--	--	--	--	3070	10							
17...	--	--	--	--	--	3070	70							
17...	<.5	<.5	<.5	<.5	<1.00	3070	10							

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  
k -- Counts outside acceptable range  
n -- Below the NDV