



Water-Data Report 2008

02336311 PEACHTREE CREEK AT BOHLER ROAD, AT ATLANTA, GA

Apalachicola Basin
Upper Chattahoochee Subbasin

LOCATION.--Lat 33°49'20", long 84°25'45" referenced to North American Datum of 1927, Fulton County, GA, Hydrologic Unit 03130001, at bridge located 2.5 miles upstream of confluence with the Chattahoochee River, 0.35 miles west of Interstate 75, and 3.7 miles east of Interstate 285 (West side of loop).

DRAINAGE AREA.--89.6 mi².

WATER-QUALITY RECORDS

REMARKS.--Medium code WS indicates a surface water sample. Medium code SS indicates a suspended sediment sample. Hydrologic event 9 indicates a routine sample while J designates a storm event sample. Laboratory chemical analyses are from the City of Atlanta Utoy Lab. The U.S. Geological Survey, National Water Quality Laboratory is used to analyze silica, chloride, and sulfate. Laboratory sediment analyses are by the U.S. Geological Survey, Sediment Partitioning Research Laboratory. Field determinations of discharge, specific conductance, pH, water temperature, turbidity, and dissolved oxygen are by the U.S. Geological Survey.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 6

[Remark codes: <, less than; M, presence verified but not quantified. Null value qualifier codes: a, planned measurement was not made; x, result failed quality assurance review.]

Date	Time	Gage height, feet (00065)	Dis-charge, ft ³ /s (00060)	Turb-idity, IR LED light, 90 deg, FNU (63680)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd std units (00400)	Specif-ic conduc-tance, wat unf 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat flt lab, mg/L as CaCO ₃ (29801)
Sep 17...	0800	3.30	4.6	2.3	6.9	7.4	185	21.5	14.3	2.71	--x	--x	130
17...	0800	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 6

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Date	Chlor-ide, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L as SiO ₂ (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L as P (00666)	Phos-phorus, water, unfltrd mg/L as P (00665)	Total nitro-gen, suspnd sedimnt percent (62845)	Phos-phorus, suspnd sedimnt total, percent (30292)	Total carbon, suspnd sedimnt total, percent (30244)
Sep 17...	12.2	9.86	13.3	.620	.06	.470	<.010	<.030	<.030	<.030	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	.25	1.1	2.9

02336311 PEACHTREE CREEK AT BOHLER ROAD, AT ATLANTA, GA—Continued

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Part 3 of 6

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Date	Organic carbon, suspnd sedimnt percent (50465)	E coli, Defined Substr. Tech., MPN/ 100 mL (50468)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)	Alum-inum, water, fltrd, µg/L (01106)	Cadmium, water, fltrd, µg/L (01025)	Chrom-ium, water, fltrd, µg/L (01030)	Copper, water, fltrd, µg/L (01040)	Iron, water, fltrd, µg/L (01046)	Lead, water, fltrd, µg/L (01049)	Mangan-ese, water, fltrd, µg/L (01056)	Nickel, water, fltrd, µg/L (01065)	Silver, water, fltrd, µg/L (01075)	Zinc, water, fltrd, µg/L (01090)
Sep 17...	--	150	5,000	11.0	<.01	--x	1.70	--x	.10	85	1.00	<.018	4.70
17...	3.1	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 6

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Date	Alum-inum, suspnd sedimnt total, percent (30221)	Anti-mony, suspnd sedimnt total, ug/g (29816)	Arsenic, suspnd sedimnt total, ug/g (29818)	Barium, suspnd sedimnt total, ug/g (29820)	Beryll-ium, suspnd sedimnt total, ug/g (29822)	Cadmium, suspnd sedimnt total, ug/g (29826)	Chrom-ium, suspnd sedimnt total, ug/g (29829)	Cobalt, suspnd sedimnt total, ug/g (35031)	Copper, suspnd sedimnt total, ug/g (29832)	Iron, suspnd sedimnt total, percent (30269)	Lead, suspnd sedimnt total, ug/g (29836)	Lithium, suspnd sedimnt total, ug/g (35050)	Mangan-ese, suspnd sedimnt total, ug/g (29839)
Sep 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	9.8	1.8	6.2	720	2	.5	58	20	71	4.9	80	31	2,300

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 6

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Date	Mercury, suspnd sedimnt total, ug/g (29841)	Molyb-denum, suspnd sedimnt total, ug/g (29843)	Nickel, suspnd sedimnt total, ug/g (29845)	Selen-ium, suspnd sedimnt total, ug/g (29847)	Silver, suspnd sedimnt total, ug/g (29850)	Stront-ium, suspnd sedimnt total, ug/g (35040)	Thall-ium, suspnd sedimnt total, ug/g (49955)	Titan-ium, suspnd sedimnt total, percent (30317)	Vana-dium, suspnd sedimnt total, ug/g (29853)	Zinc, suspnd sedimnt total, ug/g (29855)	Uranium, suspnd sedimnt total, ug/g (35046)	Suspnd. sedi-ment, sieve diametr percent <62.5um (70331)	Suspnd. sedimnt conc, flow through cntrfug mg/L (50279)
Sep 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	.13	<4	23	M	<2	93	<200	.620	100	340	<200	7	1

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Part 6 of 6

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nt was not made;

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Date	Sus- pended sedi- ment concen- tration mg/L (80154)
Sep	
17...	--
17...	--