



Water-Data Report 2008

023365218 PROCTOR CREEK TRIBUTARY AT SPRING ROAD, AT ATLANTA, GA

Apalachicola Basin
Middle Chattahoochee-Lake Harding Subbasin

LOCATION.--Lat 33°47'34", long 84°28'08" referenced to North American Datum of 1983, Fulton County, GA, Hydrologic Unit 03130002, at bridge on Spring Road 0.8 miles upstream of confluence with Proctor Creek, 1.5 miles east of Interstate 285, and 2.3 miles north of Interstate 20.

DRAINAGE AREA.--3.11 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 5

[Remark codes: <, less than. 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 (00400)	Specif-ic conduc-tance, wat unfltrd μS/cm 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 fxd end lab, mg/L as CaCO ₃ (29801)
Aug													
22...	1045	3.47	--a	.8	8.3	7.2	174	22.8	12.7	2.35	2.77	7.78	60
22...	1045	--	--	--	--	--	--	--	--	--	--	--	--

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

Part 2 of 5

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

Date	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)	Nitrate water, fltrd, mg/L as N (00618)	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)	Organic carbon, suspnd sedimnt percent (50465)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)
Aug													
22...	.500	.17	.350	.34	.012	<.030	<.030	<.030	--	--	--	--	4,800
22...	--	--	--	--	--	--	--	--	.33	1.5	3.8	3.8	--

023365218 PROCTOR CREEK TRIBUTARY AT SPRING ROAD, AT ATLANTA, GA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 5

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

Date	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)	Alum-inum, suspnd sedimnt total, percent (30221)	Anti-mony, suspnd sedimnt total, ug/g (29816)
Aug 22...	160,000	--x	<.01	.80	--x	--x	.05	28	1.00	<.018	3.00	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	11	1.8

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 5

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

Date	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)	Mercury, suspnd sedimnt total, ug/g (29841)	Molyb-denum, suspnd sedimnt total, ug/g (29843)
Aug 22...	--	--	--	--	--	--	--	--	--	--	--	--	--
22...	5.7	800	3	.7	44	17	70	4.7	140	45	1,700	<.01	<5

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 5

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Date	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. conc, flow through cntrfug mg/L (50279)	Sus-pended sedi-ment concen-tration mg/L (80154)
Aug 22...	--	--	--	--	--	--	--	--	--	--a	--a	--a
22...	23	1	<2	100	<50	.420	82	310	<50	5	3	--