



Water-Data Report 2006

02384550 MILL CREEK AT US 411, AT ETON, GA

Coosa-Tallapoosa Basin
Conasauga Subbasin

LOCATION.--Lat 34°49'08", long 84°45'53" referenced to North American Datum of 1927, Murray County, GA, Hydrologic Unit 03150101, at bridge on US 411, 4.4 miles upstream from confluence with Conasauga River, and 0.3 miles south of Eton.

DRAINAGE AREA.--21.9 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 2005 to October 2005 (discontinued).

REMARKS.--Laboratory analyses with analyzing agency code 81330 are by the Agricultural and Environmental Services Laboratory, College of Agricultural and Environmental Sciences, The University of Georgia, Athens, Georgia. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Time Datum	Agency collecting sample, code	Agency analyzing sample, code (00028)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
Oct													
04...	1230	EST	USGS-WRD	81330	2.82	14	752	6.2	69	7.3	162	27.4	19.8
04...	1235	EST	USGS-WRD	81330	2.82	14	752	6.2	69	7.3	162	27.4	19.8
12...	1200	EST	USGS-WRD	81330	2.79	14	747	6.5	73	7.4	147	24.6	19.9

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 2

[Remark codes: <, less than.]

Date	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, unfltrd mg/L as N (00610)	Nitrite + nitrate water, unfltrd mg/L as N (00630)	Organic nitrogen, water, unfltrd mg/L (00605)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	Fecal coliform, A1broth water, 100mL (31621)
Oct									
04...	.22	<.020	.490	--	.006	.020	10.2	1.0	--
04...	--	--	--	--	--	--	--	--	500
12...	.74	.030	.440	.71	<.006	.030	4.0	1.0	--