



Water-Data Report GA-2005

**02225585 ROCKY CREEK AT LYONS CENTER ROAD, NEAR LYONS, GA**

Altamaha River Basin

**WATER-QUALITY RECORDS**

COOPERATION.--Georgia Environmental Protection Division (GAEPD).

PERIOD OF RECORD.--March 2004 to November 2004 (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. For the water-quality data-collection activity at this station during 2004, if the stream was observed to have insufficient flow, observed to be pooled with no visible flow, or was found to be dry, it was not sampled. The site visit was documented and is presented in the data table coded with parameter 99903 = 9. A stream is defined as "dry" at a station if there is a complete break in the continuity of the cross-section of water perpendicular to the flow that is visible upstream and/or downstream of the cross-section to be sampled.

Date	Time	Time Datum	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
<b>Oct</b>												
05...	1120	EST	1028	81330	>14	772	5.5	62	6.1	55	27.8	21.7
12...	1100	EST	1028	81330	>14	763	5.3	62	6.1	55	26.8	22.4
28...	1055	EST	1028	81330	5.7	769	6.0	64	6.0	52	25.4	18.9
<b>Nov</b>												
03...	1155	EST	1028	81330	2.0	769	4.6	52	6.2	71	30.8	21.4
15...	1520	EST	1028	81330	3.4	773	8.3	78	6.3	71	25.6	12.9
18...	1200	EST	1028	81330	1.1	775	8.4	73	6.1	67	19.7	9.7
29...	1125	EST	1028	81330	>14	770	8.5	77	6.2	57	14.6	11.7

## 02225585 ROCKY CREEK AT LYONS CENTER ROAD, NEAR LYONS, GA—Continued

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2004  
TO SEPTEMBER 2005**

Part 2 of 2

[Remark codes: >, greater than;  
M, presence verified but not  
quantified.]

Date	Hydrogen ion, water, fltrd, calcd, mg/L (00191)	Fecal coliform, A1broth water, MPN/100mL (31621)
<b>Oct</b>		
05...	.001	300
12...	.001	170
28...	.001	170
<b>Nov</b>		
03...	.001	170
15...		300
18...	.001	300
29...	.001	1,100

Date	Time	Time Datum	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
<b>Mar</b>												
30...	1145	EST	1028	81330	.55	764	7.0	72	6.4	55	23.5	16.9
<b>Apr</b>												
07...	0930	EST	1028	81330	.55	761	7.0	69	6.3	53	18.6	15.0
13...	1125	EST	1028	81330	.96	757	6.0	66	6.4	57	25.4	20.0
27...	1145	EST	1028	81330	.38	758	3.4	37	6.4	69	26.7	20.2
<b>Jul</b>												
20...	1000	EST	1028	81330	.26	764	3.6	43	6.4	67	31.2	24.6
27...	0930	EST	1028	81330	--	765	--	--	--	--	29.6	--
<b>Aug</b>												
09...	0910	EST	1028	81330	--	767	--	--	--	--	27.7	--
17...	0845	EST	1028	81330	.22	766	5.2	61	6.2	67	25.8	23.8
<b>Sep</b>												
29...	1215	EST	1028	81330	>14	770	5.9	68	5.9	45	30.3	23.0

## 02225585 ROCKY CREEK AT LYONS CENTER ROAD, NEAR LYONS, GA—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2003 TO**  
**SEPTEMBER 2004**

Part 2 of 2

[Remark codes: >, greater than;  
M, presence verified but not quantified.]

Date	Hydro- gen ion, water, fltrd, calcd, mg/L (00191)	Fecal coli- form, A1broth water, MPN/ 100mL (31621)	USGS Water Science Center special 99903 (99903)
<b>Mar</b>			
30...		40	--
<b>Apr</b>			
07...		110	--
13...		1,300	--
27...		260	--
<b>Jul</b>			
20...		300	--
27...	--	--	9.0
<b>Aug</b>			
09...	--	--	9.0
17...	.001	800	--
<b>Sep</b>			
29...	.001	300	--