

**ALTAMAHA RIVER BASIN
2004 Water Year**

02204110 HONEY CREEK, NEAR LITHONIA, GA

LOCATION.—Lat 33°41'09", long 84°04'49" referenced to North American Datum (NAD) of 1927, DeKalb County, Hydrologic Unit Code 03070103, 0.6 miles east of Turner Hill Road, 1.7 miles southeast of Interstate 20, approximately 4.3 miles northwest of Conyers.

DRAINAGE AREA.—2.80 square miles.

COOPERATION.—Rockdale County Department of Water Resources.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—January 16, 2003 to September 8, 2004 (discontinued).

REMARKS.— Medium code 9 is a surface water sample and 1 is a suspended sediment sample. Hydrologic condition codes represent the stage present during the sample; 9 is for normal, stable stage, 5 is falling, and 4 is for a low, stable stage. Sample type 9 is a regular sample. Hydrologic event code 9 is for a routine sample. Three different sampler types were used at this site, 3001 is a US DH-48 sediment sampler, 3044 is a US DH-81, and 3070 is a grab sample. Sampling method code 10 is for an equal width increment (EWI) sample and 70 for a grab sample. Laboratory chemical analyses with analyzing agency code 80020 are by the U.S. Geological Survey, National Water Quality Laboratory, Denver, CO. Laboratory chemical analyses of biological oxygen demand (BOD-5) during the period of October through September analyzed by the U.S. Geological Survey, Ocala Water-Quality Laboratory and are stored under the analyzing agency code 80020. BOD-5 samples collected during the period of September to current water year were analyzed by Severn-Trent Laboratory, Denver, CO, and are stored under analyzing agency code 80855. Laboratory sediment analyses with analyzing agency code 81350 are by the U.S. Geological Survey, Sediment Partitioning Research Laboratory, Atlanta, GA. Field determinations of discharge, specific conductance, pH, water temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

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Date	Copper, water, fltrd, ug/L (01040)	Lead, water, fltrd, ug/L (01049)	Zinc, water, fltrd, ug/L (01090)	Chloro- phyll a phyto- plank- ton, fluoro, ug/L (70953)	Chloro- phyll b phyto- plank- ton, fluoro, ug/L (70954)	Sus- pended sedi- ment concen- tration mg/L (80154)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)
OCT							
30...	.5	<.08	4.8	E.4	<.1	9	86
DEC							
15...	.7	.08	10.4	E.8d	<.1d	6	92
JAN							
15...	E.3n	E.07n	3.6	E.4d	<.1d	7	70
FEB							
18...	.5	E.07n	7.0	E.4	<.1	5	89
MAR							
11...	.5	.14	5.6	.9d	<.1d	7	67
APR							
06...	1.1	.10	3.4	E.6d	<.1d	4	71
MAY							
27...	--	--	--	E.8d	E.3d	--	--
JUN							
28...	1.5	.20	6.1	E.9d	E.2d	35	94
JUL							
14...	E.4n	<.08	2.7	2.3d	E.4d	8	83
AUG							
04...	E.4n	E.06n	2.3	1.8d	E.2d	11	77
16...	1.3	.26	3.6	1.1d	E.3d	5	91
24...	.8	E.06n	3.4	E.5d	<.1d	6	92
SEP							
08...	1.8	.24	8.4	--	--	--	--
08...	--	--	--	--	--	--	--
08...	--	--	--	--	--	26	62

Remark codes used in this table:

< -- Less than
E -- Estimated value

Value qualifier codes used in this table:

d -- Diluted sample: method hi range exceeded
n -- Below the LRL and above the LT-MDL