

**ALTAMAHA RIVER BASIN
2004 Water Year**

02204770 SNAPPING SHOALS CREEK AT HONEY CREEK ROAD, NEAR CONYERS, GA

LOCATION.—Lat 33°35'25", long 83°59'32" referenced to North American Datum (NAD) of 1927, Rockdale County, Hydrologic Unit 03070103, on upstream side of bridge on Honey Creek Road, 1.4 miles east of GA 20, 1.5 miles west of Pace, and 6.0 miles south of Conyers.

DRAINAGE AREA.—15.1 square miles.

COOPERATION.—Rockdale County Department of Water Resources.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—November 21, 2002, to current year.

REMARKS.— Medium code 9 indicates a surface water sample and medium code 1 indicates a suspended sediment sample. Hydrologic condition 9 indicates baseflow, and 5 indicates falling stage. Sample type 9 indicates a routine sample. Hydrologic event 9 indicates a routine sample. Sampler type code 3001 represents a DH-48, 3044 represents a DH-81, and 3080 represents a VOC hand sampler. Sampling method code 10 indicates Equal-Width-Increment, and 70 indicates grab sample. Laboratory chemical analyses with analyzing agency code 80020 are by the U.S. Geological Survey, National Water Quality Laboratory. Laboratory chemical analysis of Biological Oxygen Demand (BOD-5) during the period of October through September were analyzed by the US Geological Survey, Ocala Water-Quality Laboratory. Biological Oxygen Demand samples collected during the period of September to current water year were analyzed by Severn-Trent Laboratories, Inc.-Denver, and stored under analyzing agency code 80855. Laboratory sediment analyses are by the U.S. Geological Survey, Sediment Partitioning Research Laboratory. Field determinations of discharge, specific conductance, pH, water temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

ALTAMAHA RIVER BASIN
2004 Water Year

**02204770 SNAPPING SHOALS CREEK AT HONEY CREEK ROAD, NEAR CONYERS, GA—
continued.**

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

Date	Time	Medium code	Hydro-logic conditi-	Sample type	Hydro-logic event	Sampler type, code (84164)	Sam-pling method, code (82398)	Agency ana-lyzing sample, code (00028)	Gage height, feet (00065)	Instan-taneous dis-charge, cfs (00061)	Turb-idity, IR LED light, 90 deg, FNU (63680)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf us/cm 25 degC (00095)
OCT 14...	1140	9	9	9	9	3044	10	80020	3.34	11	8.4	6.7	153
NOV 13...	1225	9	9	9	9	3080	70	80020	3.47	14	9.3	6.8	193
DEC 09...	1110	9	9	9	9	3044	10	80020	3.47	16	9.0	6.6	143
JAN 12...	1140	9	9	9	9	3044	10	80020	3.52	14	9.0	6.5	110
FEB 10...	0900	9	8	9	9	3044	10	80020	3.77	27	11	7.4	86
MAR 09...	0930	9	9	9	9	3070	10	80020	3.57	21	9.0	6.6	123
APR 12...	1105	9	9	9	9	3070	70	80020	3.43	14	9.4	6.5	104
MAY 12...	1050	9	9	9	9	3070	70	80020	3.27	9.8	17	6.5	152
13...	0920	9	5	9	9	3044	10	80020	3.98	39	100	6.4	77
JUN 09...	1150	9	5	9	9	3070	70	80020	3.34	15	20	6.6	224
JUL 01...	1100	9	5	9	9	3044	10	80020	5.71	138	98	6.0	137
13...	1035	9	9	9	9	3070	10	80020	3.46	16	11	6.5	196
AUG 11...	0800	9	9	9	9	3070	10	80020	3.30	9.3	7.7	6.2	190
18...	0930	9	9	9	9	3070	10	80855	3.49	17	32	6.3	139
SEP 13...	1130	9	9	9	9	3070	10	80020	3.46	16	11	6.5	127
13...	1131	9	9	9	9	3070	10	80855	3.46	16	11	6.5	127
13...	1132	1	9	9	9	3001	10	81350	3.46	16	11	6.5	127

ALTAMAHAW RIVER BASIN 2004 Water Year

**02204770 SNAPPING SHOALS CREEK AT HONEY CREEK ROAD, NEAR CONYERS, GA—
continued.**

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

ALTAMAHAW RIVER BASIN 2004 Water Year

**02204770 SNAPPING SHOALS CREEK AT HONEY CREEK ROAD, NEAR CONYERS, GA—
continued.**

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

ALTAMAHAW RIVER BASIN 2004 Water Year

**02204770 SNAPPING SHOALS CREEK AT HONEY CREEK ROAD, NEAR CONYERS, GA—
continued.**

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

Date	2,4,6-												3,3'-Di		2-		
	1,3-Di-chloro-benzene	1,4-Di-chloro-benzene	Tri-chloro-phenol,	2,4-Di-chloro-phenol,	2,4-Di-methyl-phenol,	2,4-Di-nitro-phenol,	2,4-Di-nitro-toluene	2,6-Di-nitro-toluene	Chloro-naphthalene	2-Chloro-phenol,	2-nitro-phenol,	2-Methyl-benzo-dine,					
	unfiltrd ug/L (34566)	unfiltrd ug/L (34571)	unfiltrd ug/L (34621)	unfiltrd ug/L (34601)	unfiltrd ug/L (34606)	unfiltrd ug/L (34616)	unfiltrd ug/L (34611)	unfiltrd ug/L (34626)	unfiltrd ug/L (34581)	unfiltrd ug/L (34586)	unfiltrd ug/L (34591)	unfiltrd ug/L (34631)	unfiltrd ug/L (34657)				
OCT 14...	<.1	<.1	Mt	<2	<2.0	<3	<3	<2	<2	<2	<1	<.9mc	<2mc				
NOV 13...	<.1	<.1	<1	<2	<2.0	<3	<1	<2	<1	<1	<1	<.9mc	<2mc				
DEC 09...	<.1	<.1	Mt	<2	<2.0	<3	<1	<2	<1	<1	<1	<.9mc	<2mc				
JAN 12...	<.1	<.1	Mt	<2	<2.0	<3	<1	<2	<1	<1	<1	<.9mc	<2mc				
FEB 10...	<.1	<.1	Mt	<2	<2.0	<3	<1	<2	<1	<1	<1	<.9mc	<2mc				
MAR 09...	<.1	<.1	Mt	<2	<2.0	<3	<1	<2	<1	<1	<1	<.9mc	<2mc				
APR 12...	<.1	<.1	Mt	Mt	<2.0	<3	<1	<2	<1	<1	<1	<.9mc	<2mc				
MAY 12...	<.1	<.1	<1	<2	<2.0	<3	<1	<2	<1	<1	<1	<.9mc	<2mc				
13...	--	--	--	--	--	--	--	--	--	--	--	--	--				
JUN 09...	<.1	<.1	<1	<2	<2.0	<3	<1	<2	<1	<1	<1	<.9mc	<2mc				
JUL 01...	--	--	--	--	--	--	--	--	--	--	--	--	--				
13...	<.1	<.1	<1	<2	<2.0	<3	<1	<2	<1	<1	<1	<.9mc	<2mc				
AUG 11...	<.1	<.1	<1	<2	<2.0	<3	<1	<2	<1	<1	<1	<.9mc	<2mc				
18...	--	--	--	--	--	--	--	--	--	--	--	--	--				
SEP 13...	<.1	<.1	<1	<2	<2.0	<3	<1	<2	<1	<1	<1	<.9mc	<2mc				
13...	--	--	--	--	--	--	--	--	--	--	--	--	--				
13...	--	--	--	--	--	--	--	--	--	--	--	--	--				

ALTAMAHAW RIVER BASIN 2004 Water Year

**02204770 SNAPPING SHOALS CREEK AT HONEY CREEK ROAD, NEAR CONYERS, GA—
continued.**

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

ALTAMAHAW RIVER BASIN 2004 Water Year

**02204770 SNAPPING SHOALS CREEK AT HONEY CREEK ROAD, NEAR CONYERS, GA—
continued.**

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

ALTAMAHAW RIVER BASIN 2004 Water Year

**02204770 SNAPPING SHOALS CREEK AT HONEY CREEK ROAD, NEAR CONYERS, GA—
continued.**

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

ALTAMAHAW RIVER BASIN 2004 Water Year

**02204770 SNAPPING SHOALS CREEK AT HONEY CREEK ROAD, NEAR CONYERS, GA—
continued.**

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

ALTAMAHAW RIVER BASIN 2004 Water Year

**02204770 SNAPPING SHOALS CREEK AT HONEY CREEK ROAD, NEAR CONYERS, GA—
continued.**

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

ALTAMAHA RIVER BASIN 2004 Water Year

**02204770 SNAPPING SHOALS CREEK AT HONEY CREEK ROAD, NEAR CONYERS, GA—
continued.**

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

ALTAMAHAW RIVER BASIN 2004 Water Year

**02204770 SNAPPING SHOALS CREEK AT HONEY CREEK ROAD, NEAR CONYERS, GA—
continued.**

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

ALTAMAHA RIVER BASIN
2004 Water Year

**02204770 SNAPPING SHOALS CREEK AT HONEY CREEK ROAD, NEAR CONYERS, GA—
continued.**

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

Date	Tri-chloro-fluoro-methane water ug/L (34488)	Vinyl chloro-ide, water, ug/L (39175)	Xylenes water, ug/L (81551)	Chlorophyll a phyto-plank-ton, ug/L (70953)	Chlorophyll b phyto-plank-ton, ug/L (70954)	Sus-pended sediment, mg/L (80154)	Sus-pended sediment, mg/L (80155)	Suspnd. diametr percent <.063mm (70331)
OCT 14...	<.2	<.2	<.2	E.7	<.1	12	.36	38
NOV 13...	<.2	<.2	<.2	--	--	--	--	--
DEC 09...	<.2	<.2	<.2	E.9d	<.1d	6	.26	61
JAN 12...	<.2	<.2	<.2	E.5d	<.1d	3	.12	84
FEB 10...	<.2	<.2	<.2	E.3	<.1	6	.48	46
MAR 09...	<.2	<.2	<.2	E.7d	<.1d	5	.30	63
APR 12...	<.2	<.2	<.2	2.3d	E.3d	--	--	--
MAY 12...	<.2	<.2	<.2	E.1d	<.1d	--	--	--
13...	--	--	--	1.2d	E.3d	72	7.6	48
JUN 09...	<.2	<.2	<.2	.4d	E.2d	20	.79	71
JUL 01...	--	--	--	E2.5d	E.4d	101	38	50
13...	<.2	<.2	<.2	1.3d	E.2d	15	.63	63
AUG 11...	<.2	<.2	<.2	E.5d	<.1d	10	.25	86
18...	--	--	--	--	--	10	.46	86
SEP 13...	<.2	<.2	<.2	--	--	9	.37	53
13...	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--

Remark codes used in this table:

< -- Less than

E -- Estimated value

M -- Presence verified, not quantified

Value qualifier codes used in this table:

c -- See laboratory comment

d -- Diluted sample: method hi range exceeded

m -- Value is highly variable by this method

n -- Below the LRL and above the LT-MDL

o -- Result determined by alternate method

t -- Below the long-term MDL

Null value qualifier codes used in this table:

u -- Unable to determine-matrix interference