

**ALTAMAHA RIVER BASIN
2004 Water Year**

02204130 HONEY CREEK AT GA 212, NEAR CONYERS, GA

LOCATION.—Lat 33°34'47", long 84°03'51" referenced to North American Datum (NAD) of 1927, Rockdale County, Hydrologic Unit Code 03070103, 0.4 miles south of confluence with McClane Creek, 10.3 miles southwest of Conyers, and 3.2 miles northwest of State Route 20.

DRAINAGE AREA.—26.0 square miles.

COOPERATION.—Rockdale County Department of Water Resources.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—February 25, 1999 to July 12, 2000, December 5, 2002 to current year.

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, 8 is rising , 7 is the peak, and 5 is a falling stage. Two types of samples are represented in this table, 9 is a regular sample and H is a composite ISCO storm sample. Hydrologic event code 9 is for a routine sample and J represents the ISCO composite storm samples. Three different sampler types were used at this site, 3044 is a US DH-81, 3070 is a grab sample, and 4115 is a automatic point sampler or an ISCO. Sampling method code 10 is for an equal width increment (EWI) sample, 25 for a timed interval sample, 50 for a point 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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WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	End date	Time	End time	Medium code	Hydro-logic condition	Sample type	Hydro-logic event	Sampler type, code (84164)	Sam-pling method, code (82398)	Agency ana-lyzing sample, code (00028)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Specif.
													conductance, wat unf us/cm 25 degC (00095)
OCT 20...	--	0850	--	9	9	9	9	3070	10	80020	1.84	14	70
OCT 26-27	20031027	1600	1100	9	8	H	J	4115	25	80020	--	--	51
DEC 10-11	20031211	0730	0700	9	8	H	J	4115	25	80020	--	--	51
DEC 16...	--	1020	--	9	5	9	9	3070	10	80020	2.36	36	58
JAN 14...	--	0940	--	9	9	9	9	3070	10	80020	2.21	31	63
FEB 09...	--	1210	--	9	9	9	9	3070	10	80020	2.69	45	52
MAR 08...	--	1215	--	9	9	9	9	3070	10	80020	2.35	29	59
MAR 30-31	20040331	0300	1000	9	8	H	J	4115	50	80020	--	--	60
MAR 30-30	20040330	0900	0930	9	9	H	J	3070	10	80020	2.28	26	63
APR 08...	--	0800	--	9	9	9	9	3070	10	80020	2.14	21	64
APR 14...	--	0910	--	9	5	9	9	3070	10	80020	2.30	27	58
APR 30-MAY 03	20040503	2345	0600	9	8	H	J	4115	50	80020	--	--	54
MAY 27...	--	0830	--	9	9	9	9	3070	70	80020	1.85	12	81
JUN 07-10	20040610	2000	0700	9	8	H	J	4115	50	80020	--	--	69
JUN 22...	--	0840	--	9	5	9	9	3070	10	80020	2.08	19	63
JUN 23...	--	0810	--	9	5	9	9	3070	10	80020	3.76	116	40
JUL 15...	--	0850	--	9	9	9	9	3070	10	80020	1.98	16	74
AUG 05...	--	0930	--	9	9	9	9	3044	10	80020	1.88	9.5	79
AUG 12-13	20040813	0920	0545	9	8	H	J	4115	50	80020	--	--	39
AUG 12...	--	1000	--	9	8	9	9	3044	10	80020	3.14	68	46
AUG 12...	--	1200	--	9	8	9	9	3044	10	80020	4.20	156	50
SEP 07-07	20040907	0230	1200	9	8	H	J	4115	50	80020	--	--	--
SEP 07-07	20040907	0231	1201	9	7	H	J	4115	50	80855	--	--	--
SEP 07-07	20040907	0232	1202	1	7	H	J	4115	50	81350	--	--	--

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02204130 HONEY CREEK AT GA 212, NEAR CONYERS, GA—continued.

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Date	Ammonia org-N, unfltrd mg/L (00625)	Ammonia as N (00608)	Ortho- phos- phate, water, unfltrd mg/L (00671)	Phos- phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Cadmium ug/L (01025)	Copper, water, unfltrd ug/L (01040)	Lead, water, unfltrd ug/L (01049)	Zinc, water, unfltrd ug/L (01090)	plank- ton, filtrd, ug/L (70953)	Chloro- phyll a phyto- plank- ton, filtrd, ug/L (70954)	Chloro- phyll b phyto- plank- ton, filtrd, ug/L (70954)	Sus- pended sediment, concen- tration mg/L (80154)	Suspnd. sieve diameter <.063mm (70331)
OCT 20...	.22	.050	.044	.082	2.4	--	.6	<.08	1.7	E.4	<.1	3	65	
OCT 26-27	1.1	<.010	<.006	.37oc	17.9	E.03n	1.3	.09	2.0	--	--	1720	9	
DEC 10-11	--	--	--	--	5.7	<.04	.7	.12	1.4	--	--	79	38	
16...	.22	.079	E.003n	.026	1.8	--	.5	E.05n	1.9	1.2d	<.1d	6	59	
JAN 14...	.22	.057	.009	.043	2.1	--	.5	E.06n	2.2	E.5d	<.1d	5	55	
FEB 09...	.20	.040	E.005n	.035	2.0	--	E.3n	<.08	<.6	E1.0	E.2	11	52	
MAR 08...	.21	.028	.011	.039	2.0	--	.4	<.08	1.9	E.8d	<.1d	6	61	
MAR 30-31	.26	E.009n	E.005n	.066	4.4	<.04	.6	<.08	2.4	--	--	23	41	
MAR 30-30	.28	.042	.010	.066	3.0	<.04	1.0	.12	2.5	1.4d	E.2d	11	55	
APR 08...	.22	.034	.018	.058	2.1	--	.5	<.08	1.3	1.4d	<.1d	5	58	
14...	.26	.057	.013	.048	2.9	--	.5	E.07n	1.6	--	--	13	45	
APR 30-														
MAY 03	.73	.089	<.006	.079	9.7	<.04	1.0	.10	2.6	--	--	79	65	
27...	--	--	--	--	--	--	--	--	--	<.1d	<.1d	--	--	
JUN 07-10	.37	<.010	.025	.103	5.7	<.04	1.0	<.08	1.6	--	--	23	52	
22...	.32	.055	.035	.090	4.1	--	.6	E.04n	1.2	.5d	<.1d	281	73	
23...	1.1	.031	E.004n	.27oc	11.1	<.04	1.0	.21	1.6	2.5d	E.3d	23	68	
JUL 15...	.21	.033	.036	.069	2.7	<.04	.5	E.06n	.9	--	--	8	86	
AUG 05...	.19	.031	.055	.094	2.7	--	.5	.25	1.2	E.9d	<.1d	11	50	
AUG 12-13	1.1	E.006n	E.003n	.24oc	15.9	<.04	1.2	.15	1.2	--	--	--	--	
12...	1.1	.052	.019	.28oc	14.5	--	14.1	.48	2.5	7.0d	1.4d	437	80	
12...	1.4	.029	E.005n	.21oc	18.5	--	.9	.12	.9	--	--	379	83	
SEP 07-07	<.10	E.005n	<.006	E.003n	--	--	--	--	--	--	--	--	--	
SEP 07-07	--	--	--	--	--	--	--	--	--	--	--	--	--	
SEP 07-07	--	--	--	--	--	--	--	--	--	--	--	6300	1	

Remark codes used in this table:

< -- Less than
E -- Estimated value

Value qualifier codes used in this table:

c -- See laboratory comment
d -- Diluted sample: method hi range exceeded
n -- Below the LRL and above the LT-MDL
o -- Result determined by alternate method