

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336644 SANDY CREEK AT BOLTON ROAD, NEAR ATLANTA, GA

LOCATION.—Lat 33°46'46", long 84°29'58" referenced to North American Datum (NAD) of 1927, Fulton County, Hydrologic Unit Code 03130002, on the right bank of bridge on Bolton Road, 1.8 miles upstream of the Chattahoochee River, 0.2 miles west of Interstate 285, and 0.5 miles south of US 78.

DRAINAGE AREA.—5.15 square miles.

COOPERATION.—City of Atlanta.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—February 7, 2000 to December 11, 2000; August 21, 2003 to current year.

REMARKS.—Medium code 9 indicates a surface water sample. Medium code 1 indicates a suspended sediment sample. Samples with no medium code are surface water. Hydrologic event 9 indicates a routine sample while J designates a storm event sample. Laboratory chemical analyses with analyzing agency code 80020 are by the U.S. Geological Survey, National Water Quality Laboratory. Laboratory chemical analyses with analyzing code 81345 are by the U.S. Geological Survey, Panola Mountain Laboratory. Laboratory sediment analyses with analyzing code 81350 are by the U.S. Geological Survey, Sediment Partitioning Research Laboratory. Field determinations of discharge, specific conductance, pH, water temperature, turbidity, and dissolved oxygen are by the U.S. Geological Survey.

APALACHICOLA RIVER BASIN
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02336644 SANDY CREEK AT BOLTON ROAD, NEAR ATLANTA, GA—continued.

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

Date	Time	End time	Medium code	Hydro-logic event	Agency analyzing sample, (00028)	Gage height, feet (00065)	Dis-charge, cfs (00060)	Turb-idity, IR LED	Baro-light, 90 deg, FNU (63680)	Dis-solved pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, field, (00400)	water, unfltrd std units (00400)	Specif. conductance, wat unf 25 degC (00095)	
								det ang					unfltrd			
OCT																
21...	0745	--	9	9	81345	1.93	2.2	1.6	746	7.2	71	6.9	6.9	163		
21...	0755	--	9	9	81345	1.95	2.4	1.1	746	7.0	69	6.9	6.9	163		
JAN																
13...	1400	--	9	9	81345	1.85	3.2	3.6	--	9.2	--	6.9	6.9	148		
13...	1405	--	9	9	81345	1.85	3.2	3.3	--	9.1	--	6.9	6.9	148		
FEB																
03...	1335	--	9	J	81345	2.09	9.2	24	748	10.6	93	6.8	6.8	130		
03...	1400	--	9	J	81345	2.20	14	27	748	10.6	93	6.8	6.8	129		
FEB	12-12	0930	0945	9	J	81345	2.58	39	150	743	11.8	100	6.8	72		
FEB	12-12	0955	1000	9	J	81345	2.40	26	140	743	11.8	100	6.8	72		
FEB	12-12	1100	1115	9	J	81345	2.49	32	120	746	11.5	98	6.8	84		
FEB	12-12	1115	1120	9	J	81345	2.39	25	120	746	11.5	97	6.8	84		
MAR																
10...	0915	--	9	9	81345	1.83	3.0	2.7	747	11.6	100	7.4	7.4	157		
10...	0930	--	9	9	81345	1.83	3.0	4.0	747	11.9	103	7.2	7.2	157		
APR																
01...	0900	--	9	9	81345	1.81	3.4	7.3	743	10.0	91	7.0	7.0	149		
01...	0915	--	9	9	81345	1.81	3.4	6.1	743	9.9	90	7.0	7.0	149		
13...	1030	--	9	J	81345	3.19	97	80	740	8.4	86	6.9	6.9	90		
13...	1045	--	9	J	81345	3.18	96	90	740	8.5	87	6.9	6.9	90		
MAY																
12...	0800	--	9	9	81345	1.74	2.5	3.0	--	6.9	--	7.3	7.3	166		
12...	0815	--	9	9	81345	1.74	2.5	2.5	--	6.8	--	7.3	7.3	166		
27...	0830	--	9	9	81345	1.71	2.2	2.1	746	7.1	81	7.1	7.1	158		
27...	0835	--	9	9	81345	1.71	2.2	2.3	746	7.1	82	7.1	7.1	158		
JUN																
23...	0740	--	9	9	81345	1.97	5.5	13	749	6.7	79	7.1	7.1	114		
23...	0745	--	9	9	81345	1.97	5.5	12	749	6.7	79	7.1	7.1	114		
AUG																
16...	1125	--	9	J	81345	1.91	3.2	50	751	7.2	84	6.8	6.8	107		
SEP	07-07	0750	0800	9	J	81345	2.94	65	140	736	7.7	--	7.5	56		

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02336644 SANDY CREEK AT BOLTON ROAD, NEAR ATLANTA, GA—continued.

Date	Noncarb										Alka-						
	Hard-		Magnes-		Potas-		Sodium		Sodium,		wat flt		Chlor-				
	Temper-	ness,	wat flt	Calcium	ium,	sium,	Sodium	Sodium,	Sodium,	Sodium,	Gran,	Bromide	ide,	Silica,			
	ature,	water,	lab,	water,	water,	water,	adsorp-	water,	water,	water,	lab,	water,	water,	water,			
	water,	mg/L as	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	mg/L	mg/L					
	deg C	CaCO ₃	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	(00010)	(00900)					
		(00010)		(00905)		(00915)		(00925)		(00935)		(00931)		(00930)		(00932)	
OCT																	
21...	13.5	46	.0	13.9	2.77	3.22	.7	11.6	33	45.2	.1	11.4	22.1				
21...	13.5	47	1	14.1	2.79	3.22	.7	11.5	33	45.5	<.02	11.4	22.6				
JAN																	
13...	9.5	52	12	14.4	3.95	3.22	.6	9.39	27	40.1	M	14.6	13.6				
13...	9.5	--	--	--	5.46	4.11	--	14.7	--	--	--	.2	17.6	19.5			
FEB																	
03...	9.0	--	--	--	2.32	2.73	--	6.76	--	--	<.02	8.15	15.0				
03...	9.0	39	10	11.9	2.30	2.66	.5	6.68	25	29.7	<.02	8.16	14.6				
FEB	12-12	7.0	22	7	7.03	1.14	2.25	.2	2.14	16	15.6	<.02	2.14	5.43			
FEB	12-12	7.0	--	--	--	1.20	2.50	--	2.65	--	--	<.02	2.20	5.50			
FEB	12-12	7.5	27	8	8.36	1.37	2.47	.2	2.49	15	18.6	<.02	2.75	7.02			
FEB	12-12	7.0	--	--	--	1.44	2.57	--	2.89	--	--	<.02	2.81	7.23			
MAR																	
10...	8.0	--	--	--	3.59	2.99	--	10.1	--	--	<.02	11.1	15.0				
10...	8.0	53	12	15.9	3.15	2.68	.6	9.21	26	40.9	<.02	10.9	20.4				
APR																	
01...	10.0	48	9	14.6	2.88	2.98	.6	9.01	27	39.4	.1	8.80	20.2				
01...	10.0	--	--	--	2.72	2.93	--	8.67	--	--	.1	8.93	18.8				
13...	15.0	29	6	9.08	1.41	3.15	.3	3.60	19	22.8	<.02	3.15	8.77				
13...	15.0	28	4	8.98	1.36	3.15	.3	3.72	20	23.7	<.02	3.36	8.64				
MAY																	
12...	19.0	48	5	14.4	2.90	3.43	.7	11.2	32	43.0	.1	11.2	22.5				
12...	19.0	--	--	--	3.03	3.25	--	10.2	--	--	.1	11.9	23.8				
27...	21.0	44	2	13.2	2.60	3.26	.7	10.7	33	41.4	.1	10.7	21.1				
27...	21.5	--	--	--	2.92	3.09	--	10.0	--	--	.1	10.6	24.0				
JUN																	
23...	22.5	35	4	10.8	1.92	3.13	.5	6.16	26	30.8	M	5.8	14.8				
23...	22.5	35	4	11.0	1.83	3.06	.5	6.26	26	30.9	M	5.9	14.5				
AUG																	
16...	22.0	35	9	11.0	1.72	3.46	.3	4.59	20	26.1	M	4.1	12.7				
SEP																	
07-07	21.5	--	--	--	--	--	--	--	--	--	14.7	<.02	1.40	--			

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02336644 SANDY CREEK AT BOLTON ROAD, NEAR ATLANTA, GA—continued.

Date	Residue water, fltrd,			Ammonia water, fltrd,			Nitrate water, fltrd,			Ortho- phosphate, water, fltrd,			Phos- phorus, water, fltrd,			Total nitro- gen, wat flt by anal	E coli, Defined Substr.	Fecal coli- form, M-FC 0.7u MF
	Sulfate water, mg/L (00945)	sum of consti- tuents mg/L (70301)	Residue tons/ acre-ft (70303)	Ammonia water, mg/L (71846)	Nitrate mg/L (00608)	Nitrite as N (00618)	Ortho- phate, mg/L (00613)	Phos- phorus, mg/L (00660)	Phos- phorus, mg/L (00671)	Ortho- phate, mg/L (00666)	Phos- phorus, mg/L (62854)	Total MPN/ 100 mL (50468)	E coli, 100 mL (31625)					
OCT																		
21...	14.5	109	.15	.23	.176	.47	<.020	--	<.100	<.10	.83	640	1800k					
21...	14.6	110	.15	.22	.170	.46	<.020	--	<.100	<.10	.80	--	--					
JAN																		
13...	13.7	105	.14	.03	.026	1.56	<.020	--	<.100	<.10	.89	170	80k					
13...	35.2	--	--	--	<.020	--	.030	--	<.100	<.10	.67	--	--					
FEB																		
03...	15.4	--	--	.06	.050	--	<.020	--	<.100	<.10	1.05	--	--					
03...	15.3	83	.11	.06	.050	.86	<.020	--	<.100	<.10	1.13	910	230k					
FEB	12-12	8.7	41	.06	.06	.044	.62	<.020	--	<.100	<.10	.90	6100	4500				
FEB	12-12	8.8	--	--	.08	.062	--	<.020	--	<.100	<.10	.95	--	--				
FEB	12-12	10.5	49	.07	.05	.038	.71	<.020	--	<.100	<.10	1.03	5200	3500				
FEB	12-12	10.7	--	--	.04	.033	--	<.020	--	<.100	<.10	.99	--	--				
MAR																		
10...	16.8	--	--	--	<.020	--	<.020	--	<.100	<.10	1.04	--	--					
10...	16.8	106	.14	--	<.020	.51	<.020	--	<.100	<.10	.72	180	69					
APR																		
01...	14.6	100	.14	.15	.120	.54	<.020	--	<.100	<.10	.63	840	430					
01...	14.8	--	--	.14	.110	--	<.020	--	<.100	<.10	.64	--	--					
13...	8.9	54	.07	.10	.076	.43	<.020	--	<.100	<.10	.89	--	--					
13...	9.3	55	.07	.12	.091	.44	<.020	--	<.100	<.10	.81	13000	10000					
MAY																		
12...	13.8	109	.15	.30	.230	.63	.040	--	<.100	<.10	1.09	860	580					
12...	14.9	--	--	.36	.283	--	.090	--	<.100	<.10	1.03	--	--					
27...	13.1	102	.14	.06	.049	.52	.040	--	<.100	<.10	.82	260	550					
27...	12.7	--	--	.06	.046	--	.040	--	<.100	<.10	.73	--	--					
JUN																		
23...	9.3	72	.10	--	<.010	.34	<.010	--	<.050	<.050	--	--	--					
23...	9.3	72	.10	--	<.010	.34	<.010	--	<.050	<.050	.75	870	2600					
AUG																		
16...	11.5	67	.09	--	--	.57	<.010	--	--	--	--	--	--					
SEP																		
07-07	6.6	--	--	--	<.020	.41	.020	.337	.110	.16	--	21000	32000					

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02336644 SANDY CREEK AT BOLTON ROAD, NEAR ATLANTA, GA—continued.

Date	Total coli- form, Defined Tech., MPN/ 100 mL	Iron, water, fltrd,	Stront- ium, water, fltrd, ug/L
	(50569)	(01046)	(01080)
OCT			
21...	240000	170	70
21...	--	130	70
JAN			
13...	2000	240	70
13...	--	<100	120
FEB			
03...	--	<100	60
03...	5100	<100	60
FEB			
12-12	8680	120	30
FEB			
12-12	--	120	40
FEB			
12-12	117000	130	40
FEB			
12-12	--	120	40
MAR			
10...	--	120	100
10...	3000	<100	90
APR			
01...	12000	170	80
01...	--	170	80
13...	--	140	50
13...	310000	140	50
MAY			
12...	17000	300	80
12...	--	160	90
27...	15000	<100	80
27...	--	<100	80
JUN			
23...	--	120	60
23...	55000	<50	60
AUG			
16...	--	<50	50
SEP			
07-07	1200000	--	--

APALACHICOLA RIVER BASIN
2004 Water Year

02336644 SANDY CREEK AT BOLTON ROAD, NEAR ATLANTA, GA—continued.

Date	Time	End time	Medium code	Hydro-logic event	Agency analyzing sample, code (00028)	Gage height, feet (00065)	Discharge, cfs (00060)	Turbidity, IR LED light, 90 deg FNU (63680)	Baro-metric pressure, mm Hg (00025)	Disolved oxygen, mg/L (00300)	Unfltrd field, std units (00400)	pH, water, wat 25 degC (00095)	Specif. condac- tance, uS/cm (00010)	Temperature, water, deg C (00010)	
								det ang				mg/L			
OCT															
21...	0746	--	9	9	80020	1.93	2.2	1.6	746	7.2	6.9	163	13.5		
21...	0756	--	9	9	80020	1.95	2.4	1.1	746	7.0	6.9	163	13.5		
JAN															
13...	1401	--	9	9	80020	1.85	3.2	3.6	--	9.2	6.9	148	9.5		
13...	1406	--	9	9	80020	1.85	3.2	3.3	--	9.1	6.9	148	9.5		
FEB															
03...	1336	--	9	J	80020	2.09	9.2	24	748	10.6	6.8	130	9.0		
03...	1401	--	9	J	80020	2.20	14	27	748	10.6	6.8	129	9.0		
FEB	12-12	0931	0946	9	J	80020	2.58	39	150	743	11.8	6.8	72	7.0	
FEB	12-12	0956	1001	9	J	80020	2.40	26	140	743	11.8	6.8	72	7.0	
FEB	12-12	1101	1116	9	J	80020	2.49	32	120	746	11.5	6.8	84	7.5	
FEB	12-12	1116	1121	9	J	80020	2.39	25	120	746	11.5	6.8	84	7.0	
MAR															
10...	0916	--	9	9	80020	1.83	3.0	2.7	747	11.6	7.4	157	8.0		
10...	0931	--	9	9	80020	1.83	3.0	4.0	747	11.9	7.2	157	8.0		
APR															
01...	0901	--	9	9	80020	1.81	3.4	7.3	743	10.0	7.0	149	10.0		
01...	0916	--	9	9	80020	1.81	3.4	6.1	743	9.9	7.0	149	10.0		
13...	1031	--	9	J	80020	3.19	97	80	740	8.4	6.9	90	15.0		
13...	1046	--	9	J	80020	3.18	96	90	740	8.5	6.9	90	15.0		
MAY															
12...	0801	--	9	9	80020	1.74	2.5	3.0	--	6.9	7.3	166	19.0		
12...	0816	--	9	9	80020	1.74	2.5	2.5	--	6.8	7.3	166	19.0		
27...	0831	--	9	9	80020	1.71	2.2	2.1	746	7.1	7.1	158	21.0		
27...	0836	--	9	9	80020	1.71	2.2	2.3	746	7.1	7.1	158	21.5		
JUN															
23...	0741	--	9	9	80020	1.97	5.5	13	749	6.7	7.1	114	22.5		
23...	0746	--	9	9	80020	1.97	5.5	12	749	6.7	7.1	114	22.5		
AUG															
16...	1126	--	9	J	80020	1.91	3.2	50	751	7.2	6.8	107	22.0		
16...	1131	--	9	J	80020	1.91	3.2	50	751	7.1	6.8	107	22.0		
SEP	07-07	0751	0801	9	J	80020	2.94	65	140	E736	7.7	7.5	56	21.5	

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02336644 SANDY CREEK AT BOLTON ROAD, NEAR ATLANTA, GA—continued.

Date		Alum- inum, water, fltrd, ug/L (01106)	Cadmium water, fltrd, ug/L (01025)	Chrom- ium, water, fltrd, ug/L (01030)	Copper, water, fltrd, ug/L (01040)	Lead, water, fltrd, ug/L (01049)	Mangan- ese, water, fltrd, ug/L (01056)	Nickel, water, fltrd, ug/L (01065)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)
OCT										
21...	3	<.04	<.8	.8	E.05n	148	.77	<.2	3.8	
21...	3	<.04	<.8	.8	.09	165	.72	<.2	4.1	
JAN										
13...	2	<.04	<.8	.8	E.05n	--	.88	<.2	--	
13...	2	<.04	<.8	.9	<.08	--	1.15	<.2	--	
FEB										
03...	5	E.03n	<.8	1.8	.15	--	.75	<.2	--	
03...	6	E.03n	<.8	1.6	.14	--	.64	<.2	--	
FEB										
12-12	51	E.03n	<.8	2.8	.40	--	.63	<.2	--	
FEB										
12-12	61	E.02n	<.8	2.7	.42	--	.63	<.2	--	
FEB										
12-12	44	E.03n	<.8	2.9	.44	--	.68	<.2	--	
FEB										
12-12	41	E.03n	<.8	2.8	.36	--	.67	<.2	--	
MAR										
10...	2	<.04	<.8	1.0	E.04n	--	.63	<.2	--	
10...	2	<.04	<.8	1.0	E.04n	--	.61	<.2	--	
APR										
01...	4	M	<.8	M	M	130	M	<.20	M	
01...	4	E.02n	<.8	1.7	.17	--	.75	<.2	--	
13...	21	E.04n	<.8	3.4	.70	48.8	.85	<.2	9.5	
13...	22	E.02n	<.8	3.3	.71	50.9	.90	<.2	8.9	
MAY										
12...	13	<.04	<.8	1.0	.10	--	2.08	<.2	--	
12...	3	.12	<.8	1.1	.09	--	1.75	<.2	--	
27...	2	<.04	<.8	1.1	E.07n	103	.46	<.2	2.8	
27...	2	<.04	<.8	1.0	E.07n	--	1.02	<.2	--	
JUN										
23...	4	<.04	<.8	2.3	.18	--	.61	<.2	--	
23...	4	<.04	<.8	1.9	.14	--	.61	<.2	--	
AUG										
16...	9	E.03n	<.8	2.7	.23	--	.87	<.2	--	
16...	11	E.02n	<.8	2.6	.50	--	.86	<.2	--	
SEP										
07-07	26	E.02n	<.8	3.8	.42	--	.70	<.2	--	

Date	Time	Medium code	End time	Hydro- logic event	Agency ana- lyzing sample, code (00028)	Gage height, feet (00065)	Dis- charge, cfs (00060)	Turb- idity, IR LED light, 90 deg, FNU (63680)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfiltrd field, std units (00400)	Specif. conduct- tance, wat unf uS/cm (00095)
OCT													
21...	0746	9	--	9	80020	1.93	2.2	1.6	746	7.2	71	6.9	163
JAN													
13...	1401	9	--	9	80020	1.85	3.2	3.6	--	9.2	--	6.9	148
FEB													
03...	1401	9	--	J	80020	2.20	14	27	748	10.6	93	6.8	129
FEB													
12-12	0931	9	0946	J	80020	2.58	39	150	743	11.8	100	6.8	72
FEB													
12-12	1101	9	1116	J	80020	2.49	32	120	746	11.5	98	6.8	84
MAR													
10...	0931	9	--	9	80020	1.83	3.0	4.0	747	11.9	103	7.2	157
APR													
01...	0901	9	--	9	80020	1.81	3.4	7.3	743	10.0	91	7.0	149
13...	1046	9	--	J	80020	3.18	96	90	740	8.5	87	6.9	90
MAY													
12...	0801	9	--	9	80020	1.74	2.5	3.0	--	6.9	--	7.3	166
27...	0831	9	--	9	80020	1.71	2.2	2.1	746	7.1	81	7.1	158
JUN													
23...	0746	9	--	9	80020	1.97	5.5	12	749	6.7	79	7.1	114
AUG													
16...	1131	9	--	J	80020	1.91	3.2	50	751	7.1	82	6.8	107
SEP													
07-07	0751	9	0801	J	80020	2.94	65	140	E736	7.7	--	7.5	56

APALACHICOLA RIVER BASIN
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02336644 SANDY CREEK AT BOLTON ROAD, NEAR ATLANTA, GA—continued.

Date	1,4-Di-chloro-benzene water, deg C (00010)	Methyl-naphth-alene, water, ug/L (34572)	1- methyl- naphth- alene, water, ug/L (62054)	2,6-Di-methyl- naphth- alene, water, ug/L (62055)	Methyl-naphth- alene, water, ug/L (62056)	3-beta-Copros- tanol, water, ug/L (62057)	Methyl- 1H-indole, water, ug/L (62058)	3-tert-Butyl- 4-hydroxy- anisole wat flt ug/L (62059)	4-Cumyl- phenol, water, ug/L (62050)	4-Octyl- phenol, water, ug/L (62060)	4-Nonyl- phenol, water, ug/L (62061)	4-tert-Octyl- phenol, water, ug/L (62085)	5-Meth-yl-1H- benzo- azole, water, ug/L (62062)
OCT 21...	13.5	<.5	<.5	<.5	<.5	M	M	<5	<1	<1	E2	M	<2
JAN 13...	9.5	E.1	<.5	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2
FEB 03...	9.0	<.5	<.5	<.5	<.5	<2	<1	<5	<1	<1	E1	<1	<2
FEB 12-12	7.0	<.5	<.5	<.5	<.5	E1	<1	<5	<1	<1	E1	<1	<2
FEB 12-12	7.5	<.5	<.5	<.5	<.5	M	<1	<5	<1	<1	E2	<1	<2
MAR 10...	8.0	<.5	<.5	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2
APR 01...	10.0	<.5	<.5	<.5	<.5	<2	M	<5	<1	<1	E1	<1	<2
APR 13...	15.0	<.5mc	<.5	<.5	<.5	<2	M	<5mc	<1	<1	Mmc	<1	<2
MAY 12...	19.0	<.5	<.5	<.5	<.5	M	M	<5	<1	<1	M	<1	<2
MAY 27...	21.0	<.5	<.5	<.5	<.5	<2	M	<5	<1	<1	<5	<1	<2
JUN 23...	22.5	E.1	<.5	<.5	<.5	E1	M	<5	<1	<1	E2	<1	<2
AUG 16...	22.0	<.5	<.5	<.5	<.5	Mt	Mt	<5	<1	<1	Mt	<1	<2
SEP 07-07	21.5	<.5	<.5	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2
Date	9,10-Anthra-quinone water, ug/L (62066)	Aceto-phenone water, ug/L (62064)	AHTN, water, ug/L (62065)	Anthra-cene, water, ug/L (34221)	Benzo-[a]-pyrene, water, ug/L (34248)	Benzo-phenone water, ug/L (62067)	beta-Sitos-terol, water, ug/L (62068)	beta-Stigmaranol A, water, ug/L (62086)	Bisphe-nol A, water, ug/L (62069)	Bromo-cil, water, ug/L (04029)	Caf-eine, water, ug/L (50305)	Camphor water, ug/L (62070)	Car-baryl, water, ug/L (82680)
OCT 21...	<.5	<.5	E.1	<.5	<.5	E.1	<2	<2	<1	<.5	.6	<.5	<1
JAN 13...	<.5	<.5	M	<.5	<.5	E.1	<2	<2	<1	--	M	M	<1
FEB 03...	E.1	E.1	M	M	<.5	E.1	<2	<2	<1	--	E.2	M	<1
FEB 12-12	E.1	<.5	M	M	<.5	E.1	E1	M	M	--	E.1	M	<1
FEB 12-12	E.1	E.1	M	M	<.5	E.1	<2	<2	M	--	E.1	M	<1
MAR 10...	<.5	<.5	<.5	<.5	<.5	M	<2	<2	<1	--	M	M	<1
APR 01...	E.7	<.5	E.1	<.5	<.5	M	<2	<2	M	--	E.2	E.1	<1
APR 13...	E.1	<.5	M	M	<.5	E.1	<2	<2	<1	<.5	E.2	E.1	Mmc
MAY 12...	<.5	<.5	E.1	<.5	<.5	E.1	<2	<2	M	--	E.3	E.1	<1
MAY 27...	<.5	<.5	E.1	<.5	<.5	<.5	<2	<2	<1	.7	<.5	E.1	<1
JUN 23...	E.2	<.5	M	<.5	<.5	E.1	<2	2	M	--	E.2	M	M
AUG 16...	E.1t	<.5	<.5	Mt	<.5	E.1t	Mt	<2	Mt	--	E.1t	Mt	Mt
SEP 07-07	E.1t	<.5	<.5	<.5	<.5	<.5	<.5	<2	Mt	--	<.5	<.5	Mt

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02336644 SANDY CREEK AT BOLTON ROAD, NEAR ATLANTA, GA—continued.

Date	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos, water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd, ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd, ug/L (61706)	Fluor- anthene, water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)
OCT 21...	<.5	<.5	E1	E.3400	E.2	<.5	<5	<1	<.5	M	M	E.1	<.5
JAN 13...	<.5	<.5	<2	<1.00	E.1	<.5	<5	<1	<.5	<1	<.5	<.5	<.5
FEB 03...	<.5	<.5	<2	<1.00	E.1	<.5	<5	<1	<.5	<1	M	E.1	<.5
FEB 12-12	<.5	<.5	E1	<1.00	E.1	<.5	E2	M	<.5	<1	M	E.1	<.5
FEB 12-12	<.5	<.5	M	<1.00	E.2	<.5	E2	M	<.5	<1	M	E.1	<.5
MAR 10...	<.5	<.5	<2	<1.00	M	<.5	<5	<1	<.5	<1	M	<.5	<.5
APR 01...	M	<.5	<2	E.0880	E.1	<.5	<5	<1	<.5	<1	<.5	M	M
APR 13...	M	<.5	E1	<1.00	E.1	E.1	<5mc	<1mc	<.5mc	<1mc	M	E.1	M
MAY 12...	<.5	<.5	E2	E.2600	E.1	<.5	<5	<1	<.5	<1	M	M	M
MAY 27...	<.5	<.5	<2	<1.00	E.1	<.5	<5	<1	<.5	<1	<.5	<.5	<.5
JUN 23...	M	<.5	E2	<1.00	E.4	<.5	E9	M	<.5	E2	M	<.5	<.5
AUG 16...	<.5	<.5	Mt	<1.00	E.3t	<.5	<5	<1	<.5	<1	Mt	<.5	<.5
SEP 07-07	<.5	<.5	<2	<1.00	E.3t	<.5	<5	<1	<.5	<1	Mt	<.5	<.5

Date	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone, water, fltrd, ug/L (34409)	Iso- propyl- benzene, water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor- alene, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)	Penta- chloro- phenol, water, fltrd, ug/L (34459)	Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)
OCT 21...	<.5	<.5	<.5	<.5	E.1	<.5	<.5	<.5	<.5	M	<2	<.5	<.5
JAN 13...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	M	<2	<.5	--
FEB 03...	<.5	<.5	<.5	<.5	E.1	<.5	<.5	E.1	<.5	M	<2	M	--
FEB 12-12	<.5	M	<.5	<.5	E.1	<.5	<.5	E.1	<.5	<1	M	M	--
FEB 12-12	<.5	M	<.5	<.5	E.2	<.5	M	E.1	E.1	M	M	M	--
MAR 10...	<.5	<.5	<.5	<.5	E.1	<.5	<.5	<.5	<.5	M	<2	<.5	--
APR 01...	<.5	<.5	<.5	<.5	E.1	<.5	<.5	<.5	<.5	M	<2	<.5	--
APR 13...	<.5	M	<.5mc	<.5	E.2	<.5	<.5	<.5	<.5	M	<2mc	M	E.2
MAY 12...	<.5	<.5	<.5	<.5	E.1	<.5	E.1	<.5	<.5	M	<2	<.5	--
MAY 27...	<.5	<.5	<.5	<.5	E.1	<.5	E.1	<.5	<.5	M	<2	<.5	.8
JUN 23...	<.5	<.5	<.5	<.5	E.1	<.5	<.5	<.5	<.5	M	<2	<.5	--
AUG 16...	<.5	<.5	<.5	<.5	Mt	<.5	Mt	E.1t	<.5	Mt	<2	Mt	--
SEP 07-07	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	Mt	<2	<.5	--

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02336644 SANDY CREEK AT BOLTON ROAD, NEAR ATLANTA, GA—continued.

Date	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Tri-bromo-methane, water, fltrd, ug/L (34288)	Tri-butyl-phosphate, water, fltrd, ug/L (62089)	Tri-phenyl-citrate, water, fltrd, ug/L (62090)	Tri-phos-phenyl, water, fltrd, ug/L (62091)	Tris(2-butoxy-ethyl), water, wat flt, ug/L (62092)	Tris(2-chloro-ethyl), water, wat flt, ug/L (62093)	Tris(di-chloro-i-Pr), water, wat flt, ug/L (62087)	Di-chloro-vos, water, fltrd, ug/L (38775)	
OCT 21...	<.5	<.5	<.5	<.5	<.5	M	E.1	<.5	E1.2	<.5	E.1	<1.00
JAN 13...	<.5	<.5	<.5	<.5	E.1	<1	<.5	M	E.2	<.5	E.1	<1.00
FEB 03...	<.5	M	<.5	<.5	E.1	<1	<.5	E.1	E.5	E.1	E.1	<1.00
FEB 12-12	<.5	M	<.5	<.5	E.1	<1	<.5	E.1	E.4	E.1	E.1	<1.00
FEB 12-12	<.5	M	<.5	<.5	E.1	M	<.5	E.1	E.4	E.1	E.1	<1.00
MAR 10...	<.5	M	<.5	<.5	<.5	<1	<.5	M	M	M	E.1	<1.00
APR 01...	<.5	<.5	<.5	<.5	<.5	M	<.5	M	E1.2	E.5	E.1	<1.00
13...	<.5	M	Mmc	<.5mc	E.1	<1	<.5	E.1	1.3	E.1	E.1	<1.00mc
MAY 12...	<.5	M	<.5	<.5	<.5	M	E.1	E.1	.5	M	E.1	<1.00
27...	<.5	<.5	<.5	<.5	<.5	<1	<.5	<.5	<.5	<.5	<.5	<1.00
JUN 23...	<.5	M	<.5	<.5	E.1	M	<.5	E.1	2.3	E.1	E.1	<1.00
AUG 16...	<.5	Mt	<.5	<.5	E.1t	<1	<.5	E.1n	E.5t	E.1t	E.3t	--u
SEP 07-07	<.5	Mt	<.5	<.5	<.5	<1	<.5	<.5	E.4t	<.5	<.5	--u

Date	Time	End time	Medium code	Hydro-logic event	Agency analyz- ing sample, code (00028)	Gage height, feet (00065)	Dis-charge, cfs (00060)	Turb-idity, IR LED light, 90 deg, FNU (63680)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, mg/L (00300)	pH, unfltrd field, percent of sat-urated std (00301)	Dis-solved oxygen, mg/L (00400)	Specif. conductance, wat er, uS/cm (00095)
OCT 21...	0800	--	1	9	81350	1.95	2.4	1.1	746	7.2	71	6.9	163	
JAN 13...	1402	--	1	9	81350	1.85	3.2	3.6	--	9.2	--	6.9	148	
FEB 03...	1402	--	1	J	81350	2.20	14	27	748	10.6	93	6.8	129	
FEB 12-12	0932	0947	1	J	81350	2.58	39	150	743	11.8	100	6.8	72	
FEB 12-12	0957	1002	1	J	81350	2.40	26	140	743	11.8	100	6.8	72	
FEB 12-12	1102	1117	1	J	81350	2.49	32	120	746	11.5	98	6.8	84	
FEB 12-12	1117	1622	1	9	81350	2.39	25	120	746	11.5	97	6.8	84	
MAR 10...	0917	--	1	9	81350	1.83	3.0	2.7	747	11.6	100	7.4	157	
APR 01...	0917	--	1	9	81350	1.81	3.4	6.1	743	9.9	90	7.0	149	
13...	1032	--	1	J	81350	3.19	97	80	740	8.4	86	6.9	90	
13...	1047	--	1	J	81350	3.18	96	90	740	8.5	87	6.9	90	
13...	1102	--	1	J	81350	3.16	95	90	740	8.5	87	6.9	90	
MAY 12...	0817	--	1	9	81350	1.74	2.5	2.5	--	6.8	--	7.3	166	
27...	0837	--	1	9	81350	1.71	2.2	2.3	746	7.1	82	7.1	158	
JUN 23...	0742	--	1	9	81350	1.97	5.5	13	749	6.7	79	7.1	114	
AUG 16...	1127	--	1	J	81350	1.91	3.2	50	751	7.2	84	6.8	107	
SEP 07-07	0752	0802	1	J	81350	2.94	65	140	736	7.7	--	7.5	56	

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02336644 SANDY CREEK AT BOLTON ROAD, NEAR ATLANTA, GA—continued.

Date	Alum- inum, Temper- ature, water, deg C (00010)	Anti- mony, suspn d sediment total, percent (30221)	Arsenic suspn d sediment total, ug/g (29816)	Barium, suspn d sediment total, ug/g (29820)	Beryll- ium, suspn d sediment total, ug/g (29822)	Cadmium suspn d sediment total, ug/g (29826)	Chrom- ium, suspn d sediment total, ug/g (29829)	Cobalt, suspn d sediment total, ug/g (35031)	Copper, suspn d sediment total, ug/g (29832)	Iron, suspn d sediment total, percent (30269)	Lead, suspn d sediment total, ug/g (29836)	Lithium suspn d sediment total, ug/g (35050)	
OCT 21...	13.5	2.5	.8	10	480	1	.7	92	83	51	4.5	27	19
JAN 13...	9.5	9.1	2.6	23	690	4	.9	130	19	93	7.5	140	42
FEB 03...	9.0	15	2.0	17	500	4	.2	67	16	68	5.5	100	66
FEB 12-12	7.0	12	.8	6.5	650	4	.2	56	16	45	3.9	82	49
FEB 12-12	7.0	12	.9	6.9	640	4	<.2	54	15	48	3.9	82	59
FEB 12-12	7.5	8.5	2.2	10	320	2	.2	43	11	46	3.1	53	44
FEB 12-12	7.0	13	1.0	8.1	570	4	.2	52	15	53	4.3	95	65
MAR 10...	8.0	3.3	.5	14	270	2	.9	76	13	140	4.0	46	19
APR 01...	10.0	7.3	2.1	15	510	3	.9	85	51	91	7.0	74	40
13...	15.0	12	1.9	14	470	4	.8	78	10	60	5.4	92	56
13...	15.0	5.6	3.4	16	430	2	.6	41	18	73	2.9	47	36
13...	15.0	14	1.3	12	480	4	.2	75	15	67	4.9	93	69
MAY 12...	19.0	4.8	<.2	10	490	2	<.2	--	16	71	5.1	74	30
27...	21.5	6.1	1.7	9.9	480	2	.3	130	14	46	4.7	65	22
JUN 23...	22.5	13	2.1	11	540	4	.4	120	15	72	5.8	95	60
AUG 16...	22.0	13	1.2	14	460	4	.7	77	15	72	5.0	130	65
SEP 07-07	21.5	9.0	1.8	7.9	590	3	<.2	41	11	44	3.1	67	42

Date	Mangan- ese, suspn d sediment total, ug/g (29839)	Mercury suspn d sediment total, ug/g (29841)	Molyb- denum, suspn d sediment total, ug/g (29843)	Nickel, suspn d sediment total, ug/g (29845)	Selen- ium, suspn d sediment total, ug/g (29847)	Silver, suspn d sediment total, ug/g (29850)	Stront- ium, suspn d sediment total, ug/g (35040)	Thall- ium, suspn d sediment total, ug/g (49955)	Titan- ium, suspn d sediment total, ug/g (30317)	Vanad- ium, suspn d sediment total, ug/g (29853)	Zinc, suspn d sediment total, ug/g (29855)	Uranium conc, flow through cntrfug mg/L (35046)	Suspn d sediment total, ug/g (50279)
OCT 21...	15000	.22	10	62	M	<.5	460	<50	.110	38	420	<50	2
JAN 13...	1400	--	8	58	1	<2	70	<200	.390	110	390	<200	1
FEB 03...	640	.12	3	32	1	<1	59	<100	.490	120	340	<100	10
FEB 12-12	630	.18	4	33	M	<1	67	<100	.460	100	260	<100	120
FEB 12-12	590	.15	3	29	M	<1	73	<100	.470	100	220	<100	114
FEB 12-12	530	--o	3	23	1	<1	290	<100	.300	71	240	<100	104
FEB 12-12	590	.14	3	33	<.1	<1	60	<100	.500	110	270	<100	56
MAR 10...	1400	--	4	35	M	2	40	<150	.160	50	280	<150	1
APR 01...	7700	--	6	46	2	<1	180	<100	.320	89	380	<100	2
13...	1400	.20	6	36	1	<1	120	<100	.440	110	340	<100	40
13...	630	--	8	23	2	<2	380	<150	.210	61	210	<150	80
13...	650	.09	4	36	1	<.5	71	<50	.460	120	270	<50	30
MAY 12...	1300	E.11	--	--	1	<1	330	<100	.210	45	240	<100	2
27...	1500	E.37	21	74	2	<1	200	<100	.230	64	200	<100	3
JUN 23...	890	E.13	15	65	1	<1	180	<100	.530	130	330	<100	5
AUG 16...	460	.12	4	43	1	<1	74	<50	.500	130	250	<50	16
SEP 07-07	550	<.02	2	15	M	<1	150	<100	.380	79	150	<100	291

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02336644 SANDY CREEK AT BOLTON ROAD, NEAR ATLANTA, GA—continued.

Remark codes used in this table:

< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

Null value qualifier codes used in this table:

o -- Insufficient amount of water
u -- Unable to determine-matrix interference

Value qualifier codes used in this table:

c -- See laboratory comment
k -- Counts outside acceptable range
m -- Value is highly variable by this method
n -- Below the LRL and above the LT-MDL
t -- Below the long-term MDL