

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA

LOCATION.—Lat 33°49'53", long 84°20'34" referenced to North American Datum (NAD) of 1927, DeKalb County, Hydrologic Unit Code 0313001, on right downstream side of bridge on GA 13, (Buford HWY), 4.1 miles south of the junction of US 23 and GA 155, and 2.1 miles north of the confluence of S.F. Peachtree Creek.

DRAINAGE AREA.—34.8 square miles.

COOPERATION.—City of Atlanta.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—February 1976 to August 1977, June 27, 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 also surface water samples. 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
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, 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, code (00028)	Gage height, feet (00065)	Dis-charge, cfs (00060)	Turb-idity, IR LED light, det ang 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, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf 25 degC (00095)
OCT													
08...	1000	--	9	J	81345	7.35	549	260	749	8.3	90	6.8	42
08...	1030	--	9	J	81345	6.89	452	240	749	8.4	91	6.9	43
22...	0800	--	9	9	81345	3.85	10	6.4	755	8.1	83	7.1	143
22...	0830	--	9	9	81345	3.85	10	5.9	755	8.2	84	7.1	143
NOV													
05-05	2105	2107	9	J	81345	7.52	607	360	--	6.6	--	6.8	86
NOV													
05-05	2150	2152	9	J	81345	8.04	817	360	--	6.6	--	6.8	70
NOV													
06-06	0050	0052	9	J	81345	6.46	313	250	--	6.8	--	6.6	50
JAN													
05...	0845	--	9	9	81345	4.07	19	6.1	--	9.8	96	6.6	137
05...	0855	--	9	9	81345	4.06	18	31	--	9.8	95	6.7	122
JAN													
09-09	0439	0441	9	J	81345	4.57	45	24	--	12.2	--	7.1	93
JAN													
09-09	0739	0741	9	J	81345	4.92	75	31	--	12.1	--	7.0	106
JAN													
09-09	0954	0956	9	J	81345	5.19	104	42	--	12.7	--	7.0	118
JAN													
09-09	1124	1126	9	J	81345	5.23	109	49	--	12.4	--	7.0	107
21...	0945	--	9	9	81345	4.05	18	5.1	748	13.2	101	7.3	131
21...	1015	--	9	9	81345	4.05	18	5.3	748	13.3	102	7.3	131
JAN													
25-25	0330	0331	9	J	81345	4.56	45	26	--	10.5	--	7.1	101
JAN													
25-25	0629	0631	9	J	81345	5.62	164	--	--	10.8	--	7.0	92
JAN													
25-25	0759	0801	9	J	81345	6.81	429	--	--	10.4	--	7.0	84
JAN													
25-25	1014	1016	9	J	81345	8.98	1120	290	--	12.1	--	6.8	56
FEB													
04...	0850	--	9	J	81345	4.35	32	22	747	13.1	103	6.9	103
04...	0920	--	9	J	81345	4.35	32	18	747	13.1	103	6.9	103
FEB													
06-06	0749	0751	9	J	81345	4.76	60	70	--	12.0	--	7.1	98
FEB													
06-06	1004	1006	9	J	81345	6.37	315	120	--	12.0	--	7.1	82
FEB													
06-06	1134	1136	9	J	81345	8.18	861	280	--	12.0	--	6.9	62
FEB													
06-06	1305	1307	9	J	81345	8.75	1050	390	--	11.9	--	6.8	66
FEB													
06-06	1350	1352	9	J	81345	8.81	1070	350	--	11.8	--	6.8	64
FEB													
06-06	1434	1436	9	J	81345	8.64	1010	300	--	11.8	--	6.7	53
MAR													
02...	1010	--	9	9	81345	4.20	26	17	753	10.4	100	7.3	133
02...	1030	--	9	9	81345	4.18	24	11	753	10.3	99	7.3	133
23...	0900	--	9	9	81345	4.06	16	10	757	10.7	92	7.5	143
23...	0915	--	9	9	81345	4.06	16	9.2	757	10.7	92	7.5	143
APR													
07...	1330	--	9	9	81345	4.04	14	8.3	742	10.9	116	7.5	144
07...	1345	--	9	9	81345	4.04	14	10	742	11.1	118	7.5	144
MAY													
01-01	2312	2314	9	J	81345	5.04	36	100	--	7.7	--	7.0	99
MAY													
02-02	0042	0044	9	J	81345	7.15	421	400	--	7.9	--	6.8	56
MAY													
02-02	0127	0129	9	J	81345	7.14	488	250	--	7.8	--	6.7	47
MAY													
02-02	0343	0345	9	J	81345	7.41	519	350	--	7.4	--	6.7	61

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Temperature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO3 (00900)	Noncarb hard- ness, wat flt lab, mg/L as CaCO3 (00905)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium adsorp- tion ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	Alka- linity, wat flt Gran, lab, mg/L as CaCO3 (29803)	Bromide water, fltrd, mg/L (71870)	Chlor- ide, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)
OCT													
08...	18.5	12	1	3.63	.62	2.16	.2	1.81	21	10.6	<.02	1.67	3.43
08...	18.5	12	.0	3.78	.66	2.28	.2	1.72	20	11.4	<.02	1.83	3.60
22...	16.0	45	--	13.4	2.82	3.20	.5	7.78	26	48.3	.1	9.40	17.8
22...	16.0	46	--	13.7	2.92	3.29	.5	8.37	27	48.1	.1	9.34	18.9
NOV													
05-05	20.5	26	--	7.87	1.48	3.31	.4	4.37	24	28.6	<.02	5.75	10.0
NOV													
05-05	20.5	19	--	5.72	1.06	2.94	.3	3.41	25	20.4	<.02	4.09	7.23
NOV													
06-06	21.0	15	--	4.59	.82	3.31	.3	2.45	22	15.6	<.02	2.83	4.93
JAN													
05...	14.0	44	7	12.1	3.21	2.76	.5	7.85	27	36.4	.1	10.8	18.0
05...	14.5	43	7	11.9	3.16	2.66	.5	7.40	26	35.8	M	10.5	17.6
JAN													
09-09	5.0	39	7	10.8	2.86	2.66	.5	6.69	26	31.9	M	9.79	15.1
JAN													
09-09	5.0	37	6	10.5	2.68	2.63	.5	6.41	26	31.7	.1	9.36	13.9
JAN													
09-09	5.0	36	6	9.60	2.80	2.40	.4	4.86	22	29.3	.1	7.51	13.6
JAN													
09-09	5.0	37	6	9.97	2.87	2.54	.3	4.47	20	31.1	M	7.59	14.6
21...	3.5	28	4	7.74	2.04	2.20	.3	3.53	20	24.1	M	6.42	10.8
21...	3.5	32	6	8.74	2.40	2.38	.3	4.40	22	25.6	M	7.49	12.2
JAN													
25-25	8.9	35	5	9.78	2.55	2.64	.4	5.83	25	30.4	M	8.70	13.8
JAN													
25-25	8.8	34	3	9.56	2.44	2.57	.5	6.09	26	30.9	.1	8.69	13.5
JAN													
25-25	9.0	31	4	8.89	2.14	2.76	.5	5.87	27	27.0	M	8.41	10.7
JAN													
25-25	8.9	29	3	8.38	2.01	2.63	.4	5.26	26	26.0	<.02	8.47	9.85
FEB													
04...	4.5	32	5	9.52	1.95	2.17	.4	5.41	25	26.6	<.02	6.60	12.0
04...	4.5	32	4	9.51	1.88	2.16	.4	5.35	25	27.6	<.02	6.92	11.8
FEB													
06-06	6.1	31	4	9.36	1.72	2.15	.4	5.56	27	26.2	M	7.32	11.1
FEB													
06-06	6.1	24	4	7.34	1.35	1.70	.4	4.14	26	19.9	M	5.20	8.76
FEB													
06-06	6.1	19	3	5.89	.98	1.79	.3	3.15	25	15.7	<.02	3.50	5.75
FEB													
06-06	6.1	20	2	6.36	.95	1.81	.2	2.54	20	17.8	<.02	4.53	5.65
FEB													
06-06	6.2	18	2	5.65	.92	1.65	.3	2.85	24	15.5	<.02	4.04	5.41
FEB													
06-06	6.3	16	3	4.91	.81	1.53	.3	2.60	24	12.5	<.02	3.03	4.79
MAR													
02...	13.0	45	5	13.4	2.75	2.18	.4	6.48	23	39.7	.1	9.72	17.8
02...	13.0	50	11	15.7	2.70	2.65	.5	7.96	24	39.8	<.02	9.72	17.0
23...	8.5	50	4	15.1	3.05	2.47	.5	8.43	26	46.1	.1	10.4	15.5
23...	8.5	49	2	14.7	2.86	2.72	.6	8.79	27	46.0	.1	10.5	15.3
APR													
07...	17.0	47	1	14.0	2.83	2.64	.5	8.55	27	45.6	.1	9.31	17.8
07...	17.0	47	.0	14.0	2.83	2.54	.5	8.21	26	45.8	.1	9.39	17.4
MAY													
01-01	19.9	34	3	10.3	2.05	2.86	.5	6.46	27	31.7	.1	6.94	13.1
MAY													
02-02	19.4	21	3	6.40	1.17	2.33	.4	3.77	26	17.9	M	3.49	8.00
MAY													
02-02	19.2	16	3	4.98	.89	2.24	.3	2.83	25	13.1	<.02	2.46	5.61
MAY													
02-02	19.3	23	5	7.07	1.19	2.66	.4	3.89	25	18.1	.1	3.24	7.48

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of consti- tuents mg/L (70301)	Residue water, fltrd, tons/ acre-ft (70303)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	Fecal coli- form, M-FC col/ 100 mL (31625)	Total coli- form, Defined Tech., MPN/ 100 mL (50569)
OCT													
08...	3.1	25	.03	.06	.049	.41	<.020	<.100	<.10	.68	17000	36000k	816000
08...	3.3	26	.04	.05	.041	.42	<.020	<.100	<.10	.71	18000	26000	687000
22...	6.7	93	.13	--	<.020	.60	<.020	<.100	<.10	.73	530	360	>24200k
22...	6.8	95	.13	--	<.020	.61	<.020	<.100	<.10	.75	--	--	--
NOV													
05-05	4.6	57	.08	.04	.028	.49	<.020	<.100	<.10	.61	20000	25000	>242000
NOV													
05-05	3.9	42	.06	.07	.057	.33	<.020	<.100	<.10	.51	17000	20000	>242000
NOV													
06-06	3.4	33	.05	.06	.043	.28	<.020	<.100	<.10	.42	17000	19000	>242000
JAN													
05...	9.3	91	.12	.04	.028	1.05	<.020	<.100	<.10	.82	280	270	7530
05...	9.0	88	.12	.08	.061	.89	<.020	<.100	<.10	.96	--	--	--
JAN													
09-09	8.2	79	.11	--	<.020	.82	<.020	<.100	<.10	.82	--	--	--
JAN													
09-09	8.1	76	.10	--	<.020	.79	<.020	<.100	<.10	.80	--	--	--
JAN													
09-09	6.1	68	.09	--	<.020	.87	<.020	<.100	<.10	1.26	--	--	--
JAN													
09-09	6.3	71	.10	--	<.020	.91	<.020	<.100	<.10	.82	--	--	--
21...	4.7	55	.08	.12	.097	.74	<.020	<.100	.13	.66	--	--	--
21...	5.0	62	.08	.11	.086	.82	<.020	<.100	<.10	1.07	230	260	1310
JAN													
25-25	7.2	73	.10	--	<.020	.88	<.020	<.100	<.10	1.41	--	--	--
JAN													
25-25	7.1	72	.10	--	<.020	.64	<.020	<.100	<.10	1.39	--	--	--
JAN													
25-25	6.5	65	.09	--	<.020	.86	<.020	<.100	<.10	1.37	--	--	--
JAN													
25-25	6.3	61	.08	--	<.020	.50	<.020	<.100	<.10	1.17	--	--	--
FEB													
04...	7.3	65	.09	.13	.102	.87	<.020	<.100	<.10	1.16	--	--	--
04...	7.3	66	.09	.13	.102	.87	<.020	<.100	<.10	1.08	1100	310	8160
FEB													
06-06	7.3	65	.09	.26	.201	.99	<.020	<.100	<.10	1.38	--	--	--
FEB													
06-06	5.9	51	.07	.27	.212	.83	<.020	<.100	<.10	1.26	--	--	--
FEB													
06-06	4.5	38	.05	.23	.176	.60	<.020	<.100	<.10	1.00	--	--	--
FEB													
06-06	5.3	41	.06	.18	.143	.65	<.020	<.100	<.10	.98	--	--	--
FEB													
06-06	4.7	38	.05	.22	.169	.62	<.020	<.100	<.10	1.01	--	--	--
FEB													
06-06	4.1	32	.04	.18	.136	.55	<.020	<.100	<.10	.91	--	--	--
MAR													
02...	7.9	88	.12	.05	.040	.85	<.020	<.100	<.10	.93	--	--	--
02...	7.8	92	.12	.06	.050	.86	<.020	<.100	<.10	1.08	240	200	2100
23...	7.3	93	.13	.05	.040	.59	<.020	<.100	<.10	.67	--	--	--
23...	7.3	93	.13	.04	.030	.59	<.020	<.100	<.10	.67	250	220	3450
APR													
07...	7.2	93	.13	.04	.030	.55	<.020	<.100	<.10	.47	210	870	2060
07...	7.3	92	.13	.04	.030	.55	.020	<.100	<.10	.21	--	--	--
MAY													
01-01	5.4	69	.09	.05	.035	.63	.030	<.100	<.10	1.21	--	--	--
MAY													
02-02	3.9	43	.06	.08	.066	.60	.020	<.100	<.10	1.21	--	--	--
MAY													
02-02	3.6	34	.05	.06	.047	.65	.030	<.100	<.10	1.25	--	--	--
MAY													
02-02	4.6	44	.06	.03	.027	.62	<.020	<.100	<.10	.90	--	--	--

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Barium, water, fltrd, ug/L (01005)	Iron, water, fltrd, ug/L (01046)	Stront- ium, water, fltrd, ug/L (01080)
OCT			
08...	<50.0	<100	20
08...	<50.0	<100	20
22...	<50.0	<100	60
22...	<50.0	<100	60
NOV			
05-05	<50.0	<100	30
NOV			
05-05	<50.0	<100	30
NOV			
06-06	51.9	120	20
JAN			
05...	42.5	100	60
05...	46.6	<100	60
JAN			
09-09	42.1	<100	60
JAN			
09-09	49.4	<100	50
JAN			
09-09	50.9	<100	50
JAN			
09-09	35.0	<100	50
21...	30.8	120	40
21...	52.1	140	50
JAN			
25-25	34.0	<100	50
JAN			
25-25	37.6	200	50
JAN			
25-25	41.4	140	50
JAN			
25-25	<30.0	300	40
FEB			
04...	45.9	<100	40
04...	44.4	120	40
FEB			
06-06	39.3	160	40
FEB			
06-06	36.9	160	30
FEB			
06-06	36.9	210	30
FEB			
06-06	9.3	<100	30
FEB			
06-06	18.9	<100	20
FEB			
06-06	33.7	230	20
MAR			
02...	47.2	200	70
02...	57.0	120	70
23...	49.6	330	70
23...	74.5	260	70
MAR			
30-30	--	--	--
MAR			
30-30	--	--	--
MAR			
30-30	--	--	--
MAR			
30-30	--	--	--
MAR			
30-30	--	--	--
MAR			
30-30	--	--	--
APR			
07...	45.0	330	70
07...	27.4	150	70
MAY			
01-01	92.9	110	50
MAY			
02-02	57.2	120	30
MAY			
02-02	62.2	140	20
MAY			
02-02	76.1	180	30

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02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Time	End time	Medium code	Hydro-logic event	Agency analyzing sample, code (00028)	Gage height, feet (00065)	Dis-charge, cfs (00060)	Turb-idity, IR LED light, det ang 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, unfltrd field, std units (00400)	Specif. conduc-tance, wat un f uS/cm 25 degC (00095)
MAY													
02-02	0428	0430	9	J	81345	7.55	629	380	--	6.8	--	6.7	63
MAY													
02-02	0558	0600	9	J	81345	6.87	408	320	--	6.7	--	6.5	50
MAY													
03-03	1015	1030	9	J	81345	4.29	36	17	743	8.5	88	7.1	90
MAY													
03-03	1020	1035	9	J	81345	4.29	36	16	743	8.5	88	7.1	90
MAY													
17-17	1856	1858	9	J	81345	5.13	116	--	--	6.5	--	7.0	140
MAY													
17-17	1941	1943	9	J	81345	5.48	157	210	--	6.6	--	7.0	136
MAY													
17-17	2026	2028	9	J	81345	5.48	109	440	--	5.8	--	6.9	109
MAY													
17-17	2111	2113	9	J	81345	5.42	150	330	--	6.2	--	6.8	80
MAY													
17-17	2156	2158	9	J	81345	5.14	117	190	--	6.4	--	6.8	96
MAY													
17-17	2231	2233	9	J	81345	5.02	80	210	--	6.4	--	6.9	103
19...	1055	--	9	9	81345	3.93	14	8.1	752	7.4	86	7.1	128
19...	1100	--	9	9	81345	3.93	14	7.6	752	7.4	86	7.2	128
MAY													
22-22	1740	1742	9	J	81345	6.12	129	--	--	--	--	--	140
MAY													
22-22	1824	1826	9	J	81345	7.24	498	1300	--	4.5	--	6.7	86
MAY													
22-22	1909	1911	9	J	81345	6.85	422	1300	--	5.5	--	6.4	65
MAY													
22-22	2039	2041	9	J	81345	5.86	218	920	--	6.1	--	6.4	64
MAY													
22-22	2209	2211	9	J	81345	5.24	131	--	--	--	--	--	68
JUN													
09-09	2119	2121	9	J	81345	4.06	16	6.9	--	7.4	--	7.2	136
JUN													
09-09	2149	2151	9	J	81345	4.28	35	8.9	--	7.4	--	7.2	135
JUN													
09-09	2219	2221	9	J	81345	4.32	39	13	--	7.4	--	7.2	135
JUN													
09-09	2249	2251	9	J	81345	5.88	212	190	--	7.1	--	7.1	129
JUN													
09-09	2319	2321	9	J	81345	5.96	224	250	--	7.0	--	7.0	119
JUN													
10-10	0049	0051	9	J	81345	5.35	141	440	--	6.7	--	6.8	69
10...	1145	--	9	J	81345	4.17	23	78	752	6.9	83	7.0	79
10...	1155	--	9	J	81345	4.16	23	80	752	7.0	84	7.0	79
AUG													
31...	0840	--	9	9	81345	3.73	5.6	3.0	747	6.6	79	6.5	119
31...	0845	--	9	9	81345	3.73	5.6	3.0	747	6.6	79	6.5	119
SEP													
15...	0945	--	9	9	81345	3.86	7.5	6.6	--	7.8	--	7.3	125

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Temperature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO3 (00900)	Noncarb hard- ness, wat flt lab, mg/L as CaCO3 (00905)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium adsorp- tion ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	Alka- linity, wat flt Gran, lab, mg/L as CaCO3 (29803)	Bromide water, fltrd, mg/L (71870)	Chlor- ide, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)
MAY													
02-02	19.3	23	--	6.98	1.29	2.37	.3	3.66	24	31.9	M	3.69	8.81
MAY													
02-02	19.2	18	--	5.52	.98	2.34	.4	3.79	28	20.8	M	2.83	6.58
MAY													
03-03	16.0	30	1	9.10	1.81	2.48	.3	4.25	22	28.9	.1	4.66	11.6
MAY													
03-03	16.0	29	.0	8.92	1.72	2.65	.4	4.89	25	29.0	.1	4.68	10.9
MAY													
17-17	22.4	41	--	12.1	2.51	3.83	.6	8.08	28	44.2	.1	8.77	18.4
MAY													
17-17	22.3	47	3	14.4	2.60	3.75	.6	8.93	27	43.8	.1	8.50	23.0
MAY													
17-17	22.4	36	6	11.5	1.82	3.94	.4	6.16	25	29.8	.1	5.85	12.2
MAY													
17-17	22.5	24	2	7.38	1.22	3.34	.4	4.54	26	22.0	.1	4.10	8.98
MAY													
17-17	22.2	29	.0	8.97	1.60	3.83	.5	5.58	26	28.2	.1	5.47	12.2
MAY													
17-17	22.0	31	.0	9.63	1.63	3.86	.4	5.72	26	30.4	.1	5.55	12.2
19...	22.0	40	--	12.1	2.42	2.98	.5	6.78	25	40.5	.1	7.41	17.3
19...	22.0	39	--	11.9	2.36	2.97	.5	6.64	25	40.9	.1	6.99	17.1
MAY													
22-22	23.4	45	--	13.4	2.79	3.00	.6	8.51	27	49.1	.1	8.38	20.0
MAY													
22-22	23.0	25	--	7.83	1.39	2.63	.4	4.62	26	26.6	M	4.09	10.6
MAY													
22-22	22.6	20	5	6.39	.99	2.53	.2	1.73	14	14.8	M	2.13	5.68
MAY													
22-22	22.3	20	6	6.42	.93	2.53	.2	2.26	18	13.6	M	2.10	4.64
MAY													
22-22	22.3	18	4	5.87	.92	2.73	.3	2.92	22	14.3	M	2.51	5.97
JUN													
09-09	23.1	44	--	13.3	2.45	2.77	.5	7.31	25	43.9	.1	8.14	18.1
JUN													
09-09	22.9	48	3	14.7	2.65	3.02	.5	8.16	26	44.8	.1	8.06	19.7
JUN													
09-09	22.8	47	2	14.3	2.61	3.02	.5	8.30	26	44.4	.1	7.99	19.3
JUN													
09-09	22.8	40	3	12.5	2.14	3.05	.5	6.95	26	37.4	.1	6.83	16.5
JUN													
09-09	22.6	37	.0	11.6	2.03	2.81	.5	6.80	27	37.3	.1	6.82	17.1
JUN													
10-10	22.5	21	3	6.62	1.01	2.07	.4	3.90	27	18.2	M	3.44	10.0
10...	24.0	25	5	8.08	1.25	2.40	.4	4.61	26	20.8	M	4.55	10.3
10...	24.0	26	5	8.13	1.29	2.26	.4	4.45	25	21.0	M	4.59	10.2
AUG													
31...	23.0	39	--	12.0	2.29	3.00	.4	6.10	24	39.9	.1	6.2	14.5
31...	23.0	41	.0	12.4	2.38	3.00	.4	6.40	24	39.9	.1	6.4	14.9
SEP													
15...	21.0	--	--	--	--	--	--	--	--	41.2	.1	7.99	--

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Sulfate water, fltrd, mg/L (00945)	Residue water, sum of consti- tuents mg/L (70301)	Residue water, fltrd, tons/ acre-ft (70303)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L (00660)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	Fecal coli- form, M-FC 0.7u MF col/ 100 mL (31625)
MAY													
02-02	4.2	53	.07	.07	.055	.54	<.020	--	<.100	<.10	.88	--	--
MAY													
02-02	3.4	41	.06	.04	.031	.58	<.020	--	<.100	<.10	.91	--	--
MAY													
03-03	5.1	58	.08	.05	.037	.38	<.020	--	<.100	<.10	.57	1000	2200k
MAY													
03-03	5.1	58	.08	.08	.060	.38	<.020	--	<.100	<.10	.60	--	--
MAY													
17-17	7.0	90	.12	.03	.026	.61	<.020	--	<.100	<.10	1.70	--	--
MAY													
17-17	6.8	97	.13	.03	.027	.67	<.020	--	<.100	<.10	1.87	--	--
MAY													
17-17	8.1	73	.10	.05	.035	1.13	.020	.460	.150	.20	2.78	--	--
MAY													
17-17	5.7	53	.07	.05	.039	.83	<.020	.429	.140	.20	2.68	--	--
MAY													
17-17	5.3	64	.09	.04	.028	.82	.020	.552	.180	.23	2.01	--	--
MAY													
17-17	6.1	68	.09	.03	.027	.86	<.020	.552	.180	.20	1.98	--	--
19...	6.4	82	.11	.10	.075	.46	.020	--	<.100	<.10	.71	--	--
19...	5.9	81	.11	.10	.078	.44	.020	--	<.100	<.10	.56	740	800
MAY													
22-22	6.0	95	.13	.07	.052	.56	<.020	--	<.100	<.10	.69	--	--
MAY													
22-22	7.7	59	.08	.12	.096	.84	.030	--	<.100	<.10	1.17	--	--
MAY													
22-22	7.6	40	.05	.21	.160	.76	.030	--	<.100	<.10	1.14	--	--
MAY													
22-22	7.2	38	.05	.24	.185	.71	.030	--	<.100	<.10	1.07	--	--
MAY													
22-22	7.3	41	.06	.30	.236	.70	.030	--	<.100	<.10	.95	--	--
JUN													
09-09	5.8	87	.12	--	<.020	.53	<.020	--	<.100	<.10	.68	--	--
JUN													
09-09	5.8	92	.12	--	<.020	.56	<.020	--	<.100	<.10	.60	--	--
JUN													
09-09	5.8	91	.12	--	<.020	.60	<.020	--	<.100	<.10	.82	--	--
JUN													
09-09	6.3	81	.11	--	<.020	1.00	<.020	--	<.100	<.10	1.32	--	--
JUN													
09-09	5.4	79	.11	--	<.020	.79	<.020	--	<.100	<.10	.96	--	--
JUN													
10-10	4.1	46	.06	--	<.020	.69	<.020	--	<.100	<.10	.76	--	--
10...	4.7	51	.07	.05	.040	.57	<.020	--	<.100	<.10	.72	7800	16000
10...	4.8	51	.07	.05	.040	.57	<.020	--	<.100	<.10	.83	--	--
AUG													
31...	5.3	76	.10	--	--	.46	<.010	--	--	--	--	--	--
31...	5.4	77	.10	--	--	.46	<.010	--	--	--	--	660	590
SEP													
15...	6.8	--	--	--	<.020	.65	<.020	--	<.100	68.5	--	970	1000

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Total coli- form, Defined Tech., MPN/ 100 mL (50569)	Barium, water, fltrd, ug/L (01005)	Iron, water, fltrd, ug/L (01046)	Stront- ium, water, fltrd, ug/L (01080)
MAY				
02-02	--	46.0	260	30
MAY				
02-02	--	83.6	210	30
MAY				
03-03	86600	35.0	170	40
MAY				
03-03	--	65.1	180	40
MAY				
17-17	--	37.4	<100	60
MAY				
17-17	--	43.2	<100	60
MAY				
17-17	--	34.8	110	50
MAY				
17-17	--	39.7	<100	30
MAY				
17-17	--	43.2	130	40
MAY				
17-17	--	36.1	130	40
19...	--	42.9	110	60
19...	25700	40.7	120	60
MAY				
22-22	--	50.4	330	60
MAY				
22-22	--	41.3	180	40
MAY				
22-22	--	50.7	<100	30
MAY				
22-22	--	41.1	<100	30
MAY				
22-22	--	41.1	100	30
JUN				
09-09	--	18.3	<100	60
JUN				
09-09	--	43.7	<100	70
JUN				
09-09	--	12.7	<100	70
JUN				
09-09	--	9.4	<100	60
JUN				
09-09	--	24.9	<100	60
JUN				
10-10	--	<2.5	110	30
10...	242000k	39.0	<100	40
10...	--	12.8	<100	40
AUG				
31...	--	--	<50	50
31...	21000	--	<50	60
SEP				
15...	23800	--	--	--

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Time	Hydro- logic event	Agency ana- lyzing sample, code (00028)	Gage height, feet (00065)	Dis- charge, cfs (00060)	Turb- idity, IR LED light, det ang 90 deg, FNU (63680)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Alum- inum, water, fltrd, ug/L (01106)	Cadmium water, fltrd, ug/L (01025)
OCT													
08...	1001	J	80020	7.35	549	260	749	8.3	6.8	42	18.5	20	<.04
08...	1031	J	80020	6.89	413	240	749	8.4	6.9	43	18.5	16	<.04
22...	0801	9	80020	3.85	10	6.4	755	8.1	7.1	143	16.0	2	<.04
22...	0831	9	80020	3.85	10	5.9	755	8.2	7.1	143	16.0	2	<.04
NOV													
05-05	2106	J	80020	7.52	607	360	--	6.6	6.8	86	20.5	8	<.04
NOV													
05-05	2151	J	80020	8.04	817	360	--	6.6	6.8	70	20.5	13	<.04
NOV													
06-06	0051	J	80020	6.46	313	250	--	6.8	6.6	50	21.0	27	<.04
JAN													
05...	0846	9	80020	4.07	19	6.1	--	9.8	6.6	137	14.0	2	<.04
05...	0856	9	80020	4.06	18	31	--	9.8	6.7	122	14.5	3	<.04
21...	0946	9	80020	4.05	18	5.1	748	13.2	7.3	131	3.5	2	E.02n
21...	1016	9	80020	4.05	18	5.3	748	13.3	7.3	131	3.5	2	<.04
FEB													
04...	0851	J	80020	4.35	32	22	747	13.1	6.9	103	4.5	4	<.04
04...	0921	J	80020	4.35	32	18	747	13.1	6.9	103	4.5	5	<.04
MAR													
02...	1011	9	80020	4.20	26	17	753	10.4	7.3	133	13.0	4	<.04
02...	1031	9	80020	4.18	24	11	753	10.3	7.3	133	13.0	3	<.04
23...	0901	9	80020	4.06	16	10	757	10.7	7.5	143	8.5	3	<.04
23...	0916	9	80020	4.06	16	9.2	757	10.7	7.5	143	8.5	2	<.04
APR													
07...	1331	9	80020	4.04	14	8.3	742	10.9	7.5	144	17.0	4	<.04
07...	1346	9	80020	4.04	14	10	742	11.1	7.5	144	17.0	3	E.04n
MAY													
03-03	1016	J	80020	4.29	36	17	743	8.5	7.1	90	16.0	5	<.04
MAY													
03-03	1021	J	80020	4.29	36	16	743	8.5	7.1	90	16.0	4	<.04
19...	1056	9	80020	3.93	14	8.1	752	7.4	7.1	128	22.0	3	<.04
19...	1101	9	80020	3.93	14	7.6	752	7.4	7.2	128	22.0	3	<.04
MAY													
22-22	1741	J	80020	6.12	129	--	--	--	--	140	23.4	4	<.04
MAY													
22-22	1825	J	80020	7.24	498	1300	--	4.5	6.7	86	23.0	4	<.04
MAY													
22-22	1910	J	80020	6.85	422	1300	--	5.5	6.4	65	22.6	29	E.03n
MAY													
22-22	2040	J	80020	5.86	218	920	--	6.1	6.4	64	22.3	59	E.03n
MAY													
22-22	2210	J	80020	5.24	131	--	--	--	--	68	22.3	42	E.02n
JUN													
10...	1146	J	80020	4.17	24	78	752	6.9	7.0	79	24.0	5	<.04
10...	1156	J	80020	4.16	23	80	752	7.0	7.0	79	24.0	5	<.04
AUG													
31...	0841	9	80020	3.73	5.6	3.0	747	6.6	6.5	119	23.0	2	E.04n
31...	0846	9	80020	3.73	5.6	3.0	747	6.6	6.5	119	23.0	2	<.04
SEP													
15...	0946	9	80020	3.86	7.5	6.6	--	7.8	7.3	125	21.0	2	<.04

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	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							
08...	<.8	1.7	.21	94.4	.35	<.2	6.3
08...	<.8	1.7	.18	89.6	.39	<.2	6.5
22...	<.8	.8	<.08	138	.71	<.2	4.2
22...	<.8	.8	<.08	132	.76	<.2	3.7
NOV							
05-05	<.8	1.8	.12	28.7	.47	<.2	5.6
NOV							
05-05	<.8	2.1	.16	48.3	.61	<.2	7.1
NOV							
06-06	<.8	2.2	.23	13.5	.45	<.2	7.3
JAN							
05...	<.8	.8	.09	132	.58	<.2	5.5
05...	<.8	.9	E.07n	131	.59	<.2	7.0
21...	<.8	.7	E.07n	167	.48	<.2	11.2
21...	<.8	.9	E.07n	170	.52	<.2	10.6
FEB							
04...	<.8	1.1	.09	72.9	.45	<.2	11.0
04...	<.8	1.9	.14	71.7	.48	<.2	11.4
MAR							
02...	<.8	1.0	E.07n	141	2.42	<.2	8.9
02...	<.8	.9	E.05n	144	.55	<.2	8.3
23...	<.8	.9	.10	181	1.03	<.2	7.1
23...	<.8	.8	.09	185	.53	<.2	7.2
APR							
07...	<.8	1.1	.08	151	3.77	<.2	4.5
07...	<.8	1.1	E.07n	150	.46	<.2	3.9
MAY							
03-03	<.8	1.6	.19	73.1	.51	<.2	4.6
MAY							
03-03	<.8	1.7	.18	80.7	.49	<.2	7.2
19...	<.8	1.4	.12	166	1.24	<.2	3.6
19...	<.8	1.6	.12	179	1.54	<.2	3.9
MAY							
22-22	<.8	1.6	.08	23.9	.60	<.2	2.7
MAY							
22-22	<.8	1.6	E.07n	80.0	.61	<.2	8.4
MAY							
22-22	<.8	2.1	.20	134	.82	<.2	9.4
MAY							
22-22	<.8	2.1	.31	99.9	.57	<.2	10.5
MAY							
22-22	<.8	2.3	.25	58.8	.97	<.2	8.8
JUN							
10...	<.8	1.9	E.08n	57.1	.41	<.2	3.9
10...	<.8	1.9	E.07n	60.0	.37	<.2	3.6
AUG							
31...	<.8	1.5	<.08	187	.58	<.2	3.2
31...	<.8	2.7	<.08	193	.60	<.2	2.5
SEP							
15...	<.8	.9	<.08	164	.38	<.2	2.7

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Time	End time	Agency analyzing sample, code (00028)	Gage height, feet (00065)	Dis-charge, cfs (00060)	Turb-idity, IR LED light, det ang 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, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf 25 degC (00095)	Temper-ature, water, deg C (00010)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)
OCT													
22...	0801	--	80020	3.85	10	6.4	755	8.1	83	7.1	143	16.0	<.5
JAN													
05...	0846	--	80020	4.07	19	6.1	--	9.8	96	6.6	137	14.0	<.5
21...	1016	--	80020	4.05	18	5.3	748	13.3	102	7.3	131	3.5	<.5
FEB													
04...	0921	--	80020	4.35	32	18	747	13.1	103	6.9	103	4.5	<.5
MAR													
02...	1031	--	80020	4.18	24	11	753	10.3	99	7.3	133	13.0	<.5
23...	0916	--	80020	4.06	16	9.2	757	10.7	92	7.5	143	8.5	<.5
APR													
07...	1331	--	80020	4.04	14	8.3	742	10.9	116	7.5	144	17.0	<.5
MAY													
03-03	1016	1031	80020	4.29	36	17	743	8.5	88	7.1	90	16.0	<.5
19...	1101	--	80020	3.93	14	7.6	752	7.4	86	7.2	128	22.0	<.5
JUN													
10...	1146	--	80020	4.17	24	78	752	6.9	83	7.0	79	24.0	<.5
AUG													
31...	0846	--	80020	3.73	5.6	3.0	747	6.6	79	6.5	119	23.0	<.5
SEP													
15...	0946	--	80020	3.86	7.5	6.6	--	7.8	--	7.3	125	21.0	<.5

Date	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hy-droxy-anisole, wat flt ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-phenone water, fltrd, ug/L (62064)
OCT													
22...	<.5	<.5	<.5	M	<1	<5	<1	<1	E1	<1	<2	<.5	<.5
JAN													
05...	<.5	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
21...	<.5	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	E.1	<.5
FEB													
04...	<.5	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	E.1	<.5
MAR													
02...	<.5	<.5	<.5	M	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
23...	<.5	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	E.1
APR													
07...	<.5	<.5	<.5	M	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
MAY													
03-03	<.5	<.5	<.5	<2	<1	<5	<1	<1	E1	<1	<2	E.1	<.5
19...	<.5	<.5	<.5	E1	<1	<5	<1	<1	E2	<1	<2	E.2	<.5
JUN													
10...	<.5	<.5	<.5	M	<1	<5	<1	<1	E1	M	<2	E.2	<.5
AUG													
31...	<.5	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
SEP													
15...	<.5	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone, water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Bisphe- nol A, water, fltrd, ug/L (62069)	Broma- cil, water, fltrd, ug/L (04029)	Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)
OCT													
22...	<.5	<.5	<.5	<.5	M	E1	<1	.5	E.1	<.5	<1	<.5	<.5
JAN													
05...	M	<.5	<.5	E.1	<2	<2	<1	<.5	E.1	<.5	<1	<.5	<.5
21...	M	<.5	<.5	<.5	<2	<2	<1	E.3	E.1	<.5	<1	<.5	<.5
FEB													
04...	M	<.5	<.5	E.1	<2	<2	<1	<.5	E.2	<.5	<1	<.5	<.5
MAR													
02...	<.5	<.5	<.5	<.5	<2	<2	<1	<.5	E.1	<.5	<1	<.5	<.5
23...	M	<.5	<.5	M	<2	M	<1	.6	E.2	<.5	<1	<.5	<.5
APR													
07...	M	<.5	<.5	<.5	<2	<2	M	<.5	E.1	M	<1	<.5	<.5
MAY													
03-03	<.5	<.5	<.5	E.1	E1	<2	<1	.6	E.2	M	<1	M	<.5
19...	<.5	<.5	<.5	<.5	2	2	<1	6.0	E.2	E.1	<1	<.5	<.5
JUN													
10...	M	E.1	<.5	E.1	E1	E2	M	.6	E.3	M	M	E.1	<.5
AUG													
31...	<.5	<.5	<.5	E.1t	<2	<2	<1	<.5	E.1t	<.5	<1	<.5	<.5
SEP													
15...	<.5	<.5	<.5	<.5	<2	<2	<1	<.5	E.1t	<.5	<1	<.5	<.5
Date	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)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)
OCT													
22...	M	<1.00	E.1	<.5	E4	M	<.5	M	<.5	<.5	<.5	<.5	<.5
JAN													
05...	<2	<1.00	E.1	<.5	<5	<1	<.5	<1	M	M	<.5	<.5	<.5
21...	<2	<1.00	E.1	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5
FEB													
04...	<2	<1.00	E.1	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5
MAR													
02...	M	<1.00	E.1	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5
23...	<2	<1.00	E.1	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5
APR													
07...	E1	<1.00	E.1	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5
MAY													
03-03	E2	<1.00	E.1	<.5	E3	M	<.5	M	M	<.5	<.5	<.5	M
19...	2	<1.00	E.1	<.5	E4	M	<.5	M	M	<.5	<.5	<.5	<.5
JUN													
10...	E1	E.2200	E.2	E.1	E6	M	<.5	M	E.1	<.5	M	<.5	M
AUG													
31...	<2	<1.00	E.2t	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5
SEP													
15...	<2	<1.00	E.1t	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, 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)	Prome-ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)
OCT													
22...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	<.5	<.5	<.5
JAN													
05...	<.5	<.5	E.1	<.5	<.5	<.5	<.5	<1	<2	<.5	<.5	<.5	M
21...	<.5	<.5	E.1	<.5	<.5	<.5	<.5	M	<2	<.5	E.3	<.5	<.5
FEB													
04...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	<.5	<.5	<.5
MAR													
02...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	1.1	<.5	<.5
23...	<.5	<.5	<.5	<.5	<.5	<.5	M	<1	<2	<.5	.7	<.5	<.5
APR													
07...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	<.5	<.5	<.5
MAY													
03-03	<.5	<.5	<.5	<.5	<.5	<.5	<.5	M	<2	<.5	.6	<.5	M
19...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	.7	<.5	M
JUN													
10...	<.5	<.5	<.5	<.5	M	<.5	<.5	M	<2	M	E.5	E.1	E.1
AUG													
31...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	<.5	<.5	<.5
SEP													
15...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	1.8	<.5	<.5

Date	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Tri-bromo-methane, water, fltrd, ug/L (34288)	Tri-butyl-phos-phate, water, fltrd, ug/L (62089)	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl-citrate, water, fltrd, ug/L (62091)	Tri-phenyl-phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phosphate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phosphate, wat flt ug/L (62087)	Tris(di-chloro-i-Pr) phosphate, wat flt ug/L (62088)	Di-chloro-vo-s, water fltrd, ug/L (38775)
OCT										
22...	<.5	<.5	<.5	<1	<.5	<.5	<.5	E.1	<.5	<1.00
JAN										
05...	<.5	<.5	E.1	<1	<.5	M	E.3	E.1	E.1	<1.00
21...	<.5	<.5	E.1	<1	<.5	M	E.3	E.1	E.1	<1.00
FEB										
04...	<.5	<.5	E.2	<1	<.5	E.1	E.4	E.1	E.1	<1.00
MAR										
02...	<.5	<.5	<.5	<1	<.5	<.5	E.4	<.5	E.1	<1.00
23...	<.5	<.5	E.1	<1	<.5	<.5	E.3	E.1	E.1	<1.00
APR										
07...	<.5	<.5	E.1	<1	<.5	<.5	E.2	E.1	E.1	<1.00
MAY										
03-03	M	<.5	E.1	<1	<.5	E.1	.5	E.1	E.1	<1.00
19...	M	<.5	E.2	<1	<.5	E.1	.6	E.2	E.2	<1.00
JUN										
10...	<.5	<.5	E.1	<1	<.5	E.1	E.5	E.1	E.2	<1.00
AUG										
31...	<.5	<.5	<.5	<1	<.5	<.5	<.5	<.5	<.5	--u
SEP										
15...	<.5	<.5	<.5	<1	<.5	<.5	<.5	<.5	<.5	--u

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Time	End time	Medium code	Hydro-logic event	Agency analyzing sample, code (00028)	Gage height, feet (00065)	Dis-charge, cfs (00060)	Turb-idity, IR LED light, det ang 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, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf 25 degC (00095)
OCT													
08...	1050	--	1	J	81350	6.67	391	260	749	--	--	6.6	44
08...	1115	--	1	J	81350	6.39	319	250	749	--	--	6.6	45
22...	0845	--	1	9	81350	3.85	10	5.9	755	8.2	84	7.1	143
NOV													
05-05	2105	2107	1	J	81350	7.52	607	360	--	6.6	--	6.8	86
NOV													
05-05	2150	2152	1	J	81350	8.02	817	360	--	6.6	--	6.8	70
NOV													
06-06	0050	0052	1	J	81350	6.46	313	250	--	6.8	--	6.6	50
JAN													
05...	0835	--	1	9	81350	4.06	18	5.5	--	9.8	--	6.7	122
21...	0947	--	1	9	81350	4.05	18	5.1	748	13.2	101	7.3	131
FEB													
04...	0852	--	1	J	81350	4.35	32	22	747	13.1	103	6.9	103
MAR													
02...	1012	--	1	9	81350	4.20	24	17	753	10.4	100	7.3	133
23...	0902	--	1	9	81350	4.06	16	10	757	10.7	92	7.5	143
APR													
07...	1445	--	1	9	81350	4.04	14	10	742	11.1	118	7.5	144
MAY													
03-03	1022	1037	1	J	81350	4.29	36	16	743	8.5	88	7.1	90
19...	1057	--	1	9	81350	3.93	14	8.1	752	7.4	86	7.1	128
MAY													
22-22	1742	1744	1	J	81350	6.12	258	--	--	--	--	--	140
MAY													
22-22	1826	1828	1	J	81350	7.24	560	1300	--	4.5	--	6.7	86
MAY													
22-22	1911	1913	1	J	81350	6.85	440	1300	--	5.5	--	6.4	65
MAY													
22-22	1956	1958	1	J	81350	6.29	296	1200	--	5.9	--	6.5	63
MAY													
22-22	2041	2043	1	J	81350	5.86	206	920	--	6.1	--	6.4	64
MAY													
22-22	2126	2128	1	J	81350	5.50	145	740	--	6.2	--	6.5	65
MAY													
22-22	2211	2213	1	J	81350	5.24	110	620	--	--	--	--	68
MAY													
22-22	2256	2258	1	J	81350	5.03	86	520	--	6.4	--	6.6	70

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Temperature, water, deg C (00010)	Alum- inum, suspnd sedimnt total, percent (30221)	Anti- mony, suspnd sedimnt total, ug/g (29816)	Arsenic suspnd sedimnt total, ug/g (29818)	Barium, suspnd sedimnt total, ug/g (29820)	Beryll- ium, suspnd sedimnt total, ug/g (29822)	Cadmium suspnd sedimnt total, ug/g (29826)	Chrom- ium, suspnd sedimnt total, ug/g (29829)	Cobalt, suspnd sedimnt total, ug/g (35031)	Copper, suspnd sedimnt total, ug/g (29832)	Iron, suspnd sedimnt total, percent (30269)	Lead, suspnd sedimnt total, ug/g (29836)	Lithium suspnd sedimnt total, ug/g (35050)
OCT													
08...	18.4	10	1.1	6.4	520	2	.5	47	18	39	4.7	58	31
08...	18.4	13	1.2	6.0	530	3	.5	47	18	44	4.9	57	35
22...	16.0	7.3	1.4	6.6	560	2	.3	58	24	40	5.5	39	23
NOV													
05-05	20.5	8.7	1.3	4.0	640	2	.3	41	19	37	4.0	53	28
NOV													
05-05	20.5	8.3	1.4	3.4	610	2	.2	30	17	37	3.5	45	24
NOV													
06-06	21.0	9.3	1.4	4.6	600	2	.2	33	17	37	3.9	42	28
JAN													
05...	14.5	6.5	6.0	5.3	620	2	1.1	180	40	60	6.8	73	20
21...	3.5	8.3	3.5	5.6	900	2	.7	110	17	52	7.6	220	25
FEB													
04...	4.5	10	1.6	7.9	500	2	.6	62	15	58	5.9	65	33
MAR													
02...	13.0	7.2	1.0	3.9	440	2	.2	63	17	210	6.5	61	27
23...	8.5	8.2	1.2	5.8	450	2	.5	86	21	330	7.4	50	31
APR													
07...	17.0	6.2	1.8	6.9	400	2	<.2	490	16	47	8.4	34	26
MAY													
03-03	16.0	7.8	.6	5.4	440	2	.3	--o	15	44	4.7	48	26
19...	22.0	8.3	3.6	7.8	510	2	.4	98	18	53	6.5	60	16
MAY													
22-22	23.4	7.5	2.2	3.3	630	2	.3	36	19	35	4.2	47	14
MAY													
22-22	23.0	9.8	2.0	3.9	560	2	.5	40	18	43	4.8	47	23
MAY													
22-22	22.6	12	3.0	6.2	520	2	.2	42	17	48	5.2	48	22
MAY													
22-22	22.3	12	2.3	5.2	500	3	.4	45	18	54	5.5	51	25
MAY													
22-22	22.3	12	2.5	5.3	500	3	.2	46	17	54	5.6	53	23
MAY													
22-22	22.3	13	2.5	5.7	490	3	.3	51	18	56	5.6	53	26
MAY													
22-22	22.3	12	3.0	5.7	460	2	.1	45	16	52	5.3	52	21
MAY													
22-22	22.3	12	3.2	7.9	450	2	.1	46	15	54	5.3	48	21

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Mangan- ese, suspnd sedimnt total, ug/g (29839)	Mercury suspnd sedimnt total, ug/g (29841)	Molyb- denum, suspnd sedimnt total, ug/g (29843)	Nickel, suspnd sedimnt total, ug/g (29845)	Selen- ium, suspnd sedimnt total, ug/g (29847)	Silver, suspnd sedimnt total, ug/g (29850)	Stront- ium, suspnd sedimnt total, ug/g (35040)	Thall- ium, suspnd sedimnt total, ug/g (49955)	Titan- ium, suspnd sedimnt total, percent (30317)	Vanad- ium, suspnd sedimnt total, ug/g (29853)	Zinc, suspnd sedimnt total, ug/g (29855)	Uranium suspnd sedimnt total, ug/g (35046)	Suspnd. sedimnt conc, flow through cntrfug mg/L (50279)
OCT													
08...	1800	.08	3	18	M	M	59	<50	.300	94	240	<50	9
08...	2000	.09	3	20	M	<.5	61	<50	.370	110	270	<50	8
22...	8000	.06	6	34	M	1	160	<50	.250	77	310	<50	.8
NOV													
05-05	3200	.06	3	18	M	<.5	100	<50	.320	91	260	<50	557
NOV													
05-05	2200	.05	3	22	M	<.5	93	<50	.300	87	250	<50	695
NOV													
06-06	1700	<.01	5	17	M	<.5	85	<50	.340	98	280	<50	391
JAN													
05...	14000	--o	17	96	M	<1	78	<100	.280	84	840	<100	2
21...	2200	.18	8	36	M	<2	82	<150	.310	95	450	<150	3
FEB													
04...	1400	.08	5	25	M	<1	56	<100	.330	120	310	<100	10
MAR													
02...	2300	.10	5	25	1	<1	86	<100	.280	86	360	<100	4
23...	3300	--o	6	38	1	<1	50	<100	.320	110	460	<100	3
APR													
07...	2800	.16	55	290	1	<1	220	<100	.240	76	390	<100	2
MAY													
03-03	1600	.19	--o	--o	1	<1	90	<100	.320	93	230	<100	11
19...	4000	.15	13	55	1	<1	130	<100	.310	96	360	<100	4
MAY													
22-22	6200	.06	4	17	M	<1	120	<100	.320	82	270	<100	813
MAY													
22-22	3000	.06	5	17	M	<.5	73	<50	.340	100	340	<50	2160
MAY													
22-22	1900	.07	6	20	1	<1	59	<100	.380	110	290	<100	1610
MAY													
22-22	1900	.08	6	20	1	<1	63	<100	.400	120	310	<100	1080
MAY													
22-22	1800	.09	7	21	1	<1	67	<100	.400	130	330	<100	808
MAY													
22-22	1900	.07	7	21	1	<1	77	<100	.410	120	300	<100	623
MAY													
22-22	1700	.13	7	20	1	<1	81	<100	.380	120	290	<100	518
MAY													
22-22	1600	.13	8	21	1	<1	90	<100	.380	130	300	<100	404

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336120 N.F. PEACHTREE CREEK AT BUFORD HWY, NEAR ATLANTA, GA—continued.

Date	Time	End time	Medium code	Hydro-logic event	Agency analyzing sample, code (00028)	Gage height, feet (00065)	Dis-charge, cfs (00060)	Turbidity, IR LED light, det ang 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, unfltrd field, std units (00400)	Specif. conduc-tance, wat unfltrd uS/cm 25 degC (00095)	
JUN	10...	1157	--	1	J	81350	4.16	23	80	752	7.0	84	7.0	79
JUL	24-24	1928	1930	1	J	81350	6.51	323	540	--	6.2	--	6.8	83
AUG	31...	0842	--	1	9	81350	3.73	5.6	3.0	747	6.6	79	6.5	119
SEP	15...	0947	--	1	9	81350	3.86	7.5	6.6	--	7.8	--	7.3	125

Date	Temper-ature, water, deg C (00010)	Alum-inum, suspnd sedimnt total, ug/g (30221)	Anti-mony, suspnd sedimnt total, ug/g (29816)	Arsenic suspnd sedimnt total, ug/g (29818)	Barium, suspnd sedimnt total, ug/g (29820)	Beryll-ium, suspnd sedimnt total, ug/g (29822)	Cadmium suspnd sedimnt total, ug/g (29826)	Chrom-ium, suspnd sedimnt total, ug/g (29829)	Cobalt, suspnd sedimnt total, ug/g (35031)	Copper, suspnd sedimnt total, ug/g (29832)	Iron, suspnd sedimnt total, percent (30269)	Lead, suspnd sedimnt total, ug/g (29836)	Lithium suspnd sedimnt total, ug/g (35050)	
JUN	10...	24.0	16	1.7	6.4	340	3	.4	60	15	44	5.9	59	41
JUL	24-24	26.1	9.5	1.9	4.8	560	3	.3	46	19	52	4.4	62	33
AUG	31...	23.0	8.7	2.1	10	430	2	.6	390	18	62	8.1	58	29
SEP	15...	21.0	8.3	1.1	8.3	460	2	.4	78	15	42	7.8	45	29

Date	Mangan-ese, suspnd sedimnt total, ug/g (29839)	Mercury suspnd sedimnt total, ug/g (29841)	Molyb-denum, suspnd sedimnt total, ug/g (29843)	Nickel, suspnd sedimnt total, ug/g (29845)	Selen-ium, suspnd sedimnt total, ug/g (29847)	Silver, suspnd sedimnt total, ug/g (29850)	Stront-ium, suspnd sedimnt total, ug/g (35040)	Thall-ium, suspnd sedimnt total, ug/g (49955)	Titan-ium, suspnd sedimnt total, percent (30317)	Vanad-ium, suspnd sedimnt total, ug/g (29853)	Zinc, suspnd sedimnt total, ug/g (29855)	Uranium suspnd sedimnt total, ug/g (35046)	Suspnd. sedimnt conc, flow through cntrfug mg/L (50279)	
JUN	10...	1300	.28	11	36	M	<.5	34	<50	.400	110	320	<50	31
JUL	24-24	2400	.10	2	23	1	<.5	91	<50	.410	100	330	<50	655
AUG	31...	3300	.10	43	240	2	<1	140	<100	.360	110	360	<100	2
SEP	15...	2700	.18	8	37	1	<1	190	<100	.350	94	330	<100	3

Remark codes used in this table:
 < -- Less than
 E -- Estimated value
 M -- Presence verified, not quantified

Value qualifier codes used in this table:
 k -- Counts outside acceptable range
 n -- Below the LRL and above the LT-MDL
 t -- Below the long-term MDL

Null value qualifier codes used in this table:
 u -- Unable to determine-matrix interference
 o -- Insufficient amount of water