

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, NEAR ATLANTA, GA

LOCATION.—Lat 33°44'36", long 84°34'06" referenced to North American Datum (NAD) of 1927, Fulton County, Hydrologic Unit Code 03130002, on the upstream side of the bridge on Great Southwest PKWY, 0.3 miles downstream from GA 70, and 0.3 miles upstream of confluence with the Chattahoochee River.

DRAINAGE AREA.—33.9 square miles.

COOPERATION.—City of Atlanta.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—June 22 1963 to July 25, 1995, January 27, 2000 to December 11, 2000, March 28, 2003 to current year.

REMARKS.—Medium code 9 indicates a surface water sample. Medium code 1 indicates a suspended sediment sample. Samples with out a 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.

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**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, NEAR ATLANTA, GA—
continued.**

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

Date	Time	End time	Medium code	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 saturation (00301)	pH, water, field, std units (00400)	Specif. conductance, wat unfiltred, uS/cm 25 degC (00095)		
OCT															
23...	0830	--	9	9	81345	3.00	15	7.0	758	7.8	77	7.2	131		
23...	0915	--	9	9	81345	3.01	16	7.1	758	7.7	77	7.2	131		
JAN															
08...	1215	--	9	9	81345	3.12	22	8.4	753	13.5	104	6.9	119		
08...	1235	--	9	9	81345	3.12	22	8.2	753	13.5	104	6.9	119		
15...	0910	--	9	9	81345	3.06	18	8.5	744	11.0	96	6.7	131		
15...	0930	--	9	9	81345	3.06	18	24	744	11.1	97	6.8	131		
FEB															
02-02	1633	1635	9	J	81345	3.89	150	91	--	13.0	--	6.9	55		
FEB	02-02	1900	1902	9	J	81345	3.96	163	110	--	12.7	--	6.8	113	
FEB	02-02	2135	2137	9	J	81345	4.78	317	440	--	12.8	--	6.8	73	
FEB															
03-03	0035	0037	9	J	81345	4.01	172	240	--	12.6	--	6.9	64		
05...	1045	--	9	9	81345	3.17	27	8.0	749	11.0	91	7.0	119		
05...	1100	--	9	9	81345	3.16	26	9.0	749	11.0	91	7.0	119		
FEB	06-06	0915	0917	9	J	81345	3.60	4.5	270	741	12.5	105	6.8	62	
FEB	06-06	0930	0940	9	J	81345	3.75	124	84	741	11.9	101	6.7	64	
FEB	06-06	0940	0945	9	J	81345	3.74	122	88	741	11.9	101	6.7	64	
FEB	06-06	1112	1114	9	J	81345	4.13	193	500	741	12.5	106	6.9	60	
FEB	06-06	1115	1135	9	J	81345	4.20	206	240	741	11.9	101	6.7	82	
FEB	06-06	1146	1150	9	J	81345	4.20	206	280	741	12.4	105	6.8	71	
09...	0950	--	9	9	81345	3.22	32	8.3	757	11.8	95	6.6	122		
09...	1000	--	9	9	81345	3.22	32	8.4	757	11.8	95	6.6	123		
MAR															
04...	1250	--	9	9	81345	3.32	44	14	749	10.3	106	7.2	109		
04...	1300	--	9	9	81345	3.31	41	14	749	10.4	107	7.2	109		
24...	0930	--	9	9	81345	3.04	17	12	761	11.8	107	7.7	130		
24...	0945	--	9	9	81345	3.04	17	13	763	11.9	108	7.6	130		
APR	26-26	0616	0618	9	J	81345	3.51	75	130	--	9.5	--	6.9	100	
APR	26-26	1549	1551	9	J	81345	3.56	85	55	--	9.6	--	7.1	118	
APR	26-26	1946	1948	9	J	81345	3.54	83	60	--	9.5	--	7.1	119	
MAY	01-01	2315	2317	9	J	81345	3.69	111	110	--	9.8	--	7.1	92	
MAY	02-02	0320	0322	9	J	81345	5.67	497	1500	--	9.0	--	6.7	62	
MAY	02-02	0450	0452	9	J	81345	5.05	375	870	--	9.1	--	6.6	60	
MAY	02-02	0750	0752	9	J	81345	4.05	179	350	--	9.6	--	6.7	56	
MAY	16-16	1958	2000	9	J	81345	4.22	210	3300	--	3.6	--	7.1	124	
MAY	16-16	2128	2130	9	J	81345	5.69	5.1	1600	--	4.5	--	6.5	53	
MAY	16-16	2258	2300	9	J	81345	4.42	246	820	--	4.5	--	6.7	65	
MAY	17-17	0028	0030	9	J	81345	3.95	161	620	--	4.6	--	6.7	67	
MAY	17-17	0214	0216	9	J	81345	3.68	109	440	--	5.0	--	6.7	64	
MAY	17-17	1300	1302	9	J	81345	3.79	133	400	--	4.4	--	6.8	68	
MAY	17-17	1446	1448	9	J	81345	3.70	113	160	--	4.5	--	6.8	69	
MAY	17-17	1615	1617	9	J	81345	4.16	198	670	--	4.5	--	6.8	61	

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**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, NEAR ATLANTA, GA—
continued.**

Date	Noncarb										Alka-				
	Temper- ature, deg C (00010)	Hard- ness, mg/L as CaCO ₃ (00900)	Hard- ness, wat flt lab, mg/L as CaCO ₃ (00905)	Calcium water, mg/L (00915)	Magnes- ium, water, mg/L (00925)	Potas- sium, water, mg/L (00935)	Sodium adsorp- tion mg/L (00931)	Sodium water, mg/L (00930)	Sodium, water, mg/L (00932)	Gran- wat flt lab, mg/L as CaCO ₃ (29803)	Bromide water, mg/L (71870)	Chlor- ide, water, mg/L (00940)	Silica, water, mg/L (00955)		
OCT 23...	15.0	40	--	10.5	3.34	3.03	.5	7.26	27	40.3	M	6.60	18.5		
23...	15.0	41	.0	10.6	3.44	3.06	.5	7.67	27	40.2	M	6.70	19.0		
JAN 08...	4.0	63	36	16.9	5.04	3.40	.6	11.5	27	27.2	.5	14.3	15.2		
08...	4.0	67	49	18.1	5.24	3.92	.7	12.7	28	17.4	.4	11.4	14.1		
15...	8.5	49	14	12.7	4.14	2.53	.4	6.94	22	34.5	.1	9.05	14.3		
15...	8.5	36	2	10.6	2.34	2.65	.4	5.68	24	33.6	<.02	8.18	12.9		
FEB 02-02	5.1	14	3	3.99	.90	1.02	.3	2.85	29	10.4	<.02	3.11	5.87		
FEB 02-02	5.3	34	16	8.92	2.87	2.02	.4	5.18	24	17.8	<.02	6.96	12.4		
FEB 02-02	4.9	23	7	6.22	1.69	2.04	.4	3.93	25	15.8	<.02	4.59	8.64		
FEB 03-03	5.3	21	5	5.70	1.56	2.06	.3	3.45	24	15.5	<.02	3.53	7.62		
05...	6.5	36	5	9.55	2.94	2.31	.5	6.23	26	31.5	<.02	6.77	18.5		
05...	6.5	37	6	9.76	3.00	2.32	.5	6.70	27	31.3	<.02	7.37	18.6		
FEB 06-06	6.8	18	5	5.18	1.24	1.41	.3	3.28	26	13.2	<.02	3.73	8.17		
FEB 06-06	7.0	19	5	5.35	1.34	1.44	.3	3.49	27	14.4	<.02	3.77	8.14		
FEB 06-06	7.0	19	5	5.47	1.37	1.50	.4	3.58	27	14.5	<.02	3.76	8.32		
FEB 06-06	6.9	19	7	5.39	1.40	1.49	.3	3.03	24	11.8	<.02	3.45	7.25		
FEB 06-06	7.0	21	8	5.81	1.62	1.70	.3	3.27	23	12.8	<.02	3.89	8.09		
FEB 06-06	7.0	24	9	6.42	1.82	1.86	.3	3.22	21	14.6	<.02	4.62	9.18		
09...	6.0	37	5	9.77	2.95	2.35	.4	6.25	26	31.2	<.02	6.68	18.5		
09...	5.7	36	5	9.70	2.94	2.36	.5	6.41	26	31.2	<.02	6.65	18.5		
MAR 04...	16.0	40	10	10.6	3.32	2.61	.5	6.60	25	30.8	<.02	6.53	12.0		
04...	16.0	36	4	9.28	2.98	2.14	.4	5.42	24	31.5	<.02	6.05	17.1		
24...	11.0	42	4	11.3	3.19	2.31	.5	7.70	27	37.5	.1	8.45	16.2		
24...	11.0	43	6	11.8	3.34	2.51	.6	8.33	28	37.3	<.02	8.35	16.7		
APR 26-26	20.0	25	6	7.31	1.63	2.16	.4	4.29	25	18.7	M	3.91	10.6		
APR 26-26	19.0	37	6	10.1	2.88	2.85	.5	6.86	27	30.8	.1	6.39	17.3		
APR 26-26	18.5	37	7	10.2	2.72	3.40	.5	7.06	27	29.4	M	6.42	16.1		
MAY 01-01	20.0	22	7	6.22	1.56	2.07	.5	4.92	30	15.5	M	4.09	10.3		
MAY 02-02	19.0	19	3	5.42	1.39	2.68	.3	3.40	25	16.2	M	3.22	8.04		
MAY 02-02	19.0	19	6	5.54	1.28	2.93	.4	3.78	26	13.0	<.02	2.85	6.85		
MAY 02-02	19.0	16	4	4.54	1.04	2.69	.3	3.00	25	11.7	<.02	2.39	5.35		
MAY 16-16	21.5	37	--	9.91	2.85	3.45	.5	7.27	28	36.6	.1	6.38	20.2		
MAY 16-16	18.0	18	4	5.07	1.34	3.33	.3	3.28	24	14.7	<.02	3.41	8.75		
MAY 16-16	19.5	23	9	6.87	1.48	3.96	.4	4.98	28	14.1	M	4.48	10.2		
MAY 17-17	20.0	22	7	6.40	1.38	3.82	.4	4.32	26	14.4	<.02	4.59	8.12		
MAY 17-17	20.0	23	11	6.88	1.41	4.18	.4	4.76	27	12.5	<.02	3.87	8.18		
MAY 17-17	22.0	22	10	6.97	1.19	3.49	.4	4.85	28	12.3	M	3.16	7.25		
MAY 17-17	21.5	21	4	5.92	1.42	3.03	.4	3.83	25	16.9	M	3.76	9.35		
MAY 17-17	21.0	17	3	4.97	1.19	3.17	.3	3.33	25	14.0	M	2.80	9.12		

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**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, NEAR ATLANTA, GA—
continued.**

Date	Sulfate mg/L (00945)	Residue water, fltrd, sum of water, consti- tuents mg/L (70301)	Residue water, fltrd, tons/ acre-ft (70303)	Ammonia mg/L (71846)	Ammonia water, fltrd,	Nitrate mg/L as N (00608)	Nitrite mg/L as N (00618)	Ortho- phos- phate, water, fltrd,	Phos- phorus, water, fltrd,	Total nitro- gen, wat flt by anal	E coli, Defined Substr. Tech., MPN/ 100 mL (50468)	Fecal coli- form, M-FC Tech., MPN/ 100 mL (31625)	Total coli- form, Defined Tech., MPN/ 100 mL (50569)
OCT													
23...	10.6	86	.12	.06	.046	.26	<.020	<.100	<.10	.49	--	--	--
23...	10.9	87	.12	.05	.040	.26	<.020	<.100	<.10	.47	750	930k	23600
JAN													
08...	44.1	135	.18	.08	.066	1.48	<.020	<.100	<.10	.58	320	170	4570
08...	61.0	146	.20	.08	.065	1.70	<.020	<.100	<.10	.56	--	--	--
15...	22.2	98	.13	.08	.060	1.11	<.020	<.100	.20	.71	--	--	--
15...	8.6	74	.10	.07	.055	.55	<.020	<.100	<.10	.65	150	150	2300
FEB													
02-02	5.3	31	.04	.15	.113	.33	<.020	<.100	<.10	.56	--	--	--
FEB													
02-02	23.2	75	.10	.23	.175	.44	<.020	<.100	<.10	.82	--	--	--
FEB													
02-02	10.3	50	.07	.08	.065	.55	<.020	<.100	<.10	.81	--	--	--
FEB													
03-03	7.4	43	.06	.15	.117	.48	<.020	<.100	<.10	.84	--	--	--
05...	11.9	80	.11	.18	.138	.59	<.020	<.100	<.10	.80	--	--	--
05...	12.2	82	.11	.08	.061	.58	<.020	<.100	<.10	.82	4600	1900	11000
FEB													
06-06	6.6	40	.05	.11	.083	.49	<.020	<.100	<.10	.70	--	--	--
FEB													
06-06	6.7	41	.06	.14	.108	.47	<.020	<.100	<.10	.81	1400	700	3020
FEB													
06-06	6.8	42	.06	.14	.109	.48	<.020	<.100	<.10	.78	--	--	--
FEB													
06-06	9.4	41	.06	.10	.078	.36	<.020	<.100	<.10	.59	--	--	--
FEB													
06-06	11.0	45	.06	.14	.107	.38	<.020	<.100	<.10	.65	850	970	2600
FEB													
06-06	13.0	51	.07	.15	.114	.41	<.020	<.100	<.10	.74	--	--	--
09...	12.4	81	.11	.11	.083	.65	<.020	<.100	<.10	.86	1000	140	4060
09...	12.6	81	.11	.11	.087	.65	<.020	<.100	<.10	.90	--	--	--
MAR													
04...	9.9	72	.10	--	<.020	.31	<.020	<.100	<.10	.41	110	97	1850
04...	9.9	73	.10	--	<.020	.31	<.020	<.100	<.10	.54	--	--	--
24...	12.6	86	.12	--	<.020	.25	<.020	<.100	<.10	.28	540	230	3800
24...	12.5	88	.12	--	<.020	.25	<.020	<.100	<.10	.34	--	--	--
APR													
26-26	10.1	54	.07	.04	.032	.55	.030	<.100	<.10	1.20	--	--	--
APR													
26-26	13.3	81	.11	.08	.065	.52	.030	<.100	<.10	.82	--	--	--
APR													
26-26	14.0	81	.11	.07	.055	.68	.050	<.100	<.10	1.01	--	--	--
MAY													
01-01	7.2	48	.06	--	<.020	.42	.020	<.100	<.10	1.11	--	--	--
MAY													
02-02	7.9	46	.06	.07	.053	.91	<.020	<.100	<.10	1.83	--	--	--
MAY													
02-02	6.9	41	.06	.07	.057	.53	.030	<.100	<.10	1.08	--	--	--
MAY													
02-02	5.4	34	.05	.07	.052	.45	.020	<.100	<.10	.98	--	--	--
MAY													
16-16	10.6	85	.12	.03	.027	.43	<.020	<.100	<.10	1.00	--	--	--
MAY													
16-16	10.0	47	.06	.07	.051	.52	.020	<.100	<.10	1.67	--	--	--
MAY													
16-16	8.9	53	.07	.05	.040	.58	<.020	<.100	<.10	1.70	--	--	--
MAY													
17-17	8.1	49	.07	.05	.037	.89	<.020	<.100	<.10	1.80	--	--	--
MAY													
17-17	7.7	48	.07	.05	.035	.85	<.020	<.100	<.10	1.52	--	--	--
MAY													
17-17	6.8	44	.06	.04	.030	.55	.020	<.100	<.10	1.75	--	--	--
MAY													
17-17	7.9	48	.06	.05	.040	.49	.020	<.100	<.10	.99	--	--	--
MAY													
17-17	6.2	43	.06	.05	.039	.53	.030	<.100	<.10	.99	--	--	--

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**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, 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			
23...	84.4	<100	70
23...	85.8	<100	70
JAN			
08...	60.2	180	70
08...	56.7	110	80
15...	41.6	150	60
15...	<30.0	<100	50
FEB			
02-02	35.7	<100	20
FEB			
02-02	41.5	150	60
FEB			
02-02	33.0	210	40
FEB			
03-03	26.6	230	30
05...	38.1	150	60
05...	62.2	170	60
FEB			
06-06	28.6	160	30
FEB			
06-06	28.2	<100	30
FEB			
06-06	39.9	<100	30
FEB			
06-06	33.1	110	30
FEB			
06-06	28.0	<100	30
FEB			
06-06	18.1	100	40
09...	38.8	100	60
09...	38.7	<100	60
MAR			
04...	19.6	120	80
04...	34.5	110	70
24...	71.5	200	80
24...	86.5	160	90
MAR			
30-30	--	--	--
MAR			
30-30	--	--	--
MAR			
30-30	--	--	--
MAR			
30-30	--	--	--
MAR			
30-30	--	--	--
MAR			
30-30	--	--	--
APR			
26-26	46.7	170	50
APR			
26-26	68.9	190	70
APR			
26-26	73.4	140	70
MAY			
01-01	96.1	<100	40
MAY			
02-02	74.5	120	40
MAY			
02-02	91.6	140	40
MAY			
02-02	66.4	190	30
MAY			
16-16	31.6	<100	70
MAY			
16-16	42.2	330	30
MAY			
16-16	54.8	360	40
MAY			
17-17	13.7	<100	40
MAY			
17-17	49.6	130	40
MAY			
17-17	79.1	<100	40
MAY			
17-17	27.6	<100	40
MAY			
17-17	39.7	360	30

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Date	Time	End time	Medium code	Hydro-logic event	Agency analyzing sample, (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)	Disolved oxygen, percent of saturation (00301)	Dis-	pH, water, unfiltrd field, std units (00400)	Specif.		
												solved oxygen, (00300)	water, unfiltrd field, std units (00400)	conductance, wat unf (00095) uS/cm 25 degC		
MAY																
JUN 17-17	1746	1748	9	J	81345	3.75	124	680	--	4.8	--	6.7	--	50		
JUN 15-15	1521	1523	9	J	81345	3.39	7.0	95	--	7.6	--	7.0	--	87		
JUN 15-15	1845	1847	9	J	81345	3.51	187	110	--	7.7	--	6.9	--	79		
JUN 15-15	2015	2017	9	J	81345	4.62	157	750	--	7.1	--	6.8	--	75		
JUN 15-15	2145	2147	9	J	81345	4.21	119	E900	--	E7.1	--	--	--	E62		
JUN 16-16	0045	0047	9	J	81345	3.68	63	360	--	7.3	--	6.7	--	68		
JUN 16-16	0215	0217	9	J	81345	3.53	49	240	--	7.3	--	6.7	--	67		
JUN 17-17	0115	0117	9	J	81345	3.54	28	160	--	7.5	--	7.0	--	92		
JUN 17-17	0245	0247	9	J	81345	3.76	126	130	--	7.7	--	7.0	--	94		
JUN 17-17	0415	0417	9	J	81345	3.67	107	250	--	7.5	--	6.9	--	82		
JUN 17-17	0545	0547	9	J	81345	3.54	81	290	--	7.5	--	6.9	--	77		
JUL 27...	0825	--	9	J	81345	3.49	71	50	750	7.2	89	7.0	87			
JUL 27...	0830	--	9	J	81345	3.49	71	50	750	7.2	89	7.0	87			
AUG 02...	0825	--	9	9	81345	2.96	12	11	749	7.5	92	7.1	127			
02...	0830	--	9	9	81345	2.96	12	10	749	7.4	90	7.1	127			
16...	0910	--	9	J	81345	3.20	10	190	747	7.5	88	6.8	62			
16...	0915	--	9	J	81345	3.20	30	190	747	7.5	88	6.8	62			
SEP 14...	0730	--	9	9	81345	2.95	11	4.6	752	7.8	88	7.0	125			
Noncarb hard-																
Date	Temper-ature, water, deg C (00010)	Hard-ness, water, lab, mg/L as CaCO3 (00900)	Wat flt, mg/L as CaCO3 (00905)	Calcium, 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, water, fltrd, mg/L (00932)	Sodium, percent (29803) (00932)	Alka-linity, wat flt Gran, lab, mg/L as CaCO3 (71870)	Bromide, water, fltrd, mg/L (00940)	Chlor-ide, water, fltrd, mg/L (00955)	Silica, water, fltrd, mg/L (00955)		
MAY																
JUN 17-17	20.5	15	3	4.16	1.03	3.34	.3	2.49	22	12.1	<.02	2.28	8.00			
JUN 15-15	26.0	17	3	5.40	.92	3.21	.5	4.71	32	14.1	<.01	2.2	8.90			
JUN 15-15	24.0	29	7	8.30	1.89	3.00	.5	5.67	28	21.3	<.01	3.5	15.8			
JUN 15-15	24.5	25	5	7.40	1.59	3.34	.5	5.32	28	20.2	<.01	3.1	14.9			
JUN 15-15	--	21	6	6.20	1.35	3.50	.4	3.85	25	15.0	<.01	2.6	10.9			
JUN 16-16	24.0	22	6	6.50	1.38	3.43	.4	4.51	27	16.3	<.01	2.9	11.1			
JUN 16-16	24.0	22	6	6.50	1.40	3.53	.4	4.58	27	16.3	<.01	2.8	11.3			
JUN 17-17	24.5	34	7	9.90	2.21	3.65	.5	6.35	26	27.2	<.01	4.1	18.5			
JUN 17-17	25.0	36	7	10.6	2.27	3.88	.5	6.30	25	28.7	<.01	4.5	20.2			
JUN 17-17	24.0	27	5	8.10	1.66	3.36	.4	5.11	26	21.7	<.01	3.2	15.6			
JUN 17-17	24.0	22	2	6.40	1.50	3.06	.3	3.62	23	19.8	<.01	2.9	11.1			
JUL 27...	25.0	28	2	7.60	2.17	3.15	.4	4.85	25	26.0	<.01	3.5	13.7			
JUL 27...	25.0	26	--	6.90	2.06	2.89	.3	3.99	23	25.8	<.01	3.5	13.1			
AUG 02...	24.5	41	3	11.4	3.09	3.15	.5	7.23	26	38.7	M	5.5	20.8			
02...	24.0	43	4	11.8	3.15	3.19	.5	7.64	26	38.9	M	5.5	20.7			
16...	22.0	19	3	5.30	1.27	2.61	.3	3.22	24	15.2	<.01	2.3	8.82			
16...	22.0	19	4	5.40	1.27	2.71	.3	3.11	23	15.0	<.01	2.2	8.97			
SEP 14...	20.5	--	--	--	--	--	--	--	--	31.9	.1	5.48	--			

APALACHICOLA RIVER BASIN 2004 Water Year

**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, NEAR ATLANTA, GA—
continued.**

APALACHICOLA RIVER BASIN
2004 Water Year

**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, NEAR ATLANTA, GA—
continued.**

Date	Time	Hydro-logic event	Agency sample, code (00028)	Gage height, feet (00065)	Dis-charge, cfs (00060)	Turb-idity, IR LED light, deg, FNU (63680)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	unfltrd field, wat er, std units (00400)	pH, wat er, 25 degC (00095)	Specif. conductance, uS/cm (00095)	Temper-ature, deg C (00010)	Alum-inum, water, fltrd, ug/L (01106)	Cadmium, water, fltrd, ug/L (01025)
OCT														
23...	0831	9	80020	3.00	15	7.0	758	7.8	7.2	131	15.0	4	<.04	
23...	0916	9	80020	3.01	16	7.1	758	7.7	7.2	131	15.0	4	<.04	
JAN														
08...	1216	9	80020	3.12	22	8.4	753	13.5	6.9	119	4.0	8	.04	
08...	1236	9	80020	3.12	22	8.2	753	13.5	6.9	119	4.0	10	E.04n	
15...	0911	9	80020	3.06	18	8.5	744	11.0	6.7	131	8.5	5	.04	
15...	0931	9	80020	3.06	18	24	744	11.1	6.8	131	8.5	6	E.04n	
FEB														
02-02	1634	J	80020	3.89	150	91	--	13.0	6.9	55	5.1	13	.07	
05...	1046	9	80020	3.17	27	8.0	749	11.0	7.0	119	6.5	9	.04	
05...	1101	9	80020	3.16	26	9.0	749	11.0	7.0	119	6.5	10	E.04n	
FEB														
06-06	0931	J	80020	3.75	124	84	741	11.9	6.7	64	7.0	13	.05	
FEB														
06-06	0941	J	80020	3.74	122	88	741	11.9	6.7	64	7.0	14	.06	
FEB														
06-06	1116	J	80020	4.20	206	240	741	11.9	6.7	82	7.0	15	.12	
FEB														
06-06	1147	J	80020	4.20	206	280	741	12.4	6.8	71	7.0	15	.16	
09...	0951	9	80020	3.22	32	8.3	757	11.8	6.6	122	6.0	10	E.04n	
09...	1001	9	80020	3.22	32	8.4	757	11.8	6.6	123	5.7	8	E.04n	
MAR														
04...	1251	9	80020	3.32	44	14	749	10.3	7.2	109	16.0	8	E.02n	
04...	1301	9	80020	3.31	41	14	749	10.4	7.2	109	16.0	8	<.04	
24...	0931	9	80020	3.04	17	12	761	11.8	7.7	130	11.0	7	E.03n	
24...	0946	9	80020	3.04	17	13	763	11.9	7.6	130	11.0	7	E.04n	
APR														
26-26	0617	J	80020	3.51	75	130	--	9.5	6.9	100	20.0	62	.05	
MAY														
17-17	1301	J	80020	3.79	133	400	--	4.4	6.8	68	22.0	18	E.03n	
MAY														
17-17	1616	J	80020	4.16	198	670	--	4.5	6.8	61	21.0	11	<.04	
JUL														
27...	0826	J	80020	3.49	71	50	750	7.2	7.0	87	25.0	7	<.04	
27...	0831	J	80020	3.49	71	50	750	7.2	7.0	87	25.0	8	<.04	
AUG														
02...	0826	9	80020	2.96	12	11	749	7.5	7.1	127	24.5	4	<.04	
02...	0831	9	80020	2.96	12	10	749	7.4	7.1	127	24.0	4	<.04	
16...	0911	J	80020	3.20	30	190	747	7.5	6.8	62	22.0	14	<.04	
16...	0916	J	80020	3.20	30	190	747	7.5	6.8	62	22.0	17	<.04	
SEP														
14...	0731	9	80020	2.95	11	4.6	752	7.8	7.0	125	20.5	4	<.04	

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**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, NEAR ATLANTA, GA—
continued.**

Date	Chrom- ium, water, ug/L (01030)	Copper, water, ug/L (01040)	Lead, water, ug/L (01049)	Mangan- ese, water, ug/L (01056)	Nickel, water, ug/L (01065)	Silver, water, ug/L (01075)	Zinc, water, ug/L (01090)
OCT							
23...	<.8	.8	<.08	186	1.01	<.2	101
23...	<.8	1.0	<.08	179	.93	<.2	99.8
JAN							
08...	<.8	1.4	.09	216	1.15	<.2	205
08...	<.8	1.2	.10	214	.96	<.2	191
15...	<.8	.8	.10	257	1.02	<.2	167
15...	<.8	.8	E.08n	275	1.14	<.2	201
FEB							
02-02	<.8	1.7	.23	79.2	3.14	<.2	85.9
05...	<.8	1.2	.10	177	.97	<.2	173
05...	<.8	1.2	.11	174	.94	<.2	174
FEB							
06-06	<.8	1.6	.24	84.7	.66	<.2	84.8
FEB							
06-06	<.8	1.5	.23	87.8	.66	<.2	90.4
FEB							
06-06	<.8	2.0	.11	200	2.13	<.2	643
FEB							
06-06	<.8	2.3	.11	225	2.54	<.2	940
09...	<.8	1.4	.11	190	.99	<.2	164
09...	<.8	1.4	.09	192	1.00	<.2	163
MAR							
04...	<.8	1.3	E.08n	130	.86	<.2	84.8
04...	<.8	1.3	E.06n	134	.87	<.2	87.3
24...	<.8	1.1	.19	258	1.04	<.2	173
24...	<.8	1.1	.22	262	1.05	<.2	174
APR							
26-26	<.8	6.1	.47	195	1.59	<.2	114
MAY							
17-17	<.8	3.7	.34	85.0	.91	<.2	37.8
MAY							
17-17	<.8	2.8	.26	2.9	.55	<.2	6.5
JUL							
27...	<.8	1.7	.12	73.5	.62	<.2	18.6
27...	<.8	1.9	.11	70.5	.69	<.2	18.2
AUG							
02...	<.8	1.3	<.08	244	.87	<.2	77.5
02...	<.8	1.2	<.08	277	.87	<.2	78.7
16...	<.8	2.4	.24	44.3	.64	<.2	27.0
16...	<.8	2.4	.30	42.0	.61	<.2	25.2
SEP							
14...	<.8	1.5	<.08	224	.66	<.2	83.0

Date	Time	End time	Turbi- dity, Agency ana- lyzing sample, code (00028)	Gage height, feet (00065)	Baro- metric light, det ang 90 deg, FNU (63680)	Dis- solved pres- sure, mm Hg (00025)	pH, dis- solved oxy- gen, mg/L (00300)	Specif. unfltrd percent of sat- uration (00301)	Temper- ature, wat unf std units (00400)	1,4-Di- chloro- benzene water, ug/L (00010)	Methyl- naphth- alene, water, ug/L (34572)
OCT											
23...	0916	--	80020	3.01	7.1	758	7.7	77	7.2	131	15.0
JAN											
08...	1216	--	80020	3.12	8.4	753	13.5	104	6.9	119	4.0
15...	0931	--	80020	3.06	24	744	11.1	97	6.8	131	8.5
FEB											
05...	1101	--	80020	3.16	9.0	749	11.0	91	7.0	119	6.5
FEB											
06-06	0931	0941	80020	3.75	84	741	11.9	101	6.7	64	7.0
FEB											
06-06	1116	1136	80020	4.20	240	741	11.9	101	6.7	82	7.0
09...	0951	--	80020	3.22	8.3	757	11.8	95	6.6	122	6.0
MAR											
04...	1251	--	80020	3.32	14	749	10.3	106	7.2	109	16.0
24...	0931	--	80020	3.04	12	761	11.8	107	7.7	130	11.0
JUL											
27...	0831	--	80020	3.49	50	750	7.2	89	7.0	87	25.0
AUG											
02...	0831	--	80020	2.96	10	749	7.4	90	7.1	127	24.0
16...	0916	--	80020	3.20	190	747	7.5	88	6.8	62	22.0
SEP											
14...	0731	--	80020	2.95	4.6	752	7.8	88	7.0	125	20.5

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**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, NEAR ATLANTA, GA—
continued.**

Date	2,6-Dimethyl-naphthalene, water, ug/L (62055)	2-Methyl-naphthalene, water, ug/L (62056)	3-beta-Copros-alene, water, ug/L (62057)	3-Methyl-indole, water, ug/L (62058)	3-tert-Butyl-anisole, water, ug/L (62059)	4-Hydroxy-phenol, water, ug/L (62060)	4-Cumyloxy-phenol, water, ug/L (62061)	4-Octyl-phenol, water, ug/L (62061)	4-Nonyl-phenol, water, ug/L (62062)	4-Tert-octyl-phenol, water, ug/L (62062)	5-Methyl-1H-phenol, water, ug/L (62063)	9,10-Anthraquinone, water, ug/L (62066)	Acetophenone, water, ug/L (62064)	AHTN, water, ug/L (62065)
OCT 23...	<.5	<.5	<2	M	<5	<1	<1	<5	<1	<2	<.5	<.5	E.1	
JAN 08...	<.5	<.5	<2	M	<5	<1	<1	<5	<1	<2	<.5	<.5	M	
15...	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5	M	
FEB 05...	<.5	M	<2	M	<5	<1	<1	<5	<1	<2	<.5	<.5	M	
FEB 06-06	M	M	<2	<1	<5	<1	<1	<5	<1	<2	E.2	E.1	M	
FEB 06-06	M	M	<2	<1	<5	<1	<1	<5	<1	<2	E.2	<.5	<.5	
09...	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5	M	
MAR 04...	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5	<.5	
24...	<.5	M	<2	M	<5	<1	<1	<5	<1	<2	<.5	<.5	M	
JUL 27...	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5	<.5	
AUG 02...	<.5	Mt	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5	<.5	
16...	<.5	Mt	<1	<5	<1	<1	<5	<1	<1	<2	E.1t	<.5	Mt	
SEP 14...	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5	<.5	
Date	Anthracene, water, ug/L (34221)	Benzo[a]-pyrene, water, ug/L (34248)	Benzo-phenone, water, ug/L (62067)	beta-Sitoseterol, water, ug/L (62068)	beta-Stigmaranol A, water, ug/L (62086)	Bisphe-nol A, water, ug/L (62069)	Bromo-cil, water, ug/L (62069)	Caf-feine, water, ug/L (04029)	Camphor, water, ug/L (50305)	Car-baryl, water, ug/L (62070)	Carba-zole, water, ug/L (82680)	Chlor-pyrifos, water, ug/L (62071)	Choles-terol, water, ug/L (38933)	Choles-terol, water, ug/L (62072)
OCT 23...	<.5	<.5	<.5	<2	<2	<1	.5	M	<.5	<1	<.5	<.5	<2	
JAN 08...	M	<.5	<.5	<2	<2	<1	<.5	E.1	<.5	<1	M	<.5	M	
15...	<.5	<.5	<.5	<2	<2	<1	E.4	M	<.5	<1	M	<.5	<2	
FEB 05...	<.5	<.5	E.1	<2	<2	<1	E.4	E.1	<.5	<1	<.5	<.5	<2	
FEB 06-06	<.5	<.5	<.5	<2	<2	<1	<.5	E.3	<.5	<1	M	<.5	<2	
FEB 06-06	<.5	<.5	E.1	<2	<2	<1	<.5	E.2	E.1	<1	M	<.5	<2	
09...	<.5	<.5	<.5	<2	<2	<1	<.5	E.1	<.5	<1	<.5	<.5	<2	
MAR 04...	<.5	<.5	<.5	<2	<2	<1	<.5	<.5	<.5	<1	<.5	<.5	<2	
24...	M	<.5	<.5	<2	<2	<1	.6	E.1	M	<1	M	<.5	<2	
JUL 27...	<.5	<.5	<.5	<2	<2	<1	<.5	<.5	<.5	<1	<.5	<.5	<2	
AUG 02...	<.5	<.5	<.5	<2	<2	<1	<.5	Mt	Mt	<1	<.5	<.5	Mt	
16...	Mt	<.5	E.1t	Elt	Elt	Mt	<.5	E.1t	Mt	Mt	Mt	<.5	Elt	
SEP 14...	<.5	<.5	<.5	<2	<2	<1	<.5	<.5	<.5	<1	<.5	<.5	<2	

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**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, NEAR ATLANTA, GA—
continued.**

Date	Cot-inine, water, ug/L (62005)	DEET, water, ug/L (62082)	Diazi-non, water, ug/L (39572)	Diethoxy-nonyl-phenol, water, ug/L (62083)	Diethoxy-octyl-phenol, water, ug/L (61705)	D-Limo-nene, water, ug/L (62073)	Ethoxy-octyl-phenol, water, ug/L (61706)	Fluor-anthene, water, ug/L (34377)	HHCB, water, ug/L (62075)	Indole, water, ug/L (62076)	Isoborneol, water, ug/L (62077)	Iso-phorone, water, ug/L (34409)	Iso-propylbenzene, water, ug/L (62078)
OCT 23...	<1.00	E.1	<.5	<5	<1	<.5	<1	<.5	E.1	<.5	<.5	<.5	<.5
JAN 08...	<1.00	E.1	<.5	<5	<1	<.5	<1	M	M	<.5	<.5	<.5	<.5
15...	<1.00	E.1	<.5	<5	<1	<.5	<1	<.5	M	<.5	<.5	<.5	<.5
FEB 05...	<1.00	E.1	<.5	<5	<1	<.5	<1	M	E.1	<.5	<.5	<.5	<.5
FEB 06-06	<1.00	E.1	<.5	<5	<1	<.5	<1	E.1	<.5	<.5	<.5	M	<.5
FEB 06-06	<1.00	E.1	<.5	<5	<1	<.5	<1	E.1	<.5	<.5	E.1	<.5	<.5
09...	<1.00	E.1	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5	<.5
MAR 04...	<1.00	<.5	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5	<.5
24...	<1.00	M	<.5	<5	<1	<.5	<1	<.5	M	<.5	<.5	<.5	<.5
JUL 27...	<1.00	<.5	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5	<.5
AUG 02...	<1.00	E.1t	<.5	<5	<1	<.5	<1	Mt	<.5	<.5	<.5	<.5	<.5
16...	<1.00	E.4t	<.5	E2t	Mt	<.5	Mt	Mt	Mt	<.5	Mt	Mt	<.5
SEP 14...	<1.00	E.1t	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5	<.5

Date	Iso-quinoline, water, ug/L (62079)	Menthol water, ug/L (62080)	Meta-laxyl, water, ug/L (50359)	Methyl salicylate, water, ug/L (62081)	Metola-chlor, water, ug/L (39415)	Naphth-alene, water, ug/L (34443)	p-Cresol, water, ug/L (62084)	Penta-chloro-phenol, water, ug/L (34459)	Phenanthrene, water, ug/L (34462)	Phenol, water, ug/L (34466)	Prometon, water, ug/L (04037)	Pyrene, water, ug/L (34470)	Tetra-chloroethene, water, ug/L (34476)
OCT 23...	<.5	<.5	<.5	<.5	<.5	<.5	M	<2	<.5	E.2	<.5	<.5	<.5
JAN 08...	<.5	<.5	<.5	<.5	<.5	E.1	M	M	M	E.2	<.5	M	<.5
15...	<.5	<.5	<.5	<.5	<.5	E.1	M	<2	M	<.5	<.5	<.5	<.5
FEB 05...	<.5	E.1	<.5	M	<.5	E.1	M	<2	M	E.5	<.5	M	<.5
FEB 06-06	<.5	E.1	<.5	M	<.5	E.1	M	<2	E.1	E.4	<.5	E.1	<.5
FEB 06-06	<.5	E.1	<.5	<.5	<.5	E.1	M	<2	E.1	E.4	<.5	E.1	<.5
09...	<.5	<.5	<.5	<.5	<.5	E.1	<1	<2	<.5	<.5	<.5	<.5	<.5
MAR 04...	<.5	<.5	<.5	<.5	<.5	M	<1	<2	<.5	.8	<.5	<.5	<.5
24...	<.5	<.5	<.5	<.5	<.5	E.1	M	<2	M	.7	<.5	<.5	<.5
JUL 27...	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	<.5	<.5	<.5	<.5
AUG 02...	<.5	<.5	<.5	<.5	<.5	Mt	<1	<2	Mt	E.2t	<.5	Mt	<.5
16...	<.5	E.1t	<.5	Mt	<.5	<.5	Mt	Mt	Mt	E.5t	E.1t	Mt	<.5
SEP 14...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	1.8	<.5	<.5

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**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, NEAR ATLANTA, GA—
continued.**

Date	Tri-bromo-methane water, fltrd, ug/L (34288)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Tri-phenyl phos-phate, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-butoxy-phenyl water, fltrd, ug/L (62092)	Tris(2-chloro-ethyl) phosphate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phosphate, wat flt ug/L (62087)	Tris(di-chloro- phosphate, wat flt ug/L (62088)	Di-chloro- water fltrd, ug/L (38775)
OCT 23...	<.5	<.5	<1	<.5	<.5	<.5	<.5	<.5	<1.00
JAN 08...	<.5	<.5	<1	<.5	M	E.3	E.1	E.1	<1.00
15...	<.5	E.1	<1	<.5	M	E.2	M	E.1	<1.00
FEB 05...	<.5	E.1	<1	<.5	M	.5	E.1	E.1	<1.00
FEB 06-06	<.5	E.1	<1	<.5	E.1	E.4	<.5	E.1	<1.00
FEB 06-06	<.5	E.1	<1	<.5	E.1	E.3	<.5	<.5	<1.00
09...	<.5	<.5	<1	<.5	<.5	E.3	E.1	<.5	<1.00
MAR 04...	<.5	<.5	<1	<.5	<.5	<.5	<.5	<.5	<1.00
24...	<.5	M	<1	<.5	M	<.5	M	M	<1.00
JUL 27...	<.5	<.5	<1	<.5	<.5	<.5	<.5	<.5	--u
AUG 02...	<.5	Mt	<1	<.5	<.5	<.5	E.1t	<.5	--u
16...	<.5	E.1t	<1	<.5	E.1n	1.1	E.1t	E.1t	--u
SEP 14...	<.5	<.5	<1	<.5	<.5	<.5	<.5	<.5	--u

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**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, NEAR ATLANTA, GA—
continued.**

Date	Time	End time	Medium code	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 saturation (00301)	pH, water, field, std units (00400)	Specif. conductance, wat unfld std units (00095)
OCT 23...	0900	--	1	9	81350	3.00	15	7.0	758	7.8	78	7.2	131
JAN 08...	1215	--	1	9	81350	3.12	22	8.2	753	13.5	104	6.9	119
JAN 15...	0932	--	1	9	81350	3.06	18	8.5	744	11.0	96	6.7	131
FEB 02-02	1903	2010	1	J	81350	4.36	236	260	--	12.6	--	6.8	118
FEB 02-02	2138	2310	1	J	81350	4.54	269	390	--	12.8	--	6.8	72
FEB 03-03	0038	0122	1	J	81350	3.98	166	240	--	12.6	--	6.9	52
FEB 05...	1047	--	1	9	81350	3.17	27	8.0	749	11.0	91	7.0	119
FEB 06-06	0918	1014	1	J	81350	3.74	122	130	741	12.5	105	6.8	62
FEB 06-06	0932	0942	1	J	81350	3.75	124	84	741	11.9	101	6.7	64
FEB 06-06	0942	0947	1	J	81350	3.74	122	88	741	11.9	101	6.7	64
FEB 06-06	1115	1137	1	J	81350	4.20	206	390	741	12.4	105	6.9	66
FEB 06-06	1117	1137	1	J	81350	4.20	206	240	741	11.9	101	6.7	82
FEB 06-06	1148	1152	1	J	81350	4.20	206	280	741	12.4	105	6.8	71
MAR 09...	1002	--	1	9	81350	3.22	32	8.4	757	11.8	95	6.6	123
MAR 04...	1302	--	1	9	81350	3.31	41	14	749	10.4	107	7.2	109
MAY 24...	0947	--	1	9	81350	3.04	17	13	763	11.9	108	7.6	130
MAY 02-02	0322	0324	1	J	81350	5.67	497	1500	--	9.0	--	6.7	62
MAY 16-16	2000	2002	1	J	81350	4.22	210	3300	--	3.6	--	7.1	124
MAY 16-16	2130	2132	1	J	81350	5.69	5.1	1600	--	4.5	--	6.5	53
MAY 16-16	2300	2302	1	J	81350	4.42	246	820	--	4.5	--	6.7	65
MAY 17-17	0030	0032	1	J	81350	3.95	161	620	--	4.6	--	6.7	67
MAY 17-17	0216	0218	1	J	81350	3.68	109	440	--	5.0	--	6.7	64
MAY 17-17	1303	1305	1	J	81350	3.79	133	400	--	4.4	--	6.8	68
MAY 17-17	1448	1450	1	J	81350	3.70	113	160	--	4.5	--	6.8	69
MAY 17-17	1618	1620	1	J	81350	4.16	198	670	--	4.5	--	6.8	61
MAY 17-17	1748	1750	1	J	81350	3.75	124	680	--	4.8	--	6.7	50
JUN 07-07	1633	1635	1	J	81350	3.76	126	160	--	8.4	--	6.8	79
JUN 07-07	2033	2035	1	J	81350	3.65	103	170	--	7.9	--	6.9	89
JUN 07-07	2203	2205	1	J	81350	3.85	143	210	--	8.0	--	7.0	116
JUN 07-07	2311	2313	1	J	81350	3.67	107	370	--	7.8	--	6.9	93
JUN 15-15	1521	1849	1	J	81350	3.45	64	100	--	7.6	--	7.0	83
JUN 15-15	2017	2019	1	J	81350	4.62	284	750	--	7.1	--	6.8	75
JUN 15-15	2147	2149	1	J	81350	4.21	208	E900	--	E7.1	--	--	E62
JUN 16-16	0049	0219	1	J	81350	3.60	94	300	--	7.3	--	6.7	68
JUL 27...	0827	--	1	J	81350	3.49	71	50	750	7.2	89	7.0	87
AUG 02...	0827	--	1	9	81350	2.96	12	11	749	7.5	92	7.1	127
AUG 16...	0912	--	1	J	81350	3.20	30	190	747	7.5	88	6.8	62
SEP 14...	0732	--	1	9	81350	2.95	11	4.6	752	7.8	88	7.0	125

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**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, NEAR ATLANTA, GA—
continued.**

Date	Temper- ature, water, deg C (00010)	Alum- inum, suspd sedimnt (30221)	Anti- mony, suspd sedimnt (29816)	Arsenic suspd sedimnt (29818)	Barium, suspd sedimnt (29820)	Beryll- ium, suspd sedimnt (29822)	Cadmium suspd sedimnt (29826)	Chrom- ium, suspd sedimnt (29829)	Cobalt, suspd sedimnt (35031)	Copper, suspd sedimnt (29832)	Iron, suspd sedimnt (30269)	Lead, suspd sedimnt (29836)	Lithium suspd sedimnt (35050)
OCT 23...	15.0	7.3	.7	10	790	3	1.1	84	140	58	9.3	44	14
JAN 08...	4.0	11	1.5	7.8	680	6	.8	140	180	100	8.2	84	38
JAN 15...	8.5	13	1.0	4.6	610	6	.3	91	25	130	6.1	87	57
FEB 02-02	5.3	9.4	.7	3.6	680	4	1.0	76	30	81	4.7	69	38
FEB 02-02	4.9	10	1.0	4.3	640	3	.6	59	22	74	4.3	80	41
FEB 03-03	5.2	9.6	2.1	6.8	560	3	.5	82	21	89	4.8	100	43
FEB 05...	6.5	10	1.4	8.3	650	4	.9	120	21	110	7.7	130	37
FEB 06-06	6.8	11	.6	4.5	530	4	1.1	79	31	73	5.0	67	45
FEB 06-06	7.0	8.8	1.0	4.3	490	3	.6	82	20	67	3.8	67	34
FEB 06-06	7.0	9.4	1.1	4.5	510	3	.6	85	20	59	3.9	71	41
FEB 06-06	6.9	8.9	1.5	4.8	480	3	1.1	80	21	70	4.2	74	43
FEB 06-06	7.0	10	.6	3.9	590	4	.7	83	26	56	4.5	60	34
FEB 06-06	7.0	9.1	.5	4.2	620	4	.8	84	26	53	4.0	59	33
MAR 09...	5.7	11	.7	8.6	600	5	1.0	110	25	99	7.9	92	39
MAR 04...	16.0	8.4	<.2	4.3	550	4	.8	100	41	100	5.8	48	26
MAR 24...	11.0	9.7	.6	5.7	550	4	.7	91	28	140	7.4	120	42
MAY 02-02	19.0	11	.4	5.1	600	3	.6	75	25	85	5.1	81	39
MAY 16-16	21.5	9.1	1.7	3.7	730	3	.6	67	24	64	4.5	63	19
MAY 16-16	18.0	11	1.8	4.8	630	3	.5	77	21	120	5.0	92	25
MAY 16-16	19.5	12	2.1	5.8	710	3	.4	92	27	120	5.7	100	32
MAY 17-17	20.0	11	2.3	5.9	620	3	.3	79	23	110	5.3	110	28
MAY 17-17	20.0	11	2.2	6.3	600	3	.4	84	23	110	5.3	100	32
MAY 17-17	22.0	9.8	2.3	4.7	650	3	.8	75	22	94	4.6	94	29
MAY 17-17	21.5	9.2	2.5	4.2	580	3	.3	67	20	79	4.5	82	21
MAY 17-17	21.0	12	1.7	4.8	750	4	.4	89	26	94	5.7	84	36
MAY 17-17	20.5	12	1.7	5.1	650	3	.3	80	21	72	5.3	76	30
JUN 07-07	24.0	8.7	2.6	4.6	540	3	1.3	63	25	70	4.0	86	37
JUN 07-07	22.0	9.1	2.0	4.8	520	3	.7	73	30	56	4.6	55	33
JUN 07-07	22.5	9.1	1.9	4.4	510	3	.6	60	28	66	4.1	65	35
JUN 07-07	22.5	12	1.9	4.6	520	3	.5	63	24	60	4.6	63	37
JUN 15-15	25.0	7.9	2.6	6.0	520	3	1.0	59	22	63	4.2	77	37
JUN 15-15	24.5	8.8	1.0	3.4	620	3	.3	55	19	55	4.0	58	27
JUN 15-15	--	6.4	.6	2.3	810	2	.2	31	11	40	2.3	48	18
JUN 16-16	24.0	8.9	2.2	6.5	680	2	.5	59	18	85	4.4	88	31
JUL 27...	25.0	12	.8	7.4	1100	3	.3	120	26	63	5.9	69	37
AUG 02...	24.5	8.7	1.0	11	610	3	.6	350	18	78	7.7	73	28
AUG 16...	22.0	15	1.0	6.8	520	5	.2	160	23	63	6.4	88	53
SEP 14...	20.5	10	.9	8.2	540	4	.4	170	25	67	7.7	67	39

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**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, NEAR ATLANTA, GA—
continued.**

Date	Mangan- ese, susnd sedimnt total, ug/g (29839)	Mercury susnd sedimnt total, ug/g (29841)	Molyb- denum, susnd sedimnt total, ug/g (29843)	Nickel, susnd sedimnt total, ug/g (29845)	Selen- ium, susnd sedimnt total, ug/g (29847)	Silver, susnd sedimnt total, ug/g (29850)	Stront- ium, susnd sedimnt total, ug/g (35040)	Thall- ium, susnd sedimnt total, ug/g (49955)	Titan- ium, susnd sedimnt total, percent (30317)	Vanad- ium, susnd sedimnt total, ug/g (29853)	Zinc, susnd sedimnt total, ug/g (29855)	Uranium susnd sedimnt total, ug/g (35046)
OCT 23...	34000	.07	9	77	M	4	260	<50	.340	120	9200	<50
JAN 08...	10000	.22	6	83	1	<2	89	<150	.490	130	3300	<150
15...	760	.28	2	55	M	<1	81	<100	.570	140	1500	<100
FEB 02-02	1900	.07	2	46	M	<1	230	<100	.420	100	3000	<100
FEB 02-02	1300	.08	3	37	1	<1	160	<100	.450	100	540	<100
FEB 03-03	1200	--o	3	38	2	<1	210	<100	.350	110	470	<100
05...	1300	--o	4	51	1	<.5	140	<50	.440	130	1100	<50
FEB 06-06	1500	.03	2	54	M	<1	170	<100	.460	100	3300	<100
FEB 06-06	1000	--o	3	37	1	<2	230	<150	.390	85	990	<150
FEB 06-06	1100	--o	3	39	1	<2	240	<150	.410	88	1000	<150
FEB 06-06	1200	--o	4	40	1	<1	310	<100	.310	84	970	<100
FEB 06-06	1300	.13	2	48	M	<1	160	<100	.500	99	2700	<100
FEB 06-06	1500	.13	1	48	M	<1	190	<100	.470	94	3700	<100
MAR 09...	1500	.07	8	58	1	<1	140	<100	.450	140	1200	<100
MAR 04...	3300	.16	3	61	1	<1	87	<100	.470	110	1300	<100
24...	1700	.12	3	53	1	<1	180	<100	.470	130	2200	<100
MAY 02-02	1700	--o	2	43	1	<1	120	<50	.580	120	450	<50
MAY 16-16	2400	.10	2	38	M	<2	140	<150	.490	97	1200	<150
MAY 16-16	1200	--o	1	46	1	<1	97	<100	.570	120	370	<100
MAY 16-16	1600	.14	2	52	1	<1	130	<100	.640	130	360	<100
MAY 17-17	1400	.12	2	47	1	<1	110	<100	.580	130	370	<100
MAY 17-17	1300	.13	2	47	1	<1	140	<100	.570	130	380	<100
MAY 17-17	1600	--o	3	42	1	<1	120	<100	.500	100	760	<100
MAY 17-17	1400	--o	2	41	1	<2	160	<150	.460	100	630	<150
MAY 17-17	1400	--o	2	47	1	<1	130	<100	.660	130	370	<100
JUN 07-07	980	.10	2	50	1	<1	130	<100	.610	130	300	<100
JUN 07-07	2300	--o	10	41	1	<2	150	<150	.420	70	1300	<150
JUN 07-07	3300	--o	7	46	1	<2	210	<150	.430	80	1100	<150
JUN 07-07	2900	--o	6	37	1	<1	250	<100	.430	79	860	<100
JUN 07-07	1900	--o	7	37	1	<1	200	<100	.480	93	650	<100
JUN 15-15	2500	.12	4	39	M	1	230	<100	.410	90	950	<100
JUN 15-15	1200	.06	2	31	M	<1	130	<100	.500	96	420	<100
JUN 15-15	630	.06	1	18	M	<.5	170	<50	.230	56	180	<50
JUN 16-16	1100	.12	2	37	M	<1	180	<100	.450	120	420	<100
JUL 27...	3200	.18	5	74	1	<.5	120	<50	.570	140	460	<50
AUG 02...	1800	.13	31	220	1	<1	270	<100	.400	120	1400	<100
16...	1500	.13	11	97	1	1	110	<50	.670	160	530	<50
SEP 14...	1800	.09	14	110	1	<1	270	<100	.510	120	1400	<100

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**02336728 UTOY CREEK AT GREAT SOUTHWEST PARKWAY, 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:

k -- Counts outside acceptable range
n -- Below the LRL and above the LT-MDL
t -- Below the long-term MDL