02214210 SANDY RUN CREEK AT GA 247, AT WARNER ROBINS, GA

Altamaha River Basin

WATER-QUALITY RECORDS

COOPERATION.--Georgia Environmental Protection Division (GAEPD).

PERIOD OF RECORD.--February 2004 to December 2004 (discontinued).

REMARKS.--Laboratory analyses with analyzing agency code 80855 are by the Severn-Trent Laboratory - Denver, Arvada, Colorado; laboratory analyses with analyzing agency code 81213 are by the U.S. Geological Survey, Ocala Water-Quality and Research Laboratory; laboratory analyses with analyzing agency code 81330 are by the Agricultural and Environmental Services Laboratory, College of Agricultural and Environmental Sciences, The University of Georgia, Athens, Georgia; laboratory analyses with analyzing agency code 81341 are by the Georgia Department of Natural Resources, Environmental Protection Division, Laboratory Operations Program. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey. For the water-quality data-collection activity at this station during 2004, if the stream was observed to have insufficient flow, observed to be pooled with no visible flow, or was found to be dry, it was not sampled. The site visit was documented and is presented in the data table coded with parameter 99903 = 9. A stream is defined as "dry" at a station if there is a complete break in the continuity of the cross-section of water perpendicular to the flow that is visible upstream and/or downstream of the cross-section to be sampled.

Date	Time	Time Datum	Agency col-lecting sample, code (00027)	Agency ana-lyzing sample, code (00028)	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 degrees NTU (63675)	Tur-bidity, NTU (00076)	Baro-metric pres-sure, mm Hg (00025)	Carbon dioxide water, unfltrd mg/L (00405)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)	pH, water, unfltrd field, std units (00400)
Oct												
06...	1030	EST	1028	81341	>14	--	4.9	770	18	4.6	52	6.6
Nov												
17...	1030	EST	1028	81341	.00	--	6.8	768	18	3.4	33	6.5
Dec												
08...	1120	EST	1028	80855	5.4	6.7	--	762	22	4.0	42	6.3

02214210 SANDY RUN CREEK AT GA 247, AT WARNER ROBINS, GA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
Part 2 of 3
[Remark codes: <, less than; >, greater than; M, presence verified but not quantified.]

Date	pH, water, unfltrd lab, std units (00403)	Specif. conduc-tance, wat unf lab, uS/cm 25 degC (90095)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, air, deg C (00020)	Temper-ature, water, deg C (00010)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Residue total at 105 deg. C, sus-pended, mg/L (00530)	Ammonia water unfltrd mg/L (71845)	Ammonia water, unfltrd mg/L as N (00610)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Phos-phorus, water, unfltrd mg/L (00665)	Hydro-gen ion, water, fltrd, calcd, mg/L (00191)	Organic carbon, water, unfltrd mg/L (00680)
Oct													
06...	7.0	230	216	23.1	22.0	36	--	.26	.200	6.50	--		8.4
Nov													
17...	6.8	220	220	18.4	14.4	31	--	1.93	1.50	6.30	--		7.0
Dec													
08...	6.8	180	182	21.2	17.0	22	26	.22	.170	5.0	.68	.001	5.6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
Part 3 of 3
[Remark codes: <, less than; >, greater than; M, presence verified but not quantified.]

Date	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)
Oct	
06...	<2.0
Nov	
17...	4.0
Dec	
08...	3.7

02214210 SANDY RUN CREEK AT GA 247, AT WARNER ROBINS, GA—Continued

Date	Time	Time Datum	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Instantaneous discharge, cfs (00061)	Turbdty white light, det ang 90+/-30 degrees NTU (63675)	Turbidity, NTU (00076)	Barometric pressure, mm Hg (00025)	Carbon dioxide water, unfltrd mg/L (00405)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)
Feb												
04...	0805	EST	1028	81330	>14	--	--	766	--	5.8	51	6.7
11...	0840	EST	1028	81213	>14	--	26	763	12	5.0	46	6.7
18...	1325	EST	1028	81213	>14	--	15	767	9.5	8.2	75	6.6
23...	0955	EST	1028	81330	>14	--	--	758	--	5.1	48	6.7
Mar												
16...	0950	EST	1028	81213	.00	--	10	757	11	1.9	20	6.8
24...	1250	EST	1028	81330	.00	--	--	772	--	6.2	63	6.9
29...	1330	EST	1028	81330	>14	--	--	766	--	4.6	50	7.0
Apr												
14...	0855	EST	1028	81213	8.2	--	9.8	757	7.6	2.2	22	6.7
May												
20...	1520	EST	1028	81213	>14	--	20	765	25	4.3	50	6.3
Jun												
08...	1010	EST	1028	81213	.00	--	--	765	--	--	--	--
16...	1200	EST	1028	1028	.00	--	--	765	--	--	--	--
23...	1120	EST	1028	1028	.00	--	--	763	--	--	--	--
Jul												
07...	0900	EST	1028	81330	.00	--	--	762	--	1.5	18	7.0
07...	0905	EST	1028	80855	.00	25	--	762	12	1.5	18	7.0
Aug												
11...	1005	EST	1028	80855	>14	140d	--	763	7.5	4.6	54	6.7
18...	1435	EST	1028	81330	>14	--	--	761	--	5.3	65	6.6
25...	0915	EST	1028	81330	.00	--	--	765	--	3.8	46	6.4
Sep												
08...	1210	EST	1028	80855	>14	54d	--	756	3.9	5.4	64	6.7

02214210 SANDY RUN CREEK AT GA 247, AT WARNER ROBINS, GA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Part 2 of 4

[Remark codes: <, less than; >, greater than; M, presence verified but not quantified. Value qualifier codes: d, diluted sample: method hi range exceeded; v, analyte detected in laboratory blank.]

Date	pH, water, unfltrd lab, std units (00403)	Specif. conduc-tance, wat unf lab, uS/cm 25 degC (90095)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, air, deg C (00020)	Temper-ature, water, deg C (00010)	Noncarb hard-ness, wat unf lab, mg/L as CaCO3 (00903)	Calcium water unfltrd recover-able, mg/L (00916)	Magnes-ium, water, unfltrd recover-able, mg/L (00927)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Residue total at 105 deg. C, sus-pended, mg/L (00530)	Ammonia water unfltrd mg/L (71845)	Ammonia water, unfltrd mg/L as N (00610)	Nitrite + nitrate water unfltrd mg/L as N (00630)
Feb													
04...	--	--	213	-.3	10.0	--	--	--	--	--	--	--	--
11...	7.1	137	153	9.6	11.9	--	--	--	32	23	2.70	2.10	1.70
18...	6.9	136	140	20.4	11.7	--	--	--	20	26	.41	.32	3.10
23...	--	--	162	13.1	11.9	--	--	--	--	--	--	--	--
Mar													
16...	6.5	194	210	17.3	17.6	--	--	--	33	14	5.54	4.30	1.20
24...	--	--	248	21.7	16.5	--	--	--	--	--	--	--	--
29...	--	--	230	24.6	19.8	--	--	--	--	--	--	--	--
Apr													
14...	6.7	203	203	7.6	15.1	6	8.80	1.20	21	14	4.38	3.40	3.00
May													
20...	6.8	139	149	30.2	22.9	--	--	--	28	135	.30	.23	2.90
Jun													
08...	--	--	--	27.0	--	--	--	--	--	--	--	--	--
16...	--	--	--	32.5	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul													
07...	--	--	284	31.0	25.2	--	--	--	--	--	--	--	--
07...	7.4	290	284	31.0	25.2	--	--	--	56	100	3.86	3.00	3.10
Aug													
11...	7.0	210v	153	25.3	23.0	36	19.0	1.7	18	830d	.70	.540	2.80
18...	--	--	128	32.5	25.4	--	--	--	--	--	--	--	--
25...	--	--	201	27.1	24.9	--	--	--	--	--	--	--	--
Sep													
08...	6.8	50v	49	24.6	23.5	--	--	--	9	21	.15	.120	.490

02214210 SANDY RUN CREEK AT GA 247, AT WARNER ROBINS, GA—Continued

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Part 3 of 4
[Remark codes: <, less than; >, greater than; M, presence verified but not quantified. Value qualifier codes: d, diluted sample: method hi range exceeded; v, analyte detected in laboratory blank.]

Date	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	Fecal coli-form, A1broth water, MPN/ 100mL (31621)	Fecal coli-form, ECbroth water, MPN/ 100 mL (31615)	Fecal coli-form, EC med, SM 9221E.1 MPN (31685)	Anti-mony, water, unfltrd ug/L (01097)	Arsenic water unfltrd ug/L (01002)	Cadmium water, unfltrd ug/L (01027)	Chrom-ium, water, unfltrd recover -able, ug/L (01034)	Copper, water, unfltrd recover -able, ug/L (01042)	Lead, water, unfltrd recover -able, ug/L (01051)	Nickel, water, unfltrd recover -able, ug/L (01067)
Feb													
04...	--	--	--	80	--	--	--	--	--	--	--	--	--
11...	.91	4.3	5.8	--	490	--	--	--	--	--	--	--	--
18...	.60	3.8	3.0	--	344	--	--	--	--	--	--	--	--
23...	--	--	--	170	--	--	--	--	--	--	--	--	--
Mar													
16...	2.60	4.4	2.9	--	630	--	--	--	--	--	--	--	--
24...	--	--	--	800	--	--	--	--	--	--	--	--	--
29...	--	--	--	210	--	--	--	--	--	--	--	--	--
Apr													
14...	2.10	5.3	3.7	--	140	--	<1	<4	<.5	<1	4	1.2	1
May													
20...	3.20	5.7	4.5	--	--	--	--	--	--	--	--	--	--
Jun													
08...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul													
07...	--	--	--	300	--	--	--	--	--	--	--	--	--
07...	3.90d	5.9	20.0	--	--	--	--	--	--	--	--	--	--
Aug													
11...	3.70d	13.0	19.0	--	--	40	<5	<15	<5	13	160	M	<40
18...	--	--	--	300	--	--	--	--	--	--	--	--	--
25...	--	--	--	340	--	--	--	--	--	--	--	--	--
Sep													
08...	.085	6.4	<2.0	--	--	350	--	--	--	--	--	--	--

02214210 SANDY RUN CREEK AT GA 247, AT WARNER ROBINS, GA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
Part 4 of 4
[Remark codes: <, less than; >, greater than; M, presence verified but not quantified. Value qualifier codes: d, diluted sample: method hi range exceeded; v, analyte detected in laboratory blank.]

Date	Selen-ium, water, unfltrd ug/L (01147)	Thall-ium, water, unfltrd ug/L (01059)	Zinc, water, unfltrd recover-able, ug/L (01092)	USGS Water Science Center special 99903 (99903)
Feb				
04...	--	--	--	--
11...	--	--	--	--
18...	--	--	--	--
23...	--	--	--	--
Mar				
16...	--	--	--	--
24...	--	--	--	--
29...	--	--	--	--
Apr				
14...	<4	<2	31	--
May				
20...	--	--	--	--
Jun				
08...	--	--	--	9.0
16...	--	--	--	9.0
23...	--	--	--	9.0
Jul				
07...	--	--	--	--
07...	--	--	--	--
Aug				
11...	<15	<5	540	--
18...	--	--	--	--
25...	--	--	--	--
Sep				
08...	--	--	--	--