

**APALACHICOLA RIVER BASIN  
2004 Water Year**

**023365218 PROCTOR CREEK TRIBUTARY AT SPRING ROAD, AT ATLANTA, GA**

**LOCATION.**—Lat 33°47'34", long 84°28'08" referenced to North American Datum (NAD) of 1983, Fulton County, Hydrologic Unit Code 03130002, at bridge on Spring RD, 0.6 miles upstream of Proctor Creek, 0.1 miles west of Hollywood RD, and 0.6 miles east of GA 280.

**DRAINAGE AREA.**—3.11 square miles.

**COOPERATION.**—City of Atlanta.

**PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**—August 28, 2003 to current year.

**REMARKS.**—Medium code 9 indicates a surface water sample. Medium code 1 indicates a suspended sediment sample. 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**

**023365218 PROCTOR CREEK TRIBUTARY AT SPRING ROAD, AT ATLANTA, GA—  
continued.**

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

| Date  | Time | Medium code | Hydro-logic event | Agency analyzing sample, code (00028) | Gage height, feet (00065) | Instan-taneous dis-charge, cfs (00061) | Turb-idity, IR LED   | Baro-metric pres-sure, mm Hg (63680) | Dis-solved oxygen, mg/L (00025) | Dis-solved oxygen, mg/L (00300) | Dis-solved oxygen, percent of saturation (00301) | pH, water, unfiltrd field, std units (00400) | Specif. conduc-tance, wat unf uS/cm 25 degC (00095) | Temper-ature, water, deg C (00010) |
|-------|------|-------------|-------------------|---------------------------------------|---------------------------|----------------------------------------|----------------------|--------------------------------------|---------------------------------|---------------------------------|--------------------------------------------------|----------------------------------------------|-----------------------------------------------------|------------------------------------|
|       |      |             |                   |                                       |                           |                                        | det ang, 90 deg, FNU |                                      |                                 |                                 |                                                  |                                              |                                                     |                                    |
| OCT   |      |             |                   |                                       |                           |                                        |                      |                                      |                                 |                                 |                                                  |                                              |                                                     |                                    |
| 17... | 0820 | 9           | 9                 | 81345                                 | 3.51                      | .69                                    | 5.8                  | --                                   | 9.9                             | 94                              | 7.3                                              | 194                                          | 12.5                                                |                                    |
| 17... | 0840 | 9           | 9                 | 81345                                 | 3.51                      | .69                                    | 4.0                  | --                                   | 9.8                             | 93                              | 7.3                                              | 194                                          | 12.5                                                |                                    |
| JAN   |      |             |                   |                                       |                           |                                        |                      |                                      |                                 |                                 |                                                  |                                              |                                                     |                                    |
| 12... | 1045 | 9           | 9                 | 81345                                 | 3.58                      | 1.3                                    | <5.0                 | 753                                  | 14.1                            | 105                             | 6.9                                              | 191                                          | 3.5                                                 |                                    |
| 12... | 1050 | 9           | 9                 | 81345                                 | 3.58                      | 1.3                                    | <5.0                 | 753                                  | 14.2                            | 106                             | 6.9                                              | 191                                          | 3.5                                                 |                                    |
| 29... | 1005 | 9           | 9                 | 81345                                 | 3.66                      | 4.4                                    | 3.0                  | 748                                  | 13.5                            | 101                             | 7.1                                              | 206                                          | 2.5                                                 |                                    |
| 29... | 1030 | 9           | 9                 | 81345                                 | 3.66                      | 4.4                                    | 8.0                  | 748                                  | 13.5                            | 101                             | 7.1                                              | 205                                          | 2.5                                                 |                                    |
| FEB   |      |             |                   |                                       |                           |                                        |                      |                                      |                                 |                                 |                                                  |                                              |                                                     |                                    |
| 10... | 1130 | 9           | 9                 | 81345                                 | 3.64                      | 1.8                                    | 4.1                  | --                                   | --                              | --                              | 7.2                                              | 206                                          | --                                                  |                                    |
| 10... | 1145 | 9           | 9                 | 81345                                 | 3.64                      | 1.8                                    | 4.1                  | --                                   | --                              | --                              | 7.2                                              | 206                                          | --                                                  |                                    |
| MAR   |      |             |                   |                                       |                           |                                        |                      |                                      |                                 |                                 |                                                  |                                              |                                                     |                                    |
| 09... | 1045 | 9           | 9                 | 81345                                 | 3.61                      | 1.3                                    | 3.3                  | 744                                  | 13.5                            | 123                             | 7.7                                              | 190                                          | 10.0                                                |                                    |
| 09... | 1100 | 9           | 9                 | 81345                                 | 3.61                      | 1.3                                    | 3.3                  | 744                                  | 13.5                            | 123                             | 7.7                                              | 190                                          | 10.0                                                |                                    |
| 31... | 1000 | 9           | 9                 | 81345                                 | 3.61                      | 1.4                                    | 12                   | 743                                  | 10.2                            | 100                             | 7.3                                              | 181                                          | 13.5                                                |                                    |
| 31... | 1015 | 9           | 9                 | 81345                                 | 3.61                      | 1.4                                    | 11                   | 743                                  | 10.3                            | 101                             | 7.3                                              | 182                                          | 13.5                                                |                                    |
| APR   |      |             |                   |                                       |                           |                                        |                      |                                      |                                 |                                 |                                                  |                                              |                                                     |                                    |
| 15... | 1015 | 9           | 9                 | 81345                                 | 3.62                      | 1.3                                    | 10                   | 755                                  | 11.5                            | 109                             | 7.3                                              | 184                                          | 12.5                                                |                                    |
| 15... | 1030 | 9           | 9                 | 81345                                 | 3.62                      | 1.3                                    | 7.0                  | 755                                  | 11.6                            | 110                             | 7.3                                              | 184                                          | 12.5                                                |                                    |
| MAY   |      |             |                   |                                       |                           |                                        |                      |                                      |                                 |                                 |                                                  |                                              |                                                     |                                    |
| 13... | 1130 | 9           | 9                 | 81345                                 | --                        | 1.6                                    | 17                   | 750                                  | 3.7                             | 41                              | 7.1                                              | 293                                          | 20.0                                                |                                    |
| 13... | 1145 | 9           | 9                 | 81345                                 | --                        | 1.6                                    | 17                   | 750                                  | 3.7                             | 41                              | 7.1                                              | 292                                          | 20.0                                                |                                    |
| 20... | 1030 | 9           | 9                 | 81345                                 | 3.53                      | .76                                    | 2.6                  | --                                   | 8.2                             | --                              | 7.2                                              | 186                                          | 21.5                                                |                                    |
| 20... | 1035 | 9           | 9                 | 81345                                 | 3.53                      | .76                                    | 2.7                  | --                                   | 7.9                             | --                              | 7.4                                              | 186                                          | 21.5                                                |                                    |
| JUN   |      |             |                   |                                       |                           |                                        |                      |                                      |                                 |                                 |                                                  |                                              |                                                     |                                    |
| 08... | 0915 | 9           | 9                 | 81345                                 | 3.54                      | .70                                    | 13                   | 752                                  | 7.5                             | 85                              | 7.1                                              | 141                                          | 21.0                                                |                                    |
| 08... | 0920 | 9           | 9                 | 81345                                 | 3.54                      | .70                                    | 12                   | 752                                  | 7.5                             | 85                              | 7.1                                              | 141                                          | 21.0                                                |                                    |
| JUL   |      |             |                   |                                       |                           |                                        |                      |                                      |                                 |                                 |                                                  |                                              |                                                     |                                    |
| 12... | 0910 | 9           | 9                 | 81345                                 | 3.56                      | .66                                    | 4.2                  | 750                                  | 7.5                             | 92                              | 7.3                                              | 196                                          | 24.5                                                |                                    |
| 12... | 0915 | 9           | 9                 | 81345                                 | 3.56                      | .66                                    | 3.7                  | 750                                  | 7.5                             | 91                              | 7.5                                              | 196                                          | 24.0                                                |                                    |
| AUG   |      |             |                   |                                       |                           |                                        |                      |                                      |                                 |                                 |                                                  |                                              |                                                     |                                    |
| 10... | 0955 | 9           | 9                 | 81345                                 | --                        | .63                                    | 3.9                  | 751                                  | 8.7                             | 98                              | 7.4                                              | 174                                          | 20.5                                                |                                    |
| 10... | 1000 | 9           | 9                 | 81345                                 | --                        | .63                                    | 3.4                  | 751                                  | 8.6                             | 97                              | 7.4                                              | 174                                          | 20.5                                                |                                    |



**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**023365218 PROCTOR CREEK TRIBUTARY AT SPRING ROAD, AT ATLANTA, GA—  
continued.**

| Date  | Iron,<br>water,<br>ug/L<br>(01046) | Stront-<br>ium,<br>water,<br>ug/L<br>(01080) |
|-------|------------------------------------|----------------------------------------------|
| OCT   |                                    |                                              |
| 17... | <100                               | 90                                           |
| 17... | <100                               | 90                                           |
| JAN   |                                    |                                              |
| 12... | <100                               | 100                                          |
| 12... | <100                               | 110                                          |
| 29... | <100                               | 110                                          |
| 29... | <100                               | 110                                          |
| FEB   |                                    |                                              |
| 10... | <100                               | 100                                          |
| 10... | <100                               | 100                                          |
| MAR   |                                    |                                              |
| 09... | 160                                | 100                                          |
| 09... | 120                                | 110                                          |
| 31... | <100                               | 100                                          |
| 31... | 140                                | 100                                          |
| APR   |                                    |                                              |
| 15... | <100                               | 100                                          |
| 15... | <100                               | 100                                          |
| MAY   |                                    |                                              |
| 13... | 530                                | 110                                          |
| 13... | 420                                | 90                                           |
| 20... | 160                                | 110                                          |
| 20... | 150                                | 100                                          |
| JUN   |                                    |                                              |
| 08... | <100                               | 80                                           |
| 08... | <100                               | 80                                           |
| JUL   |                                    |                                              |
| 12... | 140                                | 80                                           |
| 12... | 120                                | 80                                           |
| AUG   |                                    |                                              |
| 10... | <50                                | 80                                           |
| 10... | <50                                | 80                                           |

| Date  | Time | Hydro-logic event | Agency analyzing sample, code (00028) | Gage height, feet (00065) | Instan-<br>taneous dis-<br>charge, cfs (00061) | Turb-<br>idity, IR LED<br>light, det ang<br>90 deg, FNU (63680) | Baro-<br>metric pres-<br>sure, mm Hg<br>(00025) | Dis-<br>solved oxygen, mg/L<br>(00300) | unfltrd field, wat unf<br>water, std uS/cm<br>(00400) | pH, water, 25 degC<br>(00095) | Specif.<br>conductance, 25 degC<br>(00095) | Temper-<br>ature, deg C<br>(00010) | Alum-<br>inum, water,<br>ug/L (01106) | Cadmium<br>water, ug/L (01025) |
|-------|------|-------------------|---------------------------------------|---------------------------|------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------|----------------------------------------|-------------------------------------------------------|-------------------------------|--------------------------------------------|------------------------------------|---------------------------------------|--------------------------------|
|       |      |                   |                                       |                           |                                                | OCT                                                             |                                                 |                                        |                                                       |                               |                                            |                                    |                                       |                                |
| 17... | 0821 | 9                 | 80020                                 | 3.51                      | .69                                            | 5.8                                                             | --                                              | 9.9                                    | 7.3                                                   | 194                           | 12.5                                       | 2                                  | <.04                                  |                                |
| 17... | 0841 | 9                 | 80020                                 | 3.51                      | .69                                            | 4.0                                                             | --                                              | 9.8                                    | 7.3                                                   | 194                           | 12.5                                       | 2                                  | <.04                                  |                                |
| JAN   |      |                   |                                       |                           |                                                |                                                                 |                                                 |                                        |                                                       |                               |                                            |                                    |                                       |                                |
| 12... | 1046 | 9                 | 80020                                 | 3.58                      | 1.3                                            | <5.0                                                            | 753                                             | 14.1                                   | 6.9                                                   | 191                           | 3.5                                        | 3                                  | E.02n                                 |                                |
| 12... | 1051 | 9                 | 80020                                 | 3.58                      | 1.3                                            | <5.0                                                            | 753                                             | 14.2                                   | 6.9                                                   | 191                           | 3.5                                        | 3                                  | E.02n                                 |                                |
| 29... | 1006 | 9                 | 80020                                 | 3.66                      | 4.4                                            | 3.0                                                             | 748                                             | 13.5                                   | 7.1                                                   | 206                           | 2.5                                        | 3                                  | E.04n                                 |                                |
| 29... | 1031 | 9                 | 80020                                 | 3.66                      | 4.4                                            | 8.0                                                             | 748                                             | 13.5                                   | 7.1                                                   | 205                           | 2.5                                        | 3                                  | E.03n                                 |                                |
| FEB   |      |                   |                                       |                           |                                                |                                                                 |                                                 |                                        |                                                       |                               |                                            |                                    |                                       |                                |
| 10... | 1131 | 9                 | 80020                                 | 3.64                      | 1.8                                            | 4.1                                                             | --                                              | --                                     | 7.2                                                   | 206                           | --                                         | 3                                  | E.03n                                 |                                |
| 10... | 1146 | 9                 | 80020                                 | 3.64                      | 1.8                                            | 4.1                                                             | --                                              | --                                     | 7.2                                                   | 206                           | --                                         | 3                                  | E.03n                                 |                                |
| MAR   |      |                   |                                       |                           |                                                |                                                                 |                                                 |                                        |                                                       |                               |                                            |                                    |                                       |                                |
| 09... | 1046 | 9                 | 80020                                 | 3.61                      | 1.3                                            | 3.3                                                             | 744                                             | 13.5                                   | 7.7                                                   | 190                           | 10.0                                       | 3                                  | <.04                                  |                                |
| 09... | 1101 | 9                 | 80020                                 | 3.61                      | 1.3                                            | 3.3                                                             | 744                                             | 13.5                                   | 7.7                                                   | 190                           | 10.0                                       | 4                                  | <.04                                  |                                |
| 31... | 1016 | 9                 | 80020                                 | 3.61                      | 1.4                                            | 11                                                              | 743                                             | 10.3                                   | 7.3                                                   | 182                           | 13.5                                       | 18                                 | E.02n                                 |                                |
| APR   |      |                   |                                       |                           |                                                |                                                                 |                                                 |                                        |                                                       |                               |                                            |                                    |                                       |                                |
| 15... | 1016 | 9                 | 80020                                 | 3.62                      | 1.3                                            | 10                                                              | 755                                             | 11.5                                   | 7.3                                                   | 184                           | 12.5                                       | 4                                  | <.04                                  |                                |
| 15... | 1031 | 9                 | 80020                                 | 3.62                      | 1.3                                            | 7.0                                                             | 755                                             | 11.6                                   | 7.3                                                   | 184                           | 12.5                                       | 4                                  | <.04                                  |                                |
| MAY   |      |                   |                                       |                           |                                                |                                                                 |                                                 |                                        |                                                       |                               |                                            |                                    |                                       |                                |
| 13... | 1131 | 9                 | 80020                                 | --                        | 1.6                                            | 17                                                              | 750                                             | 3.7                                    | 7.1                                                   | 293                           | 20.0                                       | 21                                 | E.03n                                 |                                |
| 13... | 1146 | 9                 | 80020                                 | --                        | 1.6                                            | 17                                                              | 750                                             | 3.7                                    | 7.1                                                   | 292                           | 20.0                                       | 19                                 | E.03n                                 |                                |
| 20... | 1031 | 9                 | 80020                                 | 3.53                      | .76                                            | 2.6                                                             | --                                              | 8.2                                    | 7.2                                                   | 186                           | 21.5                                       | 8                                  | <.04                                  |                                |
| 20... | 1036 | 9                 | 80020                                 | 3.53                      | .76                                            | 2.7                                                             | --                                              | 7.9                                    | 7.4                                                   | 186                           | 21.5                                       | 7                                  | <.04                                  |                                |
| JUN   |      |                   |                                       |                           |                                                |                                                                 |                                                 |                                        |                                                       |                               |                                            |                                    |                                       |                                |
| 08... | 0916 | 9                 | 80020                                 | 3.54                      | .70                                            | 13                                                              | 752                                             | 7.5                                    | 7.1                                                   | 141                           | 21.0                                       | 7                                  | <.04                                  |                                |
| 08... | 0921 | 9                 | 80020                                 | 3.54                      | .70                                            | 12                                                              | 752                                             | 7.5                                    | 7.1                                                   | 141                           | 21.0                                       | 7                                  | <.04                                  |                                |
| JUL   |      |                   |                                       |                           |                                                |                                                                 |                                                 |                                        |                                                       |                               |                                            |                                    |                                       |                                |
| 12... | 0911 | 9                 | 80020                                 | 3.56                      | .66                                            | 4.2                                                             | 750                                             | 7.5                                    | 7.3                                                   | 196                           | 24.5                                       | 7                                  | <.04                                  |                                |
| 12... | 0916 | 9                 | 80020                                 | 3.56                      | .66                                            | 3.7                                                             | 750                                             | 7.5                                    | 7.5                                                   | 196                           | 24.0                                       | 7                                  | <.04                                  |                                |
| AUG   |      |                   |                                       |                           |                                                |                                                                 |                                                 |                                        |                                                       |                               |                                            |                                    |                                       |                                |
| 10... | 0956 | 9                 | 80020                                 | --                        | .63                                            | 3.9                                                             | 751                                             | 8.7                                    | 7.4                                                   | 174                           | 20.5                                       | 2                                  | <.04                                  |                                |
| 10... | 1001 | 9                 | 80020                                 | --                        | .63                                            | 3.4                                                             | 751                                             | 8.6                                    | 7.4                                                   | 174                           | 20.5                                       | 2                                  | <.04                                  |                                |

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**023365218 PROCTOR CREEK TRIBUTARY AT SPRING ROAD, AT ATLANTA, GA—  
continued.**

| Date  | Chrom-<br>ium,<br>water,<br>ug/L<br>(01030) | Copper,<br>water,<br>ug/L<br>(01040) | Lead,<br>water,<br>ug/L<br>(01049) | Mangan-<br>ese,<br>water,<br>ug/L<br>(01056) | Nickel,<br>water,<br>ug/L<br>(01065) | Silver,<br>water,<br>ug/L<br>(01075) | Zinc,<br>water,<br>ug/L<br>(01090) |
|-------|---------------------------------------------|--------------------------------------|------------------------------------|----------------------------------------------|--------------------------------------|--------------------------------------|------------------------------------|
| OCT   |                                             |                                      |                                    |                                              |                                      |                                      |                                    |
| 17... | <.8                                         | 1.5                                  | E.05n                              | 20.0                                         | .86                                  | <.2                                  | 10.6                               |
| 17... | <.8                                         | 1.4                                  | E.05n                              | 16.7                                         | .87                                  | <.2                                  | 8.7                                |
| JAN   |                                             |                                      |                                    |                                              |                                      |                                      |                                    |
| 12... | <.8                                         | 1.4                                  | .10                                | 58.7                                         | .84                                  | <.2                                  | 14.2                               |
| 12... | <.8                                         | 1.6                                  | .10                                | 57.5                                         | .81                                  | <.2                                  | 14.8                               |
| 29... | <.8                                         | 1.4                                  | .09                                | 84.4                                         | 1.04                                 | <.2                                  | 20.3                               |
| 29... | <.8                                         | 1.4                                  | .09                                | 84.1                                         | 1.05                                 | <.2                                  | 20.6                               |
| FEB   |                                             |                                      |                                    |                                              |                                      |                                      |                                    |
| 10... | <.8                                         | 1.4                                  | .11                                | 68.1                                         | 1.07                                 | <.2                                  | 17.2                               |
| 10... | <.8                                         | 1.5                                  | .10                                | 71.0                                         | 1.09                                 | <.2                                  | 37.3                               |
| MAR   |                                             |                                      |                                    |                                              |                                      |                                      |                                    |
| 09... | <.8                                         | 1.7                                  | .10                                | 30.7                                         | .81                                  | <.2                                  | 6.0                                |
| 09... | <.8                                         | 1.6                                  | .11                                | 30.2                                         | .78                                  | <.2                                  | 6.3                                |
| 31... | <.8                                         | 3.1                                  | .27                                | 38.1                                         | 3.45                                 | <.2                                  | 12.9                               |
| APR   |                                             |                                      |                                    |                                              |                                      |                                      |                                    |
| 15... | <.8                                         | 1.8                                  | .17                                | 34.1                                         | .90                                  | <.2                                  | 7.7                                |
| 15... | <.8                                         | 1.9                                  | .15                                | 32.3                                         | .81                                  | <.2                                  | 8.2                                |
| MAY   |                                             |                                      |                                    |                                              |                                      |                                      |                                    |
| 13... | E.6n                                        | 6.5                                  | .86                                | 435                                          | 5.45                                 | <.2                                  | 14.0                               |
| 13... | <.8                                         | 6.2                                  | .86                                | 433                                          | 5.47                                 | <.2                                  | 14.3                               |
| 20... | <.8                                         | 1.5                                  | .27                                | 124                                          | 2.20                                 | <.2                                  | 3.1                                |
| 20... | <.8                                         | 1.4                                  | .24                                | 117                                          | 1.90                                 | <.2                                  | 3.5                                |
| JUN   |                                             |                                      |                                    |                                              |                                      |                                      |                                    |
| 08... | <.8                                         | 3.6                                  | .40                                | 24.7                                         | 1.30                                 | <.2                                  | 9.5                                |
| 08... | <.8                                         | 3.6                                  | .39                                | 24.6                                         | 1.33                                 | <.2                                  | 9.1                                |
| JUL   |                                             |                                      |                                    |                                              |                                      |                                      |                                    |
| 12... | <.8                                         | 1.3                                  | .13                                | 51.9                                         | 1.08                                 | <.2                                  | 2.9                                |
| 12... | <.8                                         | 1.3                                  | .13                                | 54.0                                         | 1.16                                 | <.2                                  | 2.6                                |
| AUG   |                                             |                                      |                                    |                                              |                                      |                                      |                                    |
| 10... | <.8                                         | 1.3                                  | <.08                               | 13.1                                         | .59                                  | <.2                                  | 5.4                                |
| 10... | <.8                                         | 1.2                                  | <.08                               | 12.8                                         | .64                                  | <.2                                  | 4.2                                |

| Date  | Time | Agency<br>ana-<br>lyzing<br>sample,<br>code<br>(00028) | Gage<br>height,<br>feet<br>(00065) | Instan-<br>taneous<br>dis-<br>charge,<br>cfs<br>(00061) | Turb-<br>idity,<br>IR LED<br>light,<br>det ang<br>90 deg,<br>FNU<br>(63680) | Baro-<br>metric<br>pres-<br>sure,<br>mm Hg<br>(00025) | Dis-<br>solved<br>oxygen,<br>mg/L<br>(00300) | Dis-<br>solved<br>oxygen,<br>percent<br>of sat-<br>uration<br>(00301) | pH,<br>unfltrd<br>water,<br>std<br>(00400) | Specif.<br>conduct-<br>ance,<br>wat unf<br>field,<br>units<br>(00095) | Temper-<br>ature,<br>water,<br>deg C<br>(00010) | 1,4-Di-<br>chloro-<br>benzene<br>water,<br>ug/L<br>(34572) | Methyl-<br>naphth-<br>alene,<br>water,<br>ug/L<br>(62054) |
|-------|------|--------------------------------------------------------|------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|
| OCT   |      |                                                        |                                    |                                                         |                                                                             |                                                       |                                              |                                                                       |                                            |                                                                       |                                                 |                                                            |                                                           |
| 17... | 0841 | 80020                                                  | 3.51                               | .69                                                     | 4.0                                                                         | --                                                    | 9.8                                          | 93                                                                    | 7.3                                        | 194                                                                   | 12.5                                            | E.1                                                        | <.5                                                       |
| JAN   |      |                                                        |                                    |                                                         |                                                                             |                                                       |                                              |                                                                       |                                            |                                                                       |                                                 |                                                            |                                                           |
| 12... | 1051 | 80020                                                  | 3.58                               | 1.3                                                     | <5.0                                                                        | 753                                                   | 14.2                                         | 106                                                                   | 6.9                                        | 191                                                                   | 3.5                                             | E.1                                                        | M                                                         |
| 29... | 1006 | 80020                                                  | 3.66                               | 4.4                                                     | 3.0                                                                         | 748                                                   | 13.5                                         | 101                                                                   | 7.1                                        | 206                                                                   | 2.5                                             | E.1                                                        | <.5                                                       |
| FEB   |      |                                                        |                                    |                                                         |                                                                             |                                                       |                                              |                                                                       |                                            |                                                                       |                                                 |                                                            |                                                           |
| 10... | 1131 | 80020                                                  | 3.64                               | 1.8                                                     | 4.1                                                                         | --                                                    | --                                           | --                                                                    | 7.2                                        | 206                                                                   | --                                              | <.5                                                        | <.5                                                       |
| MAR   |      |                                                        |                                    |                                                         |                                                                             |                                                       |                                              |                                                                       |                                            |                                                                       |                                                 |                                                            |                                                           |
| 09... | 1046 | 80020                                                  | 3.61                               | 1.3                                                     | 3.3                                                                         | 744                                                   | 13.5                                         | 123                                                                   | 7.7                                        | 190                                                                   | 10.0                                            | <.5                                                        | <.5                                                       |
| 31... | 1001 | 80020                                                  | 3.61                               | 1.4                                                     | 12                                                                          | 743                                                   | 10.2                                         | 100                                                                   | 7.3                                        | 181                                                                   | 13.5                                            | <.5                                                        | <.5                                                       |
| APR   |      |                                                        |                                    |                                                         |                                                                             |                                                       |                                              |                                                                       |                                            |                                                                       |                                                 |                                                            |                                                           |
| 15... | 1031 | 80020                                                  | 3.62                               | 1.3                                                     | 7.0                                                                         | 755                                                   | 11.6                                         | 110                                                                   | 7.3                                        | 184                                                                   | 12.5                                            | <.5                                                        | <.5                                                       |
| MAY   |      |                                                        |                                    |                                                         |                                                                             |                                                       |                                              |                                                                       |                                            |                                                                       |                                                 |                                                            |                                                           |
| 13... | 1131 | 80020                                                  | --                                 | 1.6                                                     | 17                                                                          | 750                                                   | 3.7                                          | 41                                                                    | 7.1                                        | 293                                                                   | 20.0                                            | E.6                                                        | <.5                                                       |
| 20... | 1031 | 80020                                                  | 3.53                               | .76                                                     | 2.6                                                                         | --                                                    | 8.2                                          | --                                                                    | 7.2                                        | 186                                                                   | 21.5                                            | <.5                                                        | <.5                                                       |
| JUN   |      |                                                        |                                    |                                                         |                                                                             |                                                       |                                              |                                                                       |                                            |                                                                       |                                                 |                                                            |                                                           |
| 08... | 0916 | 80020                                                  | 3.54                               | .70                                                     | 13                                                                          | 752                                                   | 7.5                                          | 85                                                                    | 7.1                                        | 141                                                                   | 21.0                                            | <.5                                                        | <.5                                                       |
| JUL   |      |                                                        |                                    |                                                         |                                                                             |                                                       |                                              |                                                                       |                                            |                                                                       |                                                 |                                                            |                                                           |
| 12... | 0916 | 80020                                                  | 3.56                               | .66                                                     | 3.7                                                                         | 750                                                   | 7.5                                          | 91                                                                    | 7.5                                        | 196                                                                   | 24.0                                            | E.1t                                                       | <.5                                                       |
| AUG   |      |                                                        |                                    |                                                         |                                                                             |                                                       |                                              |                                                                       |                                            |                                                                       |                                                 |                                                            |                                                           |
| 10... | 1001 | 80020                                                  | --                                 | .63                                                     | 3.4                                                                         | 751                                                   | 8.6                                          | 97                                                                    | 7.4                                        | 174                                                                   | 20.5                                            | <.5                                                        | <.5                                                       |

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**023365218 PROCTOR CREEK TRIBUTARY AT SPRING ROAD, AT ATLANTA, GA—  
continued.**

| Date      | 2,6-Di-methyl-naphthalene,<br>water,<br>ug/L<br>(62055) | 2-Methyl-naphth-alene,<br>water,<br>ug/L<br>(62056) | 3-beta-Copros-melane,<br>water,<br>ug/L<br>(62057) | 3-Methyl-1H-indole,<br>water,<br>ug/L<br>(62058) | 3-tert-Butyl-droxyphenol,<br>water,<br>ug/L<br>(62059) | 4-Cumyl-phenol,<br>water,<br>ug/L<br>(62060) | 4-Octyl-phenol,<br>water,<br>ug/L<br>(62061) | 4-Nonyl-phenol,<br>water,<br>ug/L<br>(62085) | 4-Octyl-phenol,<br>water,<br>ug/L<br>(62062) | 4-tert-Octyl-phenol,<br>water,<br>ug/L<br>(62063) | 5-Methylbenzo-quinone,<br>water,<br>ug/L<br>(62066) | 9,10-Anthra-phenone,<br>water,<br>ug/L<br>(62064) | Aceto-phenone,<br>water,<br>ug/L<br>(62065) | AHTN,<br>water,<br>ug/L |
|-----------|---------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|--------------------------------------------------|--------------------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|---------------------------------------------------|-----------------------------------------------------|---------------------------------------------------|---------------------------------------------|-------------------------|
| OCT 17... | <.5                                                     | <.5                                                 | <2                                                 | <1                                               | <5                                                     | <1                                           | <1                                           | <5                                           | <1                                           | <2                                                | <.5                                                 | <.5                                               | E.1                                         |                         |
| JAN 12... | <.5                                                     | M                                                   | M                                                  | <5                                               | <1                                                     | <1                                           | <5                                           | <1                                           | <2                                           | <.5                                               | <.5                                                 | E.1                                               |                                             |                         |
| 29...     | <.5                                                     | <.5                                                 | <2                                                 | M                                                | <5                                                     | <1                                           | <5                                           | <1                                           | <2                                           | <.5                                               | <.5                                                 | E.1                                               |                                             |                         |
| FEB 10... | <.5                                                     | <.5                                                 | M                                                  | <1                                               | <5                                                     | <1                                           | <1                                           | <5                                           | <1                                           | <2                                                | <.5                                                 | <.5                                               | E.1                                         |                         |
| MAR 09... | <.5                                                     | <.5                                                 | <2                                                 | <1                                               | <5                                                     | <1                                           | <1                                           | <5                                           | <1                                           | <2                                                | <.5                                                 | <.5                                               | E.1                                         |                         |
| 31...     | <.5                                                     | <.5                                                 | <2                                                 | M                                                | <5                                                     | <1                                           | <1                                           | E1                                           | <1                                           | <2                                                | E.1                                                 | E.1                                               | E.1                                         |                         |
| APR 15... | <.5                                                     | <.5                                                 | E1                                                 | M                                                | <5                                                     | <1                                           | <1                                           | M                                            | <1                                           | <2                                                | <.5                                                 | <.5                                               | E.1                                         |                         |
| MAY 13... | <.5                                                     | <.5                                                 | 8                                                  | 2                                                | <5                                                     | <1                                           | <1                                           | E5                                           | M                                            | <2                                                | <.5                                                 | <.5                                               | 1.6                                         |                         |
| 20...     | <.5                                                     | <.5                                                 | M                                                  | M                                                | <5                                                     | <1                                           | <1                                           | E2                                           | <1                                           | <2                                                | <.5                                                 | <.5                                               | E.2                                         |                         |
| JUN 08... | <.5                                                     | <.5                                                 | <2                                                 | <1                                               | <5                                                     | <1                                           | <1                                           | E3                                           | <1                                           | <2                                                | E.5                                                 | <.5                                               | E.4                                         |                         |
| JUL 12... | <.5                                                     | <.5                                                 | <2                                                 | Mt                                               | <5                                                     | <1                                           | <1                                           | <5                                           | <1                                           | <2                                                | E.1t                                                | <.5                                               | E.2t                                        |                         |
| AUG 10... | <.5                                                     | <.5                                                 | <2                                                 | <1                                               | <5                                                     | <1                                           | <1                                           | <5                                           | <1                                           | <2                                                | <.5                                                 | <.5                                               | E.1t                                        |                         |

| Date      | Anthra-cene,<br>water,<br>ug/L<br>(34221) | Benzo-[a]-pyrene,<br>water,<br>ug/L<br>(34248) | Benzo-phenone,<br>water,<br>ug/L<br>(62067) | beta-Sitos-terol,<br>water,<br>ug/L<br>(62068) | beta-Stigma-stanol,<br>water,<br>ug/L<br>(62086) | Bisphe-nol A,<br>water,<br>ug/L<br>(62069) | Bromo-cil,<br>water,<br>ug/L<br>(04029) | Caf-eine,<br>water,<br>ug/L<br>(50305) | Caf-feine,<br>water,<br>ug/L<br>(62070) | Car-baryl,<br>water,<br>ug/L<br>(82680) | Carba-zole,<br>water,<br>ug/L<br>(62071) | Chlor-pyrifos,<br>water,<br>ug/L<br>(38933) | Choles-terol,<br>water,<br>ug/L<br>(62072) |  |
|-----------|-------------------------------------------|------------------------------------------------|---------------------------------------------|------------------------------------------------|--------------------------------------------------|--------------------------------------------|-----------------------------------------|----------------------------------------|-----------------------------------------|-----------------------------------------|------------------------------------------|---------------------------------------------|--------------------------------------------|--|
| OCT 17... | <.5                                       | <.5                                            | E.1                                         | <2                                             | <2                                               | <1                                         | .5                                      | M                                      | <.5                                     | <1                                      | <.5                                      | <.5                                         | M                                          |  |
| JAN 12... | <.5                                       | <.5                                            | E.1                                         | <2                                             | <2                                               | <1                                         | E.4                                     | E.1                                    | <.5                                     | <1                                      | <.5                                      | <.5                                         | M                                          |  |
| 29...     | <.5                                       | <.5                                            | E.1                                         | <2                                             | <2                                               | M                                          | E.5                                     | M                                      | <.5                                     | <1                                      | <.5                                      | <.5                                         | <2                                         |  |
| FEB 10... | <.5                                       | <.5                                            | <.5                                         | <2                                             | <2                                               | <1                                         | .6                                      | E.1                                    | M                                       | <1                                      | <.5                                      | <.5                                         | M                                          |  |
| MAR 09... | <.5                                       | <.5                                            | <.5                                         | <2                                             | <2                                               | <1                                         | E.5                                     | M                                      | M                                       | <1                                      | <.5                                      | <.5                                         | <2                                         |  |
| 31...     | M                                         | <.5                                            | M                                           | <2                                             | <2                                               | <1                                         | .6                                      | E.2                                    | M                                       | <1                                      | <.5                                      | <.5                                         | M                                          |  |
| APR 15... | <.5                                       | <.5                                            | M                                           | E2                                             | E2                                               | <1                                         | .5                                      | <.5                                    | <.5                                     | <1                                      | <.5                                      | <.5                                         | E2                                         |  |
| MAY 13... | <.5                                       | <.5                                            | .5                                          | 4                                              | <2                                               | 1                                          | <.5                                     | 11.0                                   | E.5                                     | <1                                      | <.5                                      | <.5                                         | 16                                         |  |
| 20...     | <.5                                       | <.5                                            | <.5                                         | <2                                             | <2                                               | <1                                         | .8                                      | E.1                                    | E.1                                     | <1                                      | <.5                                      | <.5                                         | E1                                         |  |
| JUN 08... | <.5                                       | <.5                                            | <.5                                         | <2                                             | <2                                               | <1                                         | 2.0                                     | E.4                                    | E.1                                     | <1                                      | E.2                                      | <.5                                         | <2                                         |  |
| JUL 12... | <.5                                       | <.5                                            | E.1t                                        | <2                                             | <2                                               | <1                                         | <.5                                     | E.2t                                   | Mt                                      | Mt                                      | <.5                                      | <.5                                         | <2                                         |  |
| AUG 10... | <.5                                       | <.5                                            | <.5                                         | <2                                             | <2                                               | <1                                         | E.4t                                    | <.5                                    | <.5                                     | <1                                      | <.5                                      | <.5                                         | <2                                         |  |

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**023365218 PROCTOR CREEK TRIBUTARY AT SPRING ROAD, AT ATLANTA, GA—  
continued.**

| Date      | Cot-inine,<br>water,<br>ug/L<br>(62005) | DEET,<br>water,<br>ug/L<br>(62082) | Diazi-non, water,<br>water,<br>ug/L<br>(39572) | Ethoxy-nonyl,<br>phenol,<br>water,<br>ug/L<br>(62083) | Ethoxy-octyl,<br>phenol,<br>water,<br>ug/L<br>(61705) | D-Limo-nene,<br>water,<br>ug/L<br>(62073) | Ethoxy-octyl,<br>phenol,<br>water,<br>ug/L<br>(61706) | Fluor-anthene,<br>water,<br>ug/L<br>(34377) | HHCB,<br>water,<br>ug/L<br>(62075) | Indole,<br>water,<br>ug/L<br>(62076) | Isobor-neol,<br>water,<br>ug/L<br>(62077) | Iso-phorone,<br>water,<br>ug/L<br>(34409) | Iso-propylbenzene,<br>water,<br>ug/L<br>(62078) |
|-----------|-----------------------------------------|------------------------------------|------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------|-------------------------------------------------------|---------------------------------------------|------------------------------------|--------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------------|
| OCT 17... | <1.00                                   | E.2                                | <.5                                            | <5                                                    | <1                                                    | <.5                                       | <1                                                    | <.5                                         | <.5                                | <.5                                  | <.5                                       | <.5                                       | <.5                                             |
| JAN 12... | <1.00                                   | E.1                                | <.5                                            | <5                                                    | M                                                     | <.5                                       | <1                                                    | <.5                                         | M                                  | <.5                                  | <.5                                       | <.5                                       | <.5                                             |
| 29...     | <1.00                                   | E.1                                | <.5                                            | <5                                                    | <1                                                    | <.5                                       | <1                                                    | <.5                                         | <.5                                | <.5                                  | <.5                                       | <.5                                       | <.5                                             |
| FEB 10... | <1.00                                   | E.1                                | <.5                                            | <5                                                    | <1                                                    | <.5                                       | <1                                                    | <.5                                         | E.1                                | <.5                                  | <.5                                       | <.5                                       | <.5                                             |
| MAR 09... | <1.00                                   | M                                  | <.5                                            | <5                                                    | <1                                                    | <.5                                       | <1                                                    | <.5                                         | <.5                                | <.5                                  | M                                         | <.5                                       | <.5                                             |
| 31...     | <1.00                                   | E.1                                | <.5                                            | <5                                                    | <1                                                    | <.5                                       | <1                                                    | <.5                                         | M                                  | <.5                                  | M                                         | <.5                                       | <.5                                             |
| APR 15... | <1.00                                   | E.1                                | <.5                                            | E3                                                    | M                                                     | <.5                                       | M                                                     | <.5                                         | E.1                                | M                                    | <.5                                       | <.5                                       | <.5                                             |
| MAY 13... | 1.40                                    | 1.4                                | <.5                                            | E11                                                   | <1                                                    | E.2                                       | E2                                                    | E.1                                         | E.3                                | 1.9                                  | .6                                        | <.5                                       | <.5                                             |
| 20...     | <1.00                                   | E.2                                | <.5                                            | <5                                                    | <1                                                    | E.1                                       | <1                                                    | M                                           | E.1                                | E.1                                  | <.5                                       | <.5                                       | M                                               |
| JUN 08... | <1.00                                   | E.8                                | <.5                                            | <5                                                    | <1                                                    | <.5                                       | <1                                                    | E.1                                         | E.4                                | <.5                                  | E.5                                       | <.5                                       |                                                 |
| JUL 12... | <1.00                                   | .7                                 | <.5                                            | <5                                                    | <1                                                    | <.5                                       | <1                                                    | Mt                                          | E.1t                               | Mt                                   | <.5                                       | <.5                                       | <.5                                             |
| AUG 10... | <1.00                                   | E.1t                               | <.5                                            | <5                                                    | <1                                                    | <.5                                       | <1                                                    | Mt                                          | <.5                                | <.5                                  | <.5                                       | <.5                                       | <.5                                             |

| Date      | Iso-quinoline,<br>water,<br>ug/L<br>(62079) | Menthol,<br>water,<br>ug/L<br>(62080) | Meta-laxyl,<br>water,<br>ug/L<br>(50359) | Methyl salicylate,<br>water,<br>ug/L<br>(62081) | Metola-chlor,<br>water,<br>ug/L<br>(39415) | Naphth-alene,<br>water,<br>ug/L<br>(34443) | p-Chloro-Cresol,<br>water,<br>ug/L<br>(62084) | Penta-chloro-phenol,<br>water,<br>ug/L<br>(34459) | Phenan-threne,<br>water,<br>ug/L<br>(34462) | Phenol,<br>water,<br>ug/L<br>(34466) | Promo-ton,<br>water,<br>ug/L<br>(04037) | Pyrene,<br>water,<br>ug/L<br>(34470) | Tetra-chloro-ethene,<br>water,<br>ug/L<br>(34476) |
|-----------|---------------------------------------------|---------------------------------------|------------------------------------------|-------------------------------------------------|--------------------------------------------|--------------------------------------------|-----------------------------------------------|---------------------------------------------------|---------------------------------------------|--------------------------------------|-----------------------------------------|--------------------------------------|---------------------------------------------------|
| OCT 17... | <.5                                         | <.5                                   | <.5                                      | <.5                                             | <.5                                        | E.1                                        | M                                             | <2                                                | <.5                                         | <.5                                  | <.5                                     | <.5                                  | E.2                                               |
| JAN 12... | <.5                                         | E.1                                   | <.5                                      | <.5                                             | <.5                                        | E.1                                        | M                                             | <2                                                | <.5                                         | E.2                                  | <.5                                     | <.5                                  | E1.1                                              |
| 29...     | <.5                                         | E.1                                   | <.5                                      | <.5                                             | <.5                                        | E.1                                        | M                                             | <2                                                | <.5                                         | .8                                   | <.5                                     | <.5                                  | E1.1                                              |
| FEB 10... | <.5                                         | E.1                                   | <.5                                      | <.5                                             | <.5                                        | E.1                                        | <1                                            | <2                                                | <.5                                         | E.4                                  | <.5                                     | <.5                                  | E1.4                                              |
| MAR 09... | <.5                                         | E.1                                   | <.5                                      | <.5                                             | <.5                                        | <.5                                        | <1                                            | <2                                                | <.5                                         | E.2                                  | <.5                                     | <.5                                  | E.5                                               |
| 31...     | <.5                                         | E.1                                   | <.5                                      | <.5                                             | <.5                                        | <.5                                        | M                                             | <2                                                | E.3                                         | E.3                                  | <.5                                     | <.5                                  | E.6                                               |
| APR 15... | <.5                                         | E.1                                   | <.5                                      | <.5                                             | <.5                                        | M                                          | M                                             | <2                                                | M                                           | E.4                                  | <.5                                     | <.5                                  | E.8                                               |
| MAY 13... | <.5                                         | 8.7                                   | <.5                                      | E.3                                             | <.5                                        | <.5                                        | M                                             | <2                                                | E.1                                         | 1.8                                  | <.5                                     | E.1                                  | E.7                                               |
| 20...     | <.5                                         | <.5                                   | <.5                                      | E.1                                             | <.5                                        | M                                          | M                                             | <2                                                | M                                           | <.5                                  | <.5                                     | M                                    | E.3                                               |
| JUN 08... | <.5                                         | E.3                                   | <.5                                      | <.5                                             | <.5                                        | <.5                                        | M                                             | <2                                                | E.1                                         | E1.0                                 | <.5                                     | E.1                                  | E.3                                               |
| JUL 12... | <.5                                         | E.1t                                  | <.5                                      | E.1t                                            | <.5                                        | <.5                                        | Mt                                            | <2                                                | <.5                                         | 1.1                                  | <.5                                     | Mt                                   | E.1t                                              |
| AUG 10... | <.5                                         | <.5                                   | <.5                                      | <.5                                             | <.5                                        | Mt                                         | <1                                            | <2                                                | <.5                                         | .7                                   | <.5                                     | Mt                                   | E.1t                                              |

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**023365218 PROCTOR CREEK TRIBUTARY AT SPRING ROAD, AT ATLANTA, GA—  
continued.**

| Date      | Tri-bromo-methane water, ug/L<br>(34288) | Tri-butyl phos-phate, water, ug/L<br>(62089) | Tri-clo-san, water, ug/L<br>(62090) | Tri-ethyl citrate, water, ug/L<br>(62091) | Tri-phenyl phos-phate, water, ug/L<br>(62092) | Tri-butoxy-ethyl phos-phate, water, ug/L<br>(62093) | Tris(2-chloro-ethyl) phos-phate, water, ug/L<br>(62087) | Tris(di-i-Pr) phos-phate, water, ug/L<br>(62088) | Di-chlor-vos, water, ug/L<br>(38775) |
|-----------|------------------------------------------|----------------------------------------------|-------------------------------------|-------------------------------------------|-----------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|--------------------------------------|
| OCT 17... | <.5                                      | E.1                                          | M                                   | <.5                                       | <.5                                           | <.5                                                 | <.5                                                     | M                                                | <1.00                                |
| JAN 12... | <.5                                      | E.1                                          | M                                   | <.5                                       | M                                             | <.5                                                 | M                                                       | E.1                                              | <1.00                                |
| 29...     | <.5                                      | E.1                                          | <1                                  | <.5                                       | M                                             | E.2                                                 | <.5                                                     | E.1                                              | <1.00                                |
| FEB 10... | <.5                                      | E.1                                          | <1                                  | <.5                                       | <.5                                           | E.3                                                 | E.1                                                     | <.5                                              | <1.00                                |
| MAR 09... | <.5                                      | <.5                                          | <1                                  | <.5                                       | M                                             | M                                                   | E.1                                                     | <1.00                                            |                                      |
| 31...     | <.5                                      | E.1                                          | M                                   | <.5                                       | M                                             | E.5                                                 | E.1                                                     | E.1                                              | <1.00                                |
| APR 15... | <.5                                      | <.5                                          | M                                   | <.5                                       | E.1                                           | E.4                                                 | E.1                                                     | E.1                                              | <1.00                                |
| MAY 13... | <.5                                      | E.3                                          | 2                                   | E.3                                       | E.2                                           | 6.3                                                 | E.3                                                     | E.3                                              | <1.00                                |
| 20...     | <.5                                      | <.5                                          | M                                   | <.5                                       | E.1                                           | E.4                                                 | <.5                                                     | E.1                                              | <1.00                                |
| JUN 08... | <.5                                      | E.8                                          | <1                                  | <.5                                       | E.2                                           | E.1.1                                               | E.3                                                     | E.4                                              | <1.00                                |
| JUL 12... | <.5                                      | E.4t                                         | Mt                                  | <.5                                       | E.1n                                          | E.7                                                 | E.1t                                                    | E.1t                                             | <1.00                                |
| AUG 10... | <.5                                      | E.1t                                         | <1                                  | <.5                                       | <.5                                           | .6                                                  | <.5                                                     | E.1t                                             | --u                                  |

| Date      | Time | Medium code | Hydro-logic event | Agency analyzing sample, code (00028) | Gage height, feet (00065) | Instantaneous discharge, cfs (00061) | Turbidity, IR LED light, deg FNU (63680) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | Disolved oxygen, percent of saturation (00301) | pH, unfiltrd field, std units (00400) | Specif. conductance, wat unf us/cm 25 degC (00095) | Temperature, water, deg C (00010) |
|-----------|------|-------------|-------------------|---------------------------------------|---------------------------|--------------------------------------|------------------------------------------|------------------------------------|--------------------------------|------------------------------------------------|---------------------------------------|----------------------------------------------------|-----------------------------------|
| OCT 17... | 0810 | 1           | 9                 | 81350                                 | 3.51                      | .69                                  | 5.8                                      | --                                 | 9.9                            | --                                             | 7.3                                   | 194                                                | 12.5                              |
| JAN 12... | 1045 | 1           | 9                 | 81350                                 | 3.58                      | 1.3                                  | <5.0                                     | 753                                | 14.1                           | 107                                            | 6.9                                   | 191                                                | 3.5                               |
| 29...     | 1032 | 1           | 9                 | 81350                                 | 3.66                      | 4.4                                  | 8.0                                      | 748                                | 13.5                           | 101                                            | 7.1                                   | 205                                                | 2.5                               |
| FEB 10... | 1147 | 1           | 9                 | 81350                                 | 3.64                      | 1.8                                  | 4.1                                      | --                                 | --                             | --                                             | 7.2                                   | 206                                                | --                                |
| MAR 09... | 1102 | 1           | 9                 | 81350                                 | 3.61                      | 1.3                                  | 3.3                                      | 744                                | 13.5                           | 123                                            | 7.7                                   | 190                                                | 10.0                              |
| 31...     | 1017 | 1           | 9                 | 81350                                 | 3.61                      | 1.4                                  | 11                                       | 743                                | 10.3                           | 101                                            | 7.3                                   | 182                                                | 13.5                              |
| APR 15... | 1017 | 1           | 9                 | 81350                                 | 3.62                      | 1.3                                  | 10                                       | 755                                | 11.5                           | 109                                            | 7.3                                   | 184                                                | 12.5                              |
| MAY 13... | 1147 | 1           | 9                 | 81350                                 | --                        | 1.6                                  | 17                                       | 750                                | 3.7                            | 41                                             | 7.1                                   | 292                                                | 20.0                              |
| 20...     | 1037 | 1           | 9                 | 81350                                 | 3.53                      | .76                                  | 2.7                                      | --                                 | 7.9                            | --                                             | 7.4                                   | 186                                                | 21.5                              |
| JUN 08... | 0922 | 1           | 9                 | 81350                                 | 3.54                      | .70                                  | 12                                       | 752                                | 7.5                            | 85                                             | 7.1                                   | 141                                                | 21.0                              |
| JUL 12... | 0912 | 1           | 9                 | 81350                                 | 3.56                      | .66                                  | 4.2                                      | 750                                | 7.5                            | 92                                             | 7.3                                   | 196                                                | 24.5                              |
| AUG 10... | 0957 | 1           | 9                 | 81350                                 | --                        | .63                                  | 3.9                                      | 751                                | 8.7                            | 98                                             | 7.4                                   | 174                                                | 20.5                              |

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**023365218 PROCTOR CREEK TRIBUTARY AT SPRING ROAD, AT ATLANTA, GA—  
continued.**

| Date  | Alum-inum,<br>suspn<br>sedimnt<br>total,<br>percent<br>(30221) | Anti-mony,<br>suspn<br>sedimnt<br>total,<br>percent<br>(29816) | Arsenic<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29818) | Barium,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29820) | Beryllium,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29822) | Cadmium<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29826) | Chrom-ium,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29829) | Cobalt,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(35031) | Copper,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29832) | Iron,<br>suspn<br>sedimnt<br>total,<br>percent<br>(30269) | Lead,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29836) | Lithium<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(35050) | Mangan-ese,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29839) |
|-------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------|
| OCT   |                                                                |                                                                |                                                          |                                                          |                                                             |                                                          |                                                             |                                                          |                                                          |                                                           |                                                        |                                                          |                                                              |
| 17... | 6.9                                                            | 1.1                                                            | 3.2                                                      | 620                                                      | 2                                                           | .5                                                       | 49                                                          | 13                                                       | 45                                                       | 2.8                                                       | 68                                                     | 28                                                       | 1400                                                         |
| JAN   |                                                                |                                                                |                                                          |                                                          |                                                             |                                                          |                                                             |                                                          |                                                          |                                                           |                                                        |                                                          |                                                              |
| 12... | 8.2                                                            | 1.9                                                            | 3.7                                                      | 840                                                      | 3                                                           | .6                                                       | 140                                                         | 17                                                       | 120                                                      | 3.8                                                       | 110                                                    | 43                                                       | 1400                                                         |
| 29... | 8.2                                                            | 5.2                                                            | 4.2                                                      | 1600                                                     | 3                                                           | .6                                                       | 190                                                         | 13                                                       | 79                                                       | 4.1                                                       | 630                                                    | 40                                                       | 1100                                                         |
| FEB   |                                                                |                                                                |                                                          |                                                          |                                                             |                                                          |                                                             |                                                          |                                                          |                                                           |                                                        |                                                          |                                                              |
| 10... | 8.7                                                            | 2.8                                                            | 5.8                                                      | 740                                                      | 3                                                           | .6                                                       | 110                                                         | 13                                                       | 95                                                       | 4.9                                                       | 180                                                    | 42                                                       | 1100                                                         |
| MAR   |                                                                |                                                                |                                                          |                                                          |                                                             |                                                          |                                                             |                                                          |                                                          |                                                           |                                                        |                                                          |                                                              |
| 09... | 4.8                                                            | .9                                                             | 2.8                                                      | 500                                                      | 2                                                           | 1.1                                                      | 48                                                          | 15                                                       | 86                                                       | 2.9                                                       | 68                                                     | 28                                                       | 2000                                                         |
| 31... | 9.1                                                            | 1.9                                                            | 7.2                                                      | 520                                                      | 3                                                           | 1.2                                                      | 72                                                          | 26                                                       | 92                                                       | 6.8                                                       | 98                                                     | 38                                                       | 4700                                                         |
| APR   |                                                                |                                                                |                                                          |                                                          |                                                             |                                                          |                                                             |                                                          |                                                          |                                                           |                                                        |                                                          |                                                              |
| 15... | 7.5                                                            | 1.9                                                            | 7.2                                                      | 460                                                      | 2                                                           | .2                                                       | 980                                                         | 19                                                       | 72                                                       | 6.3                                                       | 88                                                     | 41                                                       | 1400                                                         |
| MAY   |                                                                |                                                                |                                                          |                                                          |                                                             |                                                          |                                                             |                                                          |                                                          |                                                           |                                                        |                                                          |                                                              |
| 13... | 2.9                                                            | 1.0                                                            | 3.5                                                      | 510                                                      | 2                                                           | 1.4                                                      | --o                                                         | 12                                                       | 170                                                      | 4.0                                                       | 98                                                     | 14                                                       | 2000                                                         |
| 20... | 2.3                                                            | 2.3                                                            | 6.7                                                      | 470                                                      | 1                                                           | .8                                                       | 200                                                         | 13                                                       | 80                                                       | 5.4                                                       | 69                                                     | 10                                                       | 2000                                                         |
| JUN   |                                                                |                                                                |                                                          |                                                          |                                                             |                                                          |                                                             |                                                          |                                                          |                                                           |                                                        |                                                          |                                                              |
| 08... | 10                                                             | 3.8                                                            | 7.5                                                      | 390                                                      | 3                                                           | .8                                                       | 120                                                         | 13                                                       | 74                                                       | 4.8                                                       | 130                                                    | 53                                                       | 1100                                                         |
| JUL   |                                                                |                                                                |                                                          |                                                          |                                                             |                                                          |                                                             |                                                          |                                                          |                                                           |                                                        |                                                          |                                                              |
| 12... | 4.8                                                            | 1.5                                                            | 6.6                                                      | 590                                                      | 1                                                           | .6                                                       | 100                                                         | 8                                                        | 46                                                       | 3.9                                                       | 61                                                     | 22                                                       | 1200                                                         |
| AUG   |                                                                |                                                                |                                                          |                                                          |                                                             |                                                          |                                                             |                                                          |                                                          |                                                           |                                                        |                                                          |                                                              |
| 10... | 6.8                                                            | 1.6                                                            | 7.3                                                      | 480                                                      | 2                                                           | 1.0                                                      | 170                                                         | 12                                                       | 120                                                      | 4.7                                                       | 85                                                     | 34                                                       | 1000                                                         |

| Date  | Mercury<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29841) | Molyb-denum,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29843) | Nickel,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29845) | Selen-ium,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29847) | Silver,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29850) | Stront-ium,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(35040) | Thall-ium,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(49955) | Titan-ium,<br>suspn<br>sedimnt<br>total,<br>percent<br>(30317) | Vanad-ium,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29853) | Zinc,<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(29855) | Uranium<br>suspn<br>sedimnt<br>total,<br>ug/g<br>(35046) | Suspnd.<br>sedimnt<br>conc,<br>flow<br>through<br>cntrfug<br>mg/L<br>(50279) |  |
|-------|----------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------|--|
| OCT   |                                                          |                                                               |                                                          |                                                             |                                                          |                                                              |                                                             |                                                                |                                                             |                                                        |                                                          |                                                                              |  |
| 17... | .10                                                      | 3                                                             | 32                                                       | M                                                           | <.5                                                      | 180                                                          | <50                                                         | .250                                                           | 56                                                          | 250                                                    | <50                                                      | 1                                                                            |  |
| JAN   |                                                          |                                                               |                                                          |                                                             |                                                          |                                                              |                                                             |                                                                |                                                             |                                                        |                                                          |                                                                              |  |
| 12... | --o                                                      | 11                                                            | 68                                                       | M                                                           | <1                                                       | 96                                                           | <100                                                        | .330                                                           | 75                                                          | 370                                                    | <100                                                     | 3                                                                            |  |
| 29... | --o                                                      | 12                                                            | 52                                                       | M                                                           | <2                                                       | 170                                                          | <150                                                        | .340                                                           | 72                                                          | 410                                                    | <150                                                     | 2                                                                            |  |
| FEB   |                                                          |                                                               |                                                          |                                                             |                                                          |                                                              |                                                             |                                                                |                                                             |                                                        |                                                          |                                                                              |  |
| 10... | --o                                                      | 5                                                             | 38                                                       | 1                                                           | <1                                                       | 180                                                          | <100                                                        | .320                                                           | 81                                                          | 590                                                    | <100                                                     | 2                                                                            |  |
| MAR   |                                                          |                                                               |                                                          |                                                             |                                                          |                                                              |                                                             |                                                                |                                                             |                                                        |                                                          |                                                                              |  |
| 09... | .09                                                      | 3                                                             | 31                                                       | M                                                           | 2                                                        | 130                                                          | <100                                                        | .200                                                           | 55                                                          | 360                                                    | <100                                                     | 4                                                                            |  |
| 31... | .12                                                      | 4                                                             | 40                                                       | 2                                                           | <1                                                       | 69                                                           | <100                                                        | .380                                                           | 110                                                         | 610                                                    | <100                                                     | 4                                                                            |  |
| APR   |                                                          |                                                               |                                                          |                                                             |                                                          |                                                              |                                                             |                                                                |                                                             |                                                        |                                                          |                                                                              |  |
| 15... | .16                                                      | 110                                                           | 590                                                      | 1                                                           | <1                                                       | 280                                                          | <100                                                        | .300                                                           | 84                                                          | 330                                                    | <100                                                     | 2                                                                            |  |
| MAY   |                                                          |                                                               |                                                          |                                                             |                                                          |                                                              |                                                             |                                                                |                                                             |                                                        |                                                          |                                                                              |  |
| 13... | .28                                                      | --o                                                           | --o                                                      | M                                                           | M                                                        | 220                                                          | <50                                                         | .450                                                           | 17                                                          | 620                                                    | <50                                                      | 5                                                                            |  |
| 20... | .09                                                      | 28                                                            | 170                                                      | 2                                                           | <1                                                       | 310                                                          | <100                                                        | .099                                                           | 42                                                          | 330                                                    | <100                                                     | 2                                                                            |  |
| JUN   |                                                          |                                                               |                                                          |                                                             |                                                          |                                                              |                                                             |                                                                |                                                             |                                                        |                                                          |                                                                              |  |
| 08... | .25                                                      | 12                                                            | 68                                                       | 2                                                           | <.5                                                      | 130                                                          | <50                                                         | .440                                                           | 68                                                          | 390                                                    | <50                                                      | 4                                                                            |  |
| JUL   |                                                          |                                                               |                                                          |                                                             |                                                          |                                                              |                                                             |                                                                |                                                             |                                                        |                                                          |                                                                              |  |
| 12... | .05                                                      | 12                                                            | 73                                                       | M                                                           | <1                                                       | 190                                                          | <100                                                        | .150                                                           | 42                                                          | 220                                                    | <100                                                     | 4                                                                            |  |
| AUG   |                                                          |                                                               |                                                          |                                                             |                                                          |                                                              |                                                             |                                                                |                                                             |                                                        |                                                          |                                                                              |  |
| 10... | .15                                                      | 15                                                            | 100                                                      | 1                                                           | <1                                                       | 310                                                          | <100                                                        | .250                                                           | 63                                                          | 330                                                    | <100                                                     | 2                                                                            |  |

Remark codes used in this table:

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

Value qualifier codes used in this table:

d -- Diluted sample: method hi range exceeded  
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