

**0209801100 B. EVERETT JORDAN LAKE AT BELLS LANDING NEAR GRIFFINS CROSSROADS, NC**

Cape Fear Basin  
Haw Subbasin

LOCATION.--Lat 35°43'39", long 79°02'34" referenced to North American Datum of 1983, Chatham County, NC, Hydrologic Unit 03030002, at Bells Landing and 2.0 mi southeast of Griffins Crossroads.

DRAINAGE AREA.--300 mi<sup>2</sup>, approximately.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1991-1995, 1999 to current year.

REMARKS.--Station operated to define water quality as part of a regional surface-water quality assessment. A GC/FID scan for trace organic compounds was performed on samples collected in November 1994 and May 1995. Results may be obtained from the USGS Water Science Center, Raleigh. Samples for nutrient, chlorophyll *a*, and pheophytin *a* analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique. Prior to October 1, 2005, samples for chlorophyll *a* were analyzed using a high-performance liquid chromatography method.

## 0209801100 B. EVERETT JORDAN LAKE AT BELLS LANDING NEAR GRIFFINS CROSSROADS, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 4

[Remark codes: &lt;, less than; E, estimated.]

| Date       | Time | Color,<br>water,<br>fltrd,<br>Pt-Co<br>units<br>(00080) | Sam-<br>pling<br>depth,<br>meters<br>(00098) | Trans-<br>parency<br>Secchi<br>disc,<br>meters<br>(00078) | 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>water,<br>unfltrd<br>field,<br>std<br>units<br>(00400) | Specif-<br>ic<br>conduc-<br>tance,<br>wat unf<br>μS/cm<br>25 degC<br>(00095) | Temper-<br>ature,<br>water,<br>deg C<br>(00010) | Hard-<br>ness,<br>water,<br>mg/L as<br>CaCO3<br>(00900) | Calcium<br>water,<br>fltrd,<br>mg/L<br>(00915) | Magnes-<br>ium,<br>water,<br>fltrd,<br>mg/L<br>(00925) |
|------------|------|---------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------|------------------------------------------------|--------------------------------------------------------|
| <b>Oct</b> |      |                                                         |                                              |                                                           |                                                       |                                              |                                                                       |                                                               |                                                                              |                                                 |                                                         |                                                |                                                        |
| 17...      | 1115 | 30                                                      | 1.0                                          | .70                                                       | 762                                                   | 11.3                                         | 130                                                                   | 9.1                                                           | 168                                                                          | 22.2                                            | 37                                                      | 9.25                                           | 3.34                                                   |
| 17...      | 1120 | --                                                      | 2.0                                          | --                                                        | 762                                                   | 10.5                                         | 120                                                                   | 9.0                                                           | 168                                                                          | 22.1                                            | --                                                      | --                                             | --                                                     |
| 17...      | 1125 | --                                                      | 5.0                                          | --                                                        | 762                                                   | 3.2                                          | 36                                                                    | 7.1                                                           | 170                                                                          | 21.4                                            | --                                                      | --                                             | --                                                     |
| <b>Dec</b> |      |                                                         |                                              |                                                           |                                                       |                                              |                                                                       |                                                               |                                                                              |                                                 |                                                         |                                                |                                                        |
| 05...      | 0900 | --                                                      | 1.4                                          | .70                                                       | --                                                    | --                                           | --                                                                    | --                                                            | --                                                                           | --                                              | --                                                      | --                                             | --                                                     |
| 05...      | 0905 | 30                                                      | 1.0                                          | --                                                        | 751                                                   | 8.2                                          | 75                                                                    | 7.2                                                           | 186                                                                          | 10.7                                            | 34                                                      | 8.37                                           | 3.10                                                   |
| 05...      | 0910 | --                                                      | 3.0                                          | --                                                        | 751                                                   | 8.2                                          | 75                                                                    | 7.2                                                           | 186                                                                          | 10.7                                            | --                                                      | --                                             | --                                                     |
| 05...      | 0915 | --                                                      | 5.0                                          | --                                                        | 751                                                   | 8.1                                          | 74                                                                    | 7.2                                                           | 186                                                                          | 10.6                                            | --                                                      | --                                             | --                                                     |
| <b>Feb</b> |      |                                                         |                                              |                                                           |                                                       |                                              |                                                                       |                                                               |                                                                              |                                                 |                                                         |                                                |                                                        |
| 27...      | 0915 | --                                                      | 1.8                                          | .90                                                       | --                                                    | --                                           | --                                                                    | --                                                            | --                                                                           | --                                              | --                                                      | --                                             | --                                                     |
| 27...      | 0920 | 18                                                      | 1.0                                          | --                                                        | 750                                                   | 12.9                                         | 115                                                                   | 7.8                                                           | 204                                                                          | 9.7                                             | 33                                                      | 8.11                                           | 3.05                                                   |
| 27...      | 0925 | --                                                      | 3.0                                          | --                                                        | 750                                                   | 12.8                                         | 114                                                                   | 7.7                                                           | 205                                                                          | 9.6                                             | --                                                      | --                                             | --                                                     |
| 27...      | 0930 | --                                                      | 6.0                                          | --                                                        | 750                                                   | 12.0                                         | 106                                                                   | 7.6                                                           | 205                                                                          | 9.5                                             | --                                                      | --                                             | --                                                     |
| <b>Apr</b> |      |                                                         |                                              |                                                           |                                                       |                                              |                                                                       |                                                               |                                                                              |                                                 |                                                         |                                                |                                                        |
| 23...      | 1145 | --                                                      | 2.0                                          | 1.00                                                      | --                                                    | --                                           | --                                                                    | --                                                            | --                                                                           | --                                              | --                                                      | --                                             | --                                                     |
| 23...      | 1150 | 30                                                      | 1.0                                          | --                                                        | 762                                                   | 9.2                                          | 95                                                                    | 7.4                                                           | 182                                                                          | 16.9                                            | 31                                                      | 7.50                                           | 2.91                                                   |
| 23...      | 1155 | --                                                      | 3.0                                          | --                                                        | 762                                                   | 9.0                                          | 93                                                                    | 7.4                                                           | 182                                                                          | 16.8                                            | --                                                      | --                                             | --                                                     |
| 23...      | 1200 | --                                                      | 6.0                                          | --                                                        | 762                                                   | 4.4                                          | 44                                                                    | 6.9                                                           | 186                                                                          | 15.2                                            | --                                                      | --                                             | --                                                     |
| <b>Jun</b> |      |                                                         |                                              |                                                           |                                                       |                                              |                                                                       |                                                               |                                                                              |                                                 |                                                         |                                                |                                                        |
| 20...      | 1045 | --                                                      | 2.4                                          | 1.20                                                      | --                                                    | --                                           | --                                                                    | --                                                            | --                                                                           | --                                              | --                                                      | --                                             | --                                                     |
| 20...      | 1050 | 30                                                      | 1.0                                          | --                                                        | 762                                                   | 8.2                                          | 105                                                                   | 8.6                                                           | 182                                                                          | 28.0                                            | 33                                                      | 8.10                                           | 3.09                                                   |
| 20...      | 1055 | --                                                      | 3.0                                          | --                                                        | 762                                                   | 7.7                                          | 98                                                                    | 8.5                                                           | 182                                                                          | 27.4                                            | --                                                      | --                                             | --                                                     |
| 20...      | 1100 | --                                                      | 6.0                                          | --                                                        | 762                                                   | .2                                           | 2                                                                     | 6.9                                                           | 189                                                                          | 23.4                                            | --                                                      | --                                             | --                                                     |
| <b>Aug</b> |      |                                                         |                                              |                                                           |                                                       |                                              |                                                                       |                                                               |                                                                              |                                                 |                                                         |                                                |                                                        |
| 05...      | 1000 | --                                                      | 2.6                                          | 1.30                                                      | --                                                    | --                                           | --                                                                    | --                                                            | --                                                                           | --                                              | --                                                      | --                                             | --                                                     |
| 05...      | 1005 | 25                                                      | 1.0                                          | --                                                        | 758                                                   | 8.2                                          | 109                                                                   | 8.6                                                           | 192                                                                          | 30.3                                            | 35                                                      | 8.84                                           | 3.23                                                   |
| 05...      | 1010 | --                                                      | 3.0                                          | --                                                        | 758                                                   | 6.3                                          | 83                                                                    | 7.7                                                           | 191                                                                          | 29.5                                            | --                                                      | --                                             | --                                                     |
| 05...      | 1015 | --                                                      | 6.0                                          | --                                                        | 758                                                   | .1                                           | 2                                                                     | 7.0                                                           | 203                                                                          | 27.6                                            | --                                                      | --                                             | --                                                     |

## 0209801100 B. EVERETT JORDAN LAKE AT BELLS LANDING NEAR GRIFFINS CROSSROADS, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 4

[Remark codes: &lt;, less than; E, estimated.]

| Date       | Potas-<br>sium,<br>water,<br>fltrd,<br>mg/L<br>(00935) | Sodium,<br>water,<br>fltrd,<br>mg/L<br>(00930) | ANC,<br>wat unf<br>infl pt<br>titr.,<br>field,<br>mg/L as<br>CaCO3<br>(00419) | Bicar-<br>bonate,<br>wat unf<br>infl pt<br>titr.,<br>field,<br>mg/L<br>(00450) | Chlor-<br>ide,<br>water,<br>fltrd,<br>mg/L<br>(00940) | Fluor-<br>ide,<br>water,<br>fltrd,<br>mg/L<br>(00950) | Silica,<br>water,<br>fltrd,<br>mg/L as<br>SiO2<br>(00955) | Sulfate<br>water,<br>fltrd,<br>mg/L<br>(00945) | Residue<br>on<br>evap.<br>at<br>180degC<br>wat flt<br>mg/L<br>(70300) | Ammonia<br>+<br>org-N,<br>water,<br>unfltrd<br>mg/L<br>as N<br>(00625) | Ammonia<br>water,<br>fltrd,<br>mg/L<br>as N<br>(00608) | Nitrate<br>+<br>nitrite<br>water<br>fltrd,<br>mg/L<br>as N<br>(00631) | Nitrite<br>water,<br>fltrd,<br>mg/L<br>as N<br>(00613) |
|------------|--------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------|
| <b>Oct</b> |                                                        |                                                |                                                                               |                                                                                |                                                       |                                                       |                                                           |                                                |                                                                       |                                                                        |                                                        |                                                                       |                                                        |
| 17...      | 3.90                                                   | 19.0                                           | 39                                                                            | 48                                                                             | 15.4                                                  | .21                                                   | 4.62                                                      | 10.4                                           | 94                                                                    | .92                                                                    | E.013                                                  | <.016                                                                 | <.002                                                  |
| 17...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | --                                             | --                                                                    | .86                                                                    | E.014                                                  | <.016                                                                 | <.002                                                  |
| 17...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | 10.4                                           | --                                                                    | .94                                                                    | .028                                                   | <.016                                                                 | E.001                                                  |
| <b>Dec</b> |                                                        |                                                |                                                                               |                                                                                |                                                       |                                                       |                                                           |                                                |                                                                       |                                                                        |                                                        |                                                                       |                                                        |
| 05...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | --                                             | --                                                                    | .67                                                                    | .033                                                   | .449                                                                  | .014                                                   |
| 05...      | 4.17                                                   | 24.3                                           | 38                                                                            | 47                                                                             | 19.2                                                  | .27                                                   | 5.35                                                      | 17.4                                           | 124                                                                   | --                                                                     | --                                                     | --                                                                    | --                                                     |
| 05...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | --                                             | --                                                                    | .59                                                                    | .031                                                   | .454                                                                  | .015                                                   |
| 05...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | 17.3                                           | --                                                                    | .70                                                                    | .040                                                   | .446                                                                  | .016                                                   |
| <b>Feb</b> |                                                        |                                                |                                                                               |                                                                                |                                                       |                                                       |                                                           |                                                |                                                                       |                                                                        |                                                        |                                                                       |                                                        |
| 27...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | --                                             | --                                                                    | .70                                                                    | <.020                                                  | .456                                                                  | .005                                                   |
| 27...      | 4.18                                                   | 27.0                                           | 37                                                                            | 45                                                                             | 21.6                                                  | .24                                                   | 4.33                                                      | 21.3                                           | 128                                                                   | --                                                                     | --                                                     | --                                                                    | --                                                     |
| 27...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | --                                             | --                                                                    | .68                                                                    | <.020                                                  | .462                                                                  | .005                                                   |
| 27...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | 21.3                                           | --                                                                    | .71                                                                    | E.012                                                  | .469                                                                  | .005                                                   |
| <b>Apr</b> |                                                        |                                                |                                                                               |                                                                                |                                                       |                                                       |                                                           |                                                |                                                                       |                                                                        |                                                        |                                                                       |                                                        |
| 23...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | --                                             | --                                                                    | .88                                                                    | .032                                                   | .187                                                                  | .009                                                   |
| 23...      | 3.73                                                   | 22.0                                           | 32                                                                            | 39                                                                             | 18.5                                                  | .20                                                   | 1.07                                                      | 20.8                                           | 117                                                                   | --                                                                     | --                                                     | --                                                                    | --                                                     |
| 23...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | --                                             | --                                                                    | .78                                                                    | .038                                                   | .190                                                                  | .009                                                   |
| 23...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | 20.7                                           | --                                                                    | .79                                                                    | .109                                                   | .216                                                                  | .012                                                   |
| <b>Jun</b> |                                                        |                                                |                                                                               |                                                                                |                                                       |                                                       |                                                           |                                                |                                                                       |                                                                        |                                                        |                                                                       |                                                        |
| 20...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | --                                             | --                                                                    | .64                                                                    | <.020                                                  | <.016                                                                 | <.002                                                  |
| 20...      | 3.93                                                   | 20.0                                           | 35                                                                            | 42                                                                             | 17.2                                                  | .19                                                   | .77                                                       | 18.8                                           | 111                                                                   | --                                                                     | --                                                     | --                                                                    | --                                                     |
| 20...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | --                                             | --                                                                    | .61                                                                    | <.020                                                  | <.016                                                                 | <.002                                                  |
| 20...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | 18.0                                           | --                                                                    | .70                                                                    | .102                                                   | <.016                                                                 | <.002                                                  |
| <b>Aug</b> |                                                        |                                                |                                                                               |                                                                                |                                                       |                                                       |                                                           |                                                |                                                                       |                                                                        |                                                        |                                                                       |                                                        |
| 05...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | --                                             | --                                                                    | .61                                                                    | <.020                                                  | <.016                                                                 | <.002                                                  |
| 05...      | 4.16                                                   | 21.8                                           | 38.4                                                                          | 47                                                                             | 18.3                                                  | .20                                                   | 1.28                                                      | 18.1                                           | 120                                                                   | --                                                                     | --                                                     | --                                                                    | --                                                     |
| 05...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | --                                             | --                                                                    | .60                                                                    | <.020                                                  | <.016                                                                 | <.002                                                  |
| 05...      | --                                                     | --                                             | --                                                                            | --                                                                             | --                                                    | --                                                    | --                                                        | 14.8                                           | --                                                                    | .69                                                                    | .172                                                   | <.016                                                                 | <.002                                                  |

## 0209801100 B. EVERETT JORDAN LAKE AT BELLS LANDING NEAR GRIFFINS CROSSROADS, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 3 of 4

[Remark codes: &lt;, less than; E, estimated.]

| Date       | Ortho-phosphate, water, fltrd, mg/L as P (00671) | Phosphorus, water, unfltrd mg/L as P (00665) | Organic carbon, water, fltrd, mg/L (00681) | Organic carbon, water, unfltrd mg/L (00680) | Chlorophyll a phytoplankton, fluoro, µg/L (70953) | Pheophytin a, phytoplankton, µg/L (62360) | Aluminum, water, unfltrd recover-able, µg/L (01105) | Arsenic water, unfltrd µg/L (01002) | Cadmium water, unfltrd µg/L (01027) | Chromium, water, unfltrd recover-able, µg/L (01034) | Cobalt water, unfltrd recover-able, µg/L (01037) | Copper, water, unfltrd recover-able, µg/L (01042) | Iron, water, unfltrd recover-able, µg/L (01045) |
|------------|--------------------------------------------------|----------------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------------------|-------------------------------------------|-----------------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------------------------|--------------------------------------------------|---------------------------------------------------|-------------------------------------------------|
| <b>Oct</b> |                                                  |                                              |                                            |                                             |                                                   |                                           |                                                     |                                     |                                     |                                                     |                                                  |                                                   |                                                 |
| 17...      | <.006                                            | .047                                         | 6.5                                        | 10.9                                        | 50.3                                              | 13.8                                      | 22                                                  | .77                                 | E.01                                | <.40                                                | .10                                              | <1.2                                              | 214                                             |
| 17...      | E.003                                            | .042                                         | --                                         | --                                          | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 97                                              |
| 17...      | <.006                                            | .059                                         | 5.9                                        | --                                          | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 321                                             |
| <b>Dec</b> |                                                  |                                              |                                            |                                             |                                                   |                                           |                                                     |                                     |                                     |                                                     |                                                  |                                                   |                                                 |
| 05...      | E.004                                            | .045                                         | --                                         | --                                          | 14.2                                              | 10.2                                      | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | --                                              |
| 05...      | --                                               | --                                           | 5.8                                        | 7.4                                         | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 236                                             |
| 05...      | E.004                                            | .045                                         | --                                         | --                                          | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 230                                             |
| 05...      | E.004                                            | .045                                         | 5.9                                        | --                                          | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 260                                             |
| <b>Feb</b> |                                                  |                                              |                                            |                                             |                                                   |                                           |                                                     |                                     |                                     |                                                     |                                                  |                                                   |                                                 |
| 27...      | E.003                                            | .040                                         | --                                         | --                                          | 25.0                                              | 14.6                                      | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | --                                              |
| 27...      | --                                               | --                                           | 5.9                                        | 8.0                                         | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 152                                             |
| 27...      | <.006                                            | .040                                         | --                                         | --                                          | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 150                                             |
| 27...      | E.003                                            | .040                                         | 5.9                                        | --                                          | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 178                                             |
| <b>Apr</b> |                                                  |                                              |                                            |                                             |                                                   |                                           |                                                     |                                     |                                     |                                                     |                                                  |                                                   |                                                 |
| 23...      | E.003                                            | .046                                         | --                                         | --                                          | 21.8                                              | 9.9                                       | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | --                                              |
| 23...      | --                                               | --                                           | 6.5                                        | 8.6                                         | --                                                | --                                        | 94                                                  | E.50                                | E.01                                | E.37                                                | .17                                              | E1.2                                              | 172                                             |
| 23...      | E.003                                            | .045                                         | --                                         | --                                          | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 168                                             |
| 23...      | E.003                                            | .057                                         | 6.6                                        | --                                          | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 280                                             |
| <b>Jun</b> |                                                  |                                              |                                            |                                             |                                                   |                                           |                                                     |                                     |                                     |                                                     |                                                  |                                                   |                                                 |
| 20...      | <.006                                            | .031                                         | --                                         | --                                          | 15.3                                              | 5.6                                       | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | --                                              |
| 20...      | --                                               | --                                           | 7.3                                        | 9.3                                         | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 61                                              |
| 20...      | <.006                                            | .029                                         | --                                         | --                                          | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 60                                              |
| 20...      | <.006                                            | .046                                         | 7.3                                        | --                                          | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 338                                             |
| <b>Aug</b> |                                                  |                                              |                                            |                                             |                                                   |                                           |                                                     |                                     |                                     |                                                     |                                                  |                                                   |                                                 |
| 05...      | E.004                                            | .025                                         | --                                         | --                                          | 10.4                                              | 3.1                                       | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | --                                              |
| 05...      | --                                               | --                                           | 7.2                                        | 8.3                                         | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 41                                              |
| 05...      | E.004                                            | .027                                         | --                                         | --                                          | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 65                                              |
| 05...      | E.004                                            | .037                                         | 7.3                                        | --                                          | --                                                | --                                        | --                                                  | --                                  | --                                  | --                                                  | --                                               | --                                                | 306                                             |

0209801100 B. EVERETT JORDAN LAKE AT BELLS LANDING NEAR GRIFFINS CROSSROADS, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 4 of 4

[Remark codes: &lt;, less than; E, estimated.]

| Date       | Lead,<br>water,<br>unfltrd<br>recover-<br>able,<br>µg/L<br>(01051) | Mangan-<br>ese,<br>water,<br>unfltrd<br>recover-<br>able,<br>µg/L<br>(01055) | Mercury<br>water,<br>unfltrd<br>recover-<br>able,<br>µg/L<br>(71890) | Mercury<br>water,<br>unfltrd<br>recover-<br>able,<br>µg/L<br>(71900) | Molyb-<br>denum,<br>water,<br>unfltrd<br>recover-<br>able,<br>µg/L<br>(01062) | Nickel,<br>water,<br>unfltrd<br>recover-<br>able,<br>µg/L<br>(01067) | Selen-<br>ium,<br>water,<br>unfltrd<br>µg/L<br>(01147) | Silver,<br>water,<br>unfltrd<br>recover-<br>able,<br>µg/L<br>(01077) | Zinc,<br>water,<br>unfltrd<br>recover-<br>able,<br>µg/L<br>(01092) |
|------------|--------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>Oct</b> |                                                                    |                                                                              |                                                                      |                                                                      |                                                                               |                                                                      |                                                        |                                                                      |                                                                    |
| 17...      | .07                                                                | 122                                                                          | .013                                                                 | .113                                                                 | 3.3                                                                           | .48                                                                  | .17                                                    | <.02                                                                 | <2.0                                                               |
| 17...      | --                                                                 | 93.4                                                                         | --                                                                   | --                                                                   | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 17...      | --                                                                 | 649                                                                          | <.010                                                                | E.008                                                                | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| <b>Dec</b> |                                                                    |                                                                              |                                                                      |                                                                      |                                                                               |                                                                      |                                                        |                                                                      |                                                                    |
| 05...      | --                                                                 | --                                                                           | --                                                                   | --                                                                   | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 05...      | --                                                                 | 166                                                                          | <.010                                                                | <.010                                                                | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 05...      | --                                                                 | 158                                                                          | --                                                                   | --                                                                   | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 05...      | --                                                                 | 168                                                                          | <.010                                                                | <.010                                                                | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| <b>Feb</b> |                                                                    |                                                                              |                                                                      |                                                                      |                                                                               |                                                                      |                                                        |                                                                      |                                                                    |
| 27...      | --                                                                 | --                                                                           | --                                                                   | --                                                                   | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 27...      | --                                                                 | 63.1                                                                         | <.010                                                                | .016                                                                 | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 27...      | --                                                                 | 62.5                                                                         | --                                                                   | --                                                                   | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 27...      | --                                                                 | 71.5                                                                         | E.005                                                                | E.008                                                                | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| <b>Apr</b> |                                                                    |                                                                              |                                                                      |                                                                      |                                                                               |                                                                      |                                                        |                                                                      |                                                                    |
| 23...      | --                                                                 | --                                                                           | --                                                                   | --                                                                   | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 23...      | .21                                                                | 68.5                                                                         | E.006                                                                | .021                                                                 | 1.8                                                                           | 1.1                                                                  | .17                                                    | <.02                                                                 | 2.3                                                                |
| 23...      | --                                                                 | 64.5                                                                         | --                                                                   | --                                                                   | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 23...      | --                                                                 | 131                                                                          | <.010                                                                | E.008                                                                | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| <b>Jun</b> |                                                                    |                                                                              |                                                                      |                                                                      |                                                                               |                                                                      |                                                        |                                                                      |                                                                    |
| 20...      | --                                                                 | --                                                                           | --                                                                   | --                                                                   | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 20...      | --                                                                 | 53.8                                                                         | .025                                                                 | .065                                                                 | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 20...      | --                                                                 | 49.0                                                                         | --                                                                   | --                                                                   | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 20...      | --                                                                 | 1,200                                                                        | <.010                                                                | E.010                                                                | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| <b>Aug</b> |                                                                    |                                                                              |                                                                      |                                                                      |                                                                               |                                                                      |                                                        |                                                                      |                                                                    |
| 05...      | --                                                                 | --                                                                           | --                                                                   | --                                                                   | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 05...      | --                                                                 | 48.1                                                                         | .018                                                                 | .042                                                                 | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 05...      | --                                                                 | 59.6                                                                         | --                                                                   | --                                                                   | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |
| 05...      | --                                                                 | 1,320                                                                        | E.008                                                                | .017                                                                 | --                                                                            | --                                                                   | --                                                     | --                                                                   | --                                                                 |