

353127077333705. County number, GR-167; LWQ15M—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 2003 to current year.

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources and the U.S. Environmental Protection Agency as part of the Lizzie research site water-quality monitoring project.

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

| Date | Time | Depth to water level, feet below LSD (72019) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | Dissolved oxygen, percent of saturation (00301) | pH, water, unfltrd field, std units (00400) | Specif. conductance, wat unfiltered 25 degC (00095) | Temperature, air, deg C (00020) | Temperature, water, deg C (00010) | Hardness, water, mg/L as CaCO3 (00900) | Calcium water, fltrd, mg/L (00915) | Magnesium, water, fltrd, mg/L (00925) | Potassium, water, fltrd, mg/L (00935) |
|-----------|------|--|------------------------------------|--------------------------------|---|---|---|---------------------------------|-----------------------------------|--|------------------------------------|---------------------------------------|---------------------------------------|
| FEB 10... | 1430 | 5.11 | 767 | .8 | 8 | 4.8 | 297 | 12.0 | 14.1 | 79 | 19.4 | 7.37 | 5.41 |
| JUN 09... | 1240 | 6.52 | 766 | .4 | 4 | 4.1 | 338 | 30.0 | 18.0 | -- | -- | -- | -- |

| Date | Sodium, water, fltrd, mg/L (00930) | Chloride, water, fltrd, mg/L (00940) | Sulfate water, fltrd, mg/L (00945) | Ammonia water, fltrd, mg/L as N (00608) | Nitrite + nitrate water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Ortho-phosphate, water, fltrd, mg/L as P (00671) | Phosphorus, water, fltrd, mg/L (00666) | Organic carbon, water, fltrd, mg/L (00681) | Iron, water, fltrd, ug/L (01046) |
|-----------|------------------------------------|--------------------------------------|------------------------------------|---|--|---|--|--|--|----------------------------------|
| FEB 10... | 4.80 | 32.9 | 10.9 | E.04 | 18.1 | <.008 | <.006 | E.002 | 1.3 | 7 |
| JUN 09... | -- | -- | -- | E.02 | 24.6 | <.008 | <.006 | E.004 | -- | -- |