



January 2012

Dear Land Owner,

### May we have permission to sample your well water?

We are conducting a study of baseline groundwater quality in the Triassic Basin in parts of Lee and Chatham Counties, North Carolina (see study area map), prior to potential shale gas production. This study is being conducted by the U.S. Geological Survey (USGS) North Carolina Water Science Center and Duke University’s Nicholas School of the Environment in collaboration with North Carolina Cooperative Extension and Lee and Chatham County Health Departments.

Funding for this project comes through the North Carolina Legislature’s Session Law 2011-276 (House Bill 242) which “directs the North Carolina Department of Environment and Natural Resources (NC DENR) to study the issue of oil and gas exploration in the State”, and through USGS Southeast Area funds. Landowners in the Triassic Basin, Deep River Area, who currently have wells on their property, are targeted to participate. There will be no charge to the well owners for these water-quality analyses and no well owner names or addresses will be presented with study results. Well owners will receive a copy of the sampling results.

**If you are interested in participating in the well sampling study, please fill in the information listed below:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone number: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Signature: \_\_\_\_\_ *(denotes permission to sample)*

Are you using your well for (please check): \_\_\_\_ drinking water, \_\_\_\_ irrigation, \_\_\_\_ other use (please list)?

Do you have a copy of your well permit record (\*State GW-1 form or County permit form)? \_\_\_\_\_

*\*If so, please attach a copy of the well record.*

**Thank you for your interest in this study. We will be contacting you should your well be selected for sampling.**

We anticipate sampling to begin in March 2012. Should you have any questions, feel free to contact Melinda Chapman, USGS North Carolina Water Science Center, at (919) 571-4047 or mjchap@usgs.gov.