



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

DATE

Well Owner ID
Well Owner
Address
City, State Zip

NOTE: Parts of this letter that are in green highlight may not be included in every letter.

Subject: Results of Water Supply Well Sampling and Health Risk Evaluation
Property Address

Dear Well Owner:

As part of the groundwater assessment conducted in accordance with N.C. Session Law 2014-122, the North Carolina Department of Environment and Natural Resources (DENR) requested that, at a minimum, all water supply wells within 1,000 feet of each coal ash waste facility's boundary be sampled.

On DATE, Laboratory Name collected groundwater samples from X well(s) on the referenced property. The water samples were collected and analyzed for constituents that may be associated with coal ash. For quality control, staff from DENR's _____ Regional Office also collected samples for laboratory analysis of the same constituents at the state's laboratory in Raleigh.

A complete copy of the laboratory sample results are attached for your review. The table below provides a comparison of the lab results with the groundwater standards. North Carolina's groundwater standards are calculated to protect your groundwater as a source of drinking water. The standards prohibit contamination that would create a threat to human health.

Well	Constituent	Result	15A NCAC 2L .0202 Groundwater Standard

In addition to the constituents for which the state has a groundwater standard, some constituents we tested for have an Interim Maximum Allowable Concentration. This means that studies have estimated their potential impact to human health but that a groundwater standard has not been established. For a discussion of any of these constituents that are in your well, see your Health Risk Evaluation provided by the N.C. Department of Health and Human Services.

It should also be noted that many of the constituents that were tested may be naturally occurring and/or unrelated to coal ash ponds. Work is currently underway to determine their source and extent. If DENR determines that groundwater standards in your well have been exceeded and that a coal ash pond is the source, state law requires that the utility provide you with an alternative water supply.

The N. C. Department of Health and Human Services (DHHS), Division of Public Health, Epidemiology Section, Occupational and Environmental Epidemiology Branch (OEEB) has evaluated the well sample results. DHHS has provided the attached Health Risk Evaluation (HRE) for the sample results from each well(s) sampled at the referenced property.

If your attached HRE includes a recommendation that your water not be used for drinking or cooking, please note that the recommendation was made using a statistical risk threshold of one additional case of cancer in a population of 1 million people who were exposed at that level over a lifetime. For non-cancer health effects, DHHS relied on a daily lifetime exposure limit. **It is also important to recognize that your well water has been determined to meet all the criteria of the federal Safe Drinking Water Act for public drinking water.**

We understand the importance of this matter to you and also the complexity of this letter. We, together with DHHS, are available to discuss the results and meet with you to answer any questions to assure that all of this information is explained clearly and completely.

For questions regarding the attached Health Risk Evaluations, please contact N.C. DHHS at 919-707-5911. For questions about the on-going site assessments, please contact Debra Watts at 919-807-6338, or you can refer to DENR's website at: <http://goo.gl/i1CkAt>.

Sincerely,

Debra J. Watts, Supervisor
Animal Feeding Operations and Groundwater Protection Branch
Division of Water Resources

Attachments: Analytical Results
Health Risk Evaluation(s)

Cc: Ed Sullivan - Duke Energy, Mail Code EC13K, Post Office Box 1006, Charlotte, NC
28201-1006
Regional Supervisor, XRO WQROS
Local Health Department

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