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NORTH CAROLINA
Environmental Quality

November 25, 2020

Dr. Aaron Fleming, Superintendent
Harnett County Schools
1008 South 11th Street
Lillington, North Carolina 27546

Subject: Acknowledgement of Intent to Construct Geothermal Injection Test Wells
Permit No. WI0600227: Harnett County School site - 2 test wells
736 Rollins Road, Fuquay-Varina NC (Harnett County – P.I.N. # 0645-78-2045.000)

Dr. Fleming:

On 18 November 2020 the Division of Water Resources – Water Quality Programs section in the Fayetteville Regional Office received notification of your intent to construct closed-loop water-only geothermal injection test wells (2 well) for the future operation of a ground-source heat pump system for a proposed new school located at 736 Rollins road as referenced above. An individual permit is not required for the construction and operation of this type of geothermal injection well system, as long as the following conditions are met:

1. The injection well system contains only potable water per 15A NCAC 2C .0222;
2. The injection well system is constructed in accordance with well construction standards specified in North Carolina Administrative Code Title 15A Section 2C Subchapter .0213 and;
3. The required notification form and associated maps have been completely and accurately submitted.

Failure to comply with these conditions constitutes a violation of the North Carolina Well Construction Act and North Carolina Administrative Code Title 15A Section 2C Subchapter .0211(u)(2). Additionally, you should contact the Harnett County Health Department as they may have additional requirements for this type of system. Noncompliance with applicable state, county, or municipal rules and regulations may result in the assessment of civil penalties.

Please contact Jim Barber at 910-433-3340 or email at jim.barber@ncdenr.gov if you have any questions or need additional assistance.

Sincerely,

DocuSigned by:

Handwritten signature of Trent Allen in black ink.

Trent Allen, Regional Supervisor

Division of Water Resources – Water Quality Programs

cc: Fayetteville Regional Office – APS
Harnett County School Maintenance

Harnett County Health Department
Earth Comfort, LLC

