



North Carolina Department of Environment and Natural Resources

Division of Water Quality

Beverly Eaves Perdue  
Governor

Charles Wakild, P. E.  
Director

Dee Freeman  
Secretary

January 4<sup>th</sup>, 2012

Lindsay L. Mize, P.E., Executive Director  
South Granville Water and Sewer Authority  
415 Central Avenue  
Suite B  
Butner, NC 27509

Subject: South Granville Water and Sewer Authority  
Residential Flow Reduction Request  
Granville County

Dear Mr. Mize:

On October 7<sup>th</sup>, 2011, the Pretreatment, Emergency Response and Collection Systems (PERCS) Unit received a flow reduction request for future residential connections to the South Granville Water and Sewer Authority (SGWASA) sewage collection system. This adjustment would apply to all of SGWASA's permitted but not yet tributary residential connections and all future residential connections tributary to the SGWASA collection system.

Based upon the analysis submitted and a previous study conducted for the City of Creedmoor's collection system, the Division of Water Quality (Division) hereby approves an adjusted daily sewage design flow rate of 88 gallons per day per bedroom effective immediately, to be applied as follows:

- A) For existing permits with flow not yet tributary to the SGWASA collection system:
  - 1) The Division will not reissue permits for previously permitted projects. If reissued permits are desired, a permit modification application with the appropriate fee must be submitted for each permit to be modified.
  
- B) For new sewer extension applications with proposed flows tributary to the SGWASA collection system:
  - 1) The flow reduction is applicable to residential single family dwellings only
  - 2) The minimum flow for 1 and 2 bedroom dwellings shall be 176 gallons per day
  - 3) This flow reduction shall not apply for sewer extension applications and/or permits for any other public or private organizations whose wastewater flows are or might become tributary to the SGWASA collection system.

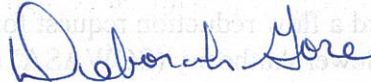
Future sewer extension applications should be made using the reduced flow amounts stated above. All other aspects of the permitting process remain unchanged, and all applications must be in compliance with the statutes, rules, regulations and minimum design criteria as certified by the owner and engineer.

Regardless of the adjusted design daily wastewater flow rate, at no time shall the wastewater flows exceed the effluent limits defined in the NPDES Permit for the treatment facility or exceed the capacity of the sewers downstream of any new sewer extension or service connection(s).

The granting of this flow reduction does not prohibit the Division from reopening, revoking, reissuing and/or modifying the flow reduction as allowed by the laws, rules, and regulations contained in 15A NCAC 02T, NCGS 143-215.1, or as needed to address changes in State and/or Federal regulations with respect to wastewater collection systems, protection of surface waters and/or wastewater treatment.

If you have any questions or comments regarding this matter, please contact Michael Leggett at (919) 807-6312, or email [michael.leggett@ncdenr.gov] or Barry Herzberg at (919) 791-4200), or email [barry.herzberg@ncdenr.gov]

Sincerely,



Deborah Gore  
PERCS Unit Supervisor

cc: Barry Herzberg, Raleigh Regional Office (via email)  
NPDES Unit, Permit File NC026824  
Central Files (WQCS00068)  
PERCS Flow Reduction File