

## RESISTIVITY TESTING

Procedures for Septic System Permitting (Karst regions of Clarke County)  
Effective July 19, 2005

For: All septic permit applications issued after July 19, 2005 – certification letters/construction permits for areas in karst (see attached map)  
Except for emergency repairs/construction permits issued for certification letters approved prior to 7/19/05)

- 1) Apply for Septic Permit with Health Department
- 2) Complete soil work either with approved Soil Scientist or Health Department
- 3) Obtain preliminary approval from Health Department for soils/site
- 4) Contract with consultant qualified to conduct resistivity testing (see attached list), as required by County Ordinance (see attached regulation)
- 5) Have consultant send copy of results to Dan Rom, Piedmont Geotechnical, Inc., 14735 Wrights Lane, Waterford, Virginia 20197-1601 for review, with enclosed form letter.

Note: If work is being completed as part of a subdivision application, have consultant send results to Jesse Russell, Clarke County Zoning Administrator, 102 N. Church St., Berryville, VA 22611; Jesse will send to Mr. Rom.

- 6) Dan Rom will send copy of completed review to Health Department and Contractor.  
Note: A fee for engineering review will be billed separately to the applicant.
- 7) If site is approved, Health Department will issue permit, if review details additional requirements, these must be completed. If site is denied a new site must be located as described starting at step 2.

The following Geotechnical Engineering firms are authorized to conduct resistivity tests in the County. Other firms may be used provided they meet the qualification requirements as outlined in the ordinance.

Forrest Environmental Services  
Andrew Forrest, PG, President  
P.O. Box 2397  
Oak Hill, Virginia 20171  
(703) 648-9090

Triad Engineering, Inc.  
3057 Crosen Court  
Winchester, VA 22604

(540) 667-9300

ECS, LLC  
Joshua Holloman  
166 Windy Hill Lane  
Winchester, VA 22602  
(540) 667-3750

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