



GeoEnvironmental Services, Inc.

May 15, 2017

To: Cabell Metts

Re: Evaluation for On-Site Sewage Disposal
Yatesdale Dr, 1.94 ac
Chesterfield County, Virginia

Cabell:

On May 9, 2017 GeoEnvironmental Services, Inc. (GESI) conducted a site and soil investigation to evaluate the potential for placement of an on-site sewage disposal system at the subject property. It was concluded from the field investigation that the documented area appears to be suitable for wastewater treatment employing subsurface soil absorption of septic tank effluent in accordance with regulatory guidance provided by the Virginia Department of Health.

GESI documented site and soil conditions and developed a plan for an on-site sewage disposal system with a design capacity to accommodate up to a three bedroom single-family residential structure. The documented area will require an alternative type sewage disposal system requiring secondary treatment of septic tank effluent with drip dispersal. A series of soil borings were advanced to gather information about the existing soils. The soil boring locations were enumerated B-1 thru B-4 and marked in the field with pink survey flagging. GESI was able to pin down the soil boring locations and the proposed subsurface soil absorption (drainfield) location by triangulation with survey rods found.

The proposed design and wastewater disposal method recommended for the documented area is dependent on available area and the current Virginia Department of Health Regulations. Any application for wastewater treatment and disposal is subject to review and approval by the local health department. The system design and application for an on-site sewage disposal system construction permit may be completed following receipt of a site plan along with a true scale survey plat of the property illustrating the soil boring locations and your authorization to generate formal plans and specifications.

We appreciate the opportunity to have performed this site and soil evaluation. Our invoice for services provided to date is attached and is due upon receipt. I trust this information will allow the advancement of your development plans. Please let us know how you would like to proceed. No further effort towards application for a sewage disposal system construction permit can be made until further site plans and survey can be provided. If you have any questions please feel free to contact me.

Respectfully

GeoEnvironmental Services, Inc.

Larry Giannasi
Virginia Professional Soil Scientist