

Southeastern Soil & Environmental Associates, Inc.

P.O. Box 9321
Fayetteville, NC 28311
Phone/Fax (910) 822-4540
Email mike@southeasternsoil.com

February 5, 2018

Mr. Robb Schiesl
100 Lulworth Ct.
Cary, NC 27519

Re: Soil/site evaluation for subsurface waste disposal, Lot 7, Cedar Rock Subdivision,
Cedar Rock Trail, Harnett County, North Carolina

Dear Mr. Schiesl,

A soil/site evaluation has been conducted on the aforementioned property at your request. The purpose of the investigation was to determine if soils were acceptable for a subsurface waste disposal system to serve a proposed single family residence (up to 4 bedroom home). All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal, 15A NCAC 18A .1900".

Only one soil area was located on the tract containing soils that have provisionally suitable properties exceeding 24 inches. The soil area essentially lies on a linear slope (up to 10%) landscape. Soil borings conducted in most of this area consisted of 10 or more inches of loamy sand underlain by clay extending to 24 or more inches. Soil wetness and/or parent material (greater than 50%) was typically observed greater than 24 inches below the soil surface in the usable soil area. All other soil characteristics were either suitable or provisionally suitable to at least 30 inches.

Based on soil borings and site conditions, the soil area/site would be designated provisionally suitable for a shallow subsurface waste disposal system. In my professional opinion, due to the slope and limited soil depth, a Large Diameter Pipe or Low Pressure Pipe septic system would be required (design needed to make final determination). These types of septic systems are considerably more expensive than conventional septic systems. The soil area contains enough provisionally suitable soil area, as required, to allow for subsurface repairs (may require systems mentioned above and/or pretreatment). A map showing the approximate location of the site accompanies

this report. [Note: No grading, rutting, logging, cutting or other soil disturbance can occur in this soil area prior to obtaining a permit from the Harnett County Health Department. Any site disturbance without a permit can alter the findings of this report.]

A design for this system type will be required by the county health department prior to agency action (by SSEA; at separate expense to client).

This report, of course, does not guarantee, constitute or imply that a permit will be issued by the Harnett County Health Department. Because professional differences of opinion sometimes occur, we recommend obtaining a permit from the Harnett County Health Department prior to making and completing any financial commitments for your intended use. This is the only "guarantee" of a site's suitability.

This report only represents my professional opinion as a licensed soil scientist. Permits will only be granted if health department personnel concur with the findings of this report.

Sincerely,



Mike Eaker
NC Licensed Soil Scientist



Harnett GIS

NOT FOR LEGAL USE



GIS/E-911 Addressing

February 5, 2018

- Recycle Center
- Landfills
- Surrounding County Boundaries
- Federal Property

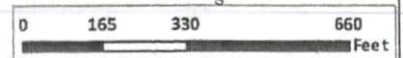
- City Limits
- Address Numbers
- Airport
- Major Roads**
- Interstate

- NC
- US
- Roads
- Mile_Markers
- Railroad

Parcels **SOIL SUITABILITY**

= Provisionally Suitable Soil

= Unsuitable Soil



1 inch = 376 feet