

Adams Soil Consulting
1676 Mitchell Road
Angier, NC 27501
919-414-6761

May 5, 2021
Project #1168

Ronnie Tart
2721 Langdon Road
Angier, NC 27501

RE: Preliminary Soil/Site evaluation for lot #1 adjacent to 2721 Langdon Road in Harnett County for Elaine Maynard.

Mr. Walker,

Adams Soil Consulting (ASC) conducted a preliminary soil evaluation on the above referenced parcel to determine the areas of soils which are suitable for subsurface wastewater disposal systems (conventional & LPP). The soil/site evaluation was performed using hand auger borings during moist soil conditions based on the criteria found in the State Subsurface Rules, 15ANCAC 18A .1900 "Laws and Rules for Sewage Treatment and Disposal Systems". The suitable soil boundary was sketched onto a preliminary plat supplied by J. Scott Walker, PLS.

At the time of the evaluation the lot was vacant in an agricultural (pasture) field. The lot contained soils similar to the Dothan soil series and was found to be provisionally suitable throughout the lot. The lot was found to contain greater than 30,000 ft² of provisionally suitable soils. The suitable soils shown on the accompanying soil map are suitable for a conventional, modified conventional, or ultra-shallow conventional type initial and repair septic system. The soils that consisted of a sandy clay loam or clay subsoil that can support a daily loading rate of 0.3-0.4 gallons/day/ft². The lot should accommodate a home foot print of at least 60' x 60'.

The residual parcel is greater than 10 acres and was not evaluated as part of this soil investigation.

The lot will require a detailed soils evaluation by the Harnett County Health Department prior to issuance of any permits related to the septic system. A septic system design may be required before a permit can be issued on the above referenced lot demonstrating available space for the initial and repair septic areas. Due to the subjective nature of the permitting process and the variability of naturally occurring soils, Adams Soil Consulting cannot guarantee that areas delineated as suitable for on-site wastewater disposal systems will be permitted by the governing agency. The lot may require a septic system utilizing pumps, shallow or ultra-shallow conventional trench placement, low pressure pipe system, and/or reductions system for final approval. The accompanying soil map is preliminary in nature, no further assumptions or subdivision should be made without a more detailed evaluation.

If you have any questions regarding the findings on the attached map or in this report, please feel free to contact me anytime. Thank you allowing me to perform this site evaluation for you.

Sincerely,



Alex Adams
NC Licensed Soil Scientist #1247

