

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

November 10, 2021
Project #1299

Connie Cox/Hessian
1080 Old Stage Road S.
Erwin, NC 28339

RE: Preliminary soil/site evaluation for 1080 Old Stage Road in Harnett County.

Ms. Hessian,

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 Stancil and Associates, Professional Land Surveyor.

The original investigation purpose was to determine an area for a new (second) homesite to be located on 1080 Old Stage Rd. S. Based on my findings, I was not able to identify an adequate area for a new primary and repair field for a new home. Both properties located at 1070 and 1080 Old Stage Road S are in the same ownership. It was determined that an easement area may be possible on 1070 Old Stage Rd S to accommodate the proposed new home on 1080 Old Stage Rd. The existing septic system was located on 1070 Old Stage Road a future repair field was also identified and designated. The easement area has potentially adequate provisionally suitable soil to accommodate a new 3-bedroom home site and repair area. Please find the attached proposed site plan showing the existing septic system and repair area for 1070 Old Stage as well as the new system proposal for 1080 Old Stage Road.

Both lots would require an evaluation by the Harnett County Health Department prior to issuance of any permits related to any existing or future septic system. A more detailed septic system design may be required before a permit can be issued on the above referenced lot demonstrating available space for any septic system. 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, pre-treatment, and/or reductions systems 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

