

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

---

October 31, 2018  
Project #682

Streamline Land Surveying, Inc.  
Attention: Robert Godwin  
870 NC 55 W  
Coats, NC 27521

**Harnett County Minor Subdivision Report**

RE: Soil/Site evaluation for lots #1A & #1B of the minor subdivision for Rayford McLamb and Tanya Stanley located adjacent to adjacent to 2665 Ashe Avenue in Harnett County, NC

Mr. Godwin:

Adams Soil Consulting (ASC) completed a soils evaluation per your request for the above referenced minor subdivision in Harnett County. The soil/site evaluation was performed using hand auger borings, under 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".

Both of the proposed lots had single family homes located within the lot boundaries at the time of evaluation. Both homes were serviced by gravity septic systems that are located within the proposed property lines as shown on the attached site sketch. The soils on lot#1A and 1B contain sufficient suitable soils for conventional type repair septic systems for at least one 3-bedroom home each should a repair for either be required in the future. Lot #1A and 1B contain greater than 8,000 ft<sup>2</sup> of suitable soils that consist of sandy loam, sandy clay loam subsoils that can support a daily loading rate of 0.3-0.0.4 gallons/day/ft<sup>2</sup>.

The specific septic repair systems will be permitted by the Harnett County Health Department. Additionally, the Harnett County Health Department will establish the loading rates for any proposed system. The areas for the proposed septic fields shall not be impacted by home sites, pools, garages and shall not be mechanically altered from the natural lay of the land.

The lots will require a detailed soils evaluation by the Harnett County Health Department prior to issuance of any permits for a septic system. A septic system layout may be required before a permit can be issued on the above referenced lot demonstrating available space for the 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 lots may require a repair 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.

Please give me a call if you have any questions.

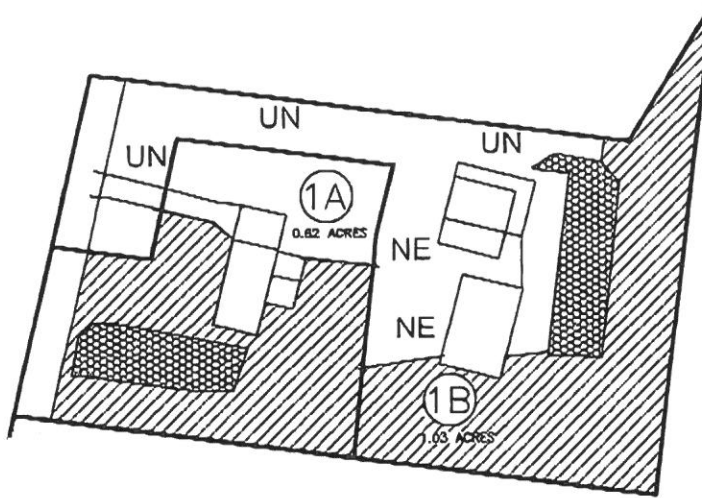
Sincerely,





Alex Adams  
NC Licensed Soil Scientist #1247



Rayford McLeod and Tanya Stanley  
 Lot #1A and 1B - 2665 Ashe Avenue  
 Harnett County, NC



Legend

	Areas contain soils with 30 inches or more of useable material and have potential for conventional, modified conventional, LPP or ultra-shallow conventional septic systems. There may be inclusion of soils 24-29 inches to a restrictive horizon that will have potential for LPP septic systems.
	Approximate location of existing gravity septic system
NE	Areas not evaluated
UN	Unsuitable areas.



- \*Preliminary Soils Evaluation
- \*Soil boundary was sketched onto a preliminary map of the property supplied by the client's surveyor.
- \*Not a Survey.
- \*Septic system setbacks listed below for new lots.
  - 1) 10' from property lines.
  - 2) 100' from wells for primary systems.
  - 3) 50' from surface waters (streams, ponds, lakes).
- \*Any mechanical disturbances such as grading, cutting and filling of the suitable soil areas can render areas unsuitable for future septic systems.
- \*See accompanying report for additional information.
- \*Due to Soil Variability, Adams soil consulting cannot guarantee that the areas shown as suitable will be permitted by the local Health Department.

GRAPHIC SCALE

1" = 100'



Adams  
 Soil Consulting  
 919-414-6761  
 Project #682