

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

P.O. Box 400, Lillington, NC 27546-0400

Phone (910) 893-8743 / Fax (910) 893-3594

www.halowensoil.com

12 January 2022

Alicia Loudenslager
2963 Spring Hill Church Road
Lillington, NC 27546

Reference: Preliminary Soil Investigation
Spring Hill Church Road; PIN 0519-54-9427.000

Dear Ms. Loudenslager,

A site investigation has been conducted for the above referenced property, located on the western side of Spring Hill Church Road in Harnett County, North Carolina. The purpose of this investigation was to determine the site's ability to support subsurface sewage waste disposal systems. All sewage disposal ratings and determinations were made in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900". This report represents my professional opinion as a Licensed Soil Scientist but does not guarantee or represent permit approval for any lot by the local Health Department. An improvement permit for all residences will need to be obtained from the Health Department that specifies the proposed home size and location, and the design and location of the septic system to be installed.

This property was observed to be underlain by a mixture of soils that range from provisionally suitable to unsuitable for subsurface sewage waste disposal (see attached map). The soils shown as provisionally suitable will adequately function as sewage waste disposal sites but will require additional drainline due to clayey textured subsoil characteristics. You should expect that 100 to 133 feet of conventional drainline would be required for the initial system per bedroom in the home for the area in the front of the property. The area in the northwest has somewhat higher quality soils which you should expect 80 to 100 feet of conventional drainline for the initial system per bedroom in the home. The useable soils on this property appear adequate to support the subsurface sewage waste disposal needs of at least one residence.

The unsuitable soil area is so rated due to inadequate soil depth to excessive soil wetness conditions and/or unsuitable landscape position. The ability to utilize alternative systems or make modifications to this area to allow for septic systems is minimal. It appears that most of this area is also potential wetlands. If you wish to use the provisionally suitable area with the higher quality soils, you may need to get a wetland permit.

I appreciate the opportunity to provide this service and trust that you will feel free to call on me again in the future. If you have any questions or need additional information, please contact me at your convenience.





Sincerely,

Hal Owen
Licensed Soil Scientist


Preliminary Soil Investigation
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Soil Map

Soil Map Legend

	Provisionally Suitable Soils
	Unsuitable Soils

Scale 1 in = 100 ft



*Distances are paced
and approximate*

