

# HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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14 December 2020

Ms. Shelia Beck

Reference: Preliminary Soil Investigation

Lot 117 Highland Hills Subdivision Section 2; PIN 9596-89-9695

Dear Ms. Beck,

A site investigation has been conducted for the above referenced property, located on the northern side of Kathleen Road (SR 2114) in the Barbecue Township of 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 suitable to unsuitable for subsurface sewage waste disposal (see attached map). The soils shown as suitable on the attached map are excellent for residential purposes. You should expect that 50 to 80 feet of conventional or accepted status drainline (EZFlow or chamber) would be required for the initial system per bedroom in the home. It appears that the soils on this lot are adequate to support a conventional or accepted status septic system and repair area for a four bedroom residence.

The unsuitable soil area is so rated due to inadequate soil depth to excessive soil wetness conditions. The ability to utilize alternative systems or make modifications to this area to allow for septic systems is minimal.

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

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Soil Map



*Soil Map Legend*

	Suitable Soils
	Unsuitable Soils

Scale 1 in = 100 ft



*Distances are paced and approximate*

