

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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21 March 2018

Mr. ██████████

Reference: Preliminary Soil Investigation

Ennis Property (8 acres); NC PIN 1509-32-4852

Dear Mr. Sexton,

A site investigation has been conducted for the above referenced property, located on the northern side of Turlington Road (SR 1723) in the Grove 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.

A portion of this property was observed to be underlain by soils that are rated as provisionally suitable soils for subsurface sewage waste disposal (see attached map). These provisionally suitable soils were observed to be firm sandy clay loams to greater than 24 inches and will support long term acceptance rates of 0.4 gal/day/sqft. It appears that the soils on this lot are adequate to support a conventional septic system and repair area for a four bedroom residence.

The remainder of the property is underlain by soils rated as unsuitable due to expansive clay subsoils and excessive soil wetness conditions. The ability to utilize alternative systems or make modifications to this area to allow for septic systems is minimal.

It is my understanding that you do not wish to purchase the entire tract at this time but county planning regulations will not allow the creation of a lot that will not support a septic system. Unless you can come up with a creative way to divide the usable soil area in to two pieces and thereby support two residences, it appears that the best way to deal with this situation would be to combine the portion of the tract that you do not want to buy with the adjacent tract of land (same owner) so there is no new lot created.

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,

A handwritten signature in cursive script that reads "Hal Owen".



Hal Owen
Licensed Soil Scientist

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Soil Map



Soil Map Legend

	Provisionally Suitable Soils
	Unsuitable Soils

Scale 1 in = 200 ft



Distances are paced and approximate

