

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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11 August 2021

Mr. Jeremy Randall

Reference: Preliminary Soil Investigation

Lots on Market Street, Fuquay-Varina, NC

Captains Landing Subdivision Lot 42M Blk7, PIN 0613-63-3894;

Lot 41M Blk7, PIN 0613-63-5975; Lot 40M Blk7, PIN 0613-63-6866;

Lot 39M Blk7, PIN 0613-63-6794; Lot 38M Blk7, PIN 0613-63-6651

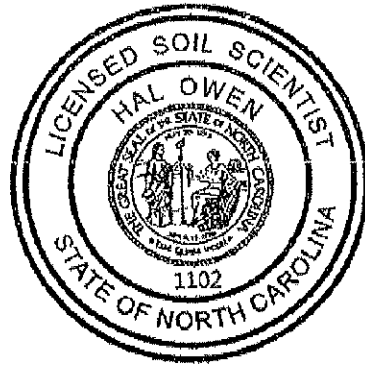
Dear Mr. Randall,

A site investigation has been conducted for the above referenced properties, located at the eastern termination of Market Street in the Buckhorn 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 site is composed of 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. Due to clayey textured subsoils characteristics, you should expect that about 100 feet of conventional drainline would be required for each bedroom in a proposed home. It appears that these five lots, when combined together as one lot, contain adequate amounts of usable soils to support the septic disposal needs of a four bedroom home. It may be possible to site two residences on these lots if desired. The more southern lot appears adequate to stand alone and the other four form one lot. Other combinations likely exist.

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.

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

