

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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15 October 2019

Wayne Mauldin
P.O. Box 444
Fuquay Varina, NC 27526

Reference: Preliminary Soil Investigation
Minor Subdivision for Eric Patterson & Beverly Patterson

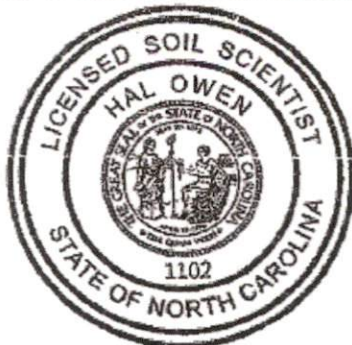
Dear Mr. Mauldin,

A soil investigation has been conducted at the above referenced properties, located on the eastern side of Purfoy Road (SR 1446), Hector's Creek Township, Harnett County, North Carolina. The purpose of the investigation was to determine the ability of each lot to support a subsurface sewage waste disposal system and repair area for a typical three-bedroom home. All soil ratings and determinations were made in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900". It is our understanding that individual septic systems and public water supplies will be utilized at this site.

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). These provisionally suitable soils were observed to be firm silty clays and silty clay loams to greater than 20 inches and appear adequate to support long term acceptance rates of 0.2 to 0.35 gal/day/sqft. It appears that the soils on each lot are adequate to support a conventional septic system and repair area for one residence. Pumps could be required depending on the house location.

Lot 1 has an existing residence with an existing septic system. Both the home and the existing septic system are believed to be significantly aged. It is our understanding that the home is to be removed and the existing septic system abandoned. A soil investigation was conducted and it appears that an adequate amount of provisionally suitable soil exists on this lot to install a new initial system and 100 % repair area.

This soil investigation report and map, when provided to the Harnett County Health Department, should allow them to sign the maps for recordation. I appreciate the opportunity to provide this service and hope to be allowed to assist you again in the future. If you have any questions or need additional information, please contact me at your convenience.



Sincerely,

A handwritten signature in black ink that reads "Hal Owen".

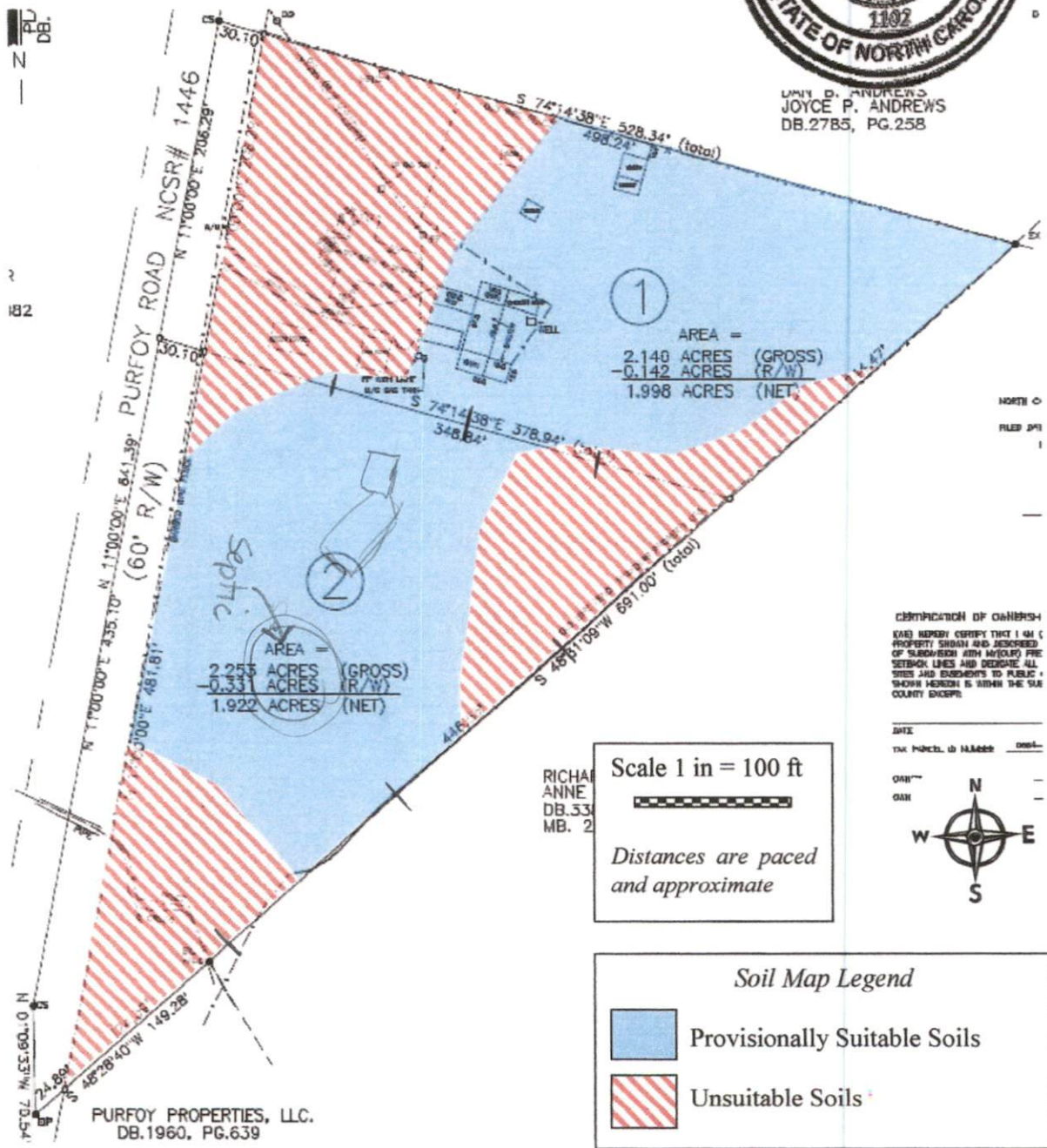
Hal Owen
Licensed Soil Scientist

Preliminary Soil Investigation
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Soil Map



UNIT D. ANDREWS
JOYCE P. ANDREWS
DB.2785, PG.258



47
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81