

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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27 February 2024

Anthony Tapia Cortez

Reference: Preliminary Soil Investigation

TR#1 MCKOY PROPERTY MAP#2008-229; PIN 9586-31-1929

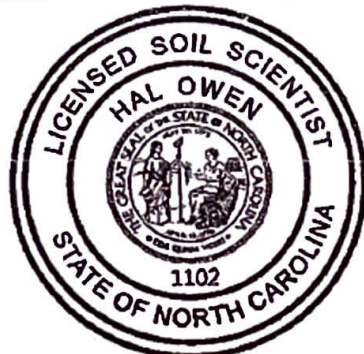
Dear Mr. Tapia Cortez,

A site investigation was conducted for the above referenced property, located on the eastern side of Twin Ponds Road (SR 1179) 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 the Rules for "Wastewater Treatment and Dispersal Systems", 15A NCAC 18E. 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 application for an approved wastewater system shall be made to the Local Health Department that specifies the proposed building size and location and the design and location of the septic system to be installed.

The soils were evaluated under moist soil conditions through the advancing of auger borings. This evaluation included observations of topography and landscape position, soil morphology (texture, structure, clay mineralogy, organics), soil wetness, soil depth, and restrictive horizons. Soils units shown on the attached map represent dominant soil types with similar profiles but may include minor components of contrasting soil types.

This lot is dominated by soils rated as suitable for subsurface sewage waste disposal (see attached map). These suitable soils were observed to have loamy sand subsoils that extended to greater than 48 inches below surface and appear adequate to support long term acceptance rates of 0.8 to 1.0 gal/day/ft². It appears that the soils on this lot are adequate to support a conventional septic system and repair area for a seven-bedroom residence.

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

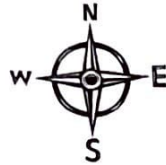
Preliminary Soil Investigation
TR#1 MCKOY PROPERTY MAP#2008-229; PIN 9586-31-1929
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SOIL MAP




Soil Map Legend

	Suitable Soils
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Scale 1 in = 100 ft



*Map for reference only.
Distances are paced and approximate.*

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