

Southeastern Soil & Environmental Associates, Inc.

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July 28, 2023

Mr. Richard Lee
1556 White Admiral St.
Fuquay-Varina, NC 27526

Re: Soil/site evaluation for subsurface waste disposal, 9006 Christian Light Rd., +/- 1-acre lot, PIN 0645-47-5835.000, Harnett County, North Carolina

Dear Mr. Lee,

A soil/site evaluation has been conducted on the aforementioned property at your request. The purpose of the investigation was to determine if soils were acceptable for a subsurface waste disposal system to serve a proposed single-family residence (50' x 50' foundation box; 3-bedroom home). All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal, 15A NCAC 18A .1900".

One soil area was located on the tract containing soils that have provisionally suitable properties exceeding 36 inches. The site essentially lies on a linear slope (3 - 8%) landscape. Soil borings conducted in most of this area consisted of 20 or more inches of loamy sand underlain by sandy clay loam and/or sandy loam extending to 40 or more inches. Soil wetness and/or parent material (greater than 50%) was typically observed greater than 36 inches below the soil surface. All other soil characteristics were either suitable or provisionally suitable to at least 48 inches.

Based on soil borings and site conditions, the site is classified provisionally suitable for a shallow subsurface waste disposal system (could require the use of a pump, fill, innovative drainline, French Drains, etc.). The site (usable soil area) contains enough provisionally suitable area, as required, to allow for subsurface repairs (may require systems mentioned above). A map showing the approximate location of the site accompanies this report. [Note: No grading, logging, rutting or other soil disturbance can occur in this area prior to obtaining a permit from the Harnett County Health Department. Any site disturbance without a permit can alter the findings of this report and render the area unsuitable.]

This report only represents my professional opinion as a Licensed Soil Scientist. The findings of the testing discussed in this report do not guarantee or warrant a septic system will function for any specific length of time (if permitted by the Harnett County Health Department).

Sincerely,



Mike Eaker
NC Licensed Soil Scientist #1030

