

Southeastern Soil & Environmental Associates, Inc.

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August 5, 2025

Ms. Kay Walker
Future Ground Ventures
6201 Fairview Road
Charlotte, NC 28210-3297

Re: Soil/site evaluation for subsurface waste disposal, 3.6 acre tract, Nuffield Road, PIN 0456418515000, Fayetteville, Cumberland County, North Carolina

Dear Ms. Walker,

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 (**up to 3 bedrooms**). All ratings and determinations were made in accordance with Onsite Wastewater Rules, 15A NCAC 18E.

Two small soil areas that can support 1 home (see attached map) were located on the tract containing soils that have suitable properties exceeding 20 inches. Each soil site (one initial systems site and 1 repair area site) essentially lies on a linear slope landscape (1 - 3%). Soil borings conducted in these areas consisted of 6 or more inches of loamy sand underlain by sandy loam, sandy clay loam and/or sandy clay to 48 or more inches below the soil surface. Soil wetness and/or parent material (greater than 50%) was typically observed greater than 20 inches below the soil surface. All other soil characteristics were suitable to at least 36 inches.

Based on soil borings and site conditions, the suitable soils on this site would be designated suitable for a subsurface waste disposal system (may require the use of a pump, innovative drainline, Low Profile Chamber, Porous Panel Block, French Drains, etc.). There appears to be enough suitable soil area to allow for subsurface repairs (may include the use of systems mentioned above). A map showing the approximate location of the site accompanies this report. **[Note: No grading, rutting or other soil disturbance can occur in these areas prior to obtaining a permit from the Cumberland County Health Department. Any grading without a permit can alter the findings of this report.]**

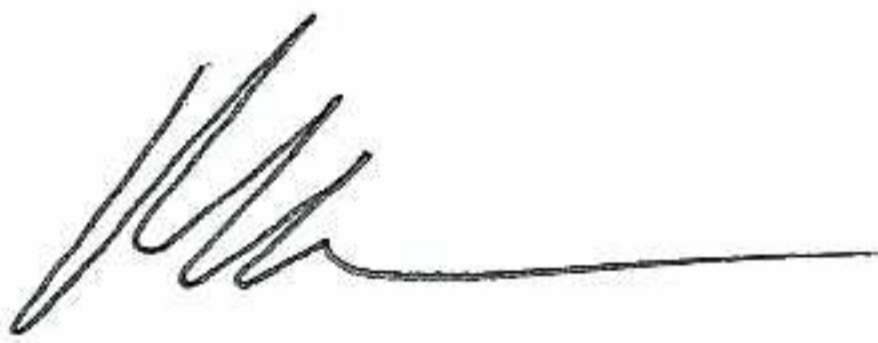
A design for a subsurface waste disposal system may be required by the county health department prior to agency action (by SSEA; at separate expense to client).

This report, of course, does not guarantee, constitute or imply that a permit will be issued by the Cumberland County Health Department. Because professional differences of opinion sometimes occur, we recommend obtaining a permit from the Cumberland County Health Department prior to making any financial commitments for your intended use.

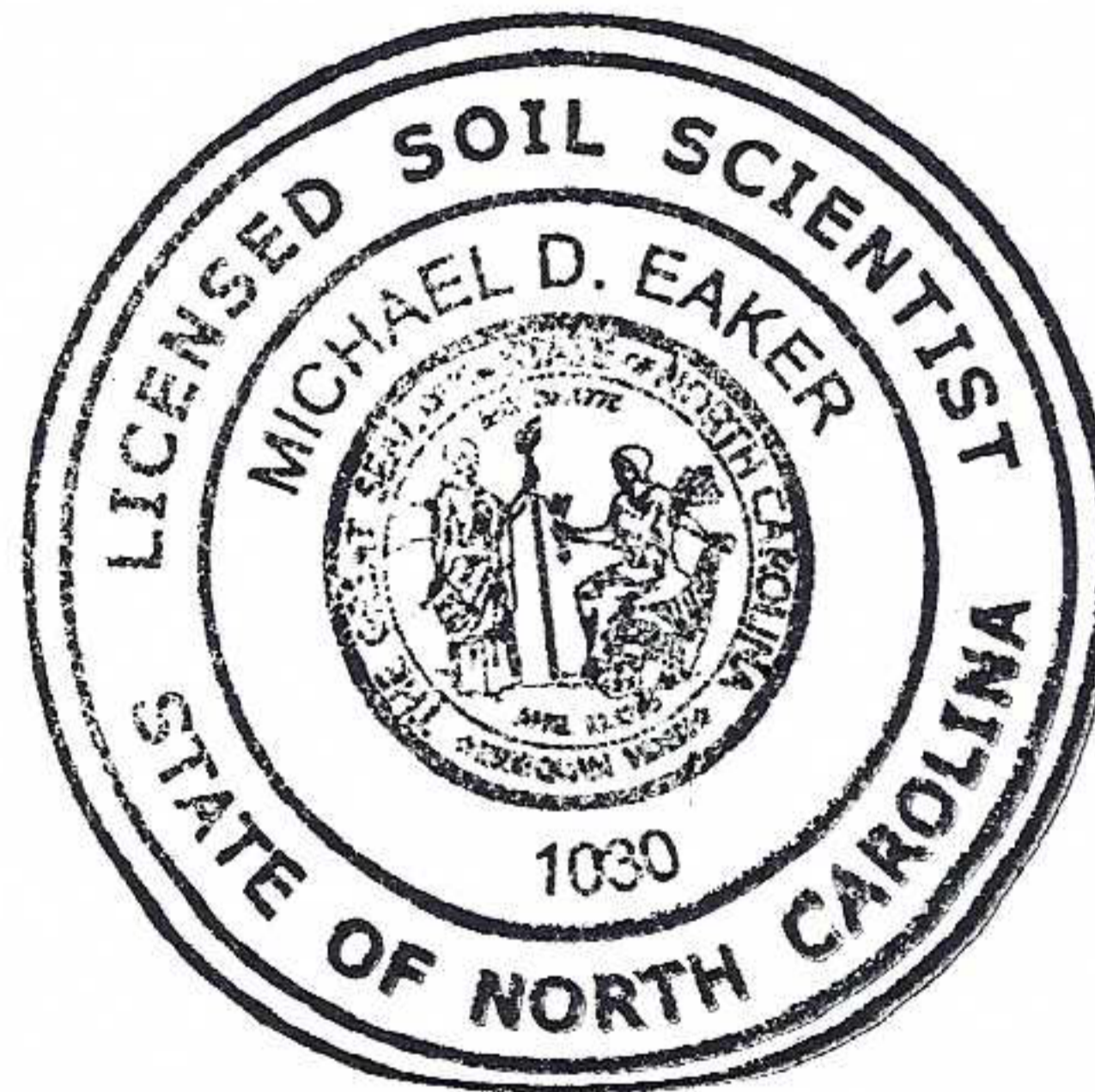
A septic permit can also be obtained under GS 130A-336.2 using an Authorized Onsite Wastewater Evaluator (AOWE). If you choose this option, we will be glad to assist you.

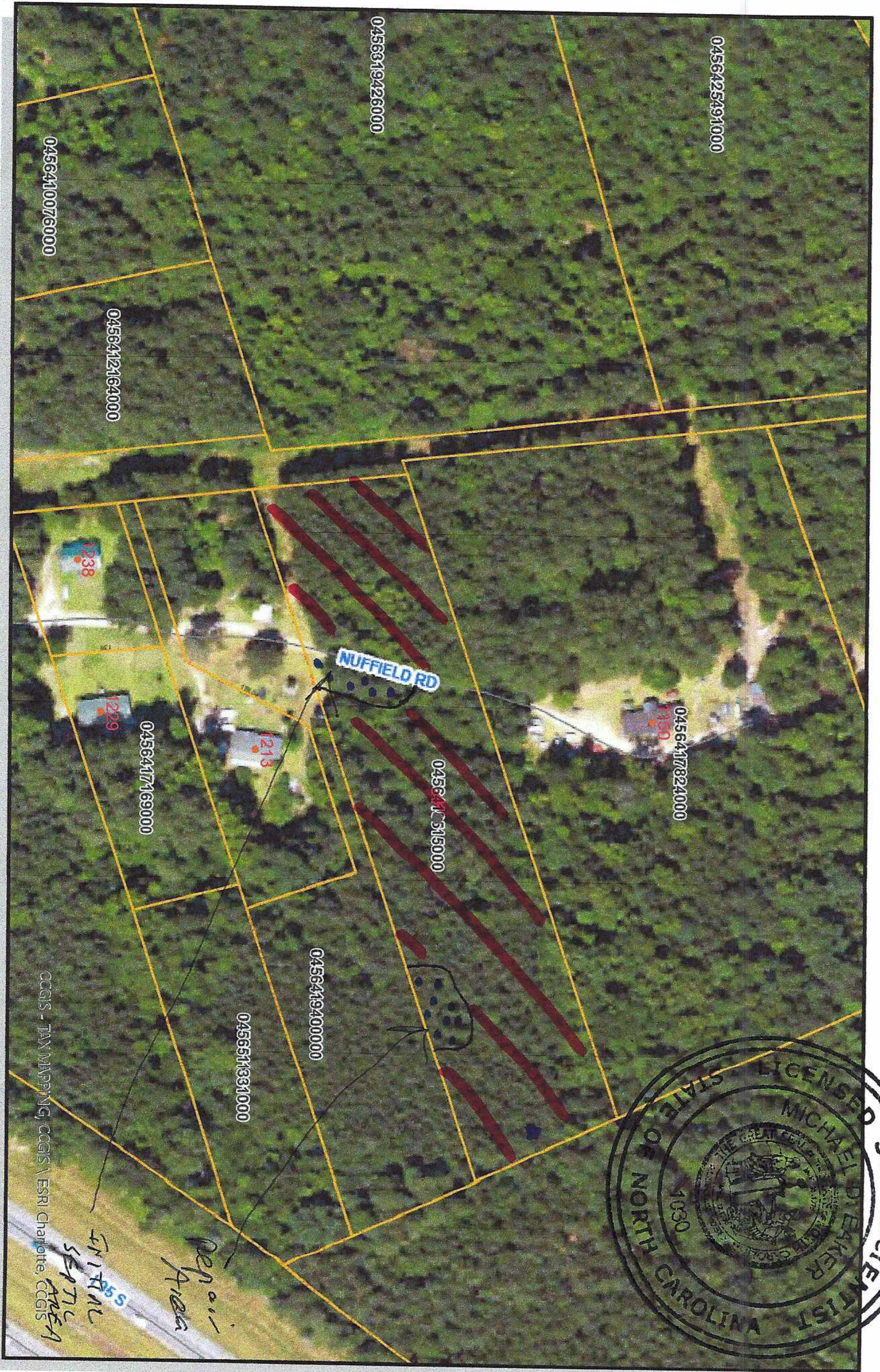
This report only represents my professional opinion as a Licensed Soil Scientist. I trust this report provides the information requested.

Sincerely,



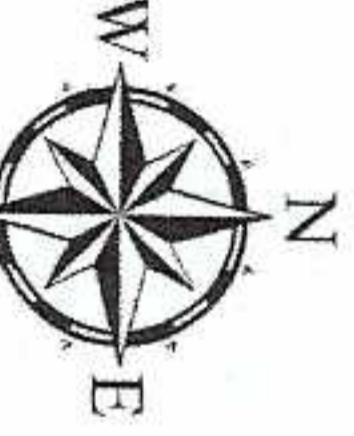
Mike Eaker
NC Licensed Soil Scientist #1030
NC AOWE # 10013E





CCGIS - TAX MAPPING, CCGIS \ ESRI Charlotte, CCGIS

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- Traffic Signals
- Addresses
- Parcels
- Parcel Lines
- Lot Line
- City Limits
- Falcon
- Fayetteville
- Godwin
- Hope Mills
- Linden
- Spring Lake
- Stedman
- Wade
- Streets
- Lakes, Ponds

= Approximate Suitable Soil for Septic
 = UNSUITABLE SOIL FOR SEPTIC

BOTH NEEDED FOR 10330
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