

# HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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6 July 2021

Stacey Walker  
2802 Walker Road  
Linden, NC 28356

Reference: Preliminary Soil Investigation  
Minor Subdivision for Stacey Walker

Dear Ms. Walker,

A soil investigation has been conducted at the above referenced property, located on the southeast side of Walker Road (SR 2039) in the Stewarts Creek Township of 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. It is our understanding that individual septic systems and public water supplies will be utilized at this site. All soil 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.

A portion of each lot was observed to be underlain by provisionally suitable soils for subsurface sewage waste disposal. These provisionally suitable soils were observed to be firm sandy clay loams and clays to greater than 20 inches and appear adequate to support long term acceptance rates of 0.3 to 0.35 gal/day/sqft. The soils indicated as provisionally suitable for drip systems are limited in usable soil depth to the extent that subsurface drip dispersal systems will be required. These type systems are significantly more expensive and are intended only for use as repair areas. It appears that the soils on each lot are adequate to support a conventional, including 25% reduction drainlines, initial septic system and drip repair area for one residence.

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,

Hal Owen  
Licensed Soil Scientist