

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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24 May 2022

Maureen Fisher

Reference: Preliminary Soil Investigation
Yellow Jacket Trail; PIN 9546-76-2037.000

Dear Ms. Fisher,

A site investigation has been conducted for the above referenced property, located on the eastern side of Yellow Jacket Trail in 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 "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 this property was observed to be underlain by soils that rate as suitable and provisionally suitable for subsurface sewage waste disposal (see attached map). The soils shown as suitable and provisionally suitable will adequately function as sewage waste disposal sites and relatively small drainfields can be expected.

Included within the suitable and provisionally suitable soil area on the steeper slopes to the north, are areas in which low profile chamber systems can be utilized. The soils here are limited in useable depth but appear adequate to support ultra-shallow low profile chamber systems. Ultra-shallow drainline placement requires the addition of approximately 6 inches of topsoil to completely cover the system. This area appears small and will likely not be needed for you waste disposal needs.

It appears that the soils on this property are adequate to support the subsurface sewage waste disposal needs of at least two residences. 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.




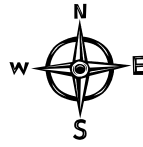
Sincerely,

Hal Owen
Licensed Soil Scientist


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Soil Map

Scale 1 in = 200 ft

Distances are paced
and approximate



Soil Map Legend

 Suitable and Provisionally Suitable Soils

