

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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01 May 2025

Alan & Gina Cox

Reference: Comprehensive Soil Investigation
Minor Subdivision for Alan Cox, Gina Cox
PIN 9568-24-7877

Dear Cox Family,

A soil investigation has been conducted at the above referenced property, located on the southern side of Olivia Road (SR 1025) in the Johnsonville Township of Harnett County, North Carolina. The purpose of the investigation was to determine the ability of each lot to support a subsurface wastewater dispersal system and repair area for a typical three-bedroom residence. It is our understanding that individual wastewater systems and public water supplies will be utilized at this site.

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.

A portion of Lot 1 was observed to be underlain by soils that are suitable for modified subsurface wastewater dispersal systems. These soils were observed to range from friable sandy clay loams to firm sandy clays to greater than 36 inches and appear adequate to support long term acceptance rates of 0.3 to 0.4 gal/day/sqft. Soil wetness conditions were observed at 28 inches below the soil surface or deeper. A portion of Lot 1 was also observed to be suitable for low profile chamber subsurface wastewater dispersal systems. These soils were observed to range from friable to firm sandy clay loams to greater than 30 inches and appear adequate to support long term acceptance rates of 0.3 to 0.4 gal/day/sqft. Soil wetness conditions were observed at 22 inches or deeper. It appears that the soils underlying this lot are adequate to support a conventional septic system and repair area for at least one residence.

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The remainder tract has an existing residence with an existing septic system that appeared to be functioning properly on the day of the investigation. This existing wastewater system appeared to be located within any setback requirements for this property. This tract is over 10 acres and further investigation was not conducted.

This soil investigation report and map, when provided to the LHD, 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,

A handwritten signature in cursive script that reads "Britt Wilson".

Britt Wilson
Licensed Soil Scientist