

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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15 June 2020

Mrs. Carla Trepper
9016 Barker Rd.
New Hill, NC 27562

Reference: Preliminary Soil Investigation
Duncan Industrial Park Lot 11

Dear Mrs. Trepper,

A site investigation was conducted for the above referenced property, which is located on the southern side of Progress Drive 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 businesses will need to be obtained from the 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 the property was observed to be underlain by soils rated as suitable and provisionally suitable soils for subsurface sewage waste disposal (see attached map). These soils were observed to be friable loamy sands and sandy loams to friable sandy clay loams that extended to greater than 36 inches. These soils will support long term acceptance rates of 0.5 to 0.8 gal/day/sqft. It appears that the soils are adequate to support a conventional septic system and repair area for a business with as many as 20 employees. A pump will likely be required to deliver the sewage effluent from the proposed building to the drainfield.

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.



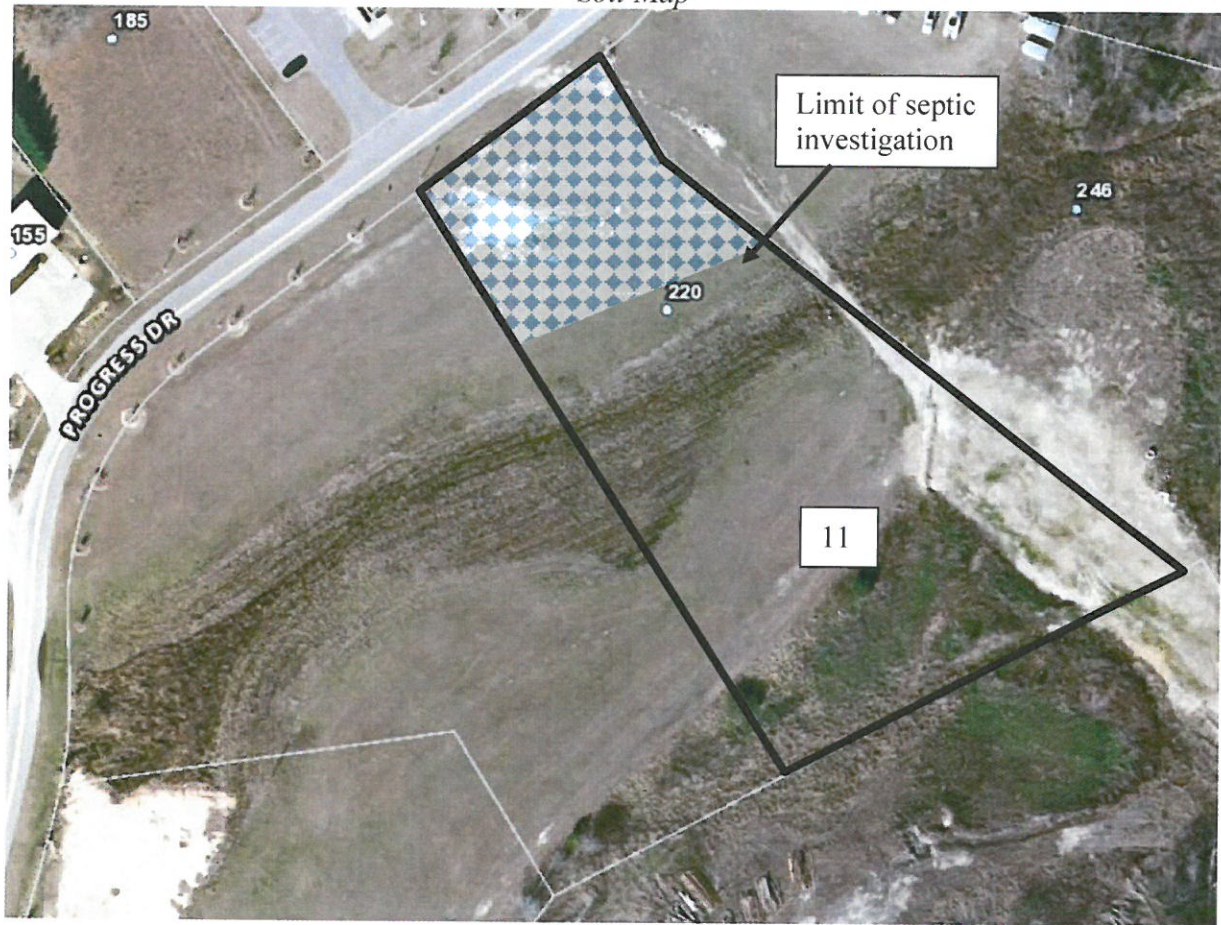
Sincerely,

A handwritten signature in black ink that reads "Hal Owen".

Hal Owen
Licensed Soil Scientist

Preliminary Soil Investigation
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Soil Map



Soil Map Legend



Suitable and Provisionally Suitable Soils

Scale 1 in = 120 ft



*Distances are paced
and approximate*

