# **Harnett County Department of Public Health**

### Well Abandonment Permit Application

### APPLICANT INFORMATION

Applicant/Owner  Applicant/Owner  1205 Harrey Johnson Pd, Raleigh WC Street Address, City, State, Zip Code  27603
PROPERTY INFORMATION
Street Address 1032 OLD US HWY Subdivision/Lot # NO  Parcel # 100549 0313 PIN # 0549-78-0691.000
Directions to the Site
Smain of the right on Hwy 421, left on Summerville Money about straight about 2 miles into Old us Hwy 421 address to will be on right hand  Brief description of the well location (ex. front yard, behind out building, front yard, etc.)  *Please include a Site Plan of your property showing the location of the well. If the well is underground, it must be uncovered prior to the department's site visit.
Please Complete the Following Information:
Date Well Was Constructed \( \bigcup_{\text{Lyou}} \bigcup_{\text{Nouthout}} \bigcup_{\text{Nouthout}} \bigcup_{\text{County}}
Representatives of the Harnett County Health Department and State Officials are granted right of entry to conduct necessary inspections to determine compliance with applicable rules.
I understand that I am solely responsible for the proper identification and labeling of all property lines, underground utility lines, and making the site accessible so that a will can be properly constructed according to the permit.  Ol-03-2025
Property Owner's of Owner's Legal Representative Signature Required Date

If you have any questions please contact Environmental Health Division at 910-893-7547

## HAL OWEN & ASSOCIATES, INC.

#### SOIL & ENVIRONMENTAL SCIENTISTS

P.O. Box 400, Lillington, NC 27546-0400 Phone (910) 893-8743 / Fax (910) 893-3594

www.halowensoil.com

8 December 2023

Jamie Campbell 321 Griffin Road Lillington, NC 27546

Reference: Preliminary Soil Investigation 1032 Old US 421; PIN 0549-78-0691

Dear Mrs. Campbell,

A site investigation has been conducted for the above referenced property, located on the northern side of Old US 421 (SR 1291) 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.

The soils were evaluated under moist soil conditions through the advancing of auger borings. This evaluation included observations of topography and landscape position, soil morphology (texture, structure, clay mineralogy, organics), soil wetness, soil depth, and restrictive horizons. Soils units shown on the attached map represent dominant soil types with similar profiles but may include minor components of contrasting soil types.

Soils in the investigated portions of the site were observed to rate as provisionally suitable for subsurface sewage waste disposal (see attached map). These soils will adequately function as sewage waste disposal sites. Due to clayey textured subsoil characteristics, you should expect that 60 to 75 feet of accepted status drainline would be required for the initial system per bedroom in the residence.

There is an existing three-bedroom residence with an existing septic system on the property. The drainlines of this system were located and flagged with blue pin flags. Any proposed property lines will need to be placed at least 10 feet away from these drainlines (orange pin flags). The system appeared to be functioning properly at the time of the investigation. There appeared to be enough provisionally suitable soil to 100% repair the existing system behind or in front of the existing residence, depending on the placement of any future property lines. There is also an existing well on site that has a 50-foot setback (shown as unsuitable on the map). This setback will be negated once the well has been deemed as properly abandoned.

It appears that the soils on this lot are adequate to support the septic disposal needs of an additional three-bedroom residence, provided that public water supplies are used. 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,

Britt Wilson

Licensed Soil Scientist

West

Preliminary Soil Investigation 1032 Old US 421; PIN 0549-78-0691 8 December 2023

### SOIL MAP

Soil Map Legend



Provisionally Suitable



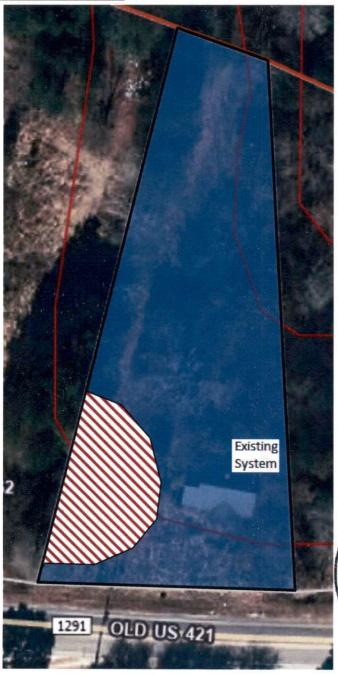
Unsuitable Well Setback



Scale 1 in = 50 ft

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Map for reference only. Distances are paced and approximate. Not a survey.





Soil Science Investigations • Wetland Delineations, Permitting, and Consulting