

[ 4 ] Evaluation  
[ ] Re-evaluation \_\_\_\_\_  
(number)

North Carolina Department of Environment and Natural Resources  
Division of Environmental Health  
**PREOCCUPANCY EVALUATION REPORT  
OF DRINKING WATER SUPPLY AND  
WASTEWATER FACILITIES FOR MIGRANT HOUSING**

On 3-2-22, as required in G.S. 95-225(c) and (d), an evaluation was conducted of the drinking water supply and wastewater system serving a migrant housing site composed of # of 0 Mobile home units, # of 1 House (s) and Other type of housing/describe: \_\_\_\_\_ located at 470 Fox Hunters Ln (address or directions; use reverse if needed)  
Broadway NC 27505 and operated by David Ethridge (name of person[s]/company)  
of 4732 McArthur Rd, Broadway NC 27505 (mailing address)

**\*\*\* PLEASE SUBMIT ONE REPORT FOR EACH SEPTIC SYSTEM \*\*\***

This report describes well/spring 1 and sewage system 1. (Use reverse for a drawing, if needed.)  
(number) (number)

The findings of this evaluation are as follows:

**WATER SUPPLY**

NO Community or non-transient-non-community water system under routine surveillance of Public Water Supply Section, (yes/no) Division of Environmental Health  
Yes Private Water or Non-Community System (yes/no)

At the time of inspection, there WAS NOT visual evidence of non-compliance with the "Protection of Water Supplies" (was/was not)

15A NCAC 18A .1700 (attach copy of bacteriological sample). List deficiencies which were identified:

(Use reverse if necessary)

**WASTEWATER FACILITIES**

System SUBJECT to approval under 15A NCAC 18A .1900, "Laws and Rules for Sewage Treatment and Disposal Systems." Explain, if not subject to approval \_\_\_\_\_

On-Site Septic Tank System [ ] Chemical Portable Toilets [ ] Others \_\_\_\_\_ [ ] Privy(ies) \_\_\_\_\_

At the time of inspection, there WAS NOT visual evidence of non-compliance with 15A NCAC 18A .1900 (including (was/was not) .1962) "Laws and Rules for Sewage Treatment and Disposal System." List deficiencies which were identified:

(Use reverse if necessary)

The wastewater system, to the best of my knowledge and belief, is sized to serve 16 people.

Moh A. AETH Environmental Health Specialist Harnett County Environmental Health Health Department

3-7-2022 Date 307 W. Cornelius Harnett Blvd. Address

Forward copies to: Migrant Housing Operator Department of Labor Agriculture Safety & Health Bureau Lillington, NC 27546 910-893-7547 Office Phone Number



**North Carolina State Laboratory of Public Health**  
*Environmental Sciences*  
**Microbiology**  
**Certificate of Analysis**

4312 District Drive  
 MSC 1918  
 Raleigh, NC 27699-1918

http://sph.ncpublichealth.com  
 Phone: 919-733-7308  
 Fax: 919-715-8611

**FINAL REPORT**

Report to: **M Osborne**

Name of System:

**HARNETT CO ENVIRONMENTAL HEALTH**  
 307 CORNELIUS HARNETT BLVD  
 Lillington, NC 27546

**David Ethridge**  
 470 Fox Hunters Ln.  
 Broadway, NC 27505

EIN: 566000306EH

Delivery: **NC Courier**

**Harnett County**

StarLiMS ID: **ES220303-0062**

Date Collected: 03/02/2022

Time Collected: 11:05

By: M Osborne

Date Received: 03/03/2022

Time Received: 07:46

By: DeMonta Newborn

Sample Source: Well water

Sampling Point: Well tap

Sample Type:

GPS No.

Treatment:

Well Permit No.

Comment:

**Colilert Profile**

**Method: SM 9223B**

Analyte	Test Result	Unit	Conclusion	Date Tested
Total Coliform	Absent			03/03/2022
E. coli	Absent			03/03/2022

Report Date: 03/04/2022

Reported By: **KPLEMMONS**

**Explanations of Coliform Analysis:**

If coliform bacteria are **Absent**, the water is considered safe for drinking purpose. If coliform bacteria are **Present**, the water is considered unsafe for drinking purpose. Presence of *E. coli* (bacteria) generally indicates that the water has been contaminated with fecal material. It must be remembered that a water analysis refers only to the sample received and should not be regarded as a complete report on the water supply.

North Carolina Division of Public Health  
Occupational and Environmental Epidemiology Branch, Epidemiology Section  
BIOLOGICAL ANALYSIS REPORT

Private well water information and recommendations

County: Horseshoe Name: David Ethridge Sample ID Number: ES220303-0062  
Location: 470 Fox Hunter Ln, Broadway NC 27505 Reviewer MH REHS  
Initial Sample  Confirmation Sample

BIOLOGICAL ANALYSIS RESULTS AND RECOMMENDATIONS FOR USES OF YOUR PRIVATE WELL WATER (These recommendations are based on biological analysis only.)

No coliform bacteria were found in your well water. Your water can be used for all purposes including drinking, cooking, washing dishes, bathing and showering.

Total coliform bacteria were detected in your water sample. Total Coliform are a group of related bacteria that are (with few exceptions) not harmful to humans. A variety of bacteria, parasites, and viruses, known as pathogens, can potentially cause health problems if humans ingest them. EPA considers total coliforms a useful indicator of other pathogens for drinking water. Total coliforms are used to determine the adequacy of water treatment and the integrity of the distribution system.

Your well water needs to be re-tested to verify that the result is accurate.

Fecal coliform bacteria were detected in the sample. **Do not use the water for drinking, cooking, washing dishes, bathing or showering.**

If the re-test shows contamination by bacteria contact your local health department for assistance. There may be a problem with the construction of the well, the groundwater source, or operation of the well. The well needs to be inspected by the local health department or a local well contractor to determine the problem with the well and to give guidance on how to correct the problem.

Your well water was tested for biological contaminants (total coliform and fecal coliform bacteria). The results were evaluated using the federal drinking water standards.

Drinking water may contain substances that can occur naturally in water or can be introduced into water from man-made sources. Total coliform bacteria are found in soil and fecal coliform bacteria are found in animal and human waste. Total coliform or fecal coliform bacteria in well water indicate that the well may have structural problems or that the well was not properly disinfected.

If you have been drinking the well water and are pregnant, nursing, have a child in the household under 5 years of age, or immunocompromised (such as an individual with AIDS, cancer, hepatitis, dialysis or surgical procedures) inform your physician of these results at your next visit.

If the contamination continues, you should investigate the possibility of drilling a new well or installing a point-of-entry disinfection unit, which can use chlorine, ultraviolet light, or ozone.

For further information, please contact your county health department or the Occupational and Environmental Epidemiology Branch at 919-707-5900.