

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 3/5/19, as required in G.S. 95-225(c) and (d), an evaluation was conducted of the drinking water supply and  
(date)

wastewater system serving a migrant housing site composed of # of 1 Mobile home units, # of 0 House (s) and

Other type of housing/describe: \_\_\_\_\_ located at 620 HOLLY SPRINGS  
(address or directions; use reverse if needed)

Ch. Rd. BROADWAY NC 27505 and operated by PHILLIP RYAN PATTERSON

of 10712 US21N BROADWAY NC 27505  
(name of person[s]/company)  
(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  
(subject/not subject)

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 5 people.  
(maximum number)

REWS  
Environmental Health Specialist

**Harnett County Environmental Health**  
Health Department

3/8/19  
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://slph.ncpublichealth.com  
 Phone: 919-733-7308  
 Fax: 919-715-8611

**FINAL REPORT**

**Report to: OLIVER TOLKSDORF**  
**HARNETT CO ENVIRONMENTAL HEALTH**  
 307 CORNELIUS HARNETT BLVD  
 Lillington, NC 27546

**Name of System:**  
**Phillip Ryan Patterson**  
 620 Holly Springs Ch Rd  
 Broadway, NC 27505

**EIN: 566000306EH**                      **Delivery: NC Courier**                      **Harnett County**

StarLiMS ID: **ES190306-0048**                      Date Collected: 03/05/2019                      Time Collected: 13:31                      By: Oliver Tolksdorf  
 Date Received: 03/06/2019                      Time Received: 09:03                      By: Angela Heybroek  
 Sample Source: Well water                      Sampling Point: Spigot at back  
 Sample Type:                      GPS No.  
 Treatment:                      Well Permit No.

Comment:

**Colilert Profile**

**Method: SM 9223B**

Analyte	Test Result	Unit	Conclusion	Date Tested
Total Coliform	Absent			03/06/2019
E. coli	Absent			03/06/2019

**Report Date:** 03/08/2019

**Reported By:** Susan Beasley

**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: HAYNES Name: PHILLIP RYAN PATTERSON Sample ID Number: \_\_\_\_\_  
Location: 620 HOLLY SPRINGS CH. RD BRADWAY 27505 Reviewer OLIVER TOLKSON

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 the sample which indicates that harmful bacteria from human or animal waste could enter the well. Do not use the water for drinking or cooking unless it has been boiled for 3 minutes. You may use your water for all other purposes including washing dishes, bathing or showering.

\_\_\_\_\_ 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.