



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

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Report To:

HARNETT CO ENVIRONMENTAL HEALTH

307 CORNELIUS HARNETT BLVD  
LILLINGTON, NC 27546

Name of System:

Elbert Maynard

Pitt Rd  
Erwin, NC

StarLiMS Sample ID: **ES062409-0025001**



Collected: 06/23/2009 09:38

Received: 06/24/2009 09:01

**Bryan McSwain**

**Angela Heybroek**

ES Microbiology ID: **6340**

GPS Number:

Sample Source: **New Well**

Sampling Point: **Spigot at well**

Well Permit Number:

**08-5-20408**

Sample Description:

Comment:

Environmental Microbiology - Colilert Profile

Method: SM 9223B

Test Name: Colilert

Analyte	Test Result	Analyst	Date
Total Coliform, Colilert	Absent	Darneice Lyons	06/26/2009
E. coli, Colilert	Absent	Darneice Lyons	06/26/2009

Report Date: 06/29/2009

Reported By: *Susan Beasley*

## Explanations

### Coliform Analysis:

If coliform bacteria are Absent, the water is considered safe for drinking purposes. If coliform bacteria are Present, the water is considered unsafe for drinking purposes. 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.

### Inorganic Analysis:

Recommended limits for drinking water. Sample should not exceed levels listed below.

Alkalinity	No established limits	Iron	0.30 mg/l
Arsenic	0.01 mg/l	Lead	0.015 mg/l
Calcium	No established limits	Magnesium	No established limits
Chloride	250 mg/l	Manganese	0.05 mg/l
Copper	1.3 mg/l	Nitrate	10 mg/l (as N)
Fluoride	4 mg/l	Nitrite	1.0 mg/l (as N)
Hardness	No established limits	pH	Not less than 6.5 units
		Zinc	5.0 mg/l

JUL 01 2009