



# 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:**

**Ted & Judy Grantham**

**830 Clarks Corner  
HOLLY SPRINGS, NC 27540**

StarLIMS Sample ID: **ES070809-0061001**



Collected: 07/07/2009 15:14

Received: 07/08/2009 09:19

**Bryan McSwain**

**Angela Heybroek**

ES Microbiology ID: **6802**

GPS Number:

Sample Source: **New Well**

Sampling Point: **Spigot at well**

Well Permit Number:

**08-5-20483**

Sample Description:

Comment:

**Environmental Microbiology - Colilert Profile**

**Method: SM 9223B**

**Test Name: Colilert**

Analyte	Test Result	Analyst	Date
Total Coliform, Colilert	Absent	Benjamin Saavedra	07/09/2009
E. coli, Colilert	Absent	Benjamin Saavedra	07/09/2009

**Report Date:** 07/10/2009

**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