

**COLIFORM ANALYSIS - PRIVATE WATER SUPPLY**

**Name of Owner or Tenant:** Bailey, Chris & Michelle **County:** Harnett  
**Address:** 360 Maynard Lake Rd Erwin, NC **ZIP:** 28339  
**Source:** Well **Type of Sampling Point:** Well sampling tap  
**Collected By:** BM **Date:** 10/27/2008 **Time:** 1:13 PM  
**Signed By:** McSwain, Bryan **Analysis Type:** Private

**Report To:** Harnett Co. Health Dept.  
307 Cornelius Harnett Blvd.  
Lillington, NC 27546 (910) 893-7547

**BACTERIOLOGIC ANALYSIS**

<u>CONTAMINANTS</u>	<u>RESULT</u>
Total Coliform (ColilertRoutine)	Present
Fecal/E. coli	Absent

**Sample No:** AB14068 **Date Received:** 10/28/2008 **Time Received:** 8:50:00 AM  
**Date Reported:** 10/29/2008 **Today's Date:** 10/29/2008 *Joy R. Haug*  
**Comments:** New well permit # 08-5-19902R

Harnett Co. Health Dept.  
ATTN: McSwain, Bryan  
307 Cornelius Harnett Blvd.  
Lillington, NC 27546

**Courier 14-73-01**

## 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

North Carolina State Laboratory of Public Health  
Department of Health and Human Services  
P. O. Box 28047 -- 306 N. Wilmington St. -- Raleigh, N. C. 27611-8047

INORGANIC CHEMICAL ANALYSIS - PRIVATE WATER SYSTEM

Name of System: Bailey, Christ & Michelle

Source of Water:

Address: 350 Maynard Lake Rd  
Erwin, NC

Zip: 28339

Source of Sample:

Type of Sample:

County: HARNETT

Type of Treatment:

Report To: Harnett Co. Health Dept.  
307 Cornelius Harnett Blvd.  
Lillington, NC 27546  
Courier: 14-73-01

ATTN: Bryan McSwain  
(910) 893-7547

Type of Analysis Private

Collected By: B MCSWAIN

Date: 10/27/2008

Time: 1:13:00 PM

Location of sampling point: Well sampling tap

Remarks: Permit # 08-5-19902R

Parameters	Results	Units	Date Analyzed:
Silver	<0.05	mg/l	10/28/2008
Alkalinity as CaCO <sub>3</sub>	106	mg/l	10/28/2008
Arsenic	<0.001	mg/l	10/28/2008
Barium	<0.1	mg/l	10/28/2008
Calcium	8.6	mg/l	10/28/2008
Cadmium	<0.001	mg/l	10/28/2008
Chromium	<0.01	mg/l	10/28/2008
Copper	<0.05	mg/l	10/28/2008
Fluoride	0.95	mg/l	10/28/2008
Iron	<0.10	mg/l	10/28/2008
Hardness as CaCO <sub>3</sub> (Ca,Mg)	42	mg/l	10/28/2008
Mercury	<0.0005	mg/l	10/28/2008
Magnesium	4.9	mg/l	10/28/2008
Manganese	<0.03	mg/l	10/28/2008
Sodium	86	mg/l	10/28/2008
Nitrite as N	<0.10	mg/l	10/28/2008
Nitrate as N	<1.0	mg/l	10/28/2008
Lead	<0.005	mg/l	10/28/2008
pH	8.8	Std. units	10/28/2008
Selenium	<0.005	mg/l	10/28/2008
Zinc	<0.05	mg/l	10/28/2008

Date Received: 10/28/2008

Report Date: 11/13/2008

Reported By: *Debra Moncal*

Today's Date: 11/13/2008

Ref: 15178

Login Batch: 08100082

Sample Number: AB80491

NOV 17 2008

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Harnett County Government Complex  
307 Cornelius Harnett Boulevard  
Lillington, NC 27546

ph: 910-893-7550  
fax: 910-893-9429

*12/3/08  
No 2nd request  
for sampling  
close to well file*

*11/17/08  
★ mailed final water sample  
results today - (inorganic)  
Hold for Resample request on Bact.  
before filing in Well Booklet.*

November 3, 2008

Chris & Michelle Bailey  
350 Maynard Lake Rd.  
Erwin, N.C. 28339

RE: Bacteriological water sample collected on October 27, 2008

Dear Mr. & Mrs. Bailey,

The report of the water sample taken on October 27, 2008, at 350 Maynard Lake Rd. Erwin, revealed the presence of coliform bacteria. A copy of the water sample report is enclosed.

If you chose to have a second sample taken you will need to properly disinfect your well. As soon as the well has been treated contact the Harnett County Division of Environmental Health so another sample can be taken. There will be a \$25.00 fee for the second sample.

The enclosed pamphlet provides specific directions about how to disinfect the well. If you have any questions, contact the Aquifer Protection Section at the Fayetteville Regional Office at (910) 433-3300 or contact me at (910) 893-7547.

If you have any questions, please call me Monday through Friday between 8:00 and 9:00 A.M. at (910) 893-7547.

Sincerely,

Bryan McSwain, R.S.  
Environmental Health Program Specialist  
Harnett County Department of Public Health

Enclosures: Water Sample Report  
How to Disinfect Your Water Well