

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: Gregory, Joe

Address: 2812 Carson Gregory Rd
Angier, NC

Zip: 27501

County: HARNETT

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

ATTN: Bryan McSwain
(910) 893-7547

Source of Water:

Source of Sample:

Type of Sample:

Type of Treatment:

Type of Analysis Private

Collected By: B MCSWAIN

Date: 10/7/2009

Time: 1:50:00 PM

Location of sampling point: Spigot at well

Remarks: Permit # 09-5-22480

Parameters	Results	Units	Date Analyzed:
Silver	<0.05	mg/l	10/8/2009
Alkalinity as CaCO3	91	mg/l	10/8/2009
Arsenic	<0.005	mg/l	10/8/2009
Barium	0.1	mg/l	10/8/2009
Calcium	21.7	mg/l	10/8/2009
Cadmium	<0.001	mg/l	10/8/2009
Chloride IC	<5.0	mg/l	10/8/2009
Chromium	<0.01	mg/l	10/8/2009
Copper	<0.05	mg/l	10/8/2009
Fluoride	<0.20	mg/l	10/8/2009
Iron	0.53	mg/l	10/8/2009
Hardness as CaCO3 (Ca,Mg)	73	mg/l	10/8/2009
Mercury	<0.0005	mg/l	10/8/2009
Magnesium	4.5	mg/l	10/8/2009
Manganese	0.10	mg/l	10/8/2009
Sodium	9	mg/l	10/8/2009
Nitrite as N	<0.10	mg/l	10/8/2009
Nitrate as N	<1.0	mg/l	10/8/2009
Lead	<0.005	mg/l	10/8/2009
pH	7.8	Std. units	10/8/2009
Selenium	<0.005	mg/l	10/8/2009
Sulfate	<5.0	mg/l	10/8/2009
Zinc	0.82	mg/l	10/8/2009

Date Received: 10/8/2009

Report Date: 10/23/2009

Reported By: *Dottie Nunez*

Today's Date: 10/23/2009

Ref: 14276

Login Batch: 09100017

Sample Number: AB96257

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