

**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: Castaldo, Sharon

Source of Water:

Address: 3375 Meadowlark Rd
 Dunn, NC

Zip: 28334

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: 1/27/2009

Time: 2:15:00 PM

Location of sampling point: Spigot at well

Remarks: Permit # 08 - 5 - 20063

Parameters	Results	Units	Date Analyzed:
Silver	<0.05	mg/l	1/28/2009
Alkalinity as CaCO ₃	125	mg/l	1/28/2009
Arsenic	<0.001	mg/l	1/28/2009
Barium	<0.1	mg/l	1/28/2009
Calcium	9.2	mg/l	1/28/2009
Cadmium	<0.001	mg/l	1/28/2009
Chloride IC	27	mg/l	1/28/2009
Chromium	<0.01	mg/l	1/28/2009
Copper	<0.05	mg/l	1/28/2009
Fluoride	0.59	mg/l	1/28/2009
Iron	0.61	mg/l	1/28/2009
Hardness as CaCO ₃ (Ca,Mg)	50	mg/l	1/28/2009
Mercury	<0.0005	mg/l	1/28/2009
Magnesium	6.6	mg/l	1/28/2009
Manganese	0.04	mg/l	1/28/2009
Sodium	56	mg/l	1/28/2009
Nitrite as N	<0.10	mg/l	1/28/2009
Nitrate as N	<1.0	mg/l	1/28/2009
Lead	<0.005	mg/l	1/28/2009
pH	8.0	Std. units	1/28/2009
Selenium	<0.005	mg/l	1/28/2009
Sulfate	15	mg/l	1/28/2009
Zinc	0.05	mg/l	1/28/2009

Date Received: 1/28/2009

Report Date: 2/10/2009

Reported By: *Debra Nunez*

Today's Date: 2/11/2009

Ref: 1158

Login Batch: 09010068

Sample Number: AB84412

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