

## North Carolina State Laboratory of Public Health

## Environmental Sciences

## **Inorganic Chemistry**

Certificate of Analysis

P.O. Box 28047 4312 District Drive Raleigh, NC 27611-8047 http://slph.ncpublichealth.com

Phone: 919-733-7308 919-715-8611 Fax:

Report To: ANDREW CURRIN

Name of System:

HARNETT CO ENVIRONMENTAL HEALTH

**SHANE & JUDITH PIPHER** 

307 CORNELIUS HARNETT BLVD

1056 SHERIFF JOHNSON RD

LILLINGTON, NC 27546

LILLINGTON, NC 27546

EIN: 566000306EH

Courier # 14-73-01

Time Collected:

11:45 AM

StarLiMS ID:

ES112817-0025001

Date Collected: 11/27/17 Date Received: 11/28/17

Collected By:

Andrew Currin

Sample Type:

Raw

Sampling Point: Sample tap

Well Permit #:

Sample Source: New Well

Temp. at Receipt: 3.6

17-5-41248R

GPS #:

Sample Description:

Comment:

New Well I (Profile)

Analyte	Result	<b>Allowable Limit</b>	Unit	Qualifier(s)
Arsenic	< 0.005	0.010	mg/L	
Barium	0.270	2.00	mg/L	
Cadmium	< 0.001	0.005	mg/L	
Calcium	23		mg/L	
Chloride	< 5.00	250	mg/L	
Chromium	< 0.01	0.10	mg/L	
Copper	< 0.05	1.3	mg/L	
Fluoride	< 0.20	4.00	mg/L	
Iron	< 0.10	0.30	mg/L	
Lead	< 0.005	0.015	mg/L	
Magnesium	8		mg/L	
Manganese	0.140	0.05	mg/L	
Mercury	< 0.0005	0.002	mg/L	
Nitrate	< 1.00	10.00	mg/L	
Nitrite	< 0.1	1.00	mg/L	
рН	7.9		N/A	
Selenium	< 0.005	0.05	mg/L	
Silver	< 0.05	0.10	mg/L	
Sodium	16.00		mg/L	
Sulfate	< 5.00	250	mg/L	
Total Alkalinity	110		mg/L	
Total Hardness	91		mg/L	
Zinc	< 0.05	5.00	mg/L	

Debbie Moncol Report Date: 12/11/2017 Reported By:



## Private Well Information and Use Recommendations

For Inorganic Chemical Contaminants

County: Harrelt Name: Share + Jodith Pipher								
mple ID #: ES117817-008001 Reviewer: Andrew Coccin								
TEST RESULTS AND USE RECOMMENDATIONS  1. Your well water meets federal drinking water standards <i>for inorganic chemicals</i> . Your water can be used for drinking, cooking, washing, cleaning, bathing, and showering based on the <i>inorganic chemical results only</i> . You may have other water sampling results that are not taken into account in this report.  2. The following substance(s) exceeded federal drinking water standards or the North Carolina 2L calculated health levels. The North Carolina Division of Public Health recommends that your well water not be used for drinking and cooking, unless you install a water treatment system to remove the circled substance(s). However, it may be used for washing, cleaning, bathing and showering based on the <i>inorganic chemical results only</i> .								
Cadmium Nitrate/Nitrite s exceed the U.S. Er Carolina Division of	Chromium Selenium  nvironmental I Public Health	Copper Silver	Fluoride Magnesium ency's (USEPAthat only indiv	Lead Zinc  A) Health Adviduals on no	or low so	dium restricted		
b. Levels over 30 mg/l may pose aesthetic problems such as bad taste, odor, staining of porcelain, etc.								
ead and /or copper. ssible a first draw, 5	Take a first dr minute and a	raw, 5 minute, 15 minute san	and 15 minute	e sample insi l head to dete	de the hou	use (preferably source of the		
aning, bathing, and s r, staining of porcela	showering base	ed on the <i>inor</i>	ganic chemic	al results onl	lv. but aes	thetic problems		
Tanganese Seleniu nsiders these ave no direc	m Silver	pH conducts c	Zinc			end		
	TEST RE  Transport results federal drink ashing, cleaning, bat pling results that are substance(s) exceeder colina Division of Punstall a water treatmenthing and showering  Cadmium Nitrate/Nitrite  Sexceed the U.S. Endarolina Division of er for drinking or contained and presults only.  So mg/l may pose according to may pose acco	TEST RESULTS AND TEST R	TEST RESULTS AND USE RECE or meets federal drinking water standards for image ashing, cleaning, bathing, and showering based appling results that are not taken into account in the substance(s) exceeded federal drinking water standards and showering based on the inorganic characteristic colors and showering based on the inorganic characteristic cha	TEST RESULTS AND USE RECOMMENDARY meets federal drinking water standards for inorganic chemical ashing, cleaning, bathing, and showering based on the inorgan pling results that are not taken into account in this report.  Substance(s) exceeded federal drinking water standards or the rolina Division of Public Health recommends that your well with mistall a water treatment system to remove the circled substance withing and showering based on the inorganic chemical results.  Cadmium Chromium Copper Fluoride with Magnesium Silver Magnesium.  Substance(s) Environmental Protection Agency's (USEPA Carolina Division of Public Health recommends that only indiver for drinking or cooking. It may be used for washing, cleaning all results only.  Substance(s) may pose aesthetic problems such as bad taste, odor, substance(s) exceeded federal drinking water standards. Your ashing, bathing, and showering based on the inorganic chemical results of porcelain, etc. may occur. You may want to instruction of the physical parameter of the p	TEST RESULTS AND USE RECOMMENDATIONS or meets federal drinking water standards for inorganic chemicals. Your washing, cleaning, bathing, and showering based on the inorganic chemical pling results that are not taken into account in this report.  Substance(s) exceeded federal drinking water standards or the North Carolina Division of Public Health recommends that your well water not be used in the inorganic chemical results only.  Cadmium Chromium Copper Fluoride Lead your virtual and showering based on the inorganic chemical results only.  Cadmium Chromium Copper Fluoride Lead your virtual your virtual and showering based on the inorganic chemical results only.  See exceed the U.S. Environmental Protection Agency's (USEPA) Health Additional Division of Public Health recommends that only individuals on note for drinking or cooking. It may be used for washing, cleaning, bathing, and results only.  So mg/l may pose aesthetic problems such as bad taste, odor, staining of post recommended in	Reviewer: Andrew Coscin  TEST RESULTS AND USE RECOMMENDATIONS or meets federal drinking water standards for inorganic chemicals. Your water can be ashing, cleaning, bathing, and showering based on the inorganic chemical results on pling results that are not taken into account in this report.  Substance(s) exceeded federal drinking water standards or the North Carolina 2L calcolina Division of Public Health recommends that your well water not be used for drinkstall a water treatment system to remove the circled substance(s). However, it may it into and showering based on the inorganic chemical results only.  Cadmium Chromium Copper Fluoride Lead Iron y Nitrate/Nitrite Selenium Silver Magnesium Zinc pH  se exceed the U.S. Environmental Protection Agency's (USEPA) Health Advisory levels are for drinking or cooking. It may be used for washing, cleaning, bathing, and shower al results only.  The may be used for washing, cleaning, bathing, and shower all results only.  The may be used for washing, cleaning of porcelain, etc. months.  The months are a first draw, 5 minute, and 15 minute sample inside the house of the sire of drinking and showering based on the inorganic chemical results only. But again the well head to determine the common of the inorganic chemical results only. The physical results only, and showering based on the inorganic chemical results only. But again the sample at the well head to determine the common of the inorganic chemical results only. But again the sample and showering based on the inorganic chemical results only. But again the common of the inorganic chemical results only. The physical results only and showering based on the inorganic chemical results only. But again the common of the inorganic chemical results only. The physical results only again the common of the inorganic chemical results only. The physical results only again the common of the inorganic chemical results only. The physical results only again the physical results only again the physical results only again the physical		