

### 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 Fax: 919-715-8611

Report To: JAMES MANHART III

Name of System:

HARNETT CO ENVIRONMENTAL HEALTH

BARRY CAULDER

307 CORNELIUS HARNETT BLVD

641 DUKE RD

**LILLINGTON, NC 27546** 

Courier # 14-73-01

**DUNN, NC 28334** 

EIN: 566000306EH

ES091713-0028001

Time Collected: 11:00 AM

StarLiMS ID:

Date Collected: 09/16/13 Date Received: 09/17/13

Collected By:

James E Manhart

Sample Type:

Sampling Point: Outside spigot

Well Permit #:

29662

Sample Source: New Well

Temp. at Receipt: 2.5

GPS #:

12-5-79662

Sample Description:

Comment:

#### New Well I (Profile)

Analyte	Result	Allowable Limit	Unit	Qualifier(s)
Arsenic	< 0.005	0.010	mg/L	-
Barium	0.2	2.00	mg/L	
Cadmium	< 0.001	0.005	mg/L	
Calcium	7		mg/L	
Chloride	< 5.00	250	mg/L	
Chromium	< 0.01	0.10	mg/L	
Copper	< 0.05	1.3	mg/L	
Fluoride	0.29	4.00	mg/L	
Iron	2.20	0.30	mg/L	
Lead	< 0.005	0.015	mg/L	
Magnesium	8		mg/L	
Manganese	0.18	0.05	mg/L	
Mercury	< 0.0005	0.002	mg/L	
Nitrate	< 1.00	10.00	mg/L	
Nitrite	< 0.10	1.00	mg/L	
pH	7.5		N/A	
Selenium	< 0.005	0.05	mg/L	
Silver	< 0.05	0.10	mg/L	
Sodium	7.90		mg/L	
Sulfate	5.90	250	mg/L	
Total Alkalinity	61		mg/L	
Total Hardness	53		mg/L	
Zinc	< 0.05	5.00	mg/L	

Report Date: 09/24/2013 Arnold Hall Reported By:

## North Carolina Division of Public Health

### Occupational and Environmental Epidemiology Branch, Epidemiology Section

### INORGANIC CHEMICAL ANALYSIS REPORT

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Private well water information and recommendations

County:	Harne	eT Name: _	Car	Man	Sample Id	Number:	28001
Location:					Reviewer	14MR	10/16/13
Your well water federal drinking contain substant sources.	water standard	15 metals, plus ls. The pH is a	measure of	itrites, and f the acidit	y of the water.	Drinking w	ater may
Your well washing, cleaning	water meets fee						nking, cooking,
The follow drinking, cooking staining of porce aesthetic problem	elain, etc. may	aning, bathing	and show	ering, but <u>a</u>	esthetic proble	ems such as l	bad taste, odor,
		Cadmium Chr Selemium Silv		Fluoride Sodium		Magnesium pH	
The follow water not be use substance(s). Ho	ving substance(s d for drinking a wever, it may b	and cooking, u	nless you ir	astall a wat	er treatment sy	ystem to rem	hat your well ove the circled
Arsenic Bari	um Cadmiu	m Chromiu	m Copper	Fluor	ide Lead	Iron	Magnesium
Manganese Merc	cury Nitrate/I	Nitrite Selenium		Sodiu	m Zinc	pН	
-		r copper. Take	e a first dra draw, 5 mir	nths. w, 5 minute nute and a 1	e, and 15 minu 15 minute sam	ate sample in	side the house
Routine well way	ter sampling for when there is a	r the above sub	R CONSII ostances is a m or contar	recommend	led every two	to three year	s. Sample replacement of

For further information please contact your county health department or the Occupational and Environmental Epidemiology Branch at 919-707-5900.

your well, or after a flooding event. Contact your local health department for sampling instructions.