

North Carolina State Laboratory of Public Health

Environmental Sciences

Inorganic Chemistry

Certificate of Analysis

4312 District Drive MSC 1918

Raleigh, NC 27699-1918

http://slph.ncpublichealth.com Phone: 919-733-7308 Fax: 919-715-8611

FINAL REPORT

Report to: M Osborne

HARNETT CO ENVIRONMENTAL HEALTH

307 CORNELIUS HARNETT BLVD

LILLINGTON, NC 27546

Name of System:

Lisa L Grandy 539 Valley Rd

Spring Lake, NC 28390

EIN: 566000306EH

Delivery: NC Courier

StarLiMS ID: ES240110-0015

Date Collected:

01/09/2024

Time Collected:

12:00

M Osborne

Date Received:

01/10/2024

Time Received:

07:35

Sample Type:

Raw

Sampling Point:

Outside faucet

Well Permit No.

Sample Source:

Well water

Receipt Temp.:

GPS Number:

Profile: Inorganic Chemical + Metals I

Analyte	Test Result	Allowable Limit	Unit	Qualifier(s
Arsenic	<0.001	0.010	mg/L	
Barium	0.259	2.0	mg/L	
Cadmium	< 0.0005	0.005	mg/L	
Calcium	16		mg/L	
Chloride	<5	250	mg/L	
Chromium	<0.02	0.10	mg/L	
Copper	<0.01	1.3	mg/L	
Fluoride	0.142	4.00	mg/L	
Iron	1.30	0.300	mg/L	
Lead	< 0.003	0.015	mg/L	
Magnesium	3		mg/L	
Manganese	0.126	0.05	mg/L	
Mercury	< 0.0004	0.002	mg/L	
Nickel	<0.01	0.1	mg/L	
pH	8.0		N/A	
Selenium	< 0.005	0.05	mg/L	
Silver	<0.01	0.10	mg/L	
Sodium	25.0		mg/L	
Sulfate	8.8	250	mg/L	
Total Alkalinity	94		mg/L	
Total Hardness	52		mg/L	
Zinc	0.28	5.0	mg/L	

Report Date:

01/23/2024

Reported By:

Marc Komlos



Private Well Information and Use Recommendations

For Inorganic Chemical Contaminants

Reviewer: M. Bhara pets TEST RESULTS AND USE RECOMMENDATIONS 1. Your well water meets federal drinking water standards for inorganic chemicals. Your water can be used drinking, cooking, washing, cleaning, bathing, and showering based on the inorganic chemical results only. 2. The following substance(s) exceeded federal drinking water standards or the North Carolina 2L calculatevels. The North Carolina Division of Public Health recommends that your well water not be used for drinking, unless you install a water treatment system to remove the circled substance(s). However, it may be washing, cleaning, bathing and showering based on the inorganic chemical results only. Arsenic Barium Cadmium Chromium Copper Fluoride Lead Iron Manganese Mercury Nitrate/Nitrite Selenium Silver Magnesium Zinc pH 3. A Sodium levels exceed the U.S. Environmental Protection Agency's (USEPA) Health Advisory level 20 mg/l. The North Carolina Division of Public Health recommends that only individuals on no or low sodit diets not use this water for drinking or cooking. It may be used for washing, cleaning, bathing, and showering the inorganic chemical results only. b. Levels over 30 mg/l may pose aesthetic problems such as bad taste, odor, staining of porcelain, etc. months. Re-sampling is recommended in months.		Timour o		morga				VIII NO TO THE REAL PROPERTY.	
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Re-sample for lead and /or copper. Take a first draw, 5 minute, and 15 minute sample inside the house.	Your water can be used for	eals. Your water	anic chemic the <u>inorgan</u>	dards for inot ering based of	ng water stan	s federal drink cleaning, bath	king, washing	drinking, coo	
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the kitchen) and if possible a first draw, 5 minute and a 15 minute sample at the well head to determine the selead and/or copper.							and if possible	the kitchen)	
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