



# North Carolina State Laboratory of Public Health

## Environmental Sciences Inorganic Chemistry

### Certificate of Analysis

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Report To: **SAMANTHA DYE**

Name of System:

**GASTON CO ENVIRONMENTAL HEALTH**

**GWEN MCCONNELL**

**991 WEST HUDSON BLVD**

**CARR RD**

**GASTONIA, NC 28052**

**Courier # 06-34-01**

**DALLAS, NC 28034**

**EIN: 566000300EH**

StarLiMS ID: **ES082516-0057001**

Date Collected: 08/23/16

Time Collected: 11:45 AM

Date Received: 08/25/16

Collected By:

Sample Type: Raw

Sampling Point: Outside spigot

Well Permit #: 12196

Sample Source: New Well

Temp. at Receipt: 13.2

GPS #:

Sample Description:

Comment: Nitrate sample improperly preserved; therefore results may not be valid. Sample needs to be cooled to 4°C upon collection.

#### New Well I (Profile)

Analyte	Result	Allowable Limit	Unit	Qualifier(s)
Arsenic	< 0.005	0.010	mg/L	
Barium	< 0.1	2.00	mg/L	
Cadmium	< 0.001	0.005	mg/L	
Calcium	80		mg/L	
Chloride	< 5.00	250	mg/L	
Chromium	< 0.01	0.10	mg/L	
Copper	< 0.05	1.3	mg/L	
Fluoride	2.10	4.00	mg/L	
Iron	< 0.10	0.30	mg/L	
Lead	< 0.005	0.015	mg/L	
Magnesium	13		mg/L	
Manganese	< 0.03	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	
pH	7.8		N/A	
Selenium	< 0.005	0.05	mg/L	
Silver	< 0.05	0.10	mg/L	
Sodium	15.00		mg/L	
Sulfate	200.00	250	mg/L	
Total Alkalinity	61		mg/L	
Total Hardness	250		mg/L	
Zinc	< 0.05	5.00	mg/L	

Report Date: 09/06/2016

Reported By: Kenneth Greene