



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: SAMANTHA DYE

Name of System:

GASTON CO ENVIRONMENTAL HEALTH
991 WEST HUDSON BLVD

GWEN MCCONNELL

GASTONIA, NC 28052

Courier # 06-34-01

CARR RD
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



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