



North Carolina State Laboratory of Public Health  
*Environmental Sciences*  
**Inorganic Chemistry**  
 Certificate of Analysis

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**Report To:**

**MITCHELL CO ENVIRONMENTAL HEALTH**  
 130 FOREST SERVICE DR, SUITE A

**Name of System:**

**TOWN OF SPRUCE PINE**

**BAKERSVILLE, NC 28705**  
**EIN: 561272202C**

**Courier # 12-71-04**

**SPRUCE PINE, NC 28777**

StarLiMS ID: **ES101013-0014001**      Date Collected: 10/09/13      Time Collected: 09:45 AM  
 Date Received: 10/10/13      Collected By: John K Silver

Sample Type: Treated      Sampling Point: Town Hall kitchen tap      Well Permit #:  
 Sample Source: Community      Temp. at Receipt:      GPS #:

Sample Description:  
 Comment:

**Inorganic Chemical + Metals 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	3		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	0.16	0.30	mg/L	
Lead	< 0.005	0.015	mg/L	
Magnesium	1		mg/L	
Manganese	< 0.03	0.05	mg/L	
Mercury	< 0.0005	0.002	mg/L	
pH	7.5		N/A	
Selenium	< 0.005	0.05	mg/L	
Silver	< 0.05	0.10	mg/L	
Sodium	8.30		mg/L	
Sulfate	7.00	250	mg/L	
Total Alkalinity	17		mg/L	
Total Hardness	11		mg/L	
Zinc	< 0.05	5.00	mg/L	

**Report Date:** 10/21/2013

**Reported By:** Arnold Hall