



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

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Report To: JAMES MANHART III  
 HARNETT CO ENVIRONMENTAL HEALTH  
 307 CORNELIUS HARNETT BLVD

Name of System:  
 BOBBY ELKINS  
 773 RAWLS CHURCH RD

LILLINGTON, NC 27546  
 EIN: 566000306EH

Courier # 14-73-01

StarLiMS ID: ES010715-0063001 Date Collected: 01/06/15 Time Collected: 10:00 AM  
 Date Received: 01/07/15 Collected By: James E Manhart III

Sample Type: Sampling Point: Inside spigot Well Permit #: 13-5-31908  
 Sample Source: New Well Temp. at Receipt: 4.0 GPS #:

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          | 15       |                 | mg/L |              |
| Chloride         | 11.00    | 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             | < 0.10   | 0.30            | mg/L |              |
| Lead             | < 0.005  | 0.015           | mg/L |              |
| Magnesium        | 15       |                 | mg/L |              |
| Manganese        | < 0.03   | 0.05            | mg/L |              |
| Mercury          | < 0.0005 | 0.002           | mg/L |              |
| Nitrate          | < 1.00   | 10.00           | mg/L |              |
| Nitrite          | < 0.10   | 1.00            | mg/L |              |
| pH               | 9.2      |                 | N/A  |              |
| Selenium         | < 0.005  | 0.05            | mg/L |              |
| Silver           | < 0.05   | 0.10            | mg/L |              |
| Sodium           | 30.00    |                 | mg/L |              |
| Sulfate          | 15.00    | 250             | mg/L |              |
| Total Alkalinity | 124      |                 | mg/L |              |
| Total Hardness   | 96       |                 | mg/L |              |
| Zinc             | 0.34     | 5.00            | mg/L |              |

Report Date: 01/12/2015

Reported By: Debbie Moncol