North Carolina State Laboratory Public Health
Environmental Sciences
Microbiology
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:
IREDELL CO ENVIRONMENTAL HEALTH DEPT - STATE
349 N. CENTER STREET

STATESVILLE, NC 28677
EIN:566000309EH **COURIER #: 09-36-07**

Name of System:
FRED LOWRY JR.

636 MORGAN FORD RD.
STATESVILLE, NC 28660

StarLiMS Sample ID: **ES112817-0109001**

Collected: 11/27/2017 11:20
Received: 11/28/2017 08:36

Carla Cave
Susan Beasley

ES Microbiology ID:
GPS Number:

Sample Source: **New Well**
Sampling Point: **well head**

Well Permit Number:
222006

Sample Description:
Comment:

Environmental Microbiology - Colisure Profile **Method:** SM 9223B

Test Name: Water - Colisure

Analyte	Test Result	Date
Total Coliform, Colisure	Present	11/29/2017
E. coli, Colisure	Absent	11/29/2017

Report Date: 11/29/2017

Reported By: Susan Beasley

Susan Beasley

Explanations of Coliform Analysis:

If coliform bacteria are **Absent**, the water is considered safe for drinking purpose. If coliform bacteria are **Present**, the water is considered unsafe for drinking purpose. Presence of *E. coli* (bacteria) generally indicates that the water has been contaminated with fecal material. It must be remembered that a water analysis refers only to the sample received and should not be regarded as a complete report on the water supply.

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: **CARLA CAVE**

IREDELL CO ENVIRONMENTAL HEALTH DEPT - STA
349 N. CENTER STREET

STATESVILLE, NC 28677
EIN: 566000309EH

Courier # 09-36-07

Name of System:

FRED LOWRY JR

636 MORGAN FORD RD
OLIN, NC 28660

StarLiMS ID: **ES112817-0029001**

Date Collected: 11/27/17
Date Received: 11/28/17

Time Collected: 11:20 AM
Collected By: Carla Cave

Sample Type: Raw
Sample Source: New Well

Sampling Point: Well head
Temp. at Receipt: 1.5

Well Permit #: 222006
GPS #:

Sample Description:
Comment:

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	13		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	2.90	0.30	mg/L	
Lead	< 0.005	0.015	mg/L	
Magnesium	2		mg/L	
Manganese	0.095	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	7.2		N/A	
Selenium	< 0.005	0.05	mg/L	
Silver	< 0.05	0.10	mg/L	
Sodium	5.20		mg/L	
Sulfate	7.60	250	mg/L	
Total Alkalinity	42		mg/L	
Total Hardness	40		mg/L	
Zinc	0.47	5.00	mg/L	

Report Date: 12/11/2017

Reported By: *Debbie Moncol*