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:

PINECREST LAND DEVELOPERS
905 E MONBO RD
STATESVILLE, NC 28677

StarLiMS Sample ID: **ES011514-0050001**

Collected: 01/14/2014 14:45
Received: 01/15/2014 08:35

Justin Henderson
Angela Heybroek

ES Microbiology ID:
GPS Number:

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

Well Permit Number: **172034**

Sample Description:
Comment:

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

Test Name: Colilert

Analyte	Test Result	Analyst	Date
Total Coliform, Colilert	Absent	Susan Beasley	01/16/2014
E. coli, Colilert	Absent	Susan Beasley	01/16/2014

Report Date: 01/21/2014

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

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Report To: **JUSTIN HENDERSON**

IREDELL CO ENVIRONMENTAL HEALTH DEPT - ST/
349 N. CENTER STREET

STATESVILLE, NC 28677
EIN: 566000309EH

Courier # 09-36-07

Name of System:

PINECREST LAND DEVELOPERS
905 E MONBO RD
STATESVILLE, NC 28677

StarLiMS ID: **ES011514-0033001**

Date Collected: 01/14/14
Date Received: 01/15/14

Time Collected: 2:45 PM
Collected By: Justin Henderson

Sample Type:
Sample Source: New Well

Sampling Point: Well head
Temp. at Receipt: 1.1

Well Permit #: 172034
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	12		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	< 0.10	0.30	mg/L	
Lead	< 0.005	0.015	mg/L	
Magnesium	2		mg/L	
Manganese	0.09	0.05	mg/L	
Mercury	< 0.0005	0.002	mg/L	
Nitrate	2.50	10.00	mg/L	
Nitrite	< 0.10	1.00	mg/L	
pH	7.5		N/A	
Selenium	< 0.005	0.05	mg/L	
Silver	< 0.05	0.10	mg/L	
Sodium	5.00		mg/L	
Sulfate	< 5.00	250	mg/L	
Total Alkalinity	39		mg/L	
Total Hardness	39		mg/L	
Zinc	2.90	5.00	mg/L	

Report Date: 01/27/2014

Reported By: *Arnold Hall*