North Carolina State Laboratory Public Health
Environmental Sciences
Microbiology
Certificate of Analysis

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Report To:

HARNETT CO ENVIRONMENTAL HEALTH

307 CORNELIUS HARNETT BLVD
LILLINGTON, NC 27546

Name of System:

DAVID & CINDY SONGS

603 DAVIS AVE
DUNN, NC 28334

StarLiMS Sample ID: **ES060810-0060001**

Collected: 06/07/2010 13:45 **Bryan McSwain**
Received: 06/08/2010 08:57 **Angela Heybroek**

ES Microbiology ID: **17353**
GPS Number:

Sample Source: **New Well**
Sampling Point: **Spigot @ well**

Well Permit Number: **09-5-23309NR**

Sample Description:
Comment:

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

Test Name: Colilert

Analyte	Test Result	Analyst	Date
Total Coliform, Colilert	Absent	Darneice Lyons	06/09/2010
E. coli, Colilert	Absent	Darneice Lyons	06/09/2010

Report Date: 06/10/2010

Reported By: **Joy Hayes**

Joy R. Hayes

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 Division of Public Health
Occupational and Environmental Epidemiology Branch, Epidemiology Section

INORGANIC CHEMICAL ANALYSIS REPORT

Private well water information and recommendations

County: Harnett Name: Songs Sample Id Number: 25301

Location: _____ Reviewer KMR

ANALYSIS REPORT

Your well water was tested for 15 metals, plus nitrates, nitrites, and pH. The results were evaluated using the federal drinking water standards. The pH is a measure of the acidity of the water. Drinking water may contain substances that can occur naturally in water or can be introduced into the water from man-made sources. (These recommendations are based on inorganic chemical analysis only.)

TEST RESULTS AND USE RECOMMENDATIONS

____ Your well water meets federal drinking water standards. Your water can be used for drinking, cooking, washing, cleaning, bathing, and showering.

____ The following substance(s) exceeded federal drinking water standards. Your water can be used for drinking, cooking, washing, cleaning, bathing, and showering, but aesthetic problems such as bad taste, odor, staining of porcelain, etc. may occur. You may want to install a household water treatment system to address aesthetic problems.

Barium	Cadmium	Chromium	Fluoride	Iron	Magnesium
Manganese	Selenium	Silver	Sodium	Zinc	pH

✓ The following substance(s) exceeded federal drinking water standards: We recommend that your well water not be used for drinking or cooking, unless you install a water treatment system to remove the circled substance(s). However, it may be used for washing, cleaning, bathing, and showering.

Arsenic	Barium	Cadmium	Chromium	Copper	Fluoride	Lead	Iron	Magnesium
Manganese	Mercury	Nitrate/Nitrite	Selenium	Silver	Sodium	Zinc	pH	

____ Re-sampling is recommended in _____ months.

____ Re-sample for lead and /or copper. Take a first draw, 5 minute, and 15 minute sample inside the house (preferably the kitchen) and if possible a first draw, 5 minute and a 15 minute sample at the well head to determine the source of the lead and/or copper. Contact your local health department for re-sampling assistance.

OTHER CONSIDERATIONS

Routine well water sampling for the above substances is recommended every two to three years. Sample your well water when there is a known problem or contamination in your area, after repairs or replacement of your well, or after a flooding event. Contact your local health department for sampling instructions.

Contact your local health department for more information or go to http://www.epi.state.nc/epi/oii/hsfactsheet.html