



Well Water Information and Use Recommendations

For Inorganic Chemical Contaminants

County: Gaston Name: Vatsakumar Raval
 Sample ID #: AL2 Address: 2360 South Point Rd
 Sample Date: 4-29-15 City: Belmont

TEST RESULTS AND USE RECOMMENDATIONS

1. The following substance(s) exceeded the North Carolina Health Screening Level, and may result in an increased health risk.* In order to reduce or eliminate this increased health risk, the North Carolina Division of Public Health recommends that your well water not be used for drinking and cooking. However, it may be used for washing, cleaning, bathing and showering. While this recommendation represents the maximum in health protection, your well would still meet all the criteria of the federal Safe Drinking Water Act for public drinking water sources.

Vanadium, hexavalent Chromium

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JUN 17 2015

Water Quality Regional Operations Section

2. Sodium levels exceed the U.S. Environmental Protection Agency's (USEPA) Health Advisory Level for sodium of 20 mg/L. The North Carolina Division of Public Health recommends that only individuals on no or low sodium restricted diets not use this water for drinking or cooking. It may be used for washing, cleaning, bathing, and showering.
3. Re-sampling is recommended in _____ months.
4. 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.

This form is applicable only to drinking water wells tested as specified by Session Law 2014-122S (Senate Bill 729) 130A-309.209

For further information, please contact the Occupational and Environmental Epidemiology Branch at 919-707-5900

*At 0.07 µg/L of hexavalent chromium in drinking water, the lifetime cancer risk for an adult is on the order of one in one million. At this level of risk, one additional case of cancer is projected in a population of one million people exposed to hexavalent chromium over their lifetime. A daily lifetime exposure to vanadium that exceeds 0.3 µg/L may result in an increased non-cancer health risk.



Well Water Information and Use Recommendations

For Inorganic Chemical Contaminants

County: Caston Name: William Fugua
 Sample ID #: ALB 59-R Address: 135 Wood Ln
 Sample Date: 6-3-15 City: Belmont

TEST RESULTS AND USE RECOMMENDATIONS

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Vanadium, hexavalent chromium

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Vanadium

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Well Water Information and Use Recommendations

For Inorganic Chemical Contaminants

County: Rowan Name: Jimmie Goodnight Jr.
 Sample ID #: B14 Address: 630 Leonard Rd.
 Sample Date: 6-2-15 City: Salisbury

TEST RESULTS AND USE RECOMMENDATIONS

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Iron, Vanadium, hexavalent chromium

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Vanadium, hexavalent chromium

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Vanadium, hexavalent Chromium

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Well Water Information and Use Recommendations

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Vanadium, hexavalent chromium

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Well Water Information and Use Recommendations

For Inorganic Chemical Contaminants

County: Rowan Name: William Vernon McKinney
 Sample ID #: B69 Address: 485 Leipers Rd.
 Sample Date: 6-3-15 City: Salisbury

TEST RESULTS AND USE RECOMMENDATIONS

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Chromium, Vanadium, hexavalent chromium

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Well Water Information and Use Recommendations

For Inorganic Chemical Contaminants

County: Rowan Name: Roshell Lette Robison
 Sample ID #: B76 Address: 345 Leonard Rd.
 Sample Date: 6-2-15 City: Salisbury

TEST RESULTS AND USE RECOMMENDATIONS

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Vanadium, hexavalent chromium

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Well Water Information and Use Recommendations

For Inorganic Chemical Contaminants

County: Rowan Name: Jimmie Sr. Julia Goodnight
 Sample ID #: B77-Well2 Address: 625 Leonard Rd.
 Sample Date: 6-1-15 City: Salisbury

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Well Water Information and Use Recommendations

For Inorganic Chemical Contaminants

County: Rowan Name: Hubert & Peggy Shelby
 Sample ID #: 1385 Address: 2560 Long Ferry Rd.
 Sample Date: 6-3-15 City: Salisbury

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Water Quality Regional Operations Section

- Sodium levels exceed the U.S. Environmental Protection Agency's (USEPA) Health Advisory Level for sodium of 20 mg/L. The North Carolina Division of Public Health recommends that only individuals on no or low sodium restricted diets not use this water for drinking or cooking. It may be used for washing, cleaning, bathing, and showering.
- 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.

This form is applicable only to drinking water wells tested as specified by Session Law 2014-122S (Senate Bill 729) 130A-309.209

For further information, please contact the Occupational and Environmental Epidemiology Branch at 919-707-5900

*At 0.07 µg/L of hexavalent chromium in drinking water, the lifetime cancer risk for an adult is one in one million. At this level of risk, one additional case of cancer is projected in a population of one million people exposed to hexavalent chromium over their lifetime. A daily lifetime exposure to vanadium that exceeds 0.3 µg/L may result in an increased non-cancer health risk.



Well Water Information and Use Recommendations

For Inorganic Chemical Contaminants

County: Rowan Name: Michael & Elizabeth Moore
 Sample ID #: B90 Address: 2435 Liberty Ferry Rd.
 Sample Date: 6-5-15 City: Salisbury

TEST RESULTS AND USE RECOMMENDATIONS

1. The following substance(s) exceeded the North Carolina Health Screening Level, and may result in an increased health risk.* In order to reduce or eliminate this increased health risk, the North Carolina Division of Public Health recommends that your well water not be used for drinking and cooking. However, it may be used for washing, cleaning, bathing and showering. While this recommendation represents the maximum in health protection, your well would still meet all the criteria of the federal Safe Drinking Water Act for public drinking water sources.

Iron, Vanadium, Zinc, hexavalent chromium

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2. Sodium levels exceed the U.S. Environmental Protection Agency's (USEPA) Health Advisory Level for sodium of 20 mg/L. The North Carolina Division of Public Health recommends that only individuals on no or low sodium restricted diets not use this water for drinking or cooking. It may be used for washing, cleaning, bathing, and showering.
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Well Water Information and Use Recommendations

For Inorganic Chemical Contaminants

County: Name:

Sample ID #: Address:

Sample Date: City:

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Vanadium, hexavalent chromium

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Well Water Information and Use Recommendations

For Inorganic Chemical Contaminants

County: Name:

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Sample Date: City:

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Vanadium

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Public

Well Water Information and Use Recommendations

For Inorganic Chemical Contaminants

County: New Hanover Name: Southern Industrial Consultants
 Sample ID #: S 18 Address: 136 RAYMOND DR
 Sample Date: 5-14-15 City: Wilmington

TEST RESULTS AND USE RECOMMENDATIONS

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Vanadium

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★ If you have any questions relating to the health risks of the constituents identified in this health risk evaluation please call Pri Rudo

Revised April 2015 at 919-707-5911