

WATER SUPPLY
2014 JUN 12 PM 1:01

MISSISSIPPI STATE DEPARTMENT OF HEALTH
BUREAU OF PUBLIC WATER SUPPLY
CCR CERTIFICATION
CALENDAR YEAR 2013

Pelucia Rural Water Assn., Inc.

682 CR 23

Public Water Supply Name

Greenwood, MS 38930

080003, 080004, 080015, 080017

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community public water system to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. **You must mail, fax or email a copy of the CCR and Certification to MSDH. Please check all boxes that apply.**

Customers were informed of availability of CCR by: *(Attach copy of publication, water bill or other)*

Advertisement in local paper (attach copy of advertisement)

On water bills (attach copy of bill)

Email message (MUST Email the message to the address below)

Other _____

Date(s) customers were informed: ____/____/____, ____/____/____, ____/____/____

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used _____

Date Mailed/Distributed: ____/____/____

CCR was distributed by Email (MUST Email MSDH a copy)

Date Emailed: ____/____/____

As a URL (Provide URL _____)

As an attachment

As text within the body of the email message

CCR was published in local newspaper. *(Attach copy of published CCR or proof of publication)*

Name of Newspaper: The Greenwood Commonwealth

Date Published: ____/____/____

CCR was posted in public places. *(Attach list of locations)*

Date Posted: 6/9/14

CCR was posted on a publicly accessible internet site at the following address **(DIRECT URL REQUIRED)**:

Office of Pelucia Rural Water Assn
682 CR 23 Greenwood, MS.

CERTIFICATION

I hereby certify that the 2013 Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

Louisa Davis
Name/Title (President, Mayor, Owner, etc.)
Office Clerk

6/12/2014
Date

Deliver or send via U.S. Postal Service:
Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

May be faxed to:
(601)576-7800

May be emailed to:
Melanie.Yanklowski@msdh.state.ms.us

MPW
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2013 Annual Drinking Water Quality Report
Pelucia Rural Water Association, Inc.
PWS#: 080003, 080004, 080015 and 080017
June 2014

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Tallahatta Formation and the Meridian Upper Wilcox Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Pelucia Rural Water Association have received a lower susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Charles Mims at 662.458.3762. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Monday of each month at 6:00 PM at the Pelucia office building.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2013. In cases where monitoring wasn't required in 2013, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

| PWSID # 0080003 | | TEST RESULTS | | | | | | |
|---------------------------------|---------------|---------------------|----------------|--|------------------|------|-------|--|
| Contaminant | Violation Y/N | Date Collected | Level Detected | Range of Detects or # of Samples Exceeding MCL/ACL | Unit Measurement | MCLG | MCL | Likely Source of Contamination |
| Inorganic Contaminants | | | | | | | | |
| 10. Barium | N | 2011* | .046 | No Range | ppm | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| 17. Lead | N | 2009/11* | 1 | 0 | ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |
| Disinfection By-Products | | | | | | | | |

| | | | | | | | | |
|----------|---|------|-----|----------|------|---|----------|---|
| Chlorine | N | 2013 | 1.1 | .8 – 1.5 | mg/l | 0 | MRDL = 4 | Water additive used to control microbes |
|----------|---|------|-----|----------|------|---|----------|---|

PWS ID#: 0080004

TEST RESULTS

| Contaminant | Violation Y/N | Date Collected | Level Detected | Range of Detects or # of Samples Exceeding MCL/ACL | Unit Measurement | MCLG | MCL | Likely Source of Contamination |
|-------------|---------------|----------------|----------------|--|------------------|------|-----|--------------------------------|
|-------------|---------------|----------------|----------------|--|------------------|------|-----|--------------------------------|

Inorganic Contaminants

| | | | | | | | | |
|------------|---|----------|------|----------|-----|-----|--------|--|
| 10. Barium | N | 2011* | .044 | No Range | ppm | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| 14. Copper | N | 2011* | .2 | 0 | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| 17. Lead | N | 2009/11* | 1 | 0 | ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |

Disinfection By-Products

| | | | | | | | | |
|----------|---|------|---|----------|------|---|----------|---|
| Chlorine | N | 2013 | 1 | .8 – 1.5 | mg/l | 0 | MRDL = 4 | Water additive used to control microbes |
|----------|---|------|---|----------|------|---|----------|---|

PWS ID#: 0080015

TEST RESULTS

| Contaminant | Violation Y/N | Date Collected | Level Detected | Range of Detects or # of Samples Exceeding MCL/ACL | Unit Measurement | MCLG | MCL | Likely Source of Contamination |
|-------------|---------------|----------------|----------------|--|------------------|------|-----|--------------------------------|
|-------------|---------------|----------------|----------------|--|------------------|------|-----|--------------------------------|

Inorganic Contaminants

| | | | | | | | | |
|---------------------------|---|----------|-------|----------|-----|-----|--------|--|
| 10. Barium | N | 2011* | .047 | No Range | ppm | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| 14. Copper | N | 2011* | .1 | 0 | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| 15. Cyanide | N | 2011* | 57.77 | No Range | ppb | 200 | 200 | Discharge from steel/metal factories; discharge from plastic and fertilizer factories |
| 17. Lead | N | 2009/11* | 2 | 0 | ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |
| 20. Nitrite (as Nitrogen) | N | 2013 | .25 | No Range | ppm | 1 | 1 | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits |

Disinfection By-Products

| | | | | | | | | |
|----------|---|-------|----|----------|------|---|----------|--|
| 81. HAA5 | N | 2011* | 2 | No Range | ppb | 0 | 60 | By-Product of drinking water disinfection. |
| Chlorine | N | 2013 | .5 | .5 - 1 | mg/l | 0 | MRDL = 4 | Water additive used to control microbes |

PWS ID#: 0080017

TEST RESULTS

| Contaminant | Violation | Date | Level | Range of Detects | Unit | MCLG | MCL | Likely Source of |
|-------------|-----------|------|-------|------------------|------|------|-----|------------------|
|-------------|-----------|------|-------|------------------|------|------|-----|------------------|

| | Y/N | Collected | Detected | or # of Samples Exceeding MCL/ACL | Measurement | | | Contamination |
|---------------------------------|-----|-----------|----------|-----------------------------------|-------------|-----|----------|--|
| Inorganic Contaminants | | | | | | | | |
| 10. Barium | N | 2011* | .044 | No Range | ppm | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| 14. Copper | N | 2009/11* | .3 | 0 | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| 17. Lead | N | 2009/11* | 1 | 0 | ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |
| Disinfection By-Products | | | | | | | | |
| Chlorine | N | 2013 | 1 | .5 – 1.5 | mg/l | 0 | MRDL = 4 | Water additive used to control microbes |

* Most recent sample. No sample required for 2013.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Pelucia Rural Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

PROOF OF PUBLICATION

STATE OF MISSISSIPPI,
CITY OF GREENWOOD,
LEFLORE COUNTY

See
attached

Before me, Eddie Ray, A Notary Public,

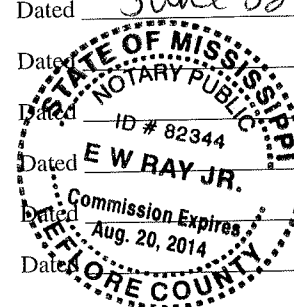
of said County, personally appeared Klen Turner
Clerk of the Greenwood Commonwealth, a newspaper published in Leflore
County, who, on oath, stated that the notice attached hereto

was published in said newspaper for 1

times, beginning June 22 20 14, and ending

June 22 20, 14, in the following issues, to wit:

| | | | |
|-----------------|----------------|----------------------|--------------|
| Vol. <u>118</u> | No. <u>147</u> | Dated <u>June 22</u> | 20 <u>14</u> |
| Vol. _____ | No. _____ | Dated _____ | 20 _____ |
| Vol. _____ | No. _____ | Dated _____ | 20 _____ |
| Vol. _____ | No. _____ | Dated _____ | 20 _____ |
| Vol. _____ | No. _____ | Dated _____ | 20 _____ |
| Vol. _____ | No. _____ | Dated _____ | 20 _____ |



Printer's Fee \$ _____ Clerk's Fee _____

Klen Turner Clerk

Sworn to and subscribed before me, this 27th day of

June 20 14

Eddie Ray Jr.
Notary Public

Palouse Rural Water Association, Inc.
PWS# 080003, 080004, 080015 and 080017
April 2014

It pleased to provide to you the most current Quality Water Report. This report is designed to inform you about the quality of water and how we protect it to ensure you have a safe and dependable supply of drinking water. We want you to understand the efforts we make to continuously improve the water treatment process and protect our water resources. We use scientific methods to ensure the quality of your water. Our water comes from water flowing from the Yakama-Tompson and the Mullan-Lower-Willapa Aquifers.

The source water assessment has been completed for your public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination & report containing detailed information on how the susceptibility determinations were made has been forwarded to our public water system and is available for viewing upon request. The work for the Palouse Rural Water Association have received a low susceptibility rating to contamination.

If you have any questions about this report or concerning your water safety, please contact Cheryl Hays at 801.878.5752. We will not charge customers to be informed about their water safety. If you wish to meet more, please attend any of our regularly scheduled meetings. They are held on the second Monday of each month at 6:00 PM at the Palouse office building.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. The table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2013. In cases where monitoring wasn't required in 2013, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity, microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife. Inorganic contaminants, such as nitrates and nitrites, which can be found in natural deposits or from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming practices and herbicides, which may come from agricultural and urban runoff, pesticides, herbicides, insecticides from urban lawn care and maintenance, volatilized organic chemical contaminants, including household products, oil and petroleum products, and other industrial, agricultural, and residential uses. Inorganic and organic chemical contaminants, including herbicides and pesticides, may be present in water provided by public water systems. As drinking water, including bottled drinking water, may be exposed to air during distribution, it can become contaminated with iron, manganese, and other substances. It is important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowable" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLG as is feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. This is designed to ensure the addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per billion (ppb) or Micrograms per liter (μ g/l) - one part per billion corresponds to one minute in two years or a single penny in \$10,000,000. **Parts per million (ppm) or Milligrams per liter (mg/l)** - one part per million corresponds to one minute in two years or a single penny in \$10,000,000.

PWS ID # 080003 TEST RESULTS

| Contaminant | Violation Yr | Date Collected | Level Detected | Range of Detections or # of Samples Exceeding MCL/ACT | Unit Measurement | MCLG | MCL | AL | Likely Source of Contamination |
|---------------------------------|--------------|----------------|----------------|---|------------------|------|----------|----|--|
| Inorganic Contaminants | | | | | | | | | |
| 10. Barium | N | 2011 | 048 | No Range | ppm | 2 | 2 | | Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits |
| 17. Lead | N | 200911 | 1 | 0 | ppb | 0 | AL=15 | | Corrosion of household plumbing systems, erosion of natural deposits |
| Disinfection By-Products | | | | | | | | | |
| Chlorine | N | 2013 | 1.1 | 0 - 1.8 | mg/l | 0 | MRDL = 4 | | Water additive used to control microbes |

PWS ID# 080004 TEST RESULTS

| Contaminant | Violation Yr | Date Collected | Level Detected | Range of Detections or # of Samples Exceeding MCL/ACT | Unit Measurement | MCLG | MCL | AL | Likely Source of Contamination |
|---------------------------------|--------------|----------------|----------------|---|------------------|------|----------|----|---|
| Inorganic Contaminants | | | | | | | | | |
| 10. Barium | N | 2011 | 044 | No Range | ppm | 2 | 2 | | Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits |
| 14. Copper | N | 2011 | 2 | 0 | ppm | 1.3 | AL=1.3 | | Corrosion of household plumbing systems, erosion of natural deposits, leaching from metal preservatives |
| 17. Lead | N | 200911 | 1 | 0 | ppb | 0 | AL=15 | | Corrosion of household plumbing systems, erosion of natural deposits |
| Disinfection By-Products | | | | | | | | | |
| Chlorine | N | 2013 | 2 | 0 - 1.5 | mg/l | 0 | MRDL = 4 | | Water additive used to control microbes |

PWS ID# 080015 TEST RESULTS

| Contaminant | Violation Yr | Date Collected | Level Detected | Range of Detections or # of Samples Exceeding MCL/ACT | Unit Measurement | MCLG | MCL | AL | Likely Source of Contamination |
|---------------------------------|--------------|----------------|----------------|---|------------------|------|----------|----|---|
| Inorganic Contaminants | | | | | | | | | |
| 10. Barium | N | 2011 | 047 | No Range | ppm | 2 | 2 | | Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits |
| 14. Copper | N | 2011 | 1 | 0 | ppm | 1.3 | AL=1.3 | | Corrosion of household plumbing systems, erosion of natural deposits, leaching from metal preservatives |
| 15. Cyanide | N | 2011 | 0.77 | No Range | ppm | 200 | 200 | | Discharge from industrial facilities, discharge from plating and further finishing |
| 17. Lead | N | 200911 | 2 | 0 | ppb | 0 | AL=15 | | Corrosion of household plumbing systems, erosion of natural deposits |
| 22. Nitrate (as Nitrogen) | N | 2013 | 33 | No Range | ppm | 0 | 1 | | Runoff from fertilizer use, leachate from agricultural operations, erosion of natural deposits |
| Disinfection By-Products | | | | | | | | | |
| 3. Trihalo Methane | N | 2011 | 0 | No Range | ppm | 0 | 50 | | By-product of drinking water disinfection |
| Chlorine | N | 2013 | 0 | 0 - 1 | mg/l | 0 | MRDL = 4 | | Water additive used to control microbes |

PWS ID# 080017 TEST RESULTS

| Contaminant | Violation Yr | Date Collected | Level Detected | Range of Detections or # of Samples Exceeding MCL/ACT | Unit Measurement | MCLG | MCL | AL | Likely Source of Contamination |
|---------------------------------|--------------|----------------|----------------|---|------------------|------|----------|----|---|
| Inorganic Contaminants | | | | | | | | | |
| 10. Barium | N | 2011 | 044 | No Range | ppm | 2 | 2 | | Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits |
| 14. Copper | N | 200911 | 3 | 0 | ppm | 1.3 | AL=1.3 | | Corrosion of household plumbing systems, erosion of natural deposits, leaching from metal preservatives |
| 17. Lead | N | 200911 | 1 | 0 | ppb | 0 | AL=15 | | Corrosion of household plumbing systems, erosion of natural deposits |
| Disinfection By-Products | | | | | | | | | |
| Chlorine | N | 2013 | 0 | 0 - 1.5 | mg/l | 0 | MRDL = 4 | | Water additive used to control microbes |

**Last record number. No sample required for 2013.*

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not the drinking water meets health standards, in an effort to ensure systems comply with monitoring requirements. ACHD now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the quality of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds. If you're using drinking water for drinking or cooking, you can minimize the potential for lead exposure by boiling your water. Boiling water does not remove lead from drinking water. For more information on how to minimize exposure to lead in drinking water, visit the EPA's website at www.epa.gov/lead. If you are concerned about lead in your water, you may wish to have your water tested. For more information on testing methods, and steps you can take to minimize exposure to lead in drinking water, visit the EPA's website at www.epa.gov/lead. Please contact our health and environmental department at 801.878.5752 if you wish to have your water tested.