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MISSISSIPPI STATE DEPARTMENT OF HEALTH  
BUREAU OF PUBLIC WATER SUPPLY  
CCR CERTIFICATION  
CALENDAR YEAR 2015

LORNA - Lemon - Burns Water Association  
Public Water Supply Name

650003

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: Smith County Reformer

Date Published: 5 / 18 / 2016

CCR was posted in public places. *(Attach list of locations)* Date Posted:   /  /  

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

**CERTIFICATION**

I hereby certify that the 2015 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.

*Pat Henderson Secretary*  
Name/Title (President, Mayor, Owner, etc.)

6-6-16  
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:

water.reports@msdh.ms.gov

**CCR Due to MSDH & Customers by July 1, 2016!**

2016 MAY 18 PM 4: 22

2015 Annual Drinking Water Quality Report  
 Lorena Lemon Burns Water Association  
 PWS#: 0650003  
 May 2016

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 Sparta Sand Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified 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 Lorena Lemon Burns Water Association have received lower susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Sam Shirley at 601.480.0338. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the annual meeting scheduled for Monday, August 8, 2016 at 7:00 PM at the water office.

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 we detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2015. In cases where monitoring wasn't required in 2015, 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.

## TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2013*	.0595	.0007 - .0595	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

13. Chromium	N	2013*	5	2.5 – 5	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2012/14*	.9	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2012/14*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2015	.21	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

### Disinfection By-Products

81. HAA5	N	2013*	1	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2013*	2.59	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2015	1.5	1.01– 1.99	mg/l	0	MDRL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2015.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

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 Lorena Lemon Burns 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.

**2015 ANNUAL DRINKING WATER QUALITY REPORT**  
**LORENA LEMON BURNS WATER ASSOCIATION**  
**PWS#: 0650003**  
**MAY 2016**

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D # 0650003

**TEST RESULTS**

Violations	Date Collected	Level Collected	Range of Detects or Detected # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
N	2013*	.0595	.0007 - .0595	ppm	2	2	Discharge of drilling wastes; discharge from metal ref.; erosion of natural dep.

2013*	N	5	2.5-5	ppb	100	100	Discharge from steel & pulp mills; erosion natural deposits.
2012/14*	N	9	0	ppm	13	AL=13	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
2012/14*	N	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits.
2015	N	.21	No Range	ppm	10	10	Runoff from fertilizer use, leaching from septic tanks, sewage; erosion of natural deposits.

**By-Products**

2013*	N	1	No Range	ppb	0	60	By-Product of drinking water disinfection.
2013*	N	2.59	No Range	ppb	0	80	By-product of drinking water chlorination.
2015	N	1.5	1.01-1.99	mg/l	0	MDRL=4	Water additive used to control microbes.

recent sample. No sample required for 2015.

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**PROOF OF PUBLICATION**

**The State of Mississippi,  
County of Smith**

PERSONALLY CAME before me, the undersigned a Notary Public in and for SMITH COUNTY, MISSISSIPPI the OFFICE CLERK of the SMITH COUNTY REFORMER, a newspaper published in the Town of Raleigh, Smith County, in said State, who being duly sworn, deposes and says that the SMITH COUNTY REFORMER is a newspaper as defined and prescribed in § 13-3-31 of the Mississippi Code 1972 Annotated and that the publication of a notice, of which the annexed is a copy, in the matter of

Lorena Lemon Burns Water Association- Water Report

has been made in said paper 1 times consecutively, to-wit:

On the 18 day of May 2016

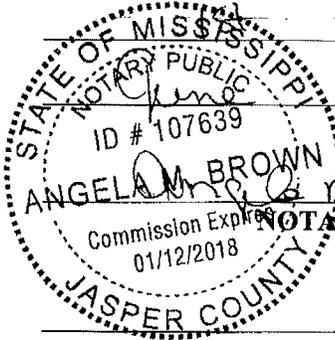
On the \_\_\_\_\_ day of \_\_\_\_\_ 2016

On the \_\_\_\_\_ day of \_\_\_\_\_ 20 16

On the \_\_\_\_\_ day of \_\_\_\_\_ 2016

*Felicia Earnest*  
OFFICE CLERK

SWORN to and subscribed before me, this the

\_\_\_\_\_ day of \_\_\_\_\_ 2016  
  
ANGELA M. BROWN  
NOTARY PUBLIC  
Commission Expires 01/12/2018  
JASPER COUNTY

Words

Cost

It has dried up enough in the community for me to mow all of my yard. In places the grass looked like hay. I was able to mow it on Wednesday morning and it looks much better now.

The sing at Mineral Springs last Saturday evening featuring 'Calm Assurance' was very enjoyable and being there was time well spent. Bob Arender helped the group sing one song and he did a great job. If you ever get a chance to hear the group, I believe you will really enjoy them. The meal after the sing was very good also.

Sunday Morning our services included Mother's Day and Baccalaureate time. Our seniors were Alissa Sartor and Evan Webb. Alissa is the daughter of Melissa and Randy Sartor. She was a Mississippi Scholar, and received an ACT Scholarship to JCJC. Evan Webb is the son of Lisa and Chris Webb. Evan was a Mississippi Scholar with scholarship offers from Milsaps and JCJC. These two scholars are to be commended for their achievements and I wish the best for them in the future.

Bro. Sidney Davis led our Bible study at Mineral Springs on Monday night. He did a great job.

Steve Johnson is in intensive care now with a severe lung infection. Would you please place him in your prayers.

Visitors at Unity Methodist Church on Mother's Day were Carroll and Elaine Hankins' daughter, Connie, and her husband, Kerry Atwood, and their daughters, Katie and Kelsey and her family.

Joey Singleton and Lona, Sam and Lily attended with Rodger and Blenda Singleton.

It was nice to see them honoring their mothers and grandmothers.

Johnny and Carolyn Barr had a busy and exciting week supporting their granddaughter Emily Vowell. They went to Madison for the Lady Tartars.

**Sardis**

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