

MISSISSIPPI STATE DEPARTMENT OF HEALTH
 BUREAU OF PUBLIC WATER SUPPLY
 CCR CERTIFICATION FORM
 CALENDAR YEAR 2012

2013 JUN 21 AM 10:52

Cedar Grove-Harmony Water Association
 Public Water Supply Name

#0460002

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. Since this is the first year of electronic delivery, we request you mail or fax a hard copy of the CCR and Certification Form 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 Columbian-Progress

Date Published: 06/13/2013

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 2012 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.

Daniel R. Woodard Cert. Operator
 Name/Title (President, Mayor, Owner, etc.)

06/20/2013
 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

2013 JUN 17 PM 2: 56

2012 Annual Drinking Water Quality Report
Cedar Grove Harmony Water Association
PWS#: 0460002
June 2013

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 Miocene 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 Cedar Grove Harmony Water Association have received moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact David Woodward at 601.441.2040. 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 first Thursday of the month at 6:30 PM at 338 Pittman Rd., Columbia, MS 39429.

We routinely monitor for constituents 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, 2012. In cases where monitoring wasn't required in 2012, 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 for 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
Inorganic Contaminants								
10. Barium	N	2012	.039	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2012	2.5	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits

14. Copper	N	2010/12	.13	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2012	.376	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2010/12	1	0	ppb	0	AL=1.5	Corrosion of household plumbing systems, erosion of natural deposits
Volatile Organic Contaminants								
66. Ethylbenzene	N	2012	.827	No Range	ppb	700	700	Discharge from petroleum refineries
76. Xylenes	N	2012	.004	.0008 - .004	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories
Disinfection By-Products								
81. HAA5	N	2010*	10	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2010*	1.64	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2012	1.1	.9 - 1.4	mg/l	0	MRDL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2012.

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 Association 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.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the CEDAR GROVE HARMONY WATER ASSN. is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 1. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 25%.

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.

*******April 1, 2013 MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING*******

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has completed the monitoring requirements and is now in compliance with the Radionuclides Rule. If you have any questions, please contact Karen Walters, Director of Compliance & Enforcement, Bureau of Public Water Supply, at 601.576.7518.

The Cedar Grove Harmony 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.

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PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI
COUNTY OF MARION

Personally appeared before me, the undersigned Notary Public, in and for the County and State aforesaid, **Susan Amundson** who being by me and duly sworn, states on oath that she is Legal Clerk of the Columbian-Progress, a newspaper published in the City of Columbia, State and County, aforesaid, and that the publication of the notice, a copy of which is hereto attached, has been made in said paper 1 time(s), as follows:

In Vol. 111 No. 47 Date 13 day of June, 2013
In Vol. 111 No. _____ Date _____ day of _____, 2013
In Vol. 111 No. _____ Date _____ day of _____, 2013
In Vol. 111 No. _____ Date _____ day of _____, 2013

See attached

Signed *Susan Amundson*
Susan Amundson

Sworn to and subscribed before me, this 13 day of June, 2013.

Bonnie Hudson
Bonnie Hudson, Notary Public



(SEAL)

3 x 11 @ \$10.50 = 346.50
No. words _____ at _____ Total \$ _____
Proof of Publication \$3.00
Total Cost..... \$ 349.50

Cemetery, Dr. Bryant Barnes and the Rev. Wayne Ward will officiate at the services. Visitation will be from 6:30 p.m. until 9 p.m. on Thursday, June 13 at Hathorn Funeral Home.

A native of Lebanon, Ind., he was an electrical engineer, a member of First Baptist Church in Columbia and served in the U.S. Army during WWII. He was preceded in death by his parents, Cecil and Bessie Laffin.

Survivors include his wife, Betty Jo Laffin of Columbia; daughter, Lucretia Reid of Columbia; brother, George Laffin of Kokomo, Ind.; three grandchildren, Abigail Mechtenburg of Worcester, Mass., Daniel Reid of Monterey, Calif. and Nathanael Reid of Spring, Texas and three great grandchildren, Hannah, Ambrose and Cyril Mechtenburg.

Hathorn Funeral Home is in charge of the arrangements.

MARVIN BRACEY ROWLEY
84, Kokomo

Funeral services were held at 3 p.m. on Tuesday, June 11, 2013 in the chapel of Colonial Funeral Home for Mrs. Marvin Bracey Rowley, 84, of Kokomo, who died Sunday, June 9 at her residence. Interment was in the Darburn Cemetery. Dr. Ron Jordan officiated at the services. Visitation was held from 5:30 p.m. until 9 p.m. on Monday, June 10 at Colonial Funeral Home.

A native of Lawrence County, she worked at Pioneer Aerospace for 45 years and was a member of Holly Springs Baptist Church. She was preceded in death by her first husband, J.C. Bracey; second husband, Hugh Rowley; grandson, Jonathan Bracey; sisters, Eunice McDaniel and Eula Dunsaway and brothers, Hollis, James and Bob Dunsaway.

Survivors include daughter, Judy Clifford (Rick) of Kokomo; step-daughters, Shirley McKenzie of Columbia, Toni McKenzie of Kokomo and Linda Neal (Ames) of Foxworth; son, Buddy Bracey (Linda) of Sandy Hook; four grandchildren; six step-grandchildren; four great grandchildren; one great-great grandchild and many other friends and family.

Online condolences may be offered at www.colonial-funeralhomes.com.

Cemetery, Bro. Wayne Ward and Bro. Tom Thurman officiated at the services.

She was a loving mother, grandmother, aunt and sister. She was a longtime member of the Golden Acres Club. Keep Columbia Beautiful Committee and was involved in many civic organizations in Columbia. She was a dedicated pool worker for Beat 1 for many years and volunteered her services for 28 years at Marion General Hospital where she was over the teen volunteers for several years and was awarded the Spirit of Volunteering Award for 6,000 hours of service.

She was active at First Baptist Church in several ministries including serving as its kindergarten director, preschool director, Sunday school teacher, was a chaperone for many youth trips and a BALL Club member.

She loved all kinds of nature and enjoyed working in her yard as well as sharing her beautiful flowers with her church and others. She enjoyed a full, loving, active Christian life, which she shared with everyone who had the privilege of knowing her.

She was preceded in death by her husband, Davis Hayes Williams; son, Kenny Stewart; parents, Mixon and Elodia Alexander Stewart; brothers, Irvin, Ben, Rewitt, Charles, Ford and Shelby Stewart and sisters, Emma Mae Stewart and Lena Pearl Kyzar.



Thank You

On behalf of the Woodson and Magee Families, we would like to take this opportunity to thank the Marion County General staff, Cook and Galloway staff, the Pioneer Aerospace family, the Rev. I. Brown and the Owens Chapel Church family, and to each and everyone of you that provided prayers, food, donations and moral support. Each of you transformed our pain into healing by sharing your expressions. It is our prayers that our Heavenly Father will hold you in His arms with an extra hold.

Thank you,
The Danielle Woodson families

2012 Annual Drinking Water Quality Report Cedar Grove Harmony Water Association PWS#0460002
June 2013

We're pleased to present to you the year's Annual Quality Water Report. This report is designed to inform you about the safety, water and services we deliver to you every day. Our main goal is to provide you with a safe and dependable supply of drinking water. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the upper Aquifer.

The source water assessment has been completed for the public water system to determine the overall adequacy of its drinking water supply. The assessment includes a report containing detailed information on how the local public water system meets the requirements of the Safe Drinking Water Act. The report is available for viewing upon request. The web for the report is located at www.cedar-grove-harmony.com.

If you have any questions about the report or concerning your water safety, please contact David Woodward at 601-441-2040. We want our valued customers to be informed about their water supply. Please attend any of our regular scheduled meetings. They are held on the first Thursday of the month at 6:30 PM at 335 Pomeroy Rd., Columbus, MS 39202.

We regularly 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, 2012. In cases where monitoring was not required in 2012, the table reflects the most recent results. As water travels over the surface of land or underground, it naturally carries with it various minerals and nutrients. These include calcium and magnesium. Other substances that can be naturally found in water include iron, manganese, nitrate, nitrite, and ammonia. These substances are not harmful to health. However, they can affect the taste and odor of your water. Some substances, such as lead and copper, can be harmful to health. They can also affect the taste and odor of your water. Some substances, such as lead and copper, can be harmful to health. They can also affect the taste and odor of your water.

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

- Adopt 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 adverse health effects. MCLG is set at 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 for control of microbial contaminants.
- Maximum Residual Disinfectant Level Goal (MRDLG)** - The level of a drinking water disinfectant below which there is no known or expected adverse health effects. MCLG is set at a margin of safety to control microbial contaminants.

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

TEST RESULTS

Contaminant	Volume (gals)	Date Collected	Level Detected	Range of Detects or All Samples	Unit	MCL	MCLG	MRDL	MRDLG	Level/Source of Contamination
Inorganic Contaminants										
10. Nitrate	10	2012	0.00	0.00	ppm	10	10	10	10	Discharge from animal wastes, fertilizer, and other sources
11. Nitrite	10	2012	0.00	0.00	ppm	1.0	1.0	1.0	1.0	Discharge from animal wastes, fertilizer, and other sources
Volatile Organic Contaminants										
Disinfection By-Products										
14. Total THM's	10	2012	0.00	0.00	ppm	0.10	0.10	0.10	0.10	By-product of disinfection process
15. Haloacetic Acids (HAA5)	10	2012	0.00	0.00	ppm	0.06	0.06	0.06	0.06	By-product of disinfection process
16. Halomethanes	10	2012	0.00	0.00	ppm	0.00	0.00	0.00	0.00	By-product of disinfection process

All you can see by the table, our system has no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have passed through our monitoring and testing that some contaminants have been detected however the EPA requires us to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are not available until the next time we test. We're committed to providing you with the highest quality of water possible. We're committed to providing you with the highest quality of water possible. We're committed to providing you with the highest quality of water possible.