

2013 AUG 30 PM 3: 36

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

Town of Artesia

Public Water Supply Name

44001

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: Commercial Dispatch

Date Published: 6 / 2 / 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.

Jimmy Sands
Name/Title (President, Mayor, Owner, etc.) Mayor

8/26/2013
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

(Handwritten mark)

ACTIVE WATER SUPPLY
2013 AUG 30 PM 3: 36

"2012 Annual Drinking Water Quality Report"

Town of Artesia

PWS ID: 0440001

May 29, 2013

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source is three wells. Our wells draw from the Coker and the Gordo Aquifers.

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 Town of Artesia have received lower to moderate rankings to contaminations.

I'm pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Robert Ashley at 662-386-2944. We want our valued customers to be informed about their water utility. If you want to learn more, please attend one of our regular meetings, on the first Tuesday night of each month at 5:00 p.m. at The Town Hall.

The Town of Artesia routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2012. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. 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 pose a health risk.

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

Maximum Contaminant Level Goal (MCLG) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

2013 AUG 30 PM 3:36

Maximum Contaminant Level - 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 - 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.

MRDL: Maximum residual disinfectant level. 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

Parts per million (ppm) – Milligrams per liter (mg/L).

Parts per billion (ppb) – Micrograms per liter (ug/L).

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
Disinfectants & Disinfection By-Products (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine C12 (ppm)	N	2012	1.40	0.50 – 1.80	Ppm	4	4	Water additive used to control microbes
Inorganic Contaminants								
Barium	N	2012	.035	No-range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	N	2012	5.7	No-range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Fluoride	N	2012	.124	No-range	Ppm	4.0	4.0	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Copper	N	*2011	.424	.007 - .424	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	N	*2011	1.6	0.0 – 1.6	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits

*Most recent sample. No sample was required in 2012

During 2012 we were required to send in the Consumer Confidence Report (CCR) by July 1, 2012. We failed to do this by the deadline but have since been returned to compliance.

*** A 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. Some public water supplies reported

sampling by the scheduled deadline; however, during an audit of the Ms. 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, MSHD 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.

*****Additional Information for Lead*****

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. The Town of Artesia 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>. 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 (800-426-4791).

Your CCR will not be mail to you; however you can obtain a copy at the Town Hall. Please call (662)-272-5104 if you have questions.

RECEIVED-WATER SUPPLY
2013 JUN 17 PM 3:50

STATE OF MISSISSIPPI,

County of Lowndes

PERSONALLY CAME before me, the undersigned, a notary public in and for Lowndes County, Mississippi, the CLERK of the Commercial Dispatch, a newspaper published in the City of Columbus, who, being duly sworn, deposes and says that the COMMERCIAL DISPATCH is a newspaper as defined and prescribed in Section 13-3-31 of the Mississippi Code of 1972, as amended effective July 1, 1976, and that the publication of a notice, of which the annexed is a copy, in the matter of

has been made in said paper 3 times consecutively, to-wit:

1 06/02/2013

Kim Yarb
Clerk

SWORN TO and subscribed before me, this
2nd day of June, 2013



Barbara Carol Talley
Notary Public

PROOF OF PUBLICATION
in
THE COMMERCIAL DISPATCH
Columbus, MS

In the Case of

Filed Proof _____, 20__

2012 Annual Drinking Water Quality Report - Town of Artesia

FWQID: 0040000 May 22, 2013

Recently placed in your hands is this year's Annual Water Quality Report. We want to help you understand the information contained in this report so you can make the most of it. The goal is to help you understand the quality of your water and the health of the water supply system. The Town of Artesia reports results for 100 public water systems in Lowndes County, Mississippi. The results are presented in this report. The information is presented in a way that is easy to understand. The information is presented in a way that is easy to understand. The information is presented in a way that is easy to understand.

TEST RESULTS

Contaminant	Units	Year	Level Exceeded	Level Detected	Range of Health or Aesthetic Concerns	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<i>(There is conclusive evidence that inhibition of disinfection is necessary for control of microbial contaminants.)</i>									
Inorganic Contaminants									
Chlorine	mg/l	2012	1.49	0.50 - 1.10	None	ppm	4	4	Water additive used to control microbes
Iron	mg/l	2012	0.55	None	None	ppm	2	2	Discharge of drilling waste, discharge from metal refineries; erosion of natural deposits
Chloride	mg/l	2012	5.3	None	None	ppm	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Fluoride	mg/l	2012	1.24	None	None	ppm	4.0	4.0	Discharge from steel and pulp mills; erosion of natural deposits
Copper	mg/l	2011	4.24	0.01 - 0.24	None	ppm	1.1	1.1	Discharge from steel refineries; erosion of natural deposits
Lead	mg/l	2011	1.6	0.0 - 1.6	None	ppm	0	1.5	Discharge from steel refineries; erosion of natural deposits

No recent sample. No sample was required in 2012.

During 2012 we were required to send to the Consumer Confidence Report (CCR) by July 1, 2013. We failed to do so and therefore have been placed in non-compliance.

Message from MSOH regarding microbiological sampling. In accordance with the Mississippi Code, all water utilities are required to sample and analyze for total coliform bacteria, fecal coliform bacteria, and E. coli. The State Department of Health (SDH) is responsible for enforcing the Code and for providing technical assistance to water utilities. All water utilities are required to submit a copy of their annual sampling results to the SDH. The SDH will review the results and provide feedback to the water utility. The SDH will also provide technical assistance to water utilities. The SDH will also provide technical assistance to water utilities.

Additional information for lead. If you are concerned about lead in your drinking water, you can contact the State Department of Health (SDH) at 1-800-438-4971. The SDH will provide information on how to test for lead in your drinking water. The SDH will also provide information on how to reduce lead in your drinking water. The SDH will also provide information on how to reduce lead in your drinking water.

to consult in the case of any contamination. This presence of total coliform bacteria and fecal coliform bacteria in your drinking water is a health risk. Please inform us about any contamination of your drinking water by calling the International Protective Agency (IPA) at 1-800-438-4971. Some people may be more vulnerable to contamination in drinking water than the general population. Immunocompromised persons such as persons with cancer, undergoing chemotherapy, persons who have undergone organ donation, some infants, and persons who are pregnant or nursing are more vulnerable to contamination in drinking water than the general population. Please contact the IPA at 1-800-438-4971 for more information. The IPA will provide information on how to reduce lead in your drinking water. The IPA will also provide information on how to reduce lead in your drinking water.