

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

JUN 24 PM 2:59

Silvan Water Association
Public Water Supply Name

130004, 130015, 130016, 130017, 130023
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: 6/1/13, 7/1/13, 1/1

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

Date Mailed/Distributed: 1/1

- CCR was distributed by Email (MUST Email MSDH a copy) Date Emailed: 1/1
 - 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: Daily Times Leader

Date Published: 6/19/13

CCR was posted in public places. *(Attach list of locations)* Date Posted: 1/1

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.

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

6-19-13
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.Yankowski@msdh.state.ms.us

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2012 Drinking Water Quality Report**Is my water safe?**

Last year, as in years past, your tap water met all U.S. Environment Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. This report is a snapshot of last years water quality. Included are details about where your water comes from, what it contains and how it compares to standards set by regulatory agencies. We are committed to providing the best information about the quality of your drinking water.

Do I need to take special precautions?

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 for infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by microbial contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791.

Where does my water come from?

Our water comes from 8 different wells that draw from the Eutaw, Gordo and McShan Aquifers.

Source water assessment and its availability:

Our source water assessment is available on request.

Why are there contaminants in my drinking water?

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 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

How can I get involved?

Our board members meet the 2nd Monday of every month at 5:00 pm at the Siloam Water Office. Our annual meeting is the 1st Monday in April. The exact time and place will be printed on your water bill. This is a very important meeting and we encourage all of our members to attend.

Siloam Water Contact Information
Willie Davenport – Certified Operator
P.O. Box 224
West Point, Ms 39773
662-494-1852

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. Siloam 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 for \$10.00 per sample. Please contact 601-576-7582 if you wish to have your water tested.

******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. 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 not completed the monitoring requirements. The Bureau of Public Water Supply has taken action to ensure that your water system be returned to compliance by March 31, 2013. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518.

**Monitoring and Reporting of Compliance Data Violations
Significant Deficiencies**

System ID: MS130016 and MS130004

During a sanitary survey conducted on 7/27/2012, the Mississippi Department of Health cited the following significant deficiencies:

Inadequate internal cleaning/maintenance of storage tanks

Corrective actions: MSDH is currently working with this system to return them to compliance since the expiration of the compliance deadline. It is anticipated we will be returned to compliance by June 1, 2013.

Term	Definition
ppm	parts per million, or milligrams per liter (mg/l)
ppb	parts per billion, or micrograms per liter (ug/l)
MCL-Maximum Contaminant Level	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
MCLG-Maximum Contaminant Level Goal	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.
TT-Treatment Technique	A required process intended to reduce the level of a contaminant in drinking water.
AL-Action Level	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
MRDLG-Maximum Residual Disinfection Level Goal	The level of a drinking water disinfectant below which there is no known or expected risk to health. MCLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL-Maximum Residual Disinfection 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.

Inorganic and Radioactive Contaminants

BARIUM

Well	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date
Beasley I/Beasley II	130016	2	2	0.03	No	Dec-12
Gates/Griffith	130015	2	2	0.03	No	Dec-12
Ivy Village	130004	2	2	0.03	No	May-11
Pine Bluff	130017	2	2	0.07	No	May-11
Una/Muldon	130023	2	2	0.04	No	Dec-12

Typical Source: Discharge of drilling waste and metal refineries.
Erosion of natural deposits.

FLOURIDE

Well	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date
Beasley I/Beasley II	130016	4	4	0.69	No	Dec-12
Gates/Griffith	130015	4	4	0.58	No	Dec-12
Ivy Village	130004	4	4	0.83	No	May-11
Pine Bluff	130017	4	4	0.10	No	May-11
Una/Muldon	130023	4	4	0.28	No	Dec-12

Typical Source: Erosion of natural deposits. Additive which promotes strong teeth. Discharge from fertilizer.

LEAD

Well	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date
Beasley I/Beasley II	130016	0	15	0.002	No	Jun-11
Gates/Griffith	130015	0	15	0.003	No	Jul-11
Ivy Village	130004	0	15	0.003	No	Jul-11
Pine Bluff	130017	0	15	0.001	No	Jul-11
Una/Muldon	130023	0	15	0.002	No	Jul-11

Typical Source: Corrosion of household plumbing systems. Erosion of natural deposits.

COPPER

Well	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date
Beasley I/Beasley II	130016	1.3	1.3	0.40	No	Jun-11
Gates/Griffith	130015	1.3	1.3	0.10	No	Jul-11
Ivy Village	130004	1.3	1.3	0.10	No	Jul-11
Pine Bluff	130017	1.3	1.3	0.10	No	Jul-11
Una/Muldon	130023	1.3	1.3	0.10	No	Jul-11

Typical Source: Corrosion of household plumbing systems. Erosion of natural deposits.

CYANIDE

Well	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date
Beasley I/Beasley II	130016	0.2	0.2	0.01	No	Aug-11
Gates/Griffith	130015	0.2	0.2	0.01	No	Jun-11
Ivy Village	130004	0.2	0.2	0.01	No	Aug-11
Pine Bluff	130017	0.2	0.2	0.01	No	Aug-11
Una/Muldon	130023	0.2	0.2	0.01	No	Aug-11

Typical Source: Discharge from steel/metal factories. Discharge from plastic and fertilizer factories.

NITRATE/NITRATE

Well	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date
Beasley I/Beasley II	130016	10	10	0.1	No	Oct-12
Gates/Griffith	130015	10	10	0.1	No	Oct-12
Ivy Village	130004	10	10	0.1	No	Jan-11
Pine Bluff	130017	10	10	0.1	No	Jan-11
Una/Muldon	130023	10	10	0.1	No	Oct-12

Typical Source: Runoff from fertilizer use; leaching from septic tanks and sewage. Erosion of natural deposits.

HALOACETIC ACID HAA5

Well	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date
Beasley I/Beasley II	130016	0.06	0.06	0.01	No	Jul-12
Gates/Griffith	130015	0.06	0.06	0.06	No	Jun-11
Ivy Village	130004	0.06	0.06	0.06	No	Aug-11
Pine Bluff	130017	0.06	0.06	0.06	No	Aug-11
Una/Muldon	130023	0.06	0.06	0.06	No	Aug-11

Typical Source: Disinfection Bi-product

TRICHALOMETHANE TTHM

Well	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date
Beasley I/Beasley II	130016	0.08	0.08	0.04	No	Jul-12
Gates/Griffith	130015	0.08	0.08	0.04	No	Jun-11
Ivy Village	130004	0.08	0.08	0.04	No	Aug-11
Pine Bluff	130017	0.08	0.08	0.04	No	Aug-11
Una/Muldon	130023	0.08	0.08	0.01	No	Aug-11

Typical Source: Disinfection Bi-product

URANIUM

Well	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date
Beasley I/Beasley II	130016	5	5	0.05	No	Jul-12
Ivy Village	130004	5	5	0.06	No	Nov-11
Pine Bluff	130017	5	5	0.05	No	Jul-12
Gates/Griffith	130015	5	5	0.05	No	Jul-12
Una/Muldon	130023	5	5	0.05	No	Jul-12

Typical Source: Erosion of natural deposits.

Chlorine-

Well	PWS ID#	MCLG	MCL	Your Water	Low	High	Sample Date	Violation
Beasley I/Beasley II	130016	4	4	0.10	0.10	0.10	2012	N
Gates/Griffith	130015	4	4	0.15	0.10	0.20	2012	N
Ivy Village	130004	4	4	0.10	0.10	0.10	2012	N
Pine Bluff	130017	4	4	0.10	0.10	0.10	2012	N
Una/Muldon	130023	4	4	0.10	0.10	0.10	2012	N

Typical Source : Water additive used to control microbes. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Inorganic and Radioactive Contaminants

2013 Drinking Water Quality Report

Is my water safe?

Most tap water in the United States is safe to drink. The U.S. Environmental Protection Agency (EPA) and the U.S. Department of Health and Human Services (HHS) set standards for drinking water. The report is a snapshot of last year's compliance with these standards. For more information on what you can do to protect your drinking water, visit www.epa.gov/groundwater.

Do I need to take special precautions?

Some people may be more sensitive to contaminants in drinking water than the general population. Infants, young children, pregnant women, and the elderly are more vulnerable. People with kidney disease, immune system disorders, some cancer, and those on dialysis are also more vulnerable. For more information on what you can do to protect your drinking water, visit www.epa.gov/groundwater.

Where does my water come from?

Our water comes from a variety of sources. The primary source is the Clinch River. Other sources include Lake Mead, Clinch Mountain Reservoir, and various wells. For more information on what you can do to protect your drinking water, visit www.epa.gov/groundwater.

Source water assessment and its availability:

Why are these contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some inorganic and organic substances. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by visiting the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-6767.

How can I get involved?

Our board members meet the 3rd Monday of every month at 6:00 pm at the Salem Water Office. Our annual meeting is the 1st Monday of April. The next meeting will be held on your water bill. This is a very important meeting and we encourage all of our members to attend.

Water Contact Information
 Water Director: Carolyn Oppenheimer
 P.O. Box 224
 West Point, MO 65073
 620-421-1432

ARSENIC

Well	PWS ID#	MCLG	MCL	Year	Volume	Sample Date
Reservoir #1	130016	0.05	0.05	2012	0.03 mg/L	Jun-11
Reservoir #2	130017	0.05	0.05	2012	0.03 mg/L	Jun-11
by Village	130018	0.05	0.05	2012	0.03 mg/L	May-11
by Well	130019	0.05	0.05	2012	0.03 mg/L	May-11
by Well	130020	0.05	0.05	2012	0.03 mg/L	May-11
by Well	130021	0.05	0.05	2012	0.03 mg/L	May-11

Typical Source: Discharge of mining waste and natural seepage.

FLUORIDE

Well	PWS ID#	MCLG	MCL	Year	Volume	Sample Date
Reservoir #1	130016	0.7	1.0	2012	0.40 mg/L	Jun-11
Reservoir #2	130017	0.7	1.0	2012	0.40 mg/L	Jun-11
by Village	130018	0.7	1.0	2012	0.40 mg/L	May-11
by Well	130019	0.7	1.0	2012	0.40 mg/L	May-11
by Well	130020	0.7	1.0	2012	0.40 mg/L	May-11
by Well	130021	0.7	1.0	2012	0.40 mg/L	May-11

Typical Source: Discharge of natural deposits. Additive which provides healthy teeth. Discharge from fertilizer.

LEAD

Well	PWS ID#	MCLG	MCL	Year	Volume	Sample Date
Reservoir #1	130016	0.01	0.01	2012	0.00 mg/L	Jun-11
Reservoir #2	130017	0.01	0.01	2012	0.00 mg/L	Jun-11
by Village	130018	0.01	0.01	2012	0.00 mg/L	May-11
by Well	130019	0.01	0.01	2012	0.00 mg/L	May-11
by Well	130020	0.01	0.01	2012	0.00 mg/L	May-11
by Well	130021	0.01	0.01	2012	0.00 mg/L	May-11

Typical Source: Discharge of natural deposits.

COPPER

Well	PWS ID#	MCLG	MCL	Year	Volume	Sample Date
Reservoir #1	130016	1.3	1.3	2012	0.40 mg/L	Jun-11
Reservoir #2	130017	1.3	1.3	2012	0.40 mg/L	Jun-11
by Village	130018	1.3	1.3	2012	0.40 mg/L	May-11
by Well	130019	1.3	1.3	2012	0.40 mg/L	May-11
by Well	130020	1.3	1.3	2012	0.40 mg/L	May-11
by Well	130021	1.3	1.3	2012	0.40 mg/L	May-11

Typical Source: Discharge of natural deposits.

CYANIDE

Well	PWS ID#	MCLG	MCL	Year	Volume	Sample Date
Reservoir #1	130016	0.07	0.07	2012	0.01 mg/L	Jun-11
Reservoir #2	130017	0.07	0.07	2012	0.01 mg/L	Jun-11
by Village	130018	0.07	0.07	2012	0.01 mg/L	May-11
by Well	130019	0.07	0.07	2012	0.01 mg/L	May-11
by Well	130020	0.07	0.07	2012	0.01 mg/L	May-11
by Well	130021	0.07	0.07	2012	0.01 mg/L	May-11

Typical Source: Discharge from industrial facilities. Discharge from mining and fertilizer facilities.

AMMONIUM NITRATE

Well	PWS ID#	MCLG	MCL	Year	Volume	Sample Date
Reservoir #1	130016	0.5	0.5	2012	0.01 mg/L	Jun-11
Reservoir #2	130017	0.5	0.5	2012	0.01 mg/L	Jun-11
by Village	130018	0.5	0.5	2012	0.01 mg/L	May-11
by Well	130019	0.5	0.5	2012	0.01 mg/L	May-11
by Well	130020	0.5	0.5	2012	0.01 mg/L	May-11
by Well	130021	0.5	0.5	2012	0.01 mg/L	May-11

Typical Source: Discharge from industrial facilities. Discharge from mining and fertilizer facilities.

AMMONIUM NITRATE

Well	PWS ID#	MCLG	MCL	Year	Volume	Sample Date
Reservoir #1	130016	0.5	0.5	2012	0.01 mg/L	Jun-11
Reservoir #2	130017	0.5	0.5	2012	0.01 mg/L	Jun-11
by Village	130018	0.5	0.5	2012	0.01 mg/L	May-11
by Well	130019	0.5	0.5	2012	0.01 mg/L	May-11
by Well	130020	0.5	0.5	2012	0.01 mg/L	May-11
by Well	130021	0.5	0.5	2012	0.01 mg/L	May-11

Typical Source: Discharge from industrial facilities. Discharge from mining and fertilizer facilities.

AMMONIUM NITRATE

Well	PWS ID#	MCLG	MCL	Year	Volume	Sample Date
Reservoir #1	130016	0.5	0.5	2012	0.01 mg/L	Jun-11
Reservoir #2	130017	0.5	0.5	2012	0.01 mg/L	Jun-11
by Village	130018	0.5	0.5	2012	0.01 mg/L	May-11
by Well	130019	0.5	0.5	2012	0.01 mg/L	May-11
by Well	130020	0.5	0.5	2012	0.01 mg/L	May-11
by Well	130021	0.5	0.5	2012	0.01 mg/L	May-11

Typical Source: Discharge from industrial facilities. Discharge from mining and fertilizer facilities.

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25-6 HW 1 - TWP CLUB RD
 SHERKREE SEHRT

25-6 HW 1 - TWP CLUB RD
 SHERKREE SEHRT

1-4-1480000 06/09 06/11
 WEST POINT, MO 65073
 620-421-1432

1-4-1480000 06/15/2013
 WEST POINT, MO 65073
 620-421-1432