MISSISSIPPI STATE DEPARTMENT OF HEALTHAY 23 AM 8: 30
BUREAU OF PUBLIC WATER SUPPLY 2015 HAY 23 AM 8: 30
CCR CERTIFICATION FORM
CALENDAR YEAR 2012
Certify A A A SSN.
Public Water Supply Name 40027 4井0040028
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.

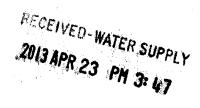
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper (attach copy of advertisement)  On water bills (attach copy of bill)  Email message (MUST Email the message to the address below)  Other
	Date(s) customers were informed:/,/
	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)  As a URL (Provide URL  As an attachment  As text within the body of the email message
X	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper: The Star Herald
	Date Published: <u>05 / 15 / 13</u>
	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 ( <b>DIRECT URL REQUIRED</b> ):
I her publithe Sthe Dep	TIFICATION Teby certify that the 2012 Consumer Confidence Report (CCR) has been distributed to the customers of this ic water system in the form and manner identified above and that I used distribution methods allowed by SDWA. I further certify that the information included in this CCR is true and correct and is consistent with water quality monitoring data provided to the public water system officials by the Mississippi State artment of Health, Bureau of Public Water Supply.  **Buttle Mayor, Owner, etc.)**  5-22-13  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. Yanklowski@msdh.state.ms.us

#### 2012 Annual Drinking Water Quality Report Springdale Youth Center Water Association PWS#: 0040027 & 0040028 April 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 providing you with information because informed customers are our best allies. Our water is purchased from the City of Kosciusko that has wells drawing from the Meridian Upper Wilcox Aquifer.

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 City of Kosciusko have received a moderate ranking in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility come by the water office or call Arnold Lowe at 662.289.7534. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the second Monday of the month at 9:00 AM at the office located at 4634 Attala Rd 4171, Kosciusko, MS.

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.

<b>PWS ID # 0</b>	040027		TEST	RESULTS				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contam	inants						
10. Barium	N	2011*	.044	.027044	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2009/11*	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2011*	1.19	.868 – 1.19	ppm	4	4	Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer and aluminum factories

17. Lead	N	2009/1	1* 3	0	pp	b	0 AL=	15 Corrosion of household plumbing systems, erosion of natural deposits
Disinfection	n By-	Product	S					
81. HAA5	N	2011*	5	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2011*	1.28	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2012	1	.9– 1.2	ppm	0	MRDL = 4	Water additive used to control microbes

Contaminant	Violation	Date	Level		nge of Detects or Unit		MCLG	MC	L	Likely Source of Contamination
	Y/N	Collected	Detected	# of Samples Exceeding MCL/ACL/MRDL		Measure -ment				
Inorganic (	Contam	inants								
10. Barium	N	2011*	.044	.027044		ppm	2		2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2009/11*	.5	0		ppm	1.3	AL=	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2011*	1.19	.868 – 1.19		ppm	2		4	Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2009/11*	4	0		ppb	C	AL=	15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfection	n By-Pr	oducts								
81. HAA5	N 2	2011* 3		lo Range	ppb		0	60		-Product of drinking water sinfection.
82. TTHM [Total trihalomethanes]	N 2	2011* 2	1.58	lo Range	ppb		0	80		-product of drinking water lorination.
Chlorine	N 2	2012 1		9- 1.1	ppm		0 MI	RDL = 4		ater additive used to control crobes

<sup>\*</sup> 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 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.

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 microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the City of Kosciusko 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 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 77%.

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

In accordance with the Radionuclides Rule, all community public water supplies were requires 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 Springdale Youth Center 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.

# Statement

RECEIVED-WATER SUPPLY

Date: May 16, 2013

2013 MAY 23 AM 8: 31

Comm Expires

To: Springdale Youth Center Water Association Post Office Box 162 Kosciusko, Mississippi 39090

For publication of described notice, copy of which is attached.

Ad Space 3x14 Times 1 and making proof, \$216.00

Payment received from \_\_\_\_\_

(Clerk)

The Star-Herald 207 North Madison St. Kosciusko, MS 39090

## PROOF OF PUBLICATION

## STATE OF MISSISSIPPI COUNTY OF ATTALA

Personally came before me, the undersigned, a NOTARY PUBLIC in and for Attala County, Mississippi, the CLERK of The Star-Herald, a newspaper published in the City of Kosciusko, Attala County, in said state, who, being duly sworn deposes and says that The Star-Herald is a newspaper as defined and described in Senate Bill No. 203 enacted at the regular session of the Mississippi Legislature of 1948, amended Section 1858, of the Mississippi Code of 1942, and that the publication of a notice, of which the annexed is a copy, in the matter of 2012 Annual Drinking Water Quality Report, has been published in said newspaper 1 time, to-wit:

On the 16th day of May, 2013

SWORN TO AND SUBSCRIBED before me, this\_\_\_\_\_\_

day of  $\mathcal{M}_{\alpha \varphi}$  , 201

(Notary Public)

# Statement

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On the 16th day of May, 2013

ID No 69007

March 3, 2015

(Clerk)

SWORN TO AND SUBSCRIBED before me, this\_

(Notary Public)

#### 2012 Annual Drinking Water Quality Repor Springdale Youth Center Water Asso PWS#: 0040027 & 0040028 April 2013

With pleased to present to you this year's Annual Causary Weier Report. This report is designed to Inform you should the quality water and sendous we delived to your owny day. Our constant goal is to provide you with a sale and dependable supply of disting water. We want you to reclease the other woman has to constraintly properly the water freshment process and provided our water resources. We are commontated to providing value information because informed customers are our best affect our water is prunched from the City of Koscusko shall has works denoting the contraction should be considered providing that has works denoting the contraction should be considered providing that has works denoting the contraction should be considered providing that has works denoting the contraction should be considered providing that has works denoting from the tention because inform denoting the common of the contraction of the contraction provided that the contraction of the contraction provided that the contraction of the contraction of

any quasions about this report or concerning your water utility come by the vaster office or call Armost Lowe at 552.289 (75.14. We want our owners to be informed about filled water cristy. If you want to learn more, please join us at any of our regularly scheduled meetings. They are scoord shorted or the more is at 90 AM at the office boards at 4554 Artista R4117, Moscokoto, MS.

held on the second Mending of the meeth at 800 AM at the office located at 4504 Artists Red 4171, Kosciusto, MS.

We footblook more for contiluence in the your desking suitar according to Federage and State leave. This table below fisis all of the drinking waster containments that were destended during the period of January 1<sup>11</sup> to Destricted 31<sup>12</sup>, 2012. It makes where monitoring wasnit required in 2012, the labels reflects the more corner invalue. As well break to read the control of and or undergoint of, Relabelsher anticipity counting or transmitted yours and strong received and the second of the control of and or undergoint of, Relabelsher anticipity counting or transmitted to from the activity microbial controlled and the second of the seco

Action Level - the concentration of a contembrant which, if exceeded, triggers treatment or other requirements which a water system

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in deriving water, set up 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 contention to criticity water below which the expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Lovel (MRDL) — The highest lovel of a disinfectant allowed in chinking water. There is a of a disinfectant is necessary for control inforcess contaminants.

Maximum Residual Disinfectant Level Gost (MRDLG) -- The level of a drinking water drisnfectant below which there is no known or expe-heath. MRDLGs do not reflect the benefits of the use of districtions to control introblat contaminants.

Parts per million (ppm) or Milligrams per Nor (mg/l) - one part per million corresponds to one minute in two years of a single periny in \$10,000.

PWS ID # 00	140027		1123	T RESULTS	28 72	10/14/15/15	0.0	100	100	
Conteminant	Violation Y/N	Date Collected	Level Datacte	Range of Detacts of # of Samples Exceeding MCUACUMRDL		Unit Measure -mont	M	X,G	MC	Likely Source of Contemination
Inorganic	Contan	inants								
10. Barkan	N	2011*	,044	.027044		ррт		2		Discharge of drilling wastes: discharge from metal reference; erosion of natural deposits
14. Copper	н	2000/111	4	0		ppm .		1.3	AL*	1.3 Corrosion of household plumbing systems; erosion of natural deposits; leacing from wood presonatives
18. Flyoride	,	2011*	1.19	.868 1.19		ppm		4		Erosion of natural deposits; wate gridding which promotes strong teeth; discharge from feriblish and aluminum factories
17. Lead	H	2009/11*	3	0		pp)		°	AL•	15 Corresion of household plumbing systems, erosion of natural deposits
Disinfectio	n By-Pı	roducts								
81, HAA5	N	2031*	5	No Range	ppb		0		60	By-Product of drinking water, disinfection.
62. TTHM (Total trihalomethanes)	M	2011"	1.28	No Range	ppb		٥		60	By-product of drinking water chlorination.
Chiorina	N	2012		9 1.2	pom		0	MRC	1 = 4	Water additive used to control microbes

PWS ID#0	04002	3	ğ S. S.	TEST RESU	LIS			Chic See Land and Section 1889
Contaminant	Violation Y/N	Date Collected	Lovel Detected	Range of Detects of # of Samples Exceeding MCUACL/MRDL	Messuro -moni	MCLG	MCL	Likely Source of Contemination
Inorganic (	Contan	inants						
10. Barium	N	2011*	.044	.027044	ppm	2		<ol> <li>Discharge of drilling wastes; discharge from metal refractes; erosion of natural deposits</li> </ol>
14. Copper	N	2009/11*	.5	0	ppm	1.3	'AL+1	<ol> <li>Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives</li> </ol>
18. Fluoride	N	2011"	1,19	.868 1.19	ppm	<b>4</b>	د و در ده	4 Erosion of natural deposits; water sociative which promotes strong toeth; discharge from ferbilder and eluminum factories.
17. Leed	N S	2009/11"	4	0	ppb	0	Ale	15 Corresion of household plumbing systems, erosion of natural deposits
Disinfection	By-P	roducts	1	200				
61, HAAS	N	2011*	3 7 7 7	io Range pp		0	60	By-Product of drinking water disinfection.
62_TYHM [Total trihalomethages]	N	2011	2.68	io Range ppi		0	60	By-product of drinking water chlorination
Chiorine	N	2012		P-1.1 pp	n	O MF	DL = 4	Water additive used to control microbes

<sup>\*</sup> 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 vester IS SAFE at these levels.

our a universe menu.
We are required to modulor your drinking water for specific constituents on a mentity basis, Results of regular monitoring are an indicate
not our drinking water meets beach standards. In an effort to ensure systems complete oil monitoring requirements, NSOM now notities a
missing samples prior to the end of the compliance perior.

missing samples prior to the end of the complaince period.

If present, elevated levels of listed can cause serious health problems, especially for pragnant women and young children. Lead in direkting water is primary from materials and compounds succided with service lines and home primating. Our water system is responsible for providing high quality enhances of the control country for several hours, you can remote the partial of for set expense by flaming your hourself or providing completely. You can remote the partial for feet expense by flaming your hourself water feet. Otherwise, or the country of the countr

As access of distribing water are subject to conceive constraints by substances that are instruction counting or max made. These substances can be microses, long-such or opposite chemicals and reliciously substances. All distribing water, including bottom water, may reasonably be expected to notified a least small surround a form constraints. The presence of contaminants or expected production about contaminants and potential health affects can be obtained by calling the Environmental Protection Agency's Safe Dirinking Water Hollins of 1400-04-0719.

Some people may be more vulnerable to contaminants in drinking water than the general population, formuno-compromised pictors such as present with cancer underpoling chemicitary, persons who have underpose organ fransplated, people with HM/MIDS or other femiume system disorders, some studing, and others can be particularly at risk from infections. These peoples should seek elicine should seek upwarf from titler flactions. These peoples should seek elicine should

To comply with the "Regulation Governing Flooridation of Community Walter Supplies", the City of Kossicalso is required to report portaining to fluoridation of our water system. The number of months in the previous calendat year is which overage fluoride satisfies residently lead in the previous calendat year that year that year within the ord 97.1.3 ppm was 77.

or 0.7-1.3 ppm was 77%.

April 1, 2013 MESSACE FROM MSDH CONCERNING PADIO, ODICAL BARPH MOTOR
To soccrdance with the Radiovocidise Risk, all commonly public water supply some register is assigned pathoff for administration of the Machine Control of the

The Springdale Youth Center Water Association works eround the clock to provide top quality water to every tap. We ask that all our customers holp us protect our vater sources, which are the heart of our community, our way of life and our children's future.