

2012 JUN 26 AM 9:00

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORMHarland Creek w/A

Public Water Supply Name

0260009, 0260022, 0260039

List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act 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 to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please Answer the Following Questions Regarding the Consumer Confidence Report

- Customers were informed of availability of CCR by: (*Attach copy of publication, water bill or other*)
- Advertisement in local paper
On water bills
 Other _____

Date customers were informed: 6/21/2012

- CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed: / /

- CCR was published in local newspaper. (*Attach copy of published CCR or proof of publication*)

Name of Newspaper: Holmes County HeraldDate Published: / /

- CCR was posted in public places. (*Attach list of locations*)

Date Posted: / /

- CCR was posted on a publicly accessible internet site at the address: www. _____

CERTIFICATION

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. 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.

William J. Sells
Name/Title (President, Mayor, Owner, etc.)

** 6-24-2012*
Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215
Phone: 601-576-7518

2011 Annual Drinking Water Quality Report
 Harland Creek Water Association
 PWS ID#s 0260009, 0260022, 0260039
 June 2012

We are pleased to present to you this year's Annual Drinking Water Quality Report. This report is a snapshot of last year's water quality. Included are details about from where your water comes, what it contains, and how it compares to standards set by regulatory agencies. 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 continuously improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water and to providing you with this information, because informed customers are our best allies. Our water source is groundwater. Our wells draw from the Meridian Upper Wilcox and Tallahala Formation aquifers.

A Source Water Assessment has been completed for our public water system to determine the overall susceptibility of the drinking water supply and to identify potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water supply and is available upon request. The wells for The Harland Creek Water Association have received lower to moderate susceptibility rankings.

If you have any questions about this report or concerning your water, please contact William L. Spell at 662-834-2382. 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 at the Corning Community Center on the Second Tuesday of each month. The annual meeting is held the third Monday of April at 7:30 PM at the Corning Community Center.

We routinely monitor for over 150 contaminants in your drinking water according to Federal and State laws. The table below lists all the drinking water contaminants that we detected in the last round of sampling for the particular contaminant group. Unless otherwise noted, the data presented in this table is from testing done January 1 through December 31, (2011). As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. All drinking water, including bottled water may be reasonably expected to contain at least small amounts of some constituents. The presence of contaminants does not necessarily indicate that 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:

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 (ug/L) - One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

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

Maximum Contaminant Level (MCL) - 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 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.

TEST RESULTS

PWS ID# 0260009

Inorganic Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range Low High	MCLG	MCL	Likely Source of Contamination
Barium (ppm)	*2009	N	0.0015	NO RANGE	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium (ppb)	*2009	N	1.375	NO RANGE	100	100	Discharge from steel and pulp mill; erosion of natural deposits
Copper (ppm) (90 th percentile)	2009/11	N	0.1	1.3	AL=1.3		Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb) (90 th percentile)	2009/11	N	1	0	AL=15		Corrosion of household plumbing systems; erosion of natural deposits

Radioactive Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	MCLG	MCL	Likely Source of Contamination
Beta/Photon emitters (MCL)	*2009	N	1.1	0	50	Decay of natural and man-made deposits

Disinfectants and Disinfection Byproducts Contaminants

Contaminant (units)	MCL/MRDL Violation Y/N	Your Water (AVG)	Range Low High	MCLG	MCL	Likely Source of Contamination
THM4 (ppb) [Total Trihalomethanes]	N	26.9	NO RANGE	N/A	80	By-product of drinking water chlorination
HAA5 (ppb) [Total Haloacetic Acids]	N	25.0	NO RANGE	N/A	60	By-product of drinking water disinfection
Chlorine (ppm)	N	0.70	0.4-0.8	MRDLG = 4	MRDL = 4	Water additive used to control microbes

*Most Recent Sample. No sample required for 2011

PWS ID# 0260022

Inorganic Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range Low High	MCLG	MCL	Likely Source of Contamination
Barium (ppm)	*2009	N	0.0005	NO RANGE	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

Lead and Copper Contaminants

Contaminant (units)	Sample Date	Your Water	# of sites found above the AL	MCLG	MCL	Likely Source of Contamination
Copper (ppm) (90 th percentile)	2009/11	0.4	0	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb) (90 th percentile)	2009/11	2	0	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits

Disinfectants

Contaminant (units)	Your Water (AVG)	Range Low High	MCLG	MCL	MRDLG	MRDL	Likely Source of Contamination
Chlorine (ppm)	N	0.60	0.5-0.6	MCLG = 4	MRDL = 4	MRDL = 4	Water additive used to control microbes

*Most Recent Sample. No sample required for 2011

PWS ID# 0260039

Inorganic Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range Low High	MCLG	MCL	Likely Source of Contamination
Barium (ppm)	*2009	N	0.007	NO RANGE	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium (ppb)	*2009	N	1.7	NO RANGE	100	100	Discharge from steel and pulp mill; erosion of natural deposits

Lead and Copper Contaminants

Contaminant (units)	Sample Date	Your Water	# of sites found above the AL	MCLG	MCL	Likely Source of Contamination
Copper (ppm) (90 th percentile)	2009/11	0.6	0	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb) (90 th percentile)	2009/11	2	0	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits

PWS ID# 0260039 (continued)

Radioactive Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	MCLG	MCL	Likely Source of Contamination
Combined radium (pCi/L)	2011	N	0.704	0	5	Erosion of natural deposits

Disinfectants and Disinfection Byproducts Contaminants

Contaminant (units)	Your Water (AVG)	Range Low High	MCLG	MCL	Likely Source of Contamination	
THM4 (ppb) [Total Trihalomethanes]	N	2.75	NO RANGE	N/A	80	By-product of drinking water chlorination
HAA5 (ppb) [Total Haloacetic Acids]	N	3.0	NO RANGE	N/A	60	By-product of drinking water disinfection
Chlorine (ppm)	N	0.50	0.5-0.6	MRDLG = 4	MRDL = 4	Water additive used to control microbes

*Most Recent Sample. No sample required for 2011

A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING

In accordance with the Radionuclides Rule, all community public water systems 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.

We are required to monitor your drinking water for specific contaminants 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 samples prior to the end of the monitoring 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. Harland Creek Water Association is responsible for providing high quality

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 (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).

The Harland Creek 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.

There is a separate consumer confidence for customers who receive their water from the Harland Creek Water Association at Horseshoe (PWS ID# 0260043). The water for this area is purchased from the City of Tchula. This report is available for review and copies by contacting Mr. William Spell at (662) 834-2382.

This report is being published in the local newspaper and shall not be delivered as an individual mail out. However copies of this report are available and may be obtained from the contact info listed above.



MISSISSIPPI STATE DEPARTMENT OF HEALTH

TO: Public Water Supply Officials
FROM: Karen Walters, Director *KW*
Compliance and Enforcement
Bureau of Public Water Supply
RE: Sample Custody Seal and Packaging Requirements
DATE: December 7, 2011

The Public Health Laboratory has revised its sample submission requirements. Custody seals and an address label are now required on **all** samples, including bacteriological and fluoride, that are submitted to the Laboratory.

Enclosed are instructions for collection of microbiology (bacteriological) samples. In summary, fill the sample bottle to the appropriate level and complete a sample form for each sample; attach a corresponding barcode label to the bottle and form for each bacteriological or fluoride sample; affix two completed custody seals to every box; cover the custody seals with clear shipping tape; affix an address label to every box.

Bacteriological/Fluoride sampling supplies available from the local county health department:

- Boxes for 2 samples or 12 samples
- Bottles
- Custody seals
- Form 425 for bacteriological testing
- Form 428 for fluoride testing
- Address labels

As always, water system barcodes are available from the Bureau of Public Water Supply. Contact us if you have run out of barcodes and need to submit samples.

Please note the placement of custody seals on the "2 bottle" box in the photo attached. The return address label may be placed on the bottom of the box. Do not cover the custody seals with the address label.

Each public water system is responsible for packaging and submitting samples according to these requirements. Operators should always make an entry in the logbook when delivering samples to the county office. Effective January 1, 2012, samples received without proper custody seals will be rejected. Do NOT rely on county health department staff to package samples.

Please share this information with your certified waterworks operator. Should you have any questions or need any assistance, please contact our office at 601-576-7518.

PROOF OF PUBLICATION

2012 JUN 26 AM 9:00

HOLMES COUNTY HERALD

LEXINGTON, MISSISSIPPI

STATE OF MISSISSIPPI, HOLMES COUNTY

Personally appeared before me, the undersigned authority, Chancery Clerk of said County and State, Bruce Hill, publisher of a public newspaper called the Holmes County Herald established in 1959 and published continuously since that date in said County and State, who, being duly sworn, deposed and said that the notice, of which a true copy is hereto annexed, was published in said paper for 1 times, as follows, to wit:

Vol. 54, No. 25 the 21st
 day of JUNE, 2012

Vol. _____, No. _____ the _____
 day of _____, 2012

Vol. _____, No. _____ the _____
 day of _____, 2012

Vol. _____, No. _____ the _____
 day of _____, 2012

Vol. _____, No. _____ the _____
 day of _____, 2012

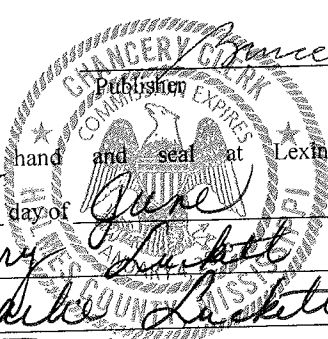
Witness my hand and seal at Lexington, Mississippi this
 the 21st day of June, 2012

Bruce Hill
 Publisher

Henry Luskett Chancery Clerk

by Charles Luskett _____ D.C.

36 INCHES words 1 times Amount \$ 240.00





MISSISSIPPI STATE DEPARTMENT OF HEALTH

*****IMMEDIATE RESPONSE REQUIRED*****

TO: Community Public Water Supply Officials
FROM: Melissa Parker, Deputy Director
Bureau of Public Water Supply
RE: 2012 Annual Water Supply Mailout
DATE: December 7, 2011

Enclosed are the materials necessary to update your 2012 public water supply information for our records. **Please share this with your certified waterworks operator.** It will not be mailed separately to him. In addition, we have included important information related to water sample packaging and submission requirements.

- **Annual Report**

You will notice this form has not been preprinted with information regarding your system. This form was updated to capture all of the information required by our office to send out correspondence, sampling kits and sample results. **Please note that our current data system limits each individual to one address and phone number.** For example, when completing the Legally Responsible Official information, the mayor/board president cannot list multiple addresses for the multiple systems he is associated with. Reports submitted with incomplete information will be returned. Please complete ALL sections and retain the yellow copy for your records. **The annual report form deadline is January 16, 2012.**

- **Additional Instructions for Metered and Unmetered Connections**

Refer to these instructions when completing the "Connection" information on the Annual Report.

- **Board Member Training Form**

This form must be completed to identify the members of your governing board (i.e., Board of Directors, City Council and Board of Alderman). The information on this form is used to ensure that board members obtain the 8 hours of management training now required by Section 41-26-101 of the MS Safe Drinking Water Act. **Those not governed by a board are not required to complete this form.** Systems operated by municipalities with a population greater than 10,000 **are not required to complete this form.**

- **Operator Training/Planning Calendar**

The Waterworks Operator Training/Planning Calendar may be found on the MSDH website at www.msdh.state.ms.us. Click on calendars. The calendar contains dates and times for trainings offered to operators or individuals seeking certification. Always check with the training providers to confirm dates and times.

- **Separate Mailing of Operator Data Form**

A **separate packet** has been mailed to all certified operators in the state. It includes a Waterworks Operator Annual Data Form which is also due January 16, 2012. Please remember if you are both an operator and a legally responsible official our data system limits an individual to a single mailing address.

Should you have any questions or need any assistance, please contact our office at 601-576-7518.