



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Ethel Rural Water Association
Public Water Supply Name

0040003

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.

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: 6/30/11

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: The Star Herald

Date Published: 6/29/11

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.

James Coyle - PRESIDENT
Name/Title (President, Mayor, Owner, etc.)

6-27-11
Date

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

Annual Drinking Water Quality Report
Ethel Rural Water Association
PWS ID # 0040003
June, 2011

We're pleased to present to you this year's Annual Water Quality 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 consists of two wells that draw from the Lower Wilcox Aquifer.

A source water assessment has been completed for the water supply to determine the overall susceptibility of its drinking water to identify potential sources of contamination.. The water supply for Ethel Rural Water Association received a lower susceptibility ranking to contamination.

We're 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 Galen Shumaker at 662-674-5353. 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 second Friday of every month at the Water Association office at 9:00 a.m.

Ethel Rural Water Association 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, 2010. 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.

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.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

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.

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
Inorganic Contaminants								
10. Barium	N	2008*	0.06	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
12. Cadmium	N	2008*	0.24	No Range	Ppb	5	5	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints
13. Chromium	N	2008*	8	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
16. Fluoride	N	2008*	0.1	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	0.70	None	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008*	3	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfectants & Disinfection By-Products								
Chlorine (as Cl ₂)	N		1.54	0.75 to 1.85	ppm	4	4	Water additive used to control microbes
73. TTHM [Total trihalo-methanes]	N	2008*	1	None	ppb	0	80	By-product of drinking water chlorination
HAA5	N	2008*	10	None	ppb	0	60	By-product of drinking water chlorination

*Most recent sample results available

Monitoring and Reporting of Compliance Data Violation(s):

The past year Ethel Rural Water Association failed to comply with the CCR Report Rule in that we failed to distribute the report by the date required. The report is ready and available for review. This did not pose a threat to the water system.

Significant Deficiencies:

During a sanitary survey conducted on 1/15/2010, the Mississippi Department of Health cited the following deficiency(s):

- 1) Inadequate security measures
- 2) Inadequate internal cleaning/maintenance of storage tanks
- 3) Lack of redundant mechanical components where treatment is required.

Corrective actions:

- 1) The system now has an Emergency Response Plan and Vulnerability Assessments on file. All deficiencies are scheduled to be completed by 4/12/2010.
- 2) The system is currently under a Bilateral Compliance Agreement with the Mississippi State Department of Health to inspect and/or clean and paint the tanks as necessary. All deficiencies are scheduled to be completed by 9/16/2011.
- 3) The system is currently under a Bilateral Compliance Agreement with the Mississippi State Department of Health to install the redundant chlorination equipment. All deficiencies are scheduled to be completed by

9/16/2011.

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. Ethel Rural 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 per sample. 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).

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Annual Drinking Water Quality Report
Ethel Rural Water Association
 PWS ID # 004003
 June 2011

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TEST RESULTS

Contaminant	Unit	Det. Method	Level	Range	Reg. Maximum	Action Level	MCL	MCLG	Health Source of Contamination
Inorganic Constituents									
As	ppm	200P	0.04	No Range	ppm	0.05	0.05	0.01	Discharge of mining wastes, discharge from coal processing plants, natural deposits
Ca	ppm	200P	254	No Range	ppm	175	175	175	Concentration of minerals from natural deposits
Cl	ppm	200P	8	No Range	ppm	250	250	250	Discharge from coal and pulp mills, natural deposits
Cr	ppm	200P	0.1	No Range	ppm	0.1	0.1	0.1	Discharge from various sources, natural deposits
Fe	ppm	200P	0.70	No Range	ppm	3.0	3.0	3.0	Discharge from various sources, natural deposits
Mn	ppm	200P	0.05	No Range	ppm	0.05	0.05	0.05	Discharge from various sources, natural deposits
Disinfectants & Disinfection By-Products									
Chlorine (as Cl ₂)	ppm	200P	1.54	0.7 to 1.8	ppm	4	4	4	Water additive used to control bacteria
THM4	ppm	200P	0.05	0.05	ppm	0.1	0.1	0.1	By-product of drinking water disinfection
Halocarbon	ppm	200P	0.05	0.05	ppm	0.1	0.1	0.1	By-product of drinking water disinfection

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Statement

RECEIVED-WATER SUPPLY

Date: June 30, 2011

2011 JUN 30 PM 2: 51

To: Ethel Rural Water Associations
12692 Attala Road 5053
Ethel, Mississippi 39067

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

Ad Space 3x15.5 Times 1 and making proof, \$235.50

Payment received from _____



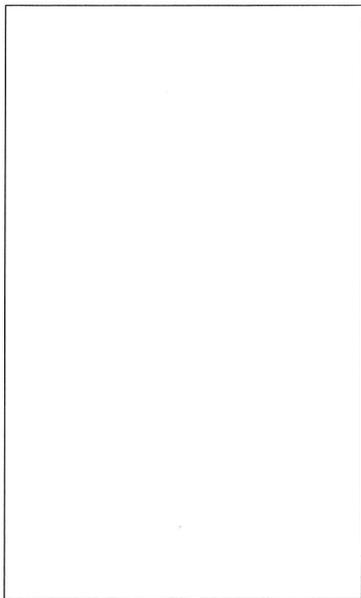
(Clerk)
The Star-Herald
207 North Madison St.
Kosciusko, MS 39090

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 **Ethel Rural Water Report**, have been published in said newspaper 1 time, to-wit:

On the 30th day of June, 2011


(Clerk)

SWORN TO AND SUBSCRIBED before me, this 30th

day of June, 2011.


(Notary Public)

2011 JUN 30 PM 2: 51

Ethel Rural Water Assoc.
P. O. Box 35
Ethel, MS 39067

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P. O. Box 35
Ethel, MS 39067

FIRST CLASS MAIL
U.S. POSTAGE PAID
KOSCIUSKO, MS 39090
PERMIT 225

Office 662 674-5353 Emergency 601 416-7402

Name Larry Benton

Account 16200

Meter 16200

Due Date 07/15

Penalty After 07/15

Current 00079900

Previous 00079900

Gallons 00000000

RI

CCR's are available
upon request

Date Meter Read

06/01/2013

Previous Balance	35.51
Pymnt/CR's	0.00
Total	35.51
Water Used	16.50
New Balance	19.01
Vol. FD Donation	0.00
Total Amount	19.01

Account Number 16200

Now Due	Save This	After: 07/15
None Due	1.90-	Pay This: 20.91-

Please Return This Stub for Proper Credit

Larry Benton
100 Bentonwood

Brandon, MS 39042