

2009 JUN 29 AM 9:48

APPROVED

BUREAU OF PUBLIC WATER SUPPLY
CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

GREEN ACRES WATER ASSOCIATION, INC.
Public Water Supply Name

0140007 - 0140013
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 / 22 / 09

- 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:

Date Published: / /

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

Date Posted: 6 / 22 / 09 Carnegie Public Library

- 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.

Handwritten signature and title: Name/Title (President, Mayor, Owner, etc.)

Handwritten date: Date

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

2008 Annual Drinking Water Quality Report

Green Acres Water Association, Inc. RECEIVED - WATER SUPPLY

PWS#: 0140007 & 0140013

May 2009

2009 JUN 29 AM 9: 48

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 ensuring the quality of your water. Our water source is from two 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 identified 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 system and is available for viewing upon request. The wells for the Green Acres Water Association have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Thomas E. Clayton, Jr. at 662-326-6921. 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 annually on the third Tuesday each August at 7:30 PM at the Coahoma City Court House – Supervisor's room.

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 we detected during for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2008. In cases where monitoring wasn't required in 2008, 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 rap 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.

**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.

PWS ID #: 0140007		TEST RESULTS						
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
8. Arsenic	N	2008	1	No Range	ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008	.009	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

14. Copper	N	2008	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2008	.268	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	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008	4.9	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

### Disinfection By-Products

81. HAA5	N	2008	25.25	22 - 32	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2008	77	56 - 92	ppb	0	80	By-product of drinking water chlorination.
✓ Chlorine	N	2008	.8	.6 - .8	ppm	0	MDRL = 4	Water additive used to control microbes

**PWS ID #: 0140013**

### TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination
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### Inorganic Contaminants

8. Arsenic	N	2006*	2.78	No Range	ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2006*	.016	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2006*	2	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008	1.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2006*	.434	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	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2006*	3.6	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

\* Most recent sample. No sample required for 2008.

\*\* Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.7 - 1.3 mg/l.

As you can see by the table, our system had no contaminate 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. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. 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 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 1-800-426-4791.

**\*\*\*\*\*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. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The Green Acres Water Association, Inc. 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.

**GREEN ACRES WATER ASSOCIATION**

Post Office Box 13  
Marks, MS 38646

June 22, 2009

Missie Craig, Director  
Carnegie Public Library  
P. O. Box 280  
Clarksdale, MS 38614

RE: Annual Consumer Confidence Report

Dear Ms. Craig:

Enclosed please find the Annual Consumer Confidence Report for Green Acres Water Association, Inc. for the Calendar Year 2008. The Association is required by State law to provide the library with this report so that it may be available for public inspection by subscribers of the water system.

I appreciate your help in this matter.

Sincerely,



Thomas E. Clayton, Jr.  
Secretary/Treasurer  
Green Acres Water Association, Inc.

TEC:ss

Enclosure

GREEN ACRES WATER ASSN.  
P. O. BOX 13  
MARKS, MS 38646

COAHOMA COUNTY ROAD DEPT  
ACCOUNT NO. 1119  
METER NO. M003  
SERVICETO 6/22/09

DUEDATE	GROSS AMOUNT	NET AMOUNT
7/10/09	81.90	78.00

PAYMENT DUE ON 7/10/09 FOR THE WATER  
FOR SERVICE PERIOD 6/22/09 TO 6/22/09  
FOR METER NO. M003. IF YOU HAVE ANY  
QUESTIONS PLEASE CALL THE WATER DEPT.

SERVICE ADDRESS  
2546958-RDDERT 1 1/2"

\*\*\*\* CCR UPON REQUEST \*\*\*\*

GREEN ACRES WATER ASSN.  
P. O. BOX 13  
MARKS, MS 38646

TRAXIT NORTH AMERICA  
ACCOUNT NO. 1130  
SERVICETO 6/22/09

DUEDATE	GROSS AMOUNT	NET AMOUNT
7/10/09	28.84	26.22

PAY NET AMOUNT ON OR BEFORE DUE DATE  
OR 5% PENALTY WILL BE APPLIED TO THE NET  
AMOUNT. PAYMENT MUST BE RECEIVED BY THE 10TH

SERVICE ADDRESS

60275429-RB6-S METER

\*\*\*\* CCR UPON REQUEST \*\*\*\*

ACCOUNT NUMBER 1119 SERVICE 6/22/09

DUEDATE	GROSS AMOUNT	NET AMOUNT
7/10/09	81.90	78.00

RETURN THIS STUB WITH PAYMENT

COAHOMA COUNTY ROAD DE  
P. O. BOX 57  
CLARKSDALE, MS 38622

ACCOUNT NUMBER 1130 SERVICE 6/22/09

DUEDATE	GROSS AMOUNT	NET AMOUNT
7/10/09	28.84	26.22

RETURN THIS STUB WITH PAYME

TRAXIT NORTH AMERICA  
P O BOX 381465  
MEMPHIS, TN 38146

GREEN ACRES WATER ASSN.  
 P. O. BOX 13  
 CLARKS, MS 38646

SHADY NOOK, INC

ACCOUNT NO	DATE	SERVICE TO
1160 <small>PRESENT TO ADVICE</small>	T001 <small>GALLONS</small>	6/22/09 <small>PAY LAST AMOUNT</small>
422077	61,230	131.46
SALES TAX		9.20
DUE DATE	GROSS AMOUNT	NET AMOUNT
7/10/09	154.73	140.66

PAY NET AMOUNT ON OR BEFORE DUE DATE.  
 PAY GROSS AMOUNT AFTER DUE DATE.  
 SERVICE WILL BE DISCONNECTED IF NOT PAID BY THE 15TH

SERVICE ADDRESS

3033758-16774 HWY 61 N

\*\*\*\* CCR UPON REQUEST \*\*\*\*

ACCOUNT NUMBER	SERVICE TO	
1160	6/22/09	
DUE DATE	GROSS AMOUNT	NET AMOUNT
7/10/09	154.73	140.66

RETURN THIS STUB WITH PAYMENT

SHADY NOOK, INC  
 P. O. BOX 1309  
 CLARKSDALE, MS 38614

GREEN ACRES WATER ASSN.  
 P. O. BOX 13  
 CLARKS, MS 38646

WENDY J. RAY

ACCOUNT NO	DATE	SERVICE TO
1170 <small>PRESENT READING</small>	W001 <small>GALLONS</small>	6/22/09 <small>PAY LAST AMOUNT</small>
99533	8,150	25.30
SALES TAX		
DUE DATE	GROSS AMOUNT	NET AMOUNT
7/10/09	27.83	25.30

PAY NET AMOUNT ON OR BEFORE DUE DATE.  
 PAY GROSS AMOUNT AFTER DUE DATE.  
 SERVICE WILL BE DISCONNECTED IF NOT PAID BY THE 15TH

SERVICE ADDRESS

22108665-R

\*\*\*\* CCR UPON REQUEST \*\*\*\*

ACCOUNT NUMBER	SERVICE TO	
1170	6/22/09	
DUE DATE	GROSS AMOUNT	NET AMOUNT
7/10/09	27.83	25.30

RETURN THIS STUB WITH PAYMENT

WENDY J. RAY  
 17740 HWY 61N  
 LYON, MS 38645

# 2008 CCR Contact Information

Date: 6/30/09 Time: 11:00

PWSID: 140007

System Name: Green Acres

Lead/Copper Language

MSDH Message re: Radiolo

MRDL Violation

Chlorine Residual (MR

Other Violation(s) \_\_\_\_\_

8/25/09 11:30 am  
Mrs Spencer, started  
she spoke with Nichissa  
Parke and she told  
her that she would  
accept the CCR the  
way it is this time  
602 326-6921 OK  
per MP

Will correct report & mail copy marked "corrected copy" to MSDH.

Will notify customers of availability of corrected report on next monthly bill.

Will Publish.

Population 544 must mail  
or publish

Spoke with Mrs Spencer 602 326-6921  
(Operator, Owner, Secretary)

8/25/09 11:03  
Left message with  
Secretary for Mrs Spencer to  
call back. She step out of the office  
to go to the bank.