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Country Haven Mobile Home Park

1151 Hwy 51 N • Nesbit, MS 38651

PWSID# 0170027

Water Quality Report 2013



Prepared by:

Mitchell Technical Services, Inc
325 West McKnight
Murfreesboro, TN 37129



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IS MY WATER SAFE ?

Last year your tap water met all monitored U.S. Environmental Protection Agency (EPA) and state drinking water health standards. We vigilantly safeguard the water supply and we are proud to report that our system meets all monitored federal and state requirements.

REPORT AVAILABILITY

This report is not mailed to the residents, however, it is published annually in the local paper and is also posted in the central office on the bulletin board for review.

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 from 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 Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

WHERE DOES MY WATER COME FROM?

Our water comes from two wells over 200 feet deep, which draw ground water from the Sparta Sand Aquifer.

SOURCE WATER ASSESSMENT AND ITS AVAILABILITY.

Our source water assessment has been completed by the Mississippi State Department of Health. The results of the report are available at:

<http://landandwater.deq.ms.gov/swap/reports/report.aspx?id=0170027>

The susceptibility ranking of each of our wells was Moderate

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 (800-426-4791).

HOW CAN I GET INVOLVED?

We encourage all customers who have any concerns or questions to contact our office.

OTHER INFORMATION:

You may want additional information about your drinking water. You may contact our certified waterworks operator or you may prefer to log on to the Internet and obtain specific information about your system and its compliance history at the following address:

<http://www.msdh.state.us/watersupply/index.htm>.

Information including current and past boil water notices, compliance and reporting violations, and other information pertaining to your water supply including "Why, When, and How to Boil Your Drinking Water" may be obtained.

Certified Operator:	Bryan Lane	Phone	(662) 562.5314
Operations Firm:	MTS, Inc.	Fax	(662) 562.5314
Emergency Contact :	(901) 413.7714		

Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

Important Drinking Water Definitions:

ND: Non-Detects: Laboratory analysis indicates that the constituent is not present.

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.

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.

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

Units Description:

NA: Not applicable

ND: Not detected

NR: Not reported

MNR: Monitoring not required, but recommended.

ppm: parts per million, or mg/l: milligrams per liter

ppb: parts per billion, or µg/l : micrograms per liter

Nitrates

Contaminant	MCL	Your Water
Sample Date	MCLG	Violation Y / N
NITRATE 01/23/2013	10 ppm	< 0.08 ppm N
NITRITE 01/23/2013	1 ppm	< 0.02 ppm N
NITRATE – NITRITE 01/23/2013	10 ppm	< 0.1 ppm N

Inorganic Chemicals

Contaminant	MCL	Your Water	Likely Source of Contaminant
Sample Date	MCLG	Violation Y/N	
Barium (ppm)	2.0	0.030555	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
07/27/11	2.0	N	
Copper (ppm)	1.3	0.0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems
07/14/11	1.3	N	
Lead (ppm)	15	2	Corrosion of household plumbing systems; Erosion of natural deposits
07/14/11	15	N	

Disinfectants & Disinfectant Byproducts

Contaminant	MRDL	QTR AVG
Sample Date	RANGE	Violation Y/N
Maximum Residual Disinfectant Level (MRDL)	0.52mg/L	1.10 mg/L
JAN 2013-DEC 2013	1.37mg/L	N

Contaminant	MCL	Your Water
Sample Date	MCLG	Violation Y / N
Haloacetic Acids (HAA5)	0.060 ppm	4.0 ppb
07/10/12		N
Total Trihalomethane (TTHM)	0.080 ppm	2.51 ppb
07/10/12		N

REPORTABLE VIOLATIONS

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 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 and Enforcement, Bureau of Public Water Supply, at 601.576.7518..

There was a Consumer Confidence Rule violation for 2011 for CCR Reporting. The water system returned to compliance on 07/30/2012.

During a sanitary survey conducted on June 6, 2011, the Mississippi State Department of Health cited the following significant deficiency(s):

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 December 31, 2014.

Significant
Deficiencies

During a sanitary survey conducted on June 6, 2011, the Mississippi State Department of Health cited the following significant deficiency(s):

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 December 31, 2014.

Affidavit of Publication

DESOTO TIMES-TRIBUNE

STATE OF MS } SS
COUNTY OF DESOTO }

DIANE SMITH, being duly sworn, says:

That she is a Clerk of the DESOTO TIMES-TRIBUNE, a newspaper of general circulation in said county, published in Hernando, DeSoto County, MS; that the publication, a copy of which is printed hereon, was published in the said newspaper on the following dates:

June 17, 2014

That said newspaper was regularly issued and circulated on those dates.

SIGNED:

Clerk

Subscribed to and sworn to me this 17th day of June 2014.

JUDY HAYES, Notary, DeSoto County, MS

My commission expires: October 01, 2017

00003405 00030077

Roy
Country Haven Mobile Home Park
1151 Hwy 51 N (Office)
Nesbit, MS 38651



WATER QUALITY REPORT
MS DNR 017/027
Water Quality Report
2013

WATER SAFETY This was done for water quality monitoring by the Environmental Protection Agency (EPA) and state drinking water monitoring. We regularly monitor the water supply and we are pleased to report that our system meets minimum health and safety standards.

AVAILABILITY This report is not meant to be distributed beyond its publication community in the local paper and is for the convenience of the public to have on file.

WHO NEEDS TO TAKE SPECIAL PRECAUTIONS Some people may become vulnerable to drinking water from the general population. Examples include children with leukemia, people with HIV/AIDS or immune system disorders, pregnant and nursing women, and the elderly. These people should seek advice about drinking water from their health care providers. EPA's Guide for Disease Control (GDC) provides an appropriate means to lessen the risk of infection and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

WHERE DOES MY WATER COME FROM? Our water comes from two wells over 200 feet deep, which draw ground water from the Southeast Aquifer.

SOURCE WATER ASSESSMENT AND ITS AVAILABILITY Our source water assessment has been completed by the Mississippi State Department of Health. The results of the assessment available at: <http://health.ms.gov/our-source-water-report-report.aspx?id=0170077>. The availability of drinking water in our area was moderate.

WHAT ARE THE CONTAMINANTS IN MY DRINKING WATER? Drinking water, including bottled water, may occasionally be expected to contain a few small amounts of certain contaminants. The presence of contaminants does not necessarily indicate a health risk. More information about contaminants and potential health effects can be obtained by calling the Florida State Department of Health (800-426-4791).

HOW CAN I GET INVOLVED? We encourage all customers with inquiries, concerns or questions to contact our office.

OTHER INFORMATION You may want additional information about your drinking water. You may contact our central water utility operators or you may post a log on to the Internet and obtain specific information about your system and the contamination history of the following address: <http://www.ms.gov>.

Information including current and past water quality compliance and reporting violations, and other information pertaining to your utility including when, where and how to file a water complaint, may be obtained.

Contact Operator: Evelyn Lane Phone: (662) 562-5314
 Supervisor: Brian Mays, Sr. Fax: (662) 562-5314
 Mississippi County: 0001 015-772

Water Quality Data Table

The table below lists all the drinking water contaminants that we tested during the calendar year of this report. The presence of certain contaminants does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data represented in this table is for the calendar year of the report. The EPA or the State requires no maximum for certain contaminants less than once per year by the time calculated in these concentrations do not change frequently.

Sample Location: Water Treatment Plant

MS DNR Drinking Water Laboratory analysis indicates that the water is safe to drink.

MS DNR Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected health risk. MCL-G is never to be exceeded.

MS DNR Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCL-G as the best available treatment technology.

All of them exceed the concentration of a contaminant which is suspected, requires treatment or other requirements which a water system follows.

Sample Description: Not Detected
 MS DNR Not Detected
 MS DNR Monitoring not required, but recommended.

MS DNR MCL-G: 1.0 mg/L
 MS DNR MCL: 1.0 mg/L

Contaminant	MS DNR MCL-G	MS DNR MCL	Sample Value	Running Water	Violations
Chlorine	4.0 mg/L	4.0 mg/L	0.0 mg/L	None	None
Chlorine Dioxide	0.8 mg/L	0.8 mg/L	0.0 mg/L	None	None
Chlorine Residual	0.4 mg/L	0.4 mg/L	0.4 mg/L	None	None
Lead	0.01 mg/L	0.01 mg/L	0.0 mg/L	None	None
Copper	1.3 mg/L	1.3 mg/L	0.0 mg/L	None	None
Iron	0.3 mg/L	0.3 mg/L	0.0 mg/L	None	None
Manganese	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Nitrate-Nitrogen	10 mg/L	10 mg/L	0.0 mg/L	None	None
Nitrite-Nitrogen	3.0 mg/L	3.0 mg/L	0.0 mg/L	None	None
Fluoride	4.0 mg/L	4.0 mg/L	0.0 mg/L	None	None
Calcium	75 mg/L	75 mg/L	0.0 mg/L	None	None
Magnesium	30 mg/L	30 mg/L	0.0 mg/L	None	None
Total Hardness	175 mg/L	175 mg/L	0.0 mg/L	None	None
Total Dissolved Solids	500 mg/L	500 mg/L	0.0 mg/L	None	None
Total Suspended Solids	5 mg/L	5 mg/L	0.0 mg/L	None	None
Total Phosphorus	0.1 mg/L	0.1 mg/L	0.0 mg/L	None	None
Total Nitrogen	1.0 mg/L	1.0 mg/L	0.0 mg/L	None	None
Ammonia Nitrogen	0.5 mg/L	0.5 mg/L	0.0 mg/L	None	None
Aluminum	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Cadmium	0.01 mg/L	0.01 mg/L	0.0 mg/L	None	None
Chromium (VI)	0.1 mg/L	0.1 mg/L	0.0 mg/L	None	None
Barium	2.0 mg/L	2.0 mg/L	0.0 mg/L	None	None
Boron	1.0 mg/L	1.0 mg/L	0.0 mg/L	None	None
Cyanide	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Secchi Disk	1.0 ft	1.0 ft	0.0 ft	None	None
Color (Pt-Co)	15 pcu	15 pcu	0.0 pcu	None	None
Turbidity (NTU)	1.0 NTU	1.0 NTU	0.0 NTU	None	None
Thermal Units	10.0	10.0	0.0	None	None
Specific Conductance	1000 uS/cm	1000 uS/cm	0.0 uS/cm	None	None
pH	6.5 - 8.5	6.5 - 8.5	7.5	None	None
Free Chlorine	0.2 - 4.0 mg/L	0.2 - 4.0 mg/L	0.4 mg/L	None	None
Total Chlorine	0.2 - 4.0 mg/L	0.2 - 4.0 mg/L	0.4 mg/L	None	None
Chlorine Demand	0.2 - 4.0 mg/L	0.2 - 4.0 mg/L	0.4 mg/L	None	None
Free Ammonia Nitrogen	0.5 mg/L	0.5 mg/L	0.0 mg/L	None	None
Total Ammonia Nitrogen	3.0 mg/L	3.0 mg/L	0.0 mg/L	None	None
Total Nitrite Nitrogen	3.0 mg/L	3.0 mg/L	0.0 mg/L	None	None
Total Nitrate Nitrogen	10 mg/L	10 mg/L	0.0 mg/L	None	None
Total Phosphorus	0.1 mg/L	0.1 mg/L	0.0 mg/L	None	None
Total Dissolved Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Total Suspended Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Total Soluble Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Ammonia Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Orthophosphate Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Calcium Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Iron Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Manganese Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Zinc Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Copper Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Lead Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Chromium Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Barium Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Boron Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Cyanide Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Secchi Disk	1.0 ft	1.0 ft	0.0 ft	None	None
Color (Pt-Co)	15 pcu	15 pcu	0.0 pcu	None	None
Turbidity (NTU)	1.0 NTU	1.0 NTU	0.0 NTU	None	None
Thermal Units	10.0	10.0	0.0	None	None
Specific Conductance	1000 uS/cm	1000 uS/cm	0.0 uS/cm	None	None
pH	6.5 - 8.5	6.5 - 8.5	7.5	None	None
Free Chlorine	0.2 - 4.0 mg/L	0.2 - 4.0 mg/L	0.4 mg/L	None	None
Total Chlorine	0.2 - 4.0 mg/L	0.2 - 4.0 mg/L	0.4 mg/L	None	None
Chlorine Demand	0.2 - 4.0 mg/L	0.2 - 4.0 mg/L	0.4 mg/L	None	None
Free Ammonia Nitrogen	0.5 mg/L	0.5 mg/L	0.0 mg/L	None	None
Total Ammonia Nitrogen	3.0 mg/L	3.0 mg/L	0.0 mg/L	None	None
Total Nitrite Nitrogen	3.0 mg/L	3.0 mg/L	0.0 mg/L	None	None
Total Nitrate Nitrogen	10 mg/L	10 mg/L	0.0 mg/L	None	None
Total Phosphorus	0.1 mg/L	0.1 mg/L	0.0 mg/L	None	None
Total Dissolved Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Total Suspended Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Total Soluble Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Ammonia Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Orthophosphate Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Calcium Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Iron Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Manganese Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Zinc Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Copper Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Lead Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Chromium Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Barium Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Boron Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None
Cyanide Phosphorus	0.05 mg/L	0.05 mg/L	0.0 mg/L	None	None

