



2013 JUN 24 PM 4: 02

QUALITY ON Tap Report  
LINCOLN RURAL WATER ASSOCIATION - BRIGNAL  
PWI ID# 430028  
June 1, 2013

Lincoln Rural Water is 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 one well pumping from the Catahoula Aquifer. Lincoln Rural Water is pleased to report that our drinking water meets all federal and state requirements. The following reports show our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact the office at Monticello St., Brookhaven, Ms. 601-833-6449. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regular scheduled meetings. They are held on the 3rd Tuesday of each month at the above location at 7:00 P.M. and our Annual meeting is held on the 3rd Monday of March at the Lincoln County Courthouse at 7:00 P.M.

Lincoln Rural Water Association routinely monitors for as many as 154 constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup> 2012. All drinking water, including bottled drinking water, may be reasonably expected to contain at least a small amount 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.

**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, MCLG's allow for margin of safety.

#### Addition 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. ABC 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 Laboratory offers lead testing for \$20.00 per sample. Please contact 601.576.7582 if you wish to have your water tested.

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

In accordance with the Radionuclide's 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 & Enforcement, Bureau of Public Water Supply, at (601) 576-7518.

PWI ID#430028 Brignal

TEST RESULTS

Contaminant	MCLG	MCL	Water	Range	Sample	Violation	Typical Source
	MRDLG	MRDL		Low	High	Date	

**Disinfectants - Chlorine By-Products**  
 Chlorine is commonly used as a disinfectant to control microbial contaminants.

Chlorine (as Cl <sub>2</sub> ) (ppm)	4	4	1.00	.70	1.20	2012	No	Water additive used to control microbes
<b>Inorganic Contaminants</b>								
Barium (ppm)	2	2	0.00374	NA		2012	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	.00112	NA		2012	No	Discharge from steel and pulp mills; Erosion of natural deposits
Fluoride (ppm)	4	4	.102	NA		2012	No	Erosion of natural deposits, additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

Contaminant	MCLG	MCL	Water	Sample	# Samples	Exceed	Typical Source
				Date	Exceeding MCL	MCL	

<b>Inorganic Contaminants</b>							
Copper - action level at consumer taps (ppm)	1.3	1.3	0.1	2010	1	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15ppb	0.015	2010	2	No	Corrosion of household plumbing systems; Erosion of natural deposits

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).

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. Please call our office if you have questions.

2013 JUN 24 PM 4: 02

**QUALITY ON Tap Report**  
**LINCOLN RURAL WATER ASSOCIATION – Heucks Retreat**  
**PWI ID# 430030**  
**June 1, 2013**

Lincoln Rural Water is 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 one well pumping from the Catahoula Aquifer. Lincoln Rural Water is pleased to report that our drinking water meets all federal and state requirements. The following reports show our water quality and what it means.

If you have any question about this report or concerning you water utility, please contact our office at 1536 Monticello St., Brookhaven, Ms.ms. 601-833-6449. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regular scheduled meetings. They are held on the 3rd Tuesday of each month at the above location at 7:00 P.M. and our Annual meeting is held on the 3rd Monday of March at the Lincoln County Courthouse at 7:00 P.M.

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 detail 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 Lincoln Rural Water have received a moderate and lower ranking in terms of susceptibility to contamination.

Lincoln Rural Water Association routinely monitors for as many as 154 constituents in you drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup> 2012. All drinking water, including bottled drinking water, may be reasonably expected to contain at least a small amount of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

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*Addition information for Lead*

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### Water Quality Data Table

430030 Heucks Retreat

Contaminants	MCLG or MRDLG	MCL or MRDL	Year Water	Range Low	High	Sample Date	Violation	Typical Source
<b>Disinfectants &amp; Disinfection By-Products</b>								
(There is convincing evidence that addition of disinfectants is necessary for control of microbial contaminants.)								
Chlorine (as Cl <sub>2</sub> ) (ppm)	4	4	1.00	.80	1.30	2012	No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	NA	60	33.0	NA		2011	No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	NA	80	22.7	NA		2012	No	By-product of drinking water disinfection
<b>Inorganic Contaminants</b>								
Arsenic (ppb)	0	10	0.00082	NA		2012	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production
Barium (ppm)	2	2	0.01336	NA		2012	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	0.00137	NA		2012	No	Discharge from steel and pulp mills; Erosion of natural deposits
Fluoride (ppm)	4	4	.923	NA		2012	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
<b>Trace Organic Chemicals</b>								
Copper - action level at consumer taps (ppm)	1.3	0.1	0.2	2010		11	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15 pb	0.002	2010		11	No	Corrosion of household plumbing systems; Erosion of natural deposits

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2013 JUN 24 PM 4: 02

**Quality on Tap Report  
Lincoln Rural Water Association  
Old Red Star  
PWS ID# 430031  
June 1, 2013**

Lincoln Rural Water is 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 pumping from the Miocene Aquifer. Lincoln Rural Water is pleased to report that our drinking water meets all federal and state requirements.

The following reports show our water quality and what it means. If you have any questions about this report or concerning your water utility, please contact our office at 1536 Monticello Street, Brookhaven, MS 39602; 601-833-6449. 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 3<sup>rd</sup> Tuesday of each month at the above location at 7:00 P.M. and our annual meeting is held on the 3<sup>rd</sup> Monday of March at the Lincoln County Courthouse at 7:00 P.M.

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 detail 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 Lincoln Rural Water have received a moderate and lower ranking in terms of susceptibility to contamination.

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**Addition information for Lead**

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**\*\*\*\*\*APRIL 1, 2013 MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\***

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### Test Results

PSI:#430031 Old Red Star

Contaminants	MCLG	MCL	Your Water	Range		Sample Date	Violation	Typical Source
	or MRDLG	or MRAL		Low	High			
<b>Disinfection By-Products (DBPs) (Total Trihalomethanes)</b>								
Chlorine (as Cl <sub>2</sub> ) (ppm)	4	4	.90	.70	1.10	2012	No	Water additive used to control microbes
<b>Inorganic Contaminants</b>								
Nitrite (measured as Nitrogen) (ppm)	1	1	0.1	NA		2010	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Barium (ppm)	2	2	0.06693	NA		2012	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4	4	0.109	NA		2009	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Copper - action level at consumer taps (ppm)	1.3	1.3	.1	2010		1	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15ppb	.1	2010		2	No	Corrosion of household plumbing systems; Erosion of natural deposits

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2013 JUN 24 PM 4:02

**QUALITY ON TAP REPORT  
LINCOLN RURAL WATER ASSOCIATION  
ZETUS PWS ID# 430032**

June 1, 2013

Lincoln Rural Water is 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 pumping from the Miocene Aquifer.

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TEST RESULTS

#0430032 Zetus

Contaminant	MCLG	MCL	Yield	Range	Sample	Violation	Typical Source
	MRL	MRL	Value	Low	High	Date	
<b>Disinfection By-Products</b>							
<b>Chlorine (as Cl<sub>2</sub>) (ppm)</b>							
	4	4	1.10	.80	1.50	2012	No Water additive used to control microbes
<b>Trihalomethanes</b>							
<b>TTHMS (Total Trihalomethanes)(ppb)</b>	NA	80	8.16			2009	No By-product of drinking water disinfection
<b>Barium</b>							
<b>Barium (ppm)</b>	2	2	.0032	NA		2012	No Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
<b>Chromium</b>							
<b>Chromium (ppb)</b>	100	100	.00164	NA		2012	No Discharge from steel and pulp mills; Erosion of natural deposits
<b>Fluoride</b>							
<b>Fluoride (ppm)</b>	4	4	.151	NA		2012	No Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
<b>Nitrate</b>							
<b>Nitrate [measured as Nitrogen] (ppm)</b>	10	10	.02	NA		2010	No Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
<b>Nitrite</b>							
<b>Nitrite [measured as Nitrogen] (ppm)</b>	1	1	0.25	NA		2010	No Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
<b>Microbial Contaminants</b>							
<b>Copper - action level at consumer taps (ppm)</b>							
	1.3	1.3	0.1	2010	1	No	Corrosion of household plumbing systems; Erosion of natural deposits
<b>Lead - action level at consumer taps (ppb)</b>							
	0	15ppb	0.003	2010	2	No	Corrosion of household plumbing systems; Erosion of natural deposits

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