

APPROVED

Annual Drinking Water Quality Report 2008 Tuxachanie Estates PWS 0240089

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source is *the Graham Ferry Formation aquifer*. I'm pleased to report that our drinking water meets all federal and state requirements. This table shows the results of our monitoring for the period of 01/01/08-12/31/08. If you have any questions concerning your water utility, please contact Larry Jones or Sherrell Jones at 228-861-4646

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Some people who drink water containing trihalomethanes in excess of the MCL over many years experience problems with their liver, kidneys, or central nervous systems, and may have increased risk of getting cancer

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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. We are 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.

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 Mellissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

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Contaminant	Violation Y/N	Date Collected RAA=Running Annual Ave.	Level Detected Your Water	# Samples exceed MCL/ACL or Range of Detects	Unit Measure	MCGL	MCL	Likely source
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Trihalomethanes (TTHM)	N	09/17/08	0.0	0	Ppb	NA	80	By-product of drinking water chlorination
Chlorine (as Cl ₂)(ppm) RAA	N	12/31/08	0.77	.5-1.2	Mg/L	NA	4.0	Water additive used to control microbes
Inorganic Contaminants								
7. Antimony	N	04/23/08	0.0005	0	Ppm	0.0006	0.0006	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
8. Arsenic	N	04/23/08	0.0005	0	Ppm	n/a	0.10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	04/23/08	0.004234	0	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
11. Beryllium	N	04/23/08	0.0001	0	Ppm	0.004	0.004	Discharge from metal refineries and coal-burning factories; discharge from electrical, aerospace, and defense industries
12. Cadmium	N	04/23/08	0.0001	0	Ppm	0.005	0.005	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints
13. Chromium	N	04/23/08	0.0005	0	Ppm	0.1	0.1	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	07/22/08	0.0435	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
15. Cyanide	N	04/16/08	0.005	0	Ppm	0.2	0.2	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
16. Fluoride	N	04/23/08	0.233	0	Ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	07/22/08	0.0025	0	Ppm	0.015	AL=.015	Corrosion of household plumbing systems, erosion of natural deposits
18. Mercury (inorganic)	N	04/23/08	0.0002	0	Ppm	0.002	0.002	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
19. Nitrate (as Nitrogen)	N	06/09/08	0.08	0	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
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Violations and Exceedances

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 required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection Byproducts Rule. Our water system failed to complete these monitoring requirements in November, 2008. 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.

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2008 CCR Contact Information

Date: 6/26/09 Time: 10:14

PWSID: 240089

System Name: Tyackanie

Lead/Copper Language

MSDH Message re: Radiological Lab

MRDL Violation

11/08

~~Chlorine Residual (MRDL) RAA~~

11/08

Other Violation(s) _____

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

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

Mrs Painter will do corrected copy

Mr. Plummer will notify customers of available corrected report on water bill.

Spoke with Beverly Painter 228-255-0772
(Operator, Owner, Secretary)

RECEIVED-WATER SUPPLY
2009 JUL 13 AM 9:13

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

TUXACHANLE ESTATES
Public Water Supply Name

0240089
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: 7/1/09

- 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: 7/1/09 D+L Auto Body

- 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.

[Signature]
Name/Title (President, Mayor, Owner, etc.)



6-29-09
Date

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

2009 JUL 13 AM 9: 13

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