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Logan, Ohio 43138

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Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

January 15, 2009

Re: **Jackson County**  
**City of Jackson**  
**Community Water System**  
**PWS ID# 4000111**

Bill Sheward, Service Director  
City of Jackson  
145 Broadway Street  
Jackson, OH 45640

**SUBJECT: Notice of violation - failure to meet the treatment technique disinfection requirements.**

Your public water system incurred a **treatment technique** violation of rule 3745-81-72 of the Ohio Administrative Code (OAC) in December 2008, when the actual CT value during the maximum hourly flow rate did not meet or exceed the required minimum CT value set forth in OAC rule 3745-81-72.

Actions required as a result of the above violation	
Step 1	<p><b>Within 30 days</b> issue the attached public notice of the violation in accordance with rule 3745-81-32 of the Ohio Administrative Code by the following method(s) to reach all persons served by the public water system:</p> <ol style="list-style-type: none"> <li>1. mail or other direct delivery to each customer receiving a bill and to other service connections; and</li> <li>2. if necessary, the system must also use any other method reasonably calculated to reach all persons served by the public water system;</li> </ol> <p>The language in italics on the attached public notice is mandatory and must be included as written.</p>
Step 2	Initiate an Investigate and take the necessary steps to correct the problem as soon as possible.
Step 3	Fill out the attached verification form and send along with a copy of the public notification issued within 10 days to the Southeast District Office of the Ohio EPA.

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If you have any questions, please contact me at (740) 380-5207 or via email to [sarah.wallace@epa.state.oh.us](mailto:sarah.wallace@epa.state.oh.us).

Sincerely,



Sarah Wallace  
Environmental Engineer  
Division of Drinking and Ground Waters

SW/cb

cc: Jackson County Health Department  
cc: Toni Buchanan-C.O. DDAGW  
cc: City of Jackson  
Greg Wilson, Superintendent  
145 Broadway Street  
Jackson, OH 45640

**DRINKING WATER NOTICE**  
**City of Jackson Did Not Meet Treatment Requirements**

In order to ensure proper disinfection, water in the treatment plant must be in contact with chlorine or a similar disinfectant for a minimum amount of time. On December 25 and 26, 2008, this did not occur.

Although chlorine quickly kills most bacteria, it is less effective against organisms such as viruses and parasites. For this reason, water needs to mix with chlorine for a longer time period to kill such organisms. The amount of time necessary, or the "contact time," depends on the amount of disinfectant in the water, and the pH and temperature of the water.

**What should I do?**

- **You do not need to boil your water or take other corrective actions.** However, if you have specific health concerns, consult your doctor.

People with severely compromised immune systems, infants, and some elderly people may be at increased risk. These people should seek advice about drinking water from their health care providers.

**What does this mean?**

This situation does not require that you take immediate action. If it had been, you would have been notified immediately. Tests taken during this same time period did not indicate the presence of bacteria in the water.

*Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.*

These symptoms, however, are not caused only by organisms in drinking water, but also by other factors. If you experience any of these symptoms and they persist, you may want to seek medical advice.

**What happened? What is being done?**

We are investigating and taking the necessary steps to correct the problem as soon as possible.

For more information, please contact \_\_\_\_\_ at \_\_\_\_\_ or \_\_\_\_\_.  
name of contact                      phone number                      mailing address

General guidelines on ways to lessen the risk of infection by microbes are available from the EPA Safe Drinking Water Hotline at 1(800) 426-4791.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.*

PWSID#: 4000111 Date distributed: \_\_\_\_\_

Tier 2: SWTR Notice - Disinfection Treatment (Contact Time)

**PUBLIC NOTICE INSTRUCTIONS AND VERIFICATION FORM FOR  
COMMUNITY PUBLIC WATER SYSTEMS WITH TIER 2 VIOLATIONS**

The owner or operator of a community public water system with a Tier 2 violation or situation shall notify the persons served by the public water system as soon as practical but **no later than 30 days** after the system learns of the violation.

I HEREBY CERTIFY THAT THE PUBLIC WAS NOTIFIED BY THE FOLLOWING METHOD(S) INDICATED BELOW, AS DESCRIBED IN THE OHIO ADMINISTRATIVE CODE RULE 3745-81-32:

Required Method of Public Notification	Actual Method of Public Notification
<p><b>Use the following method to reach all persons served by the public water system:</b></p> <p>Public notice issued by mail or other direct delivery to each customer receiving a bill and to other service connections to which water is delivered by the public water system</p>	<p><b>Describe actual methods used to notify public of the violation:</b></p> <p>A. Date of mailing/delivery _____</p>
<p><b>If the above method does not reach all persons served,</b> also use any other method reasonably calculated to reach other persons regularly served by the public water system (e.g. publication in a local newspaper, delivery of multiple copies for distribution by customers that provide their drinking water to others, posting in public places served by the system or on the Internet, or delivery to community organizations).</p>	<p>A. Method(s) _____            _____            _____</p> <p>B. Date(s) _____</p>

**Please check if the public notice used was provided by Ohio EPA (other side of this form) or another acceptable notice was used:**

- A public notice as shown on the other side of this sheet was issued without changes.  
 A different public notice was issued. **INCLUDE A COPY OF THE PUBLIC NOTICE.**

_____	Signature of	<b>City of Jackson PWS</b>
Responsible Official	Date	NAME OF PUBLIC WATER SYSTEM
_____	Printed Name	PWSID NUMBER: <b>4000111</b>
and Title of Responsible Official		COUNTY NAME: <b>Jackson</b>

<b>For OEPA use only</b>	
Date PN Received: _____	VIOLATION TYPE: <u>41 - SWTR TT</u>
PN acceptable: _____	MONITORING PERIOD <u>December 2008</u>
PN not acceptable: _____	