



**Environmental
Protection Agency**

John R. Kasich, **Governor**
Mary Taylor, **Lt. Governor**
Scott J. Nally, **Director**



NOTICE OF VIOLATION – ACTION REQUIRED

Re: Erie County
City of Vermilion
Community Water System
PWS ID# OH2201511
STU ID# 2253917

Mr. Robert Kurtz, Service Director
City of Vermilion
5511 Liberty Avenue
Vermilion, Ohio 44089

Dear Mr. Kurtz:

Subject: Notice of violation - Failure to meet the treatment technique turbidity requirements in rules 3745-81-71 through 3745-81-75 of the Ohio Administrative Code (OAC)

The City of Vermilion water system failed to provide sufficient filtration of its drinking water when the turbidity levels of representative samples of its filtered water exceeded one nephelometric turbidity unit (NTU) on September 7, 2012.

Failure to meet any requirement of OAC Rule 3745-81-73, Filtration of Water from Surface Water Sources, is a treatment technique violation. Tier 1 public notification is required in accordance with OAC 3745-81-32(B) (1) (g). The City has issued the public notification and is required to provide the public notice until the clear well roof is replaced and provides the proper sanitary seal. A plan of action to replace the roof on the clear well must be submitted to Ohio EPA, NWDO, before construction. The City of Vermilion shall meet the requirements of AWWA C652-02 "Disinfection of Water Storage Facilities", (2002) prior to placing the clear well into service after the completion of construction, inspection and cleaning. The City of Vermilion should consider the use of the approved emergency connections with Lorain and or Erie County until the clear well modifications, cleaning and disinfection are complete.

Mr. Robert Kurtz
September 13, 2012
Page 2

Actions required as a result of the above violation	
Step 1	<p>Use one or more of the following methods to reach all persons served by the public water system:</p> <p>Public notice issued by appropriate broadcast media (such as radio and television)</p> <p>Public notice issued by continuous posting in conspicuous places throughout the area served by the water system (required to remain posted for as long as the violation exists)</p> <p>Public notice issued by hand delivery to persons served by the water system</p> <p>Public notice issued by another delivery method approved in writing</p>
Step 2	Initiate an investigation and take the necessary steps to correct the problem as soon as possible.
Step 3	Within 10 days of completing Step 1, fill out the attached verification form and send it along with a copy of the public notification issued to the Northwest District Office of Ohio EPA.

If you have any questions, please contact me at (419) 373-3103.

Sincerely,



Musa A. Khaleq, P.E.
Environmental Engineer 2
Division of Drinking and Ground Waters

/cg

Enclosures

pc: Eileen Bulan, Mayor
Don Daily, Uni-Tech (w/ enclosures)
Erie County Health Department
Toni Buchanan, DDAGW, CO
Paul G. Brock P.E., DDAGW, NWDO
Justin Bowerman, DDAGW, NWDO
Ellen Gerber, Manager, DDAGW, NWDO
Shannon Nabors, District Chief, NWDO
Eric Getz, Assistant District Chief
DDAGW, NWDO, File (w/ enclosures)

DRINKING WATER WARNING

The City of Vermilion has high turbidity levels

BOIL YOUR WATER BEFORE USING

We routinely monitor our water for turbidity (cloudiness). This tells us whether we are effectively filtering the water supply. A water sample taken on 09/07/2012 showed turbidity levels of 38.0 turbidity units. This is above the standard of one turbidity unit. Because of these high levels of turbidity, there is an increased chance that the water may contain disease-causing organisms.

What should I do?

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring all water to a boil, let it boil for at least one minute, and let it cool before using, **or use bottled water.** Boiled or bottled water should be used for drinking, making ice, washing dishes, brushing teeth, and food preparation until further notice.
- *Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease causing organisms. These organisms include bacteria, viruses and parasites, which can cause symptoms such as nausea, cramps, diarrhea and associated headaches.* 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.
- The symptoms above are not caused only by organisms in drinking water. If you experience any of these symptoms and they persist, you may want to seek medical advice.

What is being done?

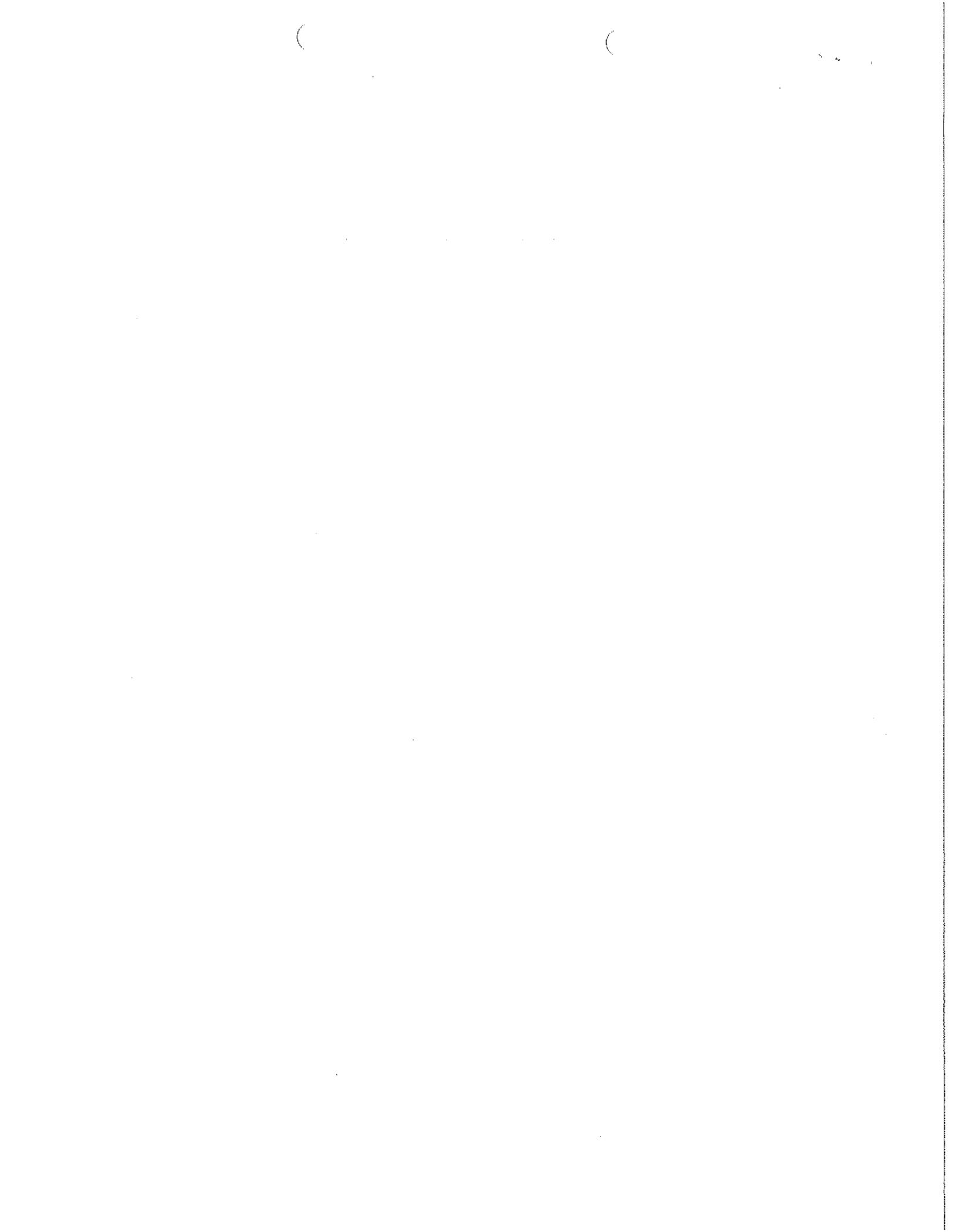
We are investigating and taking the necessary steps to correct the problem as soon as possible.

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#: OH2201511 Date distributed: _____



PUBLIC NOTICE INSTRUCTIONS AND VERIFICATION FORM FOR TIER 1 VIOLATIONS

The owner or operator of a public water system with a Tier 1 violation or situation that may pose an acute risk to human health is required to notify the persons served by the public water system. Notice shall be issued as soon as practical but **no later than 24 hours** after the system learns of the violation. Public notice shall be repeated as established during consultation with Ohio EPA.

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>Use one or more of the following methods to reach all persons served by the public water system:</p> <ol style="list-style-type: none"> 1. Public notice issued by appropriate broadcast media (such as radio and television stations) 2. Public notice issued by continuous posting in conspicuous places throughout the area served by the water system (required to remain posted for as long as the violation exists) 3. Public notice issued by hand delivery to persons served by the water system 4. Public notice issued by another delivery method approved in writing 	<p>Describe actual methods used to notify public of the violation:</p> <p>1A. Name of station(s) _____ 1B. Date provided to station(s) _____</p> <p>2A. Dates of posting _____ 2B. Locations of posting _____ _____ _____</p> <p>3. Date of delivery _____</p> <p>4A. Method _____ 4B. Date _____</p>
<p>Additional methods established in consultation with Ohio EPA</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 Responsible Person Date

 Printed Name and Title of Responsible Person

City Of Vermilion
 PWS ID# OH2201511
 Erie County
 Violation Type: 43
 Monitoring Period: September 2012

<p>For Ohio EPA use only: Date PN received: _____ PN acceptable: _____ PN not acceptable: _____</p>
--

