



Northwest Di



347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461
www.epa.ohio.gov

Re: Allen County
City of Delphos
Community Water System
PWS ID# 0200412

November 19, 2007

Mr. Gregory Berquist, Service Director
City of Delphos
608 North Canal Street
Delphos, Ohio 45833

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

This water system failed to provide sufficient treatment of its drinking water on October 12th, 13th, 14th, and 15th 2007. In violation of OAC Rule 3745-81-73, the City of Delphos filtered its water with rapid sand filters but failed to provide coagulation and flocculation in accordance with OAC Rule 3745-81-01 as required for conventional filtration treatment.

This water system also failed to provide sufficient filtration of its drinking water when the turbidity levels of representative samples of its filtered water were not less than or equal to 0.3 nephelometric turbidity units (NTU) in at least ninety-five percent (95%) of the samples analyzed during the October 2007, monitoring period.

Actions required as a result of the above violation	
Step 1	<p>Within 30 days 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> <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>If the above method does not reach all persons served, 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). If the notice is posted, it shall remain in place as long as the violation exists, but in no case less than 7 days.</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.

Mr. Gregory Berquist, Service Director
November 19, 2007
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If you have any questions, please contact me at (419) 373-4118.

Sincerely,



Justin W. Bowerman
Division of Drinking and Ground Waters

/lr

Enclosures

pc: Gerald Neumeier, Mayor (w/ enclosures)
Timothy Williams, Superintendent (w/ enclosures)
Allen County Health Department
City Council
Toni Buchanan, DDAGW, CO
~~DDAGW, NWDG, File (w/ enclosures)~~

DRINKING WATER NOTICE

Delphos Water Treatment Plant Did Not Meet Treatment Requirements

This water system failed to provide sufficient treatment of its drinking water on October 12th, 13th, 14th, and 15th 2007. In violation of OAC Rule 3745-81-73, the City of Delphos filtered its water with rapid sand filters but failed to provide coagulation and flocculation in accordance with OAC Rule 3745-81-01 as required for conventional filtration treatment. Conventional filtration treatment means a series of processes including coagulation, flocculation, sedimentation, and filtration resulting in substantial removal of particles.

This water system also failed to provide sufficient filtration of its drinking water when the turbidity levels of representative samples of its filtered water were not less than or equal to 0.3 nephelometric turbidity units (NTU) in at least ninety-five percent (95%) of the samples analyzed during the October 2007 monitoring period.

We routinely monitor our water for turbidity (cloudiness). This tells us whether we are effectively treating the water supply. Water samples taken October 12th, 13th, 14th, 15th, 16th, and 17th 2007 showed high levels of turbidity. Water samples for October 2007 showed that 29.3 percent of turbidity measurements were more than 0.3 nephelometric turbidity units. The standard is no more than 5 percent of samples may exceed 0.3 nephelometric turbidity units per month. Because of these high levels of turbidity and inadequate treatment, there is an increased chance that the water may contain disease-causing organisms.

What should I do?

You do not need to boil the water or take other actions. We do not know of any contamination, and none of our testing has shown disease-causing organisms in the drinking water.

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

name of contact

number

phone

or _____
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# 0200412	Date Distributed:
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Tier 2 SWTR violation

**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. Public notice shall be repeated every 3 months as long as the violation or situation persists.

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 the following method to reach all persons served by the public water system:</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>Describe actual methods used to notify public of the violation:</p> <p>A. Date of mailing/delivery</p>
<p>If the above method does not reach all persons served, 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). If the notice is posted, it shall remain in place as long as the violation exists, but in no case less than 7 days.</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 Official Date

Printed Name and Title of Responsible Official

Delphos Water Treatment Plant
PUBLIC WATER SYSTEM

PWSID NUMBER: 0200412
COUNTY NAME: Allen

For Ohio EPA use only

Date PN Received:

VIOLATION TYPE: 44
MONITORING PERIOD October 2007

PN acceptable: PN not acceptable: