



January 24, 2011

Re: **Harrison County
Village of Cadiz
Community Water System
PWS ID# OH3400214**

Village of Cadiz
Tom Carter, Superintendent
PO Box 153
Cadiz, OH 43907

SUBJECT: Notice of violations - failure to meet the treatment technique turbidity requirements.

Your public water system incurred the following **treatment technique** violations of rule 3745-81-73 of the Ohio Administrative Code (OAC) in December 2010,

Turbidity levels of representative samples of filtered water shall be less than or equal to 0.3 nephelometric turbidity units (NTU) in at least ninety-five percent of the samples analyzed each month. Only 83.76% of samples met the required NTU's as set forth in OAC rule 3745-81-73.

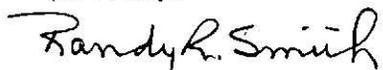
The turbidity level of representative samples of a public water system's filtered water shall not exceed one NTU.as set forth in OAC rule 3745-81-73 for two days.

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> <ol style="list-style-type: none">1. mail or other direct delivery to each customer receiving a bill and to other service connections; and2. if necessary, the system must also use any other method reasonably calculated to reach all persons served by the public water system; <p>The language in italics on the attached public notice is mandatory and must be included as written.</p>
Step 2	<p>Initiate an Investigate and take the necessary steps to correct the problem as soon as possible.</p>
Step 3	<p>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.</p>

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If you have any questions, please contact me at (740) 380-5275 or via email to
randy.smith@epa.state.oh.us

Sincerely,



Randy R. Smith
Environmental Specialist
Division of Drinking and Ground Waters

RRS/cb

cc: Harrison County Health Department
cc: Toni Buchanan - C.O. DDAGW
cc: Mayor and Council

**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>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).</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

Village of Cadiz PWS
 NAME OF PUBLIC WATER SYSTEM

 Printed Name and Title of Responsible Official

PWSID NUMBER: OH3400214
 COUNTY NAME: Harrison

For OEPA use only		VIOLATION TYPE: <u>41 - SWTR TT</u> MONITORING PERIODS December, 2010
Date PN Received:	PN acceptable: PN not acceptable:	
		January, 2011

EXAMPLE PUBLIC NOTICE

Public water systems are required by rules 3745-81-72 and 3745-81-73 of the Ohio Administrative Code (OAC) to provide specific treatment to demonstrate removal and/or inactivation of Giardia Lamblia Cysts and viruses.

The sampling conducted for the Village of Cadiz indicated that our water treatment plant did not provide this level of treatment during the month of

Specifically:

- (X) The turbidity levels were too high.
- () The chlorine residuals were too low.
- () The chlorine contact times were too low.

"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 that can cause symptoms such as nausea, cramps, diarrhea and associated headaches".

The Village of Cadiz is doing the following to bring the water treatment plant into compliance with these rules:

1. (Actions water system is undertaking to
2. bring plant into compliance)
- 3.

We expect to return to compliance by DATE when the above items are completed. For more information contact (NAME OF WATER DEPARTMENT/MANAGEMENT REPRESENTATIVE) at (APPROPRIATE TELEPHONE NUMBER).

*The paragraph in quotation marks is mandatory wording.