



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

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

Re: Sandusky County
Lutz Elementary School
NTNC Water System
PWS ID#: OH7237112
LEAD / COPPER

OH7237112

FREMONT CITY SCHOOLS

10/20/2008



ACTION REQUIRED

October 20, 2008

Ms. Traci McCaudy, Superintendent
Fremont City Schools
1220 Cedar Street
Fremont, Ohio 43420

Dear Ms. McCaudy:

Re: Exceedance of the Lead Action Level

On October 6, 2008, this office received the 2008 lead and copper tap water monitoring report for Lutz Elementary School. JoAnn Sabo, Compliance Officer, reviewed the report. Based on this review, the Lead action level was exceeded. The steps required as the result of this exceedance follow:

Summary of Lead and Copper Tap Monitoring

	Annual
Compliance Period:	2008
Monitoring Period:	June 1 – September 31, 2008
Population:	325
Sampling Sites Required:	5
Sampling Sites Reported:	7

*6 MONTH
Jul - Dec*

	90th Percentile Concentration (µg/l)	Action Level (µg/l)	Action Level Exceeded?
Lead:	43.25	15	Yes
Copper:	577	1300	No

We suggest a meeting with you to discuss your required actions as soon as possible.

Deadlines and supplemental forms and information for the required actions listed below are included in the attachments to this letter.

Required actions:

1. **Water Quality Parameter & Entry Point Monitoring (OAC rules 3745-81-87 and 88)**

By December 31, 2008, collect samples for Water Quality Parameters (entry point and distribution system) and Lead and Copper at the entry point to the distribution.

2. **Corrosion Control Recommendation (OAC rules 3745-81-81 and 3745-81-82)**

By March 31, 2008, submit minimum, the Recommendation to this office. At a *June 30, 2009*

- a cover letter,
- a diagram of your water system showing any proposed changes, and
- a written recommendation that evaluates the effectiveness of:
 - alkalinity and
 - calcium hardness adjustment, and
 - addition of a phosphate- or silicate-based corrosion inhibitor at a concentration sufficient to maintain an effective residual concentration in all test tap samples.

Additional guidance, titled *Lead and Copper Rule Guidance Manual, Volume II: Corrosion Control Treatment* (document No. PB-93-101533), can be obtained by calling the National Technical Information Service at 1-800-553-NTIS.

3. **Detail Plan Submittal (OAC rule 3745-91-02)**

If significant changes to your water system are needed to implement the Corrosion Control Recommendation (i.e., installation of treatment), submit detail plans for those changes at the same time as the Corrosion Control Recommendation.

The detail plans must be prepared and signed by an engineer with a professional engineer's (P.E.) license. Because of the relationship between the detail plans and the Corrosion Control Recommendations, you may wish to consider having your engineer prepare your Corrosion Control Recommendation as well.

4. **Public Education for Lead (OAC rule 3745-81-85)**

By November 30, 2008, distribute public education materials to consumers of the water at Lutz Elementary School. Within 10 days of distribution, no later than December 10, 2008, submit to the Ohio EPA, Northwest Region, a public education materials distributed and the verification of distribution. See the enclosed attachments for details. *NO P.E.D.*

U.S. EPA has additional information about lead in drinking water at <http://www.epa.gov/safewater/lead/index.html>.

Optional Monitoring

A public water system exceeding an action level for the **first time** may use the results from additional (optional) lead and copper monitoring and delay *installation* of the treatment described in the Corrosion Control Recommendation described above (water quality parameter and entry point monitoring and the corrosion control recommendation are still required).

Contact me immediately if you are considering conducting this optional monitoring. This letter is the **only notification** you will receive regarding the ability to conduct this monitoring; it will **not** be reflected on your next Chemical Monitoring Schedule.

- For the results to be acceptable, the ninetieth percentile values for lead and copper must not exceed their respective action levels during the two monitoring periods: *Jan → June* and *July → Dec* below.
- You must use the same number of sites (10 for 325 population) and the same monitoring schedule (unless corrections are needed) as the **very first six-month** (July 1 – L... 1993, copy attached) lead and copper monitoring at your system.
- Monitoring would have to begin during the **next available** monitoring period: January 1 through June 30, 2009 and, if there is no Lead or Copper Action Level Exceedance, again during July 1 through December 31, 2009. Reports are due to Ohio EPA by July 10, 2009 and January 10, 2010, respectively.
- EPA Report forms 5105, 5106, and 5107 are enclosed.

If your water system exceeds the action level for either lead or copper in the future, you will need to resume implementation of corrosion control treatment.

If you have any questions concerning the requirements in this letter or need to request technical assistance, please feel free to contact me at 419-373-3042.

Sincerely,



Larry Moritz
Division of Drinking and Ground Waters

JW/lir

Enclosures: Action Required Deadlines
Water Quality Parameters - Distribution System and Entry Point Monitoring
EPA Form 5108,
Public Education Instructions, Materials to be Distributed, Verification Form
EPA Forms 5105, 5106, 5107

pc: Dr. Kimberly Theller, Director of Facilities & Operations
Tom Frey, Sanitary County Sanitary Engineer's Office
Sandusky County Health Department
Toni Buchanan, DDAGW-CO
DDAGW, NWDO File