



State of Ohio Environmental Protection Agency

**Northwest District Office**

347 North Dunbridge Rd.  
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: Richland County  
Sacred Heart School  
NTNC Water System  
PWS ID#: OH7037812  
**LEAD / COPPER**

**ACTION REQUIRED**

January 6, 2009

OH7037812

SACRED HEART PARISH

1/6/2009

Ms. Lisa Myers  
Sacred Heart School  
5754 State Route 61 South  
Shelby, Ohio 44875



**Re: Lead Action Level Exceedance**

Dear Ms. Myers:

On December 29, 2008, this office received Sacred Heart School's lead and copper tap water monitoring report for triennial monitoring conducted during June-September, 2008; the results are summarized below. The actions required as the result of the Lead Action level are listed on the next page.

**Summary of Lead and Copper Tap Monitoring**

Triennial Compliance Period:	2008 - 2010
Monitoring Period:	June 1 – September 31, 2008
Population:	88
Sampling Sites Required:	Five
Sampling Sites Reported:	Five

	90th Percentile Concentration (µg/L)	Action Level (µg/L)	Action Level Exceeded?
Lead:	24.85	15	Yes
Copper:	67	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.

**Actions Required:**

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

By January 31, 2009, collect and have samples analyzed for Water Quality Parameters and Lead and Copper in the distribution system and at the entry point to the distribution. Instructions are attached.

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

By March 31, 2009, submit a Corrosion Control Recommendation to this office. At a minimum, the Recommendation must include:

- a cover letter,
- a diagram of your water treatment facilities highlighting any proposed changes, and
- a written recommendation for corrosion control that evaluates the effectiveness of:
  - alkalinity and pH adjustment,
  - 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, called *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 the water system are needed to implement the Corrosion Control Recommendation (typically installation of treatment), detail plans for those changes are due by March 31, 2009, along with 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 January 31, 2009, distribute public education materials to consumers of the water at Sacred Heart School. By February 10, 2009, return to this office a copy of the public education materials distributed and the Verification that the Public was Notified form verifying that the materials were distributed as required. See the enclosed attachment *Public Education Instructions and Requirements*.

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

Ms. Lisa Myers  
January 6, 2009  
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**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 (submittal of 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 listed on your current Chemical Monitoring Schedule.

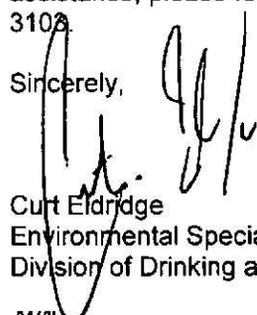
- The ninetieth percentile values for lead and copper must not exceed their respective action levels during the two monitoring periods described below.
- Use the same number of sites and the same locations (unless corrections are needed) as the **very first six-month** lead and copper monitoring at your system.
- Monitoring would have to begin during the **next available** monitoring period: January 1 through June 30, 2009, and if the Lead and/or Copper Action Level is not exceeded, during July 1 through December 31, 2009. Reports are due to Ohio EPA by July 10, 2009 and January 10, 2010, respectively.
- 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.

With receipt of Sacred Heart School's lead and copper monitoring report on December 29, 2008, our Notice of Violation letter dated December 22, 2008, is hereby rescinded. A reporting violation will be noted because this report was received after the October 10, 2008 deadline.

If you have any questions concerning the requirements in this letter or would like to request technical assistance, please feel free to contact me at 419-373-3105 or Musa Khaleq, District Engineer at 419-373-3108.

Sincerely,

  
Curt Eldridge  
Environmental Specialist  
Division of Drinking and Ground Waters

JW/b

Enclosures:

Action Required Timeline  
Water Quality Parameter and Lead & Copper Monitoring Instructions  
EPA 5108  
U.S. EPA Brochure: Is there Lead in the Drinking Water  
Public Education for NTNC Water Systems  
U.S. EPA Lead in Drinking Water brochure  
Verification that the Public was Notified for Public Education - NTNC  
EPA Forms 5105, 5106, 5107

pc:

Richland County Health Department

Toni Buchanan, DDAGW-CO

~~DDAGW; NWDO w/Enclosures~~

ec:

Musa Khaleq, P.E., District Engineer, NWDO w/Enclosures