



State of Ohio Environmental Protection Agency

Southwest District

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

November 13, 2008

**RE: CLARK COUNTY  
MEDWAY ELEMENTARY SCHOOL  
NON TRANSIENT NON COMMUNITY  
PUBLIC WATER SYSTEM  
PWS ID #: 1238312**

Tecumseh Local Schools  
Mike Lucas  
9760 West National Road  
New Carlisle, Ohio 45344

Dear Mr. Lucas:

We have reviewed your water system's lead and copper monitoring report for the following monitoring period.

**A. REPORT SUMMARY**

Monitoring Period: June - Sept. '08  
Date Due: October 10, 2008  
Date Received: 10/20/2008

Lead and Copper Sampling

Sample Sites Required: 5 based on a population of 240 Sample Sites Reported: 5

| 90 <sup>th</sup> percentile concentration, ug/l | action level, ug/l | Action level exceeded? |
|---|--------------------|------------------------|
| Lead 21.9 ug/l                                  | 15                 | <b>Yes</b>             |
| Copper 415 ug/l                                 | 1300               | No                     |

**B. STEPS REQUIRED DUE TO EXCEEDING LEAD ACTION LEVEL**

1. Public Education

Public Education materials should be delivered immediately, but no later than December 10, 2008. You must deliver public education materials to your water users by posting informational posters on lead in drinking water in a public place or common area in each of the buildings served by the system; and distribute information via pamphlets, brochures or electronic transmission on lead in drinking water to each person served by the water system. The public

notice must be sent out once a year as long as the exceedence exists. You may discontinue delivery of public education materials if the system has not exceeded the lead action level during the most recent six-month monitoring period conducted pursuant to rule 3745-81-86 of the Administrative Code. You shall recommence public education in accordance with this rule if it subsequently exceeds the lead action level during any monitoring period. A copy of the draft public education information is enclosed, in which you can fill in specific information about your water system.

2. Complete the enclosed 3745-81-85 Control of Lead and Copper Public Education Requirements public notice form, within 10 day of issuing the educational materials and mail it to Ohio EPA - Southwest District Office.

3. Water Quality Monitoring Required  
Due to Exceeding Lead Action Level:

|              | No. Sampling Sites | No. Samples<br>at <u>each</u> Site |
|--------------|--------------------|------------------------------------|
|              | Required           | Required                           |
| Distribution | 1                  | 2                                  |
| Entry Point  | 1                  | 2                                  |

Required water quality analyses: pH, temperature, alkalinity, calcium, conductivity, orthophosphate (if you use an inhibitor containing a phosphate compound) and silica (if you use an inhibitor containing a silica compound).

The regulations required that the specified number of sites be sampled twice. You need to complete the listed water quality analyses and submit the results to this office no later than **June 1, 2009** and report results on Form EPA 5108.

4. Flushed Entry Point Lead and Copper Samples

This sampling is to find out if you need to treat your water source to remove lead or copper. (This differs from corrosion control treatment which prevents lead or copper leaching from water pipes.)

Deadline: **June 1, 2009**

- a. As soon as possible, you must collect a flushed entry point lead and copper sample from each entry point to your water system. You need to collect the samples and submit the results to this office no later than **June 1, 2009** and report results on Form EPA 5108.
- b. You must evaluate the flushed samples to determine if treatment is needed for removal of lead and copper from your source water. By **June 1, 2009** you must make a source water treatment recommendation to us based on the sample results.

5 Corrosion Control Steps

Please refer to the attached "Corrosion Control Steps Required by Small Systems Exceeding the Action Level." The required steps, deadlines and related information are included.

6. Further Distribution System Lead and Copper Monitoring Not Required Now

Since an action level has already been exceeded, additional lead and copper distribution system monitoring is not required until corrosion control treatment is installed. However, if you do chose to sample and test results show compliance during two consecutive six month monitoring periods public education and the corrosion control steps may be suspended. Note, however, that you must do the entry point flushed lead and copper sampling discussed in item 3.

We recognize the complexity of the lead and copper regulations, which include multiple requirements that can be difficult to keep track of. In order to help with this, we have organized our correspondence as a "checklist" that will be easier to follow. If you have any questions, please call me at (937) 285-6474.

Sincerely,



Robert A. Moore  
Environmental Specialist 2  
Division of Drinking and Ground Waters  
Public Drinking Water Unit

cc: Clark County Health Department  
Engineering and Operations, DDAGW  
RAM/mab