



**Environmental Protection Agency**

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

OH7243212

Toledo Edison, Lindsey Service Center

12/21/2011



Re: Sandusky County  
Toledo Edison Lindsey Service Center  
NTNC Water System  
PWS ID#: OH7243212  
**LEAD / COPPER**

**ACTION REQUIRED**

December 21, 2011

Mr. James Smith  
MS 2210  
6099 Angola Road  
Holland, Ohio 43528

**Re: Exceedance of the action level for lead**

Dear Mr. Smith:

We have reviewed your lead and copper tap water monitoring report received on October 11, 2011; the results are summarized below. The **actions you must take** in response to these results are listed on the next page.

**Summary of Lead and Copper Tap Monitoring**

	Annual
Compliance Period:	2011
Monitoring Period:	June 1 – September 31, 2011
Population:	36
Sampling Sites Required:	5
Sampling Sites Reported:	5

	90th Percentile Concentration (µg/l)	Action Level (µg/l)	Action Level Exceeded?
Lead:	44	15	YES
Copper:	1,203	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)**

Collect samples for Water Quality Parameters and Lead and Copper in the distribution system and at the entry point to the distribution by January 31, 2012.

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

Submit a Corrosion Control Recommendation to this office by March 31, 2012. 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 your water system are needed to implement the Corrosion Control Recommendation (typically installation of treatment), detail plans for those changes are due at the same time as the Corrosion Control Recommendation (March 31, 2012).

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.

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

You must deliver public education materials to consumers of the water at your public water system. And within 10 days of distribution, you must also return to this office a copy of the public education materials distributed and a form verifying that the materials were distributed as required. See the enclosed attachment *Public Education Requirements* for details.

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

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)373-4118.

Sincerely,



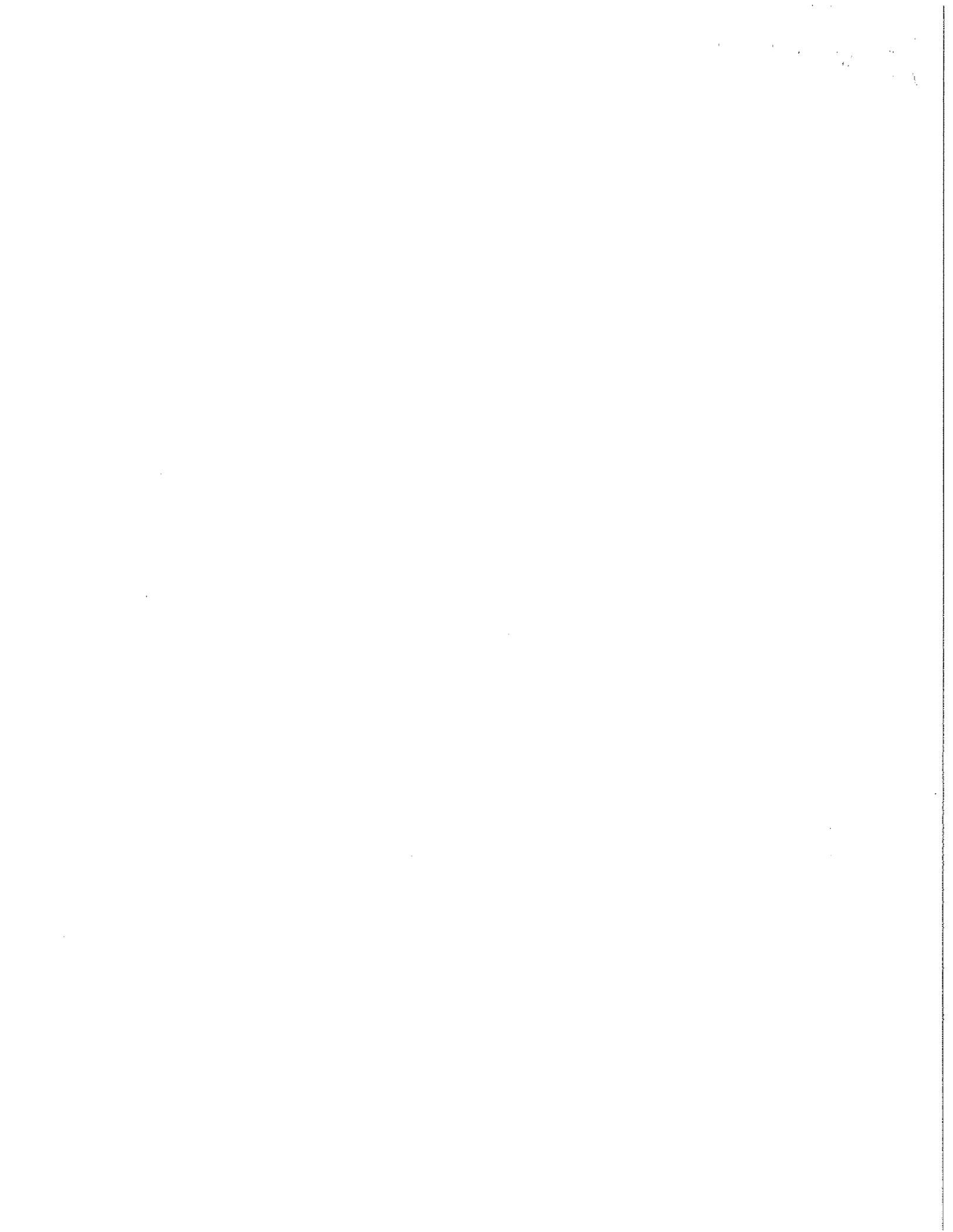
Justin W. Bowerman  
Division of Drinking and Ground Waters

/cs

Enclosures: Deadlines  
Distribution System and Entry Point Monitoring  
Form 5108  
Public Education Requirements

pc: Eric Kurfis, Operator  
Matt Ross, Operator (w/ Enclosures)  
Sandusky County Health Department  
Toni Buchanan, DDAGW-CO  
DDAGW, NWDO File (w/ Enclosures)

ec: Paul Brock, DDAGW - NWDO



## Deadlines

*Monitoring Period: June 1 through September 30*

<b>Activity</b>	<b>Deadlines</b>
Water Quality Parameters (WQP) and Additional Lead & Copper Monitoring	January 31, 2012
WQP and Lead/Copper report (Form 5108) to Ohio EPA	February 10, 2012
Corrosion Control Recommendation	March 31, 2012
Detail Plans	March 31, 2012
Public Education (for Lead action level exceedances)	Immediately

