



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

Re: Putnam County
Village of Columbus Grove
Community Water System
PWS ID#: OH6900112
LEAD / COPPER

ACTION REQUIRED

October 8, 2013

Mr. Jeff Vance, Village Administrator
Village of Columbus Grove
113 East Sycamore Street
Columbus Grove, Ohio 45830

Re: Exceedance of the action level for lead

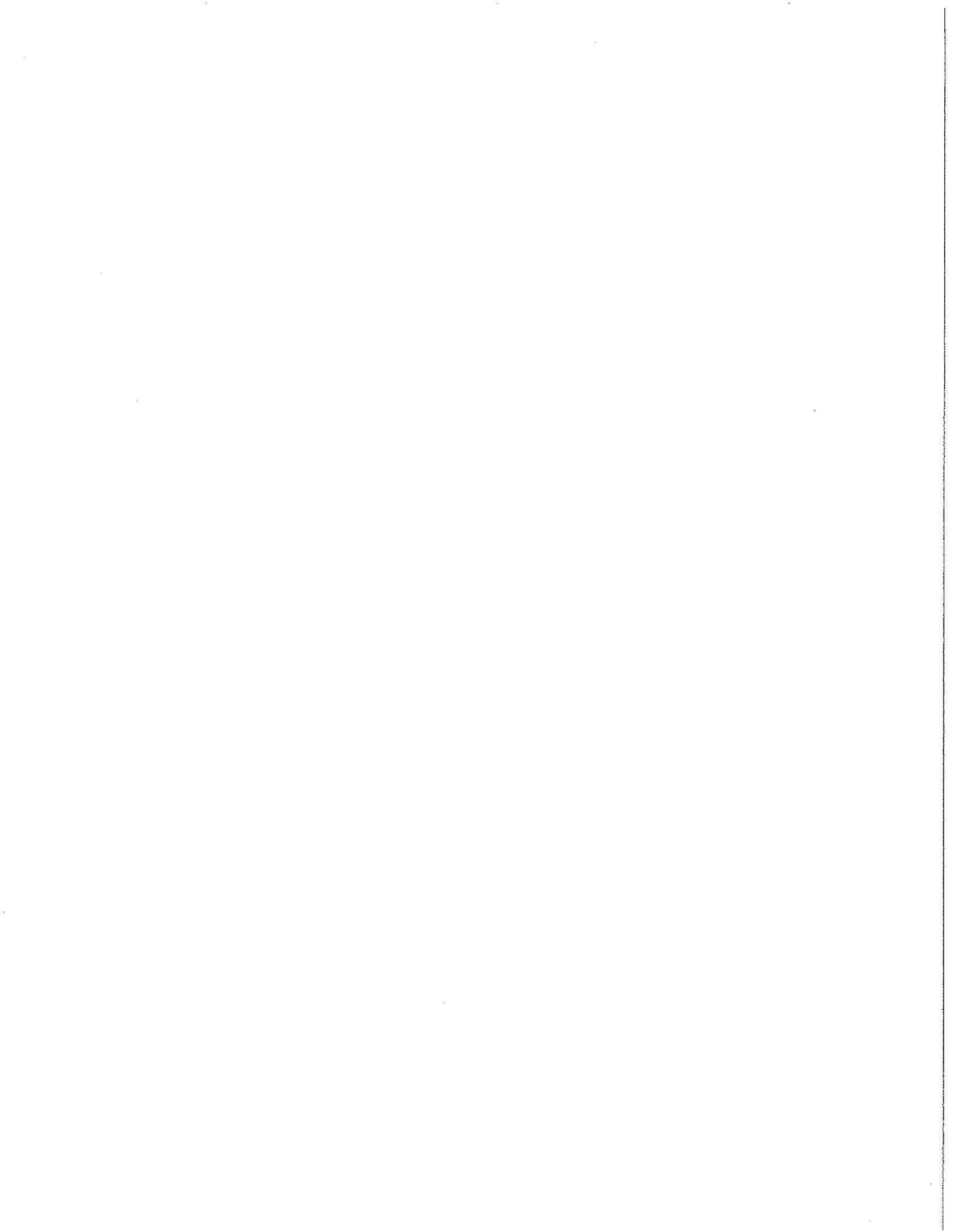
Dear Mr. Vance:

The Village of Columbus Grove exceeded the lead action level during the 2005 – 2007 monitoring period (June – September 2007 monitoring period). On February 18, 2011, Ohio EPA approved detail plans of a corrosion control study and caustic soda feed facility for corrosion control (Application No. 651274 ws). The Village of Columbus Grove notified Ohio EPA on February 15, 2013 that the village installed caustic soda feed at the water treatment plant.

We have reviewed your lead and copper tap water monitoring report received on July 25, 2013; 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

Compliance Period:	2013
Monitoring Period:	January 1 – June 30, 2013
Population:	2,137
Sampling Sites Required:	20
Sampling Sites Reported:	20



Summary of Lead and Copper Tap Monitoring

	90th Percentile Concentration (µg/l)	Action Level (µg/l)	Action Level Exceeded?
Lead:	22	15	Yes
Copper:	620	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. **Corrosion Control Recommendation (OAC rules 3745-81-81 and 3745-81-82)**

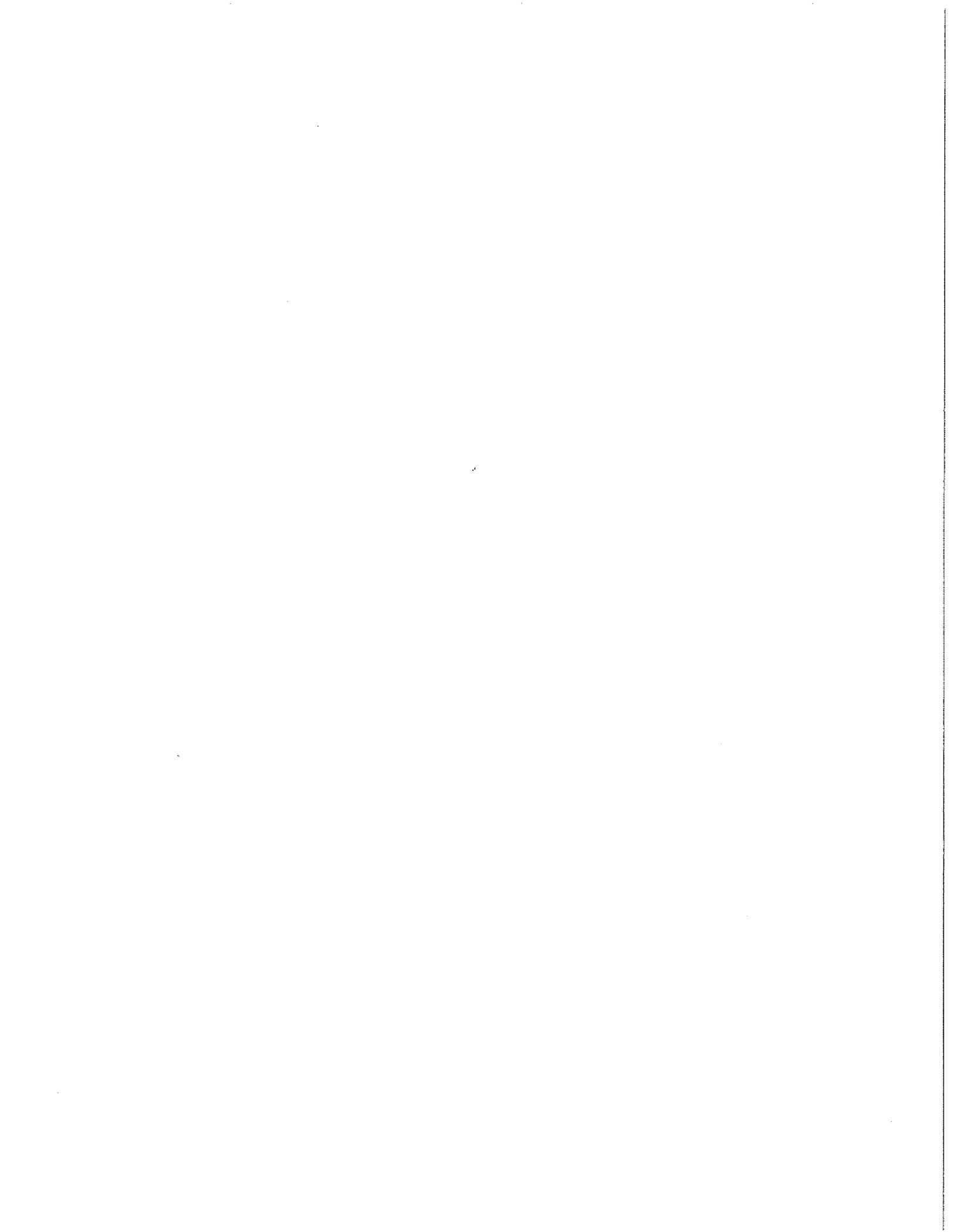
Submit a Corrosion Control Recommendation to this office by December 31, 2013. At a minimum, the Recommendation must include:

- 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.

2. **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 (December 31, 2013).



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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.

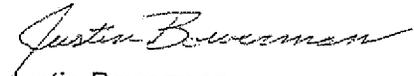
3. **Public Education for Lead (OAC rule 3745-81-85)**

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 Bowerman
Division of Drinking and Ground Waters

/cg

Enclosures: Deadlines
Public Education Requirements
Form 5105
Form 141 C

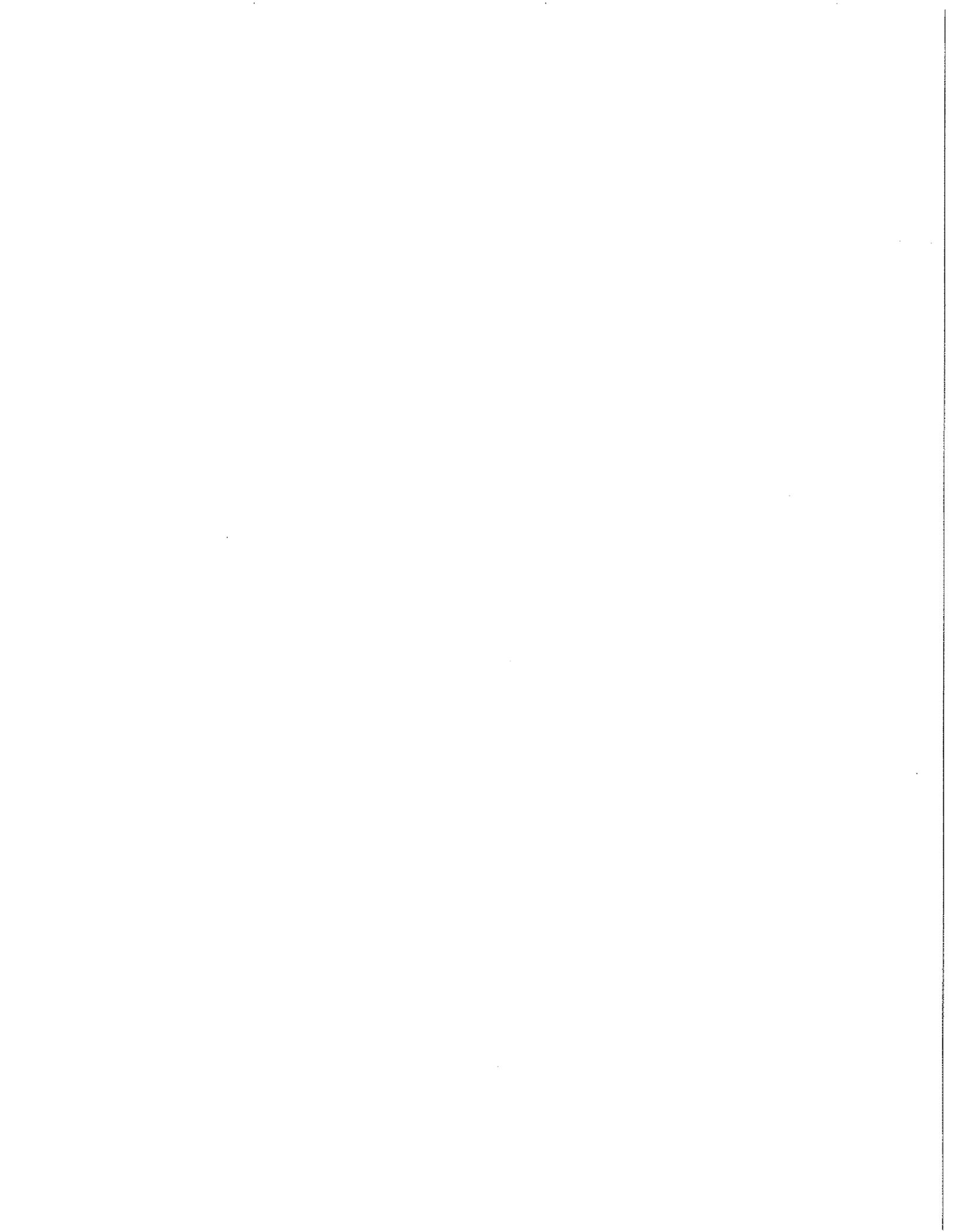
pc:
Putnam County Health Department
Ken Baughman, DDAGW-CO
Toni Buchanan, DDAGW-CO
DDAGW, NWDO File w/ enclosures

ec: Paul Brock, DDAGW-NWDO

Deadlines

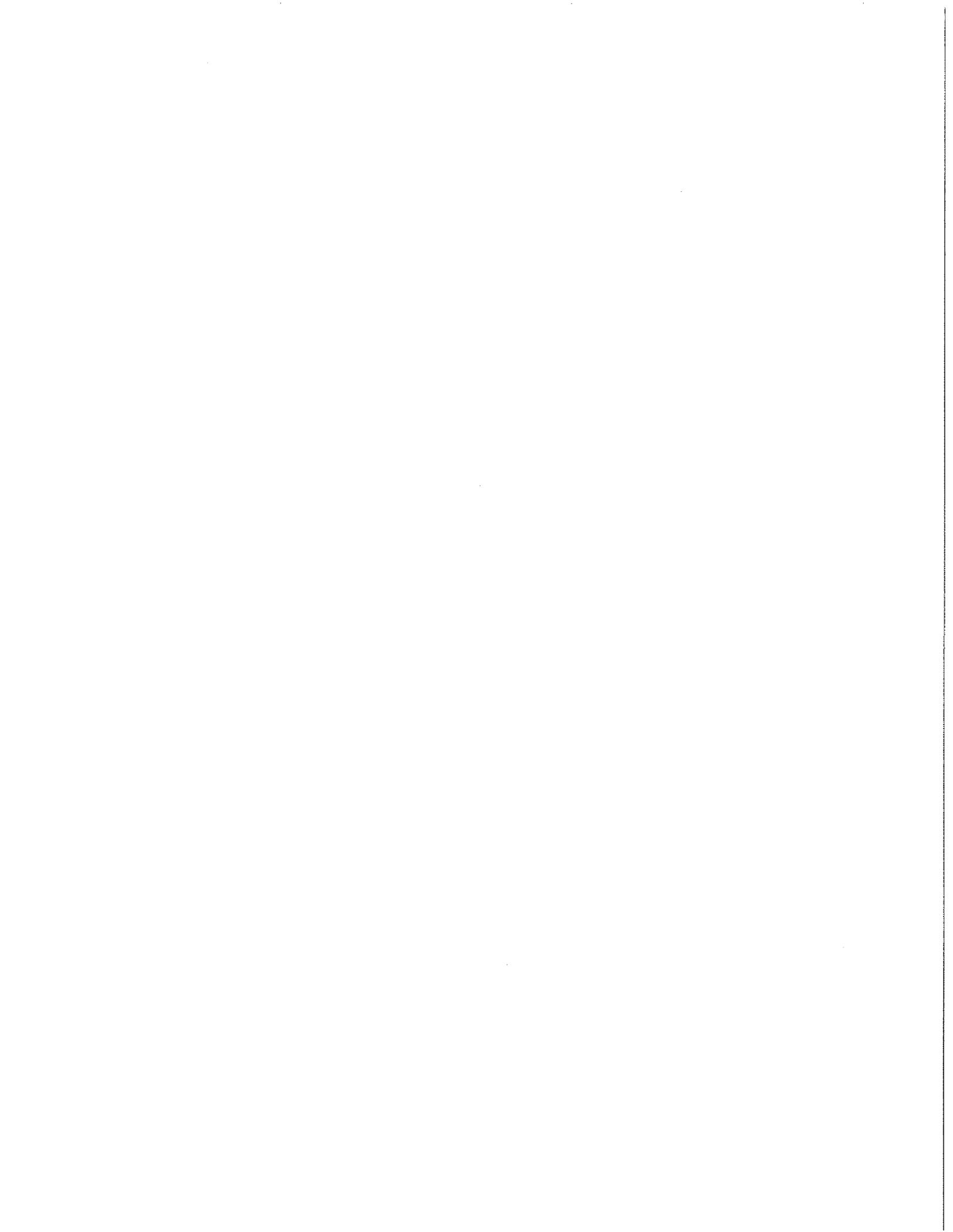
Monitoring Period: January 1 through June 30

Activity	Deadlines
Corrosion Control Recommendation	December 31, 2013
Detail Plans	December 31, 2013
Public Education (for Lead action level exceedances)	Immediately



**Public Education for
Community Water Systems
serving populations less than or equal to 3300**

Instructions, Materials to be distributed, Verification Form



**PUBLIC EDUCATION REQUIREMENTS & INSTRUCTIONS
FOR COMMUNITY PUBLIC WATER SYSTEMS
Serving populations less than or equal to 3300**

When a water system exceeds the lead action level of 15 µg/L, Ohio Administrative Code rule 3745-81-85 requires the water system to issue public education materials to their water customers by the following methods:

- a. **Post** informational posters containing the information on lead in drinking water in the attachment labeled "Lead Public Education For Community Public Water Systems" in a public place or common area in each of the buildings served by the water system;
- b. **Distribute** informational pamphlets and/or brochures containing the same information to each person served by the water system (see Public Education Brochure).

These items must be re-issued every 12 months for as long as the water system exceeds the lead action level.

Please note that in the enclosed attachments, there are several locations where your water specific information must be added.

Copies of the public education materials issued, a listing of to whom the public education materials were given, and the dates the public education was issued (use the attached Verification Form), must be sent to your Ohio EPA district office.

U.S. EPA also has a web site with templates for public education that you might find useful. This site is located at: <http://www.epa.gov/safewater/lcrmr/implement.html>

