

# **KENTUCKY LEAD REPORT**

## **FOCUS AREA – PUBLIC HEALTH & LEAD**

### **BACKGROUND INFORMATION:**

*A brief description of the subgroup topic area, less than 500 words*

### **CURRENT CONDITIONS:**

*The current state of knowledge on the topic. This section contains the body of knowledge on the topic and should include charts, graphs, and exhibits to assist with communication. Remember the audience is the water industry and the general public, elected officials. This section has variable length, but typically will be 5 to 10 pages, including exhibits.*

### **BEST PRACTICES:**

*This section is optional, and may include examples of best practices from other utilities across the state or nation, limit to 5 pages, and include exhibits, illustrations.*

### **RESOURCE NEEDS:**

*This section includes identification of resources needed to advance the state of knowledge. It may include financial, training, technology, research, legislative and other resource needs.*

### **RECOMMENDATIONS:**

*This section will include a summary of recommendations (less than 1 page) as follows:*

*The Kentucky Lead Workgroup provides the following recommendations:*

- *Support for A*
- *Training for B*
- *Technology for C*
- *Funding for D*
- *Research for E*
- *Legislation for F*

### **ACKNOWLEDGEMENTS:**

*This section includes recognition for the people/resources used for the sub-group work:*

- *Name, Credentials, Organization, email*
- *Greg Heitzman, PE, MBA, BlueWater Kentucky*


### **RESOURCES:**

1. *Title, Author(s), Publication Source, Date, Website*
2. *Kentucky Division of Water Annual Report, Fiscal Year 2010, Commonwealth of Kentucky, Energy and Environment Cabinet, Department for Environmental Protection, Division of Water:  
<http://water.ky.gov>*

**Kentucky  
Lead Work Group**

**Training Sub-Group**

Brian Thomas - City of Marion  
Tom Gebbard - KY DOW  
Greg Heltzman - Bluewater KY  
George Haynes - KY DCA  
Kelly Dearing Smith - Louisville Water Company  
Gary Larimore - KY Rural Water Association.



October 26, 2016

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**Kentucky  
Lead Work Group**

**How Do We Integrate  
Knowledge into our  
Curriculum?**

Train..  
Educate....  
Communicate.



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**Existing Training**

1. Federal Agencies
2. State Agencies
3. Trade Associations
4. Utilities
5. Other?



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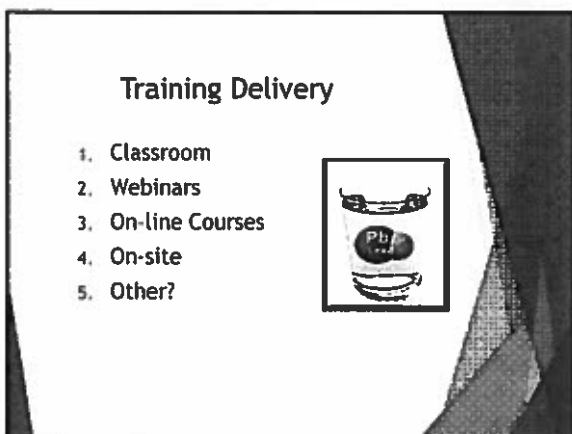
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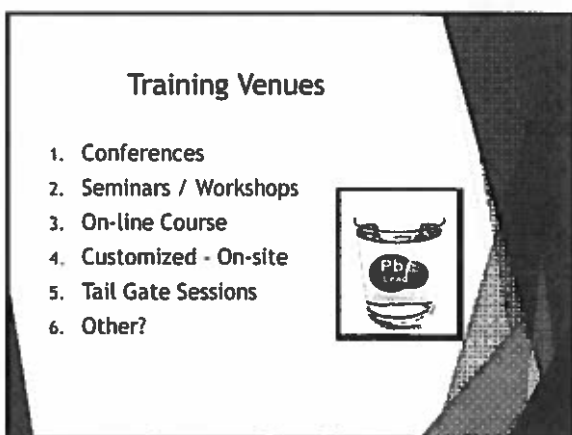
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**Safe Drinking Water Hotline**


1-800-4-A-DRINKING-WATER

- Monday - Friday
- 8:00am - 8:00pm EST
- 24 hrs. in Spanish before and after Thanksgiving Day
- 9am - 5pm PST

The hotline is operated under contract to the National Drinking Water Agency


**Educational Publications**

**LEAD In Your Drinking Water**



**Actions You Can Take To Reduce Lead In Drinking Water**

<https://www.epa.gov/dwresinfo/lead-and-copper-rule>



**National Lead Poisoning Prevention Week**  
October 23 - 29, 2016

<https://www.epa.gov/ground-water-and-drinking-water/dwres/info/about-lead-drinking-water>

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**OCCP** Kentucky operator certification program

- Teach corrosion control and lead reduction during Distribution Certification School
- Add more literature to the training manuals to help with lead awareness, potential incidents, and ways to prevent lead poisoning

**Upcoming Training Involving Lead Topics**

**December 13 & 14<sup>th</sup> Lake Barkley State Resort Park**  
Water Loss, Leak Detection and Distribution Deficiencies

**January 19 & 20<sup>th</sup> 300 Sower Blvd Frankfort KY**  
Lead Reduction and Awareness

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**Lead Management ...**  
**Three Prong Approach**

1. Maintain excellent water quality through Corrosion Control
2. Focus on Maintaining pipes that deliver water by Eliminating Remaining Lead Service Lines
3. Proactive Customer Education concerning lead in water

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**Louisville Water Company**  
Lead Service Line Replacement Program



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**Louisville Water Company**  
Flush the Line Program



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**Critical Stakeholders**

1. Elected Officials
2. Management/Decision Makers
3. Board Members
4. Water Treatment and Distribution Operators
5. Customer Service Representatives
6. Health Department
7. Other?

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**Take Home Message**

- Existing training does a good job covering the compliance aspects of the Lead and Copper Rule.
- Continue emphasis on water chemistry - corrosion control (Langelier Saturation Index)
- Continue providing continuing education training at conferences, seminars, etc.
- Focus on Infrastructure - Are utility personnel properly trained on identification of lead piping and proper protocols? Hands on Training

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**Take Home Message**

- Utilities need assistance with public education.
- Enhance training on customer education.
  - Properly answering customer questions.
  - How to partner with schools, daycares, health departments, hospitals, nursing homes, etc.
- How do you fold that training into what we already do?

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**Take Home Message**

- Develop training to educate critical stakeholders.
- To properly educate the public - stakeholders must be properly trained on how to communicate the message.
- What is the Message?
  - Your water is safe to drink!

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