



Lead and Copper Rule Revision Implementation Update

Lead in Drinking Water Workgroup

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Kentucky Division of Water



March 14, 2023

To Protect and Enhance Kentucky's Environment

Lead in Drinking Water Workgroup

Subgroups that have met so far:

- Service Line Inventory and Replacement
- Funding and Financing
- Small Systems
- Public Education and Communication
- Corrosion Control
- Schools, Childcare Centers, Public Health
- Procedures



Image credit: Know Your H2O <knowyourh2o.com>

Service Line Inventory and Replacement subgroup

Subgroup work and recommendations:	Actions taken:
Template and guidance for SL inventory	Excel template created, 5-page guidance document Collaborating on ArcGIS SL inventory solution
Individualized support to water systems	Created a pre-review survey, individualized feedback on SL inventory process
Training, outreach, case studies on SL inventory processes	Workshops on November 7, January 26, March 1

SL Inventory Template

PWSID: <input type="text" value="0"/>		PWS Name: <input type="text" value="0"/>			Date completed: <input type="text"/>					
Required section										
Service line ID (SLID)	Street address	Location Identifier (if using; see instructions)	City	ZIP code	Spatial coordinates		System-owned Service Line		Customer-owned Service Line	
					Latitude (decimal format)	Longitude (decimal format)	Service line material (choose)	SL material verification method (Final)	Service line material (choose)	SL material verification method (Final)

- Location information
- Material of every service line
- Verification method

Building type (choose)	Gooseneck/ connector material verified? (y/n)	Gooseneck/ connector material	Lead solder in service line?	Tap sampling results (list highest lead level detected)	Lead solder in premise plumbing?
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- Tap sampling data

Service Line Inventory and Replacement

DOW has met with Area Development District Water Management Councils

- Pennyrile
- KIPDA
- Buffalo Trace
- Bluegrass
- Kentucky River
- FIVCO
- Barren River
- Lake Cumberland
- Cumberland Valley (March 22)



Seth Wenig, AP Photo, DC Water



USEPA photo

Small Systems subgroup

- Letter mailed to systems serving <3,300
 - Also posted on DOW website and on Drinking Water Wednesday
 - Introductory information
- In process:
 - Work order template (track SL materials)
 - Fact sheet – SL verification methods
 - Template – customer communications



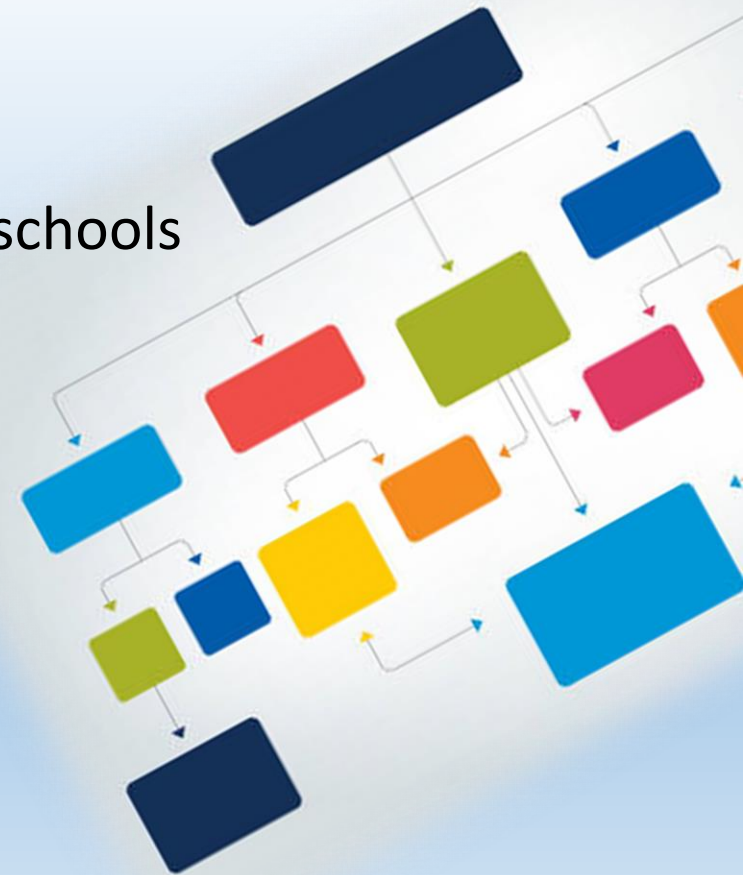
Funding and Financing subgroup

- Created a letter of recommendations
 - Split SRF allocations into two allotments: SL inventory and LSL replacement
 - Allow analysis to be based on project-area MHI (not just system-wide MHI)
 - Create alternative structures for SRF funding
 - E.g., for homeowners, or third-party non-profits
 - Suggestions for alternative perspectives on 49% principle forgiveness portion of SRF loans
- Initiated Funding Fact Sheet
 - Assisted DOW in compiling ideas and resources
 - Funding resources include SRF, HUD, Rural Development, CBDG, etc.
 - Posted on website



Public Education and Communication subgroup

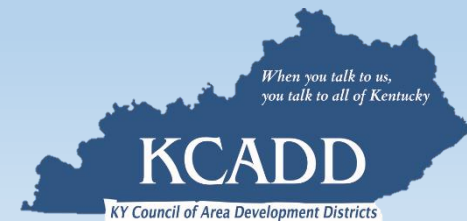
- In process:
 - Guidance packet – regulatory requirements, templates, communication materials
 - Guidance for developing a communication plan
 - Workshops
 - Developing consistent language for communicating with schools
- Alternative ideas under exploration – multi-media
- Considering environmental justice at each step



Division of Water Lead and Copper Outreach – 2022-23

Communication and Training

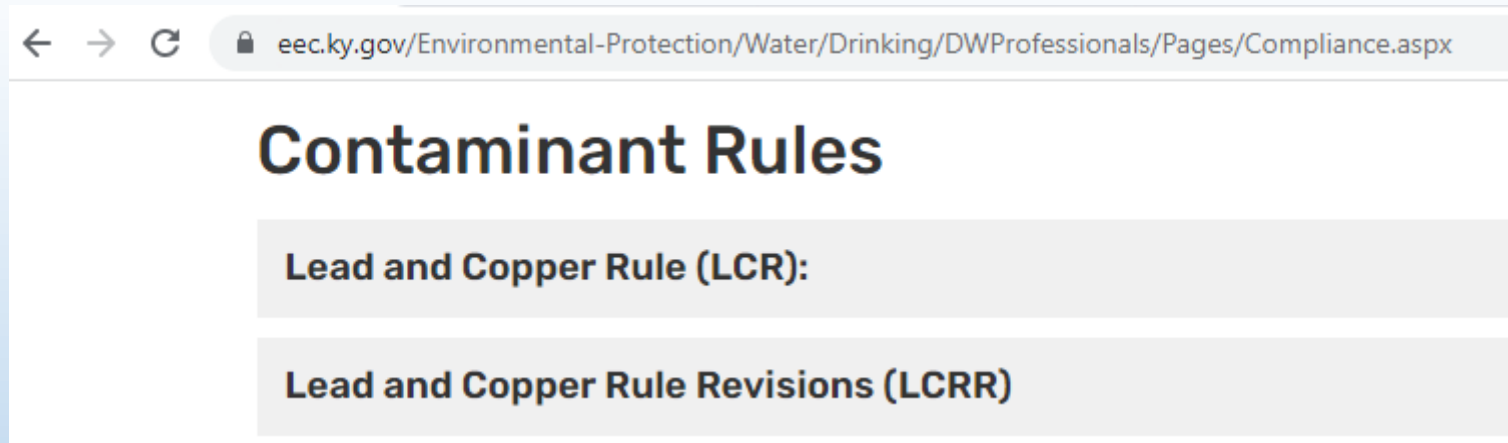
- 16 outreach events and trainings
 - At least 600 operators reached
 - Workshops, CEU trainings, meetings
- Drinking Water Wednesday
 - 8 editions dedicated to LCRR
- Providing individualized review and feedback of SL Inventory process
 - Pre-review survey
- 10 Area Development District Water Management Council meetings



Division of Water Lead and Copper Outreach – 2022-23

Guidance documents and Web Page

- LCRR tab on website

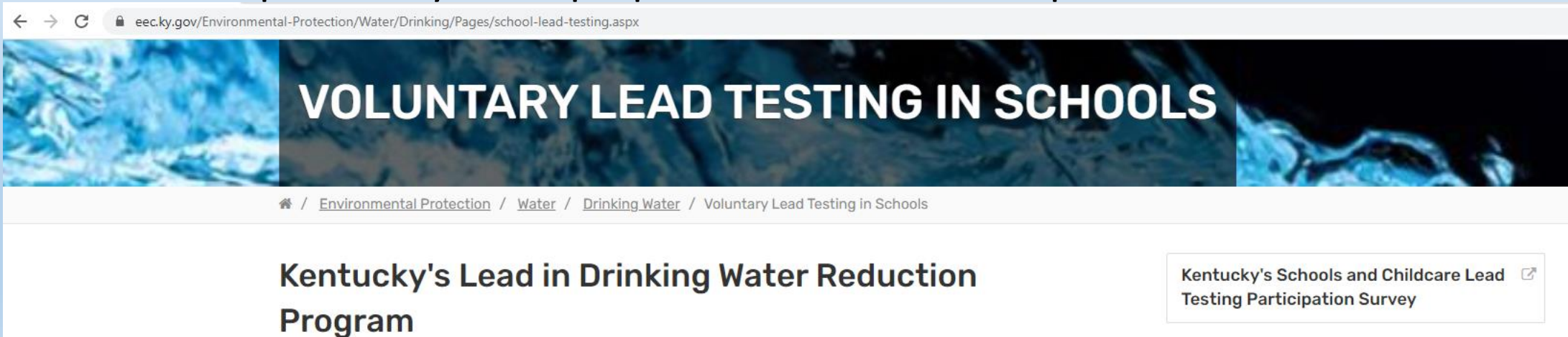


- Documents so far:
 - Start-up guidance
 - Excel template
 - Using GPS
 - Predictive modeling resources
 - Tap sampling

Lead in Schools

Voluntary School and Child Care Lead Testing and Reduction Grant Program (WIIN 2107)

- DOW will sample for lead in schools
- Priority:
 - disadvantaged, low-income communities
 - elementary schools and childcare centers built before 1986
- Schools can sign up now to volunteer for lead testing
- Can help water systems prepare for 2025 LCRR requirements



The screenshot shows a web browser window with the URL eec.ky.gov/Environmental-Protection/Water/Drinking/Pages/school-lead-testing.aspx. The page features a blue and white header with the text "VOLUNTARY LEAD TESTING IN SCHOOLS". Below the header is a breadcrumb trail: [Home](#) / [Environmental Protection](#) / [Water](#) / [Drinking Water](#) / [Voluntary Lead Testing in Schools](#). The main content area includes the text "Kentucky's Lead in Drinking Water Reduction Program" and a button labeled "Kentucky's Schools and Childcare Lead Testing Participation Survey" with an external link icon.

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Ongoing Collaborative Efforts

- Collaboration:
 - Partners (KRWA, ADDs, RCAP, et al.) – ArcGIS solutions
 - Division of Plumbing – inspectors assist with data collection on LSL locations
 - Kentucky Infrastructure Authority – WRIS and DWSRF
- In process (BIL set-asides):
 - Data management solution for DOW to compile data received from water systems
 - New term-limited DOW staff