Ohio's Lead Service Line Inventory

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Ohio EPA



Ohio Lead Maps Requirements 2022 and 2024

2022 Maps

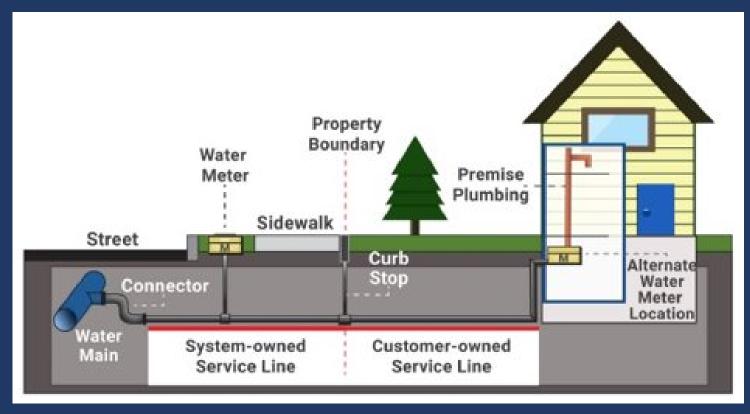
- Were due December 31, 2022
 - 1600 of 1750 PWSs submitted a new map or "no-change"
 - 79% of submissions were "no-change"

2024 Maps

- Expanded content and format requirements
- Developed state platform
- Incorporating 2024 inventory information



Service Line Inventory



Credit: US EPA



Service Line Inventory Materials Classification

Lead

• Service line is made of lead, a lead connector ≠ a lead service line

Galvanized Requiring Replacement

A galvanized line that is or was downstream of a lead service line

Non-Lead

Galvanized never downstream of lead, copper, plastic

Unknown

Material unknown



Service Line Initial Inventory

- All community water systems and non-transient noncommunity water systems must complete
- Due October 16, 2024
- Must include all service lines, regardless of use or ownership status using the 4 types of materials classification
- Must be on Ohio EPA's template
- Notification requirements, public accessibility information and required updates can be found in the instructions



Service Line Verification Methods

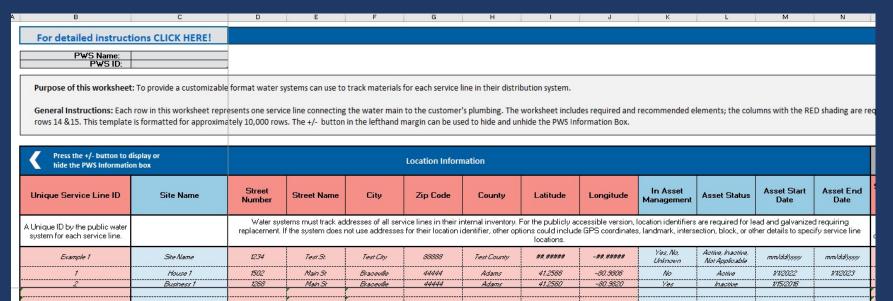
- Ohio's required inventory template based on federal template
- Combining LCRR inventory requirement & Ohio mapping requirement into one submission for PWSs
- Template is available on our website...no changes to template planned between now and 2024 submission
- Working with individual systems on how to use their GIS data with our template.
- Ohio EPA does not endorse a specific product for inventories





Service Line Inventory Template

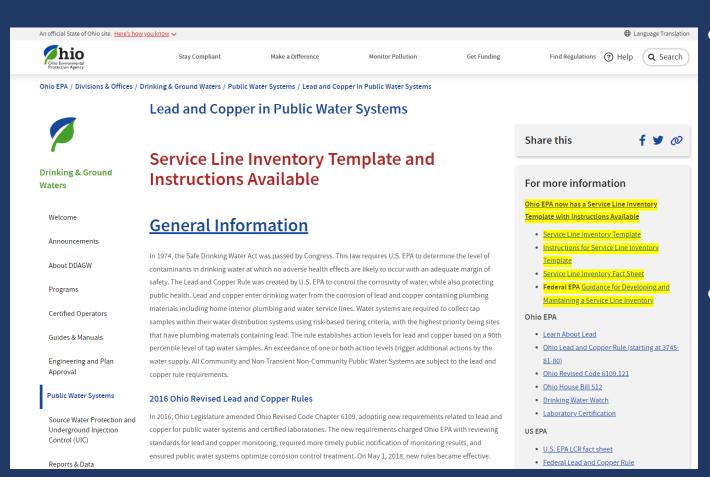




- Red = required
- Blue = recommended

Press the +/- button to display or hide the PWS Information box		System-Owned Portion												Customer-Owned Portion					
Unique Service Line ID	Site Name	System-Owned Portion Service Line Material	If Non-Lead in Column O_		Is the Service Line	Service Line	Service Line	Service Line	Basis of Material	Was the Service Line Material	If Yes in Column ₩_		Customer-Owned Portion Service Line Material		Service Line	Service Line	Dasis of Material	Was the S Line Ma	
		Classification	Was Material Ever Previously Lead?	Service Line Installation Date	Metered	Use	Size	Length	Classification	Field Verified?	Describe the Field Verification Method	Enter the Date of Field Verification	Classification	Installation Date	Size	Length	Classification	Field Yes	
A Unique ID by the public water system for each service line.		If "Non-Lead Other", describe in Comments field	Important for determining if service line requires replacement		Service Line Metered or Not Mettered	Drinking, Non- Drinking, Combination	Diameter in inches	Length in Feet	Select option from drop down list. If "Other," describe in the Notes field		If Other, describe in the Notes field	Estimated date of field verification or date that the record was updated	If "Non-Lead Other", describe in Comments field	Estimated date when the service line was installed or replaced	Diameter in inches	Length in Feet	If Other, describe in the Notes field		
Exemple !	Site Nome	Man-Lood-Capper	Par	3/16/1666	Par	Dinking	150	6	Fieldings etion and suith no records	No			Lood	77411905	125	6	Francis w metariels avaluation	Par	
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Where to Find Info on the Inventory



- Available on our Website Currently
 - Template and Instructions
 - Fact Sheets
 - Funding Webinar
 - Guidance from US EPA
- Inventory webinars







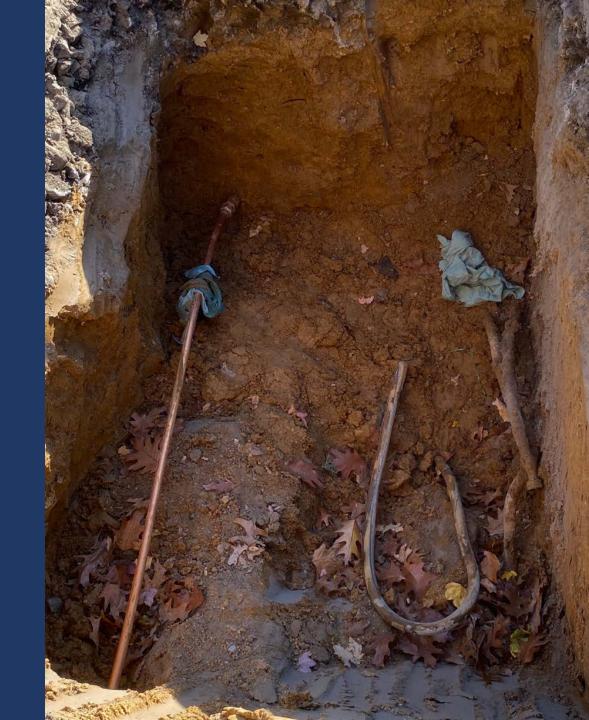


- Where do I start?
- GRR
- Lack of manpower
- Contractor availability
- Records
- Getting to the finish line



Funding Summary

- H2Ohio
 - State funding
 - \$10 million each year for the last 4 years
 - \$20 million next 2 years
- Drinking Water State Revolving Fund
 - Base Drinking Water State Revolving Fund
- New Bipartisan Infrastructure Law (IIJA)
 - General Supplemental
 - Emerging Contaminants
 - Lead Service Line
- Water Infrastructure Improvements for the Nation Act (WIIN)



Identification and Mapping Year 3

- \$2.1 million
- 48 systems
- \$600k to RCAP and ORWA

Identification and Mapping Year 4

- \$2.4 million
- 53 systems in 37 counties

Lead Service Line Replacement

Year 3

- \$2.4 million
- 6 systems
- Delphos, Lockland, Norwood, Scio, Sebring, Hubbard

Distribution Equipment Year 4

- \$1 million
- ~116 systems



Small System Technical Assistance

Program	Purpose
DWSRF General Supplemental	RCAP – training, technical assistance
DWSRF Lead Service Line Replacement	LSL identification, mapping, inventory through RCAP
Base DWSRF	ORWA – training, technical assistance

Ohio Rural Community Assistance Program (RCAP)

- Direct assistance to PWS under 10,000 in population
- Development of service line inventory
- Outreach to the community
- Assistance and training in identification
- In total, they are working with over 60 communities on service line inventories



Service Line Inventory Direct Assistance Contract

- Currently with the state Development Administrative Services for draft and advertising
- Anticipating advertising early 2024
- Likely contracting with multiple vendors to meet the needs of Ohio's PWS
- Ohio EPA's goal is to be in contract early next year



LSL Outreach Events

- LSL Funding Workshops
- Inventory Webinars
- Dedicated Email
- Presentations with Professional Organizations





Funding and Technical Assistance

Lead Service Line and Brownfield Funding Open House

Northeast Ohio

September 7, 2:00 pm - 4:00 pm



ortunities related to lead service lines and Brownfields. Meet our team to discuss ing lead and copper regulations, funding for lead service lines, and technical assistance silable to public water systems. The Ohio Brownfields team will be available to discuss potential projects in your community, and the funding and technical assistance opportunities vailable throughout the state. Don't miss out on the chance to learn more about the significant resources available to your community!

or questions and to RSVP, please email James Gault (james.gault@epa.ohio.go



RASOF

Proposal to serve

Ohio Environmental Protection

Agency

Consulting Services for Developing Ohio Strategy to Address Lead in Drinking Water

RFP Number: SRC000000503 Index Number: EPA021 UNSPSC Category: 77101500

Technical Propos
Submitted by:

October 05, 202 kpmg.com



Ohio Lead Strategy Project

- Project Kickoff in January
- Contract with KPMG
 - Rasor Marketing Communications
- 12-month ambitious effort



Environmental Protection Agency

Key Challenges

- Securing sufficient funding (across all sectors)
 - Needs > current funding
 - Funding private side
- Homeowner engagement: resistance for variety of reason
 - Trust, cost, damage to home/landscaping
 - Rental properties
- Lack of consistent regulations and policy across state
 - Need regulatory/legislative tools to ensure private side engagement
 - Need clarity on future LCR requirements and more comprehensive state guidance
- Lack of trust across all levels
 - General lack of trust in government
 - Additional barriers in disadvantaged, rural, and lower income areas

Thank you!

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