PWS Information

Purpose of this worksheet: *For water systems to document basic system information.*

Facility Information			
Water System Name:			
City of Canfield			
PWSID:	Population Served (number of people):	Number of Service Connections:	PWS Type:
OH5000503	**7,608**	**3309**	☑ CWS ☐ NTNCWS
If you are a CWS, do multi-family residences comprise at least 20% of the structures you serve?			*Select "Yes" or "No"*
Mailing Address			
Street or P.O. Box:			
104 Lisbon St			
City or Town:		State:	Zip Code:
Canfield		**Ohio**	**44406**
System Contact Person			
Name:		Title:	
John Rapp		**Public Works Superintendent**	
Telephone:		Email:	
330 533 1101		jrapp@canfield.gov	
Person Who Prepared Inventory (if different from above)			
Name:		Title/Affiliation:	
RCAP Guidance			
Telephone:		Email:	

Inventory Methodology

PWS Name: City of Canfield
PWSID: OH5000503

Enter Date Last Updated:	**10/10/24**

Purpose of this worksheet: *For water systems to document the methods and resources they used to develop and update their inventory.*

Part 1: Historical Records Review

Type of Record	Describe the Records Reviewed for Your Inventory and Indicate Your Level of Confidence (*e.g.* , Low, Medium, or High)
1. Previous Materials Evaluation *Example: Locations of Tier 1 lead tap sampling locations that are served by a lead service line.*	2017 lead mapping - high confidence, but not all evidence based, relied on institutional knowledge primarily.
2. Construction Records and Plumbing Codes *Examples: Local ordinance adopting an international plumbing code. Permits for replacing lead service lines.*	Canfield adopted an ordinance in 1940 that prohibited use of any pipe other copper for water service lines. This significantly pre-dates the federally established ban on lead pipe - Safe Drinking Water Act Amendments of 1986, Section 1417. High confidence.
3. Water System Records *Examples: Capital improvement plans. Standard operating procedures. Engineering standards.*	
4. Distribution System Inspections and Records Examples: *Distribution system maps. Tap cards. Service line repair/replacement records. Inspection records. Meter installation records.*	Water meter replacement records show the customer owned service line material. Around 1000 of these were used to add verified data to the inventory. The meter replacements continue as part of a mass replacement project. Water main install dates shown in GIS. High confidence.
5. Additional Records Required by Your State	
6. Other Records	County Auditor data showing building construction dates used to determine services installed after the lead ban. High confidence.

Part 2: Identifying Service Line Material During Normal Operations

1. During which normal operating activities are you collecting information on service line material? Check all that apply.

- ☐ Water meter reading
- ☑ Water meter repair or replacement
- ☑ Service line repair or replacement
- ☑ Water main repair or replacement
- ☑ Backflow prevention device inspection
- ☐ Other

If "Other", please explain:

2. Did you develop or revise standard operating procedures to collect service line material information during normal operation? *No*

If "Yes", please describe:

Part 3: Service Line Investigations

1. Identify the service line investigation methods your system used to prepare the inventory (check all that apply). If a water system chooses an investigation method not specified by the state under 40 CFR §141.84(a)(3)(iv), state approval is required. ***Note that investigations are not required by the LCRR but can be used by systems to assess accuracy of historical records and gather information when service line material is unknown.***

- ☑ Visual Inspection at the Meter Pit
- ☑ Customer Self-Identification
- ☐ CCTV Inspection at Curb Box - External
- ☐ CCTV Inspection at Curb Box - Internal
- ☐ Water Quality Sampling - Targeted
- ☐ Water Quality Sampling - Flushed
- ☐ Water Quality sampling - Sequential
- ☐ Water Quality Sampling - Other
- ☐ Mechanical Excavation
- ☑ Vacuum Excavation
- ☐ Predictive Modeling
- ☐ Other

If "Other", please explain:

2. If "Predictive Modeling", please briefly describe the model and inputs used:

3. How did you prioritize locations for service line materials investigations? For example, did you consider environmental justice and/or sensitive populations, did you use predictive modeling, and/or did you target areas with high number of unknowns?

Areas were prioritized based on age and installation dates. Only a small portion of town has homes and water mains that pre-date 1940.

Inventory Summary

PWS Name: City of Canfield
PWSID: OH5000503

Enter Date Last Updated:	**10/10/24**

Purpose of this worksheet: *For water systems to provide a summary of their service line inventory, including information on ownership, inventory format, and the number of service lines for each of the four required materials classifications.*

Part 1. General Information

1. Is this the **Initial Inventory** or an **Inventory Update**?	*Initial Inventory*
2a. Who **owns the service lines** in your system? *If other, please explain below.*	*Ownership is split, meaning that the system owns and portion and the customer owns a portion*
2b. Is there documentation that defines service line ownership in your system, such as a local ordinance? *If yes, please describe below and explain where ownership is split (e.g., property line, curb stop).*	*Yes*

Ownership split at curb box.

3a. Describe when lead service lines were generally installed in your system.

No lead lines believed to exist in the system. If there are any they would have been installed before 1940.

3b. When were lead service lines banned in your system? Reference the state or local ordinance that banned the use of lead in your system.

Local ordinance banned any pipe material other copper in 1940.

4. Do you have lead goosenecks, pigtails or connectors in your system?	*Don't Know*

5. What is your overall level of confidence in the inventory (*i.e.* , "Low", "Medium", or "High.") Please explain your rationale below.

High. Good quantity and quailty of record sources backed up by sampled inspection work.

Part 2. Inventory Format

Describe your inventory format in the space provided below (*e.g.* , the **Detailed Inventory** worksheet, custom spreadsheet, GIS map). Provide the filename and/or web address if applicable. ***Note that the state may require you to submit your detailed inventory of each service line in your distribution system.***

The inventory is primarily kept web-enabled GIS. An OEPA compliant spreadsheet has been created for the 2024 initial inventory deadline.

Part 3. Inventory Summary Table [1]

If you are using the ***Detailed Inventory*** *worksheet, the classifications you select in the Column "Entire Service Line Material Classification" (Column X) will be used to calculate the total number of service lines for each of the four material classifications below. Otherwise, enter the number of service lines in the aqua-colored cells.* ***Remember this is the classification for the entire service line.***

Service Line Material Classification	Definition	Total Number of Service Lines (REQUIRED to be reported under the LCRR)
Lead	Any portion of the service line is known to be made of lead.[2]	0
Galvanized Requiring Replacement (GRR)	The service line is not made of lead, but a portion is galvanized and the system is unable to demonstrate that the galvanized line was never downstream of a lead service line.	0
Non-Lead	All portions of the service line are known NOT to be lead or GRR through an evidence-based record, method, or technique.	3,162
Lead Status Unknown	The service line material is not known to be lead or GRR. For the entire service line or a portion of it (in cases of split ownership), there is not enough evidence to support material classification.	147
	TOTAL	3,309

Notes

[1] This summary table is for reporting material for the entire service line connecting the water main to the customer's plumbing. See the **Classifying SLs** worksheet for additional guidance on assigning a materials classification to the entire service line when ownership is split. Remember that systems must track the system-owned and customer-owned portions separately in their inventory.

[2] A lead-lined galvanized service line is consistent with the definition of an LSL under the LCRR ("a portion of pipe that is made of lead, which connects the water main to the building inlet") (40 CFR §141.2) and must therefore be classified in the inventory as an LSL. Do NOT, however, count non-lead service lines with a lead gooseneck or pigtail as lead service lines unless required by your state.

Public Accessibility Documentation

PWS Name: City of Canfield
PWSID: OH5000503

Enter Date Last Updated:	**10/10/24**

Purpose of this worksheet: For systems to provide documentation to states on how they met the public accessibility requirements of the LCRR.

1. Select the location identifiers that you use for your service line inventory. Check all that apply.

- [x] Address
- [x] Street
- [ ] Block
- [ ] Intersection
- [ ] Landmark
- [x] GPS Coordinates
- [ ] Other

If "Other", please describe:

2. Does ***every service line*** have a location identifier? *Yes*

If "No", explain. Remember that location identifiers are required for service lines that are lead and galvanized requiring replacement.

3. How are you making your inventory publicly accessible? Check all that apply. *Remember that if your system serves > 50,000 people, you* ***must*** *provide the inventory online.*

- [ ] Interactive online map
- [ ] Static online map
- [ ] Online spreadsheet
- [ ] Printed service line map
- [ ] Printed tabular data
- [ ] Information on water utility mailings or newsletter
- [x] Hard copy information available in water system office
- [ ] Other

If "Other", please describe: