

PWS Information

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

Facility Information

Water System Name:

City of Pittsburg

PWSID:	Population Served (number of people):	Number of Service Connections:	PWS Type:
CA0710008	76,000	19,526	<input checked="" type="checkbox"/> CWS <input type="checkbox"/> NTCWS

Mailing Address

Street or P.O. Box:

65 Civic Avenue

City or Town:	State:	Zip Code:
Pittsburg	CA	94565

System Contact Person

Name:	Title:
Jorge Esparza	Public Works Superintendent
Telephone:	Email:
(925) 252-4935	jesparza@pittsburgca.gov

Person Who Prepared Inventory (if different from above)

Inventory Methodology

Enter Date Last Updated: 08/23/24

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
1. Construction Records and Plumbing Codes <i>Examples: Local ordinance adopting an international plumbing code. Permits for replacing lead service lines.</i>	Permits issued by the city for private side replacements.
2. Water System Records <i>Examples: Capital improvement plans. Standard operating procedures. Engineering standards.</i>	Service line install dates on the public side, service line size and material information stored in GIS, as-builts maintained by the water system, engineering specifications for the city that prohibited lead service lines to be used for the public side after 1983, and capital improvement plans.
3. Distribution System Inspections and Records <i>Examples: Distribution system maps. Tap cards. Service line repair/replacement records. Inspection records. Meter installation records.</i>	Land development records with distribution maps.
4. Other Records	Public data such to determine build year such as Zillow, Redfin, and other real estate data and historical satellite imagery.

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.

- | | |
|--|--|
| <input checked="" type="checkbox"/> Water meter reading | <input checked="" type="checkbox"/> Water main repair or replacement |
| <input checked="" type="checkbox"/> Water meter repair or replacement | <input type="checkbox"/> Backflow prevention device inspection |
| <input checked="" type="checkbox"/> Service line repair or replacement | <input type="checkbox"/> Other |

If "Other", please explain:

2. Did you develop or revise standard operating procedures to collect service line material information during normal operation? Yes

If "Yes", please describe:

If lead is encountered in the field, it gets reported to the supervisor, removed, and documented.

Part 3: Service Line Investigations

1. Identify the service line investigation methods your system used to prepare the inventory (check all that apply).

- | | |
|--|--|
| <input checked="" type="checkbox"/> Visual Inspection | <input type="checkbox"/> Water Quality Sampling - Other |
| <input type="checkbox"/> Customer Self-Identification | <input type="checkbox"/> Predictive Models or Statistical Analysis |
| <input checked="" type="checkbox"/> Pipe Dating | <input checked="" type="checkbox"/> Interpolation |
| <input checked="" type="checkbox"/> Pipe Diameter | <input checked="" type="checkbox"/> Interviews |
| <input type="checkbox"/> Water Quality Sampling - Targeted | <input type="checkbox"/> Emerging Methods |
| <input type="checkbox"/> Water Quality Sampling - Flushed | <input type="checkbox"/> Other |
| <input type="checkbox"/> Water Quality Sampling - Sequential | |

If "Other" or "Emerging Methods," please explain:

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

The City of Pittsburg followed the Stratified Random Sampling protocol developed by CA Water Boards and outlined in the workplan provided to the State. The SRS workplan was approved by Water Boards on June 4th, 2024.

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?

After reviewing all relevant historical records and incorporating the findings into the inventory, the remaining unknowns were stratified into groups based on year built, including a build year group for unknown build years.. The locations selected for physical verification were selected at random, as required by the Stratified Random Sampling methodology.

Inventory Summary

Enter Date Last Updated: **08/23/24**

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.

Note that water systems may submit their completed LCRR initial inventories before October 16, 2024. Pursuant to 40 CFR 141.85(e), water systems must provide public notification to customers served by lead, galvanized requiring replacement, and/or lead status unknown service lines within 30 days after DDW's approval of the completed inventory. DDW will notify water systems by email when their inventory submission is approved.

Part 1. General Information

1. Is this the Initial Inventory or an Inventory Update ?	<i>Initial Inventory</i>
2. Who owns the service lines in your system? <i>If other, please explain below.</i>	<i>Ownership is split, meaning that the system owns and portion and the customer owns a portion</i>
3. When were lead service lines banned in your system? Reference the state or local ordinance that banned the use of lead in your system. Public side installations were banned after 1983 based on an engineering specification document for the City of Pittsburg. On the private side, the state lead ban date of January 1, 1986 was used.	
4. Do you have lead goosenecks, pigtails or connectors in your system?	<i>Don't Know</i>

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.

Detailed Inventory worksheet

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" 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 blue- and aqua colored-cells.*

Table 3.1. Inventory Summary by Ownership

Service Line Material Classification	Number of Water System Owned Service Lines	Number of Customer Owned Service Lines
Lead	0	0
Galvanized	6	16
Galvanized Requiring Replacement	0	0
Non-Lead - Copper	13722	232
Non-Lead - Plastic	2811	123
Non-Lead - Other	2987	19155
Unknown	0	0
TOTAL	19526	19526

Table 3.2. Inventory Summary Total

Service Line Material Classification	Definition	Total
Lead	Any portion of the service line is known to be made of lead.	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.	19,526
Lead Status Unknown	The service line material is not known to be lead, GRR, or non-lead line. For the entire service line or a portion of it (in cases of split ownership), there is no evidence to support material classification.	0

Lead Gooseneck/Fitting	A short section of piping, typically not exceeding two feet, which can be bent and used for connections between rigid service piping.	0
Total Number of Service Lines		19,526

Notes
This summary table is for reporting material for the entire service line connecting the water main to the customer's plumbing. See the Section 4 of the Inventory Instructions or Exhibit 2-2 of U.S. EPA's Guidance for Developing and Maintaining a Service Line Inventory (US EPA, 2022).

Public Accessibility Documentation

Enter Date Last Updated:

08/23/24

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.

- Address
- Street
- Block
- Intersection
- Landmark
- 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
- Hard copy information available in water system office
- Other

If "Other", please describe: