

PWS Information

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

Facility Information

Water System Name:

EDWARDS AFB - MAIN BASE

PWSID:	Population Served (number of people):	Number of Service Connections:	PWS Type:
CA1510701	11,316	1088	<input checked="" type="checkbox"/> CWS <input type="checkbox"/> NTNCWS

Mailing Address

Street or P.O. Box:

70 N. WOLF AVE

City or Town:	State:	Zip Code:
Edwards AFB	CA	93524

System Contact Person

Name:	Title:
Mark Edwards	Chief, Infrastructure Maintenance Flight
Telephone:	Email:
(661) 275-2190	mark.edwards@us.af.mil

Person Who Prepared Inventory (if different from above)

Inventory Methodology

Enter Date Last Updated: 09/11/24

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>	Real property records, utility master plans, and as-built drawings.
2. Water System Records <i>Examples: Capital improvement plans. Standard operating procedures. Engineering standards.</i>	Geographic Information System (GIS) potable water data. Real property records and as-built drawings.
3. Distribution System Inspections and Records <i>Examples: Distribution system maps. Tap cards. Service line repair/replacement records. Inspection records. Meter installation records.</i>	
4. Other Records	

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 type="checkbox"/> Water meter reading | <input type="checkbox"/> Water main repair or replacement |
| <input type="checkbox"/> Water meter repair or replacement | <input checked="" type="checkbox"/> Backflow prevention device inspection |
| <input 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? 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).

- | | |
|--|--|
| <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 type="checkbox"/> Pipe Dating | <input type="checkbox"/> Interpolation |
| <input type="checkbox"/> Pipe Diameter | <input 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.

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?

All service lines were investigated through record review or non-intrusive field investigations.

Detailed Inventory

Date Last Updated:9/12/2024

Purpose of this worksheet: To provide a template for water systems to track materials for each service line in their distribution system.

General Instructions: Each row in this worksheet represents one service line connecting the water main to the customer's plumbing. The columns with the aqua shading are required for the Inventory Summary tab. Note that users can freeze panes to enable them to see the headings and notes when entering data. The worksheet includes example rows and is formatted for approximately 10,000 entries. Please refer to the red triangle in the upper corner for additional instructions.

Location Information			System-Owned Portion										Customer-Owned Portion										Entire Service Line Material Classification (If error or "Missing Information" appears in either column, fill in correctly. See instructions).
Unique Service Line ID	Street Address	Other Locational Identifier	System-Owned Portion Service Line Material Classification	Lead Connector Present?	If Material Anything Other than "Lead" in Column C, Was Material Ever Previously Lead?	Service Line Installation Date	Service Line Size (Inches)	Basis of Material Classification	Was the Service Line Material Field Verified?	Describe the Field Verification Method	Enter the Date of Field Verification	Notes	Customer-Owned Portion Service Line Material Classification	Service Line Installation Date	Service Line Size (Inches)	Basis of Material Classification	Was the Service Line Material Field Verified?	Describe the Field Verification Method	Enter the Date of Field Verification	Notes			
24	8046 24		Non-Lead - Copper	Don't Know	No			Historical records					Non-Lead - Copper			Historical records				Non-Lead			
143	8046 238		Non-Lead - Other	Don't Know	No			Historical records					Non-Lead - Other			Historical records				Non-Lead			
143.1	8046 245		Non-Lead - Other	Don't Know	No			Historical records					Non-Lead - Other			Historical records				Non-Lead			
143.2	8046 245		Non-Lead - Other	Don't Know	No			Historical records					Non-Lead - Other			Historical records				Non-Lead			
143.3	8046 245		Non-Lead - Other	Don't Know	No			Historical records					Non-Lead - Other			Historical records				Non-Lead			
143.4	8046 245		Non-Lead - Other	Don't Know	No			Historical records					Non-Lead - Other			Historical records				Non-Lead			
143.5	8046 245		Non-Lead - Other	Don't Know	No			Historical records					Non-Lead - Other			Historical records				Non-Lead			
1436.1	8046 252		Non-Lead - Other	Don't Know	No			Historical records					Non-Lead - Other			Historical records				Non-Lead			

Error Count:
Rows Missing Information:

Inventory Summary

Enter Date Last Updated: 09/11/24

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 ?	<i>Initial Inventory</i>
2. Who owns the service lines in your system? <i>If other, please explain below.</i>	<i>The entire service line is owned by the water system</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. The system is a federal facility and follows the federal Safe Drinking Water Act (SDWA) Lead ban instituted on June 19, 1986 which prohibited use of pipe, solder, or flux in Public Water Systems that is not "lead free". California implemented the lead ban effective January 1986, as outlined in Chapter 300.6 of the CA Health and Safety Code (CA HSC 1985).	
4. Do you have lead goosenecks, pigtails or connectors in your system?	<i>No</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 in the State-specified template.

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	6
Galvanized Requiring Replacement	0	0
Non-Lead - Copper	22	22
Non-Lead - Plastic	970	970
Non-Lead - Other	90	90
Unknown	0	0
TOTAL	1088	1088

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.	1,088
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		1,088

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:

09/11/24

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:

Unique Air Force Facility IDs for buildings, structures, and recreational areas are used for the "Unique Service Line ID" with "-1", "-2", etc. following to represent each service line for that facility.

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:

Excel version of the service line inventory is aslo available for viewing at the water system office.