

PWS Information

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

Facility Information

Water System Name:

FLAGLER BEACH WTP

PWSID:	Population Served (number of people):	Number of Service Connections:	PWS Type:
2180349	4,830	3498	<input checked="" type="checkbox"/> CWS <input type="checkbox"/> NTNCWS

If you are a CWS, do multi-family residences comprise at least 20% of the structures you serve? **Yes**

Mailing Address

Street or P.O. Box:

4680 SEMINOLE WOODS

City or Town:	State:	Zip Code:
FLAGLER BEACH	FL	32136

System Contact Person

Name:	Title:
JIM RAMER	
Telephone:	Email:
3865172042	

Person Who Prepared Inventory (if different from above)

Inventory Methodology

PWS Name: FLAGLER BEACH WTP

PWSID: 2180349

Enter Date Last Updated: **10/16/24**

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 <i>Example: Locations of Tier 1 lead tap sampling locations that are served by a lead service line.</i>	N/A
2. Construction Records and Plumbing Codes <i>Examples: Local ordinance adopting an international plumbing code. Permits for replacing lead service lines.</i>	LEAD BAN OF 1989
3. Water System Records <i>Examples: Capital improvement plans. Standard operating procedures. Engineering standards.</i>	N/A
4. Distribution System Inspections and Records <i>Examples: Distribution system maps. Tap cards. Service line repair/replacement records. Inspection records. Meter installation records.</i>	N/A
5. Additional Records Required by Your State	N/A
6. Other Records	N/A

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

If "Other", please explain:

SERVICE LINE CONNECTION SURVEY

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.**

- | | |
|--|--|
| <input checked="" type="checkbox"/> Visual Inspection at the Meter Pit
<input type="checkbox"/> Customer Self-Identification
<input type="checkbox"/> CCTV Inspection at Curb Box - External
<input type="checkbox"/> CCTV Inspection at Curb Box - Internal
<input type="checkbox"/> Water Quality Sampling - Targeted
<input type="checkbox"/> Water Quality Sampling - Flushed | <input type="checkbox"/> Water Quality Sampling - Other
<input type="checkbox"/> Mechanical Excavation
<input checked="" type="checkbox"/> Vacuum Excavation
<input type="checkbox"/> Predictive Modeling
<input type="checkbox"/> Other |
|--|--|

Water Quality sampling - Sequential

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?

INSPECTED EVERY WATER SERVICE LINE INSTALLED PRIOR TO 1989

Inventory Summary

PWS Name: FLAGLER BEACH WTP

PWSID: 2180349

Enter Date Last Updated: **10/16/24**

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? <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>
2b. Is there documentation that defines service line ownership in your system, such as a local ordinance? <i>If yes, please describe below and explain where ownership is split (e.g., property line, curb stop).</i>	No
3a. Describe when lead service lines were generally installed in your system.	REMOVED IN 1992 INSTALLATION DATE N/A
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.	1989
4. Do you have lead goosenecks, pigtails or connectors in your system?	No
5. What is your overall level of confidence in the inventory (<i>i.e.</i> , "Low", "Medium", or "High.") Please explain your rationale below.	MEDIUM

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.**

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" (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.	57
Non-Lead	All portions of the service line are known NOT to be lead or GRR through an evidence-based record, method, or technique.	3,244
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.	180
TOTAL		3,481

Notes

¹This 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.

²A 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: FLAGLER BEACH WTP

PWSID: 2180349

Enter Date Last Updated:

10/16/24

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:

Detailed Inventory

PWS Name: FLAGLER BEACH WTP

PWSID: 2180349

Date Last Updated:

10/16/2024

Purpose of this worksheet: To provide a customizable format water systems can use 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 worksheet includes required and recommended elements; the columns with the aqua shading are required by the LCRR. Systems can customize by adding or deleting columns. Important notes for each column are in Row 12; also see the **Template Instructions** worksheet for detailed instructions. Note that users can freeze panes to enable them to see the headings and notes when entering data. The worksheet includes examples in rows 13 - 20 and is formatted for approximately 10,000 entries.

Location Information				System-Owned Portion					
Unique Service Line ID	Location Identifier		Sensitive Population? (Yes/No)	Disadvantaged Neighborhood? (Yes/No)	System-Owned Portion Service Line Material Classification	If Non-Lead in Column G, Was Material Ever Previously Lead?	Service Line Installation Date	Service Line Size	Basis of Material Classification
	Street Address	Other Location Identifier							
<i>A Unique ID is recommended for each service line.</i>	<i>Water systems must track addresses of all service lines in their internal inventory. For the publicly accessible version, location identifiers are required for lead and galvanized requiring replacement. If the system does not use addresses for their location identifier, other options could include GPS coordinates, landmark, intersection, block, or other details to specify service line locations.</i>		<i>Select Yes if sensitive subpopulation, e.g., day care, school, multifamily home. If Yes-Other, describe in the Notes field.</i>	<i>Does location meet state affordability guidelines or other measures?</i>	<i>Dropdown list includes recommended subclassifications. If "Non-Lead Other", describe in Notes field</i>	<i>Select Yes, No, or Don't know. Important for determining if downstream/ customer-owned galvanized service line requires replacement</i>	<i>Date, year, or estimated date range when the service line was installed or replaced</i>	<i>Diameter in inches</i>	<i>Select option from drop down list. If "Other," describe in the Notes field</i>
	2100 SOUTH FLAGLER AVE	29.4570523 - 81.1196898		No	Non-Lead-Copper	Don't know			Field inspection only with no records
	2116 S Flagler AVE	29.4567586 - 81.1195757		No	Non-Lead-Copper	Don't know			Field inspection only with no records
	2156 S Flagler	29.4561203 - 81.1192496		No	Non-Lead-Plastic	Don't know			Field inspection only with no records
	2195 S FLAGLER AVE	29.4558434 - 81.1188049		No	Non-Lead-Copper	Don't know			Field inspection only with no records
	2119 SOUTH FLAGLER AVE	29.4566212 - 81.1192870		No	Non-Lead-Copper	Don't know			Field inspection only with no records
	2113 S FLAGLER AVE	29.4569202 - 81.1193939		No	Non-Lead-Copper	Don't know			Field inspection only with no records
	2101 South Flagler ave	29.4571639 - 81.1195680		No	Non-Lead-Copper	Don't know			Field inspection only with no records

		2009 SOUTH FLAGLER	29.4586028 - 81.1201965		No	Non-Lead-Copper	Don't know			Field inspection only with no records
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Customer-Owned Portion				Customer-Owned Portion				
Was the Service Line Material Field Verified?	If "Yes" Service Line Material Was Field Verified:		Notes	Customer-Owned Portion Service Line Material Classification	Service Line Installation Date	Service Line Size	Basis of Material Classification	Was the Service Line Material Field Verified?
	Describe the Field Verification Method	Enter the Date of Field Verification						
Select Yes or No	Select option from drop down list. If "Other," describe in the Notes field	Enter approximate date of field verification or date that the record was updated	Can use this field for documenting additional relevant information, including when classification changes.	Dropdown list includes recommended subclassifications. If non-lead other, describe in Notes field.	Date, year, or estimated date range when the service line was installed or replaced	Diameter in inches	Select option from drop down list. If "Other," describe in the Notes field	Select Yes or No
Yes	Visual inspection at the meter pit	2024-07-01		Non-Lead-Plastic			Field inspection only with no records	Yes
Yes	Visual inspection at the meter pit	2024-07-01		Non-Lead-Copper			Field inspection only with no records	Yes
Yes	Visual inspection at the meter pit			Non-Lead-Plastic			Field inspection only with no records	Yes
Yes	Visual inspection at the meter pit	2024-09-20 13:44:49		Non-Lead-Plastic			Field inspection only with no records	Yes
Yes	Visual inspection at the meter pit	2024-07-01		Non-Lead-Copper			Field inspection only with no records	Yes
Yes	Visual inspection at the meter pit	2024-07-01		Non-Lead-Copper			Field inspection only with no records	Yes
Yes	Visual inspection at the meter pit	2024-07-01	Two meters in one box 2101+2105	Non-Lead-Copper			Field inspection only with no records	Yes

Yes	<i>Visual inspection at the meter pit</i>	<i>2024-07-01</i>		<i>Non-Lead-Copper</i>			<i>Field inspection only with no records</i>	Yes
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				Other Potential Sources of Lead			Additional Information to	
If "Yes" Service Line Material Was Field Verified:		Notes	Entire Service Line Material Classification	Is there a Lead Connector?	Is there Lead Solder in the Service Line?	Describe Other Fittings and Equipment Connected to the Service Line that Contain Lead	Building Type Connected to Service Line	Point-of-Entry or Point-of-Use Treatment Present?
Describe the Field Verification Method	Enter the Date of Field Verification							
Select option from drop down list. If "Other," describe in the Notes field	Enter approximate date of field verification or date that record was updated	Can use this field for documenting additional relevant information, including when classification changes.	Dropdown list includes four required service line classifications of Lead, Non-lead, Galvanized Requiring Replacement, or Unknown	For example, lead gooseneck or pigtail where the water main is connected to the service line	Select Yes, No, or Don't Know	For example, backflow preventer or meter containing lead	Note: This information may be helpful	
Visual inspection at the meter pit	2024-07-01		Non-Lead	No	Don't Know			
Visual inspection at the meter pit	2024-07-01		Non-Lead	No	Don't know			
Visual inspection at the meter pit			Non-Lead	No	Don't know			
Visual inspection at the meter pit	2024-09-20 13:45:12		Non-Lead	No	Don't know			
Visual inspection at the meter pit	2024-07-01		Non-Lead	No	Don't know			
Visual inspection at the meter pit	2024-07-01		Non-Lead	No	Don't know			
Visual inspection at the meter pit	2024-07-01	Two meter 2101+2105	Non-Lead	No	Don't know			

*Visual inspection at the meter
pit*

2024-07-01

Non-Lead

No

Don't know

<i>Visual inspection at the meter pit</i>	2024-07-01		Non-Lead	<i>No</i>	<i>Don't know</i>			
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	No		
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State Checklist for Initial Inventory Submittal

PWS Name: FLAGLER BEACH WTP

PWSID: 2180349

Enter Date Last Updated:

Purpose of this worksheet: For states to determine and document if water systems met all of the January 15, 2021 Lead and Copper Rule (LCRR) requirements for their **Initial Inventory** including timely submission, required elements, use of information sources, public accessibility, and public notification of service line materials.

Part 1: Person Completing This Checklist

Name:	Title:
Telephone:	Email:

Part 2: Review for Timely Submission

1. Was the initial inventory submitted by the deadline of October 16, 2024? <i>Consider post-mark or date sent via email or reported into a state data system.</i>	Select "Yes" or "No"
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Part 3: Review for Required Elements

1. Does the inventory include all service lines connected to the distribution system? <i>Consider if the total number of service lines in the Inventory Summary worksheet, Part 3, matches sanitary survey and monitoring data in the state's database (e.g., SDWIS /State) based on population served, number of service connections (including those for non-potable use), number of accounts, census data, or other information.</i>	Select "Yes" or "No"
2. Does the inventory include portions owned by the water system and the customer? <i>Check the service line ownership type selected in the Inventory Summary worksheet, Part 1, Question 2a. If the system selected "Ownership is Split" check that their inventory includes information for both the system-owned and customer-owned portions.</i>	Select "Yes" or "No"
3. Did the system classify all service lines as either Lead, Galvanized Requiring Replacement (GRR), Non-Lead, or Lead Status Unknown? <i>Consider if the system completed each row of the inventory summary table in the Inventory Summary worksheet, Part 3. Some rows may be zero.</i>	Select "Yes" or "No"
4. In the space below, provide additional comments/documentation related to required elements of the system's initial inventory.	

Part 4: Review for Information Sources

1. Did the system use the following historical records to prepare their initial inventory: previous materials evaluation, construction and plumbing codes/records, water system records, distribution system inspections and records. <i>Consider if the system identified historical records in each row of the Inventory Methods worksheet, Part 1, Rows 1 through 4. Consider if the system completed Row 5 if additional records are required in your state.</i>	Select "Yes" or "No"
2. Is the system collecting service line material information during normal operations? <i>Consider if the system checked one or more normal operations activities in the Inventory Methods worksheet, Part 2. Consider asking the systems to submit updated or new standard operating procedures documenting service line material information collection.</i>	Select "Yes" or "No"
3. Has the system conducted investigations to verify service line material?	Select "Yes" or "No"

This is not required by the LCRR but recommended by EPA to verify historical records and gather information where records do not exist to reduce the number of unknowns in the system as quickly as possible. Consider:

- *If the system checked one or more of the investigative methods on the **Inventory Methods** worksheet, Part 3.*
- *If in their inventory, the system indicated that the materials classification was based on investigations.*
- *The number of unknowns - EPA strongly discourages systems from submitting inventories with all unknowns. If all service line materials are lead status unknown, consider asking the water system to conduct investigations.*

4. In the space below, provide additional comments related to information sources used to develop the system's initial inventory.

Part 5: Review for Public Accessibility

1. Does the inventory include location identifiers for each service line that is lead or galvanized requiring replacement?

Select "Yes" or "No"

*Consider checking the inventory for location identifiers and reviewing the system's answers in the **Public Accessibility Doc.** worksheet, Questions 1 and 2.*

2. Did the system make its inventory publicly accessible?

Select "Yes" or "No"

*Consider reviewing the method by which the water system is making its inventory publicly accessible as identified in the **Public Accessibility Doc.** worksheet, Question 3. Check that systems serving more than 50,000 people have posted their service line inventories online.*

3. In the space below, provide additional comments/documentation related to public accessibility of the system's initial inventory.