

## PWS Information

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

### Facility Information

Water System Name:

#### Town of Blowing Rock

PWSID: Please enter using the format "NC0011222"

NC0195020

Population Served (number of people):

1,637

Number of Service Connections:

2,761

PWS Type (select one):

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

### Mailing Address

Street or P.O. Box:

P.O. Box 47

City or Town:

Blowing Rock

State, Zip Code:

NC, 28605

### System Contact Person

Name:

Matt Blackburn

Telephone:

828-295-5228

Title:

PW Director

# Inventory Methodology

PWS Name: Town of Blowing Rock

PWSID: NC0195020

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

Describe the Records Reviewed for Your Inventory and Indicate Your Level of Confidence (e.g. , Low, Medium, or High). Historical records are required to be part of your service line inventory. If you do not have the record described, please indicate this.

1. Previous Materials Evaluation

Example: Locations of Tier 1 lead tap sampling locations that are served by a lead service line.

Sampling locations

2. Construction Records and Plumbing Codes

Examples: Local ordinance adopting an international plumbing code. Permits for replacing lead service lines.

Permits for water line replacements / plumbing code

3. Water System Records

Examples: Capital improvement plans. Standard operating procedures. Engineering standards.

Capital improvement plans/ water main replacements

4. Distribution System Inspections and Records

Examples: Distribution system maps. Tap cards. Service line repair/replacement records. Inspection records. Meter installation records.

Meter installation records

5. Additional Records Required by Your State

6. 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? Select yes or no for all.

Water meter reading

Yes

Water meter repair or replacement

Yes

Service line repair or replacement

Yes
Water main repair or replacement
Yes
Backflow prevention device inspection
Yes
Other
If "Other", please explain:
2. Did you develop or revise standard operating procedures to collect service line material information during normal operation?
If "Yes", please describe:

<b>Part 3: Service Line Investigations</b>
1. Identify the service line investigation methods your system used to prepare the inventory (select yes or no for all). 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. <b><i>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.</i></b>
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?

## Inventory Summary

PWS Name: Town of Blowing Rock

PWSID: NC0195020

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 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.*

Split ownership between the system and the customer

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

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

No records of lead being installed

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.

Lead ban 1987

4. Do you have lead goosenecks, pigtails or connectors in your system?

Yes

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

High

### Part 2. Inventory Summary Table <sup>1</sup>

The classifications generated in the Column "Entire Service Line Material Classification" (Column X) from the **Detailed Inventory** will be used to calculate the total number of service lines for each of the four material classifications below.

**Lead:** Any portion of the service line is known to be made of lead.<sup>2</sup>

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.

3

**Non-Lead:**

2,331

**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.

0	
TOTAL	
2,334	
<p>Notes</p> <p><sup>1</sup> This summary table is for reporting material for the entire service line connecting the water main to the customer's plumbing. See the <b>Classifying SLs</b> 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.</p> <p><sup>2</sup> 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.</p>	

## Detailed Inventory

PWS Name: Town of Blowing Rock

PWSID: NC0195020

**Date Last Updated:**

**10/16/2024**

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

Location Information					
Unique Service Line ID	Location Identifier		Sensitive Population? (Yes/No)	Disadvantaged Neighborhood? (Yes/No)	System-Owned Portion Service Line 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>Drop-down list includes recommended subclassifications. If "Non-Lead Other", describe in Notes field</i>
150-36569629	104 RAINEY STREET				Non-Lead - Plastic
10876-54427387	106 MAYVIEW ROCK ROAD				Non-Lead - Plastic
10878-12114102	106 MAYVIEW ROCK ROAD				Non-Lead - Plastic
10879-54156869	106 MAYVIEW ROCK ROAD				Non-Lead - Plastic
5990-11350	107 OLD STABLE LANE				Non-Lead - Plastic
480-10587	1073-A WONDERLAND TRAIL				Non-Lead - Plastic
11061-10588	1073-B WONDERLAND TRAIL				Non-Lead - Plastic
8942-10589	1073-C WONDERLAND TRAIL				Non-Lead - Plastic

	<b>Important Instructions:</b> Each row in this worksheet represents one service line calculation required and recommended elements; the columns with the aqua shading are required and will update as systems provide system-owned and customer-owned service line calculation to determine if the customer-owned portion of the service line is galvanized. If the portion is galvanized, the entire line will be classified as galvanized requiring replacement. See the Instructions worksheet for detailed instructions. Remove provided information.

System-Owned Portion						
If Non-Lead in Column G, Was Material Ever Previously Lead?	Service Line Installation Date	Service Line Size	Basis of Material Classification	Was the Service Line Material Field Verified?	If "Yes" Service Line Material Was Field Verified:	
					Describe the Field Verification Method	Enter the Date of Field Verification
<i>Select Yes, No, or Don't know.</i> <b>Used to determine if service line is galvanized requiring replacement .</b>	<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>	<i>Select Yes or No</i>	<i>Select option from drop down list. If "Other," describe in the Notes field</i>	<i>Enter approximate date of field verification or date that the record was updated</i>
		3/4		Yes	Visual inspection at the meter pit	2/22/2024
		1		Yes	Visual inspection at the meter pit	3/13/2024
		1		Yes	Visual inspection at the meter pit	3/13/2024
		1		Yes	Visual inspection at the meter pit	3/13/2024
		3/4		Yes	Visual inspection at the meter pit	1/3/2024
		1		Yes	Visual inspection at the meter pit	12/20/2023
		1		Yes	Visual inspection at the meter pit	12/20/2023
		1		Yes	Visual inspection at the meter pit	12/20/2023

connecting the water main to the customer's plumbing. The worksheet includes required by the LCRR. The green column is a required, auto populated field that the material classification information. Column H is used in the green column categorized requiring replacement. If column H is blank and the customer-owned cement. Important notes for each column are in Row 13; also see the Template provided examples before submitting your completed inventory.

	Customer-Owned Portion					
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?	If "Yes" Service Line Material Describe the Field Verification Method
Can use this field for documenting additional relevant information, including when classification changes.	Drop-down 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	Select option from drop down list. If "Other," describe in the Notes field
	Non-Lead - Plastic		3/4			
	Non-Lead - Plastic		1			
	Non-Lead - Plastic		1			
	Non-Lead - Plastic		1			
	Non-Lead - Plastic		3/4			
	Non-Lead - Plastic		1			
	Non-Lead - Plastic		1			
	Non-Lead - Plastic		1			







## Public Accessibility Documentation

PWS Name: Town of Blowing Rock

PWSID: NC0195020

Enter Date Last Updated:

10/16/24

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

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

Address

Yes

Street

Yes

Block

No

Intersection

No

Landmark

No

GPS Coordinates

No

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

No

Static online map

No

Online spreadsheet

Yes

Printed service line map

No

Printed tabular data

No

Information on water utility mailings or newsletter

Yes

Hard copy information available in water system office

Yes

Other

If "Other", please describe: