

# Inventory Methodology

PWS Name: Town of Macclesfield

PWSID: NC0433020

Enter Date Last Updated:

10/14/24

*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.*

No previous evaluations.

2. Construction Records and Plumbing Codes

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

No construction records.

3. Water System Records

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

No system records showing services in pvc, hand dug.

4. Distribution System Inspections and Records

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

No 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

No

Water meter repair or replacement

No

Service line repair or replacement
No
Water main repair or replacement
No
Backflow prevention device inspection
No
Other
If "Other", please explain:
<b>We dug each meter by hand and had some customer feed back.</b>
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 (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. **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
Yes
Customer Self-Identification
Yes
CCTV Inspection at Curb Box - External
No
CCTV Inspection at Curb Box - Internal
No
Water Quality Sampling - Targeted
No
Water Quality Sampling - Flushed
Yes
Water Quality sampling - Sequential
No
Water Quality Sampling - Other
Yes
Mechanical Excavation
No
Vacuum Excavation
No
Predictive Modeling
No
Other
Yes
If "Other", please explain:
<b>Hand Dug.</b>
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?
<b>Did not prioritize.</b>