Lead Service Line Inventory

An evaluation of service line materials past and present according to minimum standards established by EPA.

Containment Protection Backflow Prevention Program

The establishment of policy to require the installation of a backflow preventer at the meter for certain customers to protect the public water supply system.
I have so much to do.

I don’t have enough time.

There must be a better way.
Program Similarities

- Required by State Agencies.
- Required at the meter.
- Field data collection process essentially the same.
Lead Service Line Inventory

Water System Side

- Date Installed: mm/dd/yyyy
- Service Line Material
- Verification Source
- Field Verification Method
- Service Line Size
- Record Verification Date: mm/dd/yyyy
- Field Verification Date: mm/dd/yyyy

Customer Side

- Date Installed: mm/dd/yyyy
- Service Line Material
- Verification Source
- Field Verification Method
- Service Line Size
- Record Verification Date: mm/dd/yyyy
- Field Verification Date: mm/dd/yyyy

Data is the same
Lead Service Line Inventory

Service Line Material
- Lead
- Copper
- Galvanized Steel
- PVC
- HDPE
- PEX
- Asbestos-Cement
- Unknown

Verification Source
- Records Only
- Installation Date After Ban
- Field Inspection Only
- Records Validation
- Records Invalidation
- Statistical Analysis
- Sequential Monitoring

Field Verification Method
- Customer self-identification
- CCT investigation at curb stop internal
- CCT investigation at curb stop external
- Water Quality Sample
- Mechanical excavation at 1 location
- Mechanical excavation multiple locations
- Visual inspection at the meter pit
- Other

Required on both Water System and Customer Side of Meter
While performing LSLI, consider obtaining containment assembly data.

Benefits

Verify existing BP data.
Capture new installations for improved recordkeeping.
• Be visionary to ease time and cost burdens.

• Consider consolidating work effort within department(s) to achieve success in both the LSLI and Backflow Programs.

• The LSLI requirement could lead to improved recordkeeping within the Backflow Program.
Improving Your Backflow Program During Lead Service Line Inventories

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