Inventory Methodology

Enter Date Last Updated:

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 *Examples: Local ordinance adopting an international plumbing code. Permits for replacing lead service lines.*	Build plans for dates after state lead ban.
2. Water System Records *Examples: Capital improvement plans. Standard operating procedures. Engineering standards.*	
3. Distribution System Inspections and Records *Examples: Distribution system maps. Tap cards. Service line repair/replacement records. Inspection records. Meter installation records.*	Water service line leak and installation records. Water meter change and installation records.
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.

- [x] Water meter reading
- [x] Water meter repair or replacement
- [x] Service line repair or replacement
- [x] Water main repair or replacement
- [ ] Backflow prevention device inspection
- [ ] 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).

- [x] Visual Inspection
- [ ] Customer Self-Identification
- [x] Pipe Dating
- [ ] Pipe Diameter
- [ ] Water Quality Sampling - Targeted
- [ ] Water Quality Sampling - Flushed
- [ ] Water Quality Sampling - Sequential
- [ ] Water Quality Sampling - Other
- [ ] Predictive Models or Statistical Analysis
- [ ] Interpolation
- [ ] Interviews
- [ ] Emerging Methods
- [x] Other

If "Other" or "Emerging Methods," please explain:

Water service line leak and installation records. Water meter chnge and installation records.

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?