

# Service Line Inventory Guidance For Predictive Modeling



## Pennsylvania

### Has the State issued specific predictive modeling guidance?

The PA DEP accepts statistical analysis and predictive modeling for unknown classification, pursuant to the methodology used. No further guidance has been issued at this time.

Yes

### Can water systems use statistical methods to classify the full water system as “Non Lead”?

PA DEP accepts statistical analysis and predictive modeling as one of the two verification methods to categorize a service line installed before the 1991 lead ban as non-lead, pursuant to the methodology used.

Yes

### Can water systems use predictive modeling to classify specific service line materials as “Non-Lead” or “Lead”?

Depending on the methodology used, PA DEP accepts statistical methods as one of the two verification methods required to classify unknowns as non-lead.

Yes

### Is pre-approval required to use statistical methods or predictive modeling?

The state does not explicitly require pre-approval before using predictive modeling. However, PA DEP will review any project proposals beforehand if the water system so desires.

No

### Are there specific requirements for physical verification?

The state asks that water system be able to defend that the model uses data that is statistically representative for each portion of the distribution system for which it was applied.

Yes

### Is a final report required to be submitted with the initial LSLI?

In order to be in compliance with LCRI, PA DEP requires a report detailing metrics and methodology to be submitted along with the inventory.

Yes

### Other state requirements to note

PA DEP requires that the water system must be able to demonstrate that the galvanized service line was never downstream of any portion of a lead service line, lead gooseneck, pigtail or connector, or service line of unknown material. Otherwise, it must be considered GRR.

Yes

## Pennsylvania Department of Environmental Protection

State Primacy Agency

# 2,144,032

Total SLs in PA

# 62,757

Total Reported LSLs

# 1.74%

Estimated LSL Rate

# 688,697

Estimated Total LSLs

## Let's talk about how we can collaborate to Get the Lead Out of the Ground!

If you live in a state without published guidance and would like to start that conversation with your regulators, please reach out to see how we can help.

Contact Us

[www.blueconduit.com](http://www.blueconduit.com)

