

Big Sandy Water District has recently began working with a contractor that will provide some basic mapping of their system which can be used to plan and track progress. Staff has attended both Kentucky Rural Water and Division of Water training on the process and documentation of lead service lines.

Though it is unlikely that any lead service lines exist in a system as new as Big Sandy, this will allow them to see the areas checked and easily weed out areas that are known new lines. Some homes in their service area are likely to be affected but it is not anticipated that any Big Sandy owned lines will be.

Affected homes will be documented and a notification system is in place as a part of their customer tracking/billing system. Identifying which customers will be affected is the first priority should they receive funding.

Goal 1: Identify possible affected homes using PVA data/local knowledge.	November 2023
Goal 2: Begin notification cycle to affected households.	December 2023
Goal 3: Replace any identified distribution lines.	March 2024
Goal 4: Final documentation of all findings, replacements, and unresolved issues	July 2024
Goal 6: Complete submission of identified lead to DOW.	July 2024

Products:

Lead service locations and homes will be recorded and reported in GIS format using new database of water lines. Tracking throughout the process will be in a shapefile for lines and excel for homes.

Methodology:

The current plan is for staff to locate possible line issues but a contractor may be required to locate homes using tax records and PVA data.

Associated Costs:

Costs are estimated based on general assumptions. It is unlikely that the city will have the capacity to deal with inspection and location with current staff. Estimates to hire and use specialists to conduct some/all of this work estimated at \$100,000.

Acquisition of data and development of databases estimated at \$85,000.

Excavation and restoration activities to confirm line material and replacement of lines estimated at \$275,000.

Total estimated cost \$460,000.