

Flatwoods is next in line to receive the Kentucky Rural Water GIS system for tracking and documenting lead line locations and affected houses. Funding from this initial phase will be used to identify areas of the system and households that may be lead affected.

Some areas of the Flatwoods system are at an age where lead is a concern. These will be the first areas of focus. This also means that many of the homes in the Flatwoods area are of an age where lead is possible. Flatwoods developed slowly as a series of subdivisions to most older homes are in the same area. This should make initial checks easier as the city moves outward to new areas.

Record keeping with the KWRA system should make continued notification of houses with unresolved lead issues relatively simple though no direct plan is in place. As this is not expected to be a large number of homes, how notifications work will depend on the number of notifications needed. Several plans are possible.

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

Products:

Lead service locations and homes will be recorded and reported in Shapefile format for line locations and home locations generated by KWRA software.

Methodology:

The current plan is for staff to locate possible line issues but a contractor will 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 \$110,000.

Acquisition of data and development of databases estimated at \$100,000.

Excavation and restoration activities to confirm line material and replacement of lines estimated at \$240,000.

Total estimated cost \$450,000.