

The city of Russell, like many small river towns, consists of an older downtown section and a newer outreaching section. In the case of Russell the outreaching section is of minimal concern with service lines though some older homes do exist. The downtown section is the primary concern with older homes and an older water system.

Russell is in the process of implementing the KWRA mapping system. They are actively working on this as of the application for LSL funding. This will provide the primary documentation and identification of lead locations in both homes and the system at large.

Currently the plan is to identify locations with lead issues system wide. This will be documented and directly proceed to replacement projects should funding to do so become available. The major concern is the historic downtown which is expected to be both costly and time-consuming to correct.

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 \$100,000.

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 \$400,000.

Total estimated cost \$600,000.