



Libertyville
spirit of independence

IL09700900

INITIAL DRAFT LEAD
SERVICE LINE
REPLACEMENT PLAN

APRIL 10, 2024

Introduction:

The Village of Libertyville has a population of 20,600 and encompasses 9.15 square miles. The Village receives its treated domestic water from the Central Lake County Joint Action Water Agency (CLC-JAWA) and delivers the water to its customers thru 129 miles of watermain. The Village uses approximately 800 million gallons of water annually and 2.2 million gallons daily. As of April 10, 2024, currently there are 7,380 service connections, in which 245 have been confirmed Lead and 845 remain unknown. Please refer to the following weblink:

<https://www.arcgis.com/apps/dashboards/29b7db18bb2d4ad48637fc7f50a4e912>

Lead Service Replacements:

The Village has been granted an extension to complete the water service material inventory to September 1, 2024. At this point in time it is estimated that the Village will have 1,000 lead services. 500 of which will be lead in their entirety (main to meter) and 500 partials (vast majority B-Box to meter). Since 2020, forty (40) lead services, either in whole or the remaining portion have been replaced. Please refer to the attached Report.

Replacement Schedule: The current mandate is for a water supplier with 1,000 lead services is to replace all lead services within their system in 10-years. Therefore, the schedule will be to replace a number of entire and partial lead services that total 100 annually.

Replacement Costs and Financing Options: The current estimated replacement costs per year are \$1,500,000. It is currently contemplated that these annual costs will be funded with a combination of a low interest loan from the IEPA and an adjustment of the utility's water rates for the entire customer base. It is currently proposed that the Village will assume the entire cost of replacing the lead service lines. Payment plans will be continued to be offered any customers having financial difficulty to avoid shut-offs (discontinuation of service).

Prioritization of High-Risk Facilities: All high-risk facilities in the community already have either a ductile iron or copper water service.

Informing Public of Draft Plan: The Village will post the Initial Draft Plan on its website and solicit comments and questions.

Measures to Encourage Diversity in Workforce to Implement Plan: The Village will plan to include language in the eventual construction contracts to replace lead services to encourage a diverse workforce.

Procedure for Full Lead Service Replacements: For the anticipated 500 full lead service replacements the Village will be utilizing the attached Hold Harmless Agreement to complete the installation of the lead water service on private property. It is envisioned at this time that a separate annual competitively bid construction contract will be necessary for the lead service replacements.

Procedure for Informing Customers Before a Lead Service Line Replacement: The Village utilizes the attached letter to inform customers in advance of a lead water service replacement.

Attachments:

1. List of Lead Service Lines Replace Since 2020.
2. Hold Harmless Agreement for Lead Services on Private Property.
3. Notification Letter for Lead Service Replacements.
4. Lead Service Line Replacement Plan Checklist.