



Lead Service Replacements Update

Executive Summary

- The Lead Service Line Replacement Program is designed to remove all lead service lines from the MLGW water system by 2037, in alignment with current federal Lead and Copper Rule Improvements(LCRI) requirements. This effort includes replacing lead service lines to within 2' of the customer's home.
- MLGW continues to perform replacements on the public side, while private side replacements are completed by Acuff Enterprises, Inc.

Executive Summary

Public Side

- Began work in 2012
- Replacing Lead Service Lines from the main in the street up to the meter
- Current goal is to replace 1,500 per year
- Current budget is \$10.5 million per year
- Began replacing lead services with PEX (instead of copper) in mid-2023
 - Cheaper
 - Easier to Work with
 - Less Likely to be Stolen
- Current plan is to continue utilizing the four MLGW crews to replace ~1,500 services per year



Executive Summary

Private Side

- Started replacing Lead Service Lines on the private side in 2025
- Received \$5 million ARP Grant for work
- Phase 1(Pilot) started in 2025 replaced 8 LSLs
- Phase 2 began in 2026 to spend remaining ARP funds by Sept. '26
- Plan is to use SRF to fund work from 2027-2031 and beyond
- \$10 million per year w/ 50% loan forgiveness



Lead Service Replacements – Public Side

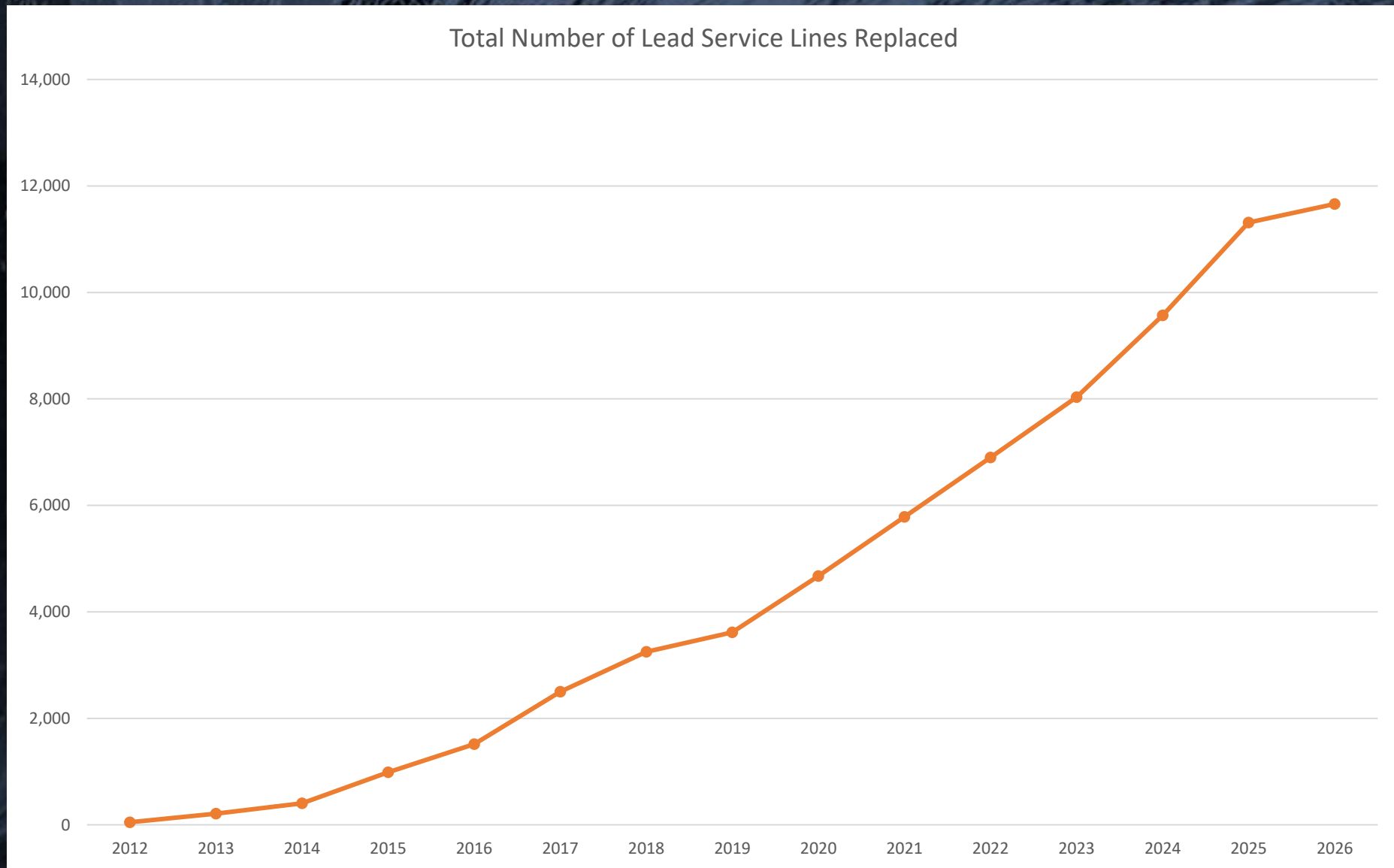
2025

- New City of Memphis street cut fees & new pavement repair standards go into effect
- Goal is increased to 1,500
- Average Cost is \$2,800, but additional money is budgeted for street cut fees & new asphalt contractor
- \$10.3 million Budget
- 2025 Actuals:
 - 1,742 replaced/verified
 - \$7.6 million Spent
 - ~\$4,350 per service

2026

- \$10.5 million Budget, Goal of 1,500 services
- 2026 To-Date:
 - 333 replaced/killed/verified
 - \$2.2 million Spent
 - ~\$6,500 per service
 - 55-60% of cost is asphalt replacement / street cut fees
- On track to spend \$10.5 million and replace/verify 1,400 services

Lead Service Replacements – Public Side



Lead Service Replacements – Private Side

2025 – Phase 1

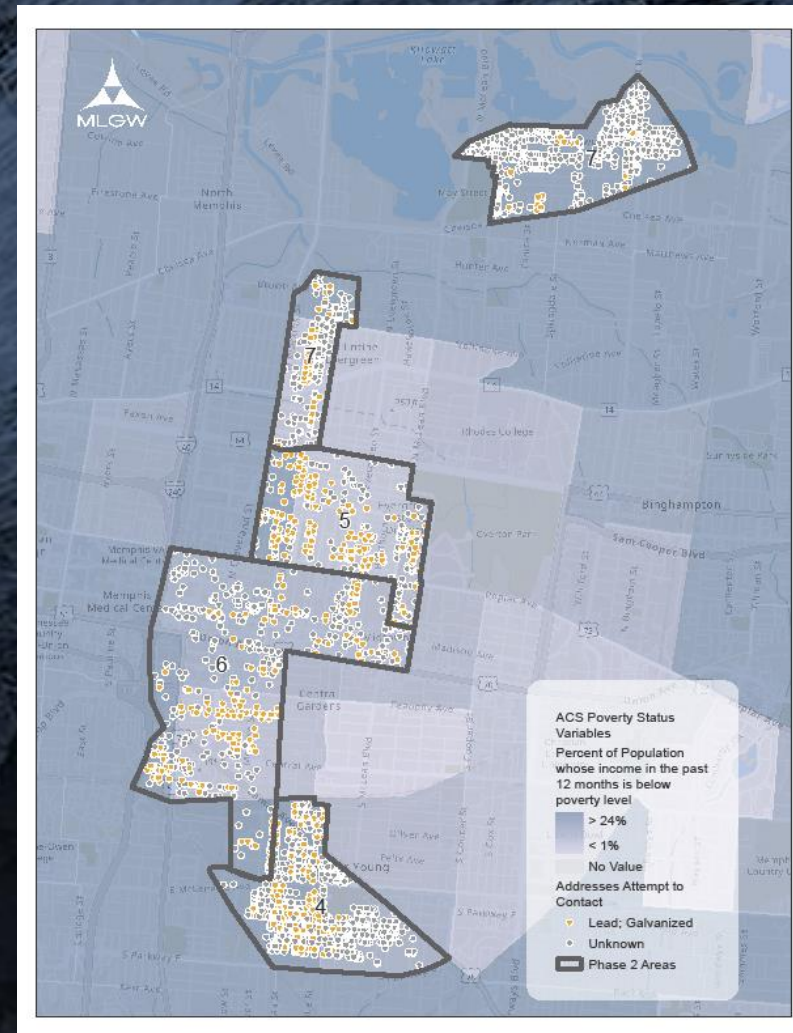
- Pilot Program replaced 8 Lead Service Lines for \$113,416 (ARPA Funding)

2026 – Phase 2

- Have \$4.85 million left in ARPA funding
- Must spend remaining grant money by Sept. '26
- Acuff Enterprises, Inc. began replacing private side Lead Service Lines Feb. '26
- 2026 To-Date (as of 4-17-26):
 - YTD \$1.4 million Spent at 215 Addresses
 - 122 Replacements
 - 58 potholes verified service as non-lead
 - 35 meter box inspections verified service as non-lead
 - \$11,165 spent per replacement
 - \$7,420 spent per address
- On track to spend remainder of ARPA funds by September '26
- Estimate we will be able to replace ~400 services

Lead Service Replacements – Private Side

- Spreading Private Side work around between districts 4, 5, 6, & 7.
- Started in District 5
 - Replaced 62 services
 - Spent \$767,535
 - Averaged \$12,380
- Moved to District 4 next
 - Replaced 50 services so far
 - Spent \$502,335
 - Averaging \$10,050
- Just started in District 7
 - Replaced 10 services so far
 - Spent \$81,350
 - Averaging \$9,040
- Will finish in District 6



A dark, blue-tinted photograph of a person's legs in a field. The person is wearing dark pants and a light-colored jacket. The background is a field of tall grass or reeds. The word "Challenges" is overlaid in white text in the center of the image.

Challenges

Lead Service Replacements – Challenges

Public Side

- Moving areas every couple of months to spread work around different parts of town. Current area has been lots of “verified as non-lead” services
- Crew Availability

Private Side

- Contractor is limited by amount/location of Right-of-Entries (not an issue yet, but could be)

District	Total Houses in District	Houses Contacted	Total Right of Entry (ROE)	Right of Entry (ROE) In-Person	Right of Entry (ROE) Online	Total Refusals	Refusals In-Person	Refusals Four Attempts
District 4	739	720	150	100	50	68	8	60
District 5	323	302	139	72	67	80	15	65
District 6	686	395	18	2	16	5	0	5
District 7	1066	670	72	49	23	16	11	5

Lead Service Replacements – Upcoming Work

- Both public & private side replacements will continue as scheduled. Both are in the process of changing areas.
 - Public Side moving to are bounded by Macon-Townes & Jackson-Homer
 - Private Side moving to District 7
- EPA Visit to test new pipe identification technology
- Under the EPA's Lead and Copper Rule Revisions (LCRR) and Lead and Copper Rule Improvements (LCRI), all water systems must provide testing for lead at schools and licensed childcare facilities served by lead service lines, helping to identify and prioritize locations where children face the greatest risk of exposure. Requires 20% of schools and daycares completed each year.
 - This testing was previously done by the schools in conjunction with the TN Dept. of Education, the TN Health Dept., and the Shelby County Health Dept.

Lead Service Replacements – Next Steps: 2027 & Beyond

- Baseline Inventory is due in November 2027
 - The more unknowns we can verify as non-lead, will reduce the annual renewal rate by the state.
- Need to begin planning for Phase 3
 - SRF Funds will be \$10 million per year for 5 years with 50% loan forgiveness
 - In House vs turnkey operation?

Questions?

