



Minnesota's Lead Inventory Tracking Tool (LITT)

Chad Kolstad | Minnesota Department of Health

How & Why LITT was Created

- Lead and Copper Rule Revisions (LCRR)
- MN Session Law Chapter 39
- What is a service line & who needs a service line inventory?
- Initial Challenges
- Some Solutions
- LITT
- Lessons Learned
- What's next

Lead and Copper Rule Revisions (LCRR)

- Finalized December 16, 2021
- LCRR requires water systems to complete an inventory of all service lines and report the info to MDH
- Inventory information must be be publicly available

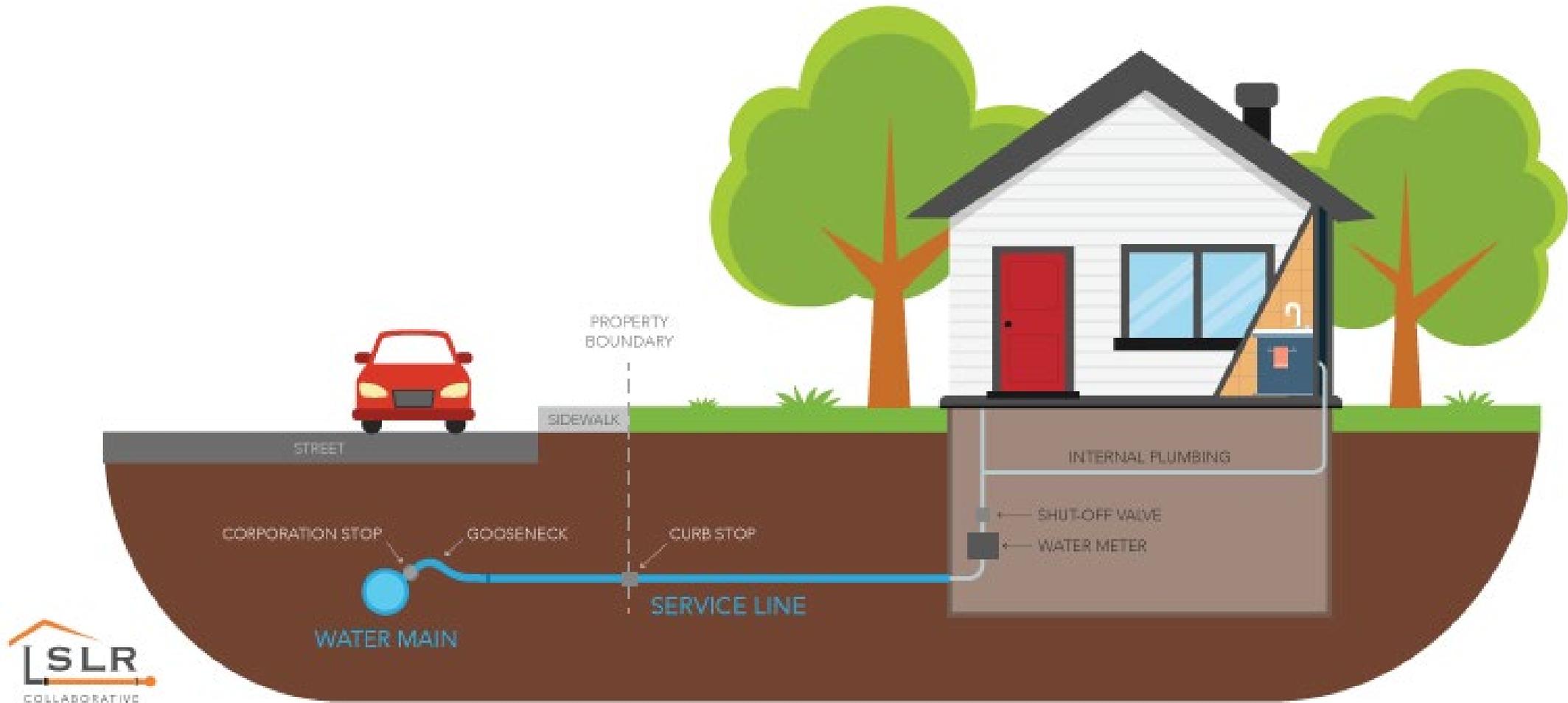
Minnesota Session Law Chapter 39

\$240 million from 2023 Minnesota Legislature

- LSL Replacement
- Inventory Assistance & Mapping (up to 10% of the funds)
 - Technical Assistance
 - MRWA
 - 18 contractors
 - Mapping – U of M
- State goal to remove all LSLs by 2033



What is a service line?



Source: Lead Service Line Collaborative. Introduction to Lead and Lead Service Line Replacement. <https://www.lslr-collaborative.org/intro-to-lsl-replacement.html>

Initial Inventory-who had to do it?

- All community water systems (CWS)
 - Municipalities
 - Manufactured home parks
 - Community Developments
- All non-transient non-community water systems (NTNCWS) - serve the same population daily and have their own water system
 - Schools
 - Office Buildings
 - Hospitals
- Need to include ALL service lines - including those not in use but still connected to the distribution system

Initial Challenges

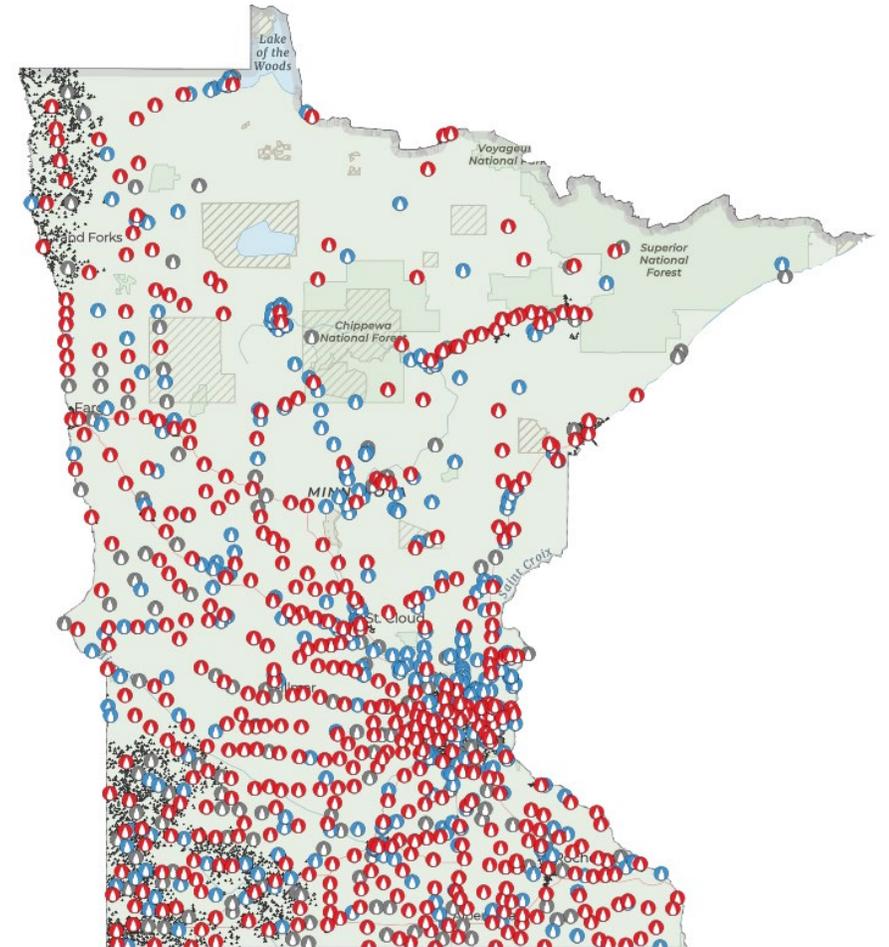
- Scale of the project – approximately 1.5 M service lines in MN
- Small systems have limited staff
- Larger systems have large number of service lines
- Historic records vary greatly from system to system
- Many systems have no records
- Water systems have different ownership of the service line

- New regulations
- Water system buy-in
- How to collect the data from systems
 - Spreadsheet
 - GIS
- How to display collected data?

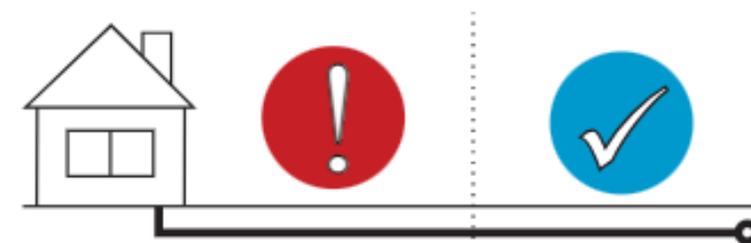
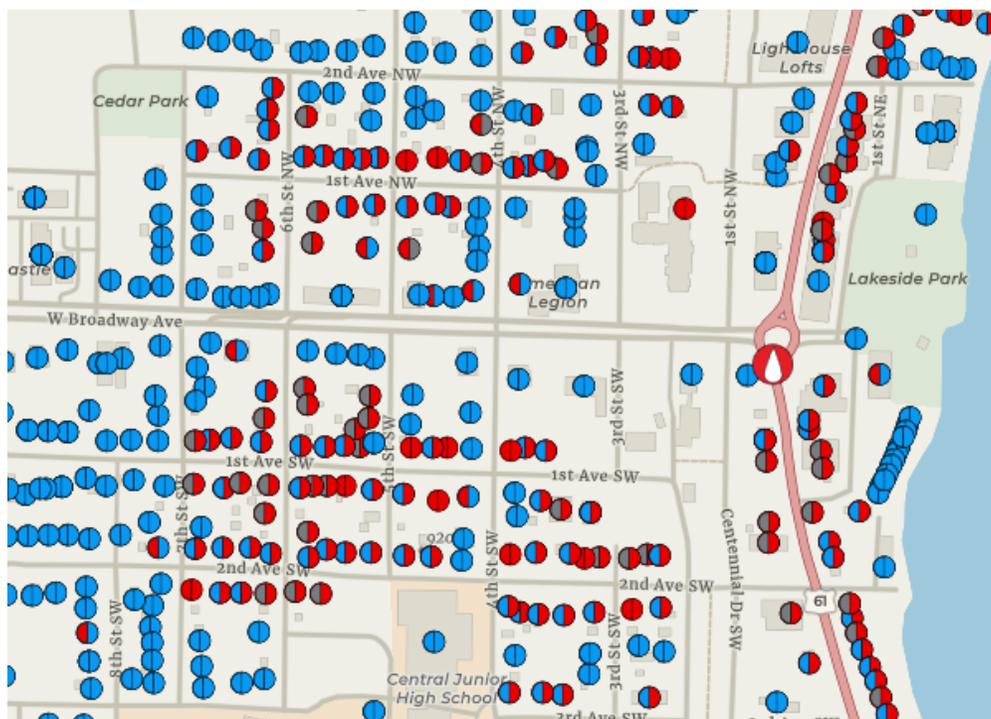
- Monthly Training Session – MRWA contract
- Technical Assistance Contracts
 - 18 consulting engineer firms
 - Records Review
 - In-home visual inspections
- LITT

Lead Inventory Tracking Tool (LITT)

<https://maps.umn.edu/LSL/>



- Data uploaded to MDH/UMN Lead Inventory Tracking Tool (LITT)



	Within Property	In Right-of-Way
Ownership	Property Owner	Utility
Classification	Galvanized Requiring Replacement	Non-Lead
Status	Needs Replacement	Does Not Need Replacement

Service Lines



Unknown
Material

Needs
replacement

Does not need
replacement



1,505,219

Total Service Lines



1,135,550

Non-Lead



89,391

Lead or Galvanized
Requiring
Replacement



280,278

Unknown

Lesson's Learned

- Don't be afraid to over communicate
- Be flexible and adjust as needed
- Don't be too surprised
- Set goals
- Fully utilize the strength of your team members and monitor their mental health
- Stay positive ad have fun!

What's next?

- Water systems will have to submit updates to their inventory annually
- Watch for future rounds of inventory technical assistance – next round opens February 18th
- LITT will start displaying replacement numbers
- If you have lead service lines, apply for funding while it lasts!

Questions

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