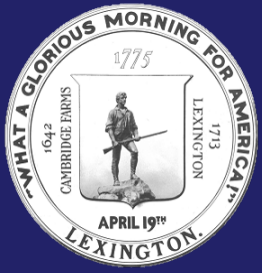


# *Water System Improvements: Article 13*

*Lead and Copper Program*

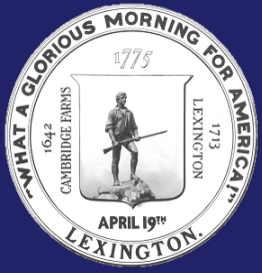
*\$4,209,580*



# Lead & Copper Rule Revisions

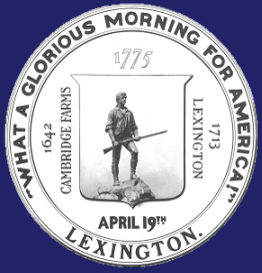
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# Level of Service Agreement

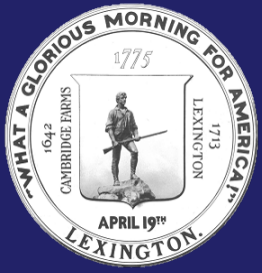
- 1. Compliance with Safe Drinking Water Act Rules and regulations
- 3. Compliance with MADEP regulations
- 28. Comply with all state regulations
- 34. Respond to a customer by next business day of receiving service request



# Lead & Copper Rule Revisions

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- Mitigate potential health risks to the community associated with lead in drinking water
- Lexington keep pace with other MWRA communities that have successful Lead and Copper programs, such as Boston, Quincy and Chelsea.



# Lead & Copper Rule Revisions

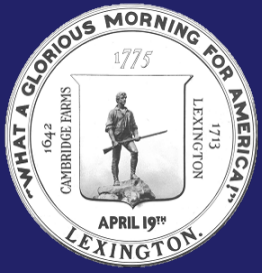
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## Definition of a lead service

- Lead Service – any portion of the line
- Iron Service
- Unknown service line information



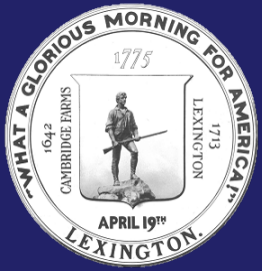
Lead-Lined Iron  
Service Line



# Lead and Copper Program

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- Record water plans
- Service tie card information
  - Unknown is defined as service material not on record
  - First step is to identify which is time sensitive
  - Material Survey to be completed no later than October 2024
- Water meter replacement program (AMI)

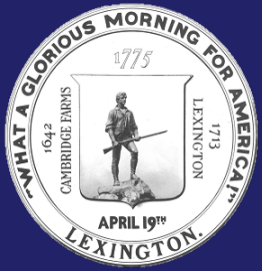


# Current service information

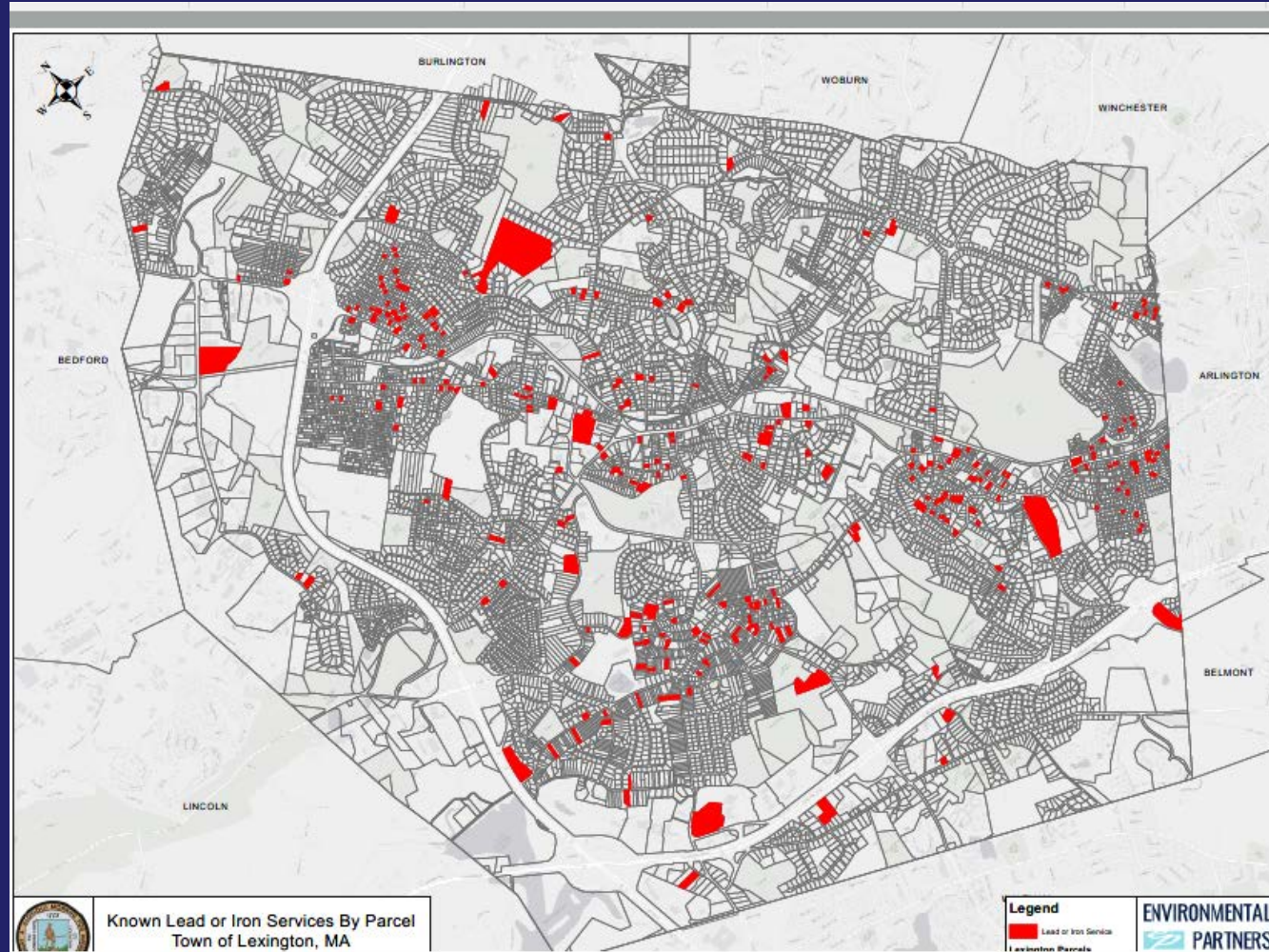
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- 14,145 Total number of connections
- 140 Iron services found during meter project
- 160 Material unknown on service record card



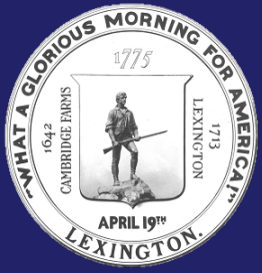


# Water System Improvements Article 13



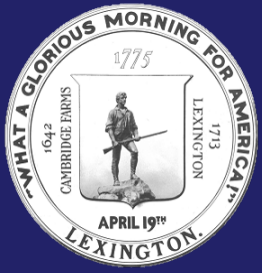
Annual Town Meeting 2023





# Project Costs

Phase 1- Inventory	\$142,530
Phase 2 - Public Outreach	\$133,120
Phase 3 - Prepare Contract Documents	\$39,410
Phase 4 - Permitting	\$72,520
Phase 5 - Bidding	\$12,000
Phase 6 - Construction	\$3,810,000
Total	\$4,209,580

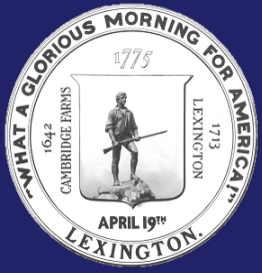


# Project Schedule

	2022			2023									2024											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
MWRA LLP Loan Application	█																							
LSL Inventory		█	█	█	█	█	█	█	█															
Public Outreach		█	█	█	█	█	█	█	█	█	█	█	█	█	█						█	█	█	█
Prepare Contract Documents								█	█															
Permitting						█	█	█	█															
Bidding									█	█														
Construction											█	█	█	█								█	█	█

Winter Shutdown

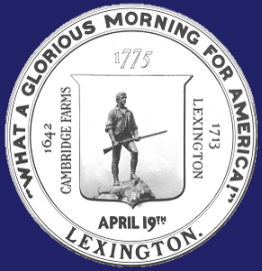
Annual Town Meeting 2023



# *Water System Improvements: Article 13*

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- Collaborative effort with the Town of Lexington involving EPA, DEP and MWRA
- Lexington Department of Public Works has been in compliance with the Lead and Copper Rule since its introduction in 1991



# Water System Improvements: Article 13

