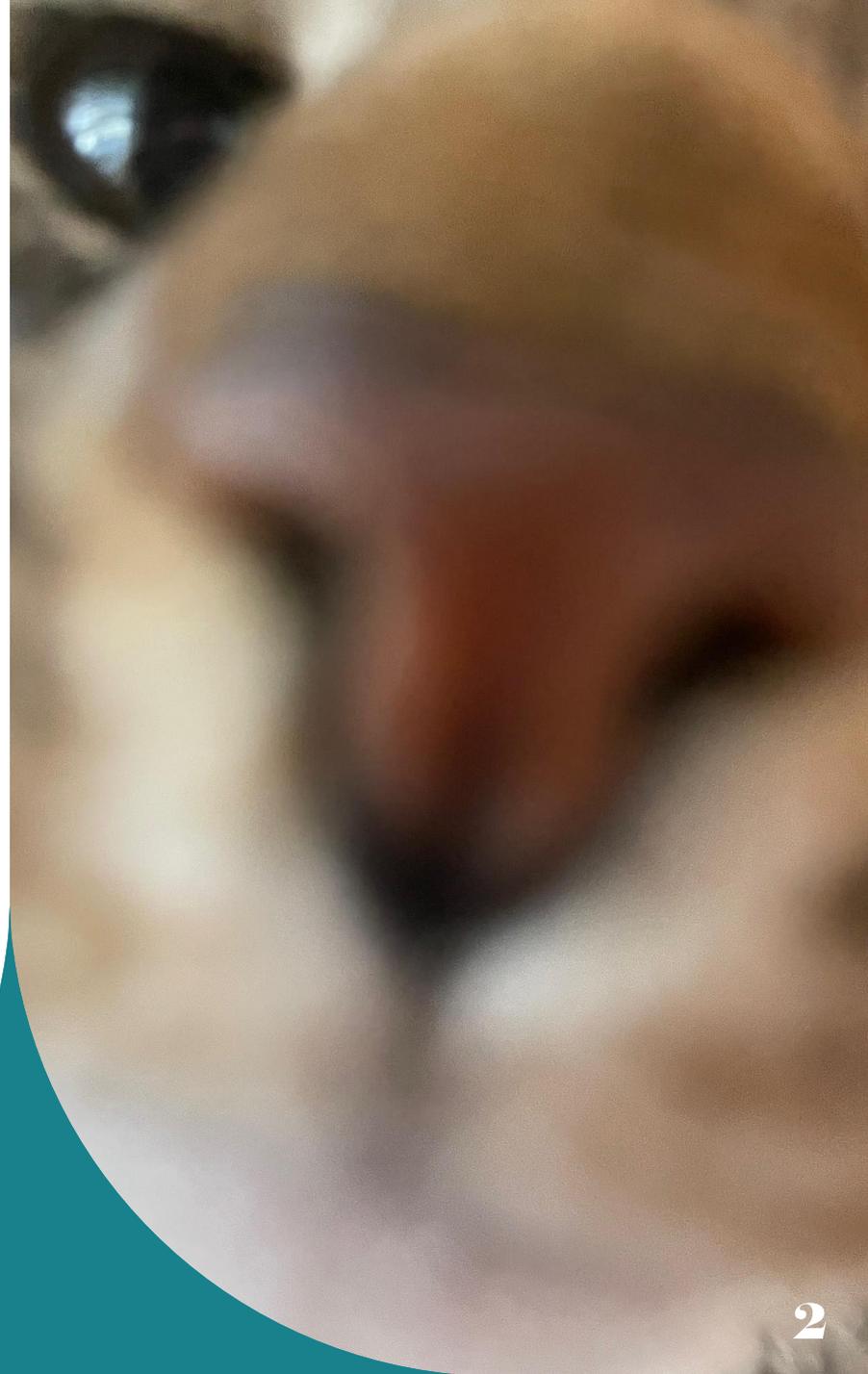




2025 Drinking Water Program Updates

OUTLINE

- Public Water Systems Info
- Water-Smart Program for Schools and Childcare
- Lead and Copper Rule Improvements



Public Water Systems

- **Community Water System**

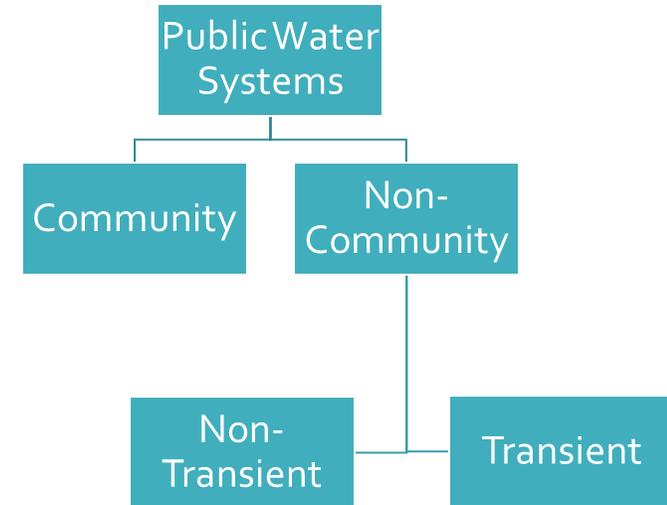
- serves at least 15 service connections used by year-round residents OR
- regularly serves at least 25 year-round residents
- Examples- municipalities, condos

- **Non-Community Water System (Non-Transient)**

- serves at least 15 service connections OR
- regularly serves at least 25 of the same individuals or more approximately four or more hours per day, four or more days per week, more than six months or 180 days per year
- Examples- workplace, schools

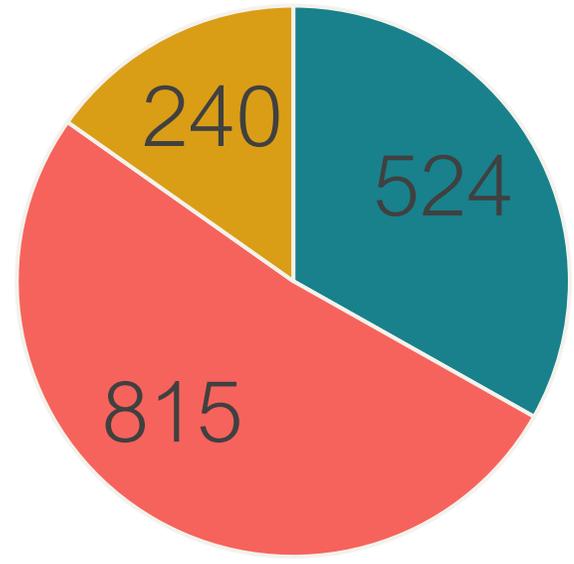
- **Non-Community Water System (Transient)**

- serves at least 15 service connections OR
- serves 25 different persons at least 60 days of the year
- Examples- restaurants, motels, campgrounds, parks, golf courses, ski areas, community centers



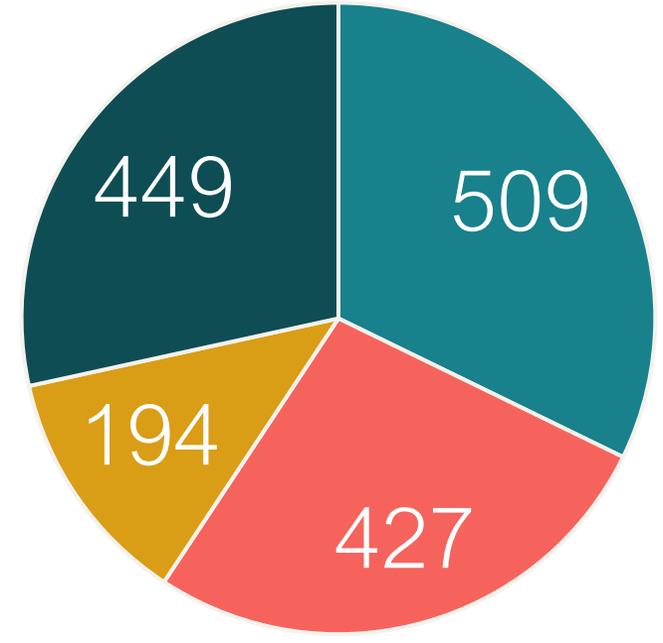
Public Water Systems

Type



- Community
- Transient Non-Community
- Non-Transient Non-Community

Location



- Western
- Central
- Northeast
- Southeast

Public Water Systems

Recently Registered PWS

New systems are created or discovered each year. Local health officials sometimes ID them during inspections.

REGION	PWS NAME	TYPE
Northeast	WILLOWS AT BOXFORD	COM
Central	BERTS BREAKFAST AND LUNCH	TNC
Western	APPLEWOOD HOME FOR ELDERS	COM
Western	ECHO HILL ORCHARDS & WINERY	TNC
Western	BRIMFIELD WINERY AND CIDERY	TNC
Southeast	WHITMAN HOUSE CONDO ASSOC	TNC
Southeast	GREAT SPRINGS VENDING UNIT @ STOP SHOP	TNC
Southeast	430 POTOMSKA ROAD	TNC
Southeast	GREAT SPRINGS VENDING UNIT @ STOP SHOP	TNC
Southeast	GREAT SPRINGS VENDING UNIT @ MBTA	TNC
Southeast	DOLLAR GENERAL	TNC

Public Water Systems

	A	B	C	D	E	F	G	H
1	CITY/TOWN	PWSID	PWS NAME	CLASS	IS_CONSECUTIVE	OWNERSHIP	SEASON_START_DATE	SEASON_END_DATE
2	ABINGTON	4001000	ABINGTON/ROCKLAND JOINT WTR. WORKS	COM	N	MUNICIPAL	01/01	12/31
3	ABINGTON	4001002	ROCKY MOUNTAIN SPRING WATER VENDING	TNC	N	PRIVATE	01/01	12/31
4	ABINGTON	4001005	ROCKY MOUNTAIN SPRING WATER VENDING	TNC	Y	PRIVATE	01/01	12/31
5	ACTON	2002000	ACTON WATER SUPPLY DISTRICT	COM	N	MUNICIPAL	01/01	12/31
6	ACTON	2002010	PINE HILL CONDOMINIUM	COM	N	PRIVATE	01/01	12/31
7	ACTON	2002017	ACTON INDOOR TENNIS / NASHOBA SPORTMANS	TNC	N	PRIVATE	01/01	12/31
8	ACTON	2002002	PLANET GYMNASTICS/ALL SEASONS TENNIS	TNC	N	PRIVATE	01/01	12/31
9	ACUSHNET	4003000	ACUSHNET WATER DEPARTMENT	COM	Y	MUNICIPAL	01/01	12/31
10	ACUSHNET	4003002	BROOKSIDE MOBILE HOME PARK	COM	N	PRIVATE	01/01	12/31
11	ACUSHNET	4003004	ACUSHNET MANUFACTURED HOMES	COM	N	PRIVATE	01/01	12/31
12	ACUSHNET	4003007	COUNTRY WHIP	TNC	N	PRIVATE	04/02	10/31
13	ACUSHNET	4003009	LITTLE PEOPLES COLLEGE	NTNC	N	PRIVATE	01/01	12/31
14	ACUSHNET	4003010	WEE FOLK FARM DAYCARE	NTNC	N	PRIVATE	01/01	12/31
15	ADAMS	1004000	ADAMS FIRE DISTRICT	COM	N	MUNICIPAL	01/01	12/31
16	ADAMS	1004001	DCR MT GREYLOCK STATE RESERVATION	TNC	N	STATE GOVERNMENT	01/01	12/31
17	ADAMS	1004005	GREYLOCK GLEN WATER SYSTEM	TNC	Y	MUNICIPAL	01/01	12/31
18	AGAWAM	1005000	AGAWAM WATER DEPARTMENT	COM	Y	MUNICIPAL	01/01	12/31
19	AGAWAM	1005001	ST ANNE COUNTRY CLUB INC	TNC	N	PRIVATE	01/01	12/31
20	AMESBURY	3007000	AMESBURY DPW WATER DIV.	COM	N	MUNICIPAL	01/01	12/31

- Online list of PWS in every community updated monthly
- Review and inform MassDEP of any changes (new, closed, updated)
- [Link: MA Public Water Supplier contacts sorted by Town | Mass.gov](#)

Annual Notice to Local Board of Health



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

100 Cambridge Street Suite 900 Boston MA 02114

Maura T Healy
Governor

Kimberley Driscoll
Lieutenant Governor

Rebecca L Tepper
Secretary

Bonnie Heiple
Commissioner

June 4, 2024

Dear Board of Health and Health Agent:

The Massachusetts Department of Environmental Protection (MassDEP) Drinking Water Program annually provides local Boards of Health (BOHs) with information of interest, reminders of annual form submissions and an inventory of public water systems in the Commonwealth for review. This letter addresses topics where we continue to receive consumer questions or have important updates for BOHs.

We are continuing our commitment to reduce paper use and use email to provide you with copies of routine enforcement correspondence sent to your local public water suppliers. To ensure you receive copies of our enforcement correspondence please update the *Official Email Address & Emergency Contacts List*.

How this mailing is organized

This mailing is organized by topic. Items requiring your action are in [Part I: Action Items](#). The forms for responding to these items are on MassDEP's website in the links provided. For your convenience you may create a PDF of your response and send an electronic copy to us at Program.Director-DWP@mass.gov with the name of the form in the subject line. If you are unable to return any of the forms by email or access or print the attached forms or need additional information you can contact us at the email above or at 617-292-5770.

If you are looking for information on a topic that you do not see in this year's letter, please refer to the list of Drinking Water Program resource links at the end of the letter. The Drinking Water Program implements transparency, diversity, and environmental justice in its programs.

Please remember, if you have a public drinking water emergency that occurs outside of normal working hours (nights and weekends) please contact MassDEP at 1-888-304-1133 (24 hour toll-free). Thank you for continuing to work together with us to protect public health.

Sincerely,

Yvette DePeiza, Program Director MassDEP/Drinking Water Program

Attachments: A. Official Email & Emergency Contacts List; B. Recreational Camp Form;
C. Public or Private System Flowchart; D. PWS Definitions

2024 ANNUAL NOTICE TO LOCAL BOARDS OF HEALTH

PART I: ACTION ITEMS

Official Email Address and Emergency Contacts	3
Public Water System Inventory Review	3
Regulation Filing Requirements	4
Transient Non-Community Public Water Systems	4
Certified Operators and ASR Requirements	5
Certificates of Registration and Water Quality Reports	5
Annual Recreational Camp Requirement	6
Underground Injection Control/Title 5 Systems	6
Source Water Protection/DWSP Grants	7

PART II: NOTIFICATIONS

Emergency Response Notification Requirements	7
Water Supply Emergency Declarations	8
Boil Orders and Other Public Health Orders	9
Unregulated Contaminant Monitoring Rule	11
Consumer Notification Requirements	12

PART III: EMERGING ISSUES

PFAS	13
PFAS in Private Wells	14
Cybersecurity Program	15
Supply Chain Issues	17
Controlling Legionella	17
Cyanobacteria & Cyanotoxins	19

PART IV: RECENT TOPICAL ISSUES

Well Completion Reports	20
Statewide Well Location Project	21
Well Driller Requirements	22
Cross Connections	22
Home and Green Burials	23
Property Conversions	24

PART V: MASSDEP DRINKING WATER PROGRAM INITIATIVES

LCCR Funding Opportunity	24
Lead Service Line Inventory and Replacement	25
Lead in School Drinking Water	26
LCCA Schools and EECF Program	27

PART VI: DRINKING WATER INFORMATION & RESOURCES

Online Information and Resources/MassDEP Offices	28
Attachment A: Official Email Address and Emergency Contacts List	31
Attachment B: Recreational Camp Form	32
Attachment C: Public or Private Water System Flow Chart	33
Attachment D: Public Water System Definitions	34

Water-Smart Program for Lead in Drinking Water

- Our voluntary Assistance Program for testing public and private schools and childcare facilities/programs for lead
- No state requirement for comprehensive testing
- Contract with UMass Amherst to manage program
- >950 schools/childcare facilities have completed it
- 100's of schools and 1000's of childcare facilities/programs (including residential) are still eligible



WATER-SMART
Show them you care.

UMass
Amherst

Water-Smart Program StoryMap

Water Smart Program for Lead in Drinking Water in Schools and Childcare Facilities

Providing free technical assistance and water testing to public schools and public/private childcare facilities.

MassDEP DWP   



Introduction



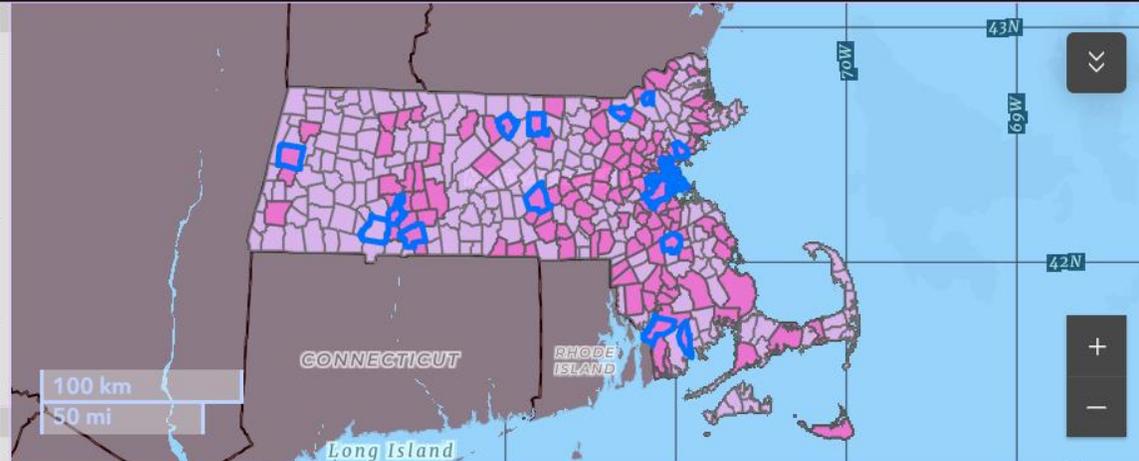
Water-Smart

A program providing technical assistance to public schools and childcare facilities to establish a lead in drinking water program.

Program Overview

- ABINGTON
- AMHERST
- ARLINGTON
- ATHOL
- ATTLEBORO
- AUBURN
- BARNSTABLE
- BARRE

Click on the name of the community to



Communities with Facilities in the program

Communities without Facilities in the program

Why Test for Lead

Program Eligibility and Application

Number of Facilities Participating in the Program	Numbers of Facilities Having Completed the Program	Total facilities participating in the program in EJ populations	Total PWS participating in the Pilot Program***
1,067	956	690	12

Map for Water Smart Program

- Group
- EJ population *
- High Risk for Child Lead Poisoning **
- Pilot Program ***
- Reports

<https://www.mass.gov/water-smart>

Water-Smart Program StoryMap



Water-Smart

A program providing technical assistance to public schools and childcare facilities to establish a lead in drinking water program.

SHELBURNE

SHREWSBURY

SHUTESBURY

SOMERVILLE

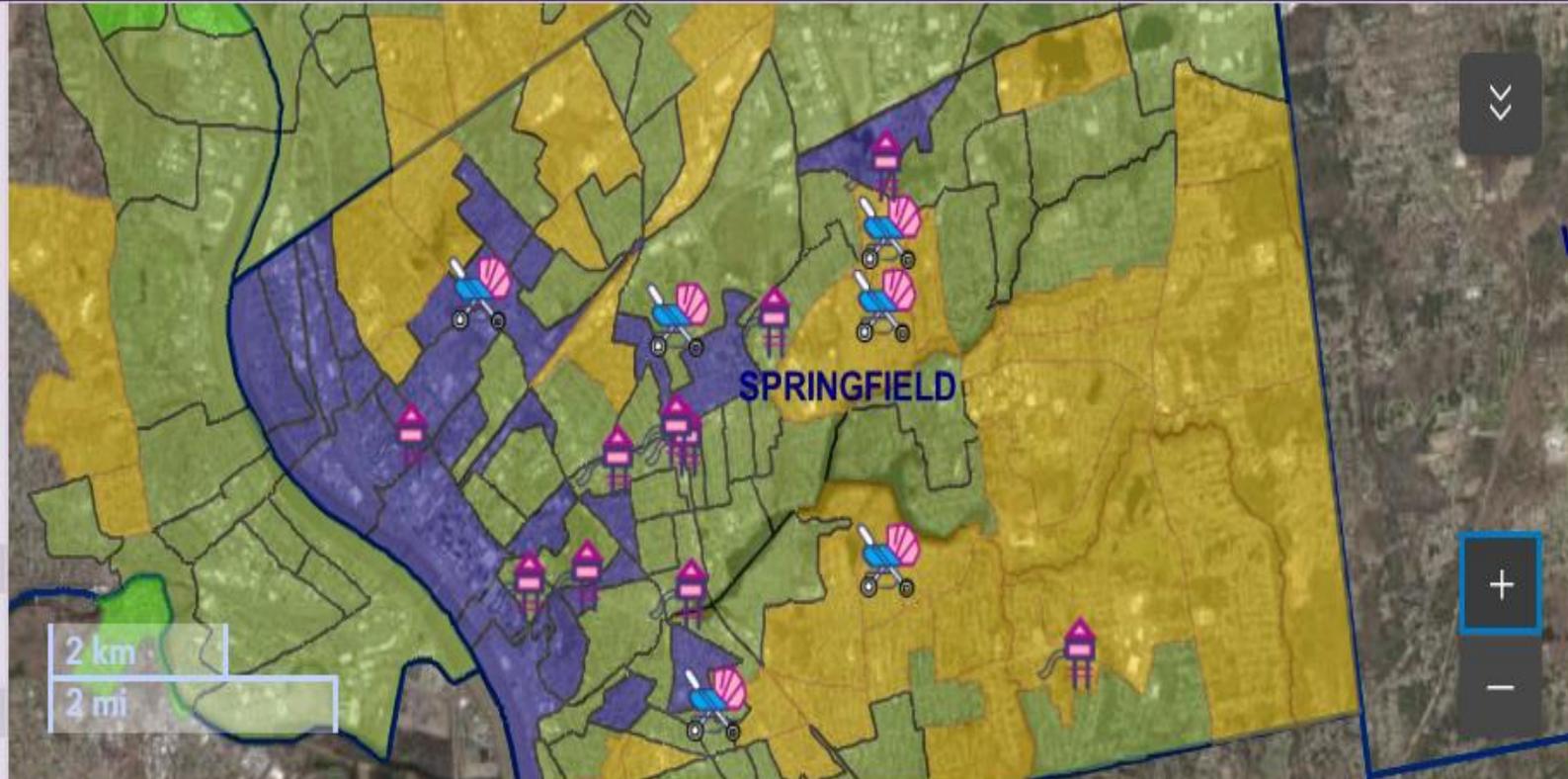
SOUTH HADLEY

SOUTHBRIDGE

SPRINGFIELD

STONEMAN

Click on the name of the community to



Facility Type

 Early Education

 Family Child Care

 Schools

 Early Education

EJ 2020 with criteria explanation

Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US... Powered by Esri

<https://www.mass.gov/water-smart>

Water-Smart Program for Lead in Drinking Water

- MA Clean Water Trust's SWIG program replaces bubblers with lead detections with filtered water stations at public and private schools and childcare centers
 - >500 replaced to date
 - >\$1.5 million provided
- Example Recipients
 - Springfield School System (\$270k)
 - Worcester School System (\$150k)
 - Haverhill School System (\$30k)
 - Taunton School System (\$30k)
 - PACE Head Start (\$9k)



Pilot Program for PWS Getting Ahead of Lead and Copper Rule Improvements

- As part of LCRI, starting in 2027, PWS will be required to offer one-time limited sampling to 20% of elementary schools and childcare facilities/programs stations annually for 5 years (secondary schools can request testing)
- Pilot Program: Assist PWS exceed this requirement and timeline using Water-Smart Program
 - Initial focus on communities with children at highest risk of lead poisoning (from all sources)
 - Offer comprehensive testing to all schools and childcare facilities/program
- Pilot Program PWS Participants to-date (12) include:
 - Pittsfield
 - Framingham
 - Chelsea
 - Dracut
 - Gloucester

Water-Smart Program/Pilot Program- Local Health Involvement

- Communication: If elevated levels of lead are detected in any school or childcare facility/program, after MassDEP contacts them, MDPH will follow-up with an email to the school or facility/program and local health dept with more information on the health effects of lead.
- Outreach: Spread the word about the program
 - Schools and Childcare Facilities
 - Public Water Systems

DWP Efforts to Support PWS Financial Capacity

Manage/Support Grant Programs

- SRF Asset Mgmt Planning Grant
- SRF LSL Replacement Grant (@2022)
- DCR Water Supply Land Protection Grant
- CWT School Water Improvement Grant (@2020)
- DWP Small, Underserved, and Disadvantaged Community Grant (@2020)
- DWP Emerging Contaminants- Small or Disadvantaged Community Grant (@2023)
- DWP Cybersecurity Grant (@2024)

Upcoming New Grant Program

- DWP Engineering and Design Planning for Small PWS Grant



How Can I Stay Updated on Drinking Water Topics?

- Subscribe to DWP's *In The Main* e-newsletter for program updates, timely reminders, trainings and other notices.
- Send blank email (no subject line) to join-dep-dwp-subscribers@listserv.state.ma.us.

Lead and Copper Rule Revisions (LCRR)

Compliance started **October 16, 2024**

Initial Service Line Inventories (SLI) due **October 16, 2024.**

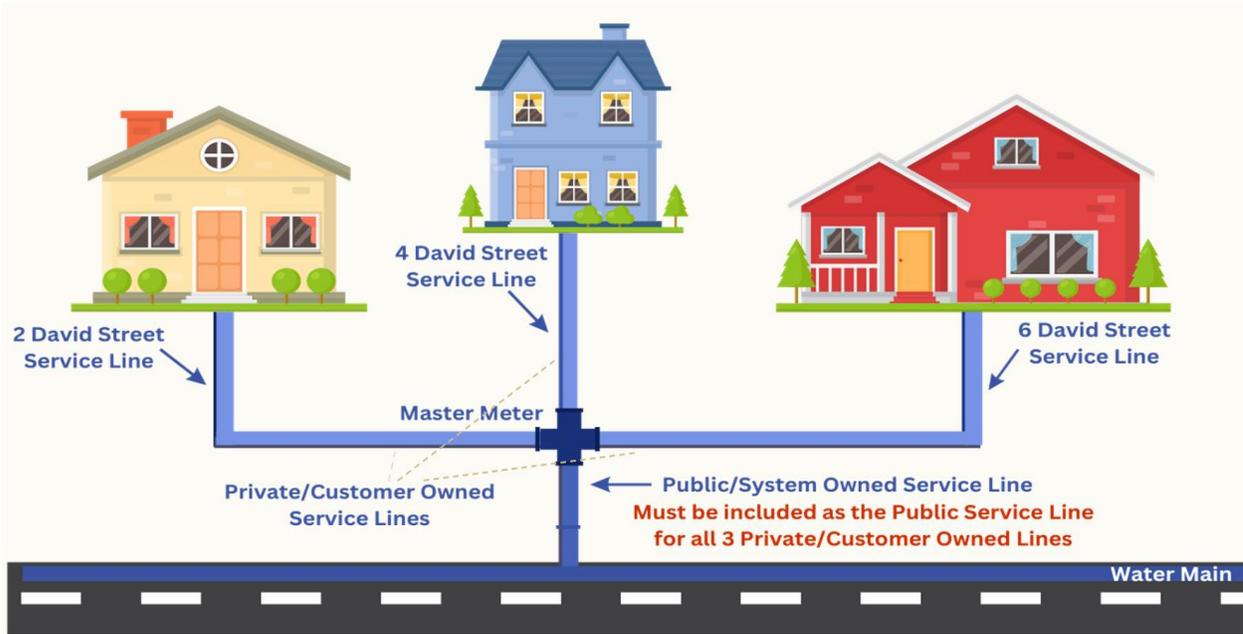
Lead service line replacement plans (LSLRP) summary due if system used SRF funding.

MassDEP DWP still recommends PWS develop LSLRP even though the LCRI delayed its due date.

Consumer notification due for households and structures with lead, galvanized requiring replacement (GRR) and unknowns service lines due **November 15, 2024**

24-hour Tier 1 public notice for lead 90th percentile exceedances after **October 16, 2024.**

IMPORTANCE OF THE SERVICE LINE INVENTORIES



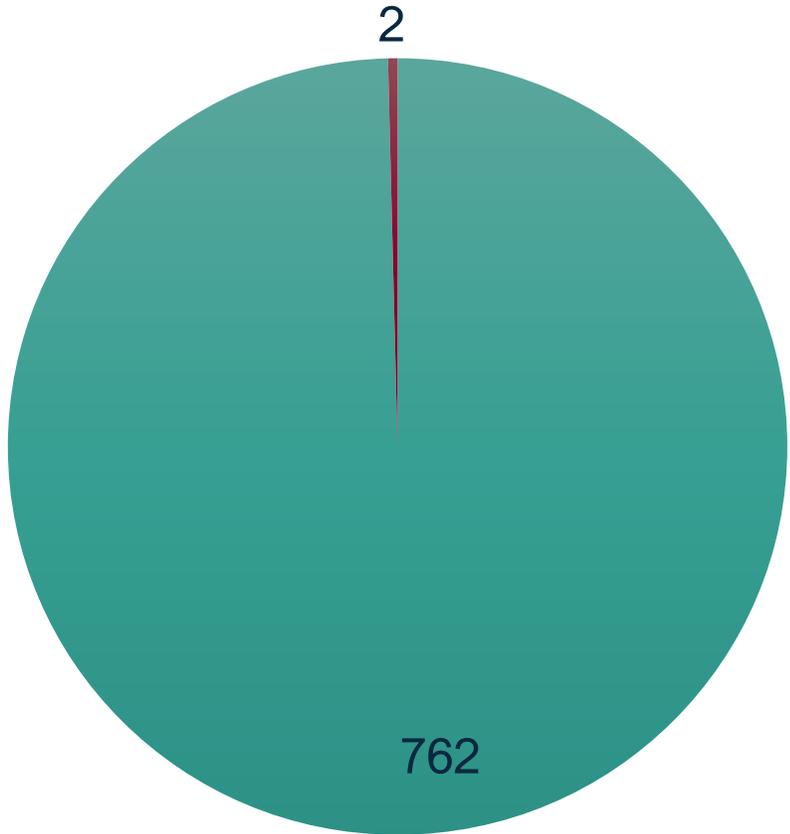
Lead primarily enters drinking water through plumbing materials and service lines. Source waters are rarely the cause of elevated lead levels in finished drinking water.

I WANT YOU



TO SUBMIT YOUR SERVICE LINE INVENTORY BY **OCTOBER 16, 2024**

PWS Required to Submit a SLI (764)

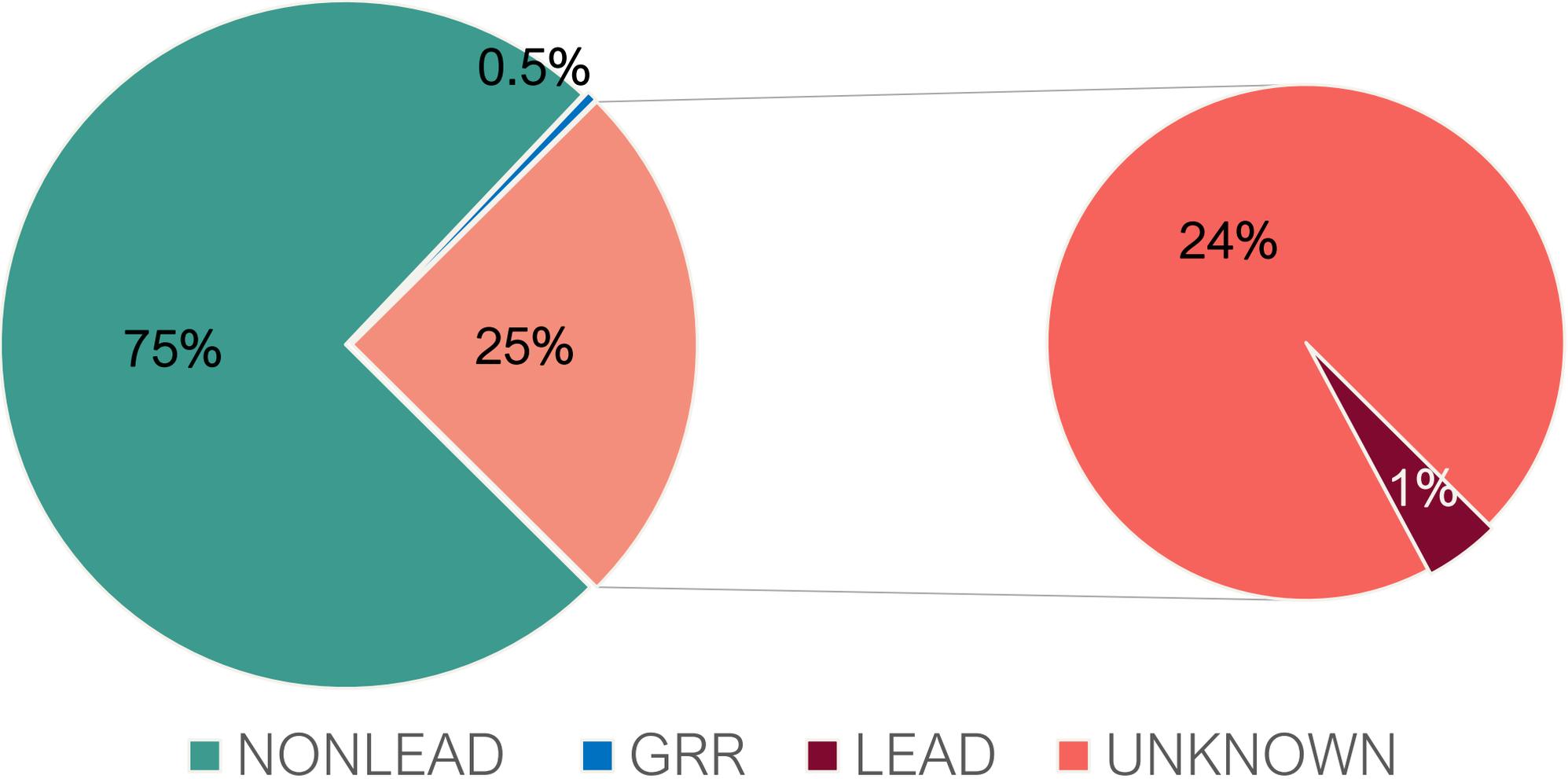


Number of PWS that received assistance to develop SLI

UMass Technical Assisted - 156 PWS
SRF Grant - 157 PWS

■ Total SLIs Received ■ PWS that did not submitted a SLI

SL Classifications for 461* PWS (745,909 SL)

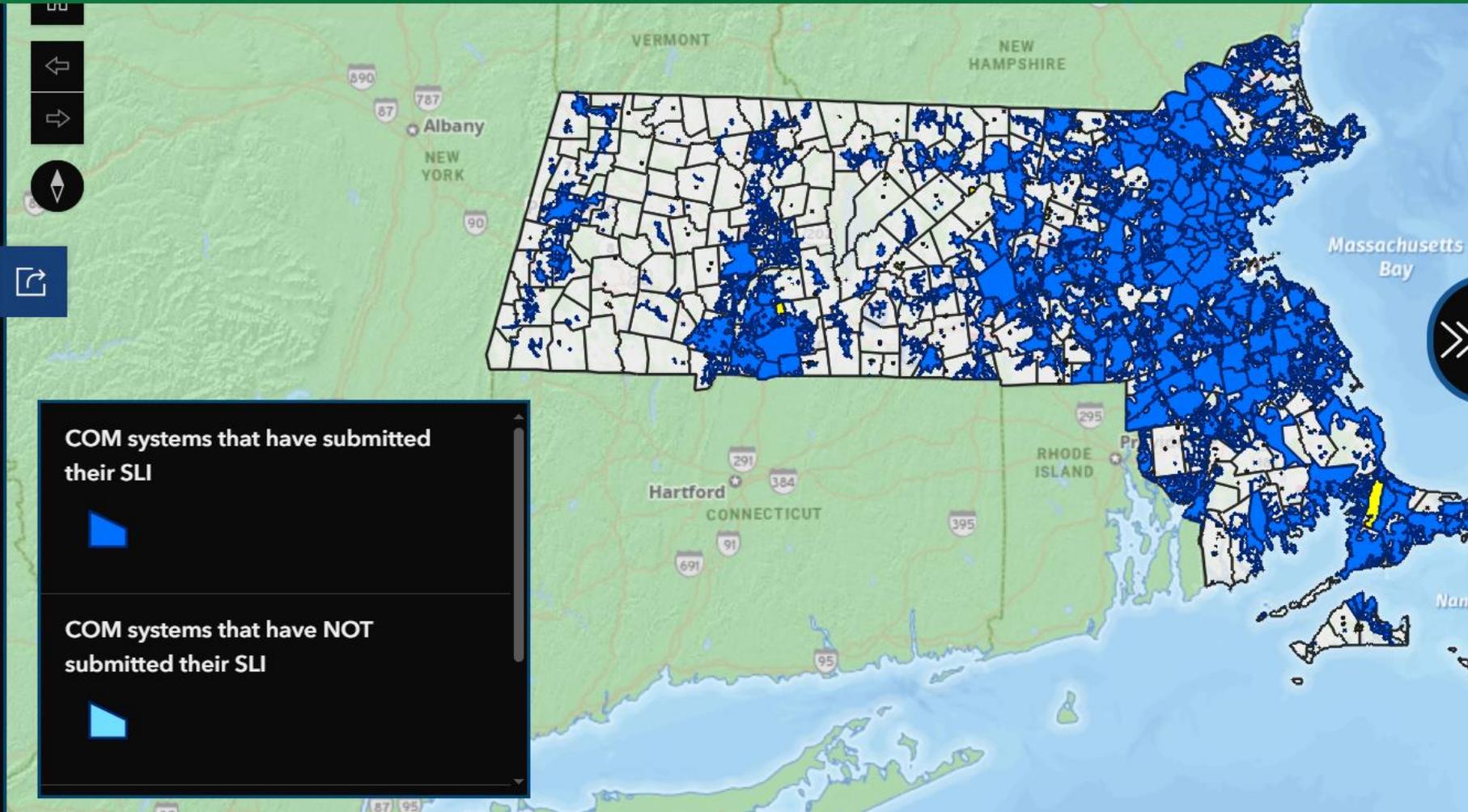


* MassDEP still working on reviewing and processing some SLI

Massachusetts Service Line Inventories Hub Site

Search [Sign In](#)

MassDEP- Drinking Water Program- Lead and Copper Rule Revisions



System name: **MWRA**

City/Town where the system serves or where their main office is located: **BOSTON**

This is a **COM** system. Consecutive system? **N**

Serving Population: Summer: **2,660,000** Winter: **2,660,000**

To see the submitted SLI (unless under MassDEP review) click [here](#)

Has the PWS identified lead in their SLI: **NO**

Has the PWS exceeded the [action level](#)? **N**

Lead results: **0.011** ppm (mg/L)

System contact: **VALERIE MORAN**, (617) 242-6000

If the system has a website, the following link will take you there: [Link](#)

Service area mapped by: **DWP**

System name: **BOSTON WATER AND SEWER COMMISSION (MWRA)**

City/Town where the system serves or where their

SLI Consumer Notices

Timing of Notification

- Structures with service lines identified as lead, GRR or lead status unknown must have received a consumer notice by **November 15, 2024**.
- This notification must be repeated on an annual basis until the entire service line is no longer a lead, GRR, or lead status unknown. For new customers, PWS shall also provide the notice at the time of service initiation.
- PWS must certify to MassDEP that all notices were distributed by July 1st of the following year.

Templates

- The consumer notices are located at [Lead & Copper Forms and Templates | Mass.gov](#).
- Website for consumers: <https://www.mass.gov/info-details/lead-and-copper-rule-revisions#information-for-massachusetts-consumers->

[System] DRINKING WATER NOTICE

**Choose One: (1) Your home is served by a confirmed lead service line.
(2) Your home is served by a lead service line verified by [verification method]**

This notice contains important information about your drinking water. Have someone translate it for you or speak with someone who understands it.

| Dear Customer,

Water systems are now required to document all water service line materials and identify any lead or lead containing materials. Our most recent inventory has determined that [a portion of or the entire] water pipe (called a service line) that connects your [home, building, or other structure] to the water main is made from lead.

Health effects of lead.

[Remove Instructions Before Sending: This section “Health effects of lead” must be kept as is without any changes, as required by the LCRR.]

Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney or nervous system problems.

LCRR TIER 1 PN REQUIREMENTS

Within the 24 hours after PWS exceeds the 90th percentile action level exceedance (ALE) for lead of 15 ppb, the following actions must be taken:

1. Consult with the State as soon as practical to notify them of the ALE and determine if there are any additional PN requirements (e.g., content, repeat notices, and/or posting).
2. Issue the PN to customers within 24 hours after PWS learns of the lead ALE even if PWS is unable to contact the State.
3. Send a copy of Tier 1 PN to the State, as well as to the EPA via email at: LeadALE@epa.gov. **Work with the State to coordinate reporting to EPA.**

Within 10 days of issuing the PN, PWS must submit a certification to the State (and local board of health (LBH) as per our template) that the PN met all requirements. Certification must also be submitted for repeat notices if required.

LCRR TIER 1 PN REQUIREMENTS

Delivery: Tier 1 PN must reasonably reach all people served by the system, including residential, transient, and non-transient customers.

PN must be displayed in a prominent way when printed or posted.

MA Delivery Requirements - PWS must use one or more of the following methods to deliver the notice to consumers (310 CMR 22.16(2)(c)):

- Radio - Television - Reverse 911
- Hand or direct delivery - Posting in conspicuous locations

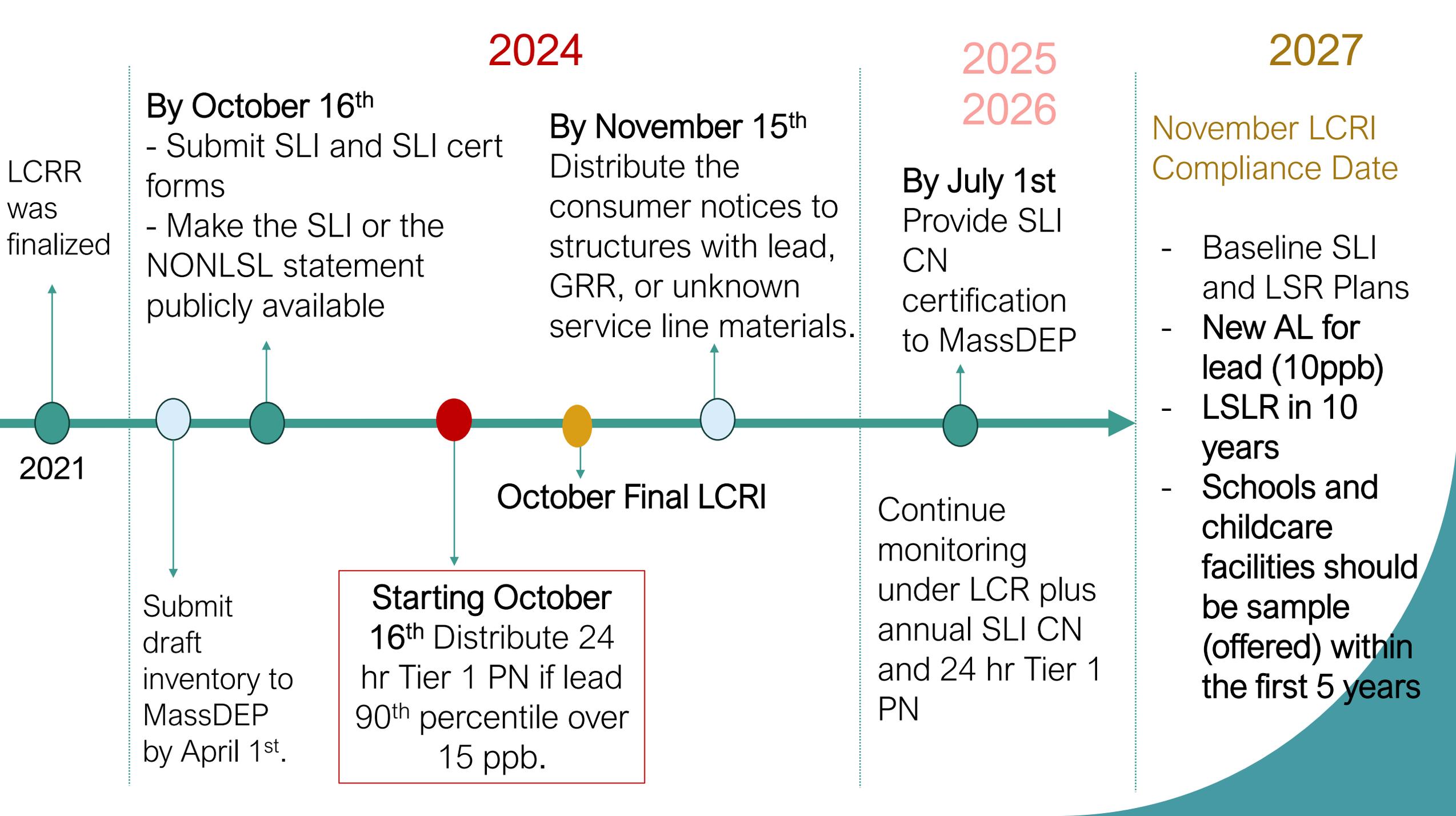
In addition to one (or more) of the above methods, PWS must publish the Tier 1 public notice within their local newspaper as a one-day advertisement no later than 14 days after the exceedance. A copy must be submitted to MassDEP no later than the time published.

If a large proportion of the population your water system serves does not speak English, the notice must either:

- 1. Include information in the appropriate language(s) regarding the importance of the notice, or*
- 2. Provide a phone number or address where people may contact the water system to obtain a translated copy of the PN or to request assistance in the appropriate language.*

WHAT IS NEXT?

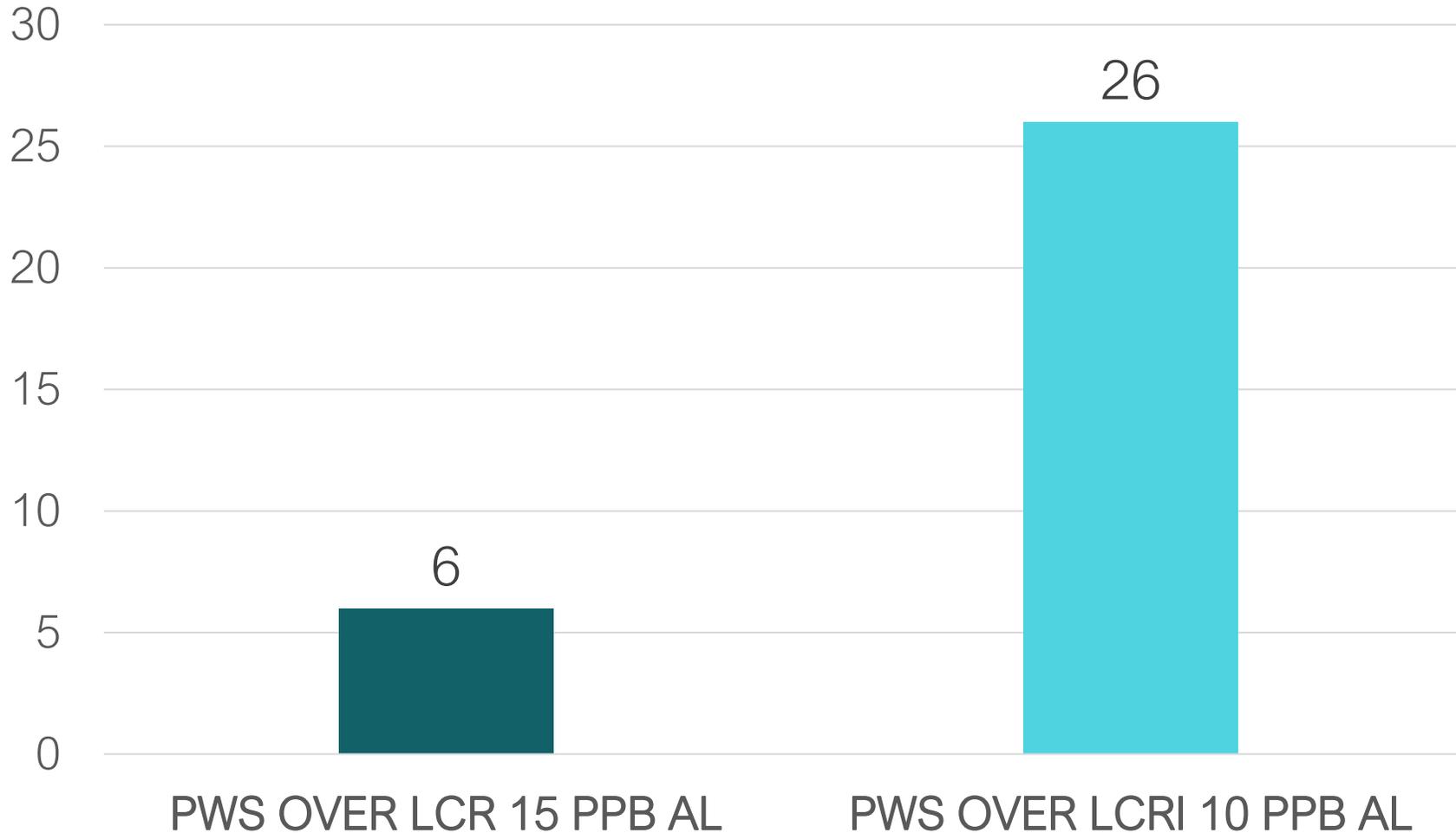




Baseline Service Line inventory

- Due November 1, 2027
- Include information regarding connectors
- **All water systems must identify the material of all lead status unknown service lines** by the applicable mandatory service line replacement deadline (11/1/2037 for most PWSs).
- The water system must identify a validation pool consisting of all service lines categorized as “non-lead.” Confirmation of service line material must be done by visual inspection of the pipe exterior at a minimum of two points.
- **We will need to prepare MA PWS for these requirements by starting to verify unknown service lines now.**

Number of MA PWS Exceeding the LCR lead action level (AL) vs the future LCRI AL as of December 2024



- PWS that may potentially exceed the LCRI AL will increase by 333%

Thank you