



Lead Service Line Inventories and Programs

Stephen Estes-Smargiassi
Massachusetts Water Resources Authority

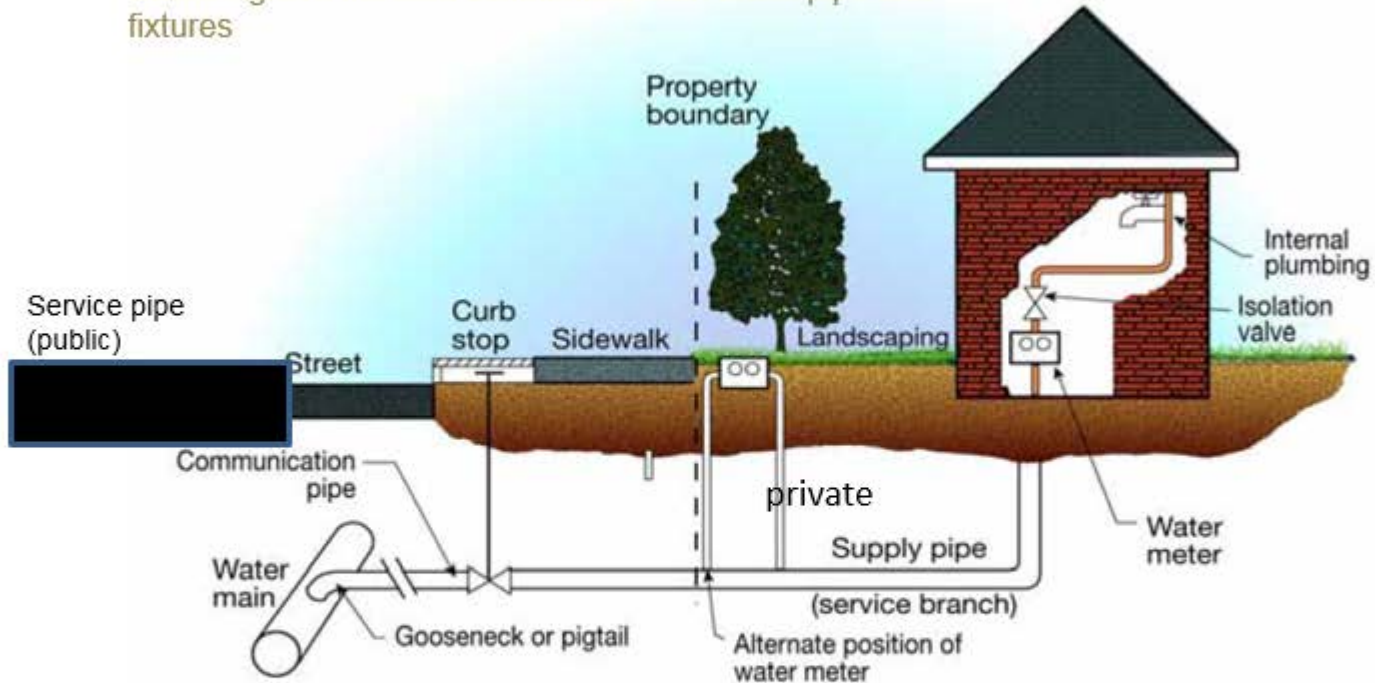
June 29, 2017



What is a Lead Service Line?

Defining Lead Service Lines

Cannot ignore the lead contribution from brass pipe and fixtures





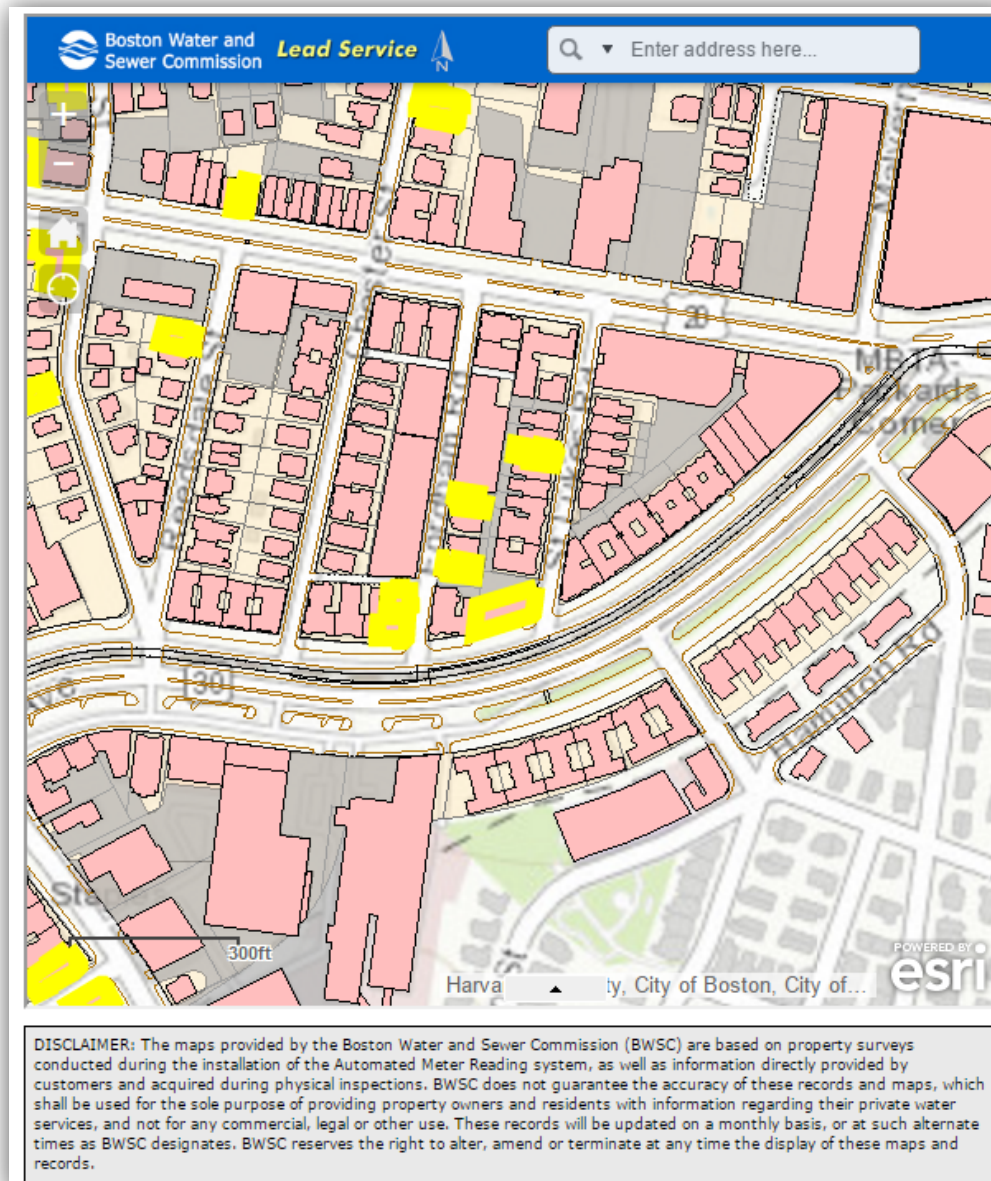
Brass Components



Old galvanized water service pipe >



Boston Water and Sewer Commission Lead Service Map






BWSC Website - Lead Service Map

BWSC Home

Guest

← → ↻ **bwsoc.org/home/home.asp** 🔍



Boston Water and Sewer Commission

080 Harrison Ave. Boston, MA 02110

Martin J. Walsh, Mayor Henry F. Vitale, Executive Director

- Home
- About BWSC
- Customer Service
- Public Outreach
- Projects
- Doing Business
- Regulations
- June 22, 2017

GO **BWSC Home**


Quick Links

- Customer Service**
 - Change of Ownership
 - Your Account
 - Lien Certificate
 - FAQs
- Forms and Permits**
 - General Service Application
 - Hydrant Meter
 - Dewatering
 - New Construction
- Programs**
 - The Water Trailer
 - Sewer Lateral
 - Leak Up To Owner
 - Lead Service Replacement
 - Free Grease Can Lid
 - Currents Newsletter
- Hours of Operation**
- Location & Directions**
- Proposals and Bids**
- Departments**
- Report a Problem**
- Water Quality Report**


Welcome

Boston is home to New England's oldest and largest water, sewer and stormwater systems, which are owned, maintained and operated by the Boston Water and Sewer Commission (BWSC). Established in 1977, BWSC provides potable water and sewer services to more than one million people per day. BWSC is also the leading organizer of We Are All Connected, a campaign to raise public awareness about the importance of protecting and preserving Boston's waterways.

What's New




Check Your Local Rainfall Index




Boston Water and Sewer Commission Employees Honored by Boston Fire Department

Pair Awarded Outstanding Civilian Service Award for Courage on Dartmouth Street



Lead Service Map

Lead is everywhere. Whether you live in an apartment or single family home, in an old or new neighborhood, lead is in your environment.



Automatic Meter Reading System Upgrade

The Automatic Meter Reading System allows customers to monitor usage and control costs.

ALL APPOINTMENTS for upgrades, contact Customer Service at 617-989-7800

CUSTOMER LOGIN

Account Number

Access Number

Login

[Need help logging in?](#)

PUBLIC NOTICES

- JUNE UPDATE- SOUTH END PROJECTS**
- JUNE UPDATE - FENWAY**
- JUNE - NORTH END PROJECT UPDATE**
- JUNE -DUDLEY SEWER PROJECT UPDATE**
- JUNE-MWRA DISCOLORED WATER NOTICE**
- MAY-SOUTH BOSTON WATER AND SEWER IMPROVEMENTS**
- Sewer Lateral Bonded Contractor List**
- Bonded Contractors - Full List**
- Customer Safety Alert**

DID YOU KNOW?

The body is comprised of 65-90% water; there is not a more important thing we can put in our body than drinking water.

bwsoc.org/COMMUNITY/rainfall/telog_rainfall/rf_daily.asp



BWSC Website - Lead Service Map

Boston Water and Sewer Commission
980 Harrison Ave. Boston, MA 02119
Martin J. Walsh, Mayor Henry F. Vitale, Executive Director

Home About BWSC Customer Service Public Outreach Projects Doing Business Regulations June 22, 2017

Public Outreach Lead Resources Lead Service Map

Lead Service Map

Prior to 1950, lead was commonly used in the manufacture and installation of water service pipes and some private water service lines are made of lead. If too much lead enters your body, it can pose significant health risks, especially to children. For more information, refer to our [Sources of Lead](#) page.

The following map indicates, in **yellow**, properties within the City of Boston that have private lead service pipes. If your property has a lead service pipe, consider the following:

- Owners of properties with lead service pipes can call the BWSC Lead Hotline at (617) 989-7888.
- Any building with an active water and sewer account serviced by a domestic water service pipe of two inches in (2") diameter and under may be eligible for BWSC's [Lead Replacement Incentive Program](#).
- Tenants, whose building has a lead water service should contact their landlord or building manager.

Instructions

1. Begin entering an address in the search box, then select an address from the dropdown. Properties with lead service are highlighted in **yellow** and listed below the map.
2. Use the plus and minus buttons in the upper left corner to zoom in and out.
3. If you cannot find your street on the map, call the Lead Hotline at (617) 989-7888 for assistance.

Note:

- To view a list of the buildings in the current map extent with lead service, click the up-arrow button at the bottom center of the map.
- To export the data in the Lead Buildings table to a CSV excel file, click the 'Options' button to open a drop down list. Click 'Select Records in All Pages' to select all records, or choose your own selection. Next, click the 'Options' button again to open the drop down list, and click 'Export to CSV' at the bottom of the list. Click OK to generate the CSV file.

For more information on the health risks of lead, see our [Lead in Drinking Water brochure](#).

Lead Service Enter address here...

CUSTOMER LOGIN

Account Number

Access Number

Login
[Need help logging in?](#)

PUBLIC NOTICES

- JUNE UPDATE- SOUTH END PROJECTS
- JUNE UPDATE - FENWAY
- JUNE - NORTH END PROJECT UPDATE
- JUNE - DUDLEY SEWER PROJECT UPDATE
- JUNE-MWRA DISCOLORED WATER NOTICE
- MAY-SOUTH BOSTON WATER AND SEWER IMPROVEMENTS
- Sewer Lateral Bonded Contractor List
- Bonded Contractors - Full List
- Customer Safety Alert

DID YOU KNOW?

A tributary is a small stream that flows into a larger stream.

RELATED LINKS



BWSC Website - Lead Service Map

Lead Service Map

Guest

bwsc.org/COMMUNITY/lead/leadmaps.asp#TOP_PAGE

Currents Newsletter

Hours of Operation
Location & Directions
Proposals and Bids
Departments
Report a Problem
Water Quality Report

1. Begin entering an address in the search box, then select an address from the dropdown. Properties with lead service are highlighted in **yellow** and listed below the map.
2. Use the plus and minus buttons in the upper left corner to zoom in and out.
3. If you cannot find your street on the map, call the Lead Hotline at (617) 989-7888 for assistance.

Note:

- To view a list of the buildings in the current map extent with lead service, click the up-arrow button at the bottom center of the map.
- To export the data in the Lead Buildings table to a CSV excel file, click the 'Options' button to open a drop down list. Click 'Select Records in All Pages' to select all records, or choose your own selection. Next, click the 'Options' button again to open the drop down list, and click 'Export to CSV' at the bottom of the list. Click OK to generate the CSV file.

For more information on the health risks of lead, see our [Lead in Drinking Water brochure](#).

Lead Service | Boston Water and Sewer Commission

Enter address here...

Map showing various Boston neighborhoods color-coded by lead service status. The map includes labels for neighborhoods such as Allston/Brighton, Back Bay/Beacon Hill, Fenway/Kenmore, South End, South Boston, Central, East Boston, Charlestown, Cambridge, Jamaica Plain, Roxbury, North Dorchester, South Dorchester, Resindale, Mattapan, Hyde Park, West Roxbury, and Harbor Islands. A search bar is visible at the top of the map interface.

JUNE - NORTH END PROJECT UPDATE

JUNE - DUDLEY SEWER PROJECT UPDATE

JUNE-MWRA DISCOLORED WATER NOTICE

MAY-SOUTH BOSTON WATER AND SEWER IMPROVEMENTS

Sewer Lateral Bonded Contractor List

Bonded Contractors - Full List

Customer Safety Alert

DID YOU KNOW?

A tributary is a small stream that flows into a larger stream.

RELATED LINKS

- Steps to Reduce Exposure
- Lead Pipe Replacement Program
- Lead Testing Centers
- Other Lead Sources

DISCLAIMER: The maps provided by the Boston Water and Sewer Commission (BWSC) are based on property surveys conducted



BWSC Website - Lead Service Map

Lead Service Map

Guest

bwsc.org/COMMUNITY/lead/leadmaps.asp#TOP_PAGE

[Currents Newsletter](#)
[Hours of Operation](#)
[Location & Directions](#)
[Proposals and Bids](#)
[Departments](#)
[Report a Problem](#)
[Water Quality Report](#)

1. Begin entering an address in the search box, then select an address from the dropdown. Properties with lead service are highlighted in **yellow** and listed below the map.
2. Use the plus and minus buttons in the upper left corner to zoom in and out.
3. If you cannot find your street on the map, call the Lead Hotline at (617) 989-7888 for assistance.

Note:

- To view a list of the buildings in the current map extent with lead service, click the up-arrow button at the bottom center of the map.
- To export the data in the Lead Buildings table to a CSV excel file, click the 'Options' button to open a drop down list. Click 'Select Records in All Pages' to select all records, or choose your own selection. Next, click the 'Options' button again to open the drop down list, and click 'Export to CSV' at the bottom of the list. Click OK to generate the CSV file.

For more information on the health risks of lead, see our [Lead in Drinking Water brochure](#).

Boston Water and Sewer Commission **Lead Service**

Charlestown
East Boston
Central

City of _____ ty of Cambridge, MassGl... esri

DISCLAIMER: The maps provided by the Boston Water and Sewer Commission (BWSC) are based on property surveys conducted

JUNE - NORTH END PROJECT UPDATE
JUNE - DUDLEY SEWER PROJECT UPDATE
JUNE-MWRA DISCOLORED WATER NOTICE
MAY-SOUTH BOSTON WATER AND SEWER IMPROVEMENTS
Sewer Lateral Bonded Contractor List
Bonded Contractors - Full List
Customer Safety Alert

DID YOU KNOW?

A tributary is a small stream that flows into a larger stream.

RELATED LINKS

- Steps to Reduce Exposure
- Lead Pipe Replacement Program
- Lead Testing Centers
- Other Lead Sources



BWSC Website - Lead Service Map

Lead Service Map

Guest

bwsc.org/COMMUNITY/lead/leadmaps.asp#TOP_PAGE

- To view a list of the buildings in the current map extent with lead service, click the up-arrow button at the bottom center of the map.
- To export the data in the Lead Buildings table to a CSV excel file, click the 'Options' button to open a drop down list. Click 'Select Records in All Pages' to select all records, or choose your own selection. Next, click the 'Options' button again to open the drop down list, and click 'Export to CSV' at the bottom of the list. Click OK to generate the CSV file.

For more information on the health risks of lead, see our [Lead in Drinking Water brochure](#).

Boston Water and Sewer Commission **Lead Service** Enter address here...

DISCLAIMER: The maps provided by the Boston Water and Sewer Commission (BWSC) are based on property surveys conducted during the installation of the Automated Meter Reading system, as well as information directly provided by customers and acquired during physical inspections. BWSC does not guarantee the accuracy of these records and maps, which shall be used for the sole purpose of providing property owners and residents with information regarding their private water services, and not for any commercial, legal or other use. These records will be updated on a monthly basis, or at such alternate times as BWSC designates. BWSC reserves the right to alter, amend or terminate at any time the display of these maps and records.

Sewer Lateral Bonded Contractor List

Bonded Contractors - Full List

Customer Safety Alert

DID YOU KNOW?

A tributary is a small stream that flows into a larger stream.

RELATED LINKS

- Steps to Reduce Exposure
- Lead Pipe Replacement Program
- Lead Testing Centers
- Other Lead Sources

Contact Us | Employment | Links | Glossary | Site Map | Privacy Policy | FAQ

Copyright © 2017 | Boston Water and Sewer Commission | 980 Harrison Ave. Boston, MA 02119 | (617) 989-7000



BWSC Website - Lead Service Map

Lead Service Map

Guest

bwsoc.org/COMMUNITY/lead/leadmaps.asp#TOP_PAGE

200ft

City of Cambridge, MassGl...

POWERED BY esri

DISCLAIMER: The maps provided by the Boston Water and Sewer Commission (BWSC) are based on property surveys conducted during the installation of the Automated Meter Reading system, as well as information directly provided by customers and acquired during physical inspections. BWSC does not guarantee the accuracy of these records and maps, which shall be used for the sole purpose of providing property owners and residents with information regarding their private water services, and not for any commercial, legal or other use. These records will be updated on a monthly basis, or at such alternate times as BWSC designates. BWSC reserves the right to alter, amend or terminate at any time the display of these maps and records.

Home | Us | Employment | Links | Glossary | Site Map | Privacy Policy

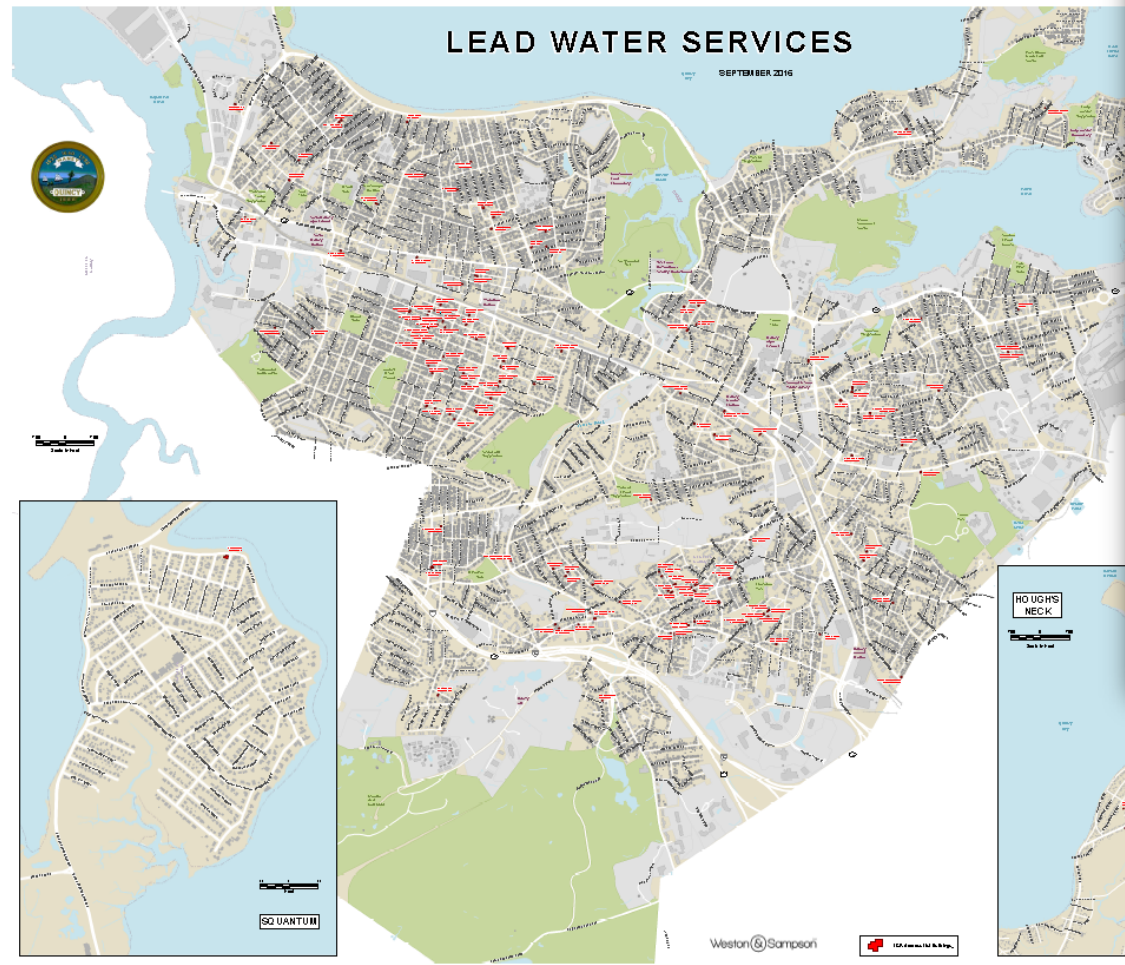
Copyright © 2017 | Boston Water and Sewer Commission | 980 Harrison Ave. Boston, MA 02119 | (617) 989-7



Quincy Map

LEAD WATER SERVICES

SEPTEMBER 2016

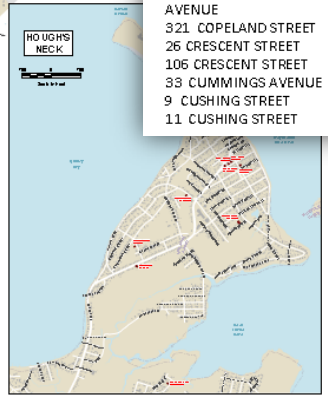


Site Address

- 188 ALBATROSS ROAD
- 35 APPLETON STREET
- 41 APPLETON STREET
- 166 ARLINGTON STREET
- 226 ARLINGTON STREET
- 74 ARNOLD ROAD
- 21 ARTHUR STREET
- 30 ARTHUR STREET
- 32 ARTHUR STREET
- 35 ARTHUR STREET
- 13 BALLOU STREET
- 15 BALLOU STREET
- 18 BARRY STREET
- 23 BARRY STREET
- 51 BARRY STREET
- 25-27 BAXTER STREET
- 26-28 BAXTER STREET
- 85 BAYSIDE ROAD
- 74 BEACH STREET
- 99 BEACH STREET
- 129-131 BEACH STREET
- 309 BEALE STREET
- 188 BELMONT STREET
- 254 BELMONT STREET
- 269 BELMONT STREET
- 31 THOMAS BURGIN PARKWAY
- 117-119 THOMAS BURGIN PARKWAY
- 94 BUTLER ROAD
- 21-23 CALEDONIA AVENUE
- 69 CENTRE STREET
- 100-102 CENTRE STREET
- 42-44 CHESTER STREET
- 22 CLIVE STREET
- 186 COMMON STREET
- 251 COMMON STREET
- 51 COMMONWEALTH AVENUE
- 72 COMMONWEALTH AVENUE
- 321 COPELAND STREET
- 26 CRESCENT STREET
- 106 CRESCENT STREET
- 33 CUMMINGS AVENUE
- 9 CUSHING STREET
- 11 CUSHING STREET

- 110 DYSART STREET
- 43 ELM AVENUE
- 130-132 ELM STREET
- 104 ELMWOOD AVENUE
- 143 ELMWOOD AVENUE
- 21 ENDICOTT STREET
- 29 EUSTIS STREET
- 231 EVERETT STREET
- 235-237 EVERETT STREET
- 34 FAIRMOUNT WAY
- 196 FARRINGTON STREET
- 232 FARRINGTON STREET
- 248 FARRINGTON STREET
- 312 FARRINGTON STREET
- 243 FAYETTE STREET
- 76-78 GLOVER AVENUE
- 63 GODDARD STREET
- 250 GRANITE STREET
- 342-344 GRANITE STREET
- 32 GREENE STREET
- 167 HARRIET AVENUE
- 243 HIGHLAND AVENUE
- 313 HIGHLAND AVENUE
- 314 HIGHLAND AVENUE
- 25 HIGH SCHOOL AVENUE
- 48 HOBART STREET
- 17-19 HOLMES STREET
- 269 MANET AVENUE
- 14 MARION STREET
- 42 MARION STREET
- 129 MARLBORO STREET
- 64-68 MERRYMOUNT ROAD
- 118 MERRYMOUNT ROAD
- 15 MINHANS LANE
- 151 MONROE ROAD
- 8 MYRTLE STREET
- 1-3 NELSON STREET
- 15 NELSON STREET
- 40 NELSON STREET
- 45 NELSON STREET
- 49 NELSON STREET
- 99 NEWBURY AVE.
- 52 NEWCOMB STREET
- 51 NEWTON AVENUE
- 37 NIGHTINGALE AVENUE
- 42 NIGHTINGALE AVENUE
- 87 NIGHTINGALE AVENUE
- 35 NIGHTINGALE AVENUE

- 45-47 NIGHTINGALE AVENUE
- 136 NORFOLK STREET
- 153 NORFOLK STREET
- 183 NORFOLK STREET
- 109 NORTH CENTRAL AVENUE
- 28 NORTH CENTRAL AVENUE
- 33 NORTH CENTRAL AVENUE
- 39 NORTH CENTRAL AVENUE
- 64 NORTH CENTRAL AVENUE
- 92 NORTH CENTRAL AVENUE
- 35-37 NORTH PAYNE STREET
- 40 NORTHFIELD AVENUE
- 32 PROSPECT AVENUE
- 98 PUTNAM STREET
- 891 SEA STREET
- 1173 SEA STREET
- 5-13 SHAW STREET
- 251 SOUTH CENTRAL AVENUE
- 39-41 SOUTH WALNUT STREET
- 41 STEWART STREET
- 2-4 TOWN HILL STREET
- 32 VERCHILD STREET
- 18 WALL STREET
- 182 WARREN AVENUE
- 25-27 ARTHUR STREET
- 81 SOUTH WALNUT STREET
- 26 BAY STATE ROAD
- 41-43 BRADFORD STREET
- 199 THOMAS BURGIN PARKWAY
- 35 CRESCENT STREET
- 288 FAYETTE STREET
- 1022 FURNACE BROOK PARKWAY
- 313 GRANITE STREET
- 244 INDEPENDENCE AVENUE
- 70 KENT STREET
- 21 ROBERTSON STREET
- 35 SAGAMORE AVENUE
- 85 TABER STREET





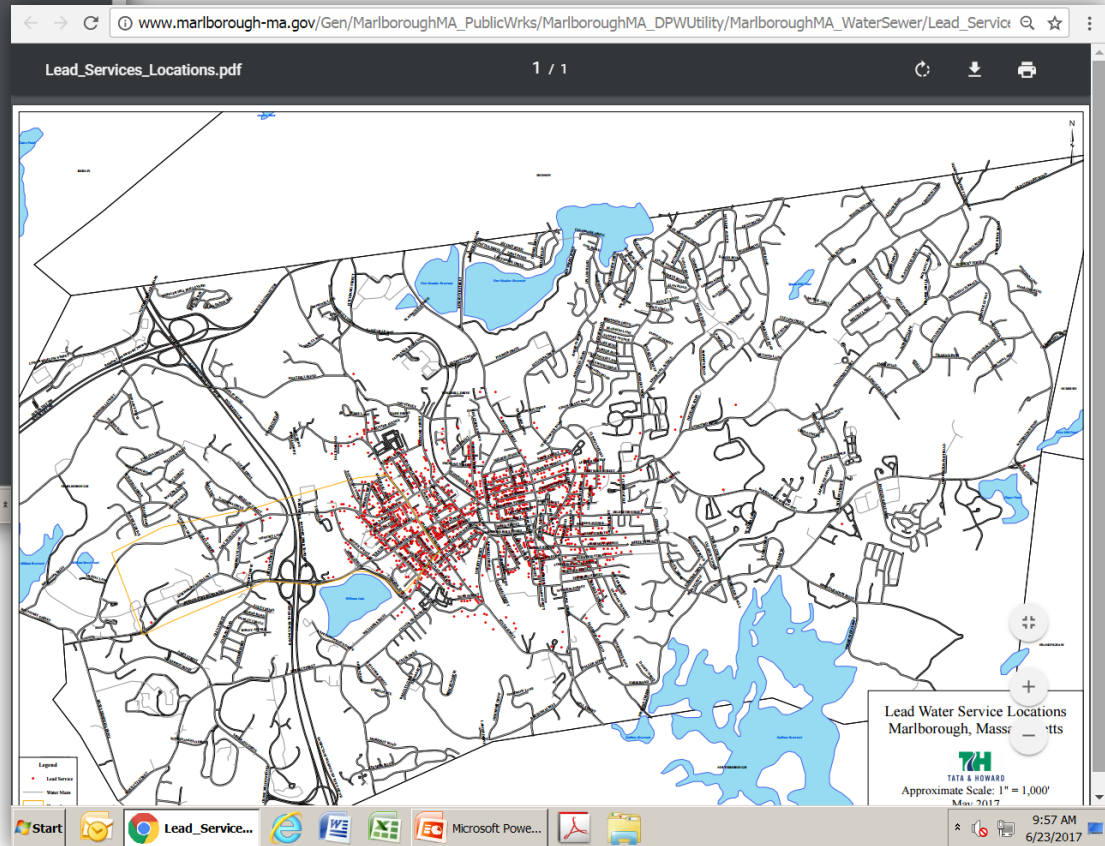
Marlborough Lead Inventory List and Map

Marlboro looks to MWRA loans to replace lead water lines

Section 4 List of Lead Services.xlsx 1 / 29

Section 4 - Documentation of Project Need
Suspected Lead Services
Marlborough, Massachusetts

SERVICE #	Address	Length of Service (feet)	
		from Water Main to Curb Box	from Curb Box to Building
885	14 ADAMS ST	16	
1241	16 ADAMS ST	21	
891	20 ADAMS ST	9	
1161	26 ADAMS ST	12	
871	32 ADAMS ST	23.6	
719	26 AMES PLACE	0	17.9
473	36 AMES PLACE	0	?
472	40 AMES PLACE	9	
569	43 AMES PLACE	0	29.9
2878	12 ARNOLD ST	0	25.4
1691	27 ARNOLD ST	12	27.11
2109	46 ARNOLD ST	0	13.7
2907	51 ARNOLD ST	13	23.1
1972	55 ARNOLD ST	0	21.4
849	24 AUBURN ST	0	15.6
2509	127 BEACH ST	0	39 GALV. 8 LD
2386	151 BEACH ST	0	14
1005	175 BEACH ST	0	21.4
1014	187 BEACH ST	0	13.3
2495	BEACH ST	0	331 GALV. 2 LD
3195	BEACH ST	34.4	
124	12 BELMONT ST	0	12
1140	16 BELMONT ST	21	18
2053	22 BELMONT ST	0	14.9
128	33 BELMONT ST	0	14
1797	65 BELMONT ST EXT	0	
3118	23 BERLIN ROAD	21.7	19
2609	43 BERLIN ROAD	12.6	74
2270	54 BERLIN ROAD	8.1	
2785	61 BERLIN ROAD	17.6	59.3
2472	66 BERLIN ROAD	14	
2277	84 BERLIN ROAD	5.6	
2563	100 BERLIN ROAD	6.4	
2268	108 BERLIN ROAD	7.5	
1787	36 BICKNELL	0	14
1568	40 BICKNELL	0	15.6
2186	14 Bicknell st	0	11
2586	17 BICKNELL ST	0	29.6
1999	20 BICKNELL ST	0	14





Malden Lead Service Line Map

← → ↻ **Secure** <https://maldenma.mapgeo.io/?latlng=42.4283%2C-71.067375&panel=themes&themes=%5B%22lead-overlay%22%5D&zoom=14> ☆ ⋮

MapGeo by AppGeo

City of Malden, MA
Proud Past, Strong Future

🔍 Search 🔄 Share 🖨️ Print 🗨️ Feedback

Getting Started

Use the tools to the right of the map to search for properties, toggle map themes, or add mark-up graphics to your map.

Please see the Help link below for additional information.

Contact Information

Disclaimer

Login

About MapGeo

Help

Inbox - Microsoft Outlook

Map Themes

Base Theme: Google Map

Lead Service Overlay:

Transparency:

CITY SIDE SERVICE

- ABANDONED
- CAST IRON
- CEMENT LINE
- COPPER
- DUCTILE IRON
- GALVANIZED
- LEAD
- UNKNOWN

Attribution

The city makes no representation as to the accuracy of this information. Some properties may have a lead service, or some properties may have removed a lead service that is not shown on this map, because the information is not known to city records. For more information contact City of Malden Engineering Department 781-397-7040.

[Click Here for more information.](#)

[Click here to request a drinking water test.](#)

USGS Aerial Photo, 2013 - 2014

Windows Taskbar: Start, Inbox - Micro..., City of Malde..., lead presentatio..., 10:21 AM 6/23/2017



Denver Water – Lead Service Line Program

Español Customer Support Emergencies Contact Us 303-893-2444 Pay Bill My Account

DENVER WATER I am a Residential Customer Go Search

Water Service & Support Billing & Rates Conservation **Water Quality** Supply & Planning Recreation Construction Projects Education & Outreach About Us

Water Quality

- Treatment Process
- Reports
- Managing Quality from Source to Tap**
 - Crypto & Giardia
 - Dirty Water
 - Disinfection Byproducts
 - Fluoride
 - Lead**
 - Where Water Meets Lead
 - Reducing the Risk
 - Home Treatment Devices
 - Lead Service Lines**
 - Request a Lead Test
 - Using Our Lead Test
 - Perchlorate
 - Taste & Odor
 - Trace Pharmaceuticals
 - Water Hardness

Home → Water Quality → Managing Quality from Source to Tap → Lead → Lead Service Lines


Lead Service Lines

Our goal: Get lead service lines out of our community

Property owners are [responsible for service lines](#), but Denver Water supports recommendations by the American Water Works Association and the National Drinking Water Advisory Council that utilities create plans for removing all lead service lines in their systems, with a shared responsibility among regulatory agencies, governments, utilities and customers.

If you're concerned about lead exposure, you can [request a free water quality test](#) and take [steps to reduce risk](#). But if you have a lead service line, the best way to remove lead from water is to replace that line with copper in full, from the water main into your home.

Loans for lead service line replacement



Replacing a lead service line can be a financial challenge, so Denver Water is partnering with [Denver Urban Renewal Authority \(DURA\)](#) to provide low-cost financing to replace these lines.

Under this 2017 pilot, which is serving as a trial for a potential wider-scale program in the future, DURA issues loans with interest rates of zero to 2 percent and repayment periods of 5 to 15 years, based on income. Eligibility requirements include owning a single-family home or duplex in the City and County of Denver or a Total Service distributor.

Contact DURA at 303-534-3872 to learn more.



Denver Water – Lead Service Line Resources

Home → Water Service & Support → Homeowner Responsibility

Homeowner Responsibility

Denver Water is responsible for maintaining and replacing water mains throughout its service area, while property owners are responsible for the service lines and meter pits at their service address.

Water damage can cost you

Water damage may or may not be covered separately from a typical homeowner's insurance policy. To verify whether water damage is covered in your policy, contact your insurance agent. Denver Water is not responsible for water damage caused by a property's service line or internal plumbing.

Service lines

Service lines include all pipe and fittings up to and including the stop and waste valve in a building with an outside meter setting, and up to and including the valve at the downstream side of the meter for an inside meter setting.

The dividing point between Denver Water-owned mains or distributor-owned mains and service lines that are the responsibility of the property owner is located where the property taps into the main, or the discharge side of the valve closest to the Denver Water-owned or distributor-owned main. At this dividing point, water leaves the public system and enters privately-owned facilities to serve individual premises. The service line is owned by and installed at the expense of the property owner.

We strongly encourage replacing a lead service line with copper to reduce the risk of lead exposure, which can have significant health impacts. Although lead isn't present in the water Denver Water sends to your house, lead can get into water as it moves through lead-containing service lines and household plumbing. Homes built before 1951 are more likely to contain lead service lines. If you suspect your service line is made of lead, you can request a water quality test and/or hire a plumber to check.

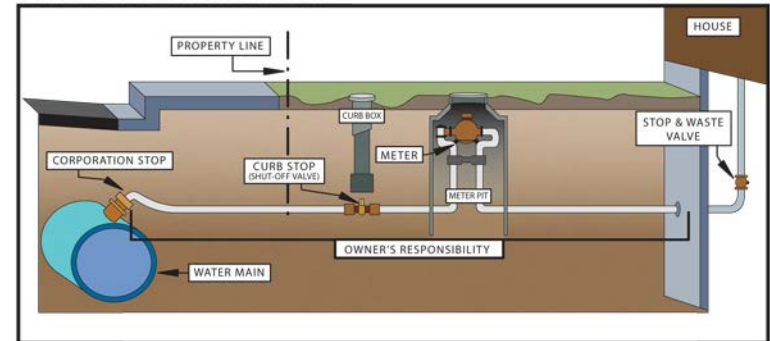
Through a partnership between Denver Water and Denver Urban Renewal Authority (DURA), owners of single-family homes or duplexes with verified lead service lines may be eligible for a no- to low-interest loan to replace their lines with copper. Contact DURA at 303-534-3872 for details.

Below is an example of an outside and an inside meter setting. Refer to Denver Water's Engineering Standards, standard drawings 53, 54 and 55 for specific layout dimensions.

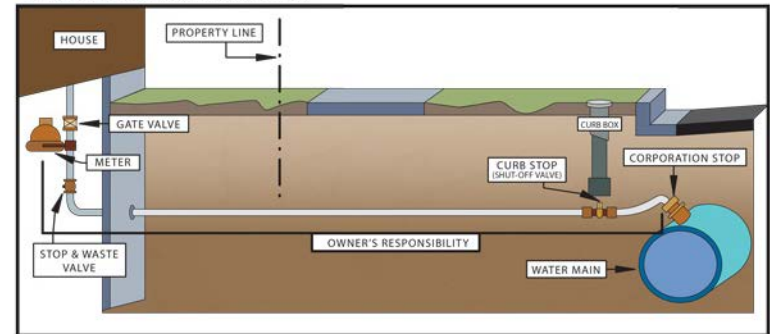
Through a partnership between Denver Water and Denver Urban Renewal Authority (DURA), owners of single-family homes or duplexes with verified lead service lines may be eligible for a no- to low-interest loan to replace their lines with copper. Contact DURA at 303-534-3872 for details.

Below is an example of an outside and an inside meter setting. Refer to Denver Water's Engineering Standards, standard drawings 53, 54 and 55 for specific layout dimensions.

OUTSIDE METER INSTALLATION



INSIDE METER INSTALLATION



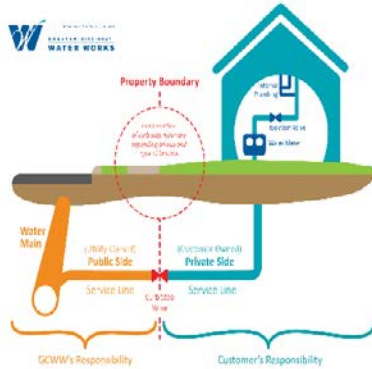


Cincinnati Lead Service Line Assistance

GCWW MENU

- Pay Your Bill / LOG IN
- H200
- Lead Awareness
- Leaks and Breaks
- About GCWW & Your Water
- Billing Information
- Moving or Selling Your Property
- News
- Engineering & Construction
- 2017 Rate Updates / Service Charges
- Contact Us

Service Line Ownership: "Public" versus "Private"



The figure above illustrates a typical service line ownership situation.

The water main runs down the street and the public (utility-owned) service connection runs from the water main to the property line. This is the GCWW portion of the connection and the responsibility of the utility (public responsibility).

The property owner owns the private service line section from the property line into the home. This private section is made of lead. Brass fittings, faucets and solder may also exist in the home and cause lead to be present. This is the owner's portion of the connection and the responsibility of the property owner (private responsibility).



Lead Line Replacement Customer Assistance Interest Form

YES! I would like to learn more about the GCWW Lead Line Replacement Customer Assistance Program. Please contact me when more information is available.

1. Please enter the information indicated below.

By entering my personal information, I consent to receive email communications from the survey author's organization based on the information collected.

First Name:

Last Name:

Work Phone:

Home Phone:

Email Address:

Address 1:

Address 2:

City:

State/Province (US/Canada):

Postal Code:

2. What year was your home built?

50 characters left.



Green Bay – Lead Information



Search

Pay Bill / View Account

Green Bay Water Utility

Home About ▾ Customer Service ▾ Water Quality ▾ Financial Info ▾ Links Contact Us ▾

General Lead Information

Nationwide, water infrastructure is aging and needs to be replaced. Accordingly, Green Bay Water Utility continues to replace lead service lines, which run from the water main in the street to individual homes, as quickly as possible.

While we're happy to report that fewer than 4% of our customers are currently affected by lead service lines, we won't be satisfied until the lead is completely out of our system.

You can find out if your home is part of the fewer than 4% by viewing a map of Green Bay's remaining lead water service lines.

There are some **easy tips to follow to minimize lead in your water.**

How was the lead issue determined?

In 2011, Green Bay Water Utility found lead levels in some homes to be above the U.S. Environmental Protection Agency's (EPA) action limit of 15 parts per billion (ppb), or 0.015 milligrams of lead per liter of water (mg/L). This was the first time Green Bay Water Utility exceeded the action level for lead since the EPA established testing requirements in 1992.

After conducting a corrosion study, Green Bay Water Utility discovered that the high lead levels were linked to lead service lines. The utility worked with the DNR to create an action plan to reduce lead levels that continues to be implemented.

How does lead get into the water?





Funding for Customers

What Is the Cost?

The estimated cost of the private lead water service replacement will be determined after an initial review of the property. Eligible property owners may qualify for a credit of up to \$2,000 towards the cost of the replacement by enrolling in this voluntary program.

How Can I Pay?

Property owners will have the ability to pay for the lead service replacement either:

- ▶ In a lump sum payment
- ▶ Interest-free, over a 48-month period as part of the water and sewer bill

How to Apply

To apply, call the Lead Hotline at 617-989-7888. Your property will be reviewed. Once the cost is determined, you may enroll, if eligible. Service replacement work is generally performed from April to October and is subject to availability.

Additional Information

For more information, call the **Lead Hotline** at **617-989-7888**.

Supplemental Information

Boston Public Health Commission
www.bphc.org
617-534-5395

Environmental Protection Agency
www.epa.gov/lead
1-800-424-LEAD (5323)

Department of Environmental Protection
www.mass.gov/eea/agencies/massdep/water/
E-mail: Program.Director-DWP@state.ma.us
617-292-5770

Massachusetts Water Resources Authority
www.mwra.com
617-242-LEAD (5323)



Let's protect Boston's waterways



Boston Water and Sewer Commission

Lead Hotline
617-989-7888

980 Harrison Avenue
Boston, MA 02119-2540
www.bwsc.org

Martin J. Walsh
Mayor, City of Boston

Henry F. Vitale
Executive Director



union bug



Boston Water and Sewer Commission

The Lead Replacement Incentive Program

