

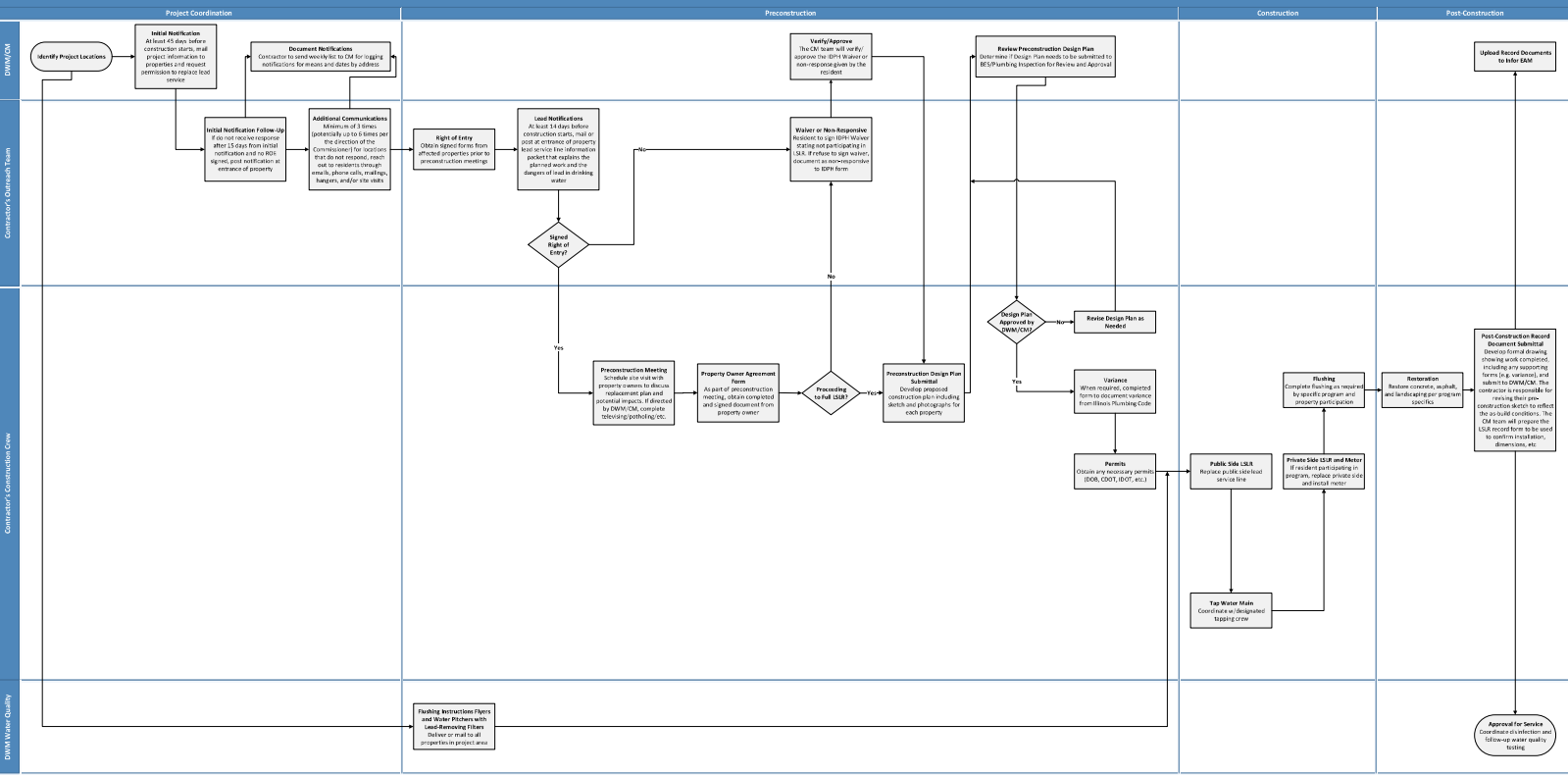
APPENDIX E

LEAD SERVICE LINE REPLACEMENT – PROCESS FLOWCHART, SUBMITTALS AND FORMS

The following documents are to provide guidance to the Contractor in fulfilling the LSLR documentation requirements under the contract. Note: These versions of the documents are provisional, are included for reference and are subject to change:

1. General LSLR Communication and Construction Process Flowchart
2. Right of Entry Form
3. Property Owner's Agreement Form
4. IDPH Waiver
5. Illinois Plumbing Code Variance Form
6. Outreach Packet
7. Example Pre-construction Survey (blank and completed examples)
8. Photograph Requirements

General LSLR Communication and Construction Process Flowchart



**RIGHT OF ENTRY AND RELEASE
FOR LEAD SERVICE LINE REPLACEMENT
AND
WATER METER INSTALLATION**

The City of Chicago (“City”) is initiating a planned program to replace lead service lines, including the lead service line on your property. The service lines run from the water main to the inside of your home.

The City requests that you, as an owner (“Owner”) of your property sign, complete, and return this document (“**Right of Entry**”), within fifteen (15) days after the date reflected above, to grant the City’s contractors (“Contractor”) and Department of Water Management representatives (“City Representatives”) a right of entry onto your property, which has the street address _____ {“**Your Property**”}, **and your permission authorizing that** the City may provide Your Property with a “Lead Service Line Replacement”. *If you are a tenant*, please provide a copy of this Right of Entry to your landlord and have the landlord sign and return this Right of Entry within fifteen (15) days after the date reflected above. *If Your Property is rented*, please notify your tenant(s) of the scheduled work authorized by you and as described herein.

REASON FOR THE CITY’S REQUEST FOR A RIGHT OF ENTRY:

LEAD SERVICE LINE REPLACEMENT: The City’s records indicate that the pipe from the City’s water main to Your Property may be made of lead or galvanized iron/steel. A water service line that is made of lead, also known as a lead service line, can increase you and your family’s risk of exposure to lead through drinking water and should be replaced if possible.

The City is preparing to replace the full water service line that serves Your Property from the City’s water main onto and in Your Property. This is referred to as “**Lead Service Line Replacement.**”

GENERAL DESCRIPTION OF SCOPE OF WORK:

The City’s Contractor, _____ and _____ other _____ City Representatives, will need your permitted access to Your Property to perform work associated with the Lead Service Line Replacement (“Work”). The Contractor and respective City Representatives will show you their respective identification prior to entering Your Property.

This **Work** involves shutting off your water service for an estimated eight (8) hours; removal of your existing lead or galvanized iron/steel water service; installation of a new copper service from the street to Your Property and through your basement wall to the existing water meter connection to the City water main; and flushing the new service.

Before beginning Work, the City’s Contractor will notify you when they will be on Your Property to perform the work. It is your responsibility to provide reasonable access and a working area for the Contractor at the service line and water meter location as requested by the Contractor and City Representatives. The Contractor and City Representatives may continue to enter onto and in Your Property until construction is completed and you and the City accept the Work.

RIGHT-OF-ENTRY:

By signing and returning this Right of Entry, you grant authorize, and permit the City, its City Representatives and Contractor the right (1) to enter onto and into Your Property, and (2) replace your lead service line on a mutually agreed upon time. The right to enter Your Property includes the **Work** mentioned above and the following purposes:

- Survey and take photographs and videos of the interior and exterior of Your Property;
- Replacement of your Lead or galvanized iron/steel Service Line; and
- Installation of a Water Meter and accessories.

The City's Contractor and City Representatives will suitably identify themselves prior to entering Your Property.

PLEASE NOTE: You and the City agree and understand that Lead Service Line Replacement and meter installation cannot begin until the City has on file your signed Right of Entry.

In consideration of the foregoing, you affirm that you are the lawful, record Owner of Your Property and hereby grant to the City a Right of Entry authorizing and permitting the City, Contractor, and City Representatives to enter onto and in Your Property, to (1) survey and take photographs and videos of the interior and exterior of Your Property in the area of the water service line before and after the Lead Service Line Replacement and the Meter installation; (2) bring workers, material, equipment, and supplies onto Your Property; (3) perform Lead Service Line Replacement, and installation of a Meter and accessories onto and into Your Property.

It is the City's policy and standard contract provision to require the Contractor to insure over its Lead Service Line Replacement Work.

Restoration to preconstruction conditions will not always be possible, and the extent of reconstruction will be discussed with you and agreed upon prior to beginning the Work. At that time, you will be asked to sign a separate Property Owner's Agreement form that lists the extent of demolition and reconstruction. At that time, you may decline to participate if you wish.

The City will connect a new copper service line to the existing plumbing at the entry point into Your Property .

Note: The City is not responsible for any interior plumbing nor for compliance with the Illinois Plumbing Code requirements or other codes and regulations once the service line enters your home. It is the homeowner's responsibility to replace interior plumbing when and where necessary or required by the state and local regulations.

While the City will pay to replace the full water service line, this Work does not change ownership or maintenance obligations as defined in Chapter 11-12-040 of the Municipal Code of Chicago.

IN CONSIDERATION OF AND AS A CONDITION TO THE PERFORMANCE OF THE LEAD SERVICE LINE REPLACEMENT AND METER INSTALLATION, AS

AUTHORIZED AND PERMITTED BY YOU, YOU, AS THE UNDERSIGNED, HEREBY RELEASES AND FOREVER DISCHARGES THE CITY, ITS EMPLOYEES, AND LEGAL REPRESENTATIVES (COLLECTIVELY THE “CITY”) FROM ALL LIABILITY INCLUDING BUT NOT LIMITED TO INJURY, DEATH, DAMAGE, OR LOSS TO PERSONS, REAL PROPERTY OR PERSONAL PROPERTY (COLLECTIVELY, “CLAIMS”) IN CONNECTION WITH THE PERFORMANCE OF THE LEAD SERVICE LINE REPLACEMENT.

YOU AGREE TO HOLD ONLY THE CITY’S CONTRACTOR PERFORMING THE WORK RESPONSIBLE FOR ANY AND ALL CLAIMS IN CONNECTION WITH THIS RIGHT OF ENTRY INCLUDING DAMAGE TO YOUR PROPERTY OR ASSETS ON YOUR PROPERTY.

SIGN BELOW:

Name (Property Owner/Authorized Tenant):

Property Address (Street Number & Street Name): _____

Signature

Date

Mailing Address (Street Number & Street Address)

Telephone Number

Printed Name

City

State Zip

REQUESTS & CLAIMS:

- A. **YOUR PRESENCE DURING WORK:** Someone must be present during the work to provide access to the Contractor and other City Representatives in the area where your water service line enters Your Property up to your meter.
- B. **CLAIM PROCEDURES:** In order to make a claim against the City’s Contractor for any and all Claims associated with the Lead Service Line Replacement including damage to Your Property in connection to this Right of Entry, please call the Contractor at (____) ____-____ and have a copy of this Right-of-Entry form available.

Property Owner's Agreement Form

Lead Service Line Replacement Program

Date:	Property Owner or Owner's Representative (circle one)
Name:	
Prem Code:	Address:

I am the Property Owner or the designated Owner's Representative of the above property ("Property"). I have volunteered to have the full water service line that serves the Property, including the portion of the service line on and in the Property, replaced with a copper service, and a water meter or meter vault and accessories installed at the Property. The City of Chicago Department of Water Management's ("DWM") contractor ("Contractor") and representatives ("DWM Representative") has explained to me the replacement and installation processes. The replacement of the water service line, installation of new water meter with accessories, and associated restoration will be referred to as the "Work". I hereby give permission for the completion of the Work as follows with specific means and methods established by the Contractor during construction efforts. Property Owner or designated Owner's Representative to initial in the "Consent" box for those fields identified as "Needed" by the DWM Representative.

Needed	Consent	Statement	Notes
		I understand that the Property Owner is solely responsible, at the Property Owner's sole cost and expense, for restoration and/or replacement of any items removed or disturbed in the performance of the Work, including without limitation, internal surfaces and finishes, walls, fences, shrubs and other landscaping, brick sidewalks or driveways, and for watering grass seed in restored lawn areas.	
		I agree to allow a coring through a wall of the Property. The coring will be sealed against leakage, but wall finishings and paint will not be restored by the DWM or its Contractor.	
		I agree to allow the cutout of a wall of the Property to allow installation of the water service and meter. I understand that the wall is to remain open to allow unobstructed access to the meter.	
		I agree to allow the cutout of a floor of the Property to allow installation of the water service. I understand that the DWM or its Contractor will repair the floor as smooth concrete.	
		I agree to allow the water service and meter to be installed on the Property. Because the DWM is not responsible and is not assessing the condition of the Property's plumbing and water service, I agree to hold the DWM harmless for damages caused to the Property's plumbing and water service as a result of the installation of the meter. Iron services, in particular, may be fragile.	

Needed	Consent	Statement	Notes
		I agree to have a meter installed on the Property at the following approximate location (subject to change as construction planning progresses):	
		I am unaware of any issues with the Property's private drain.	
		I agree to allow the Property's private drain to be replaced with piping material approved by the DWM. The existing private drain diameter is _____, and the new private drain diameter will be _____.	
		I agree to allow the disturbance of soil, grass, plantings, landscaping, and the like on and within the Property and the City of Chicago parkway. Restoration will be black dirt and seed.	
		I agree to all for the removal of _____ trees and that these trees will not be replaced.	
		I agree to remove the following items from inside the Property prior to installation, and I will be responsible for replacement/re-installation:	
		I agree to remove the following items from outside the Property prior to installation, and I will be responsible for replacing/re-installing them:	
		I understand that these items will be demolished during construction and not replaced:	
X		On the Work Date, any landscaping, improvements, personal property, or other items obstructing access to or impeding performance of the Work may be removed by the DWM in order to perform the Work, and the Property Owner hereby waives all claims against the DWM for damage due to removal of items necessary to perform the Work. If the obstructions are extensive, the DWM shall have the right to terminate this Agreement or delay the Work until obstructions are removed by the Property Owner.	

Needed	Consent	Statement	Notes
X		I understand that it is the DWM's responsibility to restore the service line replacement and meter vault installation sites on public property to the original condition established by the DWM (as opposed to any improvements or alterations made by the Property Owner)	
X		I understand the DWM will restore the parkway, sidewalk, curb, and dirt/seed at a later date.	
X		I understand that the Property Owner continues to own and maintain the water service from the b-box (first valve) through and in the Property including protecting the water service from potential freezing.	
X		I understand and agree that the DWM is not responsible for ensuring water/sewer separation requirements are met on private property. Building code concerns on private property are the Property Owner's sole responsibility for assessing and mitigating.	
X		I agree that I have received and understand the post-installation flushing instructions for the Property. I understand the importance of flushing to reduce lead and construction residue in the drinking water.	
X		I agree that I will use the DWM-provided pitcher water filter for three (3) months following the new water service installation. I understand how to use the filter and when to change the cartridge filter.	

Signature Authorization for Lead Service Line Replacement (SIGN HERE IF YOU APPROVE OF THE WORK – DO NOT SIGN IF FORM IS BLANK)

Yes No

DWM Representative

Property Owner/Owner's Representative

Contractor Representative

Date

Declining Lead Service Line Replacement (SIGN HERE IF YOU DO NOT WISH TO PARTICIPATE)

I am the Property Owner of the Property at the above-named address. The City of Chicago Department of Water Management representative ("DWM Representative") has explained to me the replacement and installation processes for a new water service line and meter. **I hereby decline to have the water service, meter and accessories installed.**

DWM Representative

Property Owner/Owner's Representative

Contractor Representative

Date

Lead Service Line Replacement Not Currently Possible

A lead service line replacement cannot be performed on this property at this time because:

- ☐ There is asbestos in the work area
- ☐ The service line is inaccessible / in an unsafe area
- ☐ The service line is not lead

This property will be eligible if the Property Owner:

DWM Representative

Property Owner/Owner's Representative

Contractor Representative

Date



525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • www.dph.illinois.gov

WAIVER OF COMPLETE LEAD SERVICE LINE REPLACEMENT

You are receiving this form because your property has been identified by your community water supply (CWS) as being served by a lead service line or galvanized service line located downstream of lead and you are refusing to allow the community water supply (CWS) to replace your entire service line.

The purpose of this form is to provide you, the property owner, with information necessary to make an informed decision about replacing your service line. In accordance with the Lead Service Line Replacement and Notification Act, Public Act 102-0613, the owner or operator of your CWS is required to replace your lead service line in its entirety, including any portion of the service line running on private property and within the building's plumbing at the first shut-off valve or 18 inches inside the building, whichever is shorter. If you deny the CWS the ability to perform a complete lead service line replacement, then you, the property owner, must sign this waiver form in accordance with 415 ILCS 5/17.12 (ff)(1)(D) and 17.12 (ii).

The following items should be considered by property owners regarding lead service line replacement:

- ***Lead service lines and galvanized service lines downstream of lead can be significant contributors of lead contamination in drinking (tap) water through the corrosion of these materials.*** Service lines are pipes that carry drinking water from the CWS water main to a home or building. A study published by American Water Works Association (AWWA) Water Research Foundation (2008) "Contributions of Service Line and Plumbing Fixtures to Lead and Copper Rule Compliance Issues" (Sandvig et al, 2008) estimates that 50% – 75% of lead in drinking water comes from lead service lines.
- ***Lead is a toxic metal that is harmful to human health even at low exposure levels.*** Young children are particularly vulnerable to lead. The adverse health effects of lead exposure include damage to the brain and nervous system, slowed growth and development, learning and behavior problems, hearing and speech problems, lower IQ, decreased ability to pay attention, and underperformance in school. Please see the CDC's website, <https://www.cdc.gov/nceh/lead/prevention/health-effects.htm> for additional information regarding health effects of lead.
- ***Partial lead service line replacements can increase lead levels for long periods of time.*** Partial lead service line replacement means replacement of only a portion of a lead service line or a galvanized service line downstream of lead. Following a partial lead service line replacement, lead levels increase and construction activities such as digging and cutting release particulate lead. Particulate lead is a concern because the lead content can be very high. Additionally, new materials from partial lead service line replacements can increase corrosion or create galvanic corrosion.
- ***Property owners of nonresidential properties or properties operating as rental property have responsibilities under the Lead Service Line Replacement and Notification Act after denial of complete lead service line replacement.*** In accordance with 415 ILCS 5/17.12 (ff), owners of nonresidential buildings or a residence operating as a rental property shall be responsible for installing and maintaining certified point-of-use filters for the reduction of lead (NSF/ANSI Standard 53) and

particulates (NSF/ANSI Standard 42) at all plumbing fixtures intended to supply water for the purposes of drinking, food preparation, or making baby formula until such time that the property owner has affected the remaining portions of the lead or galvanized service line to be replaced.

- ***Unsafe conditions and knowledge of the remaining lead piping must be disclosed appropriately.*** Waiver or denial of complete replacement of a lead service line may create unsafe concentrations of lead and/or unsafe conditions relating to the remaining lead water pipe. If the property is a residential real property as defined by the Residential Real Property Disclosure Act (765 ILCS 77/5), appropriate disclosure shall be made at any transfer of sale, exchange, installment land sale contract, assignment of beneficial interest, lease with an option to purchase, ground lease, or assignment of ground lease.
- ***Service lines are plumbing and are required to be replaced by individuals authorized by the Plumbing License Law (225 ILCS 320/3).*** Service lines are plumbing as defined by the Plumbing License Law (225 ILCS 320/3). As plumbing, service lines are required to be repaired, replaced, and installed by authorized individuals and in accordance with the requirements of the Illinois Plumbing Code (77 Ill. Adm. Code 890).
- ***If the property is operating as a childcare operation, there are additional requirements regarding lead in drinking water under Department of Family and Children Services (DCFS) licensing standards.*** Under DCFS licensing standards, changes in water profile including changes to the water service line require retesting of the drinking water for presence of lead. Where lead is detected at or above DCFS's action level, a mitigation plan to reduce the concentration of lead is required.

More information about lead in drinking water and the effects of lead can be found at IDPH's website: <https://dph.illinois.gov>.

In consideration of the above information, IDPH strongly recommends you allow your CWS to replace your lead service line in its entirety. If you choose to waive and deny a complete lead service line replacement at your property, this form must be completed and returned to your CWS. Sections 1,2, and 3 of this form are to be completed by the CWS and Sections 4 and 5 of this form are to be completed by, you, the property owner of the affected property.

WAIVER OF COMPLETE LEAD SERVICE LINE REPLACEMENT

Sections 1, 2, and 3 must be completed by the CWS prior to providing the form to the property owner.

SECTION 1: COMMUNITY WATER SUPPLY INFORMATION	
CWS Name	ID Number
Phone	Email
CWS Mailing Address	
CWS City	Zip Code
SECTION 2: SERVICE LINE ACTIVITY INFORMATION	
☐ Emergency Repair ☐ Planned Replacement	Date of Activity
SECTION 3: AFFECTED PROPERTY	
Street Address	
City	Zip Code

Sections 4 and 5 must be completed by the owner of the affected building identified above and returned to the community water supply.

SECTION 4: Property Owner Information	
Full Name (First Name Last Name)	
Phone	Email
SECTION 5: DENIAL OF COMPLETE LEAD SERVICE LINE REPLACEMENT	
☐ By signing this waiver, I acknowledge that I am the property owner of the affected property located at the address listed in Section 3 of this form and I have been informed by the CWS that my property has a lead service line. I have read and understand the information provided within this waiver regarding the hazards of lead in drinking water, partial lead service line replacement, and Illinois laws about responsibilities of property owners for providing filters, disclosing the presence of lead water service lines, and requirements for child care facilities.	
☐ By signing this waiver, I acknowledge that I am waiving the community water supply's requirement to replace my lead service line in its entirety. I acknowledge that this waiver will result in a partial lead service line replacement and it may be unsafe to drink, cook with, or otherwise consume water from the tap, unless it has been filtered with a filter certified to meet NSF/ANSI Standard 53 and 42.	
Signature	Date

All parties should retain a copy of this form for their records. The Community Water Supply must also provide notification to IDPH using the electronic forms located at <https://dph.illinois.gov/topics-services/environmental-health-protection/lead-in-water.html>.



CITY OF CHICAGO



DEPARTMENT OF WATER MANAGEMENT

**Lead Service Line Replacements in accordance with Public Act 102-0613
Sewer / Water Service Separation - Title 77 Ill. Adm. Code 890.1150
Illinois Plumbing Code Variance Form**

*Property Owner: _____ *Address: _____

*Plumbing contractor performing work: _____

*District crew / plumber performing work: _____

*Size of existing lead water service: _____ * Size of new copper water service: _____

*Existing lead service line replacement limits: _____

*Existing lead water service compliant with Title 77 Ill. Adm. Code 890.1150: _____ YES _____ NO

*Are there known leaks, cracks, or damage to the sanitary sewer, building sewer, or building drain at the time of lead service line replacement? _____ YES _____ NO

*Is there known evidence of sewage related contamination of drinking water at this property?
_____ YES _____ NO (Water sampling is not required.)

***If there is evidence of sewage related contamination of the drinking water at this property, contact the Water Quality Surveillance Section at (312)744-8197 immediately.

*Description of why compliance with Title 77 Ill. Adm. Code 890.1150 cannot be achieved:

Chicago Department of Water Management, Property Owner, Plumbing Contractor concurrence with Illinois Plumbing Code Variance. _____ YES _____ NO

Date of installation / inspection: _____ Water Tap Permit Number: _____

Method used to replace existing lead service line:

Plumbing Inspector approval / date: _____

(*Items with asterisks to be filled out and form to be submitted with shop drawing for review.)



CITY OF CHICAGO

DEPARTMENT OF WATER MANAGEMENT

This notice contains important information about your water service and may affect your rights. We encourage you to have this notice translated in full into a language you understand and before you make any decisions that may be required under this notice.

يحتوي هذا الإشعار على معلومات مهمة تخص خدمة المياه الخاصة بك وقد يؤثر على حقوقك. نحن نشجعك على ترجمة هذا الإشعار بالكامل إلى لغة تفهمها قبل اتخاذ أي قرارات قد تكون مطلوبة بموجب هذا الإشعار.

本通知包含有关您的供水服务的重要信息，可能会影响到您的相关权利。在做出本通知可能要求的任何决定之前，我们鼓励您将本通知完整地翻译为您可理解的语言文本。

Diese Mitteilung enthält wichtige Informationen zu Ihrer Wasserversorgung und kann Ihre Rechte betreffen. Wir empfehlen Ihnen, die vollständige Mitteilung in eine Sprache übersetzen zu lassen, die Sie verstehen, bevor Sie Entscheidungen treffen, die aufgrund dieser Mitteilung erforderlich sein könnten.

આ સૂચનામાં તમારી પાણીની સેવા વિશે મહત્વપૂર્ણ માહિતી શામેલ છે અને તે તમારા અધિકારોને અસર કરી શકે છે. તમે આ સૂચના હેઠળ જરૂરી હોય તેવા કોઈપણ નિર્ણયો લો તે પહેલાં તમે આ સૂચનાને તમે સમજી છો તે ભાષામાં સંપૂર્ણ ભાષાંતર કરાવો એ માટે અમે તમને પ્રોત્સાહિત કરીએ છીએ.

이 통지문에는 귀하의 권리에 영향을 줄 수 있는 수도 서비스에 관한 중요한 정보가 포함되어 있습니다. 먼저 귀하께서 이해하는 언어로 번역된 전문을 읽어보신 후에 통지 내용에 따라 필요한 결정을 내리실 것을 당부드립니다.

Niniejsze zawiadomienie zawiera ważne informacje dotyczące usług wodociągowych i może mieć wpływ na Twoje prawa. Przed podjęciem jakichkolwiek decyzji, które mogą być wymagane na mocy niniejszego zawiadomienia zachęcamy do przetłumaczenia całej treści niniejszego zawiadomienia na język, który jest dla Ciebie zrozumiały.

Este aviso incluye información importante sobre el servicio de agua que se le proporciona y puede afectar sus derechos. Le aconsejamos que obtenga una traducción completa de esta notificación en el idioma que entienda antes de tomar alguna decisión de acuerdo con lo que se requiere en este aviso.

Ang abisong ito ay naglalaman ng mahalagang impormasyon tungkol sa iyong serbisyo sa tubig at maaaring makaapekto sa iyong mga karapatan. Hinihikayat ka namin na isalin nang buo ang abisong ito sa wikang naiintindihan mo at bago ka gumawa ng anumang mga desisyon na maaaring kailanganin sa ilalim ng abisong ito.

اس نوٹس میں آپ کے پانی کی سروس سے متعلق اہم معلومات شامل ہیں اور یہ آپ کے حقوق کو متاثر کر سکتا ہے۔ ہم اس نوٹس کے تحت ممکنہ طور پر درکار کوئی بھی فیصلے لینے سے قبل آپ کو اس نوٹس کا کسی ایسی زبان میں مکمل ترجمہ کروانے کی ترغیب دیتے ہیں جو آپ سمجھتے ہو



CITY OF CHICAGO



DEPARTMENT OF WATER MANAGEMENT

To Whom It May Concern,

The Chicago Department of Water Management (DWM) is writing to notify you that your home qualifies for a **Free Lead Service Line Replacement**. DWM will be replacing the old water main which involves your service. During this project all homeowners will receive a new free copper service line to replace any existing lead service line.

Please review this packet for documents required for construction and information for regarding the sources and hazards of lead.

Right of Entry Form

A Right of Entry form was previously mailed to this address with the initial outreach packet. If you have not returned that form an additional ROE is included in this packet. Please return at your earliest convenience to the address below as the lead service line cannot be replaced without your permission.

Email: watermanagement@cityofchicago.org

Mail: Chicago DWM - LSLR
1000 E. Ohio St, +25,
Chicago IL, 60651

DWM needs detailed information to design the lead service line replacement part of the planned project. This includes entering your property, locating, and photographing interior plumbing and the service line, taking measures and other pre-construction checks and requirements. DWM needs your permission to conduct these next steps in the process and will need to meet with you, or your designee, to access to your property and to discuss construction specifics for your individual property.

Signing the Right of Entry and Release form does not commit you to having your lead service line replaced. After signing you will be able to opt out at any time, however, as the planned project moves forward, if you have not signed the form, you may not be able to opt in.

Property Owner Agreement Form

An example Property Owner Agreement Form is included with this packet. This form will be filled out and can be signed during a pre-construction meeting with the Water Management or contractor. At that time the layout of the new service will be determined included any restoration or other work which will be required. Questions regarding the construction process can be asked during that meeting.

Water Quality Concerns

Rusty water can be common during construction from vibrations and shutdowns. If encountered, please flush your water for 30 minutes through a utility tap close to the service line. If discolored water persists, please contact Chicago Water Quality via 311 or 312-744-8190

For lead concerns all residents can have their water tested for free. To schedule a visit by a technician or have a lead testing kit mailed call 311 or go to chicagowaterquality.org. We strongly recommend testing your home for lead prior to replacement. Approximately three months after work is completed, an additional lead test kit will be mailed to your resident to measure post-replacement concentrations.

Additional Information

Work will be conducted in compliance with the City of Chicago Welcoming Ordinance (Chapter 2-173 of the Municipal Code of the City of Chicago), and is not conditioned on matters related to citizenship or immigration status.

For the properties on the streets listed above that have their lead service line replaced, the City will install a new water meter. Data shows that having a water meter, can save money on water bills.

DWM is committed to working with you on this important and historic project. Please know that nothing will be done on your property without your permission.

If you have any questions or would like to discuss further, please feel free to contact either DWM Outreach at **312-520-0089 / 312-244-9489** or via email at watermanagement@cityofchicago.org.

Sincerely,

A handwritten signature in blue ink that reads "Andrea R.H. Cheng". The signature is fluid and cursive, with the first name "Andrea" and last name "Cheng" being clearly legible.

Andrea R.H. Cheng, Ph.D., P.E., Commissioner
Department of Water Management



LEAD-SAFE CHICAGO | DWM

WHAT YOU NEED TO KNOW ABOUT LEAD IN CHICAGO

What is the major source of lead poisoning in Chicago?

In Chicago, lead-based paint and lead contaminated dust are the most dangerous sources of lead and contribute more to lead poisoning than water. Through a focus on removing lead-based paint and dust hazards, Chicago has achieved significant success in reducing the percentage of children with high blood lead levels- from 25% in the late 1990s to less than 1% today. When old paint cracks and peels, it makes lead dust, which is too small to be seen. Children may get lead poisoning from swallowing or breathing in lead dust on their hands and toys. Lead can also be found in soil, pots, containers, imported food such as candy or spices, folk medicine, cosmetics made in other countries, and some toys and jewelry. For more information visit [Chicago.gov/Lead](https://www.chicago.gov/Lead)



What are the health effects of ingesting lead?



High levels of lead in the blood, or lead poisoning, can affect growth behavior and development in young children. Increased blood lead levels have been shown to affect IQ, the ability to pay attention, and academic achievement. The vast majority of children in Chicago with high blood lead levels have been exposed to lead based paint.

Who is most at risk of lead poisoning in Chicago?

Children who live in older, poorly maintained rental properties. Young children are at highest risk because their brains are developing rapidly and because they are more likely to put their hands and objects contaminated with lead dust into their mouths. The EPA estimates that, on average, drinking water can make up to 20% of a person's exposure to lead, with other sources including lead-based paint, dust, soil, imported foods, and folk medicine. In infants who are only being fed formula mixed with tap water, 40-60% of exposure could be due to water.



Talk to your pediatrician about having your child tested for lead exposure: Every child in Chicago should have their blood lead levels tested at 1, 2, and 3 years of age by their healthcare provider.

Is Chicago's water safe?



Yes, Chicago's drinking water is safe. It consistently meets and exceeds all industry, state and U.S. Environmental Protection Agency standards for safe, clean drinking water.

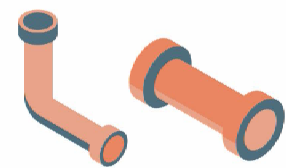
How does lead get into drinking water?

There is no lead in the water when it leaves the treatment plant. When lead is found in water it is usually because it has leached into the system from lead service lines. Service lines are the pipes that carry the water from the water main under the street into your house. Lead service lines were used in smaller buildings such as single family and two flat homes in Chicago until 1986. The Chicago Department of Water Management (DWM) adds corrosion control to the water to coat the pipes and minimize leaching of lead into the water and this works well for the vast majority of residences. However, in some cases, particularly where there is low water use and the coating dissolves, lead can leach into the water.



DWM has begun a multi-year, multi-faceted program to remove lead service lines. Visit LeadSafeChicago.org for information on the various options.

LEAD-SAFE CHICAGO | DWM



COPPER PIPE WITH LEAD SOLDER

Solder made or installed before 1986 consisted of high levels of lead.



FAUCETS

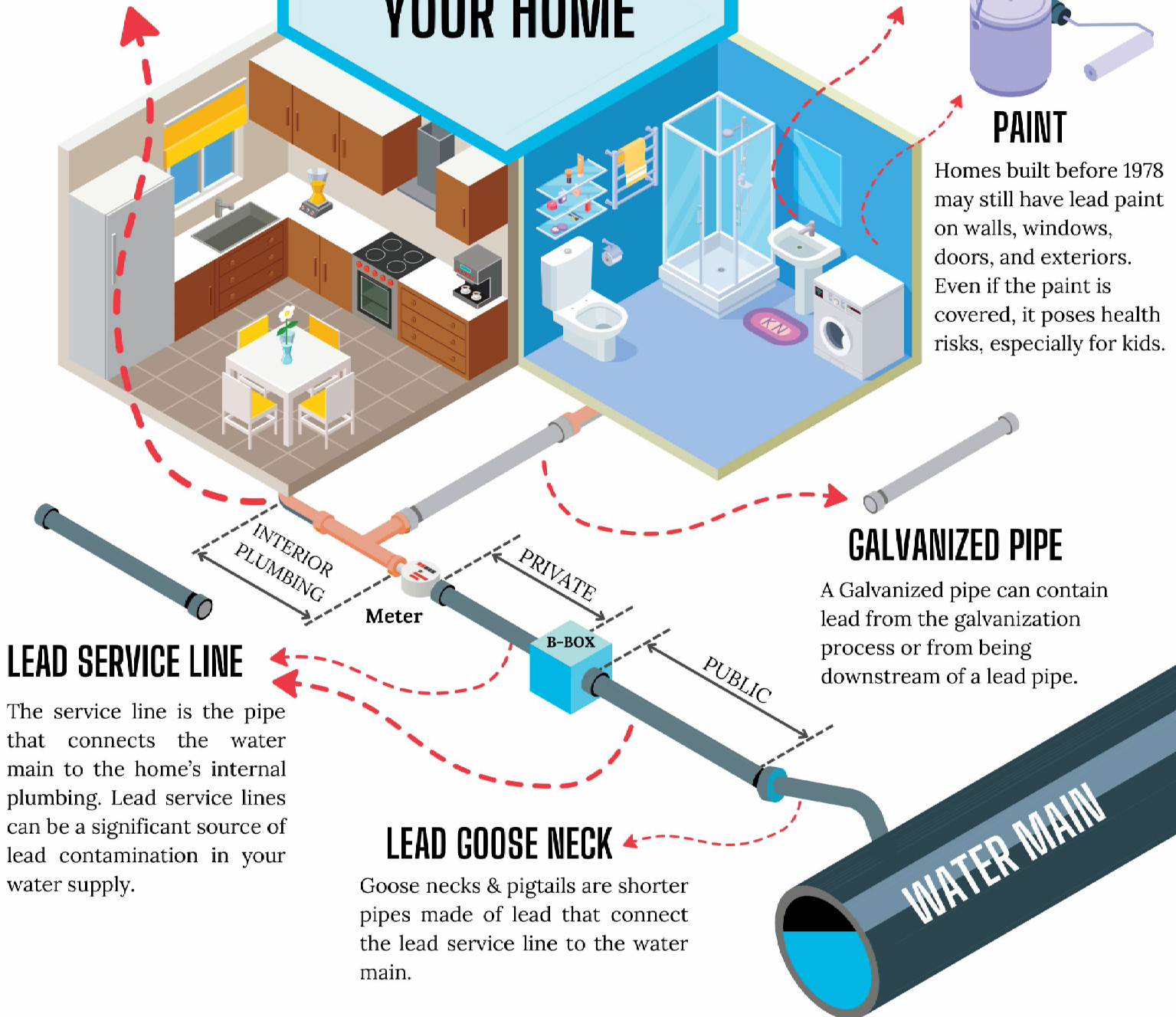
Fixtures in your home may contain lead. Lead may also accumulate in a faucet's screen (also known as an aerator).



PAINT

Homes built before 1978 may still have lead paint on walls, windows, doors, and exteriors. Even if the paint is covered, it poses health risks, especially for kids.

SOURCES OF LEAD IN YOUR HOME



REDUCE Your Exposure To Lead



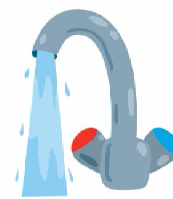
Only use **cold water** for drinking, cooking, and preparing baby formula. Boiling water does not remove lead from it.



Consider using an **NSF 53** certified water filter to reduce lead exposure. Ensure that you replace the filter as needed.



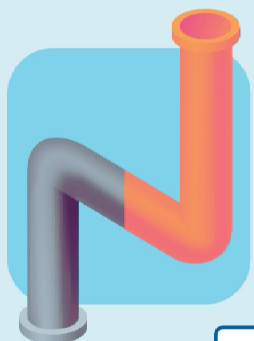
Routinely clean your faucet's screen (also known as an aerator).



Before drinking, flush your pipes for at least 5 mins by running your tap, taking a shower, doing laundry, or a load of dishes.

To find out for certain if you have lead in your drinking water, have your water tested.
Call 311 OR Visit [ChicagoWaterQuality.org](https://www.chicagowaterquality.org)

REPLACE Your Lead Service Line



The City of Chicago offers various lead service line replacement (LSLR) programs:

- **FREE** Equity LSLR Program
- **FREE** Daycare LSLR Program
- **FREE** Breaks and Leaks Replacement Program
- **FREE** Block Long LSLR Program
- Homeowner-Initiated Replacement Program



Scan the QR Code or Visit LeadSafeChicago.org/MyOptions to answer a few questions and identify the right program for you.

RECOGNIZE The Health Effects Of Lead

Exposure to lead from drinking water or other sources can cause severe health problems. Lead can damage the brain, kidneys, and interfere with the production of red blood cells that deliver oxygen to all parts of your body. Studies have linked lead exposure to reduced IQ in children. Infants, young children, and pregnant women are at highest risk of lead exposure, especially if infants consume formula prepared with lead-contaminated water. Lead is stored in bones and can be released later in life. During pregnancy, the child may receive lead from their mother's bones, potentially affecting brain development. Adults with kidney problems and high blood pressure are at higher risk of potentially being affected by low levels of lead. If lead exposure is a concern, consult a healthcare provider to test for blood lead levels.



For more information, visit LeadSafeChicago.org

W/O: _____

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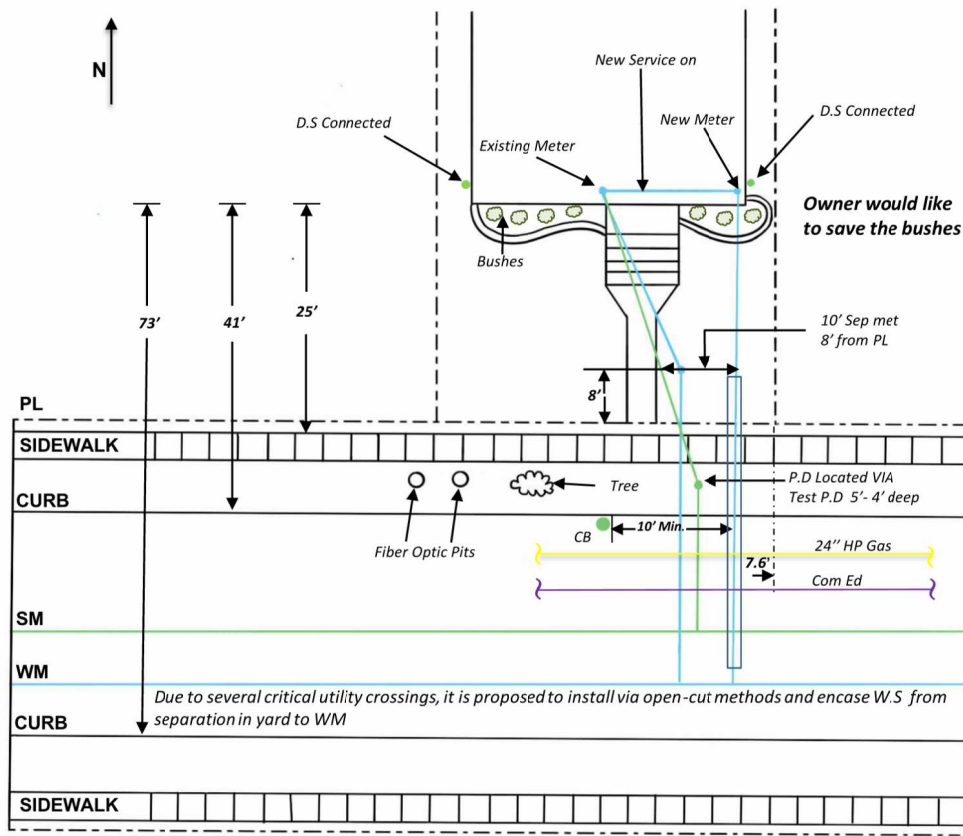
CM Reviewer _____ **Approved (Y/N)** _____ **Date Reviewed** _____ **PI Review Needed (Y/N)** _____

PI Reviewer _____ PI Approved (Y/N) _____ Date Reviewed _____

PRE-CON SURVEY

W/O: 2145945

ADDRESS: 1466 W. 107th Street



		FEET
WIDTH OF HOUSE		24'
LEFT P.L TO HOUSE		3'
RIGHT P.L TO HOUSE		3'
HOUSE TO SIDEWALK		25'
HOUSE TO CURB		41'
HOUSE TO FAR CURB		73'
P.L TO W.M.		40'
P.D. AT HOUSE	<u>15</u> FT	<u>W</u> OF <u>E</u> P.L
P.D. AT CURB	<u>7.5</u> FT	<u>W</u> OF <u>E</u> P.L
EXT. W.S. AT HOUSE	<u>15</u> FT	<u>W</u> OF <u>E</u> P.L
EX. W.S. AT CURB	<u>9</u> FT	<u>W</u> OF <u>E</u> P.L
TEST PITS NEEDED	☒ Y	☐ N
DOWNSPOUT:	CONNECTED	X
	SPLASHED	
FENCE	Y	N
LOCATION OF EXISTING METER/VALVE		
LOCATION OF NEW METER		
NEW INT. SERVICE DIMENSION		18'
W.M. SIZE D.I. 2007		12"
S.M DEPTH (T.O.P) IF APPLICABLE		7'
10' SEPARATION ACHIEVED	Y	☒ N
*1 T.P Complete		

Originator Name/Company _____ Date Submitted _____

CM Reviewer _____ Approved (Y/N) _____ Date Reviewed _____ PI Review Needed (Y/N) _____

PI Reviewer _____ PI Approved (Y/N) _____ Date Reviewed _____

NOTE: This sketch can be prepared either electronically, as shown, or by hand as long as the information indicated is legible.

For the Pre-Construction Design Plan Submittal, the following pictures must be provided (as a minimum) along with the Pre-Con Survey Sketch:

1. Exterior LSL in Public Way (with assumed location of existing lead service line and proposed copper service line indicated)
2. Exterior LSL in Parkway (with assumed location of existing lead service line and proposed copper service line indicated along with key features: e.g., existing meter vault and/or b-box)
3. Exterior LSL in Parkway (with assumed location of existing lead service line and proposed copper service line indicated, particularly showing location where proposed service line will enter the building)
4. Interior location/routing of existing lead service line
5. Interior location/routing of proposed copper service line

For the Post-Construction Record Document Submittal, the following pictures must be provided (as a minimum) along with the completed Post-Construction Record Drawing:

1. Exterior new copper tap on new water main
2. Exterior new copper piping in parkway
3. Exterior new meter vault and/or b-box
4. Interior location/routing of new copper service line
5. Interior new service tie-in to building existing plumbing
6. Interior new meter with serial number
7. Interior new transmitter with serial number
8. Exterior restoration of service line trench in parkway (backfill with newly installed featured indicated, e.g., new b-box and/or meter vault)
9. Exterior restoration of service line trench in street (roadway patching and trench backfill)

Note: pictures should clearly depict the proposed and installed work with a proper perspective/zoom level and callouts/captions that describe the key aspects identified in the picture (see example pics that follow).

Exterior Pre-Construction

Photo 1



LSL in public way

Photo 2



LSL in parkway

Interior Post-Construction

Photo 6



New Meter with Serial
Number Shown

Photo 7



New Transmitter with Serial
Number Shown

Exterior Post-Construction

Photo 8



Backfill with sand and pea gravel

Photo 9



Cold patch asphalt on road