

 Everyone is muted upon entry

You can use To Send a Question: **Use only the Q & A panel to ask your question. Do not use the chat panel**

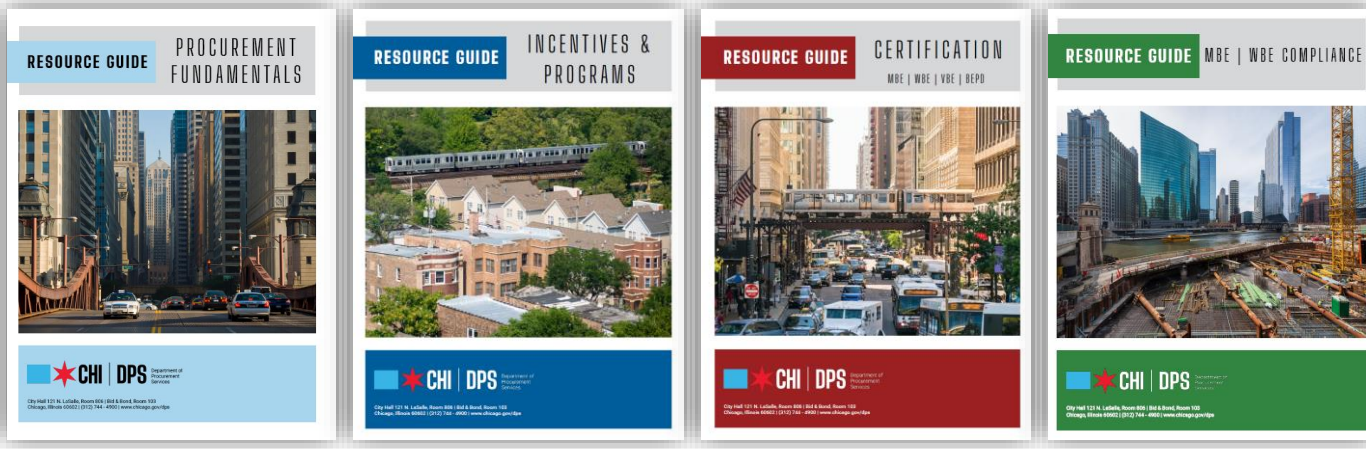
- ✓ Use the Q & A panel on the bottom right side of your screen.
- ✓ Enter your message in the text box, then press Enter on your keyboard.

Note: If you join a meeting, session, or event in progress, you can see only the Q & A that participants send after you join.



2022 Construction Summit

HOSTED BY THE DEPARTMENT OF PROCUREMENT SERVICES



- DPS has published a four-volume set of Resource Guides, expanding on the guiding principle of transparency.
- The Resource Guides were divided into key areas of the procurement process:
 - Contract Administration
 - Incentives and Programs
 - Certification
 - Compliance
- Download now at www.chicago.gov/dpsguides



RESOURCE GUIDES



@CHICAGODPS



CHICAGO DEPARTMENT OF WATER MANAGEMENT

Andrea R.H. Cheng, Commissioner, Department of Water Management (DWM)

Presented By:

Bulent Agar, Deputy Commissioner

City of Chicago Department of Water Management

Andrea R.H. Cheng, Ph.D., P.E.
Commissioner



Overview of DWM



Lake Michigan

Protect & Conserve

- *Only 2.5% of Earth's water is freshwater - the amount needed for life to survive
- *Lake Michigan is the World's **5th** largest freshwater lake
- *Lake Michigan supplies water for neighborhoods, businesses, recreation, & aquatic habitats
- *Lake Michigan levels fluctuate in response to many factors
 - *Precipitation
 - *Evaporation
 - *Runoff



What we do

- *Drinking water treatment**

- * Water Quality (Microbiology, Chemistry, and Microscopy) and Water Treatment

- *Water distribution system maintenance**

- * Water Pumping, Operations and Distribution, Engineering

- *Combined sewer system maintenance**

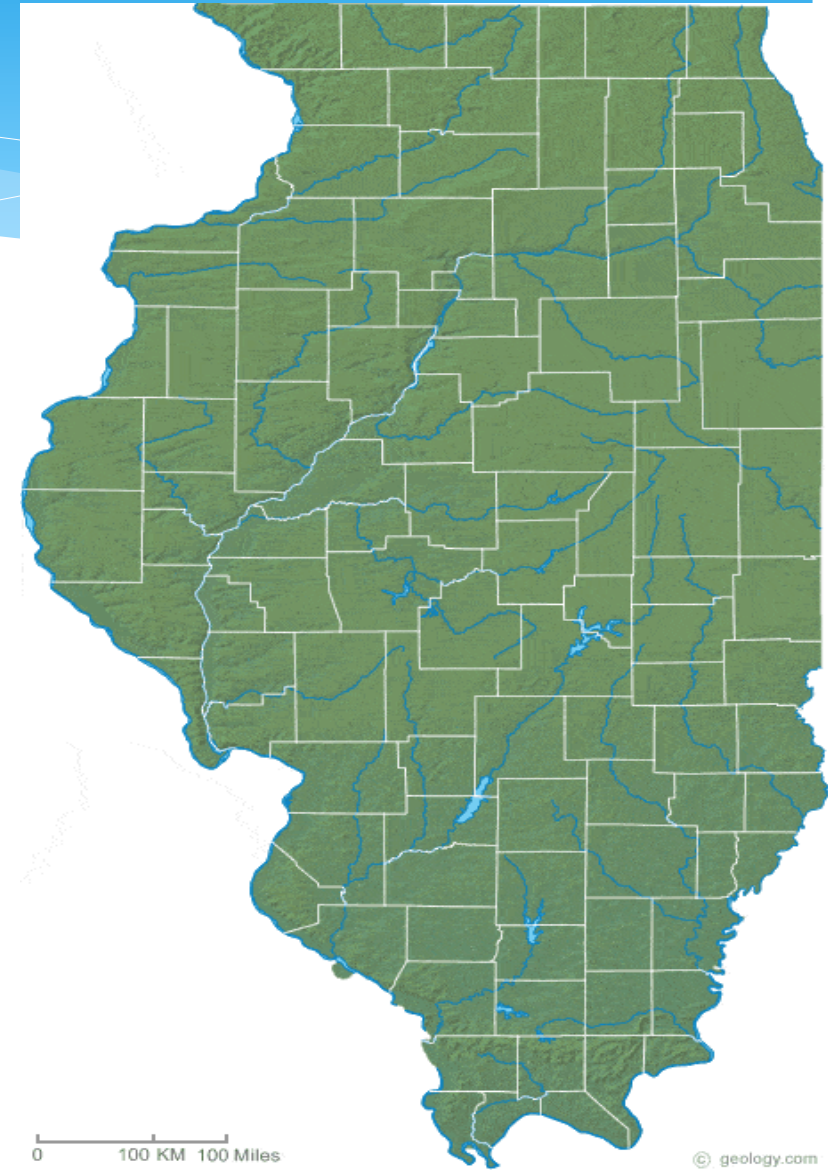
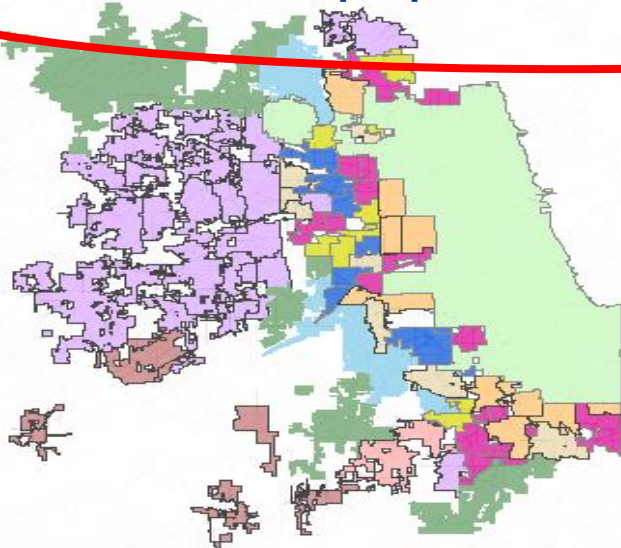
- * Operations and Distribution, Engineering

- *Transmit waste water to the Metropolitan Water Reclamation District of Greater Chicago treats wastewater**

Customers

- * The City of Chicago
- * Suburbs
- * Total population served
 - * More than 5.3 million customers
 - * 42% of the population of Illinois

Legend



Chicago Water System

Water Asset Management

- 💧 2 Crib Structures
- 💧 2 Largest Water Plants of the Top 10 in the World
- 💧 12 Pumping Stations
 - 💧 9 Electric & 3 Steam Powered
 - 💧 No Elevated Storage -
 - 💧 Pump “On Demand”
- 💧 4,300 Miles of Water Mains
 - 💧 6 inches to 16 feet in diameter
- 💧 48,500 Existing Water Valves
- 💧 ~490,000 Water Accounts



Chicago Sewer System

- * Combined Sewer System transmits waste & storm water to the MWRDGC
- * 230 square miles of drainage area
- * 4,500 miles of Sewers
 - * 8-inch to 21.5 feet in diameter
- * 350,000 Structures



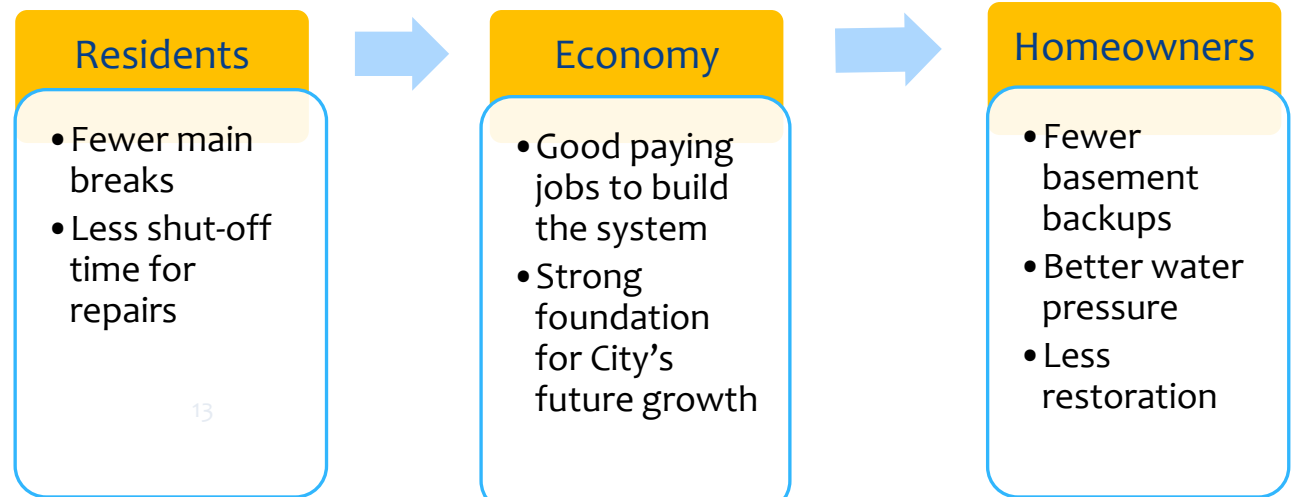
10-Year Capital Improvement Program



10-Year CIP Goals

- 💧 Replace 880 miles water main
 - 💧 Completed over 780 miles
- 💧 Rehab ~700 miles of sewer
 - 💧 Completed 711 miles
- 💧 Line 95,000 structures
 - 💧 Completed 97715 structures

- 💧 Design 2 pumping station conversions
 - 💧 2 Designed
- 💧 Convert 2 pumping stations
 - 💧 1 Completed
 - 💧 1 Under Construction



What's on Tap?



Upcoming Water Contracts

💧 Design Consulting Services

- New Design RFQ
- \$5M / 60 months
- Advertising 4th Quarter 2022

💧 Western Ave. Pumping Station Conversion

- \$10M/60 months
- Advertised



Water and Facilities Improvement Contracts

Upcoming 2022 Contracts

- 💧 Topographic Survey \$5M
- 💧 Roofing Maintenance & Repair Services \$5M
- 💧 Sawyer Plant
 - Low Lift Pump Chemical Building Roof Replacement \$5-\$10M
 - Boiler Improvements \$10-\$20M
 - Phosphate System Modifications \$500K-\$1M
- 💧 Jardine Plant
 - Phosphate System Modifications \$500K-\$1M

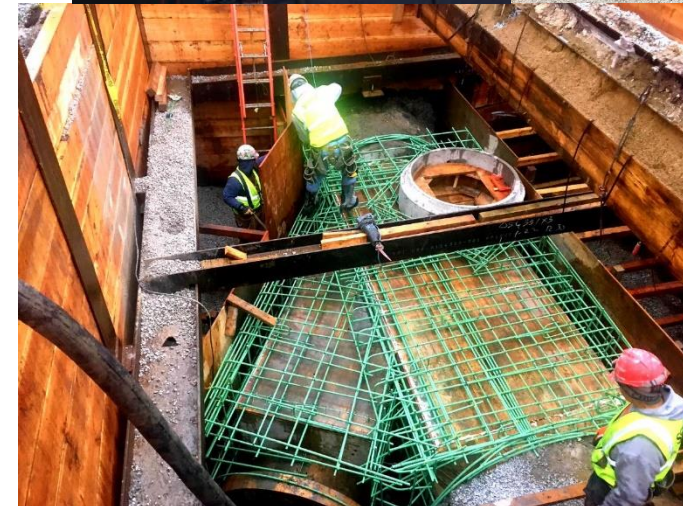


Sewer Improvement Opportunities

IEPA Funded

New sewer construction

- 💧 \$25-35 Million total
- 💧 6 projects for bid
- 💧 Various locations



Lead Service Line Replacement

HOMEOWNER-INITIATED LSL REPLACEMENT PROGRAM

For homeowners that want to hire a contractor & remove the existing LSL on their property. Under this program:

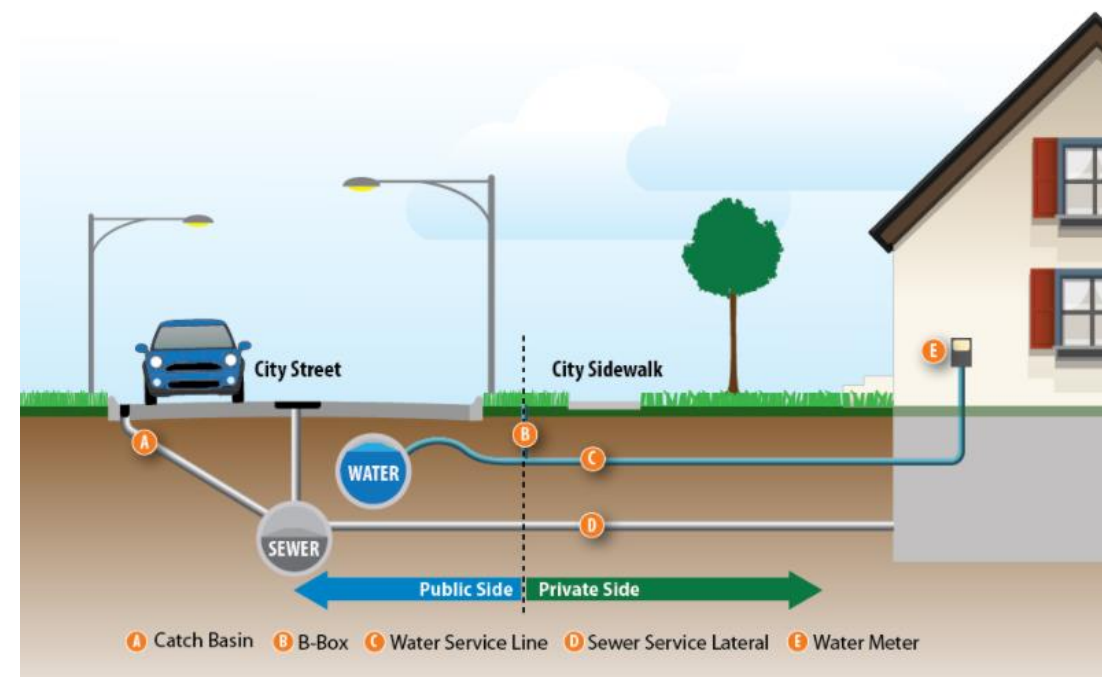
- City will waive up to \$3,100 in permit fees
- City will connect the new service line to the water main & provide a free water meter

EQUITY LSL REPLACEMENT PROGRAM

Free, full (private + public) LSL replacement for eligible low-income residents if:

- * Own and reside in their home
- * Household income below 80% of area median income (\$72,800 for family of 4) &
 - * Priority given to those with elevated lead concentrations or children in the home
- Equity LSL Replacement contract is active and work is ongoing.
- Additional upcoming LSL Replacement contracts:
 - Pilot LSLR for LSLR alongside water main replacement – out for bid in Q2
 - LSLR for Daycares – out for bid in Q2
 - LSLR associated with water service line repair – out for bid in Q2-Q3
- **\$6-\$10 Billion over multiple decades** to remove all 400,000 LSLs.

TYPICAL WATER SERVICE LINE DIAGRAM



MBE/WBE Participation

Water Subcontracting Opportunities

- 💧 Land Survey
- 💧 Electrical
- 💧 HVAC
- 💧 Materials Testing
- 💧 Asphalt Placement
- 💧 Trucking
- 💧 Landscaping
- 💧 Concrete
- 💧 Pipe Installation

Contract requirements:

26%+ Minority Owned Business

6%+ Women Owned Business

New! Veterans Owned Business

Increased participation through segmentation

Sewer Subcontracting Opportunities

- 💧 Sewer Construction/Tunneling
- 💧 Cleaning
- 💧 Televising
- 💧 Materials Testing
- 💧 Asphalt Placement
- 💧 Trucking
- 💧 Landscaping
- 💧 Concrete
- 💧 Catch Basins



[Facebook.com/ChicagoWaterManagement](https://www.facebook.com/ChicagoWaterManagement)



QUESTIONS?

Please fill out the survey, we value your feedback. Thank You!

BUYING PLAN 2Q 2021 2Q 2024

BUYING PLAN HOW-TO GUIDE
Quick guide to better use the Buying Plan

CHICAGO FIVE YEAR CAPITAL PLAN
Infrastructure investments that prioritize safety equity, and quality of life for residents

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Thank You For Attending...

DPS Events

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