

2021  
**CONSTRUCTION  
SUMMIT**   
★★★★

PRESENTED BY  **CHI** | **DPS** Department of  
Procurement  
Services

**Thursday, March 25, 2021 | 10:00 am – 5:00 pm**



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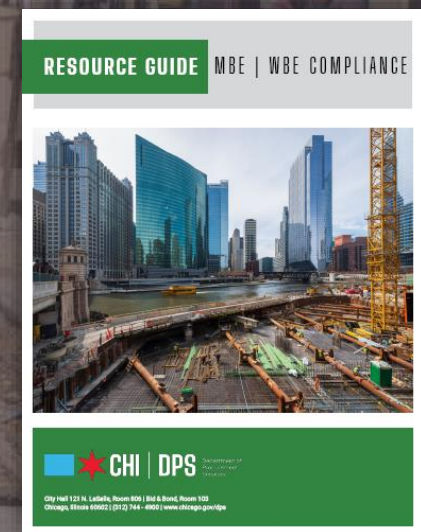
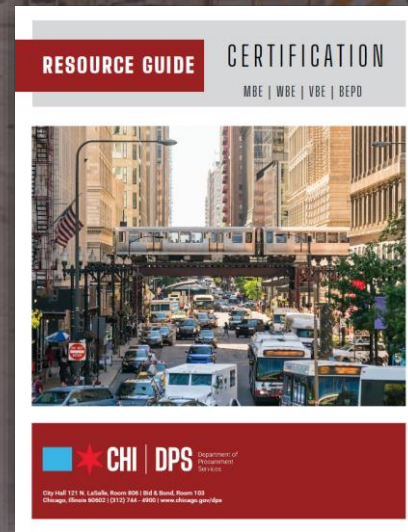
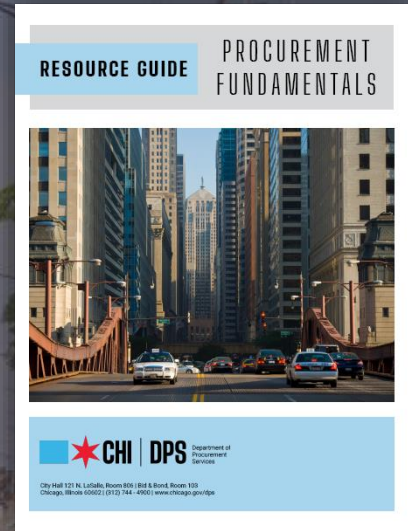
JUST IN CASE YOU MISSED IT!





# RESOURCE GUIDES

- 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](http://www.chicago.gov/dpsguides)





# Department of Water Management (DWM)

**Bulent Agar**  
Deputy Commissioner  
Department of Water Management  
Jardine Water Purification Plant



# City of Chicago Department of Water Management

**Bulent Agar**  
**Deputy Commissioner**



Andrea R.H. Cheng, Ph.D., P.E.  
Acting 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**

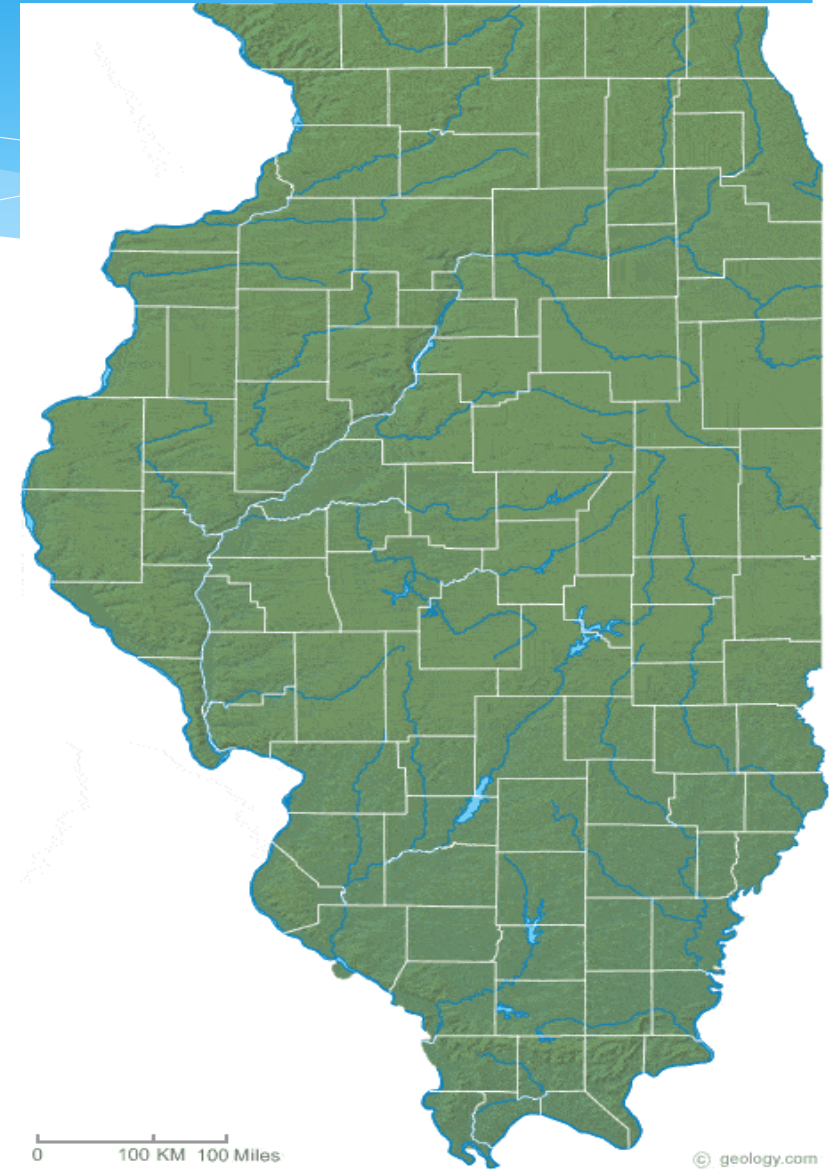
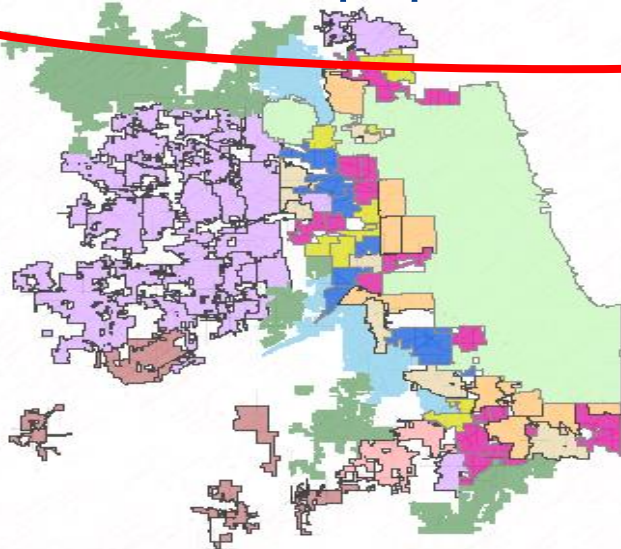


# Customers

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

## Legend

	chicago limits
	1909-1920
	1921-1930
	1931-1940
	1941-1950
	1951-1960
	1961-1970
	1971-1980
	1981-1990
	1991-2000
	2001-2004



# 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





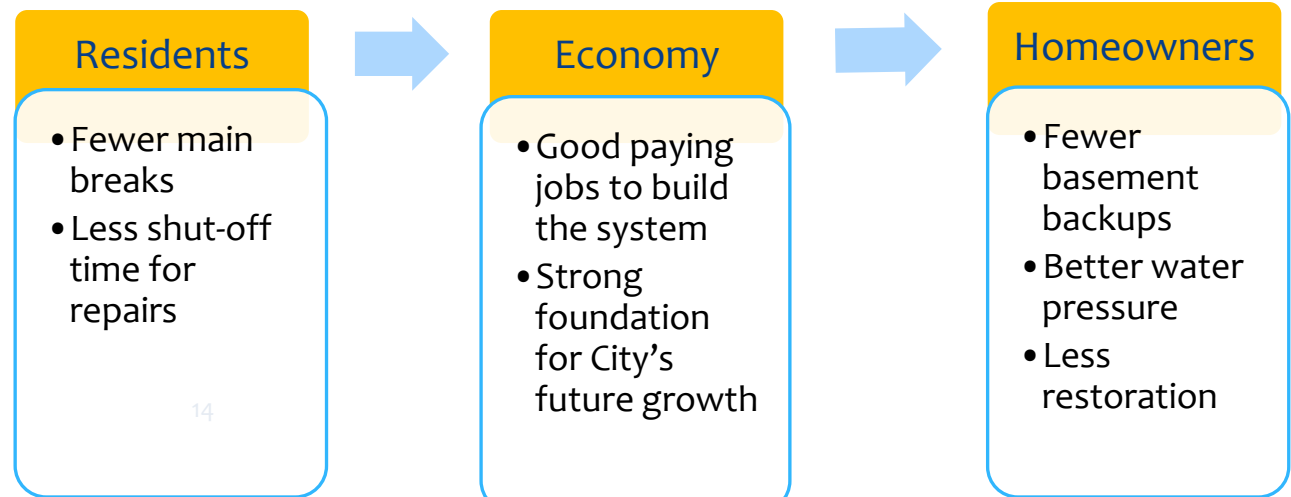
# 10-Year Capital Improvement Program



# 10-Year CIP Goals

- 🔥 Replace 880 miles water main
  - 🔥 Completed 756 miles
- 🔥 Rehab ~700 miles of sewer
- 🔥 Completed 654 miles
- 🔥 Line 95,000 structures
  - 🔥 Completed 88,300

- 🔥 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 2nd Quarter 2021

## 💧 Western Ave. Pumping Station Conversion

- \$10M/60 months
- Advertising 2nd Quarter 2020

## 💧 Program Management RFQ

- Planned for 2021



# Water and Facilities Improvement Contracts

## Upcoming 2021 Contracts

💧 Topographic survey \$4M

💧 Sawyer Plant

- Low Lift Pump

Chemical Building Roof Replacement

Building Roof

- Boiler Improvements

💧 Jardine Plant

- Sediment Force Main

## Pumping Stations

💧 Cermak

- Standby Generators & Switchgear

💧 Lakeview:

- Electrical & Control Improvements

💧 Western:

- Convert Steam to Electric





# Sewer Improvement Opportunities

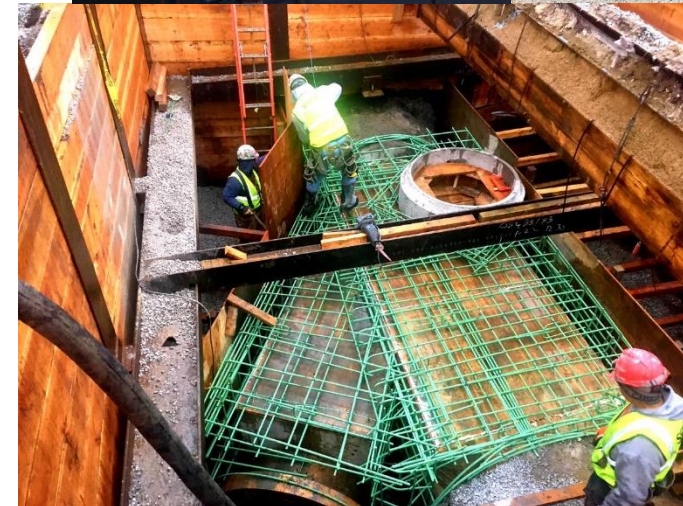
## IEPA Funded

### Geopolymer Rehabilitation

- 💧 \$30-40 Million Total
- 💧 3 Projects
- 💧 Large Diameter

### New sewer construction

- 💧 \$50-63 Million total
- 💧 13 projects
- 💧 Various locations





# Sewer Improvement Projects

## Advertising 1st / 2nd Quarter 2021

- ◆ West Woodlawn Sewer Improvement project
- ◆ 78th and 76th Sewer Improvement
- ◆ Harvard and 88th street improvement Project
- ◆ East Garfield Park Sewer Improvement
- ◆ Pershing Rd Sewer Improvement Project
- ◆ Rogers and Greenview Sewer Improvement
- ◆ 58th Street, Parnell and 44th Pl Sewer Improvement
- ◆ Archer Ave Sewer improvement Project
- ◆ Schubert and Lakewood Sewer improvement Project





# Sewer Improvement Projects

## Upcoming 2021 Projects

- 🔹 Hegewisch Sewer improvement
- 🔹 Barry and Sheffield Sewer Improvement
- 🔹 Englewood and Greater Grand Crossing Sewer Improvement Project
- 🔹 Lunt and Lakewood Sewer Improvement
- 🔹 Sacramento and 26th Sewer Improvement
- 🔹 Parnell and Halsted St Sewer Improvement Project
- 🔹 3 various locations large diameter sewer lining (greater than 66-inches)



# 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





Questions?



[www.chicago.gov/dps](http://www.chicago.gov/dps)

**BUYING PLAN** 1Q 2021  
1Q 2024

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

**COVID-19 BUSINESS RESOURCES**  
Business support and guidance during COVID-19

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**THANK YOU FOR ATTENDING!**



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