



PRESENTED BY  ★ CHI | DPS Department of Procurement Services

Thursdays, November 12 and 19, 2020 | 10:00 am – 5:00 pm



@CHICAGODPS

WWW.CHICAGO.GOV/VENDORFAIR

City of Chicago Department of Water Management

Bulent Agar
Deputy Commissioner



Randy Conner
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**

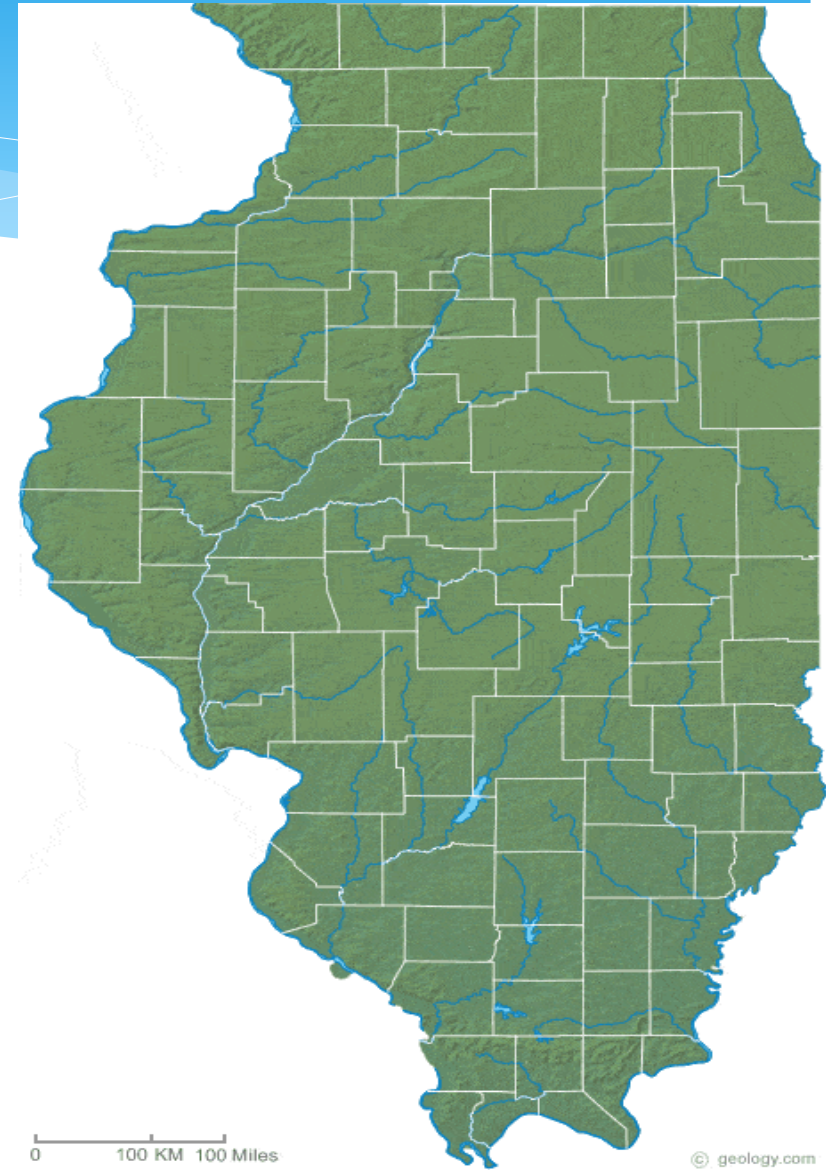
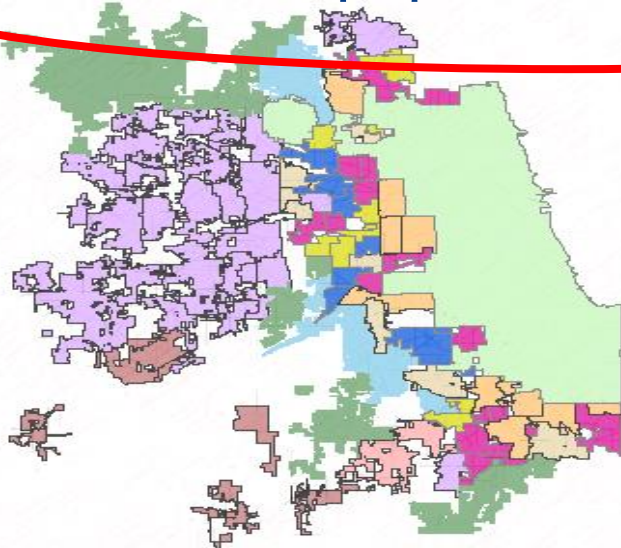
- * Operations and Distribution, Engineering

- *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



0 100 KM 100 Miles

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
- * 4,400 miles of Sewers
 - * 8-inch to 21.5 feet in diameter
- * 350,000 Structures



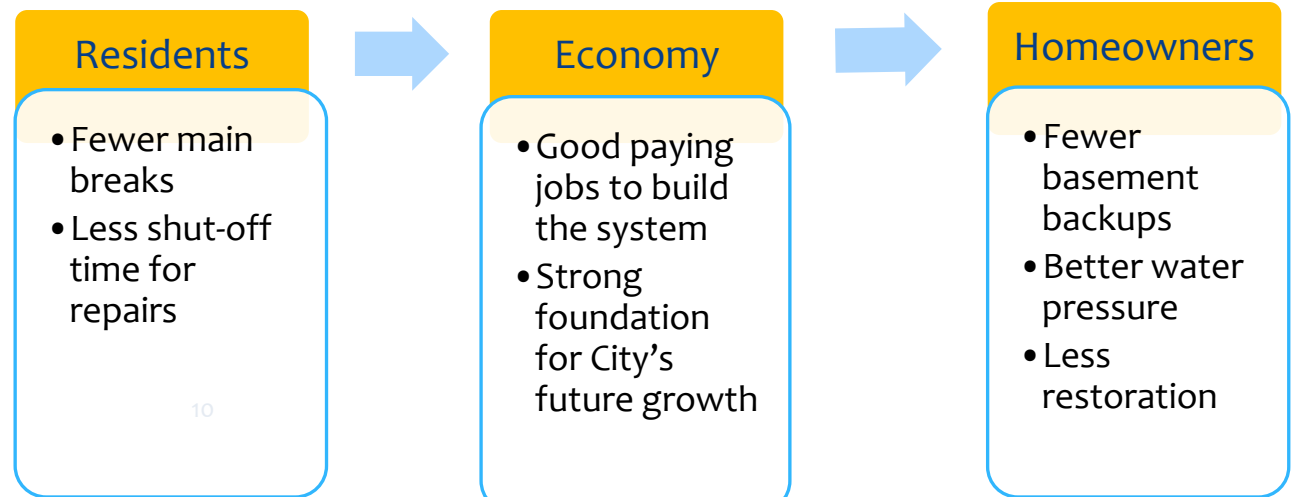
10-Year Capital Improvement Program



10-Year CIP Goals

- 🔥 Replace 880 miles water main
 - 🔥 Completed 750 miles
- 🔥 Rehab ~700 miles of sewer
 - 🔥 Completed 627 miles
- 🔥 Line 95,000 structures
 - 🔥 Completed 87,500

- 🔥 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 1st Quarter 2021

💧 Western Ave. Pumping Station Conversion

- \$10M/60 months
- Advertising 4th 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

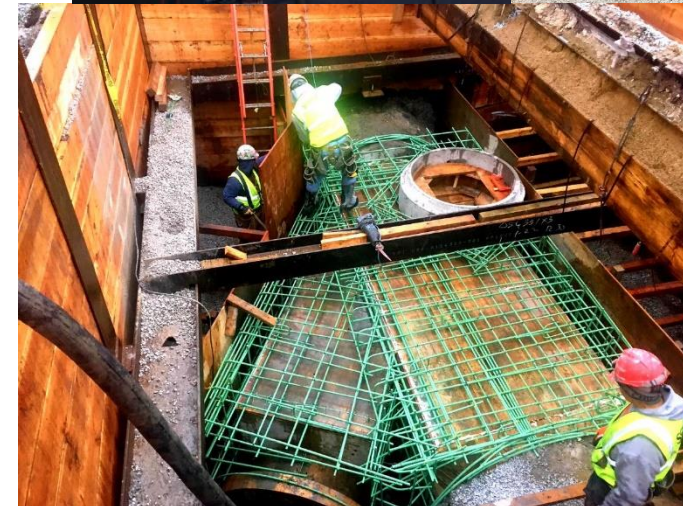
IEPA Funded

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 4th Quarter 2020 – 1st 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



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



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

0%+ Veterans Owned Business

Increased participation through segmentation

Sewer Subcontracting Opportunities

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

Sign up for notifications – DPS Alert:

www.cityofchicago.org/dps



facebook.com/ChicagoDPS



@ChicagoDPS



youtube.com/ChicagoDPS



cityofchicago.org/dps

18



Facebook.com/ChicagoWaterManagement





Questions?



WWW.CHICAGO.GOV/VENDORFAIR



[FACEBOOK.COM/CHICAGODPS](https://facebook.com/chicagodps)



[TWITTER.COM/CHICAGODPS](https://twitter.com/chicagodps)



[YOUTUBE.COM/CHICAGODPS](https://youtube.com/chicagodps)



[LINKEDIN.COM/COMPANY/CHICAGODPS](https://linkedin.com/company/chicagodps)