

# City of Chicago Department of Water Management

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**Deputy Commissioner**



Randy Conner  
Commissioner



# Overview of DWM



# 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
- 🔥 48,500 Water Valves Existing



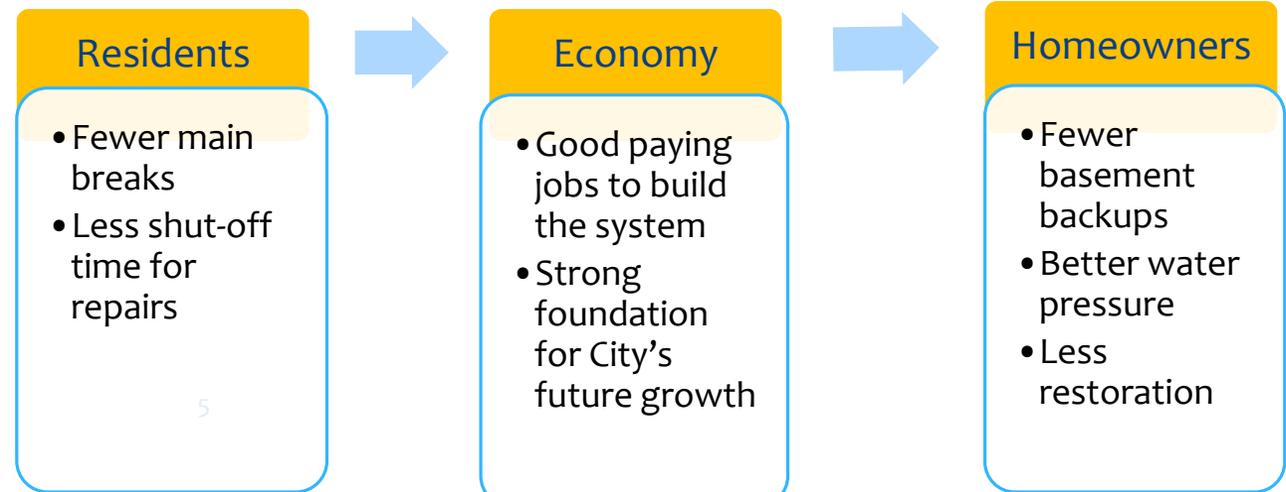
# 10-Year Capital Improvement Program



# 10-Year CIP Goals

- 🔥 Replace 880 miles water main
  - 🔥 Completed 731 miles
- 🔥 Rehab ~700 miles of sewer
  - 🔥 Completed 603 miles
- 🔥 Line 95,000 structures
  - 🔥 Completed 87,300

- 🔥 Design 4 pumping station conversions
  - 🔥 2 Designed, 1 Design in process
- 🔥 Convert 3 pumping stations
  - 🔥 1 Completed
  - 🔥 1 Under Construction



# What's on Tap?



# Upcoming Water Contracts

- 🔥 Job Order Contract: Electrical, Mechanical and Civil Engineering
  - \$25M /60 months
  - Advertising early 2020
- 🔥 Design Consulting Services
  - New Design RFQ
  - \$5M / 60 months
  - Advertising 3<sup>rd</sup> Quarter 2020
- 🔥 Western Ave. Pumping Station Conversion
  - \$10M/36 months
  - Advertising 3<sup>rd</sup> Quarter 2020
- 🔥 Construction Management RFQ
  - \$700K
  - Advertising 3<sup>rd</sup> Quarter 2020



# Water Improvement Contracts

## Upcoming 2020 Contracts

Topographic survey, water main testing & engineering

- 💧 \$3.5M/ 6 Projects
- 💧 Sawyer Plant:
  - Low Lift Pump/Roof Chemical Building
  - Boiler Improvements
  - Sediment Force Main
- 💧 Jardine Plant:
  - Sediment Force Main

## Pumping Stations

- 💧 Cermak
  - Standby Generators & Switchgear
- 💧 Lakeview:
  - Electrical & Control Improvements
- 💧 Western:
  - Convert Steam to Electric



# Sewer Improvement Projects

## Advertising 1<sup>st</sup> Quarter 2020

- 🔥 Private Drain Repair- Central, South and Far South
- 🔥 Devon Ave.
- 🔥 Morse/Lunt
- 🔥 Garfield Ridge
- 🔥 84<sup>th</sup> MWRD Sewer Connection Project
- 🔥 Northwest Highway

## Upcoming 2020 Projects

Sewer lining, structural rehab & sewer main replacement

- 🔥 \$1-2M: 2 projects
- 🔥 \$2-3M: 1 project
- 🔥 \$3-5M: 1 project
- 🔥 \$5-10M: 3 project
- 🔥 \$10-20M: 5 projects

# MBE/WBE Participation

## Water Subcontracting Opportunities

- Water Main Testing Services
- Land Survey
- Electrical
- HVAC
- Materials Testing
- Asphalt Placement
- Trucking
- Landscaping
- Concrete
- Pipe Installation

## Contract requirements:

**25% Minority Owned Business**  
**5% Women Owned Business**

Increased participation through segmentation

## Sewer Subcontracting Opportunities

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

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**Questions?**