

# EVANSTON ILLINOIS

## Public Works Agency Update

Wholesale Water Sales Update

Water Fund Projects

Drinking Water Lead Reduction Initiative

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# WHOLESALE WATER SALES

- Skokie
- Northwest Water Commission
- Morton Grove / Niles
- Lincolnwood

# WHOLESALE WATER SALES

- **Skokie**
  - Contract Extension Ended September 30, 2017
  - Per Ordinance 95-O-17, Evanston began charging Skokie \$2.06 per 1,000 gallons for water supplied since October 1, 2017
  - Skokie has paid Evanston \$0.78 per 1,000 gallons for water supplied since October 2017
  - Evanston has filed suit in Cook County Circuit Court against Skokie

# WHOLESALE WATER SALES

- **Northwest Water Commission**
  - Contract runs through February 28, 2034
  - Annual rate adjustment each October 1, based on AWWA methodology
  - Current rate is \$0.66 per 1,000 gallons

# WHOLESALE WATER SALES

- **Morton Grove Niles Water Commission**
  - MGNWC has received favorable bids for construction of their proposed connection
  - MGNWC is in line to get low interest loans from the IEPA for construction of their infrastructure
  - Relocation of booster pump station has delayed loan offer
  - Hope to begin construction in spring and receive water by end of 2018 / early 2019
  - Proposed rate in 2018 is \$0.78 per thousand gallons

# WHOLESALE WATER SALES

- **Lincolnwood**
  - Evanston attended meeting in Lincolnwood on November 17, 2017 to discuss proposed Water Supply
  - Meeting scheduled for February 13 to discuss engineering details
  - Hope to have executed contract by the end of 2018
  - Proposed 2019 rate is \$1.44 per 1,000 gallons

# WATER FUND CIP

| Major Projects – Water Plant            | 2018             | 2019             | 2020             | 2021             | 2022            |
|---|------------------|------------------|------------------|------------------|-----------------|
| Treated Water Storage                   | \$12.5 M         | \$10.2 M         | \$0              | \$0              | \$0             |
| Laboratory Expansion                    | \$150,000        | \$1.40 M         | \$0              | \$0              | \$0             |
| 36”/42” Intake Replacement              | \$600,000        | \$600,000        | \$15.20 M        | \$10.20 M        | \$0             |
| West Filter Plant                       | \$150,000        | \$250,000        | \$2.95 M         | \$0              | \$0             |
| Medium Voltage Generator and Switchgear | \$0              | \$0              | \$0              | \$200,000        | \$3.68 M        |
| General Plant Improvements              | \$740,000        | \$1.28 M         | \$0.00 M         | \$200,000        | \$2.78 M        |
| <b>Total CIP</b>                        | <b>\$13.99 M</b> | <b>\$13.85 M</b> | <b>\$18.15 M</b> | <b>\$10.60 M</b> | <b>\$6.45 M</b> |

# WATER FUND CIP

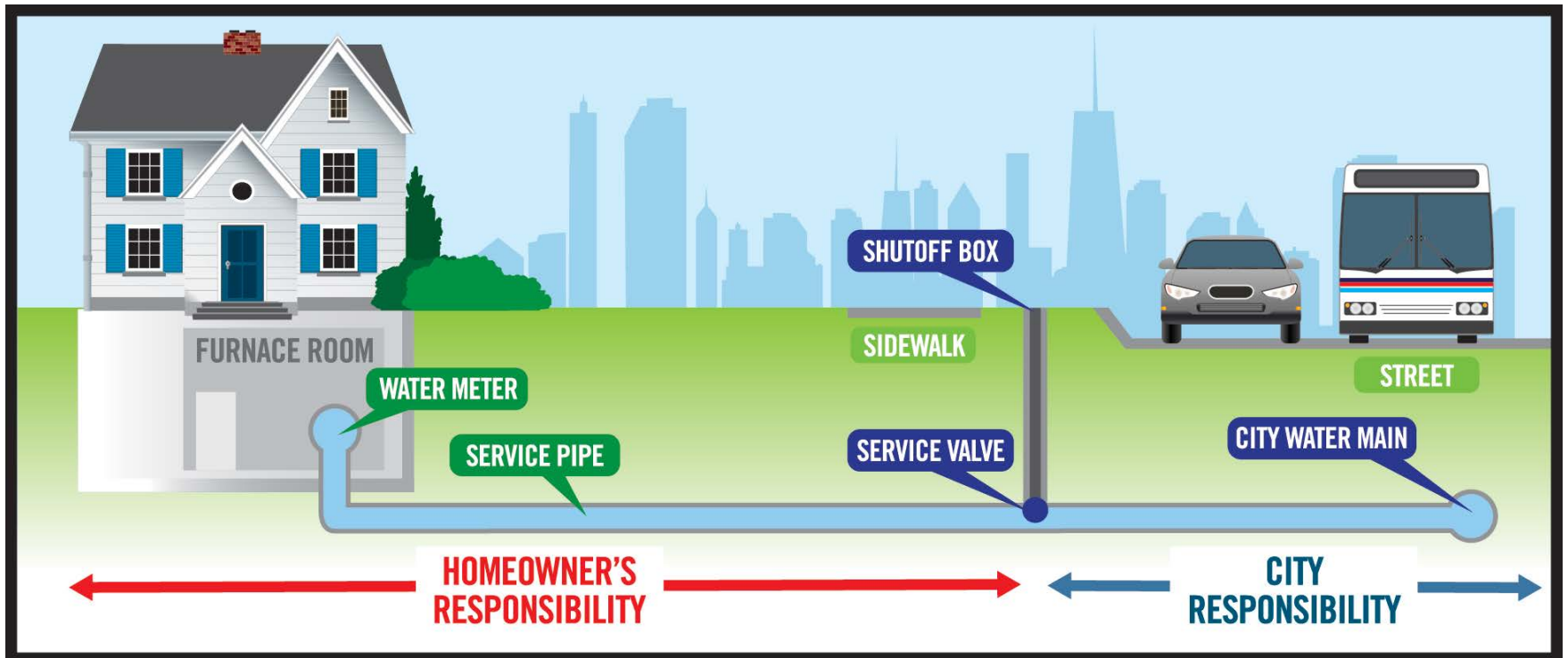
| Major Projects – Distribution                        | 2018      | 2019     | 2020     | 2021     | 2022     |
|--|-----------|----------|----------|----------|----------|
| Annual Water Main Repl<br>Incl Sheridan Rd & Main St | \$4.79 M  | \$3.81 M | \$3.93 M | \$4.05 M | \$4.67 M |
| 30" Transmission Main                                | \$6.19 M  | \$1.02 M | \$0      | \$0      | \$0      |
| MGNWC Meter Vault                                    | \$1.38 M  | \$0      | \$0      | \$0      | \$0      |
| Retail Water Meter Replacement                       | \$800,000 | \$0      | \$1.20 M | \$0      | \$0      |
| Lincolnwood Connection Main and<br>Meter Vault       | \$150,000 | \$1.65 M | \$0      | \$0      | \$0      |
| Concrete Water Main Testing                          | \$650,000 |          |          |          |          |
| Full Lead Service Line Replacement                   | \$0       | \$1.50 M | \$0      | \$0      | \$0      |
| Water Main Lining                                    | \$1.30 M  | \$1.70 M |          | \$1.20 M |          |



# DRINKING WATER LEAD REDUCTION INITIATIVE

- Lead Service Replacement Loan Program
- Point of Use Filter Program
- Post Construction Lead Testing Program

# SERVICE PIPE OWNERSHIP RESPONSIBILITIES



# WATER SERVICE INFORMATION GIS MAP

- Makes the City's records of water service materials available to the public.
- Meets SB 550 (Public Act 99-0922) requirements for an inventory of lead services.

[https://maps.cityofevanston.org/  
mapgallery/](https://maps.cityofevanston.org/mapgallery/)



# WATER SERVICE PIPE MATERIAL

- Total Services: 14,597
- City Lead Service Pipe: 8,109 (56%)
  - Replaced as part of the annual water main replacement program
- Private Lead Service Pipe: 13,463 (92%)

# LEAD SERVICE REPLACEMENT LOAN PROGRAM

- City Code Section 7-12-4-2 Amendment
- Homeowner pays for replacement of their portion of the lead water service pipe during water main replacement.
- City offers Loan to Resident
  - \$4,800 max amount
  - Zero Interest
  - Paid back \$100 per month
  - \$50 one-time service fee

# POINT OF USE FILTER PROGRAM

- AWWA Recommendation
- POU Filter Pitcher and 2 Replacement Cartridges



Zerowater Ready-Pour Pitcher

# POST-CONSTRUCTION LEAD TESTING PROGRAM

- AWWA Recommendation
- City offers testing 6 week after service line replacement.
- City delivers sample containers and instructions.
- City retrieves samples and sends results



# QUESTIONS?