Public Works Agency Update

Wholesale Water Sales Update
Water Fund Projects
Drinking Water Lead Reduction Initiative

Dave Stoneback
Public Works Agency Director

February 12, 2018
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

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<thead>
<tr>
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<tbody>
<tr>
<td>Treated Water Storage</td>
<td>$12.5 M</td>
<td>$10.2 M</td>
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<td>Laboratory Expansion</td>
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<td>36”/42” Intake Replacement</td>
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<td>$15.20 M</td>
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<td>West Filter Plant</td>
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<td>Medium Voltage Generator and Switchgear</td>
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<td>$200,000</td>
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<td>General Plant Improvements</td>
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<td><strong>Total CIP</strong></td>
<td><strong>$13.99 M</strong></td>
<td><strong>$13.85 M</strong></td>
<td><strong>$18.15 M</strong></td>
<td><strong>$10.60 M</strong></td>
<td><strong>$6.45 M</strong></td>
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<tr>
<td>Annual Water Main Repl Incl Sheridan Rd &amp; Main St</td>
<td>$4.79 M</td>
<td>$3.81 M</td>
<td>$3.93 M</td>
<td>$4.05 M</td>
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<td>30” Transmission Main</td>
<td>$6.19 M</td>
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<td>MGNWC Meter Vault</td>
<td>$1.38 M</td>
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<td>Retail Water Meter Replacement</td>
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<td>Lincolnwood Connection Main and Meter Vault</td>
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<td>Concrete Water Main Testing</td>
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<td>Full Lead Service Line Replacement</td>
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<td>Water Main Lining</td>
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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/
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?