

# Investing in Infrastructure: Wastewater Info Sheet

The water you use in your home to wash dishes, flush toilets, and take showers ends up at a wastewater treatment facility, where it is cleaned, disinfected, and returned to the local stream.



Devlin Wastewater Treatment Plant (Built 1928)



## Planned Improvements:

- Address aging facilities/equipment at both treatment plants
- Comply with new IEPA mandates for nutrient removal in wastewater treatment processes

Turn to page 2 for more information and cost estimates.

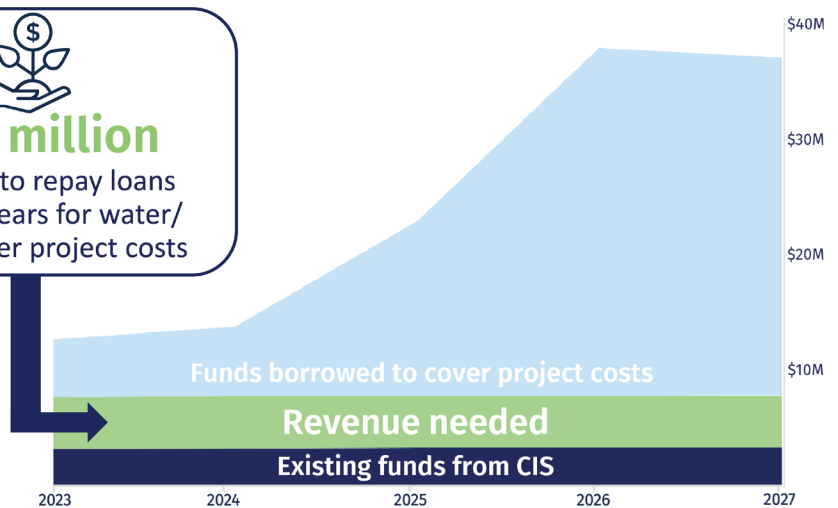


Botterman Wastewater Treatment Plant (Built 1992)

## Why does the Village need additional revenue to pay for wastewater improvements?

In the next five years, Roselle will have to spend nearly \$80 million on water system and wastewater treatment facility improvements. Like with past wastewater facility updates, the Village will take out loans to cover the project costs. However, these critical and mandated improvements come at a high cost. In order to cover the necessary loans for these projects, the Village needs an additional \$4.5 million in revenue.

**\$4.5 million**  
per year to repay loans over 20 years for water/wastewater project costs



## How does the Village fund wastewater treatment operations & improvements?

Revenue from your water bill supports wastewater treatment in our community:

- Water and sewer rates** → **Water/Sewer Operating Fund**  
Rates are set based on funds needed to operate Roselle's water system and wastewater treatment facilities.
- CIS (Capital improvement surcharge)** → **Water/Sewer Capital Projects Fund**  
CIS revenue funds all water system and wastewater treatment updates like the planned improvements listed above.

## Will the Village increase property taxes to fund infrastructure improvements?

No, the Village is not considering levying additional property taxes to secure funds for infrastructure projects.

## Will the Village increase other rates/fees to fund infrastructure improvements?

Potentially. Some options for securing necessary revenue could include rate or fee increases that would need Village Board approval. Other options would require voter approval and would be decided by a future referendum. The Village is actively seeking community feedback to choose the best path forward.

# Wastewater Improvements

## Goal: Address aging facilities and equipment

Both wastewater treatment plants are reaching a critical point in their life cycle. For the more recently constructed Botterman Wastewater Treatment Plant, 30 years may not seem like a long lifespan; however, treatment facilities operate constantly to keep up with community needs, so wear-and-tear is inevitable.



### Costs at a Glance

Between 2013 and 2021, necessary wastewater improvements required an investment of over \$32 million, which is an average of \$3.6 million per year. Facility and equipment updates planned for 2023 are estimated to cost just over \$600,000:

**Devlin: \$420,000**

*Roof replacement, secondary ComEd feed*

**Botterman: \$185,000**

*Replacement of effluent pump, clarifier influent gate, etc.*

Full project information available in the 2023-2027 Capital Improvement Plan: [www.roselle.il.us/Budget](http://www.roselle.il.us/Budget)



## Goal: Comply with IEPA mandates for nutrient removal

Both wastewater treatment plants need to comply with the Illinois Environmental Protection Agency's new limits on the levels of nitrogen and phosphorus that can remain in treated wastewater as it returns to the local stream.

At the Devlin Wastewater Treatment Plant, these updates will include expansion to upgrade capacity, as the facility is reaching its federal capacity limits.

### Costs & Timeline

The new IEPA regulatory limits are unfunded mandates, which means publicly-owned treatment plants like ours have to comply with more stringent regulations without receiving additional funding. The Village will need additional funds to complete the upgrades needed at both plants to ensure compliance with IEPA regulations.

#### Devlin Wastewater Treatment Plant

Design & permitting cost: \$1.77M  
Construction cost: \$25.9M

Timeline: 2023-2025

Timeline: 2026-2027

#### Botterman Wastewater Treatment Plant

Design & permitting cost: \$375,000  
Construction cost: \$5.3M

Timeline: 2023-2024

Timeline: 2025-2026

## Community Comparison

Some municipalities share treatment districts or operate just one treatment plant. Roselle maintains two treatment plants over a smaller service area than other towns, which means fewer people pay into wastewater operations here than in other communities.

Like Roselle, some municipalities fund infrastructure improvements with a CIS on water bills. Other communities impose certain taxes to generate revenue from non-residents; as a non-home rule municipality, Roselle has limited ability to do the same.

## Water/Sewer Rates per 1,000 Gallons

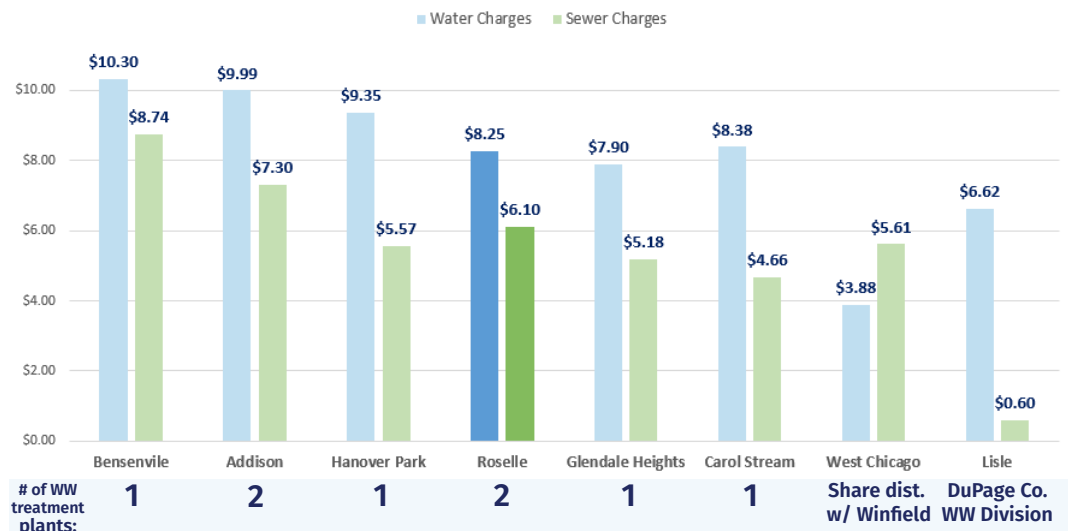


Chart reflects survey data from 2022 - DuPage Mayors & Managers Conference