

2026
TWW



Capital Improvement Plan

Fiscal Years 2024-2033





Building a Stronger, Safer Water System

How Planned Water Infrastructure Investments Impact Reliability, Safety, and Rates

Trenton Water Works' **Capital Improvement Plan** proposes a **\$763 million** long-term investment in critical water infrastructure, with priorities on lead service line replacement, the decommissioning and replacement of the Pennington Avenue Reservoir, and upgrades to the water filtration plant and distribution system, including a new central pumping station. Most projects are financed through State Revolving Fund loans and would require rate increases to support debt service. This summary aims to increase public understanding and transparency on how proposed rate increases translate into public health protection, water system reliability, and long-term resilience.



\$400 million

**Pennington Avenue
Reservoir Replacement
Project**

- **Replace** aging reservoir infrastructure, including the **central pumping station (CPS)**.
- **Construct** decentralized storage tanks in Trenton, Hamilton Township, Ewing Township, and Hopewell Township to safeguard the water supply.
- **Improve** pressure and system hydraulics.

What This Means

The project safeguards the water supply, improves system hydraulics, and strengthens long-term system resiliency.



\$175 million

**Lead Service Line
Replacement**

- **Replace** approximately 20,000 lead service lines across the TWW service area, including Trenton, Hamilton Township, Ewing Township, and Lawrence Township, in multiple phases. There are no lead service lines in Hopewell Township because its housing stock is newer.
- TWW's **Lead Service Line Replacement Program (LSLRP)** is a multi-year program extending through 2031.

What This Means

Removing lead infrastructure from the water system protects children's health and reduces long-term public health risks.

Required for compliance with the EPA's **Lead and Copper Rule (LCR)** and long-term public health risk reduction.



\$88 million

**Distribution System
and Water Meter
Improvements**

- **Replace** aging water mains and valves.
- **Undertake** targeted cleaning and lining of existing water mains.
- **Detect** and repair leaks systemwide.
- **Replace** water meters with two-way communicating smart water meters to eliminate estimated bills, improve billing efficiency, and strengthen customer service.

What This Means

Reduces leaks, improves billing accuracy, and reduces unaccounted-for water (UFW) loss.



\$75 million

**Water Filtration Plant
Improvements (WFP)**

- HVAC, roofing, and electrical **upgrades**.
- **Modernize** the plant's chemical feed system and mechanical dewatering facility (MDF).
- **Modernize** security and fire alarm systems, SCADA, and implement other safety upgrades.
- **Upgrade** the raw water intake system to improve its cold-weather performance.

What This Means

Keeps the water filtration plant operational, safe, and compliant with regulatory standards.



\$15 million

Fleet Vehicles and Heavy Equipment

- **Replace** aging vehicle fleet and heavy equipment.

What This Means

Ensure field personnel have the equipment needed to maintain and repair the system and deploy during emergencies.



\$10 million

Engineering Services

- **Secure** engineering and design services for system upgrades and expansion.
- **Execute** project implementation support and performance analysis.

What This Means

Ensures that system upgrades are properly designed, sequenced, and delivered.



Trenton Water Works
Office of Communications and Public Outreach
333 Cortland Street
Trenton, NJ 08638