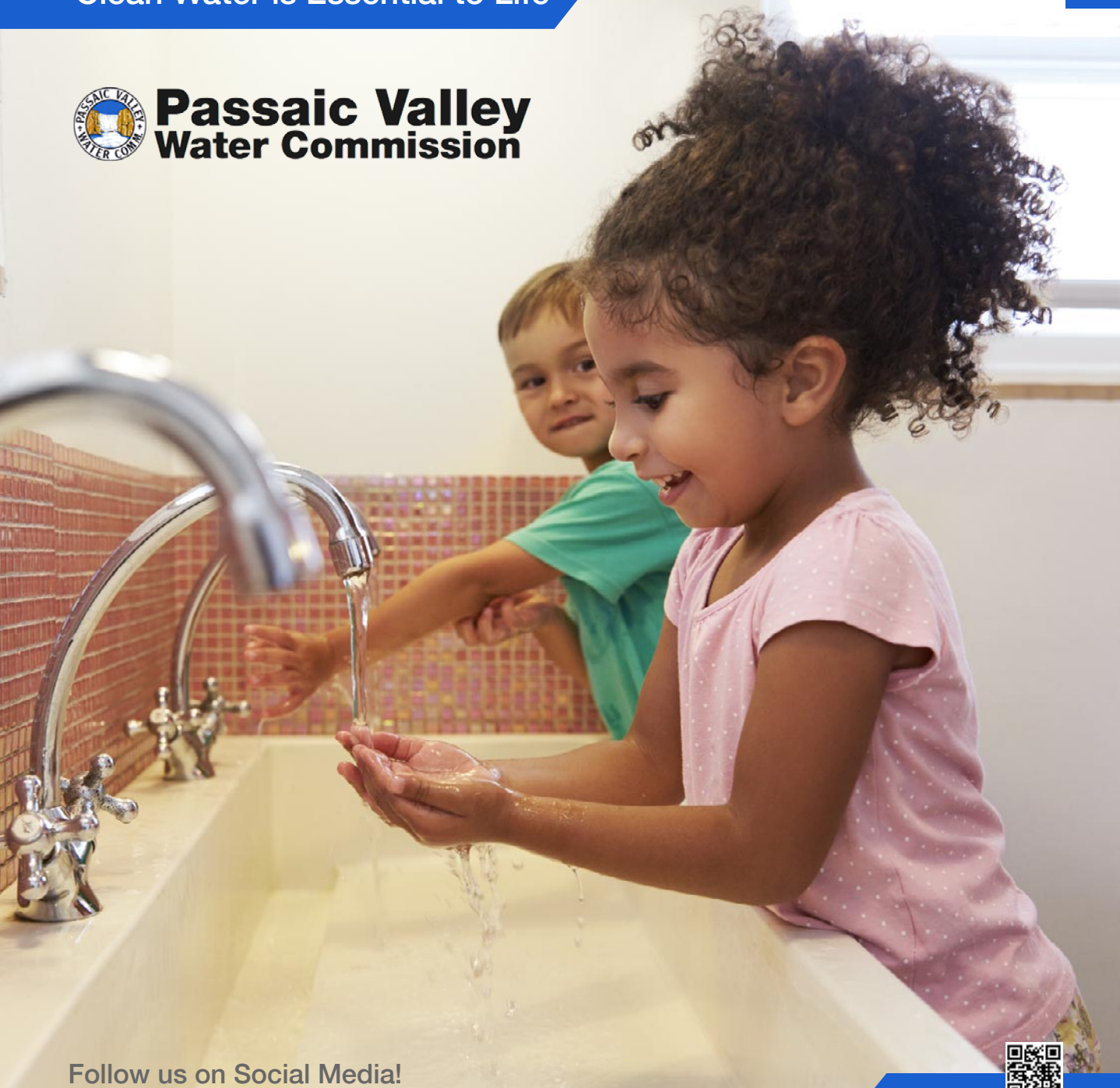


Clean Water is Essential to Life



**Passaic Valley
Water Commission**



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SCAN ME

Visit PVWC.com

Who We Are

A history of service, adaptation and innovation

- **1849** Passaic Water Co. incorporated and secured franchises for water distribution to Paterson.
- **1902** Little Falls filtration plant begins operations.
- **1927** State of NJ creates Passaic Valley Water Commission to acquire the privately owned water works system for Clifton, Passaic and Paterson.
- **1937** Acquired Prospect Park water system.
- **1962** Major enlargement and modernization begins at the Little Falls Water Filtration Plant.
- **1986** Major enlargement of Water Treatment Plant.
- **1997** Signed 30-yr lease of the Lodi Water System.
- **2004** Completion of new water treatment plant upgrade, featuring state-of-the-art Ozonation.
- **2005** Acquisition of North Arlington Water Utility.
- **2013** Reservoir covered-storage study completed.
- **2022** Began \$36M customer-owned lead service line replacement program targeting 6,500 lines in Paterson, Clifton, Passaic, and Prospect Park.
- **2023** Commissioned 12 megawatts of emergency back-up power at Little Falls treatment facility. Finalized design for two 2.5-million-gallon storage tanks to replace the open-air Levine reservoir.
- **Today:** 240 employees in the electrical and plumbing skilled trades, professional engineers, accountants, licensed treatment and distribution operators, most of whom live in our service areas and help serve high-quality water to more than 800,000 people.



Executive Director

James G. Mueller, P.E.

Mr. Mueller joined PVWC as Executive Director in February of 2022. His role is to direct and oversee the operation of the state's largest public water supply, serving over 800,000 customers and 24 wholesale water suppliers in New Jersey.



His extensive experience with large-scale water infrastructure projects contributes greatly to PVWC's ongoing \$809 million capital program.

Mr. Mueller worked for NYC Department of Environmental Protection for nearly 30 years. He served as the NYC DEP's Chief Engineer from 2018 until he joined PVWC.

**PVWC receives Gold Award
for Exceptional Utility
Performance in 2023**



**ASSOCIATION OF
METROPOLITAN
WATER AGENCIES**





System Overview

Two major water sources for 800,000 people

Wanaque Reservoir – treated and conveyed to PVWC by North Jersey District Water Supply Commission (NJDWSC) which is majority-owned by PVWC and Newark.

Passaic River – treated by PVWC at the Little Falls Water Treatment Plant and pumped into three (3) separate storage reservoirs as well as our distribution system.

Total annual average daily flow = 77 million gallons per day which is enough to fill 3,000 standard-sized swimming pools!

Interconnections – PVWC maintains dozens of interconnections with our surrounding water distribution systems. Interconnections allow us to share water resources when needed or in the event of an emergency.

Water for Future Generations

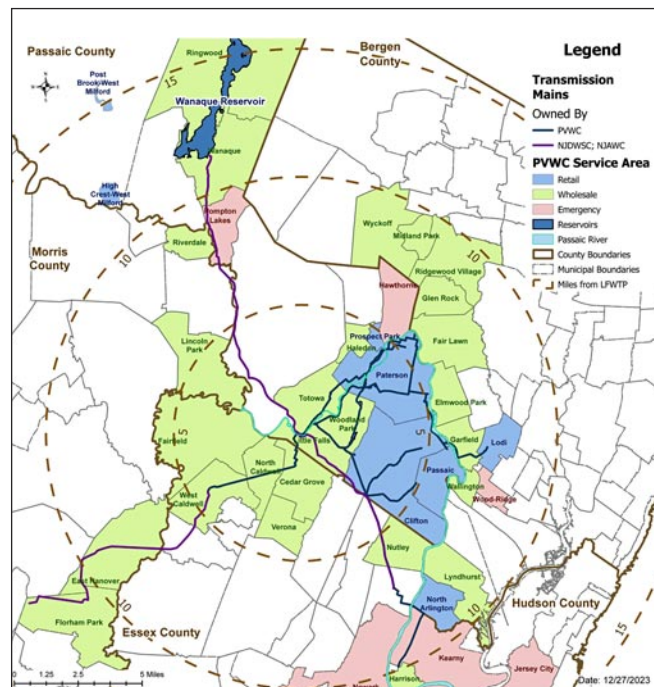
Necessity is the mother of invention - Plato

Investing in Our Infrastructure: Over the next 5 years, PVWC will invest \$809 million to address our aging infrastructure, meet regulatory mandates, respond to evolving regulations, and modernize our information technology, vehicles and other equipment.

Investing in Our Employees: Operating one of the largest and most complex water systems in the State of New Jersey requires advanced skills. Developing succession plans and maintaining a pipeline of qualified staff is critical. Programs for apprenticeships, co-op students,

internships and a formal summer-help program helps maintain the pipeline. In addition, insourcing work such as training staff to install insertion valves, saves the company more than \$15,000 for every repair made using that valve, while enhancing employee skills and value.

Investing in Our Communities: When we invest in infrastructure, we're also investing in our community by creating jobs and local business opportunities. We also create career opportunities and skills development that benefits both PVWC and the community. Our infrastructure replacement program helps keep us ready to meet the growing water supply needs from new development and economic growth in our communities.



Capital Construction

Reservoirs: PVWC operates 3 open-air water reservoirs where water is stored after it's been treated but before its delivered to you. Open reservoirs can allow contaminants to re-enter the water from rain, storm-water run off, ducks, geese and other wildlife. And, open reservoirs prevent the use of treatments that could reduce the risk of lead in your drinking water.

That's why we're closing the 20-million gallon Levine Reservoir and replacing it with secure enclosed water tanks. This \$40 million, federally mandated project is anticipated to break ground within the next year.

Water Mains: We manage more than 650 miles of underground pipeline. Laid end-to-end, our underground pipeline would stretch from Clifton to Indianapolis and beyond. By 2030, nearly 60% of these water mains will be more than a century-old and in need of repair or replacement. PVWC is investing over \$6 million to assess key factors about the pipes and design replacement water mains for the most critical areas of our system.

Lead service line replacements: Lead in drinking water can cause serious harm to children and adults, especially young children and pregnant women. Since 1984, we've replaced more than 26,000 PVWC-owned lead lines. Now we're focused on removing 6,500 *customer-owned* lead service lines within our main system. PVWC will invest \$36 million in this project, but a subsidy of \$27 million from the State will greatly reduce the financial impact on our customers.



PFAS Regulations: Per- and polyfluoroalkyl substances (PFAS) are manufactured chemicals found in food packaging, non-stick cookware, stain-resistant fabrics, stain resistant carpets and firefighting foam. Over time, PFAS are released and can accumulate in air, soil and water and can be ingested by the human body. In April of 2024, the US Environmental Protection Agency finalized new standards that will take effect in 2029, for PFAS in drinking water.

As leaders in the water industry, PVWC is in compliance with all current standards and has a plan to meet these new standards. Our plan is to optimize existing treatment processes, while testing new ones. We'll design and construct upgrades as needed, while always delivering high-quality water for our customers.



**Passaic Valley
Water Commission**

Visit www.PVWC.com
or call 973-340-4300