Pennsylvania American Water Begins $6.8 Million Water Treatment Modernization Project in New Castle

Major filter improvement project will strengthen treatment reliability and support more than 41,000 customers

NEW CASTLE, Pa. (Nov. 20, 2026) – Pennsylvania American Water announced today the start of a $6.8 million project to modernize the water filtration system in New Castle. The project will rehabilitate four original filters that have been in service since the 1980s, helping improve operational reliability, extend the life of critical infrastructure and support the delivery of high-quality drinking water to customers throughout the region.

The project follows completion of the plant's fifth filter in 2025, which now allows each of the original filters to be taken offline and upgraded individually while maintaining the plant's ability to meet customer demand.

“Filters are one of the most important components of the water treatment process, making this project critical to the long-term reliability and performance of the plant,” said Jed Fiscus, director of engineering project delivery for Pennsylvania American Water. “By modernizing this equipment that has been in service for decades, we’re helping to ensure we continue meeting our customers’ need for years to come.”

The project will replace key components within each filter, including the underdrain system, stainless-steel air scouring system and other critical mechanical and electrical equipment.

Pennsylvania American Water will also replace equipment used to clean and maintain the filter media. Together, these upgrades will improve treatment performance, increase reliability and extend the useful life of the plant's filtration infrastructure.

The New Castle Water Treatment Plant serves approximately 41,000 customers throughout New Castle, Neshannock, Shenango, and surrounding communities, with an average of 5.4 million gallons of water per day.

The fifth filter, completed in 2025, was specifically designed to provide operational flexibility by allowing one filter to be taken offline for maintenance, rehabilitation or emergency repairs while maintaining treatment capacity and service reliability.

About American Water
American Water (NYSE: AWK) is the largest regulated water and wastewater utility company in the United States. With a history dating back to 1886 and celebrating 140 years in 2026, We Keep Life Flowing® by providing safe, clean, reliable and affordable drinking water and wastewater services to approximately 14 million people with regulated operations in 14 states and on 19 military installations. American Water’s approximately 7,000 talented professionals leverage their significant expertise and the company’s national size and scale to achieve excellent outcomes for the benefit of customers, employees, investors and other stakeholders. For more information, visit amwater.com and join American Water on LinkedIn, Facebook, X and Instagram.

About Pennsylvania American Water
Pennsylvania American Water, a subsidiary of American Water, is the largest regulated water utility in the state with approximately 1,200 dedicated employees working to provide safe, clean, reliable and affordable water and wastewater services to approximately 2.5 million people.

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