

DRINKING WATER STATE REVOLVING FUND



ADDRESSING EMERGING CONTAMINANTS IN DRINKING WATER

State Program:

PENNVEST Drinking Water State Revolving Fund Program

Assistance Recipient:

Perkasie Regional Authority

Project Name:

PFAS Line Extension

Initial Agreement Date:

2023



Project Description

Residents along Old Bethlehem Pike and Tabor Road in Perkasie, Pennsylvania were dealing with long term PFOA (perfluorooctanoic acid) and PFOS (perfluorooctane sulfonate) contamination in their private drinking water wells due to firefighting efforts from a nearby airbase in 1986. Fire suppression foam used by the airbase had leached into the Perkasie water table, affecting 53 homes. Wells at 12 of the houses exceeded 70 parts per trillion (ppt) of PFOA and PFOS, while wells at 41 homes had detectable levels of the per- and polyfluoroalkyl substances (PFAS) contaminants. The Pennsylvania Department of Environmental Protection provided the affected homes with temporary filtration systems to reduce levels of PFOA and PFOS.

To provide a long-term solution, the Perkasie Regional Authority received a \$3.6 million DWSRF Infrastructure Investment and Jobs Act (IIJA) Emerging Contaminants loan with 100 percent principal forgiveness to install 6,450 linear feet of 8-inch water main, and 11 fire hydrants. The project also connected the 53 affected homes and four vacant lots to the Perkasie Regional Authority. The affected residents now have access to reliable drinking water.



**DWSRF Assistance
Provided
\$3.6M**



**Principal
Forgiveness
\$3.6M**

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This case study comes from the [Aquarius 2025 Compendium](#).