

DRINKING WATER STATE REVOLVING FUND



TRANSMISSION AND DISTRIBUTION

State Program:

Rhode Island Drinking Water State Revolving Loan Fund

Assistance Recipient:

Town of North Smithfield

Project Name:

Mechanic Street Water Main Extension

Initial Agreement Date:

2020



Project Description

The Village of Slatersville discovered a contamination plume leaking into the groundwater wells of private homeowners. The source of the contamination is suspected to be from a nearby Superfund site. The groundwater wells were contaminated with Perchloroethylene and Trichloroethylene, known respectively as PCE and TCE, and Freon-113. The Rhode Island Department of Environmental Management (RIDEM) provided Slatersville homeowners with in-house treatment systems, but because of cost and maintenance burdens, this was only a short-term solution.

Slatersville and RIDEM collaborated with the nearby Town of North Smithfield to find a sustainable long-term solution. **North Smithfield received \$1.4 million in DWSRF assistance with \$850,000 in principal forgiveness for the installation of 4,400 linear feet (LF) of ductile iron water main to extend service into Slatersville and serve the 40 residences that had contaminated drinking water.** This project was completed in August 2020 and provided residents of Slatersville with a safe and reliable source of drinking water.



**DWSRF Assistance
Provided
\$1.4M**



**Principal
Forgiveness
\$850,000**

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This case study comes from the [AQUARIUS 2021 Compendium](#).