

DRINKING WATER STATE REVOLVING FUND



DRINKING WATER TREATMENT

State Program:

Indiana Drinking Water State Revolving Fund Program

Assistance Recipient:

Town of New Richmond

Project Name:

Drinking Water System Improvements

Initial Agreement Date:

2023



Project Description

The Town of Richmond is a rural community of 330 people located in west central Indiana. Since 1962, the Town operated two wells which treated the water with direct injection of chlorine gas and phosphates. High iron and manganese in the raw water resulted in secondary, or aesthetic, water quality concerns, due to lack of water filtration and oxidation treatment. Customers complained of discoloration, foul tastes, and laundry staining. Additionally, parts of the Town's distribution system were decades old, undersized, and needed replacement.

This project was co-funded by a \$1.3 million DWSRF Infrastructure Investment and Jobs Act (IIJA) Emerging Contaminants loan with \$1.1 million in principal forgiveness and a \$700,000 Indiana Office of Community Affairs grant. These affordable loans enabled the Town of Richmond, a community identified by the Indiana Finance Authority under the Safe Drinking Water Act as small and disadvantaged, to address the manganese contamination. The project involved a well rehabilitation, installation of a package water treatment plant with a pressure filtration system for iron and manganese removal, improvements to existing chemical feed systems, and distribution system improvements to increase water pressure and allow for system flushing to address water age.



**DWSRF Assistance
Provided**
\$1.3M



**Principal
Forgiveness**
\$1.1M



**Funding from
Other Sources**
\$700,000

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Click here to learn more about the [Indiana Drinking Water State Revolving Fund Program](#).

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