

DRINKING WATER STATE REVOLVING FUND



ADDRESSING EMERGING CONTAMINANTS IN DRINKING WATER

State Program:

South Carolina Drinking Water State Revolving Fund Program

Assistance Recipient:

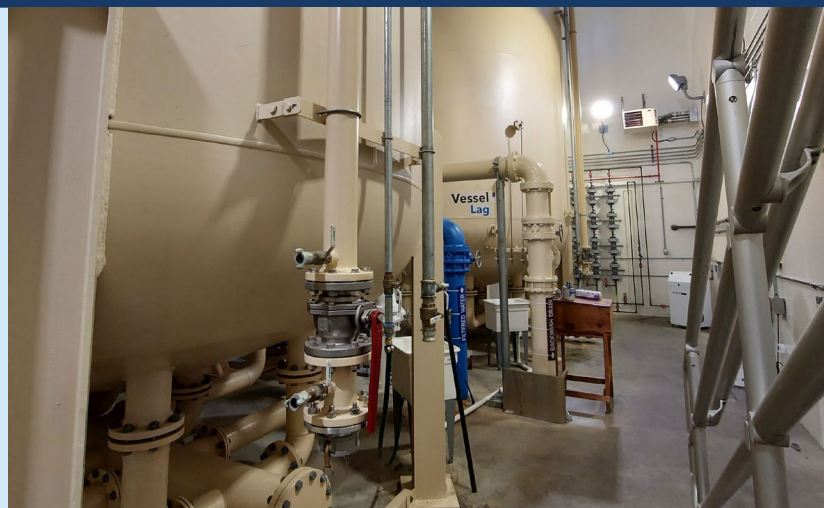
Darlington County Water & Sewer Authority

Project Name:

Phase 22 - Water Line Extensions

Initial Agreement Date:

2024



Project Description

For many years, industrial sludge was applied to agricultural fields as fertilizer throughout Darlington County, South Carolina and the surrounding areas. The homes in the County's rural areas rely on private wells for drinking water. In July 2018, many of the private wells sampled for per- and polyfluoroalkyl substances (PFAS) had high PFAS levels. Filtration was installed on the wells to reduce PFAS levels as a short-term solution while the County looked for a permanent and cost-effective solution. **Using a \$4 million DWSRF Infrastructure Investment and Job Act (IIJA) Emerging Contaminants loan with 100 percent principal forgiveness, the Darlington County Water & Sewer Authority constructed approximately 21 miles of water main and service lines for 59 residences, connecting them to the public water utility.** The 110 affected residents now have access to drinking water treated to remove PFAS. By constructing new water mains in this rural area of the county, other residences still using private wells have the opportunity to connect to a consistent source of drinking water.



**DWSRF Assistance
Provided
\$4M**



**Principal
Forgiveness
\$4M**

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