

*Delaware Rural Water Association*



# Water and Wastewater Services





# Over 28 Years of Dedicated Water Safety Services



The Delaware Rural Water Association (DRWA) works to improve the quality of utility services in rural Delaware, while protecting its natural resources and quality of life. DRWA is a non-profit association governed by a volunteer Board of Directors that includes water operators, town managers, and supervisors from throughout the state of Delaware.



## PROTECTING THE PUBLIC HEALTH

DRWA promotes public health protection for rural communities and municipalities by training and assisting water professionals in providing quality drinking water to their communities, neighbors, and families.



## PROTECTING THE ENVIRONMENT

DRWA promotes water conservation through publications and public awareness campaigns, which also aid in the development of effective regulations. DRWA is an affiliate of the National Rural Water Association, which operates what EPA officials call "the most successful sourcewater protection program in the country."



## TRAINING

DRWA's specialized training sessions provide water and waste water professionals with the opportunity to resolve problems by sharing ideas with state and federal agencies, engineers, contractors, manufacturers, suppliers, and other system personnel. Training sessions range from chemical treatment, federal water and wastewater regulations, financial management practices and operator certification. Our training services allow water professionals to upgrade their skills, improve the quality of their utility's service, and protect their community's health.



Further opportunities for specialized training are offered at DRWA's Annual Technical Conference and Exhibition. This conference brings together water and wastewater professionals, government officials, manufacturers, and suppliers in one location to learn about trends in technology, regulation, and system management.

DRWA's mobile On-Site Training Unit (OSTU) includes classroom space, resource materials, and industry equipment. It travels around the state to provide certification hours to operators who can't leave their systems to attend training. System operators benefit from our hands-on training for water testing, meter testing, cross-connection, fluoridations, well security, and more.

# SERVICES



## WATER LOSS PROGRAMS

Leak Detection Surveys  
Water Audits

## DISTRIBUTION PROGRAMS

Line Flushing  
Hydrant Flow Testing  
Portable Hydrant Flushers  
Ground Penetrating Radar  
Line Locating Service  
Valve Box Locating Service  
Smoke Testing Service

## TREATMENT PROGRAMS

Chemical Pump O & M  
Filter Rates  
Filter Media's  
Chemical Cost Analysis  
Well Depths  
Drawdowns

## CAPACITY DEVELOPMENT

Technical Training  
Managerial Training  
Financial Training

## OPERATOR CERTIFICATION REVIEWS PUBLIC NOTIFICATION ASSISTANCE TRAINING SERVICES

Water & Wastewater Asset Management Training  
Safety Training  
CCR Building Lead & Copper Resident Preview Training  
Utility Management Courses  
On-Site Hands-On Training  
Formal Classroom Training  
ASSE Backflow Assembly Tester  
ASSE Backflow Assembly Repairer  
ASSE Backflow Assembly Surveying  
ASSE Backflow Assembly Administration



# Government-Sponsored Programs

## USDA Rural Utilities Service Water and Waste Disposal Loans and Grants

Small communities often have difficulty providing safe, affordable drinking water and sanitation due to limited economies of scale and lack of technical expertise. Rural communities often have lower median household incomes and higher water rates compared to larger communities. To overcome this, rural communities have turned to the USDA to construct water and wastewater infrastructure through grants and loans provided at reasonable rates and terms.

## EPA State Revolving Funds

State Revolving Funds provide low-interest funding to communities for compliance with federal water standards. DRWA receives funding to provide on-site technical assistance to all water systems, from small day-care facilities to large municipalities. Further, DRWA provides owners and operations up-to-date information on regulations, operational issues, maintenance and troubleshooting and operator certification educational contact credits.

## USDA Circuit Riders

Circuit Riders travel to small rural communities and provide primary assistance for the operation of safe and clean drinking water and for compliance with water regulations. This assistance protects the sizable investment the federal government has made in rural water infrastructure. Circuit Riders are in the field every day, helping systems with compliance, operations, maintenance, management, disaster response, and training. The Circuit Rider program has long been one of the USDA's most efficient and successful public-private partnerships.

## USDA Farm Service Agency Grassroots Source Water Protection

This program provides Delaware with at least one full-time person to assist rural communities, farmers, and other land-use interests in the implementation of source water protection plans. This initiative allows the people who benefit from environmental protection to take responsibility for achieving it – helping to ensure its success. It is the only statewide, community-based initiative ensuring environmentally progressive local land-use decisions without the bureaucracy of regulatory programs.



USDA



## EPA Safe Drinking Water Act Technical Assistance

Small communities want to ensure quality water and stay in compliance – DRWA provides them the technical resources to do it. With local/on-site assistance and training, rural communities can stay in compliance with federal regulations, avoid EPA fines, and effectively operate drinking water and wastewater supplies. According to these communities, this EPA-funded local initiative is the most effective environmental protection effort for compliance with the Safe Drinking Water and Clean Water Acts.

# Additional Programs and Services



DRWA also assists small water systems with GIS mapping of their well houses, valves, meters, hydrants and distribution sample taps, providing the state good reference points when they conduct sanitary surveys.



DRWA provides workshops and technical assistance to campgrounds under the Safe Drinking Water Act. DRWA conducts site visits and meets with park owners, to develop a checklist of operation protocols for maintaining compliance with State and Federal regulations.



DRWA assists water systems with their Asset Management Programs, by providing a forecast of needs when budgeting for capital improvements of their infrastructure. Engineers and operators receive help with mapping, locating valves, flow testing, flushing programs, and collecting data necessary for Asset Management.



Delaware Rural Water Association and the State Revolving Fund Program also offer a number of valuable training programs, including a Contamination Prevention Program, Fluoride Certification Training, and Local Officials Training.



## ABOUT DRWA



Delaware Rural Water Association (DRWA) is a membership-oriented association; a non-profit corporation governed by a Board of Directors from rural water systems in Delaware. DRWA programs are funded through Federal and State funds and our memberships. With increased regulations and fewer funding sources, it has become more critical that our systems be actively involved in the legislative process. We do not sell any products, or promote one product over another. We provide unbiased help to rural water and wastewater systems.

Be involved in rural water...visit [DRWA.ORG](http://DRWA.ORG) today.





*Delaware Rural Water Association*

210 Vickers Drive, Milford, DE 19963

**302.424.3792 DRWA.ORG**

DelawareRuralWater@yahoo.com