

Cross-Connection Control Compliance Confidence



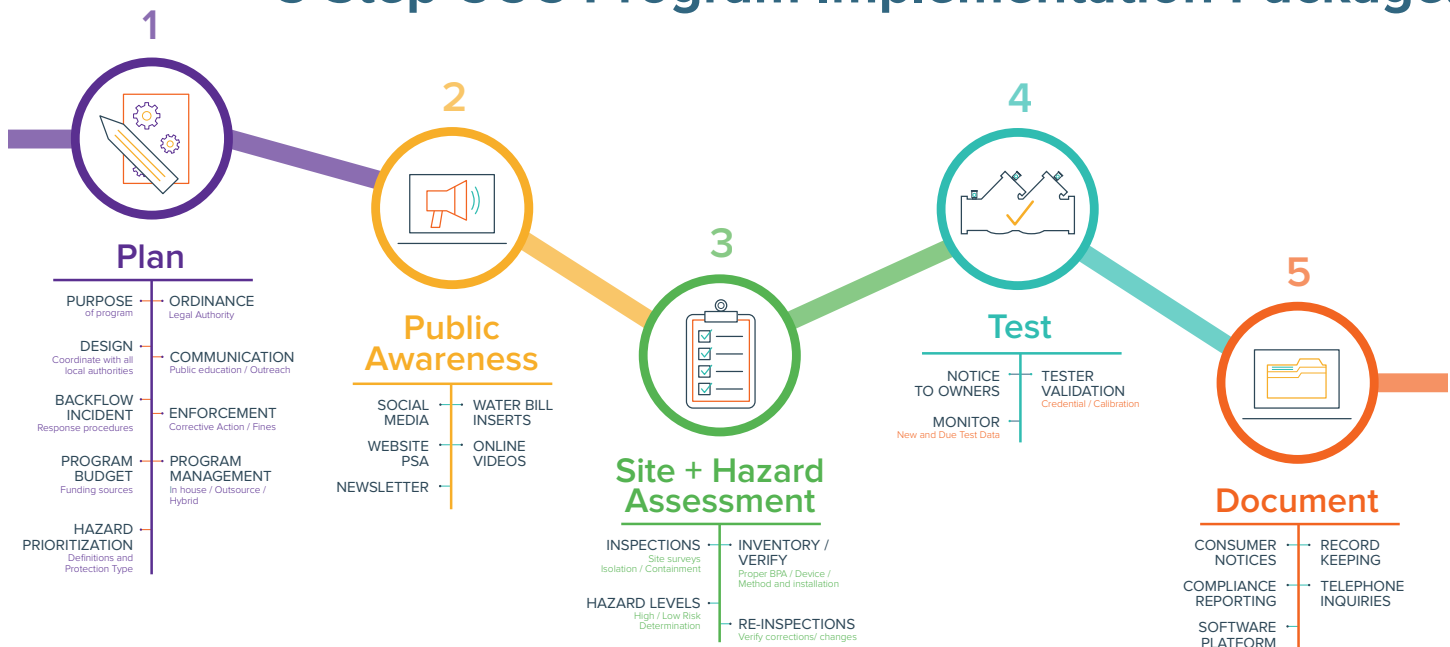
The mission of the Delaware Rural Water Association (DRWA) is to improve the quality of utility services for rural Delaware, while protecting our natural resources. DRWA has provided training and technical assistance to municipalities for over 29 years and is fully equipped to provide specific Cross-Connection Control Training with associated ASSE Certifications and offer continuing education opportunities in Delaware.



In 2009, DRWA in association with HydroCorp, Inc. set out to promote the importance of preventing contamination/pollution of drinking water systems, through the implementation of cross-connection education and outreach.

Cross-Connection Control Program requirements and challenges can be addressed by easy-to-implement solutions offered by trusted DRWA Corporate Member HydroCorp. Established in 1983, HydroCorp manages cost effective Cross-Connection Control Programs for over 400 small, medium and large public water systems.

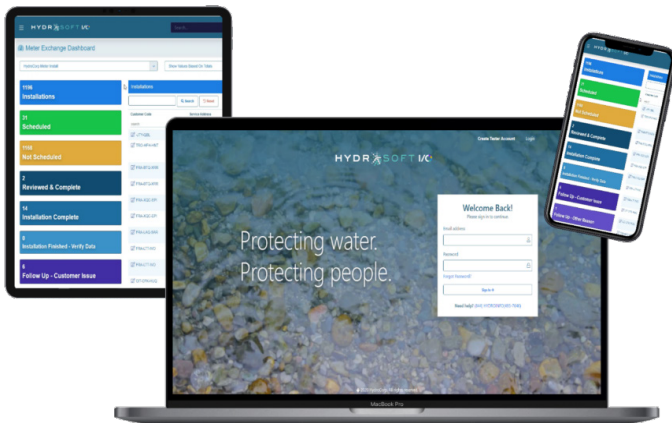
5 Step CCC Program Implementation Package:



HydroCorp can help. Cross-Connection Control Program Management is our specialty – we have been doing it for more than 37 years. Our programs keep in mind the expense for unfunded mandates and minimize costs to the water purveyor and water customers. We can design a streamlined, customizable Cross-Connection Control Program that incorporates:

HydroCorp Services:

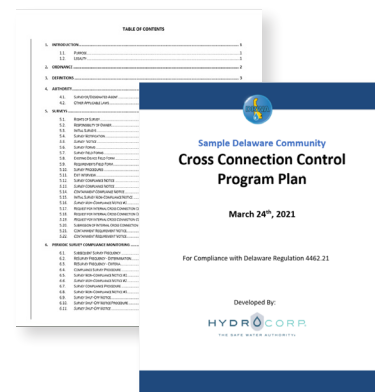
- Developing Cross-Connection Control Ordinance Language
- Determining Program Parameters Based On Your Specific Needs
- Developing Your Custom Cross-Connection Control Plan
- Implementing and Managing the Program Collaboratively
- Creating and Managing Public Awareness Information
- Backflow Prevention, Health Hazard Determination Survey – Identifying High Hazard Facilities
- Real-Time Monitoring and Tracking of Backflow Prevention Assembly Testing Compliance.



Powered By **HYDR**  **SOFT I/O**
The Smart Water Utility Software



DRWA Funding Assistance Available!



To Arrange a Free HydroCorp Consultation, visit: www.DRWACCCProgram.com

Delaware Cross-Connection Control Program Model:

Compliance Confidence via DRWA and HydroCorp

This model will incorporate all steps required to facilitate a comprehensive Cross-Connection Control (CCC) for a municipal or Public Water Supplier in the State of Delaware.



Step 1: To begin a backflow prevention program a Cross Connection Control (CCC) Plan must be developed

A draft Plan will be prepared by HydroCorp and presented to the water supplier/utility. HydroCorp will then coordinate, with the water supplier/utility contact, an on-line video conference for all parties involved with the Plan development. After receipt of all comments/modifications, HydroCorp will prepare a Final Draft for approval/acceptance by the Council/Board.



Step 2: Once the Plan is accepted and approved Implementation can begin

The initial phase of implementation is public education and communicating Cross-Connection Control responsibility of building owners. HydroCorp will provide printable digital Public Education Brochures specific to Cross-Connection Control and Backflow Prevention awareness, Cross-Connection Control awareness articles, written content and photos for social media use by a public water system. HydroCorp will provide a dedicated website with specific Frequently Asked Questions and Answers about Cross-Connection Control Program



Step 3: Facility/Service Connection Assessments for Potential Cross-Connection Hazards

Services Connections/Facilities must be physically Assessed/Inspected for existing containment backflow prevention information at the service line connection. Facilities with no approved service line backflow prevention shall require additional internal assessment to determine degree of hazard and potential corrective action.

The method and personnel that complete the inspection is identified within the Plan. It is anticipated that the Plan will require an individual who is certified by ASSE in CCC Surveying (offered by DRWA). This person would input inspection data directly into an on-line database management system (HydroSoft I/O) provided by HydroCorp.

The inspection would identify compliance with local requirements or corrective action. HydroSoft I/O will automatically send non-compliance notifications to assist customers with taking the necessary actions to bring about compliance. HydroCorp would track non-compliance locations and assist as necessary to assure compliance.



Step 4: Backflow Prevention Assembly Testing

All testable assemblies within the distribution system will be required to be tested annually as specified in the DE IPC (plumbing code). There are multiple methods to achieve this requirement. These options would be discussed and once decided, put into the Plan. As an example, the easiest method is to send a notice to the customer requiring them to hire a tester who has been certified by DRWA. This tester would enter the testing information into HydroSoft I/O



Step 5: Database Management

HydroSoft I/O will provide and maintain all the necessary information required to satisfy the Cross-Connection Control Program requirement of the State. Reports and any data are readily available.

Fees: The above model has been developed exclusively for the Delaware Rural Water Association by HydroCorp. The costs to implement the above model are minimal to the water supplier/utility. In many cases the Plan (Step 1 and step 2) would be paid for by the DRWA utilizing State funding. Steps 2 and 3 are paid by the individual customer. The inspection and testing would be coordinated and managed by HydroCorp. A small fee is collected from the water customer for an inspection or test when the inspector or tester inputs the customer data.