HYDROCORP®

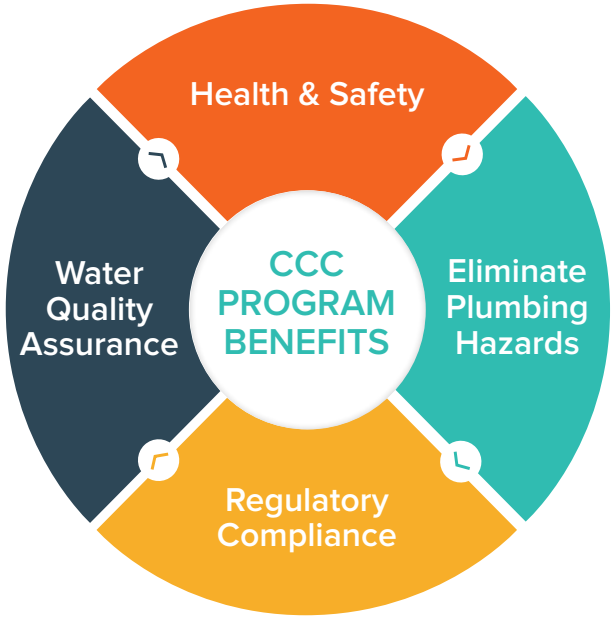
THE SAFE WATER AUTHORITY®

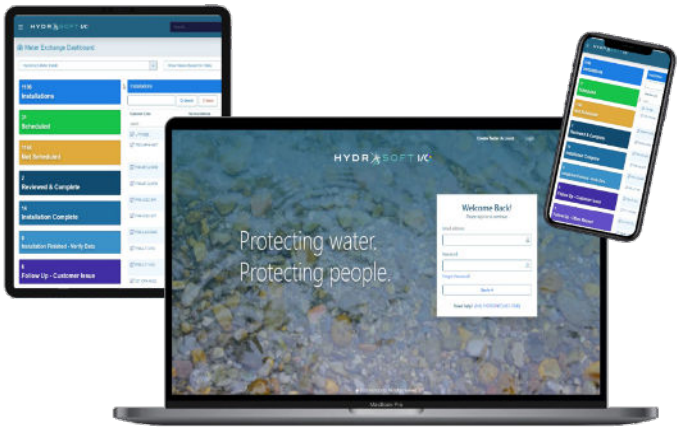
Solutions for Maryland

HydroCorp can help. Cross-Connection Control Program Management is our specialty – we have been doing it for more than 40 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:

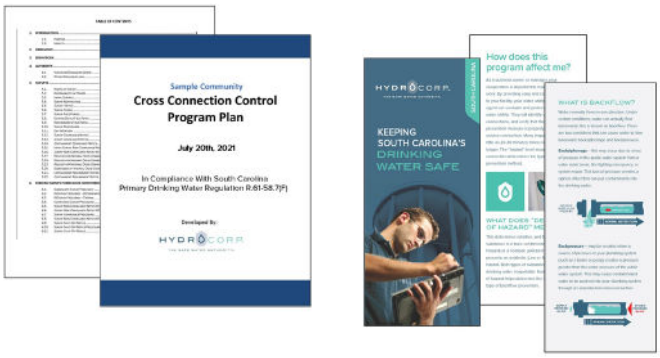
HydroCorp Services:

- Developing Local Cross-Connection Control Ordinance Language
- Developing Your Custom Cross-Connection Control Plan
- Implementing and Managing the Program Collaboratively with Water System Management Staff
- 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.





UNDETECTED, UNSAFE.



Contact Tina Moffitt at tmoffitt@hydrocorpinc.com or 540-907-5510

Maryland's Cross-Connection Control Program Model:

Compliance Confidence via HydroCorp

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

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 specified within the Plan. 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 SC 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 is certified in Maryland to test backflow preventer assemblies. This tester would enter the testing information into HydroSoft I/O.

Step 5: Database Management

HydroSoft I/O will Provide a secure, cloud based online portal for specialized management of the Cross-Connection Control Program activities. All data is exportable and remains sole property of the water system/utility. Accessible by Utility Staff with no additional fees.

Fees: The above model has been developed exclusively by HydroCorp. The costs to implement the above model are minimal to the water supplier/utility. 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.