

CROSS CONNECTON CONTROL AND BACKFLOW PREVENTION

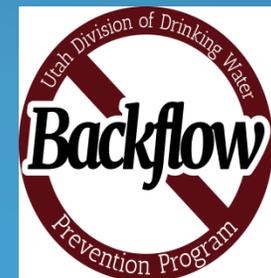
Starting and Maintaining a Program for your
Water System

APPLICABLE RULES AND REGULATIONS



DRINKING WATER

Gary Rager
Utah Division of Drinking Water
801-536-4498
grager@utah.gov



RULES, REGULATIONS, AND POLICIES

That apply to developing your Cross
Connection Control Program

RULES, REGULATIONS AND POLICIES

Agencies

- **Federal Level –**
 - Environmental Protection Agency (EPA)
- **Utah State Level –**
 - Utah Division of Drinking Water (DDW)
 - Utah Dept. of Professional Licensing – (DOPL)
- **Local Level**
 - Water Purveyors
 - Plumbing Inspectors



FEDERAL LEVEL

- **Safe Drinking Act –**
 - Federal Law to insure safe drinking water
 - Environmental Protection Agency (EPA)
 - Responsibility to provide safe clean drinking water to last free flowing tap, or point of protection.

STATE OF UTAH



- **Currently 2015 International Plumbing Code**
 - Section 608
 - Implemented and enforced by **Utah Department of Business Licensing (DOPL)**
 - Plumbing Code as Adopted by the State of Utah and the amendments to it.
 - Requirements for backflow prevention assemblies and devices to be properly installed, tested, and utilized.
 - Plumbing Officials and Health Dept. Officials



STATE OF UTAH

Current State of Utah Amendments to
the International Plumbing Code

Title 15A Chapter 3 Part 3



STATE OF UTAH

- **Utah Code 19-4-112(2d)**
 - There shall be no cross connection between the potable (drinking water system) and nonpotable (auxiliary water supply) systems
 - (auxiliary water examples: pressurized irrigation water, non-potable well water)

STATE OF UTAH

- **Utah Public Drinking Water Rules**
 - **R309-105 -12** - Water systems responsibilities in regards to Cross Connection Control
 - Implemented by **Division of Drinking Water (DDW)**
 - **Water Systems shall:**
 - Not allow unprotected cross connections
 - Follow guidelines of Utah adopted Plumbing Code
 - Requirements for trained staff.
 - Must have a functioning Cross Connection Control Program
 - Five Elements
 - Documentation of all backflow assemblies
 - Backflow assembly installation and testing requirements
 - Not allow any cross connections with pressurized irrigation systems



STATE OF UTAH

- **Utah Public Drinking Water Rules**
 - **R309-305- Cross Connection Control Program Certifications**
 - Implemented by **Utah Division of Drinking Water (DDW)**
 - Certifications and Training
 - CCC Program Administrator
 - Backflow Assembly Tester
 - Responsibilities and conduct



STATE OF UTAH

- **Cross Connection Control Program of Utah – Policy – Division of Drinking Water (DDW)**
 - A **guidance** document to assist public drinking water systems in the operation of their Cross Connections control programs
 - Design
 - Implementation
 - Enforcement



LOCAL LEVEL

- Water Systems and Private Water Companies That Qualify as a Utah Public Drinking Water System
 - REQUIRED to have a Cross Connection Ordinance or Policy in place
 - Suggested that they have a standard operation procedure or plan
 - Enforce the Federal and State level requirements