

## Cross Connection Control Plan Implementation

### 1. Recommended Program Type: Premises Containment Only Via Reduced Pressure Principal Device

This is the best fit for Durham Irrigation District (small system, part-time manager).

#### Why Containment?

- Matches the District’s existing Section 14 Policy exactly: Approved backflow devices are installed **on the service line to the parcel** (at the meter or acceptable alternate location) for any improved parcel with risk (fire sprinklers, greywater/wastewater pumps, auxiliary supplies, etc.).
- Lowest administrative burden: The District only tracks **premises containment assemblies** (one device per qualifying service). No routine internal plumbing surveys or fixture-by-fixture tracking.
- Fewer devices overall to install, test, and maintain compared with combination or isolation programs.
- Proven for small systems like the District — reduces workload while still protecting the public supply.

### 2. Cost Recovery – Customer Pays 100% (Per Existing Policy)

The District’s 2022 Policy already states:

- The District installs/tests devices **at the owner’s sole cost and expense**.
- Annual testing: Customer may hire their own certified tester (proof due June 1) **or** the District performs it and bills the landowner (cost + repair/replacement + administrative fee per Appendix A).
- New backflow installations and hazard assessments: Same customer-pay rule.
- Immediate hazards: Service termination at owner expense.

#### Proposed Implementation:

- Customer has Districts operators or other contractors of equal certification and licensing perform all hazard assessments, installations, tests, and repairs. Customer provides records to the District for record keeping.
- Customer is billed directly (or added to water bill) at the following rates:
  - **Annual backflow testing:** \$50 per test
  - **Cleaning and Re-Test:** \$25 per test

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- **Repairs:** \$100 per hour excluding costs for parts
- **Installation:** Billed at current plumbing trade-work rates (device cost passed through)
- **On Site Hazard Assessments:** \$125 per hour

### **3. Implementation Steps**

1. The District develops simple written CCCP document incorporating the District's existing Section 14 + policy decisions (type, coordination, customer relationship, cost recovery, etc.).
2. Initial hazard assessment: Develop and use customer questionnaire + site visits only for high-risk parcels with no protection identified in Section 14(c) (fire sprinklers, pumps, etc.).
3. Install/test containment devices on qualifying services (customer pays).