



# RAIN CATCHMENT SOURCE SEASONAL START-UP INSPECTION FORM

The Revised Total Coliform Rule has specific requirements for owners of seasonal public water systems. Experience indicates that depressurizing and dewatering of seasonal water systems may allow contamination to enter and spread throughout the system. As a preventative public health measure, owners of seasonal water systems are required to inspect, clean and sanitize their system, as well as collect a total coliform sample that demonstrates the absence of total coliform prior to reopening and serving water to the public. **Failure to collect a clean sample or complete the start-up procedures prior to serving water to the public will incur a violation. This form must be submitted (or postmarked) to the department within 10 days of serving water to the public.**

Inspection and repair of the system should be planned well in advance of opening your system. It is important to leave yourself plenty of time for unanticipated repairs and sampling.

## PWS Information

PWS Name: \_\_\_\_\_ PWSID: \_\_\_\_\_

Date Total Coliform sample (TC negative) collected: \_\_\_\_\_

Date Start-up Procedure completed: \_\_\_\_\_

Date Open or Planned Opening Date (serving water to public): \_\_\_\_\_

## Cistern and Roof

- Check the roof and gutters, and remove any debris
- Check that asphaltic shingles or galvanized metals have not been added to the roof
- Check for and repair settling or cracking of the cistern foundation
- Check for and remove any tree limbs overhanging the roof
- Check that the cistern and its cover are light proof to minimize algal growth
- Check for sediment buildup at the cistern bottom, remove sediment and sanitize
- Check that the pump intake is clean and drawing water from above the cistern bottom
- Check that the cistern overflow pipe opening is screened and empties a minimum of two times the diameter of the pipe above the ground surface
- Check that the cistern access hatch is sealed and locked

## Pumps

- Check that the electrical wiring is properly installed and protected
- Check the pump for excessive vibration, noise, leaks or overheating

## Pressure Tanks

- Check the pressure relief valve and verify it is working properly
- Check to ensure the hydronic tank air charge is at the correct pressure
- Check that pressure controls work properly and are set to maintain at least 20 psi

## Water Storage Tank(s)

System does not have water storage tanks (if checked, skip to next section)

- Inspect, clean and sanitize your storage tank(s)
- Check that the tanks are structurally sound and without cracks or holes
- Check that overflow and drain lines are properly screened or covered, and the lines terminate a minimum of two times the diameter of the water outlet pipe above the ground
- Check that the access hatch is sealed and locked

## Chlorination

- Check that the chlorine was replaced with a fresh supply
- Check that the chlorine residual test kit is working and that reagents are not expired
- Check the chlorinator pump and tubing for damage, corrosion and leaks
- Check and inspect the chemical feed pump to verify it is working properly

