

**DUBLIN SAN RAMON SERVICES DISTRICT  
GUIDELINES FOR PERFORMING ZERO PRESSURE TESTS  
ON WATER AND RECYCLED WATER SYSTEMS**

The following guidelines are to assist you in preparation for the performance of a zero pressure test on your potable water and recycled water facilities. The purpose of the test is to ensure that neither system is cross-connected. The test must be performed in the presence of district representative who is certified by American Water Works Association as a Cross Connection Control Program Specialist. This test is required prior to approval of your recycled water system by the California Department of Health Services (DHS).

The test requires the complete depressurization of the water and recycled water systems for as long as 3 hours per system. This will require you to ensure that any on site facilities such as boilers, coolers and restroom facilities, are secured so as not to be damaged by the lack of water pressure. The District will assume no liability for damages as a result of the testing. Note: Requests for testing outside of normal business hours, Monday through Friday, will require a request at least 2 weeks in advance of the desired date.

**To facilitate the length of time needed for the test to be performed, please have the potable (drinking) water system depressurized prior to the arrival of the inspector. Please note that this may take several hours if your facility is multiple stories, buildings and/or is large in area.**

Internal plumbing drawings and landscape piping plans are to be available during the testing. Also, facility and landscape maintenance personnel, who can operate the various systems must be available at the time of the test.

The testing sequence will proceed as follows:

1. Inspector will arrive and confirm that needed personnel are on site with plans of the facilities.
2. Inspector will confirm that recycled water system is pressurized.
3. Inspector will proceed with site personnel through the building/s to confirm that there is no water pressure at all outlets within the buildings.
4. Once zero pressure on all outlets has been confirmed within the building/s, the inspector will instruct the on site personnel to re-pressurize the potable water system and simultaneously depressurize the recycled irrigation systems.
5. Once pressure is reinstated and confirmed within the building/s, the inspector will proceed with on site personnel to the irrigation system and test all stations, quick couplers and other outlets to ensure that there is no pressure on the irrigation system.
6. Once zero pressure is confirmed on all outlets on the irrigation system, the inspector will conclude the test and the on site personnel will be directed to re-pressurize the irrigation system.

7. If all systems check out, the inspector will note that the cross connection test is complete and system is clear for operation.

In the event that appropriate personnel and/or drawings are not available at the time of the test, the inspector may terminate the test and request that you reschedule at a future date. You will be responsible for all district personnel costs beyond the initial test request.

**NOTE: In the event that it has been determined that a cross connection between the recycled and potable water systems exists, the test will immediately be terminated and both systems depressurized. You will be directed to immediately notify all personnel on site at the time and place "DO NOT DRINK WATER" notifications on all potable water outlets. The inspector is obligated to notify the Department of Health Services immediately. You will be directed to locate and repair the cross connection and proceed with the potable water system disinfection as outlined in your Recycled Water Use Guidelines.**