

PREPARING YOUR IRRIGATION SYSTEM

Because reclaimed water is different from drinking water, there are special regulations for using reclaimed water. In addition to the applicable local and State regulations, all sites with reclaimed water service must meet the following requirements:

Existing Irrigation Systems /Replacement Components

1. No irrigation hose bibs.
2. Conceptual plans of irrigation kept onsite.
3. Existing systems are not required to replace the irrigation system piping with impregnated purple pipe except when an existing irrigation system is expanded, repaired, or modified.
4. All existing reclaimed water irrigation system piping that is not identified and is exposed for any reason must be wrapped with purple identification tape or replaced with impregnated purple pipe.
5. Existing systems are not required to replace control boxes on irrigation systems; however, control boxes must be painted purple and identified with a reclaimed identification tag (available from Tucson Water). Single family residential boxes are not required to have identification tags.
6. All replacement control boxes must be made of impregnated purple material.
7. All existing and replacement control valves must be marked with a reclaimed identification tag (available from Tucson Water).

New Irrigation Systems →

New Irrigation Systems

1. No irrigation hose bibs.
2. Conceptual plans of irrigation kept onsite.
3. All new reclaimed water irrigation systems are required to use impregnated purple pipe.
4. All new control boxes must be made of impregnated purple material.
5. All new control valves must be marked with a reclaimed identification tag (available from Tucson Water).



Additional Information:
www.tucsonaz.gov/water/reclaimed_water.htm

Questions?

New Services: 791-5164
Monday thru Friday: 8 AM - 4PM

Reclaimed Water/Backflow Prevention Section: 791-2650
Monday thru Friday: 8 AM - 4PM

Visit our website: tucsonaz.gov
City of Tucson TTY# 791-2639

Si usted desea este documento escrito en español, por favor llame al 791-4331.



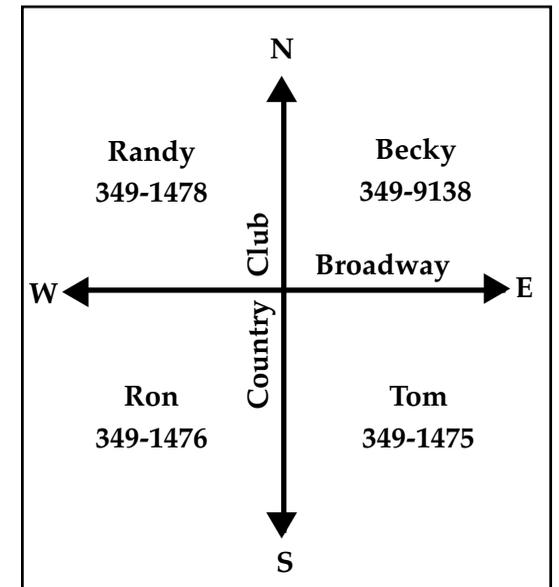
How Do I Sign Up For Reclaimed Water Service



HOW DO I SIGN UP

FOR RECLAIMED WATER SERVICE?

The 9-step process starts with a phone call to your Reclaimed Water/Backflow Prevention Inspector (Inspector). The Inspector will make sure your site is able to receive reclaimed water and guide you through the process. Look at the map below to find the Inspector for your area.





1 CONTACT THE RECLAIMED WATER/BACKFLOW PREVENTION INSPECTOR

Contact the Inspector in your area (see map) before you apply for reclaimed water service or begin preparing your site. S/He will guide you through the process and help assure that reclaimed water is available at your site when you are ready.

2 APPLICATION FOR RECLAIMED WATER SERVICE

Sign up for reclaimed water service at the New Services counter of Tucson Water, located at 310 W. Alameda. There is metered parking underneath our building.

At the New Services counter, you will be asked to complete an application for reclaimed water service. This application includes basic information such as the property address, how reclaimed water will be used, and an estimate of how much reclaimed water use is anticipated annually.

3 RECLAIMED WATER USER AGREEMENT

You will also be asked to sign a Reclaimed Water User Agreement. This agreement is a contract between the reclaimed water customer and Tucson Water. The Agreement describes the rules and responsibilities of the reclaimed water customer.

4 RECLAIMED WATER METER

A Tucson Water staff person will assist you in determining the size meter you need and the location of the meter. The price of the meter is based on the size. You are required to pay for the meter before an installation date is scheduled. Because meters are installed on a first come, first served basis, you may have to wait several weeks for your meter to be installed.

5 BACKFLOW INSTALLATION PERMIT

All sites having reclaimed water service must have a backflow prevention assembly installed on the potable service(s). This assembly protects the drinking water supply in the event there is a cross-connection between the reclaimed and drinking water systems. A Backflow Installation Permit is required prior to installation of the assembly. This permit is obtained at the New Services Counter.

6 INSTALLATION OF BACKFLOW PREVENTION ASSEMBLY

Assemblies are usually installed by licensed plumbing contractors, although homeowners may install their own. The Inspector will inspect the initial installation of the assembly. Annually, the assembly must be tested by a certified backflow tester. Testers are listed in the Yellow Pages under Plumbing or Backflow Prevention.

The installation of a backflow prevention assembly may necessitate the installation of thermal expansion protection to protect internal plumbing from pressure damage. A qualified plumber can determine if your site needs thermal protection.

7 SITE INSPECTION

The Inspector will inspect the site to insure that it conforms with all Reuse Rules. The Inspector will check for proper sign placement. S/He will also check the site for ponding, overspray, and runoff.

8 DYE TEST

This dye test is conducted after the reclaimed meter and backflow prevention assembly installation. Dye is added to the irrigation system on the customer's side of the new reclaimed water meter. At this time, the irrigation system is not connected to the reclaimed water meter. Drinking water is used to conduct the test. The Inspector will turn on each drinking water faucet. If there is dye in the water, this indicates a cross-connection. All cross-connections must be eliminated prior to the initiation of reclaimed water service.

9 SERVICE BEGINS

When the Inspector approves the site, s/he will unlock the reclaimed water meter and the customer may connect the irrigation system to the reclaimed water meter.

RECLAIMED WATER SERVICE PROCESS

NEW SERVICES COUNTER • 310 W. ALAMEDA, 1ST FLOOR →

→ SITE OF NEW RECLAIMED WATER SERVICE

