

Redwood City

# Recycled Water Fill Station Program

Public Works Services – Water Resources Management  
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## 1 RECYCLED WATER FILL STATION PURPOSE

The Redwood City Recycled Water Fill Station Program provides a sustainable and drought-resistant supply of water to Redwood City residents and commercial customers for variety of uses. Utilizing recycled water significantly reduces demands on the potable water supply, conserving this valuable resource.

Recycled water is produced from wastewater that undergoes a high level of additional treatment, including disinfection, transforming it to a quality approved for the uses noted below. In this set of Guidelines, “Recycled Water” as defined by the Division of Drinking Water (DDW) of the State Water Resources Control Board (SWRCB) is disinfected tertiary recycled water.

Consistent with Redwood City User Guideline for Recycled Water Use, Redwood City’s recycled water is of the quality approved by the DDW for uses listed below.

Use	Permanent Recycled Water Connection*	Commercial Fill Station	Residential Fill Station
Landscape Irrigation	Approved	Approved	Approved
Car Washing	Approved	Conditional**	<b>Not Approved</b>
Flushing Toilets and Urinals	Approved	<b>Not Approved</b>	<b>Not Approved</b>
Construction	Approved	Approved	<b>Not Approved</b>
Water Features [Fountains, running streams, etc.]	Approved	Approved	Approved
Dust Control [Street, sidewalks, walkways]	Approved	Conditional**	<b>Not Approved</b>
Wash-Down	Approved	Conditional**	Conditional**
Backfill Consolidation	Approved	Approved	<b>Not Approved</b>
Soil Compaction	Approved	Approved	<b>Not Approved</b>
Commercial Laundry	Approved	<b>Not Approved</b>	<b>Not Approved</b>
Mixing Concrete***	Approved	Conditional**	<b>Not Approved</b>
Window Washing	Approved	Conditional**	<b>Not Approved</b>
Fire Fighting	Approved	<b>Not Approved</b>	<b>Not Approved</b>

\* Refer to Redwood City Recycled Water User Guidelines for more information on each use.

\*\* Use conditions are available in Appendix C of the Redwood City Recycled Water User Guidelines

\*\*\*Under Section 60307(b), Article 3, Title 22, California Code of Regulations (CCR), using tertiary treated recycled water for mixing concrete is specifically mentioned as an approved use. However, the recycled water produced by the City has not been certified as complying with NSF International/American National Standard Institute (NSF/ANSI) 61 standards, in accordance with Section 64591, Chapter 16, Title 22, CCR. As a result, the use of recycled water for mixing concrete is an acceptable use to the DDW, provided it is not used for making concrete for drinking water reservoirs or any drinking water-related purpose that will result in its contact with the drinking water.

## 2 EXECUTIVE SUMMARY

The goal of this program is to provide Redwood City residents and commercial customers with a sustainable and drought-resistant supply of water while ensuring that they are well informed of the requirement for handling and use of recycled water.

A pipeline to Public Works is planned for construction as part of Phase-II expansion of the recycled water system into Central Redwood City in the near future. The City will be utilizing a portable water tank located at Public Works Corp Yard (1400 Broadway) until the pipeline is constructed.

### 3 PROGRAM OVERVIEW

Prior to signing-up to receive recycled water, residents and commercial customers will have to adhere to the following procedure (details are available in section 4):

- a. Application Process
- b. Training Program
- c. Approval Process

Please refer to the Redwood City User Guideline for Recycled Water Use for additional information regarding handling and use of recycled water.

### 4 PROCEDURE

Application packets for residential and commercial customers are available online at [www.redwoodcity.org/recycledwater](http://www.redwoodcity.org/recycledwater); residents and commercial customers can also pick up a hardcopy packet at the Public Works office on 1400 Broadway Street during business hours.

#### **Residential Recycled Water Fill Station Procedure**

Application Packet for residential customers consists of an application, agreement form, and fill station instructions.

1. Complete the application packet and bring it to the Residential Fill Station location at the Public Works Corp Yard at 1400 Broadway Street during business hours.
2. Public Works will provide required training in the proper use of recycled water and filling procedures.
3. After training is completed, Public Works will provide you with the following:
  - A wallet card,
  - Stickers for approved containers, and
  - Answer any questions you may have.
4. Residents are required to:
  - Bring their wallet card and approved containers
  - Complete the residential fill station log after each filling.
    - Required information includes: name, date, service address and amount collected)

Note:

- The wallet card cannot be shared with others.
- Approved containers must have recycled water stickers.
- All users must receive training to ensure that they are informed of recycled water use requirements.

#### **Commercial Recycled Water Fill Station Procedure**

Application packet for commercial customers consists of commercial recycled water use permit, purple meter application, and fill station instructions.

1. Commercial customers interested in obtaining recycled water must apply for a construction meter at City Hall, Revenue Services counter, or call 650-780-7210.
  - Additional question regarding purple meter use shall be directed to Public Works 650-780-7464.

2. Once application process at City Hall is completed, commercial customers must go to Public Works Corp Yard – Meter Shop to complete the recycled water use permit packet and obtain a purple meter.
3. Once a permit is approved:
  - A recycled water use Site Supervisor will be assigned for each purple meter.
  - The site supervisor must attend training and is responsible to ensure safe handling and use of recycled water.
4. Purple meter will be provided only after training has been completed.
5. Commercial customer must complete the commercial recycled water release form and provide a copy to Public Works – Meter Shop monthly by the 25<sup>th</sup> of each month.

## **5 RECORDS**

The City will keep track and will include the following information in the monthly Recycled Water report:

- a. Enrollment
- b. Usage type
- c. Training records
- d. Recycled water volume/ consumption

## **6 ATTACHMENTS**

Coming Soon