



On the corner of Campania Avenue and Camino San Thomas at
10249 Camino San Thomas
San Diego, CA 92127

Residential Recycled Water Fill Station

Program Training

San Diego Region



1966 Olivenhain Road, Encinitas, CA 92024 • 760-753-6466 • www.olivenhain.com

OMWD Residential Recycled Water Fill Station Program



What is Recycled Water?

It is wastewater that has received extensive treatment so it can be used for many non-potable uses such as landscape irrigation, surface washing, dust control, food crop irrigation, decorative fountains, toilet flushing, and much more.






Recycled Water at OMWD

OMWD serves approximately two million gallons of recycled water every day.

OMWD currently collects wastewater from the 4S Ranch and Rancho Cielo areas, which enters the recycling process at the 4S Ranch Water Reclamation Facility.

The facility produces approximately one million gallons of recycled water per day which is delivered to irrigation customers in the southeastern portion of OMWD's service area for use at HOA common areas, schools, parks, streetscapes, and golf courses.

OMWD supplements the recycled water it produces with recycled water purchased from Rancho Santa Fe Community Services District and the City of San Diego. OMWD also purchases recycled water from Vallecitos Water District and the San Elijo Joint Powers Authority to serve customers in portions of Encinitas and Carlsbad.



Constituents in Recycled Water vs. Potable Water

COMPOUNDS (Unit)	RECYCLED WATER	POTABLE WATER
Nitrate as N (mg/L)	5.50	ND
Nitrite as N (mg/L)	ND	ND
Ammonia as N (mg/L)	0.25	0.61
Chloride (mg/L)	200	79
Boron (mg/L)	0.3	0.13
Potassium (mg/L)	25.0	4.3
Sodium (mg/L)	170.0	77
Total Coliform Bacteria (MPN) *	< 2.0	ND

Note: Recycled water quality may not be suitable for all plant types.

It is the user's responsibility to determine if the quality is acceptable for their use

*MPN = Most Probable Number

ND = Not Detectable



Recycled water is NOT suitable for?

- Drinking
- Cooking
- Bathing or showering
- Filling swimming pools or spas
- Children's water toys
- Plumbing it to the household domestic system
- Discharging to the street gutter or storm drain system

When Using Recycled Water

- **DO NOT** play with or drink recycled water
- **DO NOT** spray recycled water onto potable water fixtures or food handling areas or on people
- **DO NOT** discharge recycled water to the gutter or storm drain.
- If you must dispose of recycled water, either discharge it to a landscape area or to the sanitary sewer via an onsite cleanout



Health and Safety Guidelines

- After recycled water use:
 - Use hand sanitizer; or
 - Wash hands with soap and potable water
- May use recycled water to water vegetable and fruit bearing plants
 - Wash vegetables/fruits with potable water prior to cooking or consuming
- For cuts or abrasions:
 - Promptly wash with potable water
 - Disinfect and bandage
- All equipment (hoses, spray nozzles, containers, etc.) that comes into contact with recycled water shall be:
 - Dedicated for use only with recycled water
 - Equipment shall not be re-connected to a potable water system unless it has been disinfected with bleach and potable water



Residential Recycled Water Container Guidelines

- How much recycled water can I pickup at one time?
 - 300 gallons max
- Consider your vehicle's maximum load capacity
 - Water weighs 8.345 lbs/gallon
 - 100 gallons = 834 pounds
- Containers must have water-tight lids & shall not leak
- Secure container(s) for safe transport
- Containers shall not be used to carry potable water





Procedures for Pick-up of Recycled Water

1. Must submit the use agreement form
2. Receive training & obtain training identification card
3. OMWD customers can authorize a designee to pick up water but those individuals must receive and pass training
4. Place stickers on ALL recycled water transport and storage containers
5. You may only collect recycled water during Residential Fill Station “open” hours

While Collecting Recycled Water

- Complete log sheet prior to leaving with the recycled water
- Please have kids 12 and under and pets stay in vehicle while onsite
- Wait patiently in line if fill station is busy




Example Container Label





Using Your Plumbed Landscape Irrigation System to Distribute Recycled Water

- Plumbing your recycled water to your landscape irrigation system or storage in on-site ponds is **prohibited!**
- Do not install any piping for recycled water without contacting OMWD
- Customers that install piping systems without prior approval will have their right to use recycled water revoked

A person wearing a black t-shirt and blue jeans is watering plants with a red hose and a green showerhead. The water is spraying out of the showerhead onto a large green fern. The background shows a garden with various plants and a concrete pillar.

**Contact Information:
John Onkka
Water Reclamation
Facilities Supervisor**

jonkka@olivenhain.com