WATER CONSERVATION

How to save water during the historical California drought.



home water conservation

HOW TO BE WATER-WISE AT HOME

I skip the bath and take a shower.

Limit showers to 5 minutes and turn off the water between rinses. Also, try installing a low-flow showerhead.

2 Reuse the water you use.

Limit showers to 5 minutes and turn off the water between rinses. Also, try installing a low-flow showerhead.

3 Wash only full loads.

Only run your dishwasher and washing machine when you have a full load.

4 Use a pool cover.

During summer do your pool levels dip? Cover your pool to prevent evaporation and save from refilling California is in the middle of a historic drought. On February 1, 2022, Phase III of Glendale's Mandatory Water Conservation began. So, we're sharing simple tips to help you save water and create a water-wise home.

5 Check for leaks.

Small drips from sinks, faucets, and showers quickly add up. To check if your toilet is leaking, put a few drops of food coloring in the tank and wait 30 minutes. If the color seeps into the bowl, you have a leak.

For more water-wise tips, visit:

·GWP's Water Saving tips

·BeWaterWise.com

•The Metropolitan Water District of Southern California

·SaveOurWater.com

Rebates for Home Water Savings:

·<u>High Efficiency Clothes Washers</u> to save water and energy!

•<u>Premium High-Efficiency Toilets</u> to reduce the amount of water per flush.

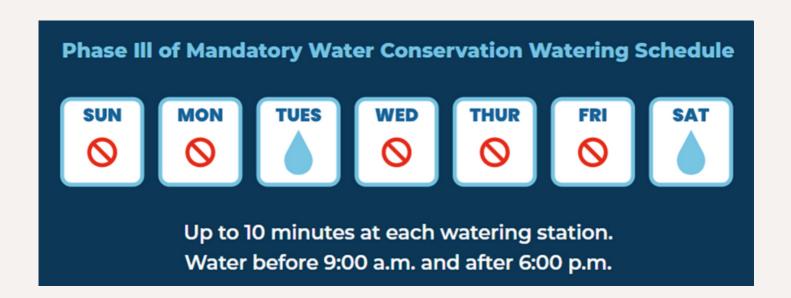
•Flow Monitor Devices to monitor your home's water use and help detect leaks.





TIPS FOR A BEAUTIFUL DROUGHT FRIENDLY GARDEN

With the Mandatory Water Conservation Ordinance in place, Glendale residents are limited to outside watering on Tuesdays and Saturdays for only 10 minutes at each watering station.



Just because there are water restrictions doesn't mean you can't have a flourishing garden! Here are some water-wise gardening tips for a sustainable, beautiful garden.





1 <u>Update your watering</u> system.

Check that your sprinklers aren't overwater or missing your plants. Even better, try drip irrigation, hand watering, bubblers, or olla water pots to use even less water!

Plant native California plants.

They're naturally drought tolerant, support local ecosystems, and create beautiful, unique gardens. Not to mention, they attract and support native pollinators, like bees and butterflies.

3 Practice regenerative garden methods.

It can be ditching chemical fertilizers, using compost, leaving grass clippings to return to the soil, mulching, and not tilling the earth. It helps restore soil health which can hold more water!

4 Fix ALL leaks promptly!

Every drop counts, and even small leaks can be water wasters, especially in a garden or yard.

5 Invest in a Greywater System.

The water from your washing machine and showers could be redirected from the sewer system to watering your garden!
Glendale's Laundry to Landscape Greywater System Program provides a rebate to set up a greywater system with your washing machine.

For more gardening tips:

- Check out GWP's <u>Water Wise</u> <u>Gardening</u> Website.
- Find how much water your yard and needs with the <u>Water Calculator</u>.

Water Wise Garden Rebates:

- <u>Turf Replacement</u> program for drought tolerant landscaping.
- GWP's <u>Laundry to Landscape</u>
 <u>Greywater System Program</u> to get your greywater system up and running.
- Rain Barrels and Cisterns for collecting and reusing rainwater.
- <u>Rotating Sprinkler Nozzles</u> for a more efficient sprinkler system.
- Soil Moisture Sensor Systems and Weather-based Irrigation Controllers to know when and how much to water.



Drought Tolerant Native Plants



Southern California is home to many beautiful florae, from the bright California Poppy to the beautiful Howard McMinn Manzanita, the flowering Desert Willow, and many others. There are also many edible native plants like White Sage, Wild hyacinth, and Prickly Pear.

The best part is that native plants are easy to maintain, drought tolerant, nurture pollinators, require little to no fertilizing, and have fewer pests.

Check out some of these native plants for your beautiful drought-tolerant garden.



California Poppy

California Poppy (eschscholzia californica), the California State Flower is a fast grower and does well in full and half sun.

Elegant Clarkia

Elegant clarkia (clarkia unguiculata) is an annual wildflower with pink and red flowers. It does well in full shade to part sun.





Blue Mountain Lilac

Blue Mountain Lilac (ceanothus thyrsiflorus 'Skylark') is a small growing shrub with blue flower clusters that makes for beautiful ground cover.



Toyon

Toyon (heteromeles arbutifolia) is an evergreen shrub with small, white, fragrant flowers followed by a cluster of edible red winter berries.



Manzanita 'Emerald Carpet'

Manzanita 'Emerald Carpet' (arctostaphylos) is an evergreen groundcover that's tolerant to relatively adverse soil conditions.



Desert Willow

Desert Willow (chilopsis linearis) is an open and airy small tree with pink to lavender, fragrant flowers from spring to fall.





Howard McMinn Manzanita

Howard McMinn Manzanita (arctostaphylos den. 'Howard McMinn') is appreciated for its decorative characters with small, pale, pink urn-shaped flowers.

For more on building a native garden, check out:

- <u>BeWaterWise.com</u> for Native Plant Profiles for each county.
- To find the perfect native plants for your garden, try the <u>Calscape Garden</u> <u>Planner</u>.
- <u>Theodore Payne Foundation</u> and <u>Plant</u>
 <u>Material</u> for native plants
- Arroyos & Foothill Conservancy for information and events.
- Your local community garden to meet fellow native plant gardeners.



Sugar Bush

Sugar Bush (rhus ovata) is a dense, evergreen shrub with creamy flowers in spring that turn into small red edible fruit.







Share Your Water Wise Tips!

We can all help with water conservation. Every drop truly counts! We would love to hear your water-wise conservation tips.

Do you have a hack for reusing water?
Perhaps you know how to save water while cooking? Maybe you found ways to use less water in the shower?

Share your water-wise tips on social media by using #WaterWiseGlendale or tagging us on Instagram @GlendaleSustainability.

We'll collect your tips and share them on Instagram and in the newsletter.



Customers can anonymously report water waste by calling GWP's water waster hotline at (818) 550-4426 or submitting an online form at www.GlendaleCA.gov/ReportWaterWaste.



HOW OTHER COUNTRIES HANDLE DROUGHT

Water policy, infrastructure, and technology innovations are important for building a water-wise and drought-resilient California. As we search for new ideas and inspiration, we're highlighting 3 countries with innovative water management and drought resiliency.

ISRAEL

Two third's of Israel's land surface is desert, and the remainder is arid. Yet, the country found a way to manage its water supply while maintaining a thriving agricultural industry.

The country has constantly invested in infrastructure innovation. For instance, Israel developed an efficient drip irrigation system that uses up to 75% less water than other traditional techniques. Israel's national water utility company, Mekorot, has a highly efficient water distribution system that registers only a 3% water loss compared to 15% in most developed countries. As for recycling water, Israel treats 93% of its wastewater, and 86% of sewage water is reused for agricultural purposes.







AUSTRALIA

Australia is no stranger to drought with vast arid landscapes. However, Australians use only a quarter of the water used by the average Californian!

Australia experienced The Millennium Drought that led to fundamental reforms, such as expansion of water markets, and regional innovations. Perth, in Western Australia, replenishes its groundwater aquifers by pumping 10% of its treated wastewater into shallow aquifers. In Murrurundi, New South Wales, 10 hydro panels extract enough moisture from the air to supply a school with 1,500 liters of water a month. Now, more than a quarter of Australian homes collect and store rainwater for domestic use.





NAMIBIA

Most countries and cities clean wastewater and sewage into non-potable recycled water for purposes like irrigation. However, Windhoek, Namibia, has been recycling sewage water into drinking water for over 50 years.



The Goreangab water treatment plant uses bacteria to digest human waste and pull it out of the water. Essentially mimicking nature but at a much faster rate. At Goreangab, after the sewage is cleaned to the point most cities would pump it into a river or sea, it's further purified with ozone and activated carbon.



REFERENCES:

- "17 Countries, Home to One-Quarter of the World's Population, Face Extremely High Water Stress." World Resources Institute.
- "Recycling sewage into drinking water is no big deal. They've been doing it in Namibia for 50 years." The World.
- "What southern Africa can learn from other countries about adapting to drought." The Conversation.
- "<u>Make Every Drop County: How Australia is Securing its Water Future</u>." National Geographic.
- "<u>How Israel became a world leader in agriculture and water.</u>" Tony Blair Institute for Global Change.



Interesting Read



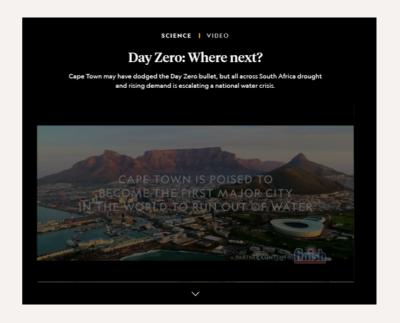
FROM THE SUSTAINABILITY OFFICE

What would you do if California ran out of water? How would you handle "Day Zero"?

In 2018, Cape Town, South Africa, came precariously close to turning off the taps. However, major water conservation efforts by individuals, communities, and organizations averted Day Zero until rains finally came to help replenish water sources.

Unfortunately, Cape Town's situation isn't unique to South Africa. Drought and rising-demand water is all too common throughout South Africa. Check out the National Geographic article to learn more about the drought crisis in South Africa and lessons we can apply in California.







City of Glendale

Sustainability Intern

Paid (negotiable rate)
10 - 20 hours / week
6 - month duration (renewable)
Hybrid or remote work schedule

- Provide sustainability education and outreach to the community
- Develop new sustainability projects for City Hall
- Conduct sustainability-focused research

Apply by July 15 at 5PM PT

Send a resume, cover letter, and optional portfolio to: sustainability@glendaleca.gov



Join the Office of Sustainability and foster a move livable, sustainable, and equitable Glendale!

For the full job description check out <u>LinkedIn</u>. Questions? Email <u>sustainability@glendaleca.gov</u>.

WE'RE LAUNCHING A PODCAST!



The Office of Sustainability is looking to break into the podcasting game! We're working on a new podcast focused on sharing news and tips about Sustainability, so going green is easier. But, we need your help!

Help choose the new title of the podcast, and let us know what topics to cover. We may even dedicate an entire episode to your idea!

Simply fill out the survey below to vote on a podcast name and share your topic ideas for the Office of Sustainability podcast.







UPCOMING CITY MEETINGS

Find all agendas and documents are the Public Meeting Portal.

July 12, 2022

3:00 PM Successor Agency

6:00 PM City Council Meeting

8:00 PM Organization Meeting

July 13, 2022

3:00 PM Senior Services Committee Meeting

July 14, 2022

5:00 PM Design Review Board

July 18, 2022

2:30 PM Parks, Recreation & Community Services Commission Meeting

July 19, 2022

6:00 PM City Council Meeting

July 21, 2022

2:00 PM Arts and Culture

Commission

5:00 PM Historic Preservation

Commission

July 26, 2022

6:00 PM City Council Meeting

July 28, 2022

2:00 PM Audit Committee Meeting

5:00 PM Design Review Board

UPCOMING CITY EVENTS

Find upcoming City events at www.glendaleca.gov.











oend the morning working next to the Los Angeles River on the City of Glendale's Riverwalk. We no to help us remove invasive plants from the landscaped areas along the L.A. River. Please wear sturdy shoes, protective clothing, and bring sunscreen, sunglasses and a hat. We'll provide the tools and gloves. Families, individuals, clubs, and students needing community service hours are welcome. In case of rain, this event will be cancelled.

Please RSVP at glendaleca.gov/trails

For more information, call (818) 548-3795 or email Trails@glendaleca.gov

Para información en español, llame a (818) 548-2000 Հայերեն տեղեկությունների համար զանգահարել հետևյալ հեռախոսահամարով (818) 548-2000.

Please follow the current Health Officer Order concerning

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OPEN SPACE





DRIVING EDUCATION FOR TEENS AND THEIR PARENTS



In an effort to prepare young drivers to drive responsibly, the California Highway Patrol and the Glendale Police Department are offering new driver education classes for new drivers and their parents. Start Smart addresses topics such as safe driving practices, the rules of the road and new driver license requirements. Space is limited to 30 students and their parents. Sign up now @ SignUpGenius and search for:

Tuesday, July 12th 6:00 p.m. - 8:30 p.m.

Glendale PD 131 N. Isabel St. Glendale, CA 91206

Call 818-548-4015 with any questions











Friends of Shoseian Fundraiser - Japanese Souvenirs

Sunday, July 17, 2022 11:00 AM 3:00 PM Shoseian Teahouse 1601 West Mountain StreetGlendale, CA, 91202













What's in Season this July?



Apples

Asparagus



Basil



Cabbage





Celery

Chard



Cherries

Chili Peppers



Corn

Eggplant



Guava

Kale



Kohlrabi

Lettuce



Mushrooms





Peas

Peaches



Pineapples





Raspberries







Squash







Get in Contact:

City of Glendale: Office of Sustainability Sustainability@GlendaleCA.gov 818 548 4844

Access our Newsletter Archive here