

2020 Water Wise Guide

Are you water wise?

- Have you installed a Xeric landscape?
- Do you use less than your allocated water budget?
- Are you practicing responsible irrigation practices?
- Do you exemplify purposeful water-saving practices?

Would you like to be water wise? Look inside to learn more.



CENTENNIAL
WATER AND SANITATION DISTRICT

Upcoming Elections - May 5, 2020



CENTENNIAL
WATER AND SANITATION DISTRICT

Inclusion Election

What: Residents will be asked to vote whether to include all of the properties located in Highlands Ranch into the Centennial Water District.

More Info: centennialwater.org/inclusionelection

Polling Place: Hendrick Office Building
62 Plaza Dr., Highlands Ranch

Hours: 7 a.m. - 7 p.m.



Board of Directors Election

What: Three seats are up for election on the seven-member board.

More Info: highlandsranch.org/election

Polling Place: Hendrick Office Building
62 Plaza Dr., Highlands Ranch

Hours: 7 a.m. - 7 p.m.

Centennial Water & Sanitation District
Highlands Ranch Metro District
62 Plaza Drive
Highlands Ranch, CO 80129

PRSR STD
U.S. POSTAGE

PAID
Highlands Ranch, CO
Permit Number 433
CRRT WSS

Residential Customer

Help stop water waste

Centennial Water & Sanitation District is the water provider to Highlands Ranch. The following rules help to reduce water waste in our community, which in turn help sustain our water resources for future generations.

- **Outdoor irrigation is not allowed from 10 a.m. until 6 p.m., May 1 through Sept. 30.**
- Hand watering trees and shrubs is allowed anytime if a hose is held and equipped with a shut off device.
- Wasteful water practices are prohibited. This includes allowing excess water to flow into street gutters or neglecting to repair leaks.



To report an incident of water waste, call **303-791-0430**. To report an irrigation leak in parks or landscape along roads, call **303-634-8042**.

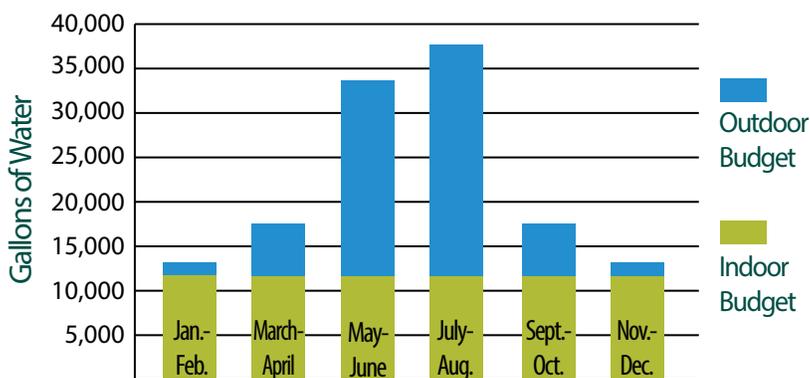
Benefits of water budgets

To encourage water conservation, Centennial Water implemented an innovative water budgeting concept for water customers. Each customer's water budget provides an allocation for indoor and outdoor use. The water budget for outdoor irrigation, based on individual lot size, provides enough water for healthy landscapes, but not so much that our resource is wasted. Water budgets do not change for weather conditions. Your water budget can be found on your bill.

Progressively higher tiered rates over the allotted budget serve to encourage conservation. However, customers will only be billed for water consumed, regardless of their water budget amount.

Typical Single Family Water Budget

Based on a 7,500 sq. ft. lot



Summertime Residential Water Rates

Per 1,000 gallons

Up to 100%	\$3.90
101% - 120%	\$5.25
121% - 140%	\$7.97
141% +	\$12.07

The residential water rate per 1,000 gallons is \$3.90. The graph above depicts the rates customers will pay when they exceed their allocated water budget during each billing period.

RULES & REGULATIONS

LIVE LIKE YOU LOVE IT - 14 Ways to Save Water Outdoors

from Colorado Water Wise



1. Water during cooler hours and avoid sprinkling on windy days.
2. If it has rained in the past few days, or will rain soon, don't water.
3. Don't water the sidewalk, rocks or road. They won't grow.
4. Aerate in the spring or fall to open up soil to absorb more moisture.
5. Don't waste water by spraying off a driveway or sidewalk. Use a broom instead.
6. Cut grass at least three inches in height to encourage deeper roots and better moisture retention. Never cut more than 1/3 of the grass blade.
7. The application of fertilizers increases the need for water. Apply fertilizers that contain slow-release, water-insoluble forms of nitrogen.
8. Mulch to retain moisture in the soil. Mulching also helps to control weeds that compete with plants for water.
9. Use efficient technology like drip irrigation, rotary spray nozzles and smart irrigation controllers.
10. Check sprinkler systems and timing devices to make sure they are working properly.
11. Xeriscape is based on a combination of seven common sense principles to save water while creating lush, beautiful landscapes.
12. Only apply as much water as the soil can absorb. Use the cycle and soak method - break watering times into three short cycles, allowing an hour of soak time in between.
13. By programming your automatic sprinkler system to fit the weather conditions, plants are watered by need, not by the clock.
14. Choose Plant Select plants that thrive in Rocky Mountain gardens.

Garden In A Box

Garden In A Box offers a simple approach to learn about and plant a water-wise garden. Regardless of your expertise, you can save water and beautify your landscape by purchasing a professionally designed, perennial garden that uses Xeric (low water) plants. When Xeric gardens replace existing turf, water savings are significant.

Garden In A Box is offered to Centennial Water customers through a partnership with Resource Central. For more information, or to order a Garden In A Box, visit resourcecentral.org/gardens or call 303-999-3820, ext. 222.



Sign up for Centennial Water's free, monthly eNewsletter at centennialwater.org.

WATER WISE INFORMATION

Don't set it and forget it

Water requirements change throughout the season and so should irrigation run times. Adjusting your controller throughout the year should become routine. The table to the right shows approximate daily run times for different types of sprinkler heads. For best results, water no more than three times per week. Water only as needed in April and October, and remember to turn off irrigation systems for the year the second week of October.

Read your water meter regularly to monitor water use. Doing so will identify possible leaks or if you are using too much water. To learn how to read your water meter, visit centennialwater.org/how-to-read-your-water-meter.

Daily water times (minutes) - three times a week

Month	Fixed sprays	Rotors	*HE Rotary Nozzles	Manual
May	12	23	32	18
June	14	29	40	22
July	16	31	43	24
August	12	24	33	18
September	10	21	28	15
October	7	15	20	11

*high efficiency

Cycle and soak is a more efficient way to water and is better for the health of your lawn. Water is applied in multiple, short cycles allowing water to soak into the soil before running off. The first cycle of water overcomes the soil moisture tension and allows water to seep into the soil. The second cycle of water percolates even further into the soil, reaching the roots. The third cycle allows additional water percolation into the root zone. Irrigating this way helps maintain optimal soil moisture for a healthier landscape.

Sample run time for May, based on the chart above:

12 minutes fixed spray ÷ 3 cycles = 4 minute cycles run at a minimum of 30 minutes apart

Be water wise

Slow the Flow - free irrigation inspections

A limited number of free irrigation inspections are available to residential customers. The inspection will reveal the efficiency of irrigation systems and you will be provided suggestions to improve it.

The Slow the Flow program is funded by Centennial Water through Resource Central. Call Resource Central at 303-999-3820, or visit resourcecentral.org to schedule your appointment.

Rain sensor rebates

Rain sensors can be added to any irrigation system in order to interrupt the normal watering schedule when it rains. Centennial Water customers who purchase and install a rain sensor may be eligible for a rebate of up to \$25. Smart controllers are not covered under this rebate. Visit centennialwater.org for rebate applications.

High-efficiency nozzle

The high-efficiency nozzle retrofit program targets the replacement of less efficient, traditional fixed spray nozzles with more efficient rotary nozzles. A rebate of \$1 per nozzle is available. The non-residential maximum is \$3,000. Installation costs, sales tax, and shipping and handling costs are not covered. Visit centennialwater.org for more information.

Turf replacement

A rebate is available for the removal of any high-water-use plant material and replacement with Xeric or drought tolerant vegetation. The program encourages residential customers to convert water-thirsty plant materials, such as Kentucky Bluegrass, into a water wise landscape. Visit centennialwater.org/turf for more information.



Invite a Water Ambassador to speak to your school group or organization on a variety of water conservation topics.

Email waterambassadors@southmetrowater.org to learn more.