

2018 Water Wise Guide

Images depicted in this year's Water Wise Guide are examples of Xeric or low-water use plants that thrive in Colorado's climate. Each plant type is identified adjacent to the photo.



CENTENNIAL
WATER AND SANITATION DISTRICT



Candytuft

Water bill payment options

Centennial Water offers free paperless water billing and online bill pay options. The expanded service includes the ability to safely and securely set up recurring credit card payments as well as electronic receipts to your email account.

1. Visit centennialwater.org and click the **Online Bill Pay** icon. Please have your bill in front of you as you will need specific information from it to process your payment.
2. Enter your account number in the appropriate field and use your house number as your password.
3. Click on **Billing Options** and enter and confirm your email address to receive your bill electronically.
4. Click the **Online Bill Pay** tab to pay by credit/debit card or with an electronic check. You can choose to establish a recurring credit card payment by clicking the appropriate box.
5. Click **Continue**. Once processed you will receive a confirmation for your records.



CENTENNIAL
WATER AND 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



Everlasting

Help stop water waste

Centennial Water & Sanitation District is the water provider for Highlands Ranch and the Highlands Ranch Metro District. Centennial Water has implemented the following rules to reduce water waste in the community. These rules help stop inefficient use of water resources, which in turn, help sustain our water supply 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.



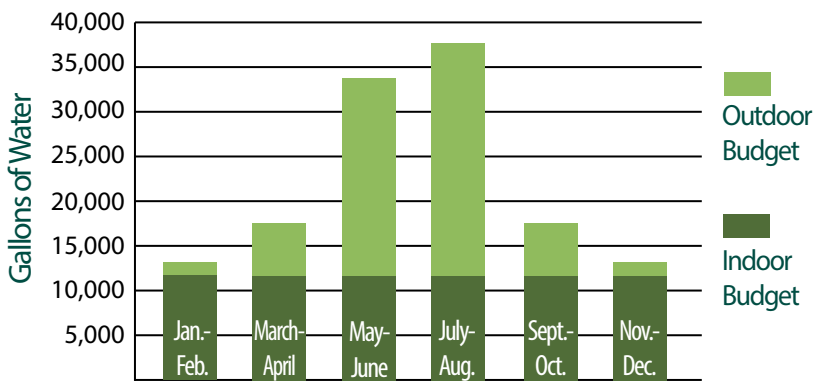
To report an incident of water waste, please call **303-791-0430**.
 To report an irrigation leak in parks or landscape along roads, please call **303-634-8042**.
 If calling after hours, press option four.

Water budgets

Customers are billed for water consumption using a conservation-based rate structure called water budgets. Each customer is assigned an allocation of water that provides for both indoor and outdoor use. Water budgets are set for each Highlands Ranch customer for each billing period. Budgets are based on lot size and adjusted for seasonal outdoor irrigation demand beginning the third week of April through the second week of October.

Water budgets are linked to an increasing tiered rate structure. When water use is greater than the budgeted amount, customers will pay more. Water budgets do not change for weather conditions. To view water rates, visit centennialwater.org/account-information/rates.

Typical Single Family Water Budget



Summertime Residential Water Rates

Per 1,000 gallons

Up to 100%	\$3.63
101% - 120%	\$4.90
121% - 140%	\$7.43
141% +	\$11.25

Residential water rates per 1,000 gallons is \$3.63. The graph above depicts the rates customers will pay when they exceed their allocated water budget during each billing period.

RULES AND REGULATIONS

7 steps to a beautiful, Xeric landscape

Xeriscape is a water-saving approach to landscaping. Did you know more than 50 percent of residential water use is spent on outdoor irrigation? Implementing a Xeriscape landscape can reduce outdoor water use by up to 60 percent, thereby saving money.

1. Right plant, right place - Group together plants with similar watering needs.

2. Mulch, mulch, mulch - Mulch minimizes evaporation, retains moisture and helps protect roots from sun exposure.

3. Limit turf area - Turf should be minimized as much as possible. It requires more water than Xeric plants, so it should only be used when other options are not viable.

4. Planning and design - Take time to plan your landscape. Be sure to note areas of shade, sun, slope, soil type and locations of existing trees.

5. Efficient irrigation - Plan your irrigation system around the needs of your plants. Drip irrigation is best for gardens and shrubs.

6. Improving the soil - Soil in Colorado ranges from clay to sand. Knowing your soil type will help you select the right plants and soil amendments to create a long-living and healthy landscape.

7. Good maintenance - Even a Xeric landscape needs a little tender loving care. Be sure to weed, prune and use proper fertilization.

Did you know?
Bluegrass uses twice the amount of water than other drought tolerant grasses.

Garden In A Box

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

For more information, or to order a Garden In A Box, visit ConservationCenter.org/Gardens or call 303-999-3820, ext. 222.

Did you know?

Garden In A Box plants use up to 60 percent less water than typical residential grasses.

Xeric plant list

Examples of Xeric plants that thrive in Colorado

- Prairie Winecups
- Coral Bells
- Garden Sage
- Black-eyed Susan
- Coronado Hyssop
- Columbine
- Penstemon
- Knautia
- Red Stonecrop
- Creeping Phlox

Coreopsis

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

XERIC LANDSCAPE

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.

Remember to read your water meter regularly to monitor your own water use. Doing so will identify possible leaks or if you are using too much water.

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

Cycle and soak is a more efficient way to water, preventing water waste, and is better for the health of your lawn. Water is applied in multiple, shorter cycles allowing water to soak into the soil before running off. This promotes deeper roots and healthier plants.

Cycle and soak not only eliminates runoff, but also provides more water to roots. The first cycle breaks the surface tension of the soil and allows water to penetrate. The second cycle is absorbed even further into the soil, reaching the roots. The third cycle allows additional absorption, filling the root zone and promoting a healthier landscape.

Did you know?
High efficiency nozzles use 20 to 30 percent less water than regular rotors.

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

Water efficiency programs

Centennial Water offers Highlands Ranch residents a number of cost-effective water conservation programs that are proven to save water.

Slow the Flow - Free Irrigation Inspections

A limited number of free irrigation inspections are available to residential customers, on a first-come, first-served basis. The inspection will reveal the efficiency of irrigation systems and provide suggestions to improve it.

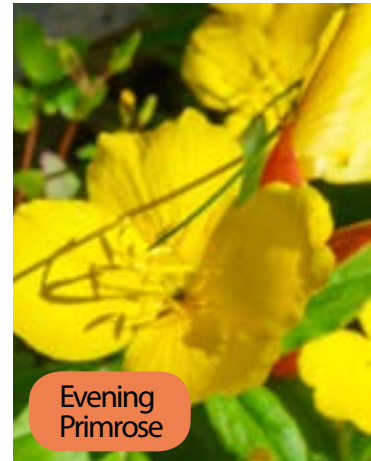


The Slow the Flow program is funded by Centennial Water through Resource Central. Call Resource Central at 303-999-3824, or visit resourcecentral.org to schedule an appointment.

Rain Sensor Rebates

Rain sensors are devices that 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.

Visit centennialwater.org for rebate applications or for more information about Centennial Water's water efficiency programs.



Evening Primrose

232,436,000 gallons of water were saved in 2016 through Slow the Flow and other water conservation programs.