



# 2017 Water Wise Guide



Coreopsis



Columbine

## 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 [www.centennialwater.org](http://www.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.



### Phone option

You can initiate free, one-time payments with a credit card or check by calling our 24-hour toll-free automated phone line at **1-866-648-1967**.



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 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 gutters or neglecting to repair leaks.

- Washing cars is allowed any time. However, when washing cars, a hose end shut off device must be used.



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

Water budgets provide sufficient water for indoor use and for keeping landscapes healthy during spring, summer and fall. Water budgets are set for each Highlands Ranch customer for each billing period based on lot size and adjusted for seasonal outdoor irrigation demand beginning the third week of April through the second week of October.



Blanket Flower

## 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.



CENTER FOR  
ReSource Conservation

The Slow the Flow program is funded by Centennial Water through the Center for ReSource Conservation. Call the Center for ReSource Conservation at **303-999-3824**, or visit [www.conservacioncenter.org](http://www.conservacioncenter.org) to schedule an appointment.



### Did you know...

More water efficiency tips can be found on Centennial Water's Facebook page at [www.facebook.com/CentennialWaterAndSanitationDistrict](https://www.facebook.com/CentennialWaterAndSanitationDistrict).



Windflower

19,000 Colorado households are saving water after consultation with a Slow the Flow inspector.

Visit [www.centennialwater.org](http://www.centennialwater.org) for rebate applications or for more information about Centennial Water's water efficiency programs.

# WATER EFFICIENCY

# 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. Planning and design** - Take time to plan your landscape. Be sure to note areas of shade, sun, slope, soil type and where existing trees are located.

**2. Improving the soil** - Soil in Colorado ranges from clay to sand. Knowing what you have to start with allows you to amend it before you plant to help ensure your garden lives a long, healthy life.

**3. Limit turf area** - Turf should be used out of a function of necessity. It requires more water than Xeric plants, so it should only be used when other options are not viable.

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

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

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

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

## 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 [www.ConservationCenter.org/Gardens](http://www.ConservationCenter.org/Gardens) or call 303-999-3820, ext. 222.

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*

- Penstemons
- Bee Balm
- Aster
- Coneflower
- Black-eyed susan
- Sunflower
- Marigold
- Candytuft
- Columbine
- Pansy

Sign up for Centennial Water's free, monthly eNewsletter at [www.centennialwater.org](http://www.centennialwater.org).

# XERIC LANDSCAPE

Native Bee Balm

# 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 weekly run times for different types of sprinkler heads. When setting your controller, divide weekly minutes by the number of watering days per week to determine how long to run each zone.

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 help you know if you have leaks or if you are using too much water.

*Run times assume an application rate of 1 1/2 inches per hour for spray heads and 1/2 inch per hour for rotor heads. Actual sprinkler run times may vary based on actual application rates.*

Weekly water times		
Month	Fixed sprays (minutes)	Rotors (minutes)
May	35	105
June	45	135
July	60	180
August	55	165
September	35	105

## Sample run times for May

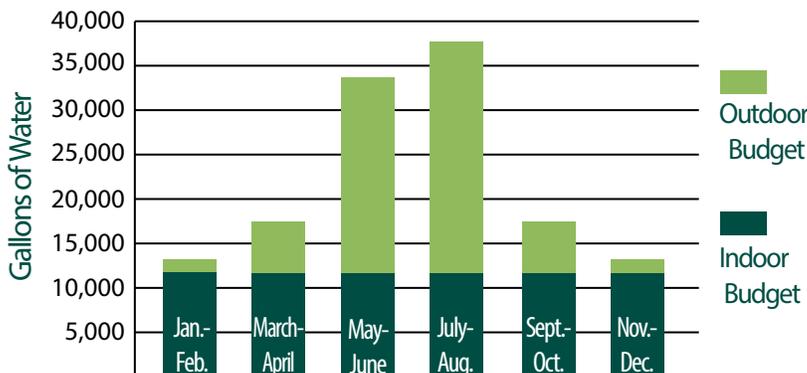
The calculation is based on weekly water times found in the chart above.

30 minutes fixed spray ÷ 3 days a week = 10 minutes each watering day per zone

90 minutes rotor spray ÷ 3 days a week = 30 minutes each watering day per zone

Water budgets are linked to an increasing tiered rate structure. When water use is greater than the budgeted amount, customers will pay more for water even during unseasonably warm and dry periods. To view water rates, visit [www.centennialwater.org/account-information/rates](http://www.centennialwater.org/account-information/rates).

## Typical Single Family Water Budget



## Summertime Residential Water Rates

Per 1,000 gallons

Up to 100%	\$3.41
100% - 120%	\$4.60
120% - 140%	\$6.98
140% +	\$10.56

Residential water rates per 1,000 gallons is \$3.41. The graph above depicts what customers will pay when they exceed their allocated water budget during each billing period.

# RULES & REGULATIONS