

JUNE 2019

PINERY PIPELINE



From your board of directors

Happy Summer everyone. I hope you and your families are enjoying our moderate climate as we enter into summer, as well as the subsequent benefit to your water bills! ☺

While this year's snowpack is quite a blessing, the board and staff members often field questions on the overall "health" of the Pinery Water supply, both now and into the future. The question is a good one, and I'm quite happy to report that we are in excellent shape with our current and future water supply. We need to continue being wise with our use of this critical resource, and work together to sustain our current situation, but our district has planned and worked hard to ensure the continued strength of our healthy supply. Here are some details we thought would interest you:

- The District is a land use agency and does not approve or deny land development. Douglas County holds the authority to approve growth in the county.
- The Pinery Water and Wastewater District was established to provide water and wastewater services to all property within its boundaries. Unlike cellular or electricity, there is only one provider available so the District has committed to serve all the property regardless of how it develops.
- The District owns rights to almost 18,000 acre-feet of water each year. For reference, one household uses about ½ an acre-foot in one year. That means we have enough water to serve 36,000 households.
- As of January 1, 2019, the District is providing water and wastewater service to just over 4,400 households.
- The District is almost built out (80% built, 20% left to be built) and is expected to have a total of 5,700 households when it is all built out.
- So the issue doesn't lie in whether we have *enough* water. The issue is whether we have the capability to deliver the water on demand in the heat of the summer.
- 65-70% of the water used during the entire year by our customers is consumed in the months of May to September.
- On average, each household uses around 200 gallons per day in the winter. However it spikes to 1200 gallons per day per household in the heat of the summer. That is 6 times more water needed each day in the summer than in the winter.
- The challenge the District has is to build facilities to meet the peaks without making the facilities too large. Oversized facilities cost a lot of money and sit unused for most of the year.
- By simply managing the demand in the summer time, we can save our customers money in the future by avoiding costs of oversized facilities.

We try to lower the high peaks in the summertime by (1) following a watering schedule so that all of our customers are not watering on the same day, (2) encouraging customers to plant low water use grass, trees and shrubs, and (3) using water efficient irrigation supplies. Please help us with these goals, so we can maintain our healthy supply long into the future!



Always know that when you have questions, the staff and board members are available to chat. Happy June and enjoy your summer!

Heidi Tackett,
Board Secretary, Pinery Water and
Wastewater District Board of Directors

Please join us at our District Office for our regularly held Board Meetings at 6:30pm on the 3rd Wednesday of each month.

Upcoming Board Meetings will be held at 6:30 pm on Wednesday, June 19, 2019 Wednesday, July 17, 2019

Summer Watering

Believe it or not, it is very easy to use more water in the summer on your lawn and landscape than what you use all year long on everything else. Colorado is a dryer climate with some days that have some high temperatures, but you still don't have to use that much water. Following our watering schedule and tips will help you maximize your summer water usage, save you money, and helps keep our demand as a District down. Take a look at the 2019 Watering Schedule below and some other tips to help you this summer.

Tips:

- Water during cooler times of the day — No watering between 10am and 6pm
- Water no more than three days per week.
- Do not allow water to flow off grass and into gutters, streets and alleys.
- Do not waste water by letting it spray on concrete and asphalt.
- Repair leaking sprinkler systems within 10 days.
- Do not irrigate while it is raining or during high winds.
- Use a hose nozzle with a shut-off valve when washing your car
- If you are considering any changes to your landscaping think about doing xeriscape. Stop by our main office during business hours at 5242 Old Schoolhouse Road, on the west side of Parker Road near the Pinery Glen neighborhood to see our xeriscape demonstration garden.

Lawn Watering Times

Use the chart as a starting point to determine the number of minutes to water each zone on the days you water. These times are averages. Adjust your watering minutes based on rainfall, type of grass or plants, sunny or shady locations and other characteristics.

Watering two days a week should be sufficient during most of the summer. If needed, water a third day during extreme heat or dry periods. Water trees and shrubs as needed, but not between 10 a.m. and 6 p.m. Shrubs and perennials need half as much water as lawns.

Tips:

- Water, rest, water again-To maximize efficiency and allow the soil time to soak up the water, add multiple start times and reduce each zone's watering time. For example, a 14-minute run time may be irrigated for 7 minutes, turned off while another zone is irrigated, then irrigated for the remaining 7 minutes to achieve the total 14-minute run time.
- Set your irrigation clock to water only what each zone needs.
- Looking for an easy way to see if your lawn needs water? Probe your lawn with a screwdriver. If it goes into the soil easily, that indicates sufficient moisture. If the screwdriver can't probe the soil, apply water to that area. Two days of watering a week should be enough; if it's dry, add another day.

(More information can be found at <https://www.denverwater.org/residential/efficiency-tip/watering-your-lawn>)

Annual Water Quality Report

The Pinery Water and Wastewater District produces an Annual Water Quality Report, which includes information about the quality of the water the District supplies. The 2019 Annual Water Quality Report will be available on the homepage of the District website at pinerywater.com. Check for the most current report to become available after June 30th!

2019 WATERING SCHEDULE

PINERY RESIDENTIAL & COMMERCIAL CUSTOMERS

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
EVEN Numbered Addresses	ODD Numbered Addresses	EVEN Numbered Addresses	ODD Numbered Addresses	EVEN Numbered Addresses	NO WATERING	ODD Numbered Addresses

No Watering between 10am & 6pm
* Hand Watering Allowed Anytime



Customer Service: 303.841.2797

Watering Months	Minutes to water per zone (for lawns, based on three days per week*)			
	Fixed spray heads	Rotor heads	Rotary/high-efficiency nozzles†	Manual sprinklers
January - April	Water trees and shrubs as needed.			
May	12	24	30	18
June	17	35	43	26
July	18	36	45	27
August	14	27	34	20
September	11	23	28	17
October - December	Water trees and shrubs as needed.			

Pinery Water and Wastewater District Contact Information:

5242 Old Schoolhouse Road
Parker, Colorado 80134
(303) 841-2797

www.pinerywater.com
information@pinerywater.com

For after-hours emergencies,
(303) 841-2797 EXT 299