



CITY OF LACEY

Water Resources  
420 College St. S.E.  
Lacey, WA 98503

2014 Drinking Water Test Results  
are available online at  
[www.ci.lacey.wa.us/water-quality](http://www.ci.lacey.wa.us/water-quality)

To request a paper copy of  
the 2014 water quality testing  
results contact City of Lacey  
Water Resources at  
(360) 491-5600 or  
[waterresources@ci.lacey.wa.us](mailto:waterresources@ci.lacey.wa.us).



Postal Customer

PRSR STD  
U.S. POSTAGE  
PAID  
PERMIT NO. 800  
GOLDSTREET  
97301  
ECRWSS



Tips for conserving water in  
your yard and garden

Reminder Magnet  
For odd-even outdoor  
watering schedule



City of Lacey,  
Washington

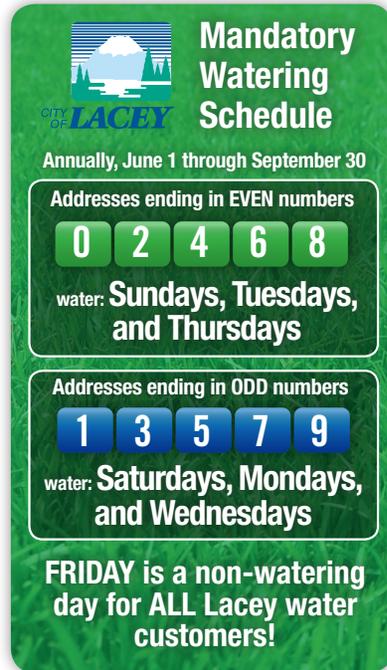
# Water Report

## Why Does Lacey Have an Odd-Even Outdoor Watering Schedule?

Since 2006, the City of Lacey has enforced an odd-even outdoor watering schedule for all of its customers. The mandatory watering schedule is designed to reduce peak water demand during the summer months.

During the hot summer months of June-September, Lacey water customers regularly use twice as much water as they do during the remainder of the year. Much of this additional water consumption goes to outdoor watering of lawns and gardens. Large numbers of us watering at the same time can cause stress to the water distribution system and ultimately force the expansion of the water distribution and storage system. Premature expansion of the water system will increase water rates for Lacey water customers. Alternating outdoor watering days through the odd-even watering schedule helps your water utility in meeting peak summer demands while maintaining low cost, high quality drinking water.

Exemptions to the mandatory watering schedule may be requested for new lawns or gardens, or if your neighborhood irrigation system is configured in zones which water homes on both sides of the street. To request an exemption contact (360)491-5600 or [WaterResources@ci.lacey.wa.us](mailto:WaterResources@ci.lacey.wa.us).



**City of LACEY** **Mandatory Watering Schedule**

Annually, June 1 through September 30

Addresses ending in **EVEN** numbers

**0 2 4 6 8**

water: **Sundays, Tuesdays, and Thursdays**

Addresses ending in **ODD** numbers

**1 3 5 7 9**

water: **Saturdays, Mondays, and Wednesdays**

**FRIDAY is a non-watering day for ALL Lacey water customers!**

Post this magnet on your refrigerator to remind you of your correct watering days!

## A Message From the Mayor:

City of Lacey water customers should be proud of their efforts to conserve water in our community. Over the past four years, Lacey water customers have reduced their water consumption by 20% per household! Water conservation is not only an essential aspect of protecting our water resources and our local environment; it is also a crucial component of maintaining Lacey's affordable water rates.

On May 15th, 2015 Governor Inslee declared a drought emergency for Washington State. Lacey does not anticipate water shortages in the near future nor does it anticipate a need to enforce water conservation measures or place restrictions on water use because of the 2015 drought emergency. Regardless, I encourage all Lacey water customers to continue conserving water both indoors and outdoors.

I am pleased to announce that Lacey's drinking water met or exceeded all regulations and mandates established by the Environmental Protection Agency for 2014. Lacey water customers continue to receive the highest quality drinking

water. I am delighted to be part of such an important effort.

Please take the opportunity to read and learn about the quality of our community's drinking water, opportunities to conserve water in your home and landscape, and some tips for proper watering of your lawn and garden. Information contained in this report and online at [www.ci.lacey.wa.us/water-quality](http://www.ci.lacey.wa.us/water-quality) enables Lacey's water customers, specifically those with special health considerations, to make informed decisions about the water they use every day.

If you have any questions regarding the community's drinking water, or the information contained in this report, please contact your Lacey Water Utility at 360-491-5600.

Sincerely,

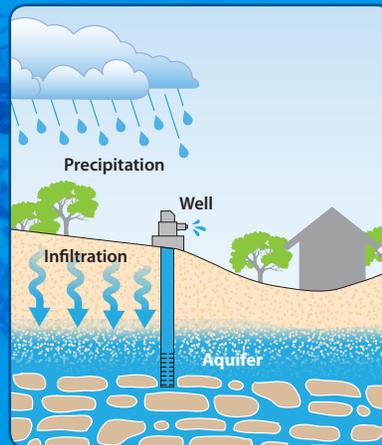


Mayor Andy Ryder



## Where Does Lacey's Water Come From?

Most of the water that you use in your home comes from wells found across the City that withdraw groundwater from three underground aquifers. An aquifer is a natural, underground layer of rock or sand that yields water. Groundwater is found in the spaces between the rock and sand. By the end of 2014, the Lacey system consisted of 20 individual wells. In addition, Lacey purchases water from the City of Olympia's water system to help meet high demands. Throughout most of 2014, the water purchased from Olympia came from McAllister Springs, a surface water source that was recently replaced by their new McAllister well near Lake St. Clair.



## Where Did Lacey's Water Go?

**89%**  
CITY CUSTOMERS WITH WATER METERS  
2,222 million gallons

**3%**  
AUTHORIZED CITY USES\*  
63.8 million gallons

**8%**  
DISTRIBUTION SYSTEM LEAKAGE\*\*  
197.5 million gallons

\*Authorized uses include: street sweeping, water line flushing, treatment facility maintenance and other related maintenance activities.

\*\*Distribution System Leakage (DSL) refers to all water that could not be accounted for, and is attributed to water main breaks, theft of water and other unknown water losses. The state requires that utilities of Lacey's size maintain a DSL of less than 10%.

# Tips For Conserving Water in Your Yard and Garden

According to the EPA nearly 50% of water used for irrigation is wasted due to evaporation, wind, or runoff from inefficient watering. Follow these simple instructions to ensure your lawn and gardens receive adequate water without wasting our community's precious water resources.



## Choose the right plants for the right place

Plant shade loving plants in shady areas and plants that require a lot of water in areas that naturally collect water. Group plants together based on their needs and consider planting a few areas of your garden with plants that require no irrigation.



## Improve your soil

Test your soil to determine its water holding capacity and nutrients. Obtain a soil test from Thurston Conservation District (<http://www.thurstoncd.com/soil-testing.html>) for \$25, and then amend your soil as suggested. Compost is a great addition to most soils. Compost improves your soils ability to retain moisture. Mulch or bark chips can be spread on top of soil to prevent soil from losing moisture through evaporation.



## Consider removing turf area

Lawns require a lot of water. Consider if you really use all the lawn area at your home. Lawns are great for play areas but lawns that aren't used can be replaced with native plants to conserve water.

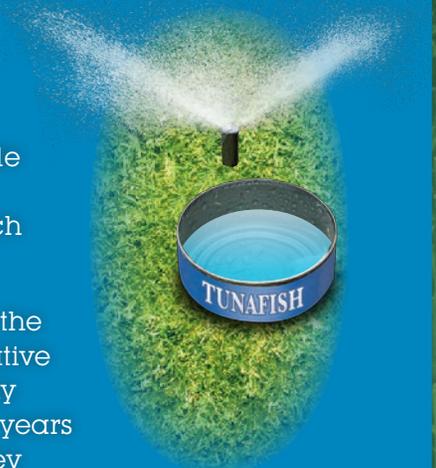


## Remove weeds

Weeds use water too and they often use water meant for intentional plantings. Keep your garden weed free to ensure your irrigation water is being used for its intended purpose.

## Irrigate your lawn and gardens efficiently

- Lawns only need one inch of water per week. Use a tuna can to measure the time it takes your sprinklers to disburse 1 inch of water. Divide this time by 3 to discover how long to run your sprinklers each watering session.
- Irrigate garden beds based on the needs of the plants in them. Native and drought tolerant plants only need to be watered the first 2-3 years after they are planted. After they have established, they typically do not require supplemental watering. Garden beds containing annual plants will likely require more water than garden beds with well-established trees and perennials.
- Consider installing a drip irrigation system for garden beds.
- Water in the middle of the night or first thing in the morning. Water is quickly lost through evaporation during the heat of the day.
- Always use a timer to ensure you don't forget you've turned on the sprinkler.



## HIGH EFFICIENCY TOILET PROGRAM\*:

### Sewer Customers:

High Efficiency Toilet Rebate Program\*: All City of Lacey WASTEWATER utility customers (look for "LOTT charges" on your bill) are eligible for a \$100 mail-in rebate for the purchase of a qualifying High Efficiency Toilet (HET). Choose one of the many locally available models from \$100-\$270 (cost after rebate, \$0-\$170).

Visit [www.ci.lacey.wa.us/toilets](http://www.ci.lacey.wa.us/toilets) for more info.



### Septic Customers:

High Efficiency Toilet Rebate Program\*: All City of Lacey WATER utility customers on septic systems who have a toilet that uses 3.0 or more gallons per flush are eligible for a free high efficiency toilet. Toilets installed before 1993 likely fall into this category.

Visit [www.ci.lacey.wa.us/toilets](http://www.ci.lacey.wa.us/toilets) for more info.

# COMPARE PRICE!

## BOTTLED WATER vs. TAP WATER

Price per 16 ounces ▶

\$1.29

\$1.49

\$1.99

\$0.0002



One penny will purchase about 6.5 gallons of high quality City of Lacey Water.



### FREE Hose Timers\*

Have you ever turned on your sprinkler and forgotten about it?

For those who water their lawns with a hose and sprinkler, these hose timers will shut off automatically to save you water and money. They are simple to use and connect to any standard outdoor hose bib.

Limit 1 per City of Lacey Residential water account. Bring your water bill to Lacey City Hall. See below for more info.



### FREE Irrigation Gauge\*

Overwatering your lawn not only wastes water, it can also cause disease. An irrigation gauge will help you determine how long to water your lawn each watering session. Your lawn needs 1" of water per week.

Limit 1 per City of Lacey Residential water account. Bring your water bill to Lacey City Hall. See below for more info.



### FREE Heavy Duty Adjustable Hose nozzle\*

The average garden hose uses 10 gallons of water per minute! Prevent water wasting by always using a hose nozzle on your hose.

Limit 1 per City of Lacey Residential water account. Bring your water bill to Lacey City Hall. See below for more info.

### Indoor and Outdoor Water Saving Items\*

**FREE** Indoor Water Saving Kit: High efficiency shower head, faucet aerators and toilet leak detection tablets.

**FREE** Outdoor Water Saving Items: Hose repair kits, hose washers.

Limit 1 of each item, per City of Lacey Residential water account. Bring your water bill to Lacey City Hall. See below for more info.

### Your Water Utility By The Numbers

Your water utility is comprised of wells, lines, valves, and other equipment that is maintained to protect water quality and ensure water is available every time you turn on your faucet. From the wells that pump water out of underground aquifers to the valves that isolate sections of the water system and help limit service interruptions during line maintenance and repairs, your water utility is a sophisticated mix of hardware and dedicated employees who keep your water clean, reliable, and affordable.

	Water Reservoirs:	7
	Production Wells:	20
	Staff Members:	28
	Waterlines:	392 miles
	Hydrants:	3,653
	Water Valves:	10,512

## STREAM TEAM!



Lacey Stream Team helps protect and enhance water resources through citizen education and action. Since 1990, Stream Team volunteers have donated over 65,000 hours to our community through stream re-vegetation projects, stream monitoring, litter clean-ups, storm drain marking, day camps, wildlife projects, and other activities. Visit [www.streamteam.info](http://www.streamteam.info) for more information or to sign up for an upcoming volunteer opportunity.

To learn more about these programs and find out if you are eligible, visit [www.ci.lacey.wa.us/water-conservation](http://www.ci.lacey.wa.us/water-conservation)

\*Available ONLY to Lacey water or wastewater customers while supplies last. Redeem your coupons by bringing your water bill to Lacey City Hall, 420 College St SE: Monday-Friday 8am - 5pm. Can't make it during normal business hours? Call 360-491-5600 to request water conservation items which can be picked up on Tuesday, July 7th, between 6:00pm and 7:00 pm at Huntamer Park.