

What's inside

Coupons

for Free Water
Saving Items

How does

Lacey ensure our
drinking water is
always clean and
safe to drink



2016

City of Lacey
Washington

Water Report



FREE Hose Timer*

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 customer. Bring your water bill to Lacey City Hall. See below for more info.



FREE Soil Moisture Sensor*

Overwatering your lawn not only wastes water, it can also cause disease. A soil moisture sensor is a device that will show you when the soil is ready to be watered to prevent overwatering and wasting money.

* Limit 1 per City of Lacey residential water customer. Bring your water bill to Lacey City Hall. See below for more info.

Mandatory Watering Schedule Reminder Magnet

Need a refrigerator magnet to help you remember your watering days? Visit Lacey City Hall to pick one up or email WaterResources@ci.lacey.wa.us to request one and we'll mail it to your home.



Indoor and Outdoor Water Saving Kits*

Indoor kits include:

High efficiency shower head, faucet aerators and toilet leak detection tablets.

Outdoor kits include:

Heavy duty adjustable hose nozzle and hose repair kit.

* Limit 1 of each type per household. Indoor kit available to City of Lacey water and wastewater customers. Outdoor kit available to City of Lacey water customers only. Bring your water bill to Lacey City Hall. See below for more info.

Indoor water conservation items available to all City of Lacey water and wastewater customers. Outdoor water conservation items available to City of Lacey water customers only. Limit one item per eligible account, while supplies last. Redeem your coupons by bringing your water bill to Lacey City Hall, 420 College St SE, Monday-Friday, 8am-5pm and start saving water today.

HIGH EFFICIENCY TOILET PROGRAM*:

Sewer Customers:

All City of Lacey WASTE-WATER utility customers (look for "LOTT charges" on your bill) are eligible for a mail-in rebate of up to \$100 for the purchase of a qualifying High Efficiency Toilet (HET). The toilet must use no more than 1.28 gallons of water per flush and have a MaP score of 750 grams or greater.



Septic Customers:

All City of Lacey WATER utility customers with on-site septic systems who have a toilet that uses 3.0 or more gallons of water per flush are eligible for a free High Efficiency Toilet (HET). Toilets installed before 1993 likely fall into this category.

*Visit www.ci.lacey.wa.us/toilets to learn more and find out if you are eligible.

A Message from the Mayor

I am pleased to announce that Lacey's drinking water met or exceeded all regulations and mandates established by the Environmental Protection Agency for 2015! We have seen in the national news just how important it is to provide water customers with safe drinking water. You can rest assured knowing that Lacey's customers receive the highest quality. I am proud to live and work in a community that invests in the infrastructure that provides an abundant supply of clean and healthy drinking water.

Please take this opportunity to read and learn about the quality of our community's drinking water, opportunities to conserve water in your home and landscape, and how Lacey prevents contamination of its valuable drinking water sources. Information contained in this report and online at 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.

Contact Us!

- Report problems to 360-491-5644.
- Utility bill questions, call 360-491-5616.
- EPA Safe Drinking Water Hotline: 1-800-426-4791 or visit the EPA Homepage at www.epa.gov/ow.



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

Sincerely,

A handwritten signature in blue ink that reads "Andy D. Ryder".

Mayor Andy Ryder



*Shaping
our community
together*

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Get Involved!

Attend a City Council meeting generally held at 7:00 p.m. at Lacey City Hall on the 2nd & 4th Thursday of each month January through October and the 1st & 3rd Thursdays for November and December. Call 360-491-3214 to check the agenda of upcoming meetings. Meetings are also video recorded and available on our website (live and archived), www.ci.lacey.wa.us/video.

How does Lacey ensure always clean and safe

How does Lacey protect the aquifers that supply our drinking water?

It is important to protect the underground aquifers that supply our drinking water. Lacey has a Wellhead Protection Program designed to do just that. The Wellhead Protection Program:

- Identifies and maps wellhead protection areas around wells where groundwater contamination must be prevented.
- Generates and enforces strict land use controls within designated Wellhead Protection Areas to reduce the risk of groundwater contamination from high risk land uses. For example, gas stations, dry cleaners, auto wrecking yards, landfills, and animal feeding operations may not be constructed near Lacey's wells.
- Conducts vulnerability assessments to determine which wells are more likely to be exposed to contamination. Businesses that use or store hazardous materials near vulnerable wells may be subject to additional stormwater management and pollution prevention requirements to prevent contamination of wells.
- Educates the public to prevent contamination from citizen activities.



Does Lacey add chlorine to the water?

Yes, Lacey began adding chlorine to its drinking water in 2005 to ensure drinking water from the distribution system all the way to customers' taps remains protected from contamination. Throughout the world, chlorine is the most commonly used drinking water disinfectant. It kills or inactivates bacteria and many disease-causing organisms.

Does Lacey add fluoride to the water?

No, Lacey does not add fluoride to the water.

Is our drinking water safe to drink?

How does Lacey test its drinking water to ensure it's safe to drink?

Lacey has a comprehensive water quality testing program that includes testing its source wells for regulated contaminants, the distribution system (water lines and reservoirs) for bacteria, chlorine, and disinfection byproducts, and customer taps for lead and copper. Water quality test results can be found on Lacey's website at www.ci.lacey.wa.us/water-quality. The water quality data table located on our website summarizes over 1,900 water quality tests from Lacey's water supply wells that were collected over the last five years. Tests are run for 83 contaminants regulated under the Safe Drinking Water Act, including:

- Metals – such as cadmium, chromium and lead
- Synthetic and volatile organic contaminants- such as pesticides and petroleum products
- Radionuclides- such as radium and gross alpha

Up to 30 unregulated contaminants are also sampled from source wells every five years. As required under the Safe Drinking Water Act, we report results for all detected contaminants. If we do not report a contaminant, it was not detected during sampling.

In addition to testing the supply wells, Lacey collects approximately 2,000 chlorine residual tests and 960 bacteria tests from the distribution system every year. These tests ensure that water is safely delivered from source wells to our customers' taps.

Lead and Copper samples are also collected from customer taps every three years. Lead and copper tap samples will be collected again in the fall of 2016.

How does Lacey ensure its water distribution system remains clean?

Lacey has a routine waterline flushing program that keeps the distribution system clean and the water fresh by removing sediments that accumulate in pipes that carry drinking water.

Does Lacey treat its drinking water?

Yes, Lacey has three treatment plants- two treatment plants remove iron and manganese from three source wells. The third treatment plant adjusts pH at a well in the Capital City Golf Course.

Where Did Lacey's Water Go?

88.9%
**CITY CUSTOMERS
WITH WATER METERS**
2,341 million gallons

2.1%
**AUTHORIZED
CITY USES***
54.6 million gallons

9%
**DISTRIBUTION
SYSTEM LEAKAGE****
237.2 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%.

Get Involved!

Lacey Stream Team helps protect and enhance water resources through citizen education and action. In 2015, 555 Stream Team volunteers donated over 1,150 hours to our community through stream re-vegetation projects, stream monitoring, litter clean-up, storm drain marking, and other activities. Visit www.Streamteam.info for more information or to sign up for an upcoming volunteer opportunity.



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, our 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:	402 miles
	Hydrants:	3,685
	Water Valves:	12,214

Test Results

All available testing results for 2015 can be found online at www.ci.lacey.wa.us/water-quality.

To request a paper copy of the 2015 water quality testing results contact City of Lacey Water Resources at (360) 491-5600 or WaterResources@ci.lacey.wa.us.



You will also find important information about lead and other contaminants that may be present in all drinking water sources. Immuno-compromised persons, such as, persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, some pregnant women and some infants can be particularly at risk from infections, and are encouraged to visit www.ci.lacey.wa.us/water-quality to learn more and seek advice about drinking water from their health care providers.

Compare Price!

BOTTLED WATER vs. TAP WATER

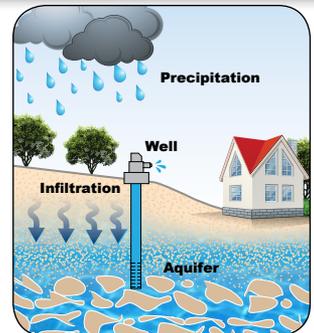
Price per
16
Ounces



One penny will purchase about 6.3 gallons of high quality City of Lacey water.

Where does Lacey's water come from?

Most of the water that you use in your home comes from groundwater wells that are located throughout the greater Lacey area. The groundwater wells withdraw water from three underground aquifers. An aquifer is a natural, underground layer of rock or sand that stores water. Groundwater is found in the pore spaces between the rock or sand. By the end of 2015, the Lacey system consisted of 20 individual wells.





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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!**

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.



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