



What's inside

Coupons
for Free Water Saving Items

Tips!
For keeping hazards out of
your drinking water

ODD-EVEN
Outdoor watering schedule

City of Lacey,
Washington

Water Report

FREE Hose Timers*



Have you ever turned on your sprinkler and forgot 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 household. Bring your bill or account number to Lacey City Hall. See below for more info.

FREE Soil Moisture Sensors*



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 household. Bring your bill or account number to Lacey City Hall. See below for more info.

Can't make it to City Hall during business hours?

A limited amount of each of these free items will be available* on **Saturday, July 13, from 10am – 4pm** at the Lacey Community Market at Huntamer Park (618 Woodland Square Loop SE, Lacey). Bring your bill or account number to the blue "Lacey Water Resources" tent.

Limit 1 of each type of item or kit, per household.

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 kit of each type, per household. Bring your bill or account number to Lacey City Hall. See below for more info.

OTHER WATER SAVING PROGRAMS:

High Efficiency Toilet Program*:



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). 14 models to choose from available locally from between \$100-\$270 (cost after rebate, \$0 to \$170).

Visit www.ci.lacey.wa.us/toilets for more info.

WashWise Program*:



The City of Lacey and the LOTT Clean Water Alliance are offering a \$50 rebate for purchasing a qualifying high-efficiency washing machine.

Visit www.ci.lacey.wa.us/washwise for more info.

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

*Available ONLY to Lacey water or wastewater customers while supplies last. Redeem your coupons by bringing your bill or account number to Lacey City Hall, 420 College St SE: Monday-Friday 8am – 5pm and start saving water today.



Outdoor Watering Schedule for ALL LACEY WATER CUSTOMERS

Schedule enforced: 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!

FREE REMINDER MAGNET! Pick one up from the front counter at Lacey City Hall (420 College St SE, Lacey).

For more information on the outdoor watering policy, or to request a variance or exemption, call Lacey Water Resources at 360 491-5600, email WaterResources@ci.lacey.wa.us or visit www.ci.lacey.wa.us/odd-even.

Where Does Lacey's Water Come From?

Most of the water that you use in your home comes from 19 different 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. Additional water is purchased from the City of Olympia's water system to help meet high demands. The water purchased from Olympia comes from McAllister Springs, which is a surface water source.

Where Did Lacey's Water Go?

91.3%	CITY CUSTOMERS WITH WATER METERS	2,188 million gallons
1.8%	AUTHORIZED CITY USES*	42.6 million gallons
6.9%	DISTRIBUTION SYSTEM LEAKAGE	164.6 million gallons

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

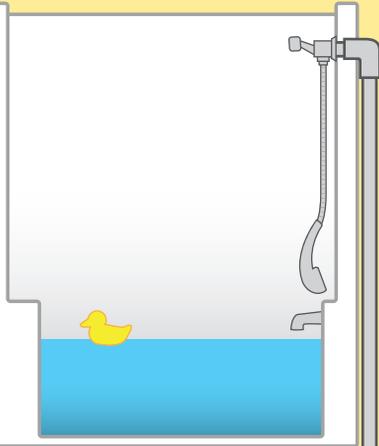
**Distribution System Leakage (DSL) refers to all water that could not be accounted for, and is attributed to water main breaks, theft of water and other unknown water losses. The state requires that utilities of Lacey's size maintain a DSL of less than 10%.

Tips to Protect Your

Indoor Dirty dish water, bathtub water, and sewage backups can find their way into your drinking water supply at any time, in any age of home, for a number of reasons. If this happens, your home's drinking water supply could be at risk from contamination. This is called "backflow" or a "cross-connection" and can become a very serious health issue, very quickly.

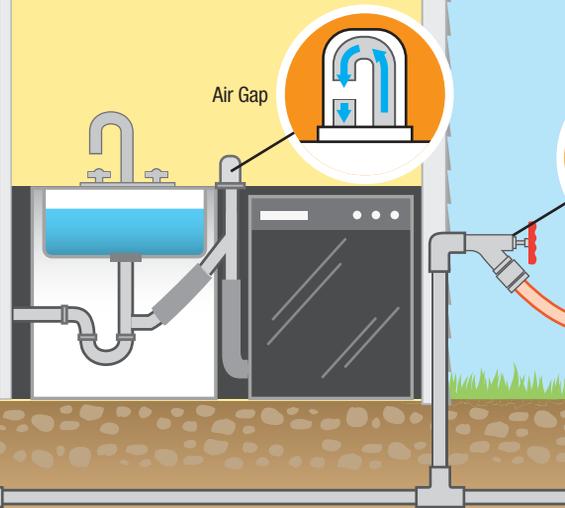
Handheld Shower Fixture

Make sure your handheld shower fixture is at least 1" above the flood level rim on the tub when hanging freely, to prevent the fixture from being submerged in the bathtub.



Dishwashers

Make sure you have an air gap installed above the level of the kitchen sink, which will prevent the backflow of contaminated water or sewage from entering your dishwasher and drinking water supply.

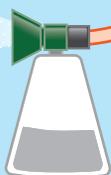


Drinking Water

Outdoor The “backflow” of water outdoors can occur from the use of irrigation sprinklers, hose-end fertilizer sprayers, the filling of swimming pools and fish ponds, and many other similar outdoor sources. These sources are considered cross-connections and could contaminate your home’s drinking water supply.

Hose-end Fertilizer Sprayers

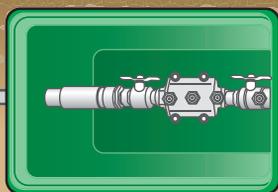
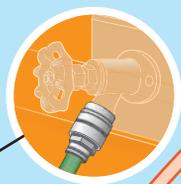
If you are using a hose-end fertilizer sprayer, which is designed to connect to the end of your hose to feed your lawn and landscaped areas, make sure the hose bib or spigot you are connected to is an “anti-siphon” model, as per current plumbing code. If not, you can purchase a screw on vacuum breaker device for around \$10 at any most home and garden stores.



Irrigation sprinklers

State and City laws require all in ground irrigation systems be isolated from the water system with a special valve called a “backflow prevention assembly”.

Visit www.ci.lacey.wa.us/cross-connection to learn more about locating the assembly on your property and the requirements for completing the required annual testing.



Backflow Prevention Assembly
(Shown from Top view)

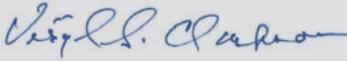
A Message From the Mayor:

I am pleased to announce that Lacey's drinking water met or exceeded all regulations and mandates established by the Environmental Protection Agency for 2012. Lacey water customers receive the highest quality drinking water, while also becoming part of the community-wide effort to conserve and protect our water resource. I am proud 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. Information contained in this report and online at www.ci.lacey.wa.us/water-quality allows 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 Virgil Clarkson



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.

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 and 3rd Thursdays for November and December. Call 360-491-3214 to check the agenda of upcoming meetings or check our web site at www.ci.lacey.wa.us/ video. Meetings are also video recorded and available online (live and archived)

Household Tips to Protect Our Water from Nitrates

Nitrate is a chemical that is essential for all life, but human activities can increase nitrates in the environment to levels that can be harmful to humans and wildlife. Nitrates form when microorganisms break down fertilizers, decaying plants, animal manure and human waste. Nitrate is highly mobile in water, and because of this it is found in both surface water and groundwater. Groundwater is the main source of drinking water in Lacey.

Because exposure to nitrates can reduce the ability of red blood cells to carry oxygen, it can be a serious health threat, especially to pregnant women, the elderly and infants. For this reason, it is important to take steps in our homes and yards to prevent possible future contamination to our drinking water sources.

FOLLOW THESE TIPS:

- **Use fertilizer sparingly**
 - › Test your soil **FIRST** to determine the amount of fertilizer needed
 - › Fertilize only once in fall and/or spring, if needed
 - › Always follow the directions exactly provided with your fertilizer
- **Dispose of pet waste properly**
 - › Always pick up and bag dog poop and place in trash
 - › Always bag litter from cats and other small pets and place in trash
 - › Drain aquariums to the sanitary sewer through a toilet or sink, if possible
- **Maintain your home's wastewater system**
 - › Only flush what comes out of your body and toilet paper
 - › Call a plumber if you notice any unusual wet spots and/or odors in your home or yard
- **Maintain your home's septic system (if applicable)**
 - › Have septic systems inspected and pumped a minimum of every 3-5 years
 - › Hook up to public sewer system, if available, for more effective treatment



2012 DRINKING WATER TEST RESULTS

All available testing results for 2012 can be found online at www.ci.lacey.wa.us/water-quality or by calling Lacey Water Resources at (360) 491-5600.

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.

▶ Visit www.epa.gov/safewater to learn more about nitrates in drinking water.