



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 water bill 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 water bill 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 12, from 10am – 4pm** at the Lacey Community Market at Huntamer Park (618 Woodland Square Loop SE, Lacey). Bring your water bill 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 water bill to Lacey City Hall. See below for more info.

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 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 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 water bill to Lacey City Hall, 420 College St SE, Monday-Friday 8am – 5pm and start saving water today.

2013 Drinking Water Test Results

All available testing results for 2013 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.



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. In 2014 Olympia anticipates discontinuing use of McAllister Springs and beginning to use their new wells near Lake St. Clair.

Where Did Lacey's Water Go?

94%	CITY CUSTOMERS WITH WATER METERS	2,272 million gallons
2.2%	AUTHORIZED CITY USES*	51.9 million gallons
3.8%	DISTRIBUTION SYSTEM LEAKAGE**	92.1 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%.

Proper Septic System Maintenance

How do septic systems function?

Septic systems have two main parts, the tank and the drainfield. The tank removes solids and the drainfield percolates liquid into the soil where it can be treated. For detailed information about how septic systems function, visit Thurston County Environmental Health at <http://tinyurl.com/thurstoncseptic> or watch a presentation from our neighbors up north in Island County at www.tinyurl.com/islandcseptic.



Scan this QR code with your smart phone or tablet to watch a presentation on Septics.



Scan this QR code with your smart phone or tablet to learn more about septics from Thurston County



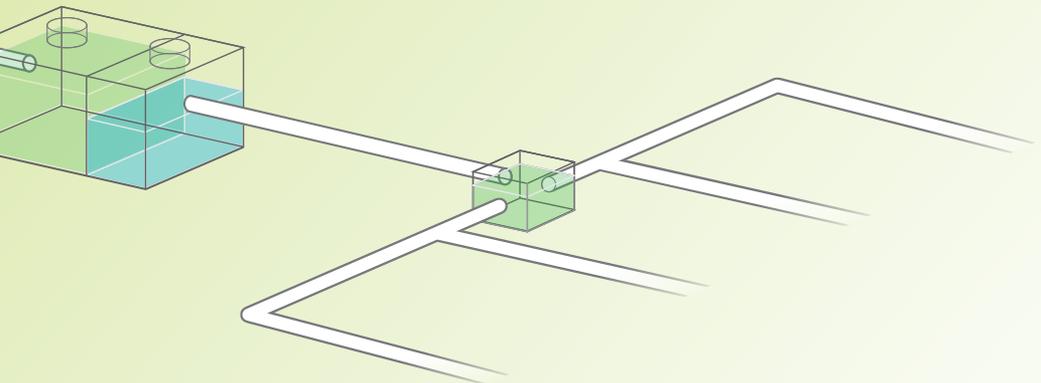
Protects Surface and Ground Water

How do you know if your septic system is failing?

If septic systems are not maintained properly, they will fail. A failing septic tank can be very costly to repair or replace and it negatively impacts nearby water quality. Maintenance is the best way to prevent failure. The telltale signs of a failing septic tank are a smelly yard near the drainfield, very wet spots or excessively lush green grass growing over the septic areas, standing water in the drainfield, plumbing back-ups or slow draining fixtures, and gurgling sounds in your plumbing system.

What can you do?

- Keep solids, oils and grease from going down the drain and practice water conservation to prevent the system from being overloaded.
- Keep chemicals out of your septic system; drain openers, paints, pesticides, and other chemicals negatively impact the health of your system.
- Inspect your tank annually and hire a certified professional to pump the tank every 3-5 years. Installing risers from the tank lid allows for easy inspection and minimal disturbance to nearby landscaping when inspections take place.
- Inspect your drainfield regularly and only plant shallow-rooted plants on top of and surrounding it.
- Direct water from downspouts and roofs away from drainfields and do not park or store cars, trucks, or other heavy equipment near the area.
- Do not drain large volumes of water, such as draining a hot tub, into your on-site septic. Instead, drain these things onto the ground and away from storm drains.



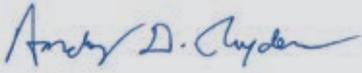
A Message From the Mayor:

I am pleased to announce that Lacey's drinking water met or exceeded all regulations and mandates established by the Environmental Protection Agency for 2013. 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, the importance of conserving water, and some tips for maintaining the plumbing at your home and in our community. 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 Andy Ryder



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).

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 for more information or to sign up for an upcoming volunteer opportunity.

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 provided with your fertilizer exactly
- **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 annually and pumped a minimum of every 3-5 years
 - › Hook up to public sewer system, if available, for more effective treatment
 - › See center pages for more information about septic systems

Homeowners associations, neighborhood associations, and apartment complexes within Lacey city limits are eligible for free pet waste stations. Visit www.ci.lacey.wa.us/pet-waste to find out if you qualify and to download an application.



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

Shaping
our community
together



CITY
OF **LACEY**

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

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

Mandatory Watering Schedule

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!**

Schedule enforced: | Annually, June 1 through
September 30

Postal Customer