Every Drop Counts

Presented by: Kim Benedict, City of Lacey Kelsey Browne, LOTT Clean Water Alliance Margi Mann, St. Mark Lutheran Church Wendy Steffensen, LOTT Clean Water Alliance

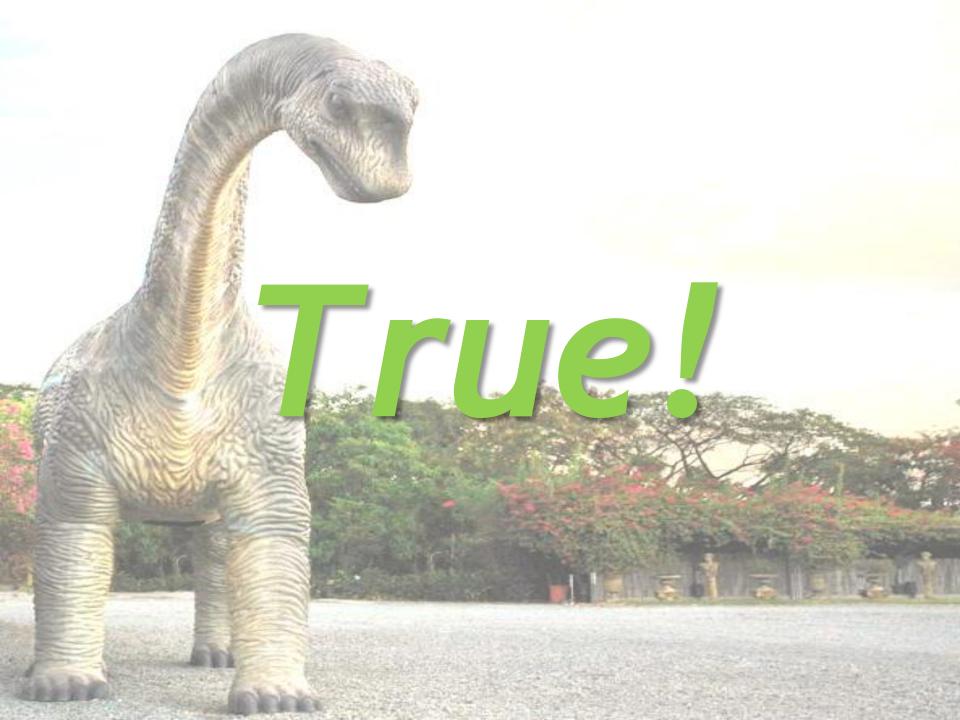


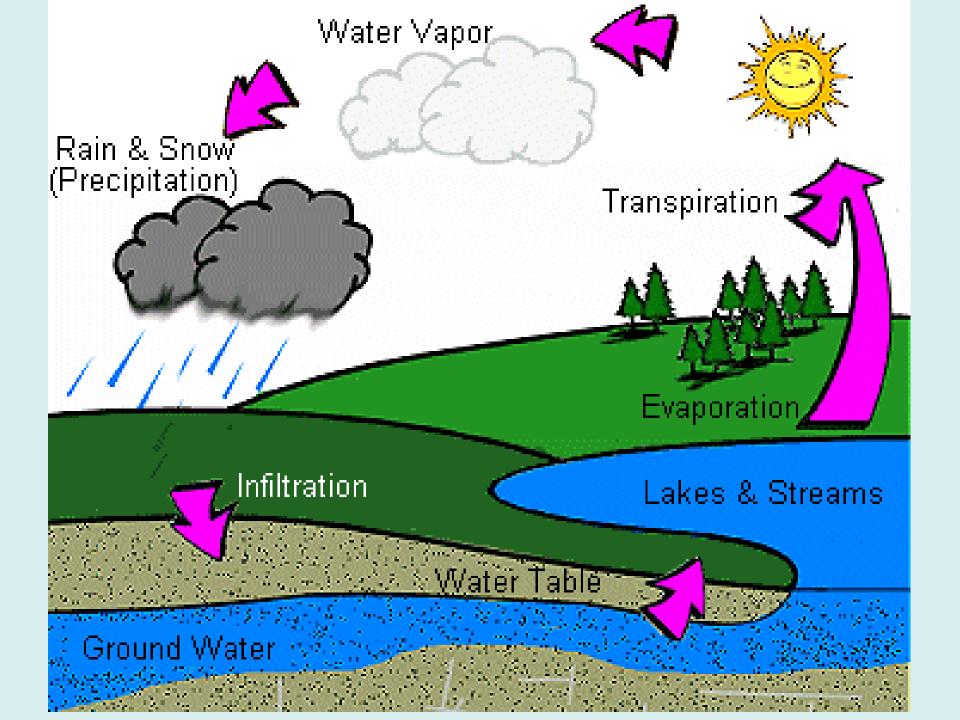


True or False?

The water you drink today is the same water the dinosaurs drank millions of

years ago





Water 101: The Blue Planet

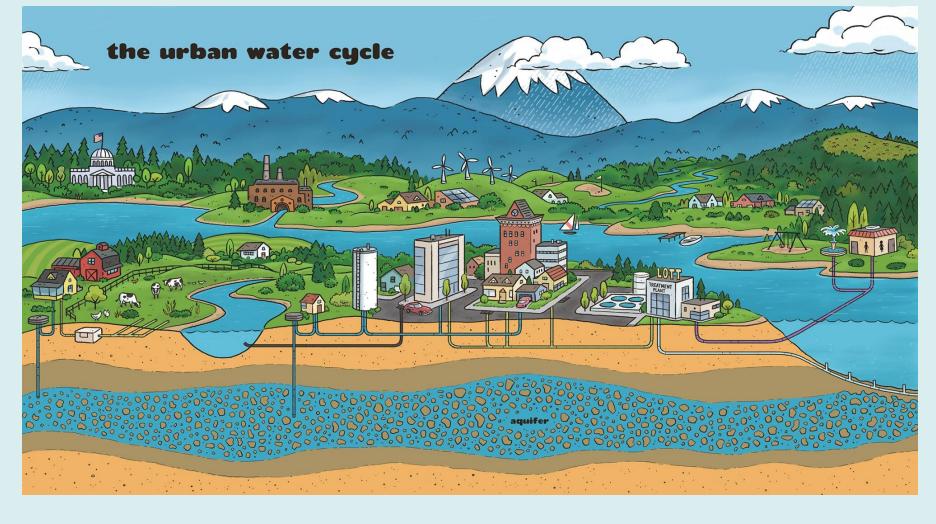


Breakdown of Earth's Water (%)	
Oceans	96.5
Permanent Ice & Snow	1.7
Groundwater	1.7
Lakes & Rivers	0.014
Atmosphere	0.0001

Breakdown of Fresh Water (%)	
Permanent Ice & Snow	68.7
Groundwater	30.1
Lakes & Rivers	0.3

Source: USGS

The 21st Century Water Cycle



Drinking Water Comes from 2 main places on earth:

- **1. Surface Water** (lakes and rivers)
- **2. Groundwater** (underground aquifers)

Groundwater Quiz

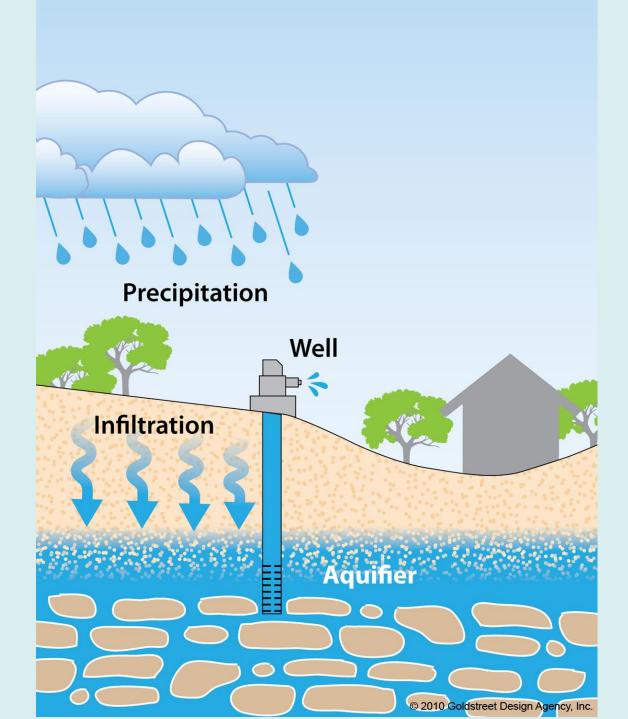
How much of Lacey's drinking water comes from groundwater?

a) 25%
b) 50%
c) 100%
d) None

Groundwater Quiz

How much of Lacey's drinking water comes from groundwater?

a) 25%
b) 50%
c) 100%
d) None



Wastewater

Water that leaves your house in a pipe becomes wastewater

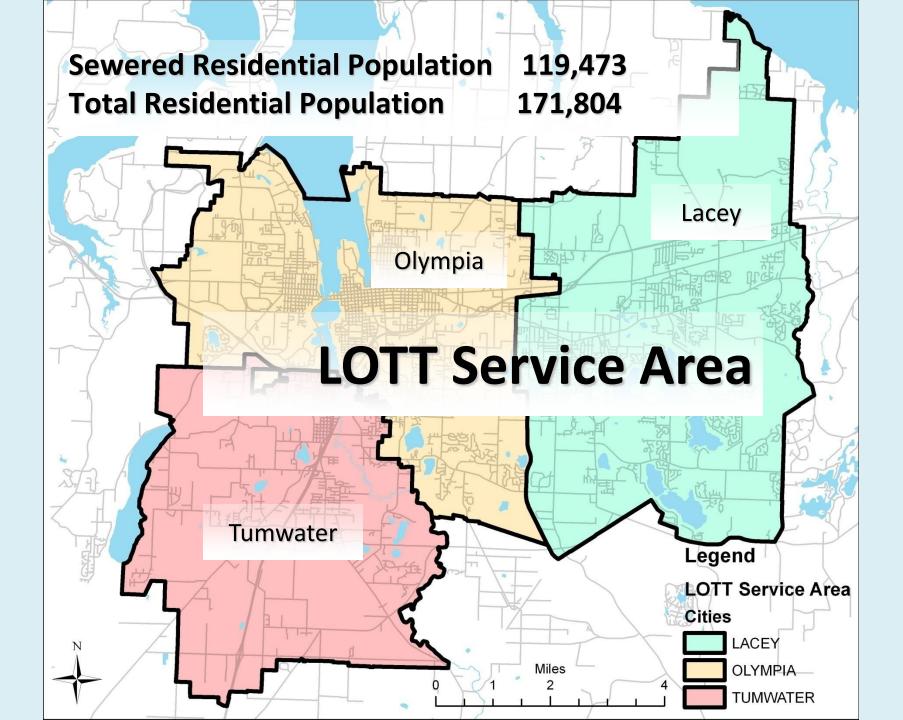


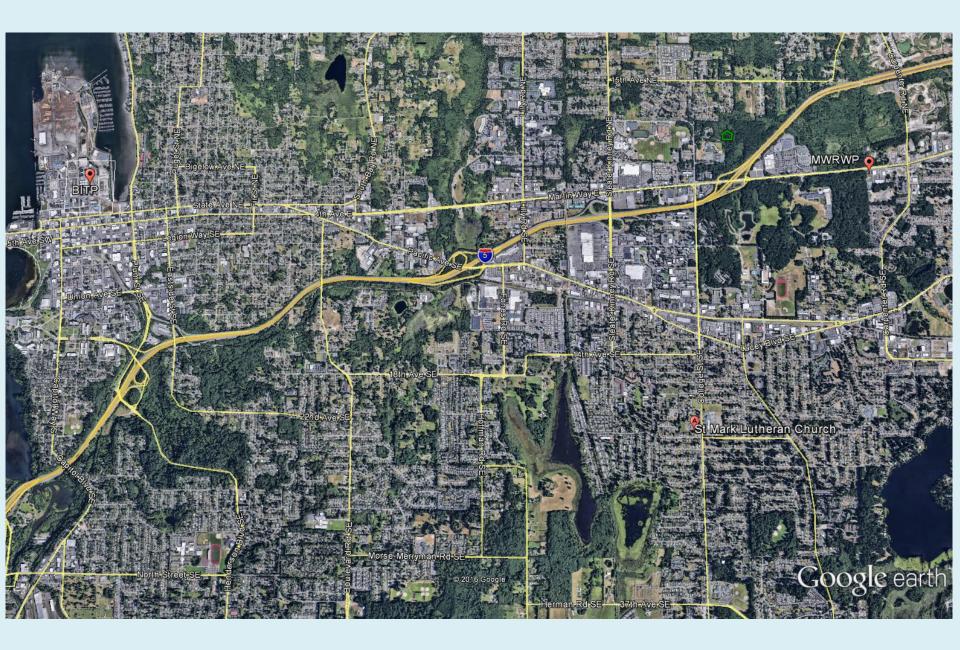
What is LOTT?

Lacey Olympia Tumwater Thurston County



Mission: Preserve and protect public health and the environment by cleaning and restoring water resources for our communities





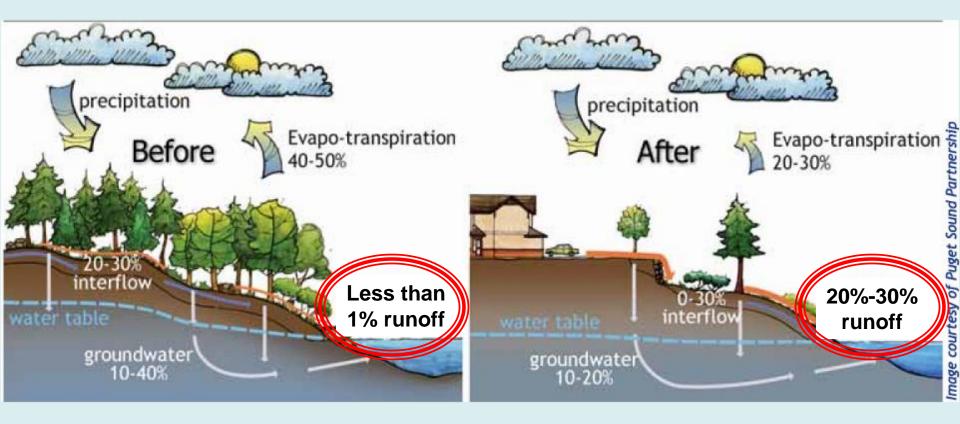
LOTT's Outfall to Puget Sound

Budd Inlet Treatment Plant

LOTT's Central Wastewater Plant



Stormwater

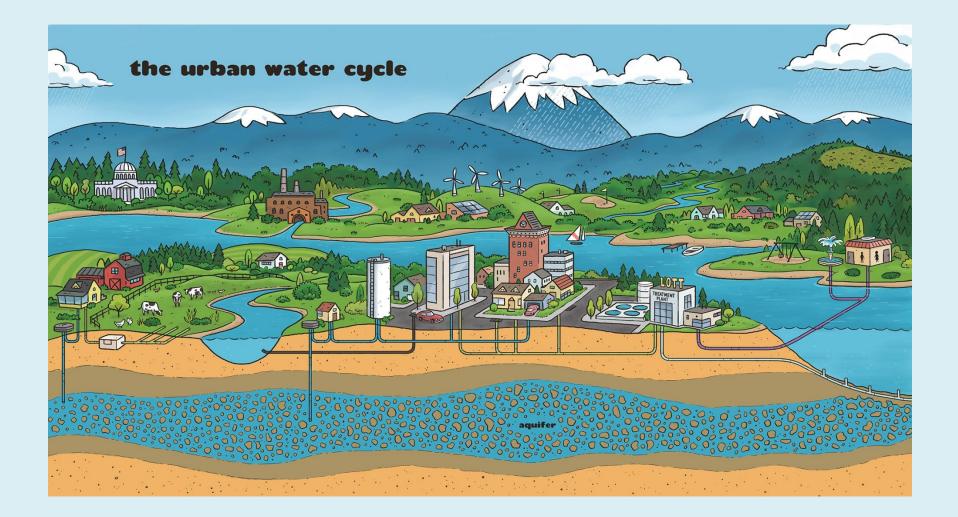








The 21st Century Water Cycle





How Can You Help Save Water?

- Drinking Water
 - Outdoor
 - Indoor

- Wastewater
 - Regional (LOTT)
 - Local (Lacey)

Water Conservation Quiz How much total water is used by Lacey customers during an average winter day?

- a) 100,000 gallons a day
- b) 5 million gallons a day
- c) 1 million gallons a day
- d) 8 million gallons a day

Water Conservation Quiz How much total water is used by Lacey customers during an average winter day?

a) 100,000 gallons a day
b) 5 million gallons a day
c) 1 million gallons a day
d) 30 million gallons a day

Water Conservation Quiz How much total water is used by Lacey customers during an average *summer* day?

a) 6 million gallons a day
b) 11.5 million gallons a day
c) 17.2 million gallons a day
d) 30.4 million gallons a day

Water Conservation Quiz How much total water is used by Lacey customers during an average *summer* day?

a) 6 million gallons a day
b) 11.5 million gallons a day
c) 17.2 million gallons a day
d) 30.4 million gallons a day

Outdoor Watering Schedule for ALL LACEY WATER CUSTOMERS

Schedule enforced: Annually, June 1 through September 30

Addresses ending in EVEN numbers

water: Sundays, Tuesdays, and Thursdays Addresses ending in ODD numbers

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.

Outdoor Water Use – How Can You Save Water Here?



Outdoor Water Use – How Can You Save Water Here?



Free Outdoor Water Conservation Kits







Commercial Irrigation Rebate Program Lacey will pay up to 50% of the cost of irrigation system upgrades that conserve water.



Maximum rebate depends on the number and size of irrigation meters.

Indoor Water Use – How Can You Save Water Here?



Indoor Water Use – How Can You Save Water Here?



Lacey Programs **Outdoor Conservation**

Tiered Water Rates

(Water Conservation Rates)

Tier 1 \$ = X \leftarrow avg home, with indoor use only

Tier 2 \$ = **2x** Tier 1

Tier 3 \$ = 3x **Tier 1** \leftarrow home with fair outdoor use

Tier 4 \$ = 4x Tier 1

 \leftarrow lrg home with some outdoor use

 \leftarrow lrg business irrigation or home with excessive outdoor use

Water Conservation Program: Wastewater

Regional Programs
Local Programs

LOTT Programs Regional Sewer Utility

Residential Rebates

- \$100 High-efficiency toilet rebates
- \$50 Washing machine rebate
- Indoor water saving kits





Commercial & Institutional Rebates

- \$100 High-efficiency toilet rebate
- WaterSmart rebates for businesses

Local Programs

Lacey Programs Indoor Conservation: For water customers on septic

FREE Water Wasting Toilet Replacement

Lacey provides a FREE High-efficiency toilet to replace old water guzzling toilets that use 3.0 or more gallons per flush.

\$50 Rebate for Energy Star Washing Machines

Lacey Programs Indoor Conservation: For water customers on septic

FREE Indoor Water Saving Kits

- 1 low-flow showerhead
 - •1 kitchen aerator
 - •1 bathroom aerator
- 2 toilet leak-detection tablets

Every Drop Counts

Questions? Kim Benedict, 360-438-2687 Kelsey Browne, 360-664-2333





Water Use at St. Mark Lutheran Church

- Water Consumption
 - Water Costs
- Our Water Infrastructure