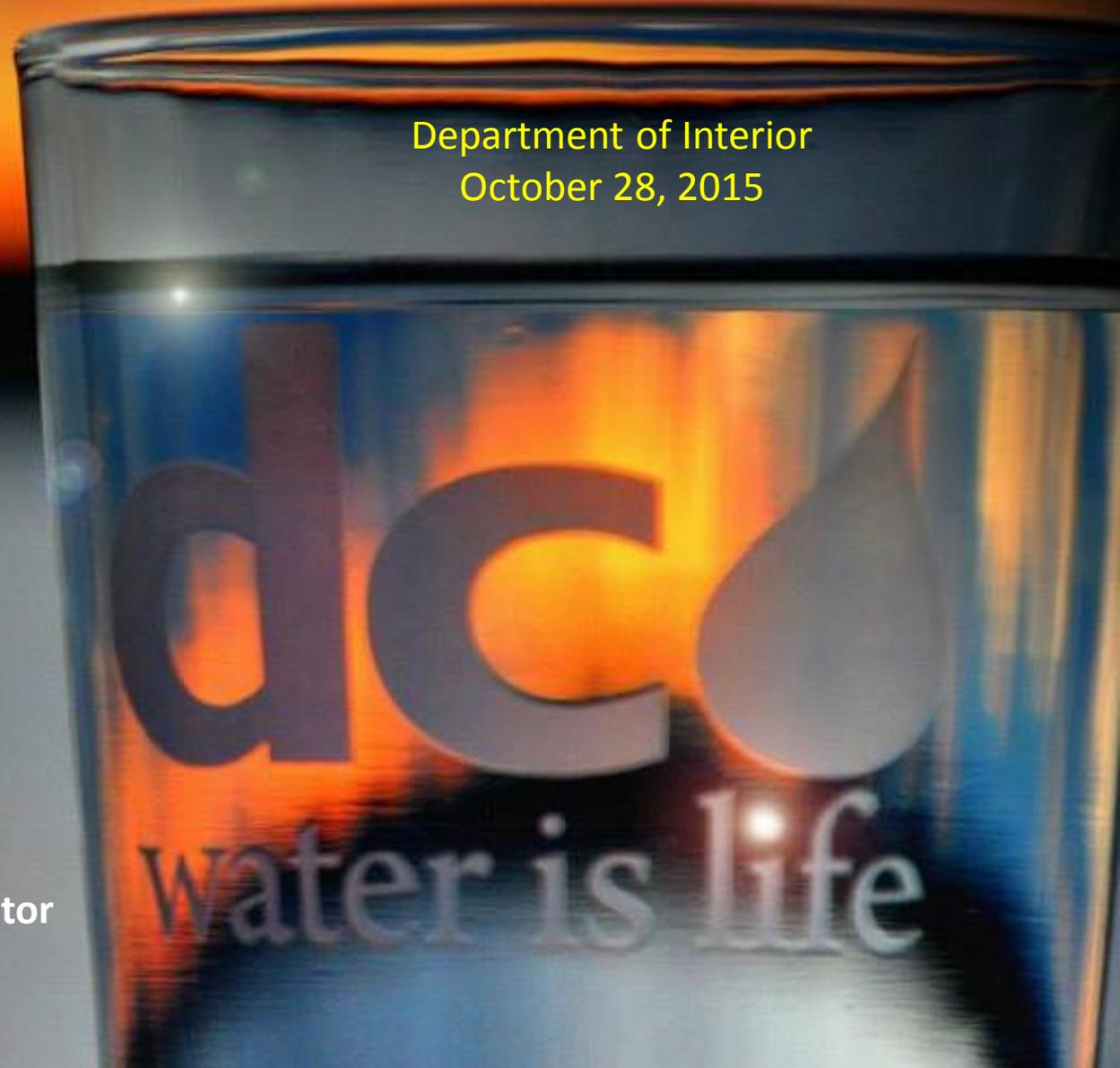


Tapping into DC's Drinking Water

Department of Interior
October 28, 2015



Nicole Kaiser
Water Communications Coordinator
DC Water



- Drinking water: source to tap
- Why tap?
- Household tips

dc 
PRIORITY
#1



**Provide
clean,
safe
drinking
water
to our
customers.**

dc  SOURCE



POTOMAC BASIN FACTS

Total basin area:
14,670 sq miles

Source water area: 11,560 sq miles (surface water only)

Surface water intakes: 77

Total population 6.11 million (2010 census)

People served by surface water sources: 5,254,600

People served by ground water sources: 855,400

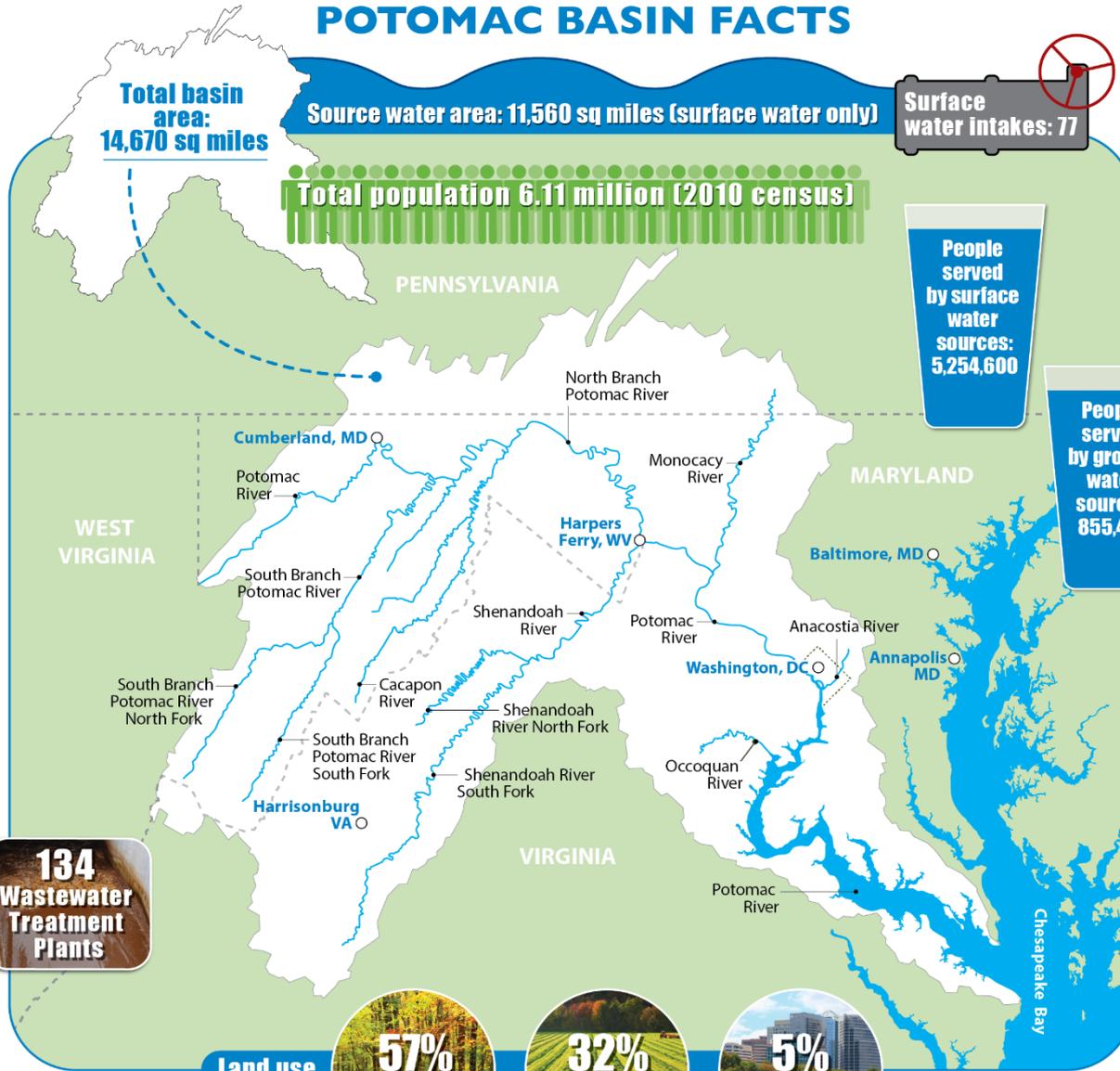
134
Wastewater Treatment Plants

Land use

57%
forest

32%
agriculture

5%
developed

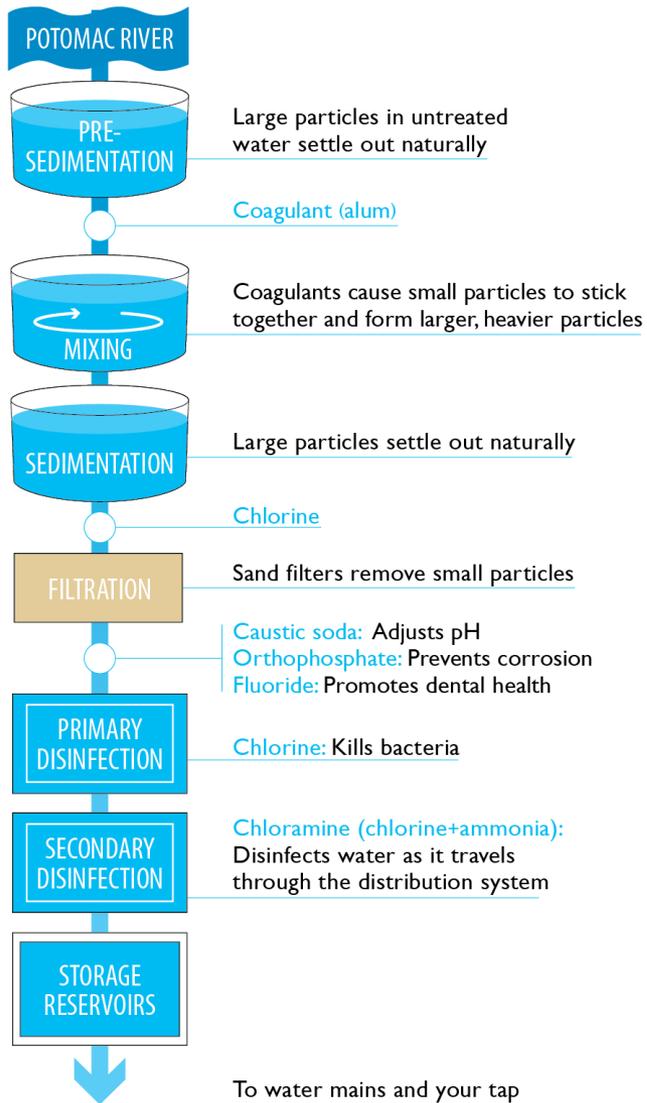




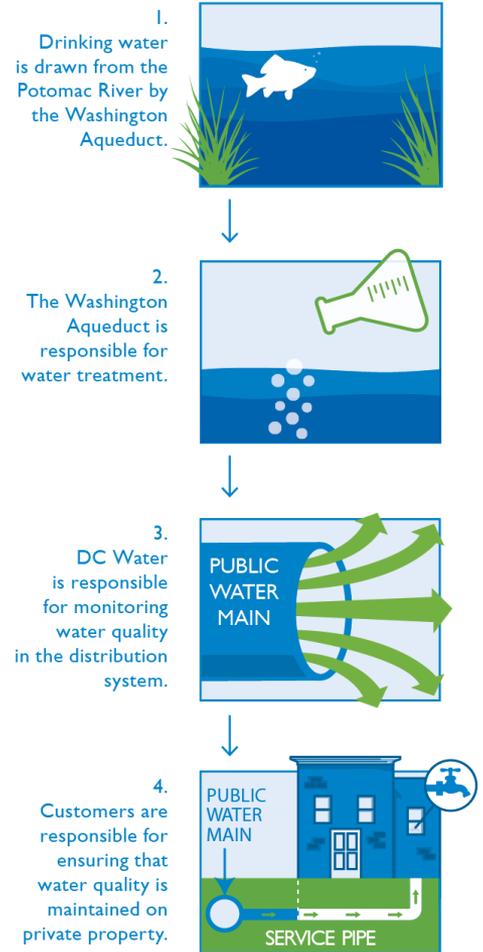
**WATER
TREATMENT
IS PROVIDED
BY THE
WASHINGTON
AQUEDUCT**



Water Treatment Process Dalecarlia and McMillan Water Treatment Plants



Drinking water quality is a shared responsibility of DC Water and residents



dc WATER DISTRIBUTION SYSTEM

Pump 95 million gallons a day
through **1,350 miles of pipes**, 4 pumping
stations and other infrastructure



enough pipes to stretch from **DC** to **Oklahoma City**
(about a 20 hour drive)

DC Water is responsible for the water after it leaves the plant.

Potomac River



Water treatment provided by the Washington Aqueduct



Distribution System



Blue Plains Regional Advanced Wastewater Treatment Plant



Wastewater Collection System



Why Tap?

1. Safety
2. Planet
3. Wallet
4. Quality

dc

water is life

THIS BOT
· BPA-FREE
· 100% RECYCLED
· MADE IN THE USA





DC Water employees work 24 hours a day, seven days a week, 365 days a year to deliver safe drinking water to the District.

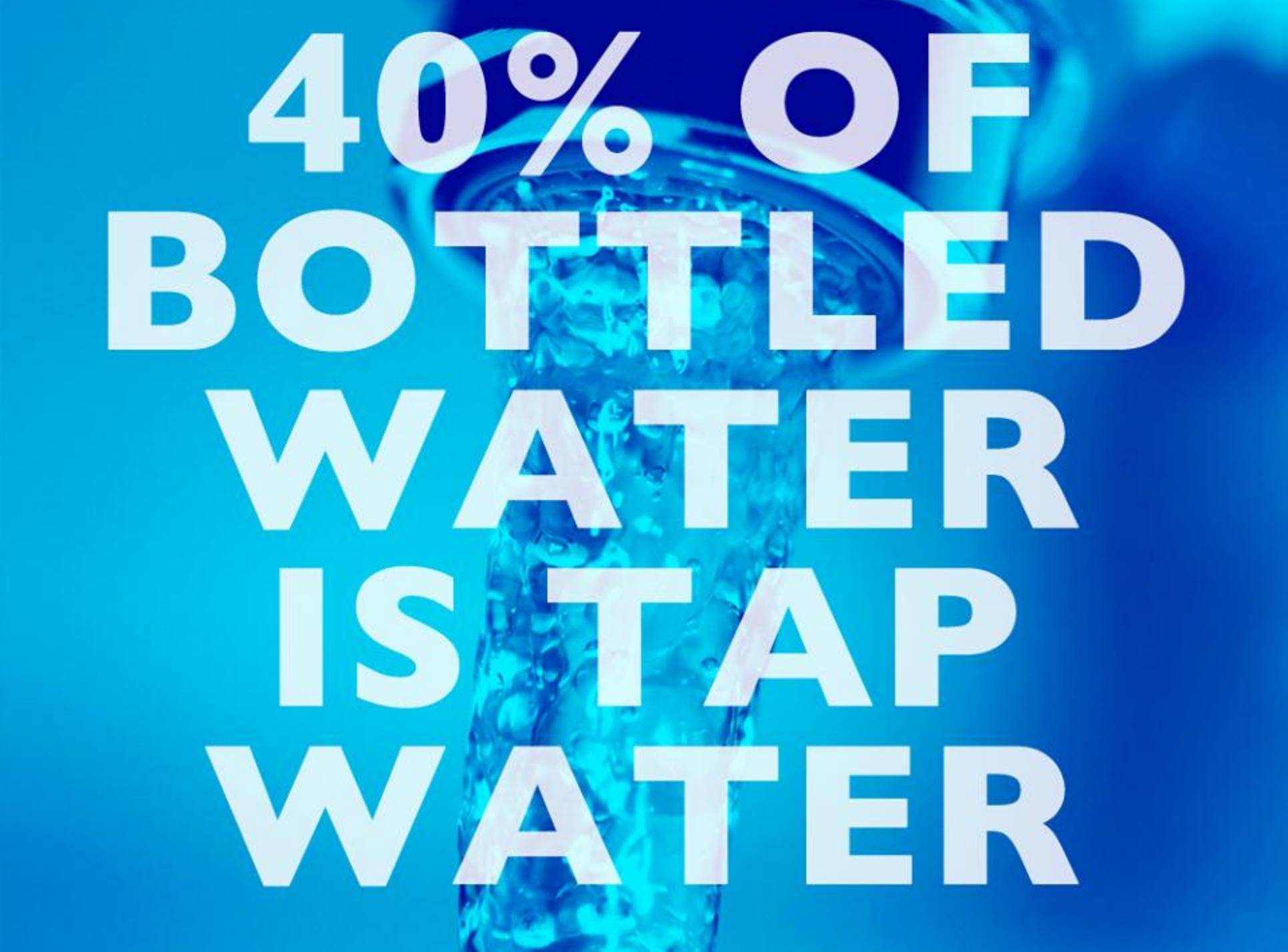
A close-up photograph of a water tap with water flowing out, overlaid with a semi-transparent blue filter. The text is centered over the image.

**WE COLLECT
5,000 SAMPLES
AND PERFORM
65,000 TESTS
ANNUALLY**

DRINKING WATER QUALITY REPORT

GET THE FACTS ABOUT
YOUR DRINKING WATER

dcwater.com/waterreport

A glass of water with bubbles rising, overlaid with a blue gradient and white text.

**40% OF
BOTTLED
WATER
IS TAP
WATER**

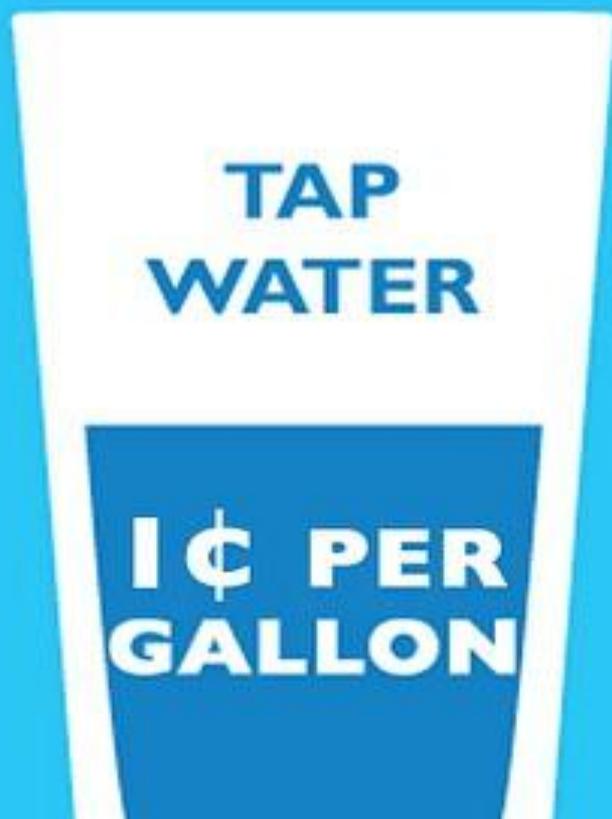
WHERE
DO YOU THINK
THOSE BOTTLES
END UP?



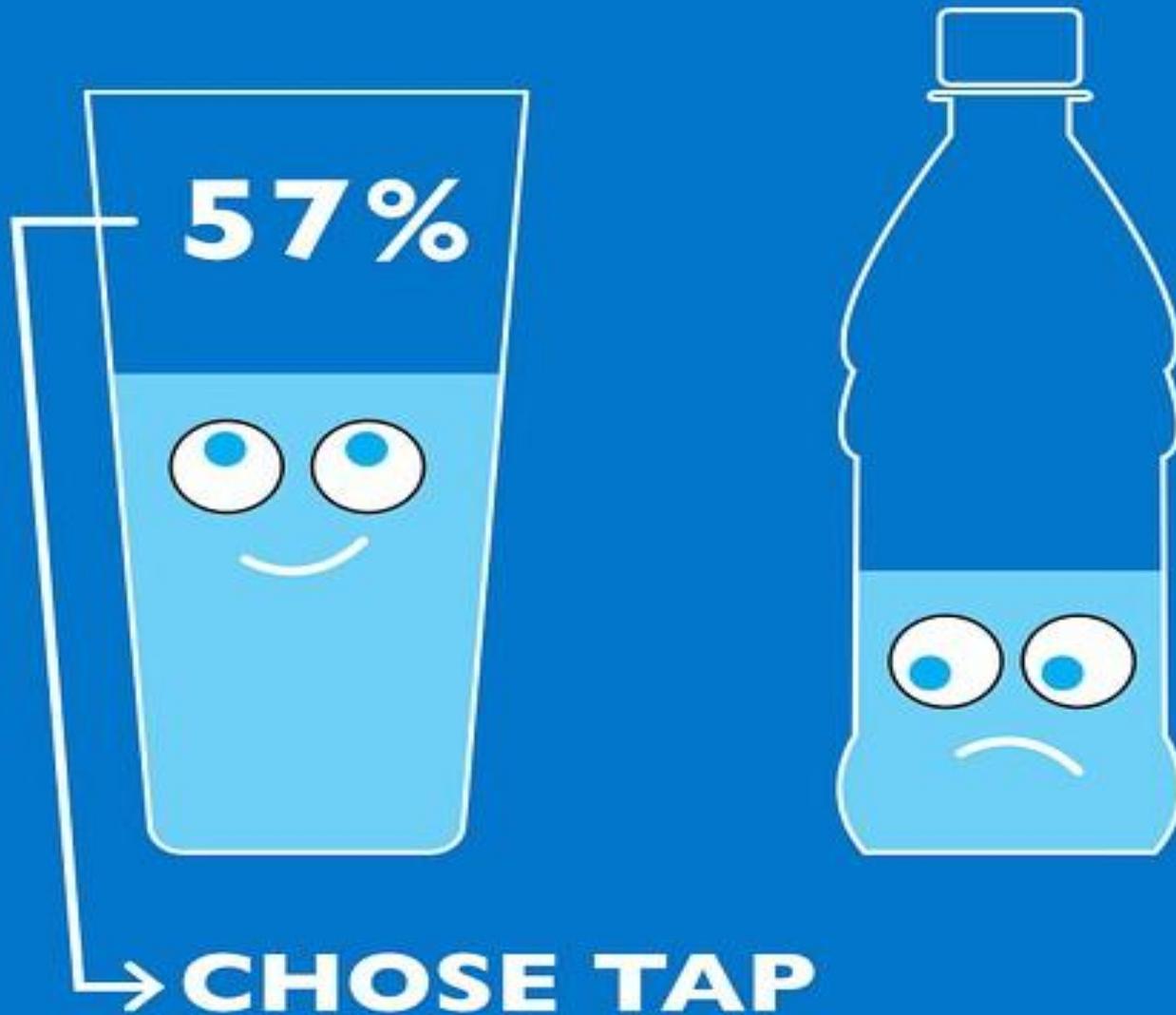
**DC residents
dispose of
300 plastic
water bottles
every minute.**



MATH WINS



700 DC RESIDENTS PARTICIPATED





must have water



Free Tap Water on the Go
-There is an app for That

download free **TapIt: Metro D.C.** app

HOUSEHOLD WATER QUALITY TIPS

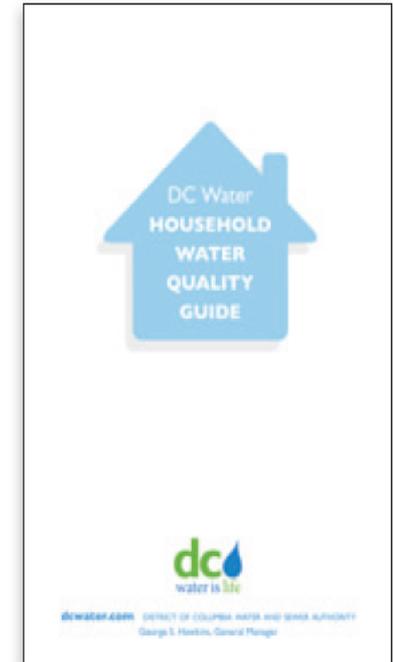
- Drink tap water. Filtered tap water is good too!
- Flush cold taps when household water is not used for several hours.
- Do not use hot tap water for drinking and cooking.
- Routinely replace filter cartridges.
- Replace old household plumbing and potential lead sources.
- Routinely clean faucet strainers.
- Drain your water heater annually.



FOR MORE TIPS, DOWNLOAD

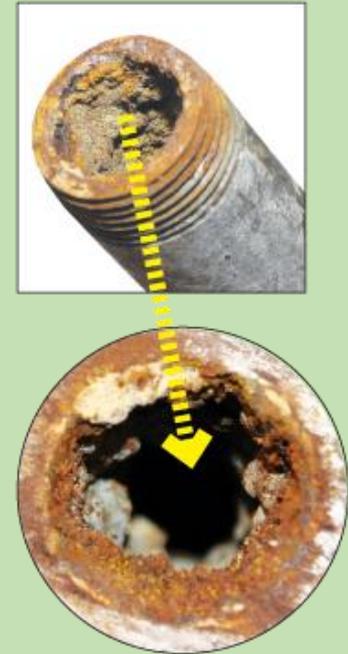
DC Water's HOUSEHOLD WATER QUALITY GUIDE

dcwater.com/homeguide
or call 202-787-2200
to request a mailed copy.



What about DOI's pipes?

- Records show that mains and service pipes are **not lead**, large public mains in the street are cast iron or steel and range in age from 50 – 100 years old.
- The Main Interior Building (MIB) and South Interior Building Filtration: Water from the main line goes through a fiber filter --> charcoal filter --> and finally, UV light
- The cafeteria that is located in the MIB has its own separate filters on ice machines that is not connected to the system in the MIB.



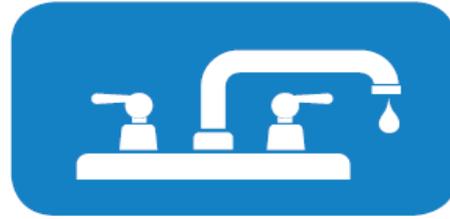
DC WATER COMMAND CENTER

(202) 612-3400



Our Command Center is staffed

24 hours a day
7 days a week
365 days a year



Simple Tips to Save Money on Your Water Bill

- 1. Identify and fix leaky faucets, showerheads and toilets.**
A leaking toilet can cost up to \$400/month.
- 2. Use water more efficiently.** Shortening daily showers by 5 minutes can save a family of four about \$15 each month.
- 3. Install water-saving fixtures, like low-flow toilets or rain barrels.** A water-efficient showerhead can save the average family \$300 per year, and it pays for itself in a few months.
- 4. Apply for discounts** on the stormwater fee and impervious area charge by completing a single application at ddoe.dc.gov/riversmartrewards or by calling **202-535-2679**.



water is life

Thank You!

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DCWATER.COM