

Plunge Into Your Future Career in Wastewater!



Brought to you by the Water Environment Federation and the American Water Works Association

Adapted from Plunge Into Your Future Career in Water – Water Environment Federation



**How important is your
“liquid” life line to you?**



Did you know about H₂O?

Worldwide Water Issues

What's Your Water Footprint?

- Freshwater makes up only 3% of the water on the Earth's surface but humans only have access to 1% of this source.
- By 2025, 2.4 billion will be living without freshwater.
- Millions of people in the world live on less than 3 gallons of water each day



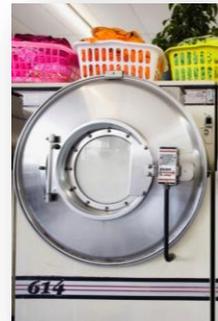
To "grow" a hamburger it takes 4,000 - 18,000 gallons!



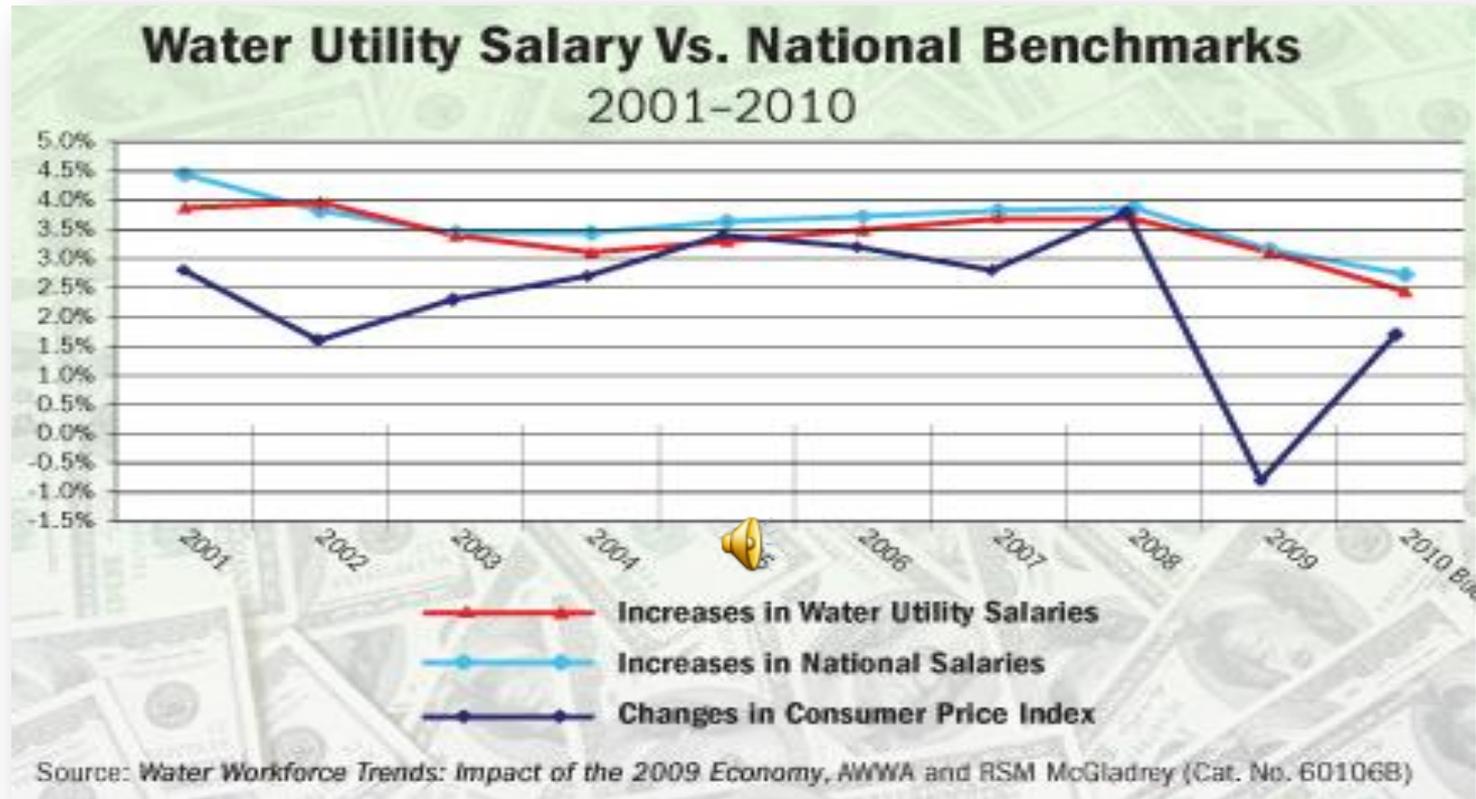
To "grow" a shirt it takes 700 gallons!



Single load of laundry takes 40 gallons!



What's cool about H₂O careers?



Hot on the tap now...

- Wastewater industry is ever-changing
- Ground-breaking technology advancements
 - Need for new wastewater leaders
- Making a difference in the world...EVERYDAY!

Do I mix with the wastewater biz?

Workplace Competencies	Academic Competencies	Personal Effectiveness Competencies
Teamwork	Math	Interpersonal Skills
Following Directions	Science	Motivation
Planning, Organizing & Scheduling	Reading	Professionalism
Problem Solving & Decision Making	Writing	Self-Development
Working with Tools & Technology	Critical & Analytical Thinking	Flexibility & Dependability



Which way do I flow?



*= Certifications are required with this position

Which way do I flow?



Civil Engineer- Average Salary \$75,187

- 4-5 year college degree in Civil Engineering or Environmental Engineering
- Professional Engineer (P.E.) License with training



Lab Technician-Average Salary \$24,400-\$56,900

- 2-4 years degree in Laboratory Science
- Some on the job training is needed

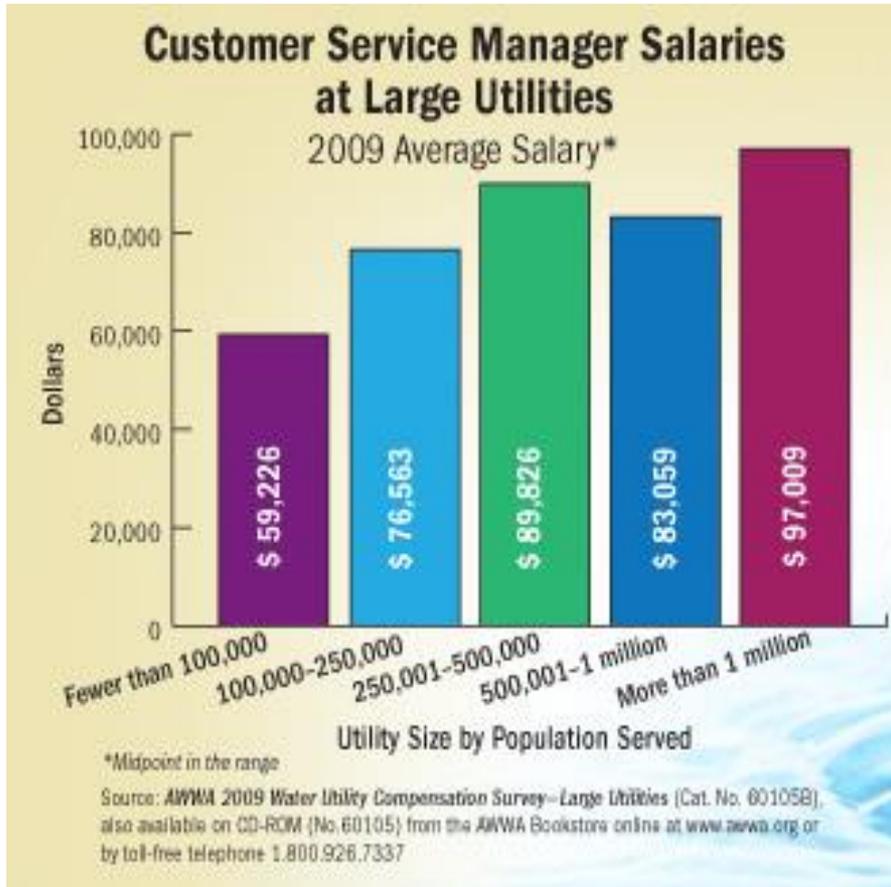


Water/Wastewater Operator-Average Salary \$40,716

- High School Diploma and/or 2 years degree in Water Quality and/or Wastewater Technology
- On the job training and certification required

EVERY career path should begin with training!

The overflowing benefits



Careers in wastewater are **SECURE!**
Careers in wastewater have room for **GROWTH!**
Careers in wastewater have **COMPETITIVE** salaries,
benefits and more!

The overflowing benefits



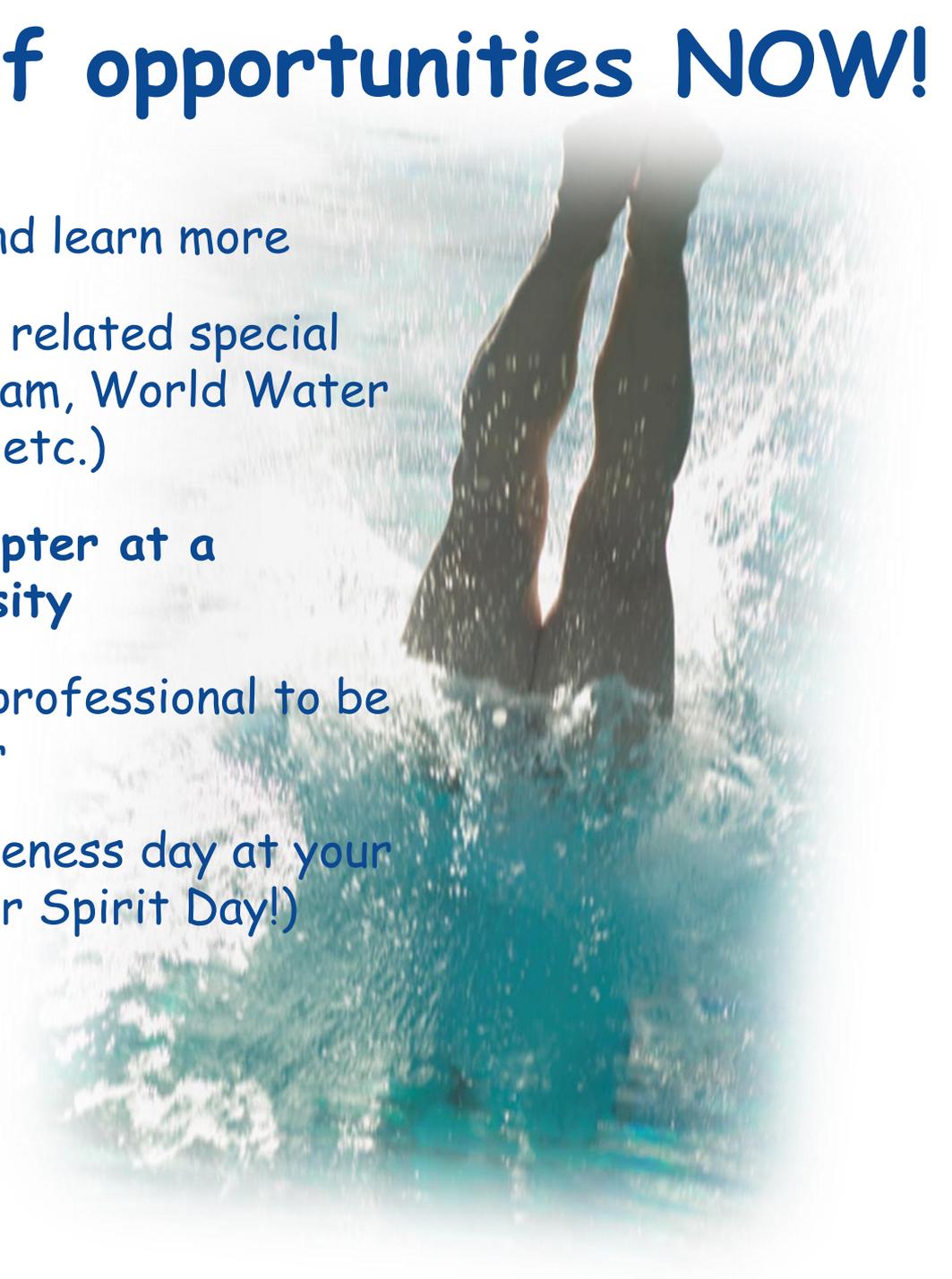
Traveling to Conferences = Endless networking opportunities

Attending workshops/seminars = Continued learning opportunities

Awards & Recognitions = Be recognized for your outstanding work
in wastewater!

Dive into a pool of opportunities NOW!

- **Attend** a career fair and learn more
- **Participate** in wastewater related special events (Sewer Science Program, World Water Monitoring Day, etc.)
 - **Join a student chapter at a college/university**
- **Connect** with a wastewater professional to be your mentor
- **Suggest** a wastewater awareness day at your school (like a Wastewater Spirit Day!)



Dive into a pool of opportunities NOW!



- **Shadow** different wastewater professionals to find your “flow”
- **Join or start** a wastewater/environmental club at your school
- **Participate** in your school's science fair (let your project be about wastewater)!

Where can I go to soak up more wastewater knowledge?



Get Started ▾ Find Colleges ▾ Explore Careers ▾ Pay for College ▾

Career Profile / Science, Math, and Technology / Environment / Water- and Wastewater-Treatment-Plant Operators

Career: Water- and Wastewater-Treatment-Plant Operators

Where does the clean water flowing out of your kitchen faucet come from? It was pumped from a lake or other natural source to a water-treatment plant. And after you use the water, it goes to a wastewater-treatment plant. At both facilities, plant operators control processes and equipment that remove pollutants from the water. They take water samples and read meters and gauges. After examining this data, they might adjust equipment or the release of chemicals to ensure that the water is safe.

And that's just a typical day. As an operator, you may sometimes have to handle emergencies, remaining calm while working in dangerous conditions.

Water-treatment-plant operators control processes and equipment that remove pollutants in water so it is safe to drink. Wastewater-treatment-plant operators perform similar duties to ensure wastewater can be returned safely to natural areas or be reused.

Did You Know?

eHow » Careers & Work » Careers » Waste Management Jobs » Wastewater Careers

Wastewater Careers

By M.W. Sand, eHow Contributor



When most people turn on a faucet, they expect clean water to flow out. People with careers in wastewater help take water from drains and sewers and turn it into the clean water that flows from the faucet. There are a number of career options in wastewater treatment, many of which require [advanced education](#) and state certification.



Visit us at
www.pueblo.us/wastewater

Recap: Wastewater works for **EVERYONE!**

- Never forget about the importance of your **liquid life line**
- There are **endless career flows**
- Bank on the **benefits** of longevity, stability and growth
- It's never too early to make **splashes** now



Tapping into your sources

Water Environment Federation, www.wef.org

Environmental Protection Agency, www.epa.org

U.S. Geological Survey, www.usgs.gov

Questions?



Call City of Pueblo Water
Reclamation Facility
for more information
719-553-2895

www.pueblo.us/wastewater