

Water Technician

Monty Douglas

Professional summary

Detail-oriented and highly skilled Water Technician with experience in water treatment, maintenance, and compliance with environmental regulations- . Adept at operating and troubleshooting water filtration systems, optimizing water treatment processes, and ensuring clean and safe drinking water.

Experience

Water Technician

March 2020 - Now
Veolia North America / Harrisburg, PA

- Conduct regular water quality testing, ensuring water meets EPA standards.
- Troubleshoot and repair mechanical issues within water treatment systems, reducing downtime by 15%.
- Coordinate with the engineering team to optimize treatment processes, resulting in a 10% improvement in system efficiency.
- Ensure the proper maintenance of SCADA systems to monitor and control water distribution networks.

Water Distribution Technician

July 2016 - February 2020
American Water / Harrisburg, PA

- Managed water distribution systems, ensuring consistent water flow and pressure across the service area.
- Performed regular inspections of pipes, pumps, and valves, identifying issues early and reducing maintenance costs by 20%.
- Installed, repaired, and replaced water meters and backflow prevention devices.

Water Treatment Operator

June 2014 - June 2016
Harrisburg Water Works /

- Operated water treatment systems, including filtration and chemical injection systems, to provide safe drinking water.
- Conducted daily water quality sampling and analysis, ensuring compliance with regulatory standards.
- Maintained accurate records of water usage and treatment processes for reporting to the local health department.

Professional Memberships

- Member, **American Water Works Association (AWWA)**
- Member, **National Rural Water Association (NRWA)**

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Education

Associate of Science in Environmental Engineering Technology

Community College of Harrisburg
Graduated: May 2014

Certifications

- **Certified Water Treatment Operator (CWT)** – American Water Works Association (AWWA), 2024
- **Backflow Prevention Certification** – American Backflow Prevention Association (ABPA), 2023
- **OSHA 30-Hour Construction Safety Certification** – Occupational Safety and Health Administration (OSHA), 2020

Skills

Water treatment and filtration systems	◆◆◆◆◆
Pump and valve operation	◆◆◆◆◆
SCADA and GIS systems	◆◆◆◆◆
Water quality testing and analysis	◆◆◆◆◆
Leak detection and system repairs	◆◆◆◆◆
Environmental health and safety compliance	◆◆◆◆◆

Languages

- ◆ Spanish (basic)

Volunteer Work

Environmental Clean-Up Project Volunteer, Harrisburg, PA (2018–Present)