



**STUDENTS AND
YOUNG
PROFESSIONALS
COMMITTEE**



**JOIN THE
WATER INDUSTRY
AND BECOME**

Laboratory Technician

CAREER INFO

**SALARY: Up to \$100K
(Entry Level)**

CWEA Laboratory Analyst Grade I or Grade II certification is recommended. The CWEA Laboratory Analyst Certification Handbook can be found online at

cert.cwea.org

Career paths, training, and job openings are available at

CAWaterJobs.org

For more information about CWEA's Students and Young Professionals Committee please visit:

syp.cwea.org

Photo by Adobe stock

JOB DESCRIPTION

A Laboratory Technician collects water and solids samples at different locations and points of a wastewater treatment plant. They conduct microbial, physical, and chemical water quality tests and provide crucial data to Plant Operators, which is used to make any necessary adjustments to treatment and disinfection processes and help ensure that the treatment plant complies with the federal, state, and local requirements.

EDUCATION REQUIREMENTS

Minimum: Equivalent of an associate degree in Chemistry, Biology, Natural Sciences, or a related field.

Suggested: Bachelor's degree in Chemistry, Biochemistry, Biology, Microbiology, and Environmental Sciences.

NOTE: Degrees are highly sought after and strengthen a candidate's application.

COURSEWORK

- Chemistry w/labs
- Biology w/labs
- Mathematics
- Physics

EXPERIENCE REQUIREMENTS

2 years of experience in an environmental laboratory is typically required.

Experience in a lab setting is crucial for developing job skills such as using Office Suite, a Laboratory Information Management System (**LIMS**), laboratory safety, quality assurance and data integrity and field sampling.

BENEFITS

- Medical benefits
- Retirement pension
- Vacation & Sick Leave accrual