



Laboratory Analyst I/II

Silicon Valley Clean Water

Full-time, Lab Analyst I, \$9,009.87 - \$10,951.20/month (\$51.98 - \$63.18/hour)

Full-time, Lab Analyst II, \$9,911.20 - \$12,044.94/month (\$57.18 - \$69.49 hour)

Depending on qualifications & experience. 2% certification incentive pay available; benefited position.

Represented by International Union of Operating Engineers, Stationary, Local 39

(ONLY 1 POSITION AVAILABLE & ONLY 1 APPLICATION NEEDED)

Silicon Valley Clean Water (SVCW) is a wastewater treatment facility located on the western shore of San Francisco Bay providing wastewater conveyance and treatment for 220,000 residents and businesses in southern San Mateo County. SVCW plays a vital role in protecting the public health of the surrounding community and the environmental health of San Francisco Bay. SVCW is a joint powers authority serving the cities of Belmont, San Carlos, Redwood City and the West Bay Sanitary District.

SVCW's laboratory staff consists of a Lab Director, Laboratory Technical and Quality Assurance Officer, two (2) Senior Analysts and four (4) Laboratory Analysts. The SVCW Laboratory is CA ELAP accredited, and performs a range of microbiological, inorganic, and wet chemistry analyses in support of wastewater monitoring and compliance.

SUMMARY

Under general supervision performs professional water, air, and solids quality monitoring and laboratory analyses that comply with all applicable QA/QC standards, legal regulatory requirements and policies. The duties of this position include sample collection, performing standard physical, chemical, biological, and bacteriological tests for process control and regulatory compliance.

The Laboratory Analyst II position is distinguished from the Laboratory Analyst I position by a higher level of expertise in performing laboratory analyses, operating the Laboratory Information Management System (LIMS), and conducting complex analyses using advanced laboratory instrumentation and technologies.

Every employee appointed to a position at SVCW shall serve at the will and pleasure of the appointing authority.

THE IDEAL CANDIDATE

- Collect a variety of samples from locations within the SVCW treatment facility.
- Analyze samples from industrial and commercial businesses, conveyance pump stations, wastewater treatment processes, final effluent, and a variety of field locations.
- Perform accurate chemical, physical, biochemical, and bacteriological analyses; follow established procedures.
- Operate a LIMS for sample login, batch generation, data entry, and data reporting. Maintain appropriate logs and records.
- Conduct air sampling for methane and H₂S at various field locations within the treatment facility and offsite locations.
- Perform sample receiving/relinquishing duties as needed. Prepare standard solutions and reagents.
- Clean, maintain, and calibrate glassware, equipment, and instruments.
- Adhere to quality control and quality assurance procedures; conduct regular quality assurance checks; and maintain a clean and safe laboratory environment.
- Perform routine and complex chemical, physical, and biological analysis. Use instrumentation to measure chemical or physical properties of various materials.
- Use word processing, spreadsheets, and specialized applications on a computer.

- Assist coworkers as needed to complete work; train coworkers; assist with method development.
- Participate in establishing applied research projects.
- Work weekends, holidays and overtime as required.
- Perform a variety of other duties as assigned.

Interpersonal Effectiveness

Effectively work in a collaborative organization focused on continuous improvement; establish and maintain a positive customer service attitude and effective working relationships with internal and external customers; demonstrate strong two-way communication skills, including the ability to listen, explain and facilitate; ability to ask for input; offer help without being asked; accept suggestions; work with others to solve problems; and provide recognition and encouragement; ability to address co-workers needs; identify issues and concerns, explore solutions and implement improvements.

MINIMUM QUALIFICATIONS

Any combination of education and experience that demonstrates possession of the requisite knowledge, skills and abilities. A typical way to obtain these would be:

for Laboratory Analyst I

- Associate degree in chemistry, bacteriology or a related field.
- One (1) year experience in a laboratory.

for Laboratory Analyst II

- Bachelor's degree in chemistry, bacteriology or a related field.
- Three (3) years' experience in a laboratory.

Certification and Licenses

for Laboratory Analyst I

- Required to obtain a CWEA Laboratory Analyst Grade I certification within 18 months of hire.
- Valid California Class C Driver's License and an acceptable driving record as defined by SVCW's Driving Eligibility Standards.

for Laboratory Analyst II

- Required to obtain a CWEA Laboratory Analyst Grade II certification within 18 months of hire.
- Valid California Class C Driver's License and an acceptable driving record as defined by SVCW's Driving Eligibility Standards.

PHYSICAL TASKS AND ENVIRONMENTAL CONDITIONS

While performing the duties of this job, the employee is regularly required to sit, walk, climb stairs and stand. The employee frequently is required to use hands and fingers to handle or feel; reach with hands and arms; and talk and hear. The employee must regularly lift and/or move up to 30 pounds. Specific vision abilities required by this job include close vision, ability to adjust focus, and to discriminate small color changes.

While performing the duties of this job, the employee regularly works in indoor conditions and regularly works near video display. The employee will occasionally be required to work in outdoor and industrial-type environments and amongst active construction sites. The employee is exposed to chemicals, fumes, and odors; occasionally works at heights, and works with and around machinery having moving parts. The employee occasionally works evenings and routinely works on weekends. The noise level in the work environment is usually minimal and on occasion moderate to high. Safety is a priority while performing all SVCW work tasks.

PRE-EMPLOYMENT PROCEDURES

The selection process may consist of an evaluation of the applicant's qualifications, appraisal board interview, written examination, practical exercise and/or internal Division interviews and reference check. Upon completion of the selection process, an offer of employment may be offered and will be conditionally based upon the successful completion of an employment and education verification, criminal background check, and a pre-employment medical exam.

HOW TO APPLY

- Application, Detailed Job Description and Job Announcement can be found on the careers page at [svcw.org](https://www.svcw.org)
 - Complete an SVCW online employment application.
A resume and cover letter will not be accepted in lieu of the Authority's application form

Filing Deadline

May 2, 2025, at 4:00 p.m. We encourage qualified applicants to apply now. Applications received after the deadline will be returned.

Application Screening and Panel Interview

Possession of the minimum qualifications does not guarantee an invitation to the next step in the selection process. All candidate materials will be carefully evaluated and only those considered best qualified will be invited to the next step in the selection process.