

Senior Chemist

DESCRIPTION

Under general supervision of the Operations Manager/Engineer, performs a variety of laboratory tests and procedures at the Polonio Pass Water Treatment Plant involving standard chemical and microbiological laboratory protocols.

LICENSE REQUIREMENTS

- Possession of a valid driver's class C license issued by the California Department of Motor Vehicles.
- One of the following requirements:
 - Possession of an AWWA Laboratory Analyst Grade II (or above) Certificate or California Water Environmental Association Laboratory Analyst Grade II (or above) or
 - A baccalaureate degree in chemistry, biochemistry, biology, microbiology, environmental, sanitary or public health engineering, natural or physical sciences plus three (3) years of experience in laboratory operation.

KNOWLEDGE OF

1. Prescribed methods for chemical, physical, and bacteriological examinations of water.
2. Instrumental methods of analysis utilizing Total Organic Carbon Analyzers, gas chromatography, spectrophotometry and other instruments and equipment common to water analysis.
3. Laboratory quality assurance/control procedures.
4. Safety procedures common to water treatment laboratories.
5. Computers and software for use in quality assurance, planning, report writing, and budgeting (e.g. Access, Excel, Word, etc.).
6. Regulations relating to water treatment, water quality, and State laboratory certification.
7. Principles of supervision necessary to organize, supervise, train, and evaluate personnel involved in laboratory work.

PHYSICAL DEMANDS

While performing the duties of this job, the employee is regularly required to physically perform the following:

- See, talk, hear; use hands to finger handle or feel, and move around the laboratory.
- The employee is occasionally required to stoop or bend while lifting items up to 50 pounds.
- The employee may be required to drive a standard passenger vehicle or pick-up truck.
- Specific vision abilities of this job include close vision and the ability to adjust focus including the ability to recognize and discern the difference between green and red.
- Sit at a computer for extended periods of time, stand for extended periods of time, and drive a vehicle for extended periods of time.
- Maneuver in and out of trenches, pits and vaults, climb stairs and ladders

ESSENTIAL DUTIES AND RESPONSIBILITIES

The following statements are intended to describe the general nature and level of work being performed by an individual assigned to this job. Other duties may be assigned.

1. Work with appropriate regulatory agencies to certify the laboratory for providing water quality analyses in the State of California. (Maintain ELAP certification.)
2. Conduct organic, chemical, physical, and microbiological examinations of water and side stream samples.
3. Prepare equipment, samples, reagents, media, solutions, and standards for use in the laboratory.
4. Collect samples from various locations around the plant as well as at various locations on the raw water conveyance and treated water pipeline, as directed by the Operations Manager/Engineer.
5. The Senior Chemist will directly supervise one Lab Analyst.
6. Implement quality assurance/control programs, write reports, and maintain records.
7. Maintain inventory of chemicals and laboratory equipment.
8. Develop and review laboratory operating procedures and policies.
9. Manage the services of outside laboratories in conducting required analysis of monthly, quarterly, and annual compliance samples.
10. Prepare the annual water quality summary report.
11. Provide monthly analytical data to Water Treatment Plant Supervisor and assist with the monthly Department of Public Health Report.
12. Monitor the condition of and perform required preventive maintenance of laboratory equipment.
13. Assist the Instrumentation Department through managing the weekly field checks of the water quality instruments within the plant, as well as perform calibrations following established protocols.
14. Assist the Maintenance Department with analyzing water samples from the plants various containment systems to determine proper disposal methods.
15. Assist the Treatment Plant Supervisor in preparing training materials for the treatment plant operators.
16. Assist the Water Treatment Department through providing appropriate analytical services to support operational decisions.
17. Assist in special studies to enhance plant and pipeline performance and efficiency.
18. Perform laboratory housekeeping activities.
19. Meet with Operations Manager/Engineer to discuss work projects and set priorities.
20. Plan, organize, and supervise laboratory operations.

EDUCATION AND EXPERIENCE

A baccalaureate degree from an accredited college in chemistry, biochemistry, biology, microbiology, environmental, sanitary or public health engineering, natural or physical sciences plus three (3) years of experience in laboratory operation is desirable. Alternative educational and experience background that would provide an equivalent skill set will also be considered.

The CCWA offers a competitive salary and benefits package. The annual salary for this position is \$76,336 - \$93,130. Appointments are based upon background and experience.

The Central Coast Water Authority is an Equal Opportunity Employer.

Submit completed application and resume:

Personnel
Central Coast Water Authority
255 Industrial Way
Buellton, CA 93427

OR

recruiting@ccwa.com

FILING DEADLINE – OPEN UNTIL FILLED

For further information you may e-mail recruiting@ccwa.com or fax CCWA at 805/686-4700.

The Central Coast Water Authority, formed in August 1991, is charged with operating and maintaining treated water facilities associated with the State Water Project and to deliver State water to Santa Barbara and San Luis Obispo Counties.

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