

POSITION: Laboratory Chemist

DEPARTMENT: Utility and Street Systems
Environmental Compliance

SALARY RANGE: \$4,615 - \$5,307 per month



DUTIES: Perform professional duties in support of water and wastewater treatment laboratory programs; perform a variety of complex chemical, microbiological and physical analyses on water, wastewater, biosolid and industrial pretreatment samples; evaluate, verify and report results to appropriate agencies; and assist in laboratory management functions. Participate in lab audits and ensure compliance with certification requirements; analyze EPA performance samples to maintain laboratory certification; operate full range of laboratory equipment; troubleshoot and diagnose equipment malfunctions; perform routine instrument maintenance and calibration; plan, direct and participate in day to day operations of assigned laboratory staff; train assigned employees in areas of work including methods, procedures and techniques. May be required to serve as quality assurance coordinator for the laboratory; supervise data generated for accuracy, quality and compliance with quality assurance program; serve as Laboratory Information Management System (LIMS) manager; assist the Environmental Lab Manager in management of the laboratory; participate in budget development; recommend changes to existing and new policies and procedures; serve as safety coordinator for the laboratory; review, update and maintain Chemical Hygiene Plan and Material Safety Data sheets; inspect laboratory facility for unsafe conditions; review work of staff to ensure compliance with safety policies and procedures; research, develop and implement disposal techniques for laboratory chemicals; develop standard operating procedures for chemical and laboratory waste disposal.

REQUIREMENTS: Equivalent to a Bachelor's degree from an accredited college or university with major course work in chemistry, biology or a science related field supplemented by three years of increasingly responsible water and wastewater laboratory analysis experience. Possession of, or ability to obtain an appropriate, valid CPR certificate. **Knowledge of:** operations, services and activities of a water and wastewater treatment laboratory testing program; principles and practices of chemistry, bacteriology, biology and physics; chemical, biological, bacteriological and physical characteristics of drinking water, wastewater and biosolids; analytical instrument theory and operational characteristics of modern laboratory instruments and equipment; principles of lead supervision and training; procedures of sample collection, preparation, preservation and analysis; pertinent Federal, State and local laws, codes and regulations; laboratory quality assurance and quality control; laboratory safety and chemical disposal techniques; principles of data collection, record keeping and report preparation; mathematical and statistical analysis; modern laboratory computer equipment and software. **Ability to:** perform complex chemical, microbiological and physical analysis on water, wastewater and pretreatment samples; review the work of laboratory staff; analyze, interpret, apply and report results of laboratory data, analyses and projects; interpret and explain laboratory policies and procedures; maintain accurate records and documentation; prepare clear and concise reports; work in accordance with appropriate safety practices and regulations; communicate clearly and concisely, both orally and in writing; establish and maintain effective working relationships with those contacted in the course of work.

PHYSICAL CONDITIONS: Primary functions may require maintaining physical condition necessary for light to moderate lifting, sitting, standing, and walking for prolonged periods of time; operating motorized vehicles.

PROCEDURE: City applications must be submitted to the City of Grand Junction Human Resources Division, located at 250 N. 5th Street, Grand Junction, CO 81501 no later than **Friday, August 22, 2008**. (970) 244-1512. For visually/hearing impaired 1-800-659-2656 (TDD); 1-800-659-3656 (VOICE). EOE