

Technical Skills	<p>Thorough knowledge of: The current principles and practices of bacteriology and chemistry, particularly as applied to water and sewage analytical laboratory work. Standard water and sewage laboratory practices, methods, techniques and terminology. The sources of information and of current literature and research developments in the field of analytical chemistry. Regulations governing Public Drinking Water, Wastewater treatment, and Laboratory Certification LIMS programs and other aspects of laboratory technology</p> <p>Ability to: Perform complex chemical analysis and set up and operate advanced laboratory instrumentation. Understand and follow oral and written instructions, formulas and charts. Supervise and instruct technical assistants in laboratory work and to maintain the work flow and standards of the laboratory. Evaluate technical data and prepare scientific research reports.</p>
Education and Experience	<p>Bachelor's degree in Environmental Science, Chemistry, Biology, Microbiology, Environmental Studies, Geology, Physics, or another discipline with coursework closely aligned to these areas and four (4) years experience performing environmental or analytical laboratory analyses, including two (2) years managing programs, projects, staff, or operations.</p>
Certificates/ Licenses/Special Requirements	<ul style="list-style-type: none"> ▪ Will be required to pass a preemployment drug screen. ▪ Must pass a background check as prescribed by the City.
Supervisory Responsibility	<p>Management is exercised over a laboratory unit</p> <p>Work is performed under general supervision.</p>
Supervision Received	<p>Note: This job description should not be construed to imply that these requirements are the exclusive standards of the position. Incumbents will follow any other instructions, and perform any other related duties, as may be required. Reasonable accommodation will be provided to qualified individuals with disabilities. The City of Kansas City has the right to revise this job description at any time. The job description is not to be construed as a contract for employment.</p>
Created	07/07
Revised	5/11, 8/2022. 01/2024, 07/2025, 11/2025