

Technical Skills

Thorough knowledge of:
The principles, methods, and standard practices applied in water, sewage, and related laboratory technology.
The use, operation, and care of standard laboratory equipment.
Current literature and research developments in water, sewage, and related laboratory technology.
The basic principles and procedures of chemistry, bacteriology, physics, and related fields as applied to water, sewage, and related laboratory work.

Considerable knowledge of:
The principles and practices applied in water and sewage control laboratory administration and the effective methods of supervision and instruction as applied to work of a small group of professional and technical assistants.

Ability to:
Establish and maintain effective working relationships with subordinates, superiors, municipal officials, and the general public.
Prepare reports of routine laboratory and research work and supervise the maintenance of required reports.
Plan, conduct, and supervise research in bacteriological, chemical, and physical methods and techniques.

Education and Experience

Accredited Bachelor's degree in an environmentally related field such as Environmental Science, Environmental Studies, Chemistry, Biology, Microbiology, Biochemistry, or related field, and five (5) years progressively responsible laboratory experience in organic and inorganic chemistry, environmental toxicology, and responding to environmental regulations, including three(3) years of supervisory experience.

OR

High school graduation and and nine (9) years progressively responsible laboratory experience in organic and inorganic chemistry, environmental toxicology, and responding to environmental regulations, including three(3) years of supervisory experience.

**Certificates/
Licenses/Special
Requirements**

- Must pass a physical examination as prescribed by the City.
- Will be required to pass a preemployment drug screen.
- Must pass a background check as prescribed by the City.

**Supervisory
Responsibility**

Supervision is exercised over a small group of professional, technical, and other employees.

**Supervision
Received**

Work is performed under the general supervision of an administrative superior.

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.

Created 9/06

Revised 5/11, 7/11,8/2022 , 01/2024, 07/2025

