

CLASS TITLE: ENVIRONMENTAL MONITORING TECHNICIAN II

PURPOSE OF THE CLASSIFICATION: Under general supervision performs technical and analytical subprofessional engineering work in support of environmental programs involved in industrial/commercial waste and stormwater quality, stream and potable water distribution system and hazardous material monitoring to ensure compliance with all environmental regulations and other related assigned duties.

ESSENTIAL TASKS:

- Acts in the role of lead person in field monitoring activities and provides leadership, training, guidance and technical support to others
- Sets up, collects, preserves, transports and documents drinking, surface, waste and stormwater samples to ensure sample collection procedures comply with approved quality assurance and control techniques
- Programs, operates and maintains remote automated sampling and flow monitoring equipment
- Prepares reports and maintains computerized database information and electronic/hard copy files to query, generate, track and document pertinent sampling information according to prescribed procedures
- Conducts monitoring activities to locate problem waste sources in the storm and sanitary sewer systems
- Inspects industrial facilities and wastewater pretreatment systems
- Conducts habitat assessments and collects macro-invertebrate/fish samples in accordance with state requirements
- Performs use support assessment protocols for compliance with designated beneficial uses of urban streams
- Follows chain of custody and other established procedures in accurately completing and submitting forms, log books, bench sheets and other detailed records
- Investigates the source and accurately documents discharges/releases of environmental pollutants
- Testifies in a court of law as an expert witness
- Investigates customer complains regarding drinking water quality
- Conducts a variety of field tests utilizing, calibrating and maintaining specialized analytical instrumentation
- Operates a City vehicle
- Must report to work on a regular and timely basis.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.

QUALIFICATIONS:

Training and Experience: Graduation from high school or possession of a General Educational Development Certificate (GED), completion of twenty (20) hours of college accredited coursework to include math, science and/or computers and one (1) year of experience as an Environmental Monitoring Technician I for the City of Tulsa or similar experience. Refer to the Environmental Monitoring Technician progression criterion document for additional requirements.

Knowledge, Abilities and Skills: Comprehensive knowledge of the principles and practices of environmental engineering, chemistry, hydraulics and related environmental rules and regulations; considerable knowledge of the principles and practices of multiple environmental collection, treatment and distributions systems; and considerable knowledge of various computer software applications; and good knowledge of sampling and laboratory analysis techniques. Ability to conduct tests utilizing specialized equipment; ability to keep accurate records and statistical data and perform accurate calculations; ability to read and interpret engineering atlas plans, maps and specifications; and the ability to understand and influence the behavior of others within the organization, customers or the public in order to achieve job objectives and cause action or understanding. Applicant must possess skill in performing mathematical computations.

Physical Requirements: Physical requirements include arm and hand steadiness and finger dexterity enough to use a keyboard and telephone; frequent lifting up to 50 pounds; frequent carrying up to 30 pounds with occasional carrying up to 60 pounds; occasional pushing and pulling up to 60 pounds; may be subject to walking, standing, balancing, bending, kneeling, crawling, handling, feeling, climbing, smelling and twisting; and vision, speech and hearing sufficient to perform the essential tasks.

Licenses and Certificates: Possession of a valid Oklahoma Class "D" Operator's License; and obtain a Class "C" Water and/or Wastewater Laboratory Operators license as issued by the Department of Environmental Quality (DEQ) within time allotted by law; and an OSHA 40 hour Hazardous Waste Operator's Certification.

WORKING ENVIRONMENT: Working environment is primarily outdoors and in inclement weather and occasionally indoors with exposure to machinery, potentially hazardous fumes and chemicals, slippery surfaces and confined spaces; requires traveling to various locations to collect and deliver samples; and may be subject to call-back.

Class Code: 3574

EEO Code: N-03

Pay Code: ST-27

Group: Engineering, Planning, and Technical

Series: Subprofessional Engineering and Technical

Effective Date: July 21, 2021