



COOK COUNTY, ILLINOIS

Environmental Engineer IV Opportunity in Chicago

Cook County's Office of the President is seeking an **Environmental Engineer IV** to join our team.

Cook County offers great benefits and the chance to participate in a strong tradition of public service. Cook County is home to more than five million residents, roughly 45% of Illinois' population. Cook County Government provides a range of vital services and programs that enhance the quality of life for residents across the region. These services range from health care to urban planning. Cook County is committed to empowering its employees to bring our constituents the best that public service has to offer.

Supervises and coordinates subordinate levels of environmental control engineers and technical support personnel responsible for the enforcement of Federal, State, and County environmental protection laws as related to environmental engineering pollution inspections wherein previous inspections reported emissions of a problematical nature for non-abatement of pollutants into the environment. Serves in the capacity of an assistant deputy director for the operation of the department. Oversees and coordinates environmental administrative review hearings as a hearing officer coordinates personnel matters for the department. Provides technical assistance to the general public pertaining to environmental protection guidelines, standards and methods for abating or controlling emission pollutants. Trains new environmental control engineers and technical support personnel relative to the policies and procedure of the department

How do I apply?

Please submit a Cover letter and Resume to 118 N. Clark St., Room #840, Attn: Regina Crider. You can also email the two required documents to Regina.Crider@cookcountyil.gov. The position description can be found on the right side of this page under the Download option.

When are Resumes due?

Until Filled.

SNAPSHOT OF COOK COUNTY:

- Cook County employs over 22,000 employees who work in a variety of skilled jobs and trades.
- Health Care – Cook County established the nation’s first blood bank in 1937. Cook County Hospital was the first to have a dedicated unit for trauma services. Today our healthcare system treats more cancer patients than any other provider in the metropolitan area.
- Technology – Cook County’s Bureau of Technology provides technology support to Cook County offices and employees, with its wide area network providing service to more than 120 municipalities.
- Courts – Cook County oversees one of the nation’s largest unified criminal and civil justice system and administers the largest single jail site in the country.
- Highway – Cook County maintains almost 600 miles of roads and highways.
- Land – Cook County assesses the value of more than 1.5 million parcels of taxable land and collects and distributes tax funds as a service for local government taxing bodies.
- Safety – Cook County provides vital services to local government, from conducting elections in suburban areas to offering 911 services in unincorporated areas and municipalities.

Location:

Located in the Loop District of downtown Chicago, one of the most formidable business districts in the world, the area has an astounding number of cultural foundations, stunning parks such as Millennium Park and Maggie Daley Park, steps away from the Chicago Riverwalk, award-winning restaurants and plenty of shopping!

In addition, Chicago is serviced by multiple bus and train lines for public transportation from the suburbs to the city, taxis are plentiful, public parking garages for motorists, and bicycle share rentals and local bike lanes for bicyclist.

Benefits:

Cook County employees have access to a variety of benefits, including:

- Medical and Pharmacy Plans
- Dental Plans
- Vision Plan
- Flexible Spending Accounts – Health Care and Dependent Care
- Life Insurance – Group Term and Supplemental Life
- Commuter Benefits
- Pre-paid Legal Services
- Retirement Benefits

Post Offer testing:

All new employees will be required to submit to a satisfactory drug test and background check, based on reports obtained from law enforcement authorities. The reports are based on results from fingerprints taken from all new hires.

COUNTY OF COOK



Bureau of Human Resources

118 N. Clark Street, Room 840
Chicago IL 60602

Job Code: 1441
Job Title: Environmental Engineer IV
Salary Grade: 22
Bureau: Administration
Department: Environmental Control & Sustainability
Dept. Budget No. 161
Position I.D. 9502181
Shakman Exempt

Characteristics of the Position

General Overview

Supervises and coordinates subordinate levels of environmental control engineers and technical support personnel responsible for the enforcement of Federal, State, and County environmental protection laws as related to environmental engineering pollution inspections wherein previous inspections reported emissions of a problematical nature for non-abatement of pollutants into the environment. Serves in the capacity of an assistant deputy director for the operation of the department. Oversees and coordinates environmental administrative review hearings as a hearing officer coordinates personnel matters for the department. Provides technical assistance to the general public pertaining to environmental protection guidelines, standards and methods for abating or controlling emission pollutants. Trains new environmental control engineers and technical support personnel relative to the policies and procedure of the department.

Key Responsibilities and Duties

Supervises and coordinates subordinate levels of environmental control engineers and technical support personnel responsible for inspecting and identifying source pollutants by industrial and commercial enterprises relevant to the enforcement of federal, State, and County environmental protection laws as applicable to the respective code requirements.

Assigns workloads, per complaint or annual inspection, to environmental control engineer and technical support personnel, monitors their work activities as to timeliness and completeness of supportive environmental documentation.

Supervises the examination and evaluation of the operational condition and performance of industrial processing, combusting, and incinerating equipment which emit atmospheric pollutants into the environment; review source emission testing reports respective to industrial and commercial enterprises.

Prepares comprehensive analytical written reports detailing investigatory environmental engineering pollution inspections which are subject to administrative review and determination for subsequent course(s) of action.

Reviews construction permits for industrial process, combustion, and incineration equipment relevant to accuracy of specifications and compliance to environmental protection laws.

Oversees and coordinates preparations for administrative review hearings relevant to cited violations of environmental control regulations respective to industrial and commercial enterprises; acts as a hearing officer in the administrative review hearing process pertinent to environmental compliance; assists with the preparation and assembly of material for court proceedings related to enforcement of the environmental protection laws; appears at court proceedings to testify as an expert witness.

Provides technical assistance to the general public pertaining to environmental protection guidelines, standards, and methods for abating or controlling emission pollutants into the environment.

Trains new environmental control engineer and technical support personnel relative to the policies and procedures of the department; schedules the assigned staff for environmental training seminars in conjunction with environmental certifications particular to course(s) of study.

Knowledge, Skills and Abilities

Considerable knowledge and experience of Federal, State, and County laws legislating environmental protection regulations.

Considerable knowledge and experience of engineering principles and practices to analyze blueprints and specifications of industrial and commercial enterprises.

Skill in the use of a hand held scientific (mathematical) calculator; skill in the use of computer and scientific software.

Skill in the application of appropriate reference material to extract necessary formulas and information to calculate emission rates relevant to environmental pollution control.

Skill in operating various portable monitors and measurement devices and interpreting instrument readings in regard to pollution control.

Ability to operational evaluate technical diagrams, drawings, and sketches of industrial process, combustion, incineration, and related control equipment.

Skill in communicating both verbally and in writing with the general public respective to the mandates of Federal, State, and County environmental protection laws.

Skill in preparing comprehensive analytical written reports relative to investigatory environmental engineering pollution inspections.

Ability to supervise and coordinate work activities of the assigned professional and technical personnel to carry out the objectives and goals of the department in a timely manner.

Ability to train staff members in the policies and procedures of the department.

This position requires various types of physical exertion, including but not limited to lifting, pulling, pushing, climbing and moving objects of moderate to heavy weight.

This position requires moderate to extensive travel to work assignments throughout Cook County, for which the employee must provide his or her own adequate means of transportation.

Minimum Qualifications

Graduation from an accredited college or university with a Bachelor's degree PLUS a minimum of two (2) years of professional work experience **OR**, an equivalent combination of professional work experience, training and education.

Preferred Qualifications

Master's degree.

Five (5) years professional training, and/or professional work experience in areas related to administration and environmental control.

Supervisory or managerial experience.

Physical Requirements

Sedentary Work

Sedentary Work involves exerting up to 10 pounds of force occasionally or a negligible amount of force frequently to lift, carry, push, pull, or otherwise move objects. Sedentary work involves sitting most of the time, but may involve walking or standing for brief periods of time.

The duties listed are not set forth for purposes of limiting the assignment of work. They are not be construed as a complete list of the many duties normally to be performed under a job title or those to be performed temporarily outside an employee's normal line of work.