



COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

ENVIRONMENTAL SCIENTIST ADVISOR

Job Number: 21000679

Job Code: 30680V230916

Job Group: 3000 - AGRICULTURAL AND ENVIRONMENTAL

Job Established: 09/16/2014

Job Revised: 09/16/2023

Grade: 16 Salary (MIN - MID):

\$26,031-\$39,047 - Hourly

\$4,230.04-\$6,345.14 - 37.5 Hr. Monthly Salary

\$4,512.04-\$6,768.16 - 40 Hr. Monthly Salary

Special Entrance Rate:

NONE

NONE

NONE

PROBATIONARY PERIOD:

This job has an initial and promotional probationary period of 6 months, except as provided in KRS 18A.111.

CHARACTERISTICS OF THE JOB: *Characteristics of a job are general statements indicating the level of responsibility and discretion of positions in that job classification. These are not intended to be an exhaustive list.*

Serves as a technical advisor to staff and agency stakeholders in the implementation of scientific programs and projects at a statewide or regional level. Serves as an expert in the development of guidelines and procedures relating to environmental programs; performs other duties as required.

MINIMUM REQUIREMENTS:

EDUCATION:

Graduate of a college or university with a bachelor's degree in a natural, biological or physical science OR Graduate of a college or university with a bachelor's degree including or supplemented by 20 semester hours in a natural, biological or physical science.

EXPERIENCE, TRAINING, OR SKILLS:

Five years of experience in natural resources, environmental control, or a related area.

Substitute EDUCATION for EXPERIENCE:

Graduate study in a natural, biological, or physical science will substitute for the required experience on a year-for-year basis.

Substitute EXPERIENCE for EDUCATION:

Experience in natural resources, environmental control, engineering, or a related area will substitute for the required education on a year-for-year basis.

SPECIAL REQUIREMENTS (AGE, LICENSURE, REGULATION, ETC.):

NONE

EXAMPLES OF DUTIES OR RESPONSIBILITIES OF THE JOB CLASSIFICATION: *Examples of duties or responsibilities are not to be construed as describing what the duties or responsibilities of any position shall be and are not to be construed as limiting the appointing authority's ability to assign, or otherwise alter the duties and responsibilities of a position. This is not intended to be an exhaustive list.*

Serves as a technical advisor responsible for implementing scientific programs and studies on a statewide or regional basis. Provides expertise in the development of guidelines and procedures relating to established environmental program(s). Conducts remediation and reclamation investigations and reviews and monitors clean-up plans. Reviews contractor's plans and specification for technical accuracy and compliance with federal and state laws and regulations. Makes computer model estimates of activities as they relate to existing and predicted pollution levels and health effects. Develops and monitors agreed orders, demand letters, corrective actions, orders, and other correspondence to facilities regulated by state and federal regulations. Attend meetings, hearings, and meets with officials, public agencies, private landowners, and industries to discuss activities that will affect natural resources, energy development, and the environment. Evaluates permit, projects, authorizations, and certification applications to determine compliance with existing regulations, promote pollution prevention, resource extraction, remediation, reclamation, mitigation, and energy efficiency. Evaluates projects, procedures, monitors plans and specifications, and investigates for compliance. Leads the development and implementation of environmental plans for projects. Leads the implementation of the statewide operation, maintenance, and control of monitoring network and equipment. Research policies and regulations and evaluates projected impacts on monitoring and sampling design, analysis, and reporting. Responds to all complaints and conducts investigations to determine compliance with applicable regulations, and reports on findings. Recommends corrective actions and issues non-compliance citations. Conducts professional studies and environmental monitoring to include the collection, evaluation, and interpretation of samples, surveys, and related data; recommends corrective measures to initial compliance. Evaluates and reviews environmental surveys for compliance with regulatory requirements. Provides expert legal testimony relation to compliance issues. Researches and produces analysis of programs and information to draft portions of state plan revisions. Analyzes and investigates monitoring network and data. Evaluates, summarizes, and communicates quality assurance and data concerns to stakeholders. Advises on monitoring data, sampling methods, new technologies, and sampling designs. Reviews, analyzes, drafts amendments to administrative regulations, associated documents, and response to comments from the public. Coordinates and attends public hearings and meetings. Prepares reports on federal regulation impacts to state programs. Provides regulation information and changes to staff, other governmental agencies, and general public. Collects and analyzes scientific data and makes recommendations for remediation of contaminants. Maintains the operation of monitoring networks to include monitoring stations, data loggers, calibrators, and periodic samplers. Conducts assessments of monitoring networks to evaluate design for redundancies and deficiencies. Reviews monitoring reports, emission reports, and test reports and issues inspection reports.

UNIQUE PHYSICAL REQUIREMENTS:

Any unique physical requirements necessary to perform the duties of a specific position will be listed on the individual position description, if applicable.

TYPICAL WORKING CONDITIONS: *Incumbents in the job will typically perform their job duties under these conditions.*

Work is typically performed in an office setting. Incumbents in this class may perform work in the field with frequent travel on a statewide basis. An incumbent in the position may be subject to adverse weather conditions, exposure to snakes and insects, water-borne pathogens, broken glass, rusty metal in streams, and hazards common to operation of electro-fishing equipment, which requires the following of safety procedures.

ADDITIONAL REQUIREMENTS:

Upon employment, employees in this job classification may be required to maintain a valid driver's license and may be required to drive a licensed vehicle. This status may be necessary for the length of time in this job classification. If this is necessary, it will be listed in the specific position description for the position at issue. Applicants and employees in this job classification may be required to submit to a drug- screening test and background check. Applicants and employees in positions which perform job duties that may require contact with offenders in the custody or supervision of the Department of Corrections or with youth in the care, custody, or supervision of the Department of Juvenile Justice must meet qualifications pursuant to the federal Prison Rape Elimination Act, 28 C.F.R.115.17 and 115.317.

The Commonwealth of Kentucky does not discriminate on the basis of race, color, sex, disability, age, national origin, religion, sexual orientation, gender identity or expression, pregnancy or related medical condition, marital or familial status, ancestry, political affiliation, genetic information, or veteran status in accordance with state and federal laws.