

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES
CLASS SPECIFICATION

ENVIRONMENTAL PROTECTION SPECIALIST III

POSITION CODE: 13823
Effective: 7-1-2022

DISTINGUISHING FEATURES OF WORK:

Under direction, coordinates a project team in the performance of professional duties of a highly technical, scientific, sensitive or unique nature related to the investigations of environmental control systems or independently performs professional duties of a highly technical, scientific, sensitive or unique nature related to the investigation of environmental control systems; confers with higher level agency staff in drawing conclusions on recommendations for approval or denial of permits, variances and environmental restoration actions, and development of new or revised pollution control standards; functions as a staff member in a group composed of a variety of professional personnel engaged in the execution of specialized pollution control activities; may serve as lead worker; travels as necessary to meet the operational needs of the agency.

ILLUSTRATIVE EXAMPLES OF WORK:

1. Plans, directs and coordinates the activities of a small staff of professional and technical staff involved in the performance of duties in an ongoing or project team basis related to a highly technical, scientific and frequently sensitive or unique investigation of environmental control systems; provides technical assistance and leadership to staff; provides technical assistance to the regulated community with regard to fundamental knowledge of rules and statutory provisions associated with those facilities; independently performs advanced technical review of permit applications, modifications, permit amendments, permit transfers, hydraulic fracturing, Class II injection wells and other permits required under the Oil and Gas Act. Independently performs advanced technical review of requests for temporary abandonment of Class II injection and production wells to ensure compliance with state regulations. Provides technical assistance involved in survey and inventory work on abandoned mine sites.
2. Functions as a member of professional staff performing field activities at facilities, sites and locations of pollution sources and their resultant effects on the environment; travels to work site as operational needs dictate.
3. Develops, prepares and reviews technical and scientific reports incorporating survey data, quality measurements, laboratory test results, and point source pollution problems on field investigations; answers routine and novel inquiries from complainants, facility operators, owners or their representatives, contractors or general public; develops technical reports serves as staff consultant in the design of effective abatement measures for routine hazards associated with mine related problems including slope stability, subsidence, shaft openings and refuse fires; assists in the preparation of technical data to be utilized in court cases by collecting data; and serves as a witness in court cases; reviews and evaluates annual fluid injection reports, issues notice of violations for non-compliance with state and federal regulations.

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4. Consults with higher level agency staff in drawing conclusions for recommendations for approval or denial of permits or variances and the development of new or revised pollution control standards.
5. Prepares technical data to be utilized in hearing cases or court cases; serves as expert witness in hearings or court cases when requested to do so; presents testimony concerning projects reviewed, findings of inspections, and/or investigations of alleged pollution violations.
6. Explains and interprets agency's program and policies concerning pollution control or pollution abatement to the regulated community; local, state and federal officials; and the general public.
7. Provides training opportunities and experiences for lower level staff; serves as designated lead worker; assigns and reviews work, provides guidance and training to assigned staff; advises immediate supervisor regarding performance of staff; serves as an instructor or resource person in training programs, workshops and seminars, including such programs provided for community, municipal or other public groups.
8. Reviews complex technical data, reports, applications and supporting documents to provide findings and recommendations for submission to supervisors and agency management; designs and implements construction drawings and written specifications to abate mine related problems based on the finding of the field and research information; designs and implements an effective monitoring system to evaluate ground and structural movements in order to define the nature of damages and hazard potential; oversees construction for quality control and contract compliance on emergency reclamation projects.
9. Attends and participates in staff meetings, conferences, seminars, training sessions, etc., in order to increase professional experience and knowledge.
10. Performs other duties as required or assigned which are reasonably within the scope of the duties enumerated above.

DESIRABLE REQUIREMENTS:

Education and Experience

Requires knowledge, skill and mental development equivalent to the completion of four years of college with coursework in the physical, life, or environmental sciences.

Requires three years progressively responsible professional experience in the field of pollution abatement or a related field.

OR

Requires knowledge, skill and mental development equivalent to the completion of four years of college with coursework in the physical, life, or environmental sciences supplemented by a master's degree.

Requires one year progressively responsible professional experience in the field of pollution abatement or a related field.

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Knowledges, Skills and Abilities

Requires extensive knowledge of modern environmental control systems, facilities, inspectional investigative techniques, up to date restoration approaches, equipment and procedures.

Requires extensive knowledge of state laws, rules, regulations, and standards pertaining to environmental control or pollution abatement.

Requires extensive knowledge of modern inspectional and investigative techniques and procedures.

Requires ability to plan, organize and direct activities of professional and technical staff engaged in performing surveillance, inspection or investigation activities.

Requires ability to prepare detailed and comprehensive reports and records of complex and sensitive field inspections and/or investigations.

Requires ability to analyze and interpret complex and extensive scientific data relating to facilities, installations, equipment and environmental control systems and processes.

Requires ability to establish and maintain liaison with municipal officials, state and federal officials, facility operators and/or owners, plant managers, or their representatives, and the general public.

Requires ability to meet safety standards as specified by applicable state and federal laws.

Requires the ability to utilize a personal computer and knowledge of software applications.

Requires a valid driver's license and ability to travel.

Requires ability to operate the more complex sampling and testing equipment to be utilized in the more difficult inspections and/or investigation

Requires ability to interpret pertinent laws, rules, regulations, concerning pollution control or abatement and to explain to individuals the techniques and procedures that go into enforcing these laws, rules and regulations.