

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES  
CLASS SPECIFICATION

ENVIRONMENTAL PROTECTION SPECIALIST II

POSITION CODE: 13822

Effective: 4-1-75

DISTINGUISHING FEATURES OF WORK:

Under direction, performs progressively responsible activities of a technical and scientific nature related to investigations of environmental control systems or facilities; reviews scientific data acquired in investigations; makes preliminary recommendations that ultimately lead to finalized recommendations for approval or denial of permits, pollution control standards and variances; may supervise lower-level technical staff in conducting surveillance activities; accepts and completes assignments of increasing difficulty for professional development; may recommend changes in operations and reporting procedures and policies.

ILLUSTRATIVE EXAMPLES OF WORK:

1. Functions as an independent worker involved in field investigations and other surveillance activities relative to pollution sources and their resultant effect on the other environmental factors.
2. Develops and prepares technical and scientific reports on data obtained; answers routine and novel inquiries from complainants or general public.
3. Assists higher level specialists in drawing conclusions for recommendations of approval or rejection of permits, development or revision of pollution control standards, and recommendations of approval or denial of variances.
4. Assists, advises and confers with facility operators and/or owners concerning the scientific operational methods and laboratory techniques to be utilized in performing the necessary tests for control purposes.
5. Acts as the supervisor's representative at public meetings or conferences.
6. Assists in the preparation of technical data to be utilized in hearing or court cases; serves as a witness in hearings or court cases when requested.
7. May supervise a staff by assigning the work to be accomplished by subordinates and by giving advice, consultation or instruction.
8. Performs other duties as required or assigned which are reasonably within the scope of the duties enumerated above.

## ENVIRONMENTAL PROTECTION SPECIALIST II (Continued)

### DESIRABLE REQUIREMENTS:

#### Education and Experience

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

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

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

#### Knowledges, Skills and Abilities

Requires working knowledge of modern inspectional and investigative techniques and procedures and equipment.

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

Requires extensive knowledge of environmental control systems, facilities, techniques and procedures.

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

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

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

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

Requires ability to interpret pertinent laws, rules, regulations, techniques or procedures to individuals and municipal bodies.

Requires ability to supervise a staff in performing surveillance, inspections or investigation activities.