

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES  
CLASS SPECIFICATION

LAND RECLAMATION SPECIALIST II

POSITION CODE: 23132

Effective: 2-16-79

DISTINGUISHING FEATURES OF WORK:

Under direction, provides technical advice and consultation to mining companies in the preparation of plans for reclamation projects; enforces the Surface Mine Land Conservation and Reclamation Act and the rules and regulations of the agency; prepares recommendations for changes in the overall reclamation program and consults with supervisor concerning formulation of program policy.

ILLUSTRATIVE EXAMPLES OF WORK:

1. Visits and consults with operators of surface mine operations to ensure compliance with current laws; anticipates potential problems with operations; advises operators as to proper procedures to maintain compliance.
2. Conducts on-site evaluation and analysis of mining permit applications.
3. Prepares maps of future and on occasion current mining operations; verifies topographic maps and aerial photographs; interprets complex aerial photographs.
4. Inspects for compliance with regard to wildlife, vegetation, soil and water standards.
5. Maintains complex set of records with regard to each mine under review, including data on mapping, bonding and other required departmental transactions.
6. Makes recommendations to supervisors regarding departmental policy.
7. Assists higher level specialists in preparing legally mandated public hearings regarding mining applications.
8. Assists subordinate specialists and provides technical assistance in areas with which they are unfamiliar.
9. Prepares correspondence with regard to divisional decisions, recommendations and response to outside inquiries.

LAND RECLAMATION SPECIALIST II (Continued)

10. Issues citations and cessations to operators violating the statutes performance standards.
11. 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 completion of four years of college with courses in ecology, agriculture or forestry.

Requires three years of professional experience in the reclamation of lands affected by surface mining.

Knowledges, Skills and Abilities

Requires extensive knowledge of the Surface Mine Land Conservation and Reclamation Act.

Requires extensive knowledge of reclaiming lands affected by surface mining.

Requires extensive knowledge of surface mining methods and techniques.

Requires extensive knowledge of map presentation and interpretation.

Requires extensive knowledge of soil testing, soil typing, fertilization and adaptable crop and pasture plants.

Requires extensive knowledge of methods used for correction of water pollution.

Requires extensive knowledge of proper record keeping and reporting procedures.

Requires ability to enforce the provisions of the Surface Mine Land Conservation and Reclamation Act.

Requires ability to prepare and interpret topographic maps and aerial photographs.

Require ability to provide technical assistance and guidance.

Requires ability to plan, coordinate and maintain good surface mine reclamation practices.

Requires ability to prepare complex reclamation records and reports, and maintain complex activity, office and field records.

Requires ability to prepare agenda for legally mandated public hearings regarding mining applications.

Requires ability to prepare recommendations regarding departmental mining policy.

Requires ability to operate scientific instruments and equipment effectively.

Requires ability to communicate effectively both orally and in writing.

Requires ability to establish and maintain satisfactory working relationships with fellow workers and mining officials.