

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES
CLASS SPECIFICATION

ENVIRONMENTAL EQUIPMENT OPERATOR I

POSITION CODE: 13761
Effective: 12-20-

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DISTINGUISHING FEATURES OF WORK:

Under immediate supervision, assists in performing a variety of manual labor tasks associated with the operation of heavy mechanical equipment to collect environmental samples and install groundwater monitoring wells to determine contamination of groundwater, soil, and bedrock core; packs, loads and transports equipment and material to and from site; assists with the set up of equipment; in accordance with agency procedures ensures decontamination of drilling equipment and tools; maintains appropriate logs and assists in preparing reports; performs regular maintenance and emergency repairs to equipment.

ILLUSTRATIVE EXAMPLES OF WORK:

1. As a member of a drilling crew, assists in the operation of heavy mechanical equipment to collect soils, groundwater and rock core samples; packs, loads and transports to and from designated sites drilling equipment, tools, cement mixers, materials, and steam cleaners; receives training to increase proficiency in heavy equipment operation.
2. Assists in the survey of wells and the location of borings to prepare maps for the installation of monitoring wells; prepares materials for installation of wells, e.g., mixes and pours cement, assembles pipes; properly plugs abandoned monitoring wells.
3. Assists in obtaining environmental samples according to instructions; ensures proper packaging and transporting of samples to designation according to standard operating procedures.
4. Assists in preparing and maintaining field books, forms and diaries for logging data and recording the accurate process of obtaining samples; informs higher level staff members of change occurring in the geological strata.

ENVIRONMENTAL EQUIPMENT OPERATOR I (Continued)

5. Cleans, repairs and maintains drilling tools, equipment and well casing materials; properly decontaminates drilling rig, tools and equipment according to procedure; maintains proper field safety procedures and ensures that they are adhered to at all times.
6. 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 high school and two years of experience in drilling, technical engineering and/or heavy equipment operation.

Requires successful completion of 40 hours of safety training, as defined by the Occupational Safety and Health Administration for those dealing with hazardous substances within six months of employment.

Knowledges, Skills and Abilities

Requires elementary knowledge of the operation and maintenance of drilling equipment.

Requires ability to properly pack, load and transport equipment and materials necessary for collection of environmental samples.

Requires ability to maintain logs, diaries or books to document the accurate process of collecting samples.

Requires ability to work with other members of a field crew.

Requires an appropriate valid commercial driver's license - class A, with appropriate endorsements.