

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES
CLASS SPECIFICATION

SEWAGE PLANT OPERATOR

POSITION CODE: 40500
Effective: 4-16-78

DISTINGUISHING FEATURES OF WORK:

Under direct supervision, performs paraprofessional semiskilled work in the operation and maintenance of a plant for treatment and disposition of sewage at a state institution.

ILLUSTRATIVE EXAMPLES OF WORK:

1. Performs a variety of manual tasks in the operation and maintenance of a sewage treatment plant, such as inspecting, oiling and maintaining motors, pumps, aerators, screens, gauges and meters.
2. Takes daily tests from each processing tank and, at intervals, draws samples from sewage disposal effluent for purpose of analysis to prevent water pollution.
3. Runs tests to determine that each unit of plant is functioning efficiently; pumps settlings from secondary settling tank to primary tank, then to digester unit.
4. Skims and treats sludge with chemicals; floats solids from primary settling tanks; removes and disposes of all solids from bar screens and trash racks.
5. May supervise patients in maintaining equipment, machines and systems used in sewage plant.
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 developmental equivalent to completion of four years of high school, with a course in chemistry.

Requires three years of experience in sewage treatment plant operation.

Requires possession of an E.P.A. Class III Wastewater Treatment Works Operator Certificate.

SEWAGE PLANT OPERATOR (Continued)

Knowledges, Skills and Abilities

Requires extensive knowledge of the machines, equipment, materials and operating practices of a sewage treatment plant.

Requires extensive knowledge of sampling and testing sewage effluent and sludge at various stages of the treatment and disposal process.

Requires ability to keep routine records and make simple reports of sewage treatment plant tests and operations.

Requires ability to operate and maintain sewage plant equipment.

Require ability to make accurate gauge readings.

Require ability to make chemical and physical tests of sewage in tanks and overflow effluent.

Require ability to understand and carry out written and oral instructions.

Requires ability to establish and maintain satisfactory working relationships with fellow employees, wastewater officials and the general public.