

## **GROUNDWATER MANAGEMENT SPECIALIST**

**DISTINGUISHING FEATURES OF THE CLASS:** This position exists in the Health Department and involves performing professional activities in the education, inspection, investigation and enforcement of permitted and non-permitted entities with public water supplies. An employee in this class maintains groundwater quality databases utilized by staff of the Division of Environmental Health Services, local municipalities, and other various agencies. The incumbent utilizes these electronic databases in the development of management strategies to protect water quality and ensure State and Federal regulations are adhered to. The work is performed under the general supervision of the Senior Public Health Engineer or Principal Public Health Sanitarian with leeway allowed for the use of independent judgement in carrying out the details of the work. This position may oversee the work of both Public Health Sanitarians and Public Health Technicians. Does related work as required.

### **TYPICAL WORK ACTIVITIES**

Inspects food service establishments, mobile home parks, public water supplies, residential sewage disposal systems, bathing beaches and swimming pools, children's camps, camp grounds, and temporary residences to determine compliance with Part 5 of the New York State Sanitary Code;

May collect water, food and other samples for laboratory examination to determine organic or inorganic and bacterial contamination;

Prepares reports and case histories on inspections, investigations and program status, as well as arranges for enforcement action, office conferences and legal hearings with senior staff;

Participates in enforcement proceedings including testifying at hearings;

May investigate communicable disease outbreaks, landfill sites, radiological emergencies and petroleum and chemical spills;

Has responsibility for specific program management including timely permit issuance, timely and complete inspection and preparation of program activity reports;

May respond to spills, pipe ruptures and accidents in the release of materials that may produce environmental hazards;

Performs Emergency Preparedness duties prior, during and after a natural or manmade disaster.

### **FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Thorough knowledge of the purposes, principles, methods and terminology of groundwater management;

Good knowledge of electronic data bases, including storage and retrieval of information, as well as interpretation of computer models;

Working knowledge of Public Health law and the State Sanitary Code; Ability to analyze data and statistics, draw conclusions and generate reports;

Ability to give clear and complete oral and written reports;

Ability to establish effective working relationships with the Division of Environmental Health Services staff, other departmental employees, various agency officials, local officials and the public.

**MINIMUM QUALIFICATIONS:** Possession of a Bachelor's Degree in environmental engineering, civil engineering, sanitary engineering, chemical engineering, hydrology, geology, biology, chemistry, natural resource management, environmental sciences or public health with an emphasis in groundwater/water resources management and 2 years experience in any combination of the above fields.

**NOTE:** A Master's Degree in one of the above fields may be substituted for one year of experience.

**NOTE:** Your degree must have been awarded by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S. Secretary of education. If your degree was awarded by an educational institution outside of the United States and its territories, you must provide independent verification of equivalency. A list of acceptable companies who provide this service can be found on the internet at <http://www/cs/ny/gov/jobseeker/degrees.cfm>. You must pay the required evaluation fee.

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COMPETITIVE