

SENIOR PUBLIC HEALTH ENGINEER

DISTINGUISHING FEATURES OF THE CLASS: This is professional engineering work of a complex nature involving a responsibility for the planning, organizing and directing of one or more specialized environmental health programs (e.g., Air Pollution Control, Water Pollution Control, Sewage, Industrial Waste, etc.) administered by the Department of Health. The work is performed under the general direction of a higher-level engineering professional and supervision may be exercised over professional, technical and clerical staff. Does related work as required.

TYPICAL WORK ACTIVITIES:

Directs education and regulatory activities pertaining to environmental health programs;
Reviews and approves engineering plans relating to public health issues such as air pollution, public water supply sources, drinking water treatment, swimming pool and bathing beach construction and renovation, realty subdivisions, etc.;

Administers the provisions of local and state Public Health Laws and Sanitary Codes and other environmental regulations relating to sewage and waste disposal, chemical emergencies, hazardous material incidents, restaurants and public eating places, stream pollution, etc.;

Consults and advises on issues concerning sanitary landfill problems and operations and improved housing and plumbing to meet public health standards;

Investigates outbreaks of environmental health diseases;

Prepares technical reports;

Assists in developing public health engineering and environmental health policies;

Formulates and/or conducts formal and informal programs for training and education of environmental health personnel, water plant operators, service station operators, and other residents and business operators;

Represents the Department of Health concerning matters and problems related to environmental health issues;

Maintains relationships with state and federal agencies whose work or policies affect the environmental health program.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of the principles, practices, and techniques of public health engineering and environmental health programs as they relate to issues of public health; good knowledge of the provisions of the Public Health Law and State Sanitary Code as it pertains to environmental health and public health engineering; ability to plan, develop, direct and administer public health engineering and environmental health programs; ability to plan and organize the work of others; ability to communicate effectively both orally and in writing; ability to understand and interpret codes, regulations, and laws pertaining to public health; ability to establish and maintain cooperative relations with others.

MINIMUM QUALIFICATIONS: A Bachelor's degree in Engineering and six (6) years of professional-level experience in public health engineering (e.g. public health hazardous waste program, public health air or water pollution control, public health hazardous materials management and/or response).

NOTE:

A Master's or Doctorate degree in Engineering may be substituted for one (1) year of the required experience.

PROMOTION: One (1) year of permanent status as a Public Health Engineer.

(over)

SPECIAL REQUIREMENTS:

1. Possession of a Professional Engineer license (PE) issued by the New York State Department of Education must be obtained by the time of appointment and must be maintained throughout the course of employment in this title.
2. A valid driver's license or accessibility to transportation to meet field work requirements in a timely and efficient manner.