

## **ASSISTANT PUBLIC HEALTH ENGINEER**

**DISTINGUISHING FEATURES OF THE CLASS:** This is entry-level professional engineering work of a responsible nature which involves the promotion of public health practices and the enforcement of public health laws in the operation of one or more of the specialized phases of the environmental health programs (e.g. air pollution, water pollution, sewage, industrial waste) administered by the Department of Health. The work is performed under the supervision of a higher level engineering professional and work guidance may be provided to technical staff. Does related work as required.

### **TYPICAL WORK ACTIVITIES:**

Investigates complaints and makes reports and recommendations on enforcement of the Rockland County Smoke Free Air Act, air pollution, public water supplies, sewerage systems, systems, swimming and bathing places, general sanitation and environmental health nuisances;  
Interprets laboratory results of air, water, sewage, industrial wastes and other samples;  
Provides instruction in environmental health issues to local water plant operators in accordance with established procedures and guidelines;  
Participates in investigations of environmental health factors related to disease outbreaks;  
Provides input and makes effective recommendations for the development of new public Health policies and regulations;  
Monitors public response to various public health issues;  
Gathers and organizes information for the completion of technical reports;  
May perform special assignments, as necessary.

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

Good knowledge of the principles, practices and techniques of public health engineering and environmental health; working knowledge of local and state public health engineering and environmental health laws and sanitary codes\*; ability to apply the principles of environmental engineering in the resolution of routine public health issues; ability to communicate effectively, both orally and in writing; ability to establish and maintain cooperative relations with others, including public officials; ability to interpret moderately complex written material.

### **MINIMUM QUALIFICATIONS:**

1. A Bachelor's degree in Engineering and either one (1) year of professional-level experience in public health engineering, environmental health, or related (e.g. public health hazardous waste program, public health hazardous materials management and/or response, air or water pollution control); or
2. The satisfactory completion of one (1) year as an Assistant Public Health Engineer (Trainee).

### **NOTE:**

1. A Master's or Doctorate degree in Engineering or Environmental Science may be substituted for the one (1) year of required experience.
2. A Professional Engineering license (PE) may be substituted for the specialized Bachelor's degree.

**SPECIAL REQUIREMENT:** Possession of a valid New York State driver's license or accessibility to transportation to meet field work requirements in a timely and efficient manner.

\*To be demonstrated during the probationary period.