

## **SENIOR PUBLIC HEALTH ENGINEER**

**DISTINGUISHING FEATURES OF THE CLASS:** The work involves furnishing advice and guidance to local officials and the general public in regard to environmental health problems and the measures necessary for improvements and compliance with legal requirements; providing leadership in promotion of public health through application of environmental health practices; enforcement of the provisions of the Public Health Laws and Sanitary Codes in relation to environmental health matters. In a department servicing under 100,000 people the work entails the administration and direction of the whole environmental health section or division. In larger agencies, the incumbent may be responsible for one or more specialized areas of environmental health and/ or assisting an Associate or Principal Public Health Engineer. Does related work as required.

**TYPICAL WORK ACTIVITIES:** The typical work activities listed below, while providing representative examples of the variety of work assignments in the title, do not describe any individual position. Incumbents in this title may perform some or all of the following, as well as other related activities not described.

Guides and directs education and regulatory activities pertaining to the program;

Prepares budget for and evaluates environmental health programs;

Supervises enforcement of provisions of local and State Public Health Laws and Sanitary Codes relating to air pollution, public water supplies, sewerage and waste disposal, operation of water and wastewater treatment plants, swimming pools and bathing beaches, camps, hotels, lodging and boarding houses, restaurants and public eating places, stream pollution, realty subdivisions, qualification of water treatment plant operators, public health nuisances and related matters;

Consults and advises concerning programs for insect and rodent control;

Makes environmental health investigations of outbreaks of disease;

Formulates and carries on or directs programs for training of water plant operators, environmental health personnel, food handlers, restaurant proprietors, camp owners and other classes of operating personnel;

Represents the department of health on all matters and problems related to environmental health;

Maintains relationships and cooperates with State and Federal Agencies whose work or policies affect the environmental health program;

Prepares technical reports including recommendations;

Assists in developing public health engineering and environmental health policies.

**FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL**

**CHARACTERISTICS:** Thorough knowledge of the basic principles, practices, techniques and administration of public health engineering and environmental health programs as related to water supplies and purification, sewerage and sewage disposal, stream pollution, sanitary control of restaurants and public eating places, smoke abatement, sanitary control of camps, hotels, lodging houses, boarding houses, swimming pools, bathing beaches, schools and other places, insect and rodent control, housing, public health nuisances and general sanitation; good knowledge of provisions of Public Health Law and State Sanitary Code related to the above subjects; good ability to plan, develop, direct and administer public health engineering and environmental health programs and to project and integrate these into the departmental program; good ability to prepare technical reports and correspondence; demonstrated skill in public health engineering techniques and practices; more than ordinary initiative and resourcefulness in solving difficult public health engineering problems; ability to deal satisfactorily with public and other officials; ability to develop and maintain good public relations; more than ordinary professional judgement.

**MINIMUM QUALIFICATIONS:** Possession of a current license and registration to practice professional engineering in New York State and two (2) years of experience as a public health engineer.

ULSTER COUNTY  
6460 SR PH ENG  
Classification: Competitive  
Grade: 21  
Union: CSEA

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