



## Cayuga County Department of Human Resources and Civil Service Commission

### JOB SPECIFICATION

Civil Service Title:	<b>SENIOR PUBLIC HEALTH ENGINEER</b>
Jurisdictional Class:	Competitive
Civil Division:	Public Health Department
Adoption: CSM	11/17/79
Revised: CSM	11/12/08

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#### **DISTINGUISHING FEATURES OF THE CLASS:**

An employee in this class has responsible charge of planning, directing, and administering all environmental health programs. 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 & Sanitary Codes in relation to environmental health matters. The incumbent is responsible for the application of engineering principles for the direction, evaluation, control, and management of those factors in the environment which influence man's health. Supervision is exercised over all subordinate public health personnel. Does related work as required.

#### **TYPICAL WORK ACTIVITIES: (Illustrative Only)**

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 & Sanitary Codes relating to air pollution, x-ray installations, public water supplies, sewerage and waste disposal, operation of water and sewage treatment plants, swimming pools and bathing beaches, camps, hotels, lodging and boarding houses, dairies, restaurants and public eating places, milk pasteurization plants, stream pollution, realty subdivisions, qualifications of water and sewage treatment plant operators, public health nuisances and related matters;  
Consults and advises concerning the activities carried on in relation to sanitary control of milk and other foods;  
Consults and advises concerning the activities carried on in relation to promotion of improved housing and plumbing to meet public health standards;  
Consults and advises concerning programs for insect and rodent control;  
Advises relative to sanitary landfill problems and operation;  
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;  
May participate in disaster activities as trained and assigned;  
Performs other related duties as assigned.

**FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, PERSONAL CHARACTERISTICS:**

Thorough knowledge of the basic principles, practices, techniques and administration of public health engineering and environmental health programs as related to air pollution, x-ray installations, water supplies and purification, sewerage and sewage disposal, stream pollution, sanitary control of milk and other foods, 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 & 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 judgment;  
Good physical condition.

**MINIMUM QUALIFICATIONS:**

- (A) Possession of a license to practice and current registration as a Professional Engineer issued by the New York State Education Department AND 2 years of experience as a Public Health Engineer.