

## SENIOR PUBLIC HEALTH ENGINEER

DISTINGUISHING FEATURES OF THE CLASS: Work involves providing advice and guidance to local officials and the general public with regard to environmental health problems and the measures necessary for improvements and compliance with legal requirements, as well as providing leadership in promoting of public health through beneficial environmental health practices in relation to environmental health matters. Work is performed under general supervision of the Director of Public Health Engineering. Supervision may be exercised over Assistant Public Health Engineers, Sanitarians and technical assistants. Performs related work as required.

### TYPICAL WORK ACTIVITIES: (Illustrative only)

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

Prepares budgets for and evaluates environmental health programs;

Supervises enforcement of provisions of local and State Public Health Laws and 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;

Under the supervision of the Director, reviews and/or approves plans for construction and compliance in Land Development Programs which will encompass realty subdivisions, condominiums, and commercial/industrial projects;

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;

Performs a variety of related activities as required.

*Typical Work Activities are intended only as illustrations of possible types of work that might be appropriately assigned to an incumbent of this title. Work activities that do not appear above are not excluded as appropriate work assignments, as long as they can be reasonably understood to be within the logical limits of the job.*

FULL PERFORMANCE KNOWLEDGE, 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

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pollution, water supplies and purification, sewerage and sewage disposal, steam 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, housing, public health nuisances and general sanitation; thorough knowledge of provisions of Public Health Law and State Sanitary Code related to the above subjects; ability to plan, develop, direct and administer public health engineering and environmental health programs and to project and integrate these into the departmental program; ability to prepare technical reports and correspondence; demonstrated skill in public health engineering techniques and practices; extraordinary 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; good judgment.

MINIMUM QUALIFICATIONS:\*

Bachelor's degree in Civil or Environmental Engineering and four (4) years of engineering experience.

PLEASE NOTE: Education beyond the secondary level must be from an institution accredited or recognized by the Board of Regents of the New York State Department of Education as a post secondary, degree-granting institution.

SPECIAL REQUIREMENT:

Licensure as a Professional Engineer in New York State.

\*The minimum qualifications reflect and comply with New York State Sanitary Code Title 10, Chapter 1, Sections 11.101-102 of the New York State Codes, Rules and Regulations (NYCRR).