

PUBLIC HEALTH ENGINEER

DISTINGUISHING FEATURES OF THE CLASS:

The work is of professional public health engineering nature involving ordinary responsibilities in relation to execution of one or more of the specialized phases of the environmental health engineering programs in any municipality. The work performed under general supervision, involves assisting in carrying out any specific phases of the program; performing specific assignments of ordinary difficulty and responsibility; advising officials or individuals on problems requiring ordinary professional public health engineering knowledge and judgment, including measures for improvement and compliance with legal requirements; assisting in the promotion of public health through application of environmental health engineering practices requiring ordinary professional knowledge and skill; assisting in the enforcement of the provisions of all local and state public health laws and sanitary codes in relation to environmental health engineering matters; investigations of conditions and problems requiring ordinary professional public health engineering knowledge and ability; assistance in preparation of complicated technical reports. An employee in this class works under general supervision. Supervision may be exercised over Public Health Technicians, Public Health Engineering Technicians, Public Health Sanitarians, and clerical employees.

TYPICAL WORK ACTIVITIES:

The following is indicative of the level and types of activities performed by incumbents in this title. It is not meant to be all inclusive and does preclude assignment of activities not listed which could be reasonably expected to be performed by an employee in this title.

1. Investigates and makes reports and recommendations on public water supplies, sewage systems, proposed subdivisions, solid waste facilities and water pollution;
2. Reviews plans and specifications for water and sewage disposal systems, solid waste disposal, swimming pools, and subdivisions and recommends approval or disapproval to higher level engineering personnel;
3. Leads and participates in field investigations, tests, and inspections;
4. Assists in the instruction of local water and sewage plant operations;
5. Provides advice and assistance on public health engineering matters to consulting engineers, local officials, and the public;
6. Participates in enforcement proceedings, including giving testimony at hearings;
7. Prepares reports 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 as related to subdivisions, water supplies and purification, sewerage and sewage disposal, water pollution, solid waste disposal, swimming pool construction, familiarity with provisions of Public Health Law and State and County Sanitary Code and other laws related to above subjects; ability to prepare satisfactory reports and correspondence; skill in public health engineering techniques and practices; initiative and resourcefulness in solving public health engineering problems of ordinary difficulty; ability to deal satisfactorily with public and other officials and develop public relations; tact; physical condition commensurate with the demands of the position.

PUBLIC HEALTH ENGINEER (Cont'd)

MINIMUM QUALIFICATIONS:

EITHER: (A) Graduation from a regionally accredited or New York State registered college or university with a bachelor's degree in engineering;

OR: (B) Possession of a New York State Professional Engineer's license.

NOTE: Use of a personal vehicle for field work may be required. Mileage reimbursement for this use will be provided.

SPECIAL REQUIREMENTS:

Possession of a valid Driver License to operate a motor vehicle in New York State at time of application and to maintain the position.

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REVISED:	07/09/80	06/22/81	01/14/82	08/21/86	04/13/89
	07/06/89	07/25/89	07/01/91	02/17/16	07/17/18