

PUBLIC HEALTH ENGINEERING TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS:

This is routine, sub-professional public and environmental health engineering work, involving responsibility for conducting investigations, obtaining information for use by Public Health Engineers, making inspections, determining compliance with local and state sanitary code requirements, and carrying out specialized phases of the environmental health services program in the County Health Department. The work is performed under supervision from a Public Health Engineer who reviews reports and provides advisory assistance when necessary.

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. Participates in surveys, investigations of complaints (air, water, sewage), sampling and analysis of surface and ground waters;
2. Assists in inspection of projects under construction and of completed projects to determine compliance with statutory requirements;
3. Assists in the observations of pump tests, infiltration and/or exfiltration tests, deep test pits, percolation test pits and any other necessary field work required for water pollution control and water supply projects;
4. Assists in the collection of samples of water and bacteriological and chemical analyses from water distribution systems and water supplies and individual water systems and samples of effluents for bacteriological and chemical analyses from all types of wastewater treatment facilities;
5. Inspects less complicated water supply and distribution systems and sewage collection, treatment and disposal systems;
6. Attends training courses required by the Department of Health;

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Working knowledge of the basic principles and practices related to environmental health engineering service programs; working knowledge of the provisions of all existing codes related to the above programs; ability to establish and maintain cooperative and effective relationships with the public; skill in inspection techniques; mental alertness; tact; good judgment; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

Graduation from a regionally accredited or New York State registered college or university with an Associate's degree or have completed 60 credit hours, with a minimum of 15 credit hours in the natural sciences, of which not more than six (6) credit hours may be in the applied sciences.

PUBLIC HEALTH ENGINEERING TECHNICIAN (Cont'd)

Note: The term natural science shall mean a science such as biology, chemistry or physics that deals with the objects, phenomena, or laws of nature and the physical world. It shall include all physical and biological sciences.

The term applied science shall mean science based courses in environmental technology, sanitation technology, medical technology, public health, infection control or food science.

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

SPECIAL REQUIREMENT

Per section 11.121 of the New York State Sanitary Code a public health training course approved by the New York State Health Department must be satisfactorily completed within two years of appointment.

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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ADOPTED: 06/29/73

REVISED: 07/09/80 12/30/85 08/21/86 07/18/89 07/25/89
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