

ASSISTANT PUBLIC HEALTH ENGINEER

DISTINGUISHING FEATURES OF THE CLASS: The work is of a professional public health engineering nature involving ordinary responsibilities in relation to execution of one or more of the specialized phases of the environmental health programs in any municipality. The work entails assisting, under general supervision, in carrying out any specific phases of the program; performing specific assignments of ordinary difficulty and responsibility; advising public 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 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 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 of a technical superior, but they may supervise a small staff including Public Health Engineer Trainees, Public Health Technicians and Environmental Health Aides. Does related work as required.

TYPICAL WORK ACTIVITIES:

Investigates and makes reports and recommendations on public water supplies or wastewater treatment systems, swimming and bathing, stream pollution, sanitary conditions of camps, hotels, or boarding houses, food, restaurants and general sanitation, and environmental health nuisances;

Interprets the results of laboratory examinations of air, water, sewage, industrial wastes and other samples;

Assists in the instruction of local water plant operators;

Participates in investigations of environmental health factors related to disease outbreaks;

Reviews and comments on engineering plans related, but not limited to, public water supplies, wastewater treatment systems, commercial and municipal pools, realty subdivisions, individual on-site septic systems, etc. to ensure the designs meet NYS regulations and current engineering standards;

Confers with local officials relative to public health engineering problems;

Performs special assignments of ordinary difficulty relating to any phase of public health engineering or environmental health as required.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL

CHARACTERISTICS: Good working knowledge of the principles, practices and techniques of public health engineering and environmental health as related to water supplies and purification, wastewater disposal, stream pollution, restaurants and public eating places, camps, hotels, lodging and boarding houses, commercial or municipal swimming pools, bathing

beaches, insect and rodent control, housing public health nuisances and general sanitation; familiarity with the provisions of Public Health Laws and State Sanitary Codes related to

above subjects; ability to prepare satisfactory reports and correspondence; ordinary 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.

MINIMUM QUALIFICATIONS: Graduation from an accredited college or university with a bachelor's degree in engineering and either:

- A. One (1) year of satisfactory engineering experience in environmental health; OR
- B. Satisfactory completion of one (1) year as Public Health Engineer Trainee (the city, county or part county considering employment must submit evidence that the trainee has completed an approved training program).

Note: A Master's Degree in Engineering acceptable to the State Commissioner of Health may be honored in lieu of the one (1) year of required experience.

ULSTER COUNTY
0470 AST PH ENG
Classification: Competitive
Grade: 19
Union: CSEA

Adopted: November 1972
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