

DEPARTMENT: HEALTH
CLASSIFICATION: COMPETITIVE
APPROVED: 5/12/80

ASSISTANT PUBLIC HEALTH ENGINEER

DISTINGUISHING FEATURES OF THE CLASS: The work is a professional public engineering nature involving ordinary responsibilities in relation to execution of one or more of the specialized phases of the environmental health and environmental conservation 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 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, sanitary codes and environmental conservation rules and regulations in relation to environmental health matters; investigations of conditions and problems requiring ordinary 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 he may supervise a small staff. Does related duties when required.

TYPICAL WORK ACTIVITIES:

1. Investigates and makes reports and recommendations on public water supplies or sewerage systems, swimming and bathing places, stream pollution, sanitary conditions of camps, hotels or boarding houses, food, restaurants and general sanitation, air pollution facilities, processes and installations, x-ray installations, hazardous waste and general waste refuse sites and other related environmental conservation activities;
2. Interprets the results of laboratory examinations of water, sewage industrial wastes and other samples;
3. Assists in the instruction of local water plant operators;
4. Assists municipalities and industries in organizing surveys to detect illegal plumbing connections;
5. Confers with local officials relative to public health and environmental conservation engineering problems;
6. 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 conservation activities as related to air pollution, x-ray installations, water supplies and purification, sewerage and sewage disposal, stream pollution, milk and other foods, restaurants and public eating places, camps, hotels lodging and boarding houses, swimming pools, bathing beaches, schools and other places, insect and rodent control, housing public health nuisances and general sanitation; familiarity with provisions of Public Health Law and State Sanitary Code and Environmental Conservation Rules and Regulations related to above subject; ability to prepare satisfactory reports and correspondence; ordinary skill in public health engineering techniques and practices; initiative and resourcefulness in solving engineering problems or ordinary difficulty; ability to deal satisfactorily with public and other officials and develop public relations, ordinary professional tact; 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 a Bachelor's Degree in engineering;

OR: 1. Possession of a license to practice professional engineering in New York State.

SPECIAL REQUIREMENTS: Individuals meeting the above requirements may apply for a certificate as an Assistant Public Health Engineer issued by the Niagara County Public Health Director. Possession of the certificate is required at the time of appointment.