

DEPARTMENT: HEALTH
CLASSIFICATION: COMPETITIVE
APPROVED: SEPTEMBER 28, 2015

ASSISTANT PUBLIC HEALTH ENGINEER

DISTINGUISHING FEATURES OF THE CLASS: This is professional public engineering work responsible for one or more specialized phases of environmental health and environmental conservation programs in a municipality. The work involves assisting in carrying out specific phases of the program and performing specific assignments of ordinary difficulty and responsibility; advising public officials or individuals on problems requiring engineering knowledge and judgment, including measures for improvement and compliance with legal requirements; assisting in the promotion of public health through the application of environmental health practices requiring 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; investigating conditions and problems requiring engineering knowledge and ability; assisting with the preparation of complicated technical reports. An employee in this class works under the general supervision of a technical superior and may supervise a small subordinate staff. Does related duties when required.

TYPICAL WORK ACTIVITIES:

1. Investigates environmental health factors related to disease outbreaks, and makes reports and recommendations on public water supplies and sewage 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, radiation, hazardous waste and general waste refuse sites and other related environmental conservation activities related to public health;
2. Interprets the results of laboratory examinations of water, sewage industrial wastes and other samples;
3. Investigates incidents involving pollution of air, water, and/or soil that may cause a public health nuisance or be detrimental to health. Ensures compliance and that corrective action is taken when appropriate. Reviews, evaluates, and recommends remedial or preventive actions;
4. Assists municipalities and industries in organizing surveys to solve pollution problems;
5. Confers with local officials relative to public health and environmental conservation engineering problems related to public health;
6. Performs special assignments relating to any phase of public health engineering or environmental health as required;
7. Applies engineering principles for the detection, evaluation, control and management of those factors in the environment which influence public health.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of the principles, practices and techniques of public health engineering and environmental conservation activities as related to air pollution, radiation, 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; working knowledge of the provisions of Public Health Law and State Sanitary Code and Environmental Conservation Rules and Regulations related to above subject; skill in public health engineering techniques and practices; ability to prepare satisfactory reports and correspondence; initiative and resourcefulness in solving engineering problems; ability to deal satisfactorily with the public and other officials and develop public relations; tact and courtesy; sound professional judgment; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

Graduation from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees with a Master's or Bachelor's Degree in engineering; **OR**

Possession of a license to practice professional engineering in New York State at time of appointment and throughout the duration of employment.

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.

Possession of a New York State driver's license at time of appointment and throughout duration of employment.