

Civil Division: Oneida County Government
Jurisdictional Class: Competitive
EEO Category: Professionals
Revised: 06/22/07

SENIOR PUBLIC HEALTH ENGINEER

DISTINGUISHING FEATURES OF THE CLASS: This is a full performance engineering position in the Department of Health, Division of Environmental Health. An employee in this class coordinates specific programs and is responsible for planning, directing and administering all environmental engineering programs and serves as a resource person to other staff members. The work involves furnishing advice and guidance to staff members, local officials and the general public in regard to environmental health problems and the measures necessary for improvements and compliance with legal requirements; providing leadership in promotion of public health through application of environmental engineering practices. This class differs from Public Health Engineer by virtue of the increased level of technical knowledge required and complexity of engineering projects. The work is performed under general supervision of the Environmental Health Director and the Director of Health, with leeway allowed for the exercise of independent professional judgment in carrying out assignments. Supervision is exercised over subordinate public health engineers. The incumbent performs related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative Only)

Reviews and may approve plans and specifications for water and sewage disposal systems, realty subdivisions, food service establishments, mobile home parks, temporary residences, swimming pools and bathing beaches;
Investigates chemical emergencies, hazardous waste disposal sites, indoor air and occupational health matters;
Conducts environmental health assessments;
Inspects and monitors public water supplies;
Provides technical assistance to engineering staff members;
Provides advice and assistance on public health engineering matters to consulting engineers, local officials and the public;
Participates in enforcement proceedings, including giving testimony at hearings;
Supervises Public Health Engineers and signs permits and plans for water supply, subdivision and sewage systems;
Interprets the results of laboratory samples of air, water, and sewage.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Comprehensive knowledge of the principles, practices and techniques of public health engineering and environmental health as related to subdivisions, water supplies, sewage disposal, water pollution, solid waste disposal, swimming pools and bathing beaches; good knowledge of Public Health Laws and state and County sanitary code and other laws pertaining to the above subjects; good knowledge of public health engineering techniques and practices; skill in public health engineering techniques and practices; ability to plan, develop, direct and administer environmental health engineering programs; ability to prepare reports and correspondence; ability to deal with the public and officials in a diplomatic manner; ability to develop and maintain good public relations, initiative and resourcefulness in solving public health engineering problems; physical condition commensurate with the demands of the position.

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MINIMUM QUALIFICATIONS: Possession of a license to practice and current registration as a professional engineer in New York State and two (2) years experience as a Public Health Engineer.

SPECIAL REQUIREMENT: Certain assignments made to employees in this class will require access to transportation to meet field work requirements in a timely and efficient manner. The incumbent must possess a valid New York State driver's license at time of appointment and must maintain license throughout appointment.

Adopted: 03/02/82
Revised: 02/18/93, 03/03/93, 06/22/07