

## **PUBLIC HEALTH ENGINEER TRAINEE**

**DISTINGUISHING FEATURES OF THE CLASS:** This is a trainee position in the competitive class for which candidates are selected on the basis of academic knowledge of the principles, practices and techniques of engineering and the ability to acquire professional skills and knowledge of public health engineering. A term of appointment is limited to one (1) year. Promotion to the position of Assistant Public Health Engineer will follow without further examination upon successful completion of the above approved planned training program. The trainee shall assist higher ranking engineers in the performance of professional field and office work while participating in an approved training program. The work is performed under close supervision, direction and instruction of an Assistant or Senior Public Health Engineer and may involve supervision of the activities of a small staff of Environmental Health Technicians and Environmental Health Aides. Does related work as required.

**TYPICAL WORK ACTIVITIES:** The typical work activities listed below, while providing representative examples of the variety of work assignments in the title, do not describe any individual position. Incumbents may perform some or all of the following, as well as other related activities not described.

Conducts investigations, including the engineering aspects of public and individual water and wastewater treatment plants and systems, swimming pools, bathing beaches, camps, hotels, lodging and boarding houses, restaurants and public eating places, public health nuisances and general sanitation;

Makes inspections of chlorinators, makes residual chlorine tests and collects water samples;

Prepares correspondence relating to environmental health matters;

Observes soil tests in connection with proposed realty subdivisions, individual residential on-site septic systems, etc.;

Assists in reviewing engineering plans and reports and in preparation of technical reports;

Performs special assignments of elementary engineering difficulty relating to any phase of environmental health as required.

**FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:** Academic knowledge of the principles, practices and techniques related to some branch of engineering; ability to acquire professional skill and knowledge of public health engineering and environmental health principles, practices and techniques; initiative and resourcefulness; ability to develop good public relations; good judgement; tact.

**MINIMUM QUALIFICATIONS:** Graduation from an accredited college or university with a Bachelors Degree in Engineering.

ULSTER COUNTY

5240 PH ENG TR

Classification: Competitive

5241 PHENTR HLP

Classification: Non-Competitive

Grade: 18

Union: CSEA

Revised: January 12, 1973

Revised: July 17, 1985

Revised: July 3, 2001

Revised: September 13, 2021