

## **FLOW CONTROL ENGINEER**

**DISTINGUISHING FEATURES OF THE CLASS:** This is professional engineering work of a moderately complex nature primarily involving responsibility for planning, organizing and overseeing an environmental public health program for flow control, source separation, and household hazardous waste. The work is performed under the supervision of a higher-level engineering professional and work guidance (i.e., lead work) may be provided to professional and technical staff. Does related work as required.

### **TYPICAL WORK ACTIVITIES:**

Oversees the enforcement of the provisions of the New York State Public Health Law and state and local sanitary codes primarily relating to flow control, solid waste management, and hazardous waste;

Develops and implements procedures and policies to address current and emergent public health engineering matters, including but not limited to flow control;

Acts as liaison to the Solid Waste Management Authority regarding the development and implementation of a comprehensive flow control program and all issues related to solid waste management;

Plans and participates in education and regulatory activities pertaining to environmental health programs, especially those related to flow control and may formulate and/or conduct training regarding environmental health matters;

Reviews and approves plans related to public health issues, especially those involving flow control and solid waste management;

Develops and oversees processes and procedures for inspecting and issuing permits for solid waste management trucks and facilities;

Establishes goals and priorities for a variety of public health engineering programs, especially flow control programs, and monitors goal attainment;

Oversees and provides guidance for the investigation of complaints and the enforcement of regulations regarding current and emergent public/environmental health engineering programs;

Serves on assessment teams for Indian Point drills;

Acts as liaison to New York State and federal agencies regarding environmental public health programs, especially those related to flow control;

Represents the Department of Health concerning matters and problems related to environmental health issues;

Responds to public health emergencies;

Prepares a variety of reports, as necessary.

### **FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Thorough knowledge of the principles, practices and techniques of public health engineering and environmental health programs as they pertain to public health issues; good knowledge of the provisions of the New York State Public Health Law and state and local sanitary codes as they pertain to environmental health and public health engineering; good knowledge of New York State and local laws and regulations related to flow control and solid waste management\*; ability to plan, develop, and administer public health engineering and environmental health programs; ability to understand and interpret codes, laws, and regulations pertaining to public health; ability to plan and organize the work of others; ability to prepare technical reports and correspondence; ability to communicate effectively, both orally and in writing; ability to establish and maintain cooperative relations with others.

(over)

**MINIMUM QUALIFICATIONS:** A Bachelor's degree in Engineering and six (6) years of professional-level experience in public health engineering (e.g. public health hazardous waste program, public health air or water pollution control, public health hazardous materials management and/or response, public health solid waste management program).

**NOTES:**

1. A Master's or Doctorate degree in Engineering may be substituted for one (1) year of the required experience.
2. A Professional Engineering License (PE) may be substituted for one (1) year of the required experience.
3. A Bachelor's degree in Engineering and four (4) years of professional-level public health experience that substantially included flow control and/or solid waste management shall be deemed fully qualifying.

**SPECIAL REQUIREMENT:** A valid driver's license or accessibility to transportation to meet field work requirements in a timely and efficient manner.

\*To be demonstrated during the probationary period.