

ENVIRONMENTAL ENGINEERING TECHNICIAN TRAINEE

DISTINGUISHING FEATURES OF THE CLASS: This is a one-year trainee position in the competitive class. Candidates are selected on the basis of general intelligence, eagerness to learn, and basic knowledge. The incumbent performs limited technical work in connection with field or office engineering work. Work is characterized by the use of simple engineering practices and equipment in performing routine sub-professional work. Progressively more difficult tasks are assigned to the employee as experience is gained. Initially, work is performed under direct supervision with little independent judgment or action required, and assignments are usually accompanied by specific instructions until work routines are thoroughly mastered. The incumbent in this position undergoes on-the-job training by working with an engineer and/or consultants who provide the required training needed to perform the duties of the position of Environmental Engineering Services Technician in accordance with the Department of Environmental Conservation.

TYPICAL WORK ACTIVITIES:

- Learns and performs routine system testing, compliance monitoring, system expansions for landfill gas, leachate collection and storm water management systems;
- Learns and performs manual tests of landfill gases, leachate collection and storm water construction projects and checks to assure project materials, construction practices and equipment operation is correct for the project, in accordance with the specifications and plans or operations plans or industry standards;
- Learns how to obtain, receive, compile and file system data and information regarding landfill gas collection system, leachate collection system, storm water system, or projects including written and oral reports of inspections, data collection and compliance monitoring;
- Learns how to obtain data, check the source and validity, adjust system as required to maintain optimal system operation and permit compliance;
- Learns to conduct confined space entries to assess system function;
- Learns to provide contactor oversight as required;
- Enters and retrieves information in an automated information system;
- Performs related work as required.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

- Good knowledge of field gas collection, pipe fusion, storm water management systems;
- Good knowledge of survey equipment operation, solid waste management systems;
- Good knowledge of personal computers and office equipment;

- Ability to read maps and plans;
- Ability to perform mathematical computations;
- Ability to carry out complex oral and written instructions;
- Ability to communicate effectively with the public;
- Ability to establish and maintain a working relationship with co-workers and the community at large;
- Good mechanical aptitude;
- Thoroughness;
- Dependability;
- Physical condition commensurate with the demands of the position

MINIMUM QUALIFICATIONS:

Graduation from high school or possession of a New York State equivalency diploma.

NOTE:

- 1) Position may require ability to work Saturdays, Sundays, and holidays; and able to work shift assignments during the day, evening and nights.
- 2) A valid NYS Driver's License is required at the time of appointment and for the duration of employment.

SPECIAL NOTE: Incumbent must obtain a Confined Space Entry Certificate and Hazardous Waste Operations/Emergency Response (40-hour HAZWOPER) Certificate within 6 months of appointment and must maintain certificates for the duration of employment. Incumbent must obtain NYS Weightmaster License within one year of appointment and must maintain certificate for the duration of employment.

PROBATIONARY PERIOD: Appointees for this position will serve a probationary period of one (1) year which will run concurrently with the traineeship. In order to receive permanent appointment as an Environmental Engineering Services Technician, service must be satisfactory during traineeship and completion of an appropriate course of instruction toward licensure approved by the New York State Department of Education and Department of Environmental Conservation must be attained. Unsatisfactory service during this period could result in written notice of termination.