

## SENIOR ENGINEERING TECHNICIAN (SOLID WASTE)

DISTINGUISHING FEATURES OF THE CLASS: Under the supervision of professional engineering personnel, this position is responsible for gathering, maintaining and updating technical and legal data relating to the operation of the Westchester County Solid Waste operation. Responsibility includes review of this and other material to provide information about the operation and development of this facility. An incumbent functions as a lead worker over a small number of technical personnel as required. Does related work as required.

### EXAMPLES OF WORK: (Illustrative Only)

Reviews technical tables, charts, graphs, maps in the County Solid Waste Management Plan; updates them as changes in community collection and disposal patterns occur;

Collects operational data such as transfer route changes, transfer scheduling time changes, landfill tonnage changes, etc. from Operations Analyst and Accounting Clerk and applies pattern changes to plan update;

Supervises draftsman in preparation of charts and graphs with updated data, routing, etc., and briefs Deputy Commissioner and Director of Operations – Solid Waste about changes;

Initiates environmental impact assessments for residue and demolition landfills, coordinates with Planning Commissioner's staff;

Initiates applications for Federal and State grants for funding of environmental, resource recovery and energy production projects;

Recommends changes in the County Solid Waste Program concepts to Deputy Commissioner and Director of Operations - Solid Waste;

Briefs local government officials, County, State and Federal officials, public groups about aspects of the County Solid Waste Management Plan.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Working knowledge of Solid Waste Management practices and theory; working knowledge of modern methods and techniques of Solid Waste Collection, processing and disposal; thorough knowledge of the Westchester County Solid Waste Management Plan; good knowledge of Federal and State environmental and grant regulations and the ability to organize large volumes of technical data, analyze it and make recommendations concerning changes and/or improvements in the plan from the analyses; ability to coordinate technical data collection and dissemination with other departments; ability to deal effectively with all levels of governmental personnel and the public; initiative; good judgment; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: A high school or equivalency diploma and either: (a) an Associate's Degree\* in Civil Engineering and two years experience in Solid Waste Management; or (b) a Bachelor's Degree\* in Civil Engineering; (c) a satisfactory equivalent combination of training and experience as defined by the limits of (a) and (b).

SUBSTITUTION: College education may be substituted at the rate of 30 credit\* hours per year of experience.

\*SPECIAL NOTE: Education beyond the secondary level must be from an institution accredited or recognized by the Board of Regents of the New York State Education Department as a post-secondary, degree-granting institution.