

SENIOR ENGINEER (SOLID WASTE)

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision, an incumbent assists in the management of solid waste program. This involves the preparation of construction programs and budget, supervision over landfill operations, and the investigation of land acquisition and contractors. The incumbent independently performs assignments with instructions as to general results expected. Plans and performs work requiring judgment in the evaluation, selection, adaptation and modification of standard techniques, procedures and criteria. Supervision may be exercised over the work of engineers, construction coordinators, draftsman, technicians, land fill operating personnel, and others who assist on specific assignments. This level differs from the Assistant Engineer in the requirement of a license to practice as a professional engineer. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Directs solid waste operations including landfill operations, supervision and training of personnel;

Advises superiors on the design, operation and planning of solid waste facilities considering both engineering and financial concerns;

Prepares progress reports, budget proposals, press releases, bid documents, specifications for equipment and purchase orders;

Reviews consultant proposals;

Oversees contractor's proper compliance with contract and authorizes payment thereon;

Prepares plans and specifications for new solid waste facilities including residue sites, transfer stations, resource recovery facilities and incinerator upgrading both from an engineering and financial feasibility standpoint.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of solid waste engineering theory and practice; thorough knowledge of the design and operation of resource recovery facilities; thorough knowledge of Westchester County's Solid Waste Management Plan; ability to plan, train and supervise the work of others; ability to deal with others effectively; ability to interpret data and prepare reports; resourcefulness; dependability; physical condition commensurate with the requirements of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either: (a) a Bachelor's Degree* in engineering and six years of progressively responsible experience in professional engineering work, four years of which was in Solid Waste management; or (b) a Master's Degree* in civil engineering and four years of professional engineering experience in Solid Waste management; or (c) a satisfactory equivalent combination of the foregoing training and experience.

SPECIAL REQUIREMENTS: Possession of a professional engineer's license issued by the State of New York.

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