

ENGINEER I (SOLID WASTE)

DISTINGUISHING FEATURES OF THE CLASS: This is beginning level technical engineering work in the field of solid waste, for the county's Solid Waste Management Authority which involves the inspection of construction and operation contracts as well as in-house operations. The work is performed under the general supervision of the Executive Director in accordance with guidelines established by the Rockland County Solid Waste Management Authority. Does related work as required.

TYPICAL WORK ACTIVITIES:

Reviews and/or prepares plans, specifications and contracts for construction and operation projects;

Reviews operations and records and conducts inspections in order to ensure regulatory and contractual compliance by facility operators;

Utilizes the Auto cad program to generate maps and drawings;

Reviews payment requests by vendors for contract compliance;

Researches technical data, compiles statistics, and maintains data for reports to the Solid Waste Management Authority, regulatory agencies and governmental offices;

Works with local recycling coordinators in order to coordinate efforts and to ensure county-wide collection;

Coordinates the activities of the various municipalities serviced by the Authority's facilities and programs;

Works with businesses, industries and institutions in compliance with mandatory recycling regulations, reducing wastes, developing solid waste management plans, etc.;

Responds to questions from the public regarding Authority operations;

Prepares and maintains activity reports and operating records.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of the principles of engineering, physics and mathematics, including geometry and trigonometry; good knowledge of engineering and construction practices and terminology; ability to interpret engineering plans and specifications; ability to generate maps and drawings using computer aided design programs;* working knowledge of design equipment and techniques; working knowledge of surveying equipment and terminology.

MINIMUM QUALIFICATIONS: A Bachelor's degree in Civil Engineering, Architectural Engineering or a related field.

*To be demonstrated during the probationary period.