

ENVIRONMENTAL ENGINEER

DISTINGUISHING FEATURES OF THE CLASS: An employee in this class is responsible for technical and administrative environmental activities of a proposed solid waste combustion/energy recovery facility. The incumbent coordinates a monitoring program, environmental impact statement, and environmental regulatory affairs. The work is performed under the general direction of the Resource Recovery Project Manager. Although the Environmental Engineer does not supervise subordinates, he or she does monitor and coordinate the efforts of consultants, contractors and county data collectors. Does related work as required.

TYPICAL WORK ACTIVITIES:

Coordinates environmental testing programs by keeping track of the progress of hired consultants, contractors, and county employees doing environmental data collection;
Reports problems with consultant services to Resource Recovery Project Manager for correction;
Reviews pre-approved and implemented plans and environmental reports for accuracy, completeness, and consistency;
Prepares environmental impact statement as required by the New York State Environmental Quality Act;
Participates in meetings with the Environmental Management Council, Resource Recovery Agency, Citizen Advisory Committee, legislative bodies, and community groups to advise them on technical and administrative aspects of environmental concerns;
Serves as liaison to State agencies involved in environmental regulations and permit requirements;
Researches and prepares reports on current technical environmental issues.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Comprehensive knowledge of environmental impact statement process;
Thorough knowledge of the analysis of environmental impact data;
Good knowledge of environmental data collection;
Good knowledge of solid waste management disposal systems;
Good knowledge of health codes, construction permits and environmental permits;
Skill in engineering techniques and practices;
Ability to develop public relations in dealing with workers, officials, and citizens;
Ability to prepare detailed narrative reports;
Ability to use professional judgement;
Ability to perform advanced mathematical and statistical procedures;
Initiative;
Resourcefulness;

Physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from a regionally accredited or New York State registered college or university with a Bachelor's Degree in environmental engineering, environmental science, or civil engineering with an environmental emphasis and one year experience in environmental data collection and analysis or environmental management.