

## Engineer

### **Distinguishing features of the Class**

The work involves the responsibility for supporting the planning, permitting and environmental oversight for all operations under the jurisdiction of the Onondaga County Resource Recovery Agency. Under the general supervision of the Executive Director (OCRRA), an employee in this class is responsible for the engineering review and regulatory processes that are required. The incumbent administers the services to be provided by consultants and advisors, conducts public participation proceedings and acts as communication coordinator with the Waste to Energy facility. Additional duties include engineering assistance for OCRRA's other solid waste projects. Does other work as required.

### **Typical Work Activities**

- Participates in engineering review and environmental contract compliance for the WTE facility and other solid waste disposal facilities, including transfer and compost/mulching facilities of the Agency;
- Participates in the construction review and permit compliance of the WTE facility and other solid waste disposal and compost facilities
- Act as the Agency's Service Coordinator to transmit instructions, receive information and otherwise coordinate service matters arising pursuant to the WTE service agreement;
- Monitors WTE owner/operator compliance by inspecting the facilities and reviewing records;
- Participates in the environmental review process for the WTE facility and other solid waste disposal and composting projects including public hearings, review of technical documents and advisement regarding regulatory requirements;
- Participates in the permit renewal process for the WTE facility and other solid waste disposal and composting projects including the preparation of application materials and public participation proceedings;
- Presents information and provides reports on WTE operations to OCRRA administration, visiting official and general public;
- Maintains awareness of federal, state and local regulations, guidelines and practices that require consideration in environmental review and permitting proceeding for the WTE facility and other solid waste disposal and composting projects and provides related reports and action plans for all regulatory changes to maintain OCRRA compliance at all operations;
- Manages consultant contracts involving the preparation of studies, documents and reports as required for environmental and permitting process;

- Administers and directs the environmental operations for OCRRA's solid waste disposal and composting facilities, including activities intended to ensure compliance with applicable guidelines, regulations and practices;
- Performs inspections, prepares reports, reviews and analyzes records and institutes modifications to operations procedures as needed;
- Performs engineering services as needed; including designs, regulatory approvals, inspections and certifications

### **Full Performance Knowledge, Skills, Abilities, and Personal Characteristics**

- Thorough knowledge of professional engineering principles and practices in areas of environmental engineering and solid waste management.
- Good knowledge of the environmental regulations and permitting requirements of or a WTE facility and other solid waste disposal and composting facilities;
- Good knowledge of the principles and practices of business and public administration;
- Ability to deal effectively with a wide variety of personnel in carrying out administrative policies and procedures;
- Ability to provide environmental compliance training to varying levels of personnel in a manner conducive to full performance and positive morale;
- Ability to understand and interpret governmental regulations including but not limited to environmental regulations as they apply to a WTE facility and other disposal facilities;
- Ability to analyze financial and operating statistics;
- Ability to coordinate operations with other OCRRA programs and projects;
- Ability to deal effectively with the public including citizens, interest groups, contractors, vendors, elected officials and others;
- Ability to clearly communicate both orally and in writing;
- Ability to exercise good judgment, tact and courtesy;
- Physical condition commensurate with the demands of the position including walking through multi-level WTE facility, compost sites, transfer stations, garbage disposal areas and other irregular terrain.

### **Minimum Qualifications**

Graduation from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees with a Baccalaureate Degree in Civil, Mechanical or Environmental Engineering and one (1) year of professional level work experience, or its part time equivalent, in engineering field; or,

B. Five (5) years of paraprofessional or professional level work experience, or its part time equivalent, in mechanical, civil or environmental engineering, at least one (1) year of which must have been in a professional level engineering capacity; or,

C. An equivalent combination of training and experience as defined by the limits of (A) and (B).