

**ORANGE COUNTY CLASS SPECIFICATION**

**TITLE:** SENIOR SANITARY ENGINEER (ENVIRONMENTAL FACILITIES)      **GRADE:** 15

**TITLE ABBREVIATION:** SR SANITARY ENG (EF&S)      **TITLE NO.:** 6205

**JURIS.CL:** C      **SALARY CODE:** 71      **EEO CODE:** PR      **FLSA CODE:** PR

**DEPARTMENT:** PUBLIC WORKS      **DIVISION:** ENV FAC

**SUPERVISOR'S TITLE:** PRINCIPAL SANITARY ENGINEER

**DISTINGUISHING FEATURES OF THE CLASS:**      The work involves technical and supervisory engineering duties including the design, construction, and inspection of environmental engineering projects. Work is performed under the general supervision of a Principal Sanitary Engineer or Deputy Commissioner with latitude for independent judgment. Supervision is exercised over assigned engineering, and subordinate staff as may be required. Does related work as required.

**TYPICAL WORK ACTIVITIES:**

1. Provides technical supervision, services and coordination of engineering projects in the areas of design, survey, development and implementation and maintenance of proposed solid waste, and sanitary sewer projects, plans and programs;
2. Conducts inspections of projects under construction and existing facilities to assure compliance with designs, building codes and/or needed maintenance;
3. Prepares cost estimates for construction and other departmental projects;
4. Participates in preparation of operation and maintenance (O/M) and capital budgets, bidding processes for services, materials, equipment and supplies;
5. Supervises, coordinates, schedules, assigns, and reviews work of subordinate engineering and related personnel;
6. Utilizes computer aided drafting software to design and draw plans for structures, facilities, and/or systems;
7. Provides oversight in the preparation of SEQRA environmental reviews and impact studies related to engineering projects;

8. Assists in oversight of enforcement actions against violations of Orange County Solid Waste, Recycling, and Orange County Sewer District #1 ordinances as well as NYSDEC and USEPA orders, decrees, programs and directives;
9. May participate in sub-division reviews in connection with the issuance of sewer construction permits for work in Orange County Sewer District #1;
10. May provide technical assistance involving engineering problems and coordination of solid waste and sanitary sewer issues for towns and villages;
11. May prepare documentation and testify in court in cases involving litigation against the County, municipalities or public utility corporations.

**FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Thorough knowledge of the principles, methods and procedures used in the development of engineering projects; good knowledge of methods and techniques as applied to construction and maintenance of solid waste and sanitary sewer systems; good knowledge of sources of information in the engineering field; ability to apply engineering principles to assigned projects; ability to direct and supervise the work of others; ability to prepare clear and accurate written and oral instructions; ability to make engineering computations, design routine engineering structures, plans and specifications; ability to plan, assign and supervise the work of others; physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:**

- (A) Bachelor's Degree in Engineering, Surveying, or related field and three (3) years of experience in engineering or construction; OR
- (B) Associate's Degree in Engineering Science, Surveying, Environmental Science, or related field and five (5) years experience as outlined in (A) above.

**SPECIAL NOTE:** Successful completion of thirty (30) graduate credit hours in a graduate college program majoring in civil or environmental engineering, or related field, may be substituted for one (1) year of required experience.

**SPECIAL REQUIREMENTS:** Possess and maintain a valid driver's license.

Note: Your degree or credits must have been awarded by a college or university accredited by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S. Secretary of Education. If your degree or credits were awarded by an educational institution outside the United States and its territories, you must provide independent verification of equivalency. A list of acceptable companies who provide this service can be found on the Internet at <http://www.cs.ny.gov/jobseeker/degrees.cfm>. You must pay the required evaluation fee

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