

ORANGE COUNTY CLASS SPECIFICATION

TITLE: ASSISTANT SANITARY ENGINEER (E.F. & S.) **GRADE:** 14

TITLE ABBREVIATION: ASST SAN ENG (EF&S) **TITLE NO.:** 6100

JURIS.CL: C **SALARY CODE:** 01 **EEO CODE:** PR **FLSA CODE:** NE

DEPARTMENT: PUBLIC WORKS **DIVISION:** ENVIRONMENTAL FACILITIES

SUPERVISOR'S TITLE: PRINCIPAL SANITARY ENGINEER (E.F. & S.)

DISTINGUISHING FEATURES OF THE CLASS: The work involves professional engineering duties including the exercise of engineering judgment on the design, investigation, control, maintenance, construction and operation of Solid Waste Management Systems, and all aspects of Wastewater Treatment Systems. The incumbent works both in the field and in an office setting. Assignments are received from the Deputy Commissioner, allowing for independent judgment in planning work details and making technical decisions on routine matters. Supervision may be exercised over subordinate personnel. Does related work as required.

TYPICAL WORK ACTIVITIES:

1. Assists in the preparation of plans, specifications and design of proposed solid waste, and sanitary sewer projects;
2. Provides oversight of and interface with third party consultants in the performance of environmental projects;
3. Prepares reports to ensure regulatory compliance;
4. Provides or assists in the preparation of environmental impact studies related to engineering projects;
5. Assists in the training of subordinate personnel; provides instruction and supervision to same;
6. Prepares Requests for Proposals and Request for Bids for environmental projects;
7. Manages multiple contracts with third parties in the performance of environmental projects.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of the principals and practices of civil engineering; good knowledge of methods and techniques as applied to construction and maintenance of Solid Waste and Sanitary Sewer Systems; 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: Either:

- A. Graduation from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees with a Bachelor's Degree or higher in Engineering, Surveying, Environmental Science, or related field and one (1) year of experience in engineering and/or construction; OR
- B. Graduation from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees with an Associate's Degree in Engineering Science, Surveying, Environmental Science, or related field and three (3) years of 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: Possession and maintain a valid driver's license.

REVISED: 06/30/17 AT