



**RENSSELAER COUNTY**  
**CIVIL SERVICE COMMISSION**  
Opportunities in the Public Service  
**OPEN COMPETITIVE EXAMINATION**

**ACCEPTING ONLINE APPLICATIONS ONLY**

Click [here](#) or visit <https://rensco-portal.mycivilservice.com> to apply online.

**EXAM NUMBER: 87559010**

**EXAM TITLE: WASTEWATER PLANT OPERATOR**

**EXAM DATE: NOVEMBER 9, 2024**

**LAST FILING DATE: OCTOBER 4, 2024**

---

**NON-REFUNDABLE \$20.00 APPLICATION FILING FEE MUST ACCOMPANY EACH APPLICATION. APPLICATIONS SUBMITTED ONLINE MUST BE PAID BY CREDIT CARD AT TIME OF FILING.**

---

**WASTEWATER PLANT OPERATOR**, Rensselaer County. The resulting eligible list will be used to fill vacancies as they occur.

**SALARY RANGE: \$62,384 – \$63,476 (salary varies according to jurisdiction)                      Grade:17**

**RESIDENCY REQUIREMENTS:** Candidates must have been legal residents of New York State for at least FOUR months immediately preceding the date of the test. Pursuant to subdivision 4a of Sec. 23 of the Civil Service Law, preference may be given to successful candidates who have been legal residents of the municipality to which the appointment is to be made for at least FOUR months preceding the date of the written test.

**TYPICAL WORK ACTIVITIES:**

- Supervises and participates in the operation of the plant and pump stations;
- Supervises and participates in the treatment and disposal of sludge;
- Supervises and assigns duties to subordinate employees;
- Performs frequent plant equipment and safety inspections;
- Trains staff on work duties;
- Conducts training programs for shift personnel;
- Inspects work areas for cleanliness and directs staff to ensure cleanliness;
- Learns and enforces County safety, procedure and work rules policies;
- Provides employee evaluation and counseling as required;
- Compiles operational details and reports as required;
- Assists the maintenance staff with the maintenance and repair of equipment;
- Performs sampling and analysis to maintain optimal operation;
- Communicates with supervisors regarding personnel and plant issues.

**MINIMUM QUALIFICATIONS: Either:**

- a) Bachelor's Degree with (30) credit hours of math and/or science from a regionally accredited or New York State registered university or college; **OR**
- b) Associate in Applied Science Degree from a New York State registered college in NYSDEC approved curriculum, plus eighteen (18) months operating experience at a wastewater treatment plant; **OR**
- c) Graduation from high school or New York State equivalency diploma and five (5) years' operating experience at a wastewater treatment plant; and twenty-four (24) months operating experience at an activated sludge wastewater treatment plant with a point score of 76 or greater, and the ability to perform necessary tests.

**SPECIAL REQUIREMENTS:**

- a. Eligibility for a Grade 3A Wastewater Operator's Certificate issued under the provisions of the New York State Sanitary Code at the time of application;
- b. Must satisfactorily complete the requirements for and obtain a NYS 3A Operators Certification pursuant to the provisions of 10NYCRR and 6NYCRR within two (2) years of employment and must maintain the certificate throughout term of employment.
- c. Eligibility for a Class D New York State Driver's License at the time of application; possession of license at the time of appointment possession of licensure must be maintained throughout the term of employment.

**SUBJECT OF EXAMINATION:** A test designed to evaluate knowledge, skills and /or abilities in the following areas.

**Operation and maintenance of pumps, valves, and related mechanical and electrical equipment-** These questions test for knowledge of the principles and procedures involved in the operation, maintenance, and repair of pumps, valves, and related mechanical and electrical equipment, including motors and electric circuitry; and for the ability to identify various types of pumps, valves, and related equipment and understand their functions.

**Physics, chemistry, and bacteriology related to wastewater treatment and disposal, including laboratory and field tests for plant operations-** These questions test for knowledge of the principles and practices of wastewater treatment, disposal, and testing, including such areas as the principles of physics, chemistry, and bacteriology involved; terminology associated with wastewater treatment and testing; operating principles of the equipment and procedures used in wastewater treatment; measurements and measuring devices used; sampling and testing wastewater and interpreting the results; and identification and characteristics of chemicals and bacteria involved in wastewater plant operations and testing. Some questions may involve basic arithmetic calculations.

**Practices and equipment used in the operation and maintenance of a Type A wastewater treatment plant-** These questions test for knowledge of the principles and practices associated with the operation and maintenance of wastewater treatment plants employing the activated sludge process or its modifications (Type A plants), including such areas as objectives of plant processes, techniques, and equipment; terminology associated with Type A wastewater treatment plants; conditions and situations encountered in Type A wastewater treatment plants; plant safety and monitoring; and equipment and materials used in Type A wastewater treatment plants. Some questions may involve basic arithmetic calculations.

**Pumping operations and related arithmetic computations-** These questions test for knowledge of pumping operations, including such areas as terminology and basic principles associated with pumps and pumping operations; instruments and equipment used in pumping operations, including various types of pumps and their components; troubleshooting pumping problems and developing solutions; pump inspection and maintenance; and the ability to perform basic arithmetic calculations associated with pumping operations.

**Supervision-** These questions test for knowledge of the principles and practices employed in planning, organizing, and controlling the activities of a work unit toward predetermined objectives. The concepts covered, usually in a situational question format, include such topics as assigning and reviewing work; evaluating performance; maintaining work standards; motivating and developing subordinates; implementing procedural change; increasing efficiency; and dealing with problems of absenteeism, morale, and discipline.

### **THE USE OF CALCULATORS IS ALLOWED.**

**Test guide:** The New York State Department of Civil Service has not prepared a test guide for this examination. However, candidates may find information in the publication 'General Guide to Written Tests' helpful in preparing for this test. This publication is available on line at: <https://www.cs.ny.gov/testing/testguides.cfm>.

### **GENERAL INFORMATION**

1. Each candidate must complete an application form and file it with the Rensselaer County Civil Service Commission, County Office Building, 99 Troy Road, East Greenbush, New York 12061. Applications should be filed as soon as possible after the announcement of the examination. Applications must be submitted online using the Civil Service Portal located on the Rensselaer County website at [www.rensco.com](http://www.rensco.com). **BE SURE EVERY QUESTION IS ANSWERED. SUBMISSION OF A RESUME INSTEAD OF A COMPLETED APPLICATION IS UNACCEPTABLE. AN INCOMPLETE APPLICATION MAY BE DISAPPROVED.** Please contact out office if you are unable to complete the online application process.
2. Accepted candidates will be notified by email when and where to appear for examination. No one will be admitted to the examination without the official admission notice. If an application is rejected, you will be notified in writing. The Civil Service Commission does not make formal acknowledgment of receipt of an application. **Email the Civil Service Office if you have not received your notice three (3) days prior to the date of examination. Send emails to: [civilservice@rensco.com](mailto:civilservice@rensco.com).**
3. Unless otherwise stated, all candidates are required to be legal residents of Rensselaer County for four (4) months immediately preceding the date of examination. Appointing authorities may give preference to legal residents of their jurisdiction. (Candidates who are not residents of Rensselaer County but live within the geographical boundaries of a governmental agency under the jurisdiction of the Rensselaer County Civil Service Commission will be considered residents for examinations held to fill positions in that governmental agency.)
4. **SENIORITY CREDITS-(PROMOTIONAL EXAMS ONLY)** will be added to an eligible score as follows: Using as a basis six (6) months of continuous permanent or contingent permanent service in the jurisdiction for which the eligible list is being established as an equivalent to 0.1. No seniority credit will be allowed for service in excess of twenty (20) years.
5. For purposes of claiming veterans credits on a Civil Service examination, an applicant must have received an honorable discharge and have served in the armed forces of the United States at any time during the following periods:

December 7, 1941 to December 31, 1946	June 1, 1983 to December 1, 1987*
June 27, 1950 to January 31, 1955	October 23, 1983 to November 21, 1983
December 22, 1961 to May 7, 1975	December 20, 1989 to January 31, 1990*
August 2, 1990 to end of such hostilities	

\*Credit for Lebanon, Grenada and Panama will be limited to those who receive the armed forces expeditionary medal, the navy expeditionary medal or the Marine Corps expeditionary medal. Veterans wishing to claim additional credit on the examination must make claim when filing application. All veterans making application for additional credit must file a Photostat copy of their discharge papers with applications. A candidate who fails to establish, by appropriate documentary proof, his eligibility to receive additional credit by the time an eligible list is established, shall **not**, thereafter be granted additional credit on such eligible list.

Effective January 1, 1998, the State constitution was amended to permit a candidate currently in the armed forces to apply for and be conditionally granted veteran's credit in examination. Any candidate who applies for such credit must provide proof of military status to receive the conditional credit. No credit may be granted after the establishment of the list. It is the responsibility of the candidate to prove appropriate documentary proof indicating that the service was in time of war, as defined in Section 85 of the Civil Service Law, and that the candidate received an honorable discharge or was released under honorable conditions in order to be certified at a score including veteran's credits.

6. In conformance with Section 85-a of the Civil Service Law, children of firefighters and police officers killed in the line of duty shall be entitled to receive an additional ten (10) points in a competitive examination for original appointments in the same municipality in which his or her parent has served. If you are qualified to participate in this examination and are a child of a firefighter or police officer killed in the line of duty in this municipality, please inform this office of this matter when you submit your application for examination. A candidate claiming such credit has a minimum of two (2) months from application deadline to provide the necessary documentation to verify additional credit eligibility. However, no credit may be added after the eligible list has been established.
7. This written examination is prepared and rated by the New York State Department of Civil Service in accordance with Section 23-2 of the Civil Service Law. The provisions of the New York State civil Service Rules and Regulations dealing with the rating and review of examinations will apply. **VERIFICATION OF QUALIFICATIONS** may be investigated and candidates may be called for an interview to determine whether they are qualified for appointment. You may be required to take a medical examination to determine if you are medically and physically capable of performing the duties of the position.
8. Eligible lists will be established in order of final rating for successful candidates and will be established for a period of four (4) years or until the establishment of an appropriate new list.
9. **NOTICE TO CANDIDATES**: Unless otherwise notified, candidates are permitted to use quiet, hand-held solar or battery powered calculators. Cell phone calculators are not permitted. Devices with typewriter keyboards, spell-check, personal digital assistants, address books, language translators, dictionaries or any similar devices are prohibited.
10. **APPLICATION FEE**: A **non-refundable** fee of \$20.00 is required for each separately numbered examination for which you apply. Certain examinations will require a \$30.00 filing fee. **The required examination fee listed on pg.1 of this announcement must be paid online at time of filing each application.** As no refund will be made, you are urged to compare your qualifications carefully with the requirements for admission and file only for those examinations for which you are clearly qualified.
11. **APPLICATION FEE WAIVER**: A waiver of application fee will be allowed if you are unemployed and primarily responsible for the support of a household. In addition, a waiver of application fee will be allowed if you are determined eligible for Medicaid, or receiving Supplemental Security Income payments or Public Assistance (Temporary Assistance for Needy Families/Family Assistance or Safety Net Assistance) or are certified Job Training partnership Act/Workforce Investment Act eligible through a State or local social service agency. **ALL CLAIMS FOR APPLICATION FEE WAIVER ARE SUBJECT TO VERIFICATION.** If you can verify eligibility for application fee waiver, you must complete a "Request for Application Fee Waiver and Certification" form **and provide the required documents with your application** by the application deadline as listed on the Examination announcement. The Examination Fee Waiver Request and Certification Form is available at time of submitting your online application. Application Fee Waiver and Certification Forms **WILL NOT** be accepted after the last filing date of an examination or without the required documentation.
12. **Religious Accommodations**: Most written tests are held on Saturdays. If you cannot take the test on the announced test date due to a conflict with a religious observance or practice, check the appropriate box under "Religious Accommodations" on your application. We will make arrangements for you to take the test on a different date.

**RENSELAER COUNTY CIVIL SERVICE COMMISSION IS AN EQUAL OPPORTUNITY EMPLOYER.**