BROOME COUNTY DEPARTMENT OF PERSONNEL
THIRD FLOOR, COUNTY OFFICE BUILDING, GOVERNMENTAL PLAZA
60 HAWLEY STREET, PO BOX 1766
BINGHAMTON, NEW YORK 13902
AN EQUAL OPPORTUNITY EMPLOYER

OPEN COMPETITIVE EXAMINATION FOR
ENVIRONMENTAL LABORATORY DIRECTOR

Exam Number: 60-841

EXAMINATION DATE: December 14, 2019
LAST DATE TO FILE APPLICATION WITH PROCESSING FEE OR WAIVER*: October 23, 2019

***Processing Fee:** Twenty dollar **($20.00)** non-refundable payment is required for each separately numbered examination for which you apply. The required processing fee must accompany your examination application. **Credit cards, checks, or money orders payable to the Broome County Office of Management and Budget will be accepted.** Please be sure to include applicant's name and examination number on your check or money order. A check returned for insufficient funds may disqualify your application and result in further action and/or service charges.

If your application is disapproved, the fee will not be refunded. Compare your qualifications carefully with the requirements specified on this announcement and file only for those examinations for which you are clearly qualified. Be specific when completing the application; include all pertinent information including credit hours if applicable. Work experience must be paid unless otherwise specified. Part-time experience will be prorated. ***Only applications which are post-marked on or before the last date to file will be accepted. ALL INTER-DEPARTMENTAL MAIL MUST BE RECEIVED BY THE CLOSE OF BUSINESS ON THE LAST DATE TO FILE, NO EXCEPTIONS. FAXED APPLICATIONS WILL NOT BE ACCEPTED.**

ADMISSION NOTICES WILL BE MAILED TO ALL APPROVED CANDIDATES APPROXIMATELY 8 DAYS BEFORE THE EXAMINATION. IF YOU DO NOT RECEIVE YOUR NOTICE BY THE TUESDAY BEFORE THE EXAMINATION, PLEASE CALL 778-2222 or 778-2276.

It is the responsibility of the candidate to notify the Broome County Department of Personnel of any change in name or address. No attempt will be made to locate candidates who have moved. The candidate change of information form is available at www.gobroomecounty.com/personnel/forms.

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, complete a "Request for Application Fee Waiver and Certification" form and submit it with your application. Fee waiver forms are available at the Broome County Department of Personnel, the Department of Social Services or on line at** www.gobroomecounty.com**.**

MINIMUM SALARY	**VACANCIES****	**LOCATION OF WORK**
$67,869	Anticipated	Village of Endicott

Eligible list: The eligible list established as a result of this examination will be used to fill vacancies, as they occur, in all Broome County departments, towns, villages, school districts, and special districts under the jurisdiction of the Broome County Personnel Officer.

**Vacancies – Positions may be filled temporarily at this time; however, the resulting eligible list must be used to permanently fill the position.

Residency: There are no residency requirements for this examination. However, preference in appointment may be given to successful candidates who, at the time of examination, are legal residents of the locality in which appointment is to be made. For appointment within Broome County departments, preference **will** be given to candidates who are residents of Broome County at the time of examination except as stated in Resolution 07-84.

DUTIES: The incumbent has responsibility for the overall functioning of the Environmental Laboratory. The work involves responsibility for preparation and performance of all required tests for wells and water distribution system, and for assuring that water supplies meet government standards. The worker is responsible for analyzing wastewater, and assisting in enforcing discharge limits for local industries. The results of the Environmental Laboratory Directors work are considered technically accurate and accepted without changes. The Environmental Laboratory Director must be qualified to obtain a certificate of approval from the New York State Department of Health for each parameter analyzed. The work is performed under the general supervision of the Chief Wastewater Treatment Plant Operator with wide leeway allowed for the use of independent judgment in carrying out the details of the work. Supervision is exercised over the Sanitary Laboratory Technician's in the performance of their assigned duties. Does related work as required.

MINIMUM QUALIFICATIONS: ***
A technical director of an approved laboratory engaged in, but limited to, inorganic chemical analysis:

A) Graduation from a regionally accredited or New York State registered college or university with an Associate's degree or higher in the chemical, physical or environmental sciences with at least sixteen college semester credits in chemistry and two years of experience performing such analysis.

A technical director of an approved laboratory engaged in microbiological and/or biological testing:

A) Graduation from a regionally accredited or New York State registered college or university with a master's degree in the chemical, environmental, physical or biological sciences, or engineering with at least sixteen college semester credit hours in the biological sciences, including, for microbiological testing, at least one course having microbiology as a major component, and at least one year of experience in environmental analysis of representative analytes for which the laboratory is approved or seeking approval; OR

B) Graduation from a regionally accredited or New York State registered college or university with a bachelor's degree in the chemical, environmental, physical or biological sciences, or engineering, with at least sixteen college semester credits in the biological sciences, including, for microbiological testing, at least one course having microbiology as a major component, and at least two years of experience in environmental analysis of representative analytes for which the laboratory is approved or seeking approval.

***** As per New York State Public Health Law Section 502, Subpart 55-2, Section 55.2-10

A full-time employee of a drinking water or sewage treatment facility who holds a valid treatment plant operator's certificate appropriate to the nature and size of such facility shall be deemed to meet the educational and experience requirements for serving as the technical director of the approved laboratory devoted exclusively to analysis of environmental samples taken within such a facility.

Anticipated eligibility: If you expect to complete the educational requirement by June 30, 2020**,** you can be admitted to this examination. If successful on the examination, you will not be certified for appointment until you have submitted proof of completion of the requirements to the Broome County Department of Personnel. Proof must be submitted by August 30, 2020; failure to do so will result in removal of your name from the eligible list. You must meet the experience requirement, if any, before the examination date.

SUBJECT OF EXAMINATION:

Analytical chemistry, including techniques, equipment, and procedures for inorganic and organic analyses

These questions test for knowledge of general principles of chemical analysis, including the various techniques used in the chemical analysis of both organic and inorganic materials, the operating principles and characteristics of the analytical equipment used, and laboratory safety.

Organization and interpretation of data, including elementary statistical analysis and quality control

These questions test for knowledge of the various techniques used in data collection and analysis. Questions may include such areas as proper methods of collecting and organizing data, elementary statistical operations performed on data, and interpreting tabulated results properly.

Principles and applications of physics and chemistry related to the testing of both treated and untreated water

These questions test for knowledge of the principles and practices of physics and chemistry as they relate to the characteristics of water, including such areas as water testing, sample preparation, and the methods, materials, and equipment used for measuring a variety of physical and chemical parameters; and water treatment processes as they relate to water chemistry and testing.

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 New York State Department of Civil Service **has not** prepared a test guide for this examination. However, candidates may find information in the publication "How to take a written test" helpful in preparing for this test. This publication is available on line at: https://www.cs.ny.gov/testing/testguides.cfm

Candidates must bring their picture ID and two sharpened #2 pencils to the examination. **USE OF CALCULATOR IS RECOMMENDED FOR THIS EXAMINATION.** Devices with typewriter keyboards, spell checkers, personal digital assistants, address books, language translators, dictionaries, or any similar devices are prohibited.

Rating: This written examination is being 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 of examinations will apply to this written test.

Applying for civil service examinations in multiple jurisdictions when examinations are scheduled on same date:

If you have **applied** for both a Broome County examination and an examination for another jurisdiction, both of which are scheduled for the same date, you must submit a Broome County Cross-filing Form indicating the site at which you intend to take your examination. The cross-filing form is available in our Department or online at http://gobroomecounty.com/files/personnel/pdfs/Crossfiling.pdf and should be submitted at least two weeks prior to the examinations. Failure to submit the cross-filing form in a timely manner may result in our not being able to accommodate your request to sit at your choice of exam sites. When taking both a State and Broome County examination, you will be required to take all your examinations at a State examination center. You will be advised by the State when and where to report for your examinations.

Religious accommodation/handicapped candidates/military personnel: If special arrangements for testing are required, indicate this on your application form.

Military Law provides special rights for members of the armed forces whose military service conflicts with scheduled civil service testing. Section 243-b (2) of Military Law states that "any member of the organized militia or reserves, who, because of active military duty other than for training purposes, missed the application filing period for an examination and as a result is deprived of the opportunity to compete in an examination, shall be given a special military make-up exam". Please contact the Department of Personnel for more information.

Special Requirement for Appointment in School Districts and BOCES:

Per Regulations of the Commissioner of Education, to be employed in a position designated by a school district or BOCES as involving direct contact with students, a clearance for employment from the State Education Department is required.

Background Investigation: Applicants may be required to undergo a State and national criminal history background investigation, which will include a fingerprint check, to determine suitability for appointment. Failure to meet the standards for the background investigation may result in disqualification.

Children of Firefighters and Police Officers killed in the line of duty: "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 points in a competitive examination for original appointment 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 the Department of Personnel of this matter when you submit your application for examination. A candidate claiming such credit has a minimum of two months from the 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."

General Information/Instructions: A copy of the general instructions, announcement and applications may be obtained upon request to the Broome County Department of Personnel or from our website at www.gobroomecounty.com.

OC Exam Form 2019

Date of Issue: 10/7/19

Environmental Laboratory Director-OC