



Department of Human Resources & Civil Service

Promotional Exam Announcement

Please Post Conspicuously

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County Executive

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Monroe County Department of Environmental Services

P-72074

Chief of Engineering and Facilities Management

Application Fee:	None
Examination Date:	June 27, 2020
Application Deadline:	April 28, 2020 – Applications must be submitted online or filed in our office by 5PM or postmarked by this date
Who May Apply:	Qualified employees of the Monroe County Department of Environmental Services
Salary:	\$87,985 - \$113,466 annually
Employment Opportunities:	The results of this exam may be used to fill vacancies, which may occur during the life of the eligible list.

An open-competitive exam is also being offered for qualified applicants.

Minimum Qualifications:

Candidates must be permanently employed in the competitive class at the **Monroe County Department of Environmental Services** and must have served continuously on a permanent basis for **twelve (12) months** holding the position of **Associate Engineer** or **Associate Engineer - Pure Waters** immediately preceding the date of the written test.

A combination of time served in multiple titles sufficient to meet the maximum period of required service is also qualifying.

Any person, otherwise meeting the requirements for an examination, who was laid off from an agency for which the examination is being held, and whose name is presently on a preferred list is eligible to compete in the examination. When completing the application, such person should be sure to indicate his/her present employment and/or the title and location of his/her last permanent employment in the municipality.

Description of Duties:

This is a professional engineering position responsible for supervising the operations of the Engineering and Facilities Management (Engineering, Code Enforcement, Maintenance and Construction, Geographic Information Systems [GIS] and Building Operations) section of the Department of Environmental Services. Responsibilities involve administering the professional services selection process, compliance monitoring, developing the Capital Improvement program, and preparing and presenting legislative referrals. The employee reports directly to, and works under the general supervision of the Director of Environmental Services or other higher-level staff member. General supervision is exercised over a professional staff.

Scope of Examination:

The **written, multiple-choice test** will cover knowledge, skills and/or abilities in such areas as:

Preparing written material

These questions test for the ability to present information clearly and accurately, and to organize paragraphs logically and comprehensibly. For some questions, you will be given information in two or three sentences followed by four restatements of the information. You must then choose the best version. For other questions, you will be given

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paragraphs with their sentences out of order. You must then choose, from four suggestions, the best order for the sentences.

Principles and practices of civil engineering

These questions test for knowledge of engineering concepts and their practical applications to the construction, operation and maintenance of public works projects, including roadways, bridges, buildings, water and sewage systems and similar types of infrastructure.

Engineering plans, specifications and estimates

These questions test for knowledge of and the ability to read and interpret construction drawings and technical specifications, and for the ability to calculate cost and quantity estimates from technical presentations and/or engineering and construction drawings. Knowledge of estimating techniques and the proper method of construction for specified projects will be required.

Construction and maintenance of highways, bridges, drainage systems and other related structures

These questions test for knowledge of the engineering concepts, practices, testing procedures, materials and computations used in the installation, repair and upkeep of roadways, overpasses, abutments, retaining walls, embankments, drainage structures and related appurtenances.

Construction, reconstruction and repair of streets, sewers, waterlines and other related structures

These questions test for knowledge of the engineering concepts, practices, testing procedures, materials and computations used in the installation, repair and upkeep of streets, curbs, sidewalks, abutments, retaining walls, sewage and water systems, and related appurtenances.

Principles of project management, including contracts, contract administration and construction economics

These questions test for knowledge of the concepts, terminology, proper procedures and computations used in the planning, scheduling and oversight of contractual agreements for public works projects, including economic and scheduling techniques such as cost/benefit analysis and the critical path method.

Administrative supervision

These questions test for knowledge of the principles and practices involved in directing the activities of a large subordinate staff, including subordinate supervisors. Questions relate to the personal interactions between an upper level supervisor and his/her subordinate supervisors in the accomplishment of objectives. These questions cover such areas as assigning work to and coordinating the activities of several units, establishing and guiding staff development programs, evaluating the performance of subordinate supervisors, and maintaining relationships with other organizational sections.

Calculators and Reference Materials:

Most civil service written tests do not require the use of a calculator or slide rule. However, the use of calculators is **RECOMMENDED** for this exam. Candidates have the option of bringing a hand-held, quiet, battery or solar-powered arithmetic calculator or a slide rule to the test room. Candidates will not be permitted to use calculators containing spell check, dictionary, language translator, address or telephone book, personal digital assistants, or typewriter keyboard features, or any similar devices. You may not bring books or other reference materials.

This written examination is being prepared and rated in accordance with Section 23(2) of the Civil Service Law. The provisions of the New York State Civil Service Law, Rules and Regulations dealing with the preparation and rating of examinations, as well as establishment and certification of eligible lists for positions in the classified service will apply to this examination.

----- **BASIC CIVIL SERVICE INFORMATION** -----

Applications:

If you are applying for more than one exam, a separate application is required for each exam. Applications may be obtained at the address or web-site indicated at the bottom of the first page of this announcement.

Candidates must record the Exam Number and Title on the Application.

Seniority:

Seniority points will be added to the score of every passing candidate at the rate of one (1) point for each appropriate five (5) year period for each year of continuous permanent service calculated to the date of original entry in the permanent classified service in accordance with the following schedule.

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(Monroe County Department of Environmental Services)**

Less than 1 year	0 Points
1 year up to 6 years	1 Point
Over 6 years up to 11 years	2 Points
Over 11 years up to 16 years	3 Points
Over 16 years up to 21 years	4 Points
Over 21 years up to 26 years	5 Points

Seniority points will be calculated at the time of examination.

Certifications and Appointments:

The eligible list resulting from this examination will be established in accordance with the final earned numerical rating of passing candidates regardless of residence.

Veteran's Credits:

Veterans entitled to and wishing to claim additional points must file in the Monroe County Department of Human Resources an Application for Veteran's Credits (VC-1) form, and a copy of their military discharge papers (DD-214). Disabled veterans must also file two (2) copies of an Authorization for Veteran's Disability Record (VC-4) with Veterans Affairs. These forms are available at the Monroe County Department of Human Resources and must be filed within thirty (30) days of the examination date. No credit may be added after the eligible list has been established.

Candidates currently on active duty may apply within thirty (30) days of the examination. Upon discharge, candidates must submit a copy of their military discharge papers (DD-214). Any extra points will be applied upon our receipt of the discharge papers.

Active Military Members:

Special testing arrangements may be available to applicants who are active military members. For further information contact the Monroe County Department of Human Resources before submitting an application.

Special Arrangements for Examination:

If you need an alternate test date because you are a Religious Observer [for religious reasons, cannot be tested on date of examination(s)], if you have a disability that requires special accommodations for you to participate in an examination, or if you require any other kind of special accommodations, you must notify us at the address or telephone numbers listed on the front page of this announcement by the application deadline. Indicate your request on the front of your application for each exam, and under separate cover submit a statement outlining the reason for your request, the exam number(s) and title(s), and attach supporting documentation.

Multiple Exam Takers:

Persons also applying for examinations offered by the City of Rochester and/or New York State Civil Service Commission held on the same date must complete a crossfiler form, available from the Monroe County Department of Human Resources, which will provide for special arrangements. Arrangements must be made to take **ALL** examinations at **ONE** test site. Unless this form is filed with the Monroe County Department of Human Resources three (3) weeks prior to the exam date, we cannot ensure that such arrangements will be made. **If you are taking multiple exams on the same date with Monroe County Civil Service Commission only, you do not have to file a cross-filer form.**

Candidates taking more than one (1) exam in **different** exam series will be allowed the specified length of time for each exam, up to a maximum of eight (8) hours. Example: If you are taking one (1) exam which allows six (6) hours and another exam in a different series which allows four (4) hours, you must complete both tests in eight (8) hours, but you can spend no more time on each exam than the time allotted for that exam.

Candidates taking more than one (1) exam in the **same** exam series will be allowed up to the specified length of time for each exam. Example: If you are taking two (2) exams in the same series with a maximum time of five (5) hours for each exam, you can spend no more than five (5) hours to complete both exams.

Admission to Examination:

All applications will be reviewed after the "Closing Date for Filing" listed on the front page of this announcement. If there is a problem with your application, you will be notified in writing and given an opportunity to submit additional information to support your application. If there are no problems with your application, you will be sent an admission notice approximately one week before the exam date. If you have not received your admission notice to appear for the examination **three days** before the date of the exam, call the Monroe County Department of Human Resources at (585) 753-1700.

Issue Date: April 8, 2020