

**WARREN COUNTY DEPARTMENT OF CIVIL SERVICE ADMINISTRATION**

**Announces**

**OPEN COMPETITIVE EXAMINATION**

**For**

**GIS & UTILITIES LOCATION TECHNICIAN**

**STATE NO. 65993**

**LAST FILING DATE: December 12, 2017**

**LOCAL NO. 2086**

**EXAMINATION DATE: January 20, 2018**

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**NON-REFUNDABLE \$10.00 APPLICATION FEE REQUIRED  
(CHECK OR MONEY ORDER ONLY – NO CASH)**

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**VACANCIES:** This examination is being held to establish an eligible list to be used as vacancies occur in any agency serviced by Warren County. Presently there is one vacancy at the Town of Queensbury.

**SALARY:** Varies by location

**RESIDENCY:** Candidates must have been legal residents of Warren County for at least four months immediately preceding the date of the written exam.

**DUTIES: (illustrative only)**

Locates and marks out the location of water and wastewater systems;  
Identifies uncovered pipes and lines;  
Inspects new installations, records new information relative to the installations/repairs and updates water and wastewater maps and records;  
Performs field work to visibly verify the existence and/or location of municipal assets;  
Records information relative to installations and repairs and updates water and wastewater GIS database as required;  
Reviews maps and cards to identify municipal water and wastewater pipes and/or lines uncovered during construction or installations, determines the best way for the construction or installation to proceed given the nature of the pipes and lines, and determines necessary fill and fittings  
Maintains Geographic Information System (GIS) databases used to store, retrieve, report and share a variety of digital and non-digital public works related data used in the operation of a Geographic Information System (GIS);  
Performs tasks to ensure that GIS data is compliant with standard GIS data design practices including creating meta-data sets and creating topologies to define the interrelations of the data;  
Installs, tests, configures and diagnoses and resolves problems with computer hardware, software and peripheral equipment as required;  
Designs, creates and/or updates a variety of maps including maps of utilities and other municipal assets;  
Converts hard copy maps to a digital format;  
Assists in the development of a GIS by linking database information to graphic elements and images;  
Performs basic calculations and computations relative to the work performed;  
Creates and maintains records and reports relative to the work performed;  
May train other employees in GIS use

## **MINIMUM QUALIFICATIONS:**

- (a) 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 or higher, which included or was supplemented by twelve credit hours of coursework in engineering science, mechanical design technology, mechanical engineering technology, geography, urban planning, computer programming, computer science or closely related field AND two (2) years of experience administering a Geographic Information System or other computerized mapping and assessment system or two (2) years of experience designing, creating and updating maps based upon digital and non-digital data; OR
- (b) Graduation from high school or possession of a high school equivalency diploma and four (4) years of experience administering a Geographic Information System or other computerized mapping and assessment system or four (4) years of experience designing, creating and updating maps based upon digital and non-digital data.

## **SUBJECTS OF EXAM:**

Subjects of examination: A written test designed to evaluate knowledge, skills and /or abilities in the following areas:

### 1. Computer-assisted mapping, including geographic information system (GIS) applications

These questions test for knowledge of the concepts, terminology, and proper procedures to use when creating and revising maps and site plans utilizing GIS and computerized mapping software.

### 2. Water distribution systems and fire hydrants

These questions test for knowledge of the proper methods, materials and equipment used in the installation, testing, repair and operation of waterlines, fire hydrants and related appurtenances, including trenching and safety practices.

### 3. Sanitary and storm sewer systems

These questions test for knowledge of the proper methods, materials and equipment used in the installation, maintenance, repair and cleaning of sewer and storm drainage lines, catch basins and related appurtenances.

### 4. Understanding and interpreting technical information and construction and site plans

These questions test for the ability to read, analyze and perform computations based on written technical presentations and technical drawings related to water and/or sewer line systems. All the information needed to answer the questions will be presented in the written material and/or drawings.

**NOTE:** 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: [www.cs.ny.gov/testing/localtestguides.cfm](http://www.cs.ny.gov/testing/localtestguides.cfm)

**NOTE:** Candidates are **RECOMMENDED** to use quiet, hand-held solar or battery powered calculators. Devices with typewriter keyboards, Spell Checker, Personal Digital Assistants, Address Books, Language Translators, Dictionaries, or any similar devices are **PROHIBITED**. No books or reference material will be allowed into the examination site. Cell phones are **PROHIBITED**.

**HOW TO APPLY:** Applications and information may be obtained from the Warren County Department of Civil Service Administration, or from the web site: [www.warrencountyny.gov/civilservice](http://www.warrencountyny.gov/civilservice) Application/exam fee must be submitted to the Warren County Civil Service Administration before the close of business at 4:30p.m. on the last filing date listed on the Examination Announcement. Applications received via U.S. Mail will be accepted only if postmarked on or before the last filing date. You are responsible for completing **ALL** sections of the official application. To receive credit for experience on a job, basic information such as address, name and title of supervisor, hours in the workweek, final salary, etc. must be shown. Ambiguity and vagueness **WILL NOT** be resolved in your favor.

**APPLICATION FEE:** An application processing fee as specified on this announcement must accompany the application. **CHECK OR MONEY ORDER ONLY** must be payable to **WARREN COUNTY TREASURER. DO NOT SEND CASH. YOU MUST LIST THE EXAM NUMBER ON THE CHECK OR MONEY ORDER.** You are responsible for comparing your qualifications with the minimum qualifications posted on this examination announcement. **THERE WILL BE NO REFUNDS** if your application is disapproved.

**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 the Exam Fee Waiver and Certification section on the application or submit the "Application for Fee Waiver and Certification" form with your application by the close of business on the Last Filing Date as listed on the Examination Announcement.**

**Veteran's Credits:** Veterans or disabled veterans who may be eligible for additional credits must check the appropriate areas on the application and also submit a separate **Application for Veteran's Credits** and supporting documentation. Applications and information on veteran's credits may be obtained at the Warren County Department of Civil Service Administration.

**NOTE:** 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, notify this office of this matter when you submit your application for examination

**Saturday Sabbath Observers – Physically Challenged Individuals – Active Military Members:** Applicants whose religious beliefs or military service prevent their taking examinations on the scheduled date and candidates with a disability who require reasonable accommodations to take the test must clearly indicate the need for special arrangements on their Application. Candidates who are called to military service after filing an Application should send requests for an alternate test date to our Office as soon as possible before the test date. Military Service Members who apply for an examination during the filing period but are on active military duty on the date the examination is scheduled may request a military make-up examination. If you are on active duty or discharged after the filing period has begun, you may apply for the examination up to ten days before the test date. You must submit with your application the type of special arrangements or reasonable accommodations requested accompanied by all supporting documentation.

**Multiple Exams Scheduled for the Same Date:** If you have applied with any other local Civil Service agency for any other examination held on the same day, you must make arrangements with each agency to take all your examinations at one test site no later than two weeks before the test date. If you have applied for both State and Local examinations, you must make arrangements with this agency to take all your examinations at a State examination center no later than two weeks before the test date. If you have questions please contact Warren County Civil Service at (518) 761-6440.

#### **GENERAL INSTRUCTIONS AND INFORMATION**

1. Positive identification will be required at the test site.
2. Falsification of any part of the "Application for Employment" will result in disqualification.
3. Applicants must answer every question on the application form and make sure that the application is complete in regard to meeting the minimum qualifications for this examination. There will be no refund of the application fee should your application be disapproved. Time and place of the examination will be mailed to candidates whose application has been approved, one week before examination date.
4. Where a degree is required for minimum qualification, do not send transcript unless required on this announcement.
5. Appointments from an eligible list must be made from the top three candidates willing to accept appointment. All eligible lists will be established for a maximum of four years or the establishment of a new list. It is probable that a number of titles will have an insufficient number of candidates and examinations for these titles will be held on a more regular basis with eligible lists being replaced within the four-year period. Candidates are advised to review our examination postings at our web site: [www.warrencountyny.gov/civilservice](http://www.warrencountyny.gov/civilservice) . Candidates will NOT be notified should eligible lists expire within the four-year period.

6. It is the responsibility of the candidate to notify the Warren County Department of Civil Service of any change in name and/or address. No attempt will be made to locate candidates who have moved.
  7. The passing grade for this examination is 70. Background checks may be required for appointment.
  8. The salary of this position is subject to change from time to time, or may be different in agencies serviced by the Warren County Department of Civil Service; vacancies may, therefore, be filled at a higher or lower salary than the one announced.
  9. **SPECIAL REQUIREMENT FOR APPOINTMENT IN SCHOOL DISTRICTS AND BOCES:** Per Chapter 180 of the Laws of 2000, and by 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.
  10. **BACKGROUND INVESTIGATION:** Applicants may be required to undergo extensive investigation of criminal history and background, which may include a fingerprint check, to determine suitability for appointment. Costs related to such investigation may be borne by the applicant. Failure to meet the standards of investigation may result in disqualification.
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This written test is being prepared and rated by the N.Y.S. Department of Civil Service in accordance with Section 23-2 of the Civil Service Law. The provisions of the N.Y.S. Civil Service Rules and Regulations dealing with the rating of examinations will apply to this exam.

**ISSUED:** November 13, 2017

**Patricia C. Nenninger  
Personnel Officer  
MUNICIPAL CENTER  
1340 STATE ROUTE 9  
LAKE GEORGE, NY 12845-9803**

**WARREN COUNTY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER**  
View all examination announcements on line at: [www.warrencountyny.gov/civilservice](http://www.warrencountyny.gov/civilservice)