

## **WATERSHED MANAGER**

**DISTINGUISHING FEATURES OF THE CLASS:** This is a supervisory position responsible for the management and oversight of the watershed and the lands and waters managed by the City's Water Department. Work is performed under the supervision of the Commissioner. The position involves providing technical, informational and organizational oversight that will improve watershed health, development, sustainability and the quality and quantity of the City's resources. The focus of the work related to watershed assessment, technical planning and leadership and the creation, implementation and coordination of work plans and strategies to restore and protect water resources.

### **TYPICAL WORK ACTIVITIES:** (Illustrative Only)

- Coordinates, trains and supervises forestry and labor personnel;
- Implements best management in pesticide use;
- Oversees and participates in the maintenance and operation of the department's watercraft fleet;
- Manages and inspects the source and supply infrastructure;
- Performs water quality sampling and inspections;
- Produces recommendations for maintaining water quality and environmental ecological functions;
- Updates and modifies GIS databases;
- Performs forest health and invasive environmental ecological functions;
- Maintains computerized records;
- Prepares complex analytical reports;
- May train staff of GIS/GPS software and hardware;
- Enters and retrieves information in an automated information system;
- Performs related work as required.

### **FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

- Thorough knowledge of the practical application of science and technology, including applying methods, principles, techniques and procedures;
- Thorough knowledge of principles and methods for describing the features of land and water, including their physical characteristics, locations, interrelationships, and distribution of plant, animal, and human life;
- Good knowledge of arithmetic, algebra, geometry, statistics, and their applications;
- Good knowledge of personal computers and office equipment;
- Ability to determine how changes in conditions, operations, and the environment will affect outcomes;
- Ability to follow oral and written directions;
- Dependability;
- Physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:**

- A. Graduation from a regionally accredited or NYS registered college or one accredited by the NYS Board of Regents to grant degrees with a Bachelor's Degree (or higher) in Natural Resource Management, Environmental Science or a related field and eight (8) years full-time paid experience in natural resource management or a related field, in which two must have been in a supervisory capacity; **OR**
- B. Graduation from a regionally accredited or NYS registered college or one accredited by the NYS Board of Regents to grant degrees with an Associate's Degree in Natural Resource Management, Environmental Science or a related field and ten (10) years full-time paid experience in natural resource management or a related field, in which two must have been in a supervisory capacity; **OR**
- C. Any equivalent combination of training and experience as defined by the limits of (A) and (B) above.

**SPECIAL REQUIREMENT:**

- Must possess a valid NYS Driver's License at the time of appointment and for the duration of employment.
- Must obtain a NYS Pesticide Applicator's License within two years of appointment.
- Must complete a Coast Guard approved Boating Safety Course within six months of appointment.
- May be required to work in the event of an undeclared or declared emergency.