



## **CONSERVATION DISTRICT SENIOR TECHNICIAN**

Jurisdiction Class: Competitive  
Civil Division: Soil and Water  
Adopted by PO: 12/27/2017

### **DISTINGUISHING FEATURES OF THE CLASS:**

This position performs technical work involving responsibility for conducting field surveys, designing and supervising conservation projects to protect the soil and water resources on public and private properties. Employees in this class are expected to supervise and assist directly in district programs related to the conservation of soil and water resources. Field work is a requirement of this position and duties increase in difficulty and responsibility as the employee's professional development increases. This individual will be expected to work independently, have responsibility for certain programs and supervise other personnel who assist in the various programs. Work is performed under the general supervision of the Conservation District Field Manager with leeway allowed for the exercise of independent judgement in carrying out the details of the work. Employees in this position may assume limited administrative duties in the planning and execution of the overall District program. Administrative duties may include, but are not limited to, application for, implementation of and administration of grant programs. Does related work as required.

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

Provide technical assistance to landowners, contractors and municipal officials including the evaluation, survey, design, cost estimates, layout and construction of soil and water conservation practices;  
Supervise others and collect data, prepare surveys, maps and specifications concerning potential conservation practices;  
Develop conservation farm plans for agricultural producers;  
Acquire, implement and administer grants;  
Survey, design and layout various agricultural and non-agricultural conservation projects;  
Perform stormwater inspections;  
Review plans prepared by others for proper conservation and performance practices;  
Perform watershed inspections;  
Operate and maintain motor a hydroseeder, bale mulcher and/or other field equipment;  
Collect water samples and assist with invasive species control;  
Complete soil group worksheets for the agricultural value assessment program;  
Prepare and deliver educational programs;  
Prepare reports and maintain records;  
Utilize a geographic information system (GIS) for conservation planning;  
Attend training programs, obtain and maintain certifications;  
Provide training to other District staff;  
Perform other duties as assigned.

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

Working knowledge and correct application of appropriate conservation practices and application skills;  
Ability to utilize geographic information system (GIS) software;  
Ability to interpret engineering designs, mapped information and aerial images;  
Acquisition and maintenance of national, state or local certifications as needed to implement programs;  
Good math skills;  
Good written and oral communication skills;  
Ability to interact positively and professionally with co-workers, co-operating agencies and the public;  
Ability to understand and carry out written and oral instructions;  
Ability to work independently;  
Ability to acquire, implement and administer grants;  
Manual dexterity and mechanical aptitude;  
Physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:** Either;

- a) Graduation from a regionally accredited or New York State registered four (4) year college or university with a Bachelor's Degree or higher in Applied Science, Natural Resources Conservation, Agronomy, Agricultural Science, Biology or closely related field AND four (4) years of progressively responsible experience in survey, design and application of conservation practices; OR
- b) Graduation from a regionally accredited or New York State registered two (2) year college with an Associate Degree or higher in Applied Science, Natural Resources Conservation, Agronomy, Agricultural Science, Biology or closely related field AND eight (8) years of progressively responsible experience in survey, design and application of conservation practices; OR
- c) Graduation from high school or possession of a high school equivalency diploma AND Twelve (12) years of progressively responsible experience in survey, design and application practices; or
- d) An equivalent combination of education and experience as indicated in a), b) and c).

**SPECIAL REQUIREMENTS FOR ACCEPTANCE OF APPLICATIONS:**

Possession of a valid NYS Driver's License at the time of appointment and must maintain said license in good standing throughout employment in the position.