



CONSERVATION DISTRICT TECHNICIAN

Jurisdiction Class:	Competitive
Civil Division:	Soil and Water
Adopted by YCCSC:	02/03/1971
Revised by YCCSC:	07/06/1988
Revised by PO:	08/08/2017
Revised by PO:	12/27/2017

DISTINGUISHING FEATURES OF THE CLASS:

This is technical work involving responsibility for assisting in field surveys, design and supervision of conservation projects to protect the soil and water resources on public and private properties. Employees in this class are expected to 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 and have responsibility for certain programs. Work is performed under the general supervision of the Conservation District Field Manager and/or his or her designee with wide leeway allowed for the exercise of independent judgement in carrying out the details of the work. Performs other duties as assigned.

TYPICAL WORK ACTIVITIES:

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;
Collect data and prepare surveys, maps and specifications concerning potential conservation practices;
Develop conservation farm plans for agricultural producers;
Survey, design and layout of various agricultural and non-agricultural conservation projects;
Perform stormwater inspections;
Review site plans for proper erosion control and stormwater practices;
Perform watershed inspections;
Operate and maintain a hydroseeder, bale mulcher and other field equipment;
Collect water samples and assist with invasive species control;
Complete soil group worksheets for the agricultural value assessment program;
Assist with educational programs;
Prepare reports and maintain records;
Utilize a geographic information system (GIS) for conservation planning;
Attend training programs and obtain certifications;
Performs other duties as assigned.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Working knowledge of conservation practices and application skills;
Ability to learn and utilize geographic information system (GIS) software;
Ability to interpret engineer designs, mapped information and aerial images;
Ability to obtain 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;
Work independently;
Manual dexterity and mechanical aptitude;
Physical condition commensurate with the demands of the position;

MINIMUM QUALIFICATIONS: Graduation from senior high school or high school equivalency; and

- a) Graduation from a regionally accredited or New York State registered two year college with an Associate Degree or higher from a regionally accredited or New York State registered college in Applied Science, Natural Resources Conservation, Agronomy, Agricultural Science, Biology or closely related field; OR
- b) Two years' experience in survey, design and application of conservation practices.

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.