

GENESEE COUNTY

SENIOR CONSERVATION DISTRICT TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: An individual in this class performs technical field work and assists in carrying out a coordinated program of soil and water conservation. The incumbent assists Genesee, Orleans, Erie, Niagara and Monroe Counties in the application and maintenance of complex conservation practices. The employee may also provide training to the other District Technicians. Work is performed under the administrative supervision of the Conservation District Senior Field Manager. Does related tasks, as required.

TYPICAL WORK ACTIVITIES:

- Plans and designs, within delegated authority limits, and then implements soil and water conservation methods for each office. Measures implemented include diversions, drainage systems, rock riprap, underground outlets, tile outlet diversions, stone-center waterways, terrace systems, waste management systems, and wetlands restoration;
- Determines feasibility of conservation designs and makes modifications within delegated level of authority; makes site selection and suggests alternative designs; refers complex engineering problems to USDA-NRCS Engineering Staff;
- Directs, inspects, and verifies construction work for compliance with approved design plans and specifications; writes reports on accessibility of construction measures and certifies completed work for cost sharing payment;
- Develops conservation plans for land used for agricultural, recreational, commercial, residential, and public purposes. Evaluates area to determine most effective conservation plan; provides recommendations and solutions, working with the landowner to develop a plan which is geared to the land capabilities as well as the desires and needs of the landowner or operator. Carries out the responsibilities in conjunction with the Food and Agricultural Conservation Trade Act (FACTA) and the Agricultural Conservation Program (ACP);
- Provides training in application and maintenance of conservation practices to newly assigned employees and contractors. Documents training given and recommends additional training to District Managers and District Conservationists.

The above examples of duties are intended only as illustrations of the various types of work performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ACTIVITIES AND/OR PERSONAL CHARACTERISTICS:

Good knowledge of materials and procedures used in the application of erosion control systems, best management practices for water quality, water management systems and other conservation practices; good knowledge of the principles and practices of natural resource conservation with emphasis on soil and water conservation; ability to interpret maps, charts and graphs; ability to deal with the public and present the SWCD program to interested parties; ability to compile and prepare reports; ability to communicate effectively both oral and in writing; physical condition commensurate with the demands of the job. CONTINUED.....

SENIOR CONSERVATION DISTRICT TECHNICIAN

Page 2

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an appropriate equivalency diploma recognized by the NYS Department of Education,
AND EITHER:

- A. Graduation from an accredited two year college with a degree in agriculture, agriculture engineering, forestry, environmental science, natural resources management, or a related field and 3 years of full-time, paid experience in the planning, designing, and implementation of soil and water conservation practices;

OR:

- B. Five years of full time paid experience in the planning, designing, and implementation of soil and water conservation practices.

SPECIAL REQUIREMENTS UPON APPOINTMENT:

- 1) Possession of valid NYS drivers license
- 2) Possession of either:

- A. Professional Erosion and Sediment Control Specialist Certificate

OR:

- B. Senior Civil Engineering Technician Certificate

All qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex, age, disability or marital status.

Competitive Class
Adopted
8/9/95