

CONSERVATION DISTRICT TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: The work involves the technical application of environmental and conservation programs on both private and public properties. A person in this class is involved with the planning, performance of field surveys, and the design and installation of conservation projects for the Cattaraugus County Soil and Water Conservation District. Duties are performed under the general supervision of the District Field Manager following accepted standards and specifications for conservation practices. Direct supervision may be exercised over work crews during the construction of projects to ensure conformance with approved design. A Conservation District Technician does related work as required.

TYPICAL WORK ACTIVITIES:

- Prepares plans, field surveys, designs and oversees implementation of soil, water, and related natural resource conservation projects on agricultural & non-agricultural lands. These practices may include drainage & runoff control, water quality protection, erosion & sediment control, stream stabilization, ponds and related items;
- Estimates the costs of proposed conservation projects;
- Reviews landowner conservation plans and offers advice in applying accepted conservation practices to their properties;
- Inspects work in progress to ensure adherence to plans;
- Administers the District's stream disturbance permit program in cooperation with the New York State Department of Environmental Conservation;
- Prepares and maintains maps and specifications for projects;
- Assists landowners with calculation of Agricultural Value Assessments;
- Assists with annual tree and shrub sale including preparation of customer orders;
- Maintains records of activities and completed projects;
- Assists in the preparation of District newsletter and annual report;
- Participates in public information and education activities to promote programs and services of the soil and water conservation district.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL

CHARACTERISTICS: Working knowledge of materials and procedures used in the construction of erosion and sediment control practices, drainage systems, ponds, forests, and other conservation practices; skill in the use of survey instruments; ability to make engineering computations and use engineering tables; ability to interpret plans, charts, and drawings; ability to understand and carry out written and oral instructions; ability to effectively present the conservation program to interested parties; ability to compile and prepare reports; ability to analyze and organize complex data and to prepare records and reports concisely; ability to develop effective working relationships and deal diplomatically with the public, coworkers and other work contacts; ability to maintain records; mechanical aptitude; attention to detail; physical condition sufficient to perform the essential functions of the position

MINIMUM QUALIFICATIONS: Graduation from high school or possession of a high school equivalency diploma **and either:**

A.) Graduation from a regionally accredited or New York State registered college or university with at least an associate degree in agriculture science, mechanical or civil engineering, construction technology, environmental science or technology, forestry management, Natural Resources Conservation, Fish and Wildlife, Agronomy or a related field;

OR

B.) Graduation from high school and three (3) years of experience in Soil and Water Conservation or a closely related field;

OR

C.) An equivalent combination of training of training and experience as defined by the limits of A.) and B.).

CATTARAUGUS COUNTY CIVIL SERVICE

Revised 2/28/90; 4/2/19; 1/8/21