

CONSERVATION DISTRICT TECHNICIAN

LOCATION:	Tioga Co. Soil & Water Conservation
CLASSIFICATION:	Competitive
SALARY:	To be determined
ADOPTED:	Adopted 10/94; Revised 10/02, 06/07,01/19 Tioga Co. Personnel & Civil Service

DISTINGUISHING FEATURES OF THE CLASS: This is technical work involving responsibility for assisting the Conservation District Manager in field surveys, design and supervision of designated conservation projects. The incumbent performs a variety of technical duties related to the establishment of conservation practices concerning land use, stream maintenance and restoration, and water quality/management on public and private properties. Work is performed under the general supervision of the Conservation District Manager. Does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative only)

- Assists in the survey and design of soil and water conservation Best Management Practices (BMP's) such as diversion ditches, strip cropping, barnyard runoff management systems and manure storage systems;
- May be designated to coordinate and develop stream protection and restoration projects and plans (survey and design) with private landowners, municipalities, watershed organizations, and others needing assistance throughout the county;
- Identify and apply for additional sources of funding to complete stream restoration projects;
- May be designated to coordinate with neighboring counties Soil Water Conservation Districts' (SWCD) to identify sites common to both in need of stream restoration and work with counties to develop restoration plans;
- May be designated to lead in coordinating with local and regional watershed organizations and provide technical assistance to them on Water Quality Programs;
- Provide assistance to landowners and municipalities with DEC and Army Corp of Engineers permits upon request;
- Assist other district staff with implementation of both Ag and Non-Ag Best Management Practices as time permits;
- Assists in preparing grant applications for non-point pollution abatement and prevention;
- Assists with established district programs such as seedling program, agricultural assessments, hydro-seeding, no-till, and Agricultural Environmental Management (AEM) as requested;
- Assists in preparing maps and specifications;
- Collects data for the purpose of practice design and cost estimation;
- Assist with educational outreach programs such as environthon, county fair, etc.;
- Prepares a monthly work report and keeps daily narrative;
- Submits news articles for the District newsletter, newspapers, etc.;
- Completes other duties as assigned by the Conservation District Manager.

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

Working knowledge of materials and procedures used in the construction of conservation practices, drainage systems, ponds, forests and other conservation projects; working knowledge of arithmetic; working knowledge of engineering surveying; Working knowledge of the principles and practices of natural resource conservation; Working knowledge of the principles of hydrology stream morphology and restoration principles; Working knowledge of data collection required for stream morphologic projects; Working

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knowledge of GIS, Microsoft Word, PowerPoint and Excel; Working knowledge of equipment and tools required to complete SWCD projects; Ability to apply stream restoration principles and provide technical assistance on them through design and implementation projects; Ability to use survey equipment to conduct level and topographic surveys; Ability to compile data and prepare a variety of written documents; Good verbal and interpersonal skills; Ability to communicate effectively and work with landowners, watershed groups, municipal officials, and others as needed; Ability to change work focus easily and readily; Ability to convey enthusiasm to the public for programs of primary responsibility as well as other District Programs; Physical condition commensurate with demands of the position.

MINIMUM QUALIFICATIONS (Either):

- a) Graduation from a regionally accredited or New York State registered college or university with an associate's degree in natural resources management, agricultural engineering, civil engineering or related field; **OR**
- b) Graduation from high school or possession of an equivalency diploma and two (2) years of full-time paid work experience or its part-time equivalent in the natural resource or conservation field; **OR**
- c) An equivalent combination of training and experience as indicated in (a) and (b) sufficient to indicate ability to do the work.

SPECIAL REQUIREMENT: Must possess an appropriate and valid NYS driver's license at the time of appointment and continuously during employment to perform essential duties occurring during the normal course of work.