

SOIL AND WATER CONSERVATION DISTRICT TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: The work involves responsibility for the technical planning, survey, and design of conservation projects. GIS mapping, layer creation, and updating are a key component of this position. Drainage, erosion, and flooding issues are all assessed on-site with determinations made to help correct or enhance these troubled areas. Incumbents are expected to be self-starters that work independently from planning, permitting, to construction oversight and inspection. Work is performed in the office and in the field. Supervision of others is not a responsibility of this class. Work is performed under the general supervision of the Soil and Water Conservation District Manager. A Soil and Water Conservation District Technician does related work as required.

TYPICAL WORK ACTIVITIES:

Prepares soil group worksheets for Agricultural Assessment;
Performs Hydro-seeding, critical area conventional seeding and fertilizing, as well as mulching with the bale mulcher;
Responsible for planning, permitting, survey, design, and layout of agricultural and non-agricultural practices;
Performs GIS mapping, layer creation, and annual updating with a focus on stream stabilization, shoreline protection, drainage, and erosion;
Utilizes GPS field survey equipment and GIS computer software;
Assists with Agricultural Environmental Management Planning, as needed;
Assists with education and outreach, as needed; and
Performs other related duties as assigned.

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

Working knowledge of agricultural and nonagricultural Best Management Practices as well as the NRCS Standards and Specifications; working knowledge of drainage, erosion issues, tile drainage, and flooding; working knowledge of construction, equipment, and construction inspection; working knowledge of basic surveying techniques; skill in using GIS and GPS; ability to use GIS and GPS in performance of duties; ability to get along with others; ability to understand and follow oral and written instructions; ability to communicate effectively both orally and in writing; ability to establish and maintain effective working relationships with others; ability to prioritize tasks and work independently; ability to actively interact and communicate with the general public; ability to deal firmly yet courteously with the public; self-starter; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Applicants must meet all requirements described in the following table in order to be approved for examination and/or appointment:

Qualification Option #	1
Training/Education	<input type="checkbox"/> Possession of an Associate's ^{1,2} degree in agronomy, agriculture, natural resource conservation, environmental science, environmental education, hydrology, or a closely related field.
General experience	<input type="checkbox"/> Six (6) months of full-time, paid experience in soil and water conservation or natural resources.
Supervisory experience	<input type="checkbox"/> N.A.
License/Certification	<input type="checkbox"/> Possession of a valid New York State driver's license.
Other requirements	<input type="checkbox"/> See Special Qualifications below.

SPECIAL QUALIFICATIONS:

- 1.) Appropriate licensure must be maintained throughout employment.
- 2.) A driving record evidencing safe and responsible vehicle operation is required.
- 3.) Must authorize and execute any necessary releases to enable the appointing authority to verify licensure and driving history involving violations and/or crimes.

NOTE: The appointing authority is responsible for verifying the appointee's driving record at appointment and throughout employment.

Soil and Water Conservation District Technician – C in all divisions

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¹ A higher degree in one of the stated fields of study is also acceptable.

² Your degree must have been awarded by a college or university accredited by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S. Secretary of Education. If your degree was awarded by an educational institution outside the United States and its territories, you must provide independent verification of equivalency. A list of acceptable companies who provide this service can be found on the Internet at <http://www.cs.ny.gov/jobseeker/degrees.cfm>. You must pay the required evaluation fee.