

SOIL and WATER RESOURCE CONSERVATIONIST

DISTINGUISHING FEATURES OF THE CLASS: This position involves technical work which entails providing assistance to property owners, agricultural groups, and government agencies on soil and water conservation practices. Work involves the responsibility of planning, survey and design of conservation projects. GIS mapping, layer creation, and updating is a component of this position for planning and construction of best management practices. Drainage, erosion, and flooding issues are all assessed on-site with determinations made to help correct or enhance these troubled areas. Employees of this position are expected to be self-starters that work independently in planning and permitting, as well as construction oversight and inspection. Work is performed under the general supervision of the Soil and Water Conservation District Manager. Does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative Only)

- Operate a personal computer for the purpose of word processing and the design of conservation practices;
- Independently administer the Agricultural Environmental Management Program;
- Prepares soil group worksheets for Agricultural Assessments;
- Coordinates the implementation of various grants;
- Provides technical assistance to landowners, agencies, and local governments regarding drainage and soil information;
- Planning, permitting, survey, design, and layout of agricultural and non-agricultural practices including streambank stabilization, drainage, and erosion;
- GIS mapping, layer creation, and updating project maps;
- Assist with conservation education and outreach programs;
- Attend training sessions as required.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of Survey and Design related to soil and water conservation projects; good knowledge of drainage, erosion issues, tile drainage, and ponds; good knowledge of construction, equipment, and construction inspection; ability to prioritize and work independently; ability to work in a group setting with multiple agencies; ability to assist landowners in obtaining permits for streams and shoreline protection; knowledge of agricultural and nonagricultural Best Management Practices as well as the USDA Natural Resources Conservation Service Standards and Specifications associated with these practices; good knowledge of stormwater management; ability to provide education and outreach to landowners, businesses, etc.; ability to understand and carry out written and oral instructions; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

- Either** (A) Graduation from an accredited four year college with a Bachelor's Degree in environmental technology, mechanical or civil engineering technology, natural resources conservation, or related fields;
- Or** (B) Graduation from a regionally accredited two year college or university with an Associate's Degree in environmental technology, mechanical or civil engineering technology, natural resources conservation, agricultural technology, or related field and two years of experience in natural resources protection, conservation construction projects, or land surveying;
- Or** (C) Graduation from high school or possession of a high school equivalency diploma and four years of experience described in B above;
- Or** (D) An equivalent combination of training and experience as defined by the limits A, B, and C above.

SPECIAL REQUIREMENT

Possession of a valid New York State Driver's License at the time of appointment.

Competitive Class

Adopted 08/05/2015 Personnel Officer