

**COUNTY OF ORANGE
MUNICIPAL/SCHOOL
JOB CLASSIFICATION SPECIFICATION**

CLASS TITLE: CONSERVATION DISTRICT TECHNICIAN

TITLE #: 1795

DISTINGUISHING FEATURES OF THE CLASS: This position involves performing a variety of technical duties related to the utilization of conservation practices concerning land and water on public and private properties. The incumbent is responsible for assisting Soil and Water Conservation District personnel in field surveys and in the design of conservation projects. Work is performed under the supervision of the Conservation District Manager. Work is checked by review of plans, reports and field inspections. Supervision is not typically a function of this position. Does related work as required.

TYPICAL WORK ACTIVITIES:

Performs soil testing, manure analysis and spreader calibrations/measurements, yield appraisals, as a means of nutrient management and agronomic initiatives;

Conducts engineering surveys for the design and implementation of farm and non-farm conservation practices;

Meets with farmers in order to check the application of conservation practices and to obtain necessary information to execute required paperwork;

Maintains farmer files, which include cost-share program paperwork, agronomic program records, engineering records, related planning documents, etc.;

Maintains computer databases and develops applications to assist with the management of the farm conservation programs;

Gathers water samples for lab testing;

Transports, maintains, repairs and assists farmers in the operation of no-till planting equipment;

Assists in administration and delivery of NYS non-point source grant projects;

Maintains field equipment and supplies, i.e. vehicles, surveying instruments, flagging, stakes, tools, etc.

Prepares maps, field risk assessments, animal waste management planning documents, and related conservation program materials;

Assists other staff during times of peak workload with various programs such as, Soil Group Worksheet preparation, stream studies, and seedling program distribution, etc.;

Prepares and assists with the preparation of Agricultural Environmental Management (AEM) plans for agricultural land users;

May assist in various fieldwork activities as needed, such as conservation plant establishment, plant/seed collections, etc.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, AND PERSONAL CHARACTERISTICS: Working knowledge of the materials and procedures used in soil and water conservation construction projects; working knowledge of engineering surveying, including the use of various surveying equipment; working knowledge of seeding, fertilizing and maintaining vegetation as it applies to agriculture and erosion control; ability to read topographical maps, air photos and engineering designs; basic mathematical background and computer skills; ability to follow written and oral instructions; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Either:

- A. Completion of sixty (60) college credits from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees, which shall include an aggregate of fifteen (15) college credits in any of the following fields: environmental science, agricultural science, agricultural engineering, agronomy, natural resources management, forestry or a closely related field; OR
- B. Graduation from high school or possession of a high school equivalency diploma and two (2) years of full time work experience in agriculture, agronomy or the application of soil and water conservation practices.

JURISDICTIONAL CLASS: Competitive

ADOPTED: 1/30/01 MS
REVISED: 3/24/04 ms
REVISED: 12/13/05 kr
REVISED: 11/10/09 th
REVISED: 08/02/12 dp