

NUTRIENT MANAGEMENT SPECIALIST

TOMPKINS COUNTY

Department Soil & Water Conservation District

Classification Competitive

Labor Grade

Approved

Revised

By AF, Commissioner of Personnel

BBP Risk Factor

DISTINGUISHING FEATURES OF THE CLASS:

This position exists in the Tompkins County Soil and Water Conservation District and involves responsibility for the performance of technical activities related to nutrient management conservation practices on privately owned land and for conducting field surveys, design and supervision of related conservation projects. The work is performed under the general supervision of the Conservation District Manager with wide leeway allowed for the exercise of independent judgment. The incumbent will perform all related duties as required.

TYPICAL WORK ACTIVITIES:

Completes surveys and design of soil and nutrient conservation projects;
Prepares maps and specifications for conservation projects;
Collects data for the purpose of design and cost estimation of nutrient management projects;
Reviews plans and offers advice to landowners concerning nutrient management when conservation practices need installation and/or maintenance;
Completes field layout for nutrient management conservation projects;
Incorporates nutrient management plans into the conservation plans as prepared by the Conservation District;
Assists landowners with the interpretation of nutrient management plans;
Conducts annual follow-up review to help farmers keep nutrient management plans current;
Assists farmers in collecting manure and soil samples properly and prepares nutrient management plans to incorporate their use in day-to-day operations;
Promotes the concept of nutrient management planning by speaking to groups of concerned citizens;
Maintains records and prepares reports related to the work.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Working knowledge of the principles and practices of agribusiness;
Working knowledge of materials and procedures used in the construction of drainage systems, ponds, forest plantings and other conservation projects related to nutrient management;
Working knowledge of the principles of agronomy and agrology;
Working knowledge of mathematics including geometry and trigonometry;
Working knowledge of engineering surveying;
Ability to get along well with others;
Ability to read and interpret maps and surveying documents;
Ability to understand and carry out written and oral instructions;
Manual dexterity;
Mechanical aptitude;
Accuracy.

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NUTRIENT MANAGEMENT SPECIALIST (CONTINUED)

MINIMUM QUALIFICATIONS: EITHER:

- (a) Graduation from a regionally accredited college or university with a bachelor's degree in Environmental Science, Environmental Systems, Environmental Studies, Soil Science, Soil and Water Science, Soil Conservation or a closely related field; **OR**
- (b) Graduation from a regionally accredited or New York State registered two-year college with an associate's degree in Environmental Science, Environmental Systems, Environmental Studies, Soil Science, Soil and Water Science, Soil Conservation or a closely related field **AND** two years of experience involving responsibility to develop nutrient and soils management plans and procedures designed to protect a municipal watershed; **OR**
- (c) An equivalent combination of training and experience as described in (a) and (b) above.

SPECIAL REQUIREMENT:

A valid New York State driver's license is required at the time of appointment and must be maintained throughout the life of employment.

NOTE:

The employee must provide protective wear as may be required, such as rain gear and steel-toed boots.