



Cayuga County Department of Human Resources and Civil Service Commission

JOB SPECIFICATION

Civil Service Title:	CONSERVATION DISTRICT TECHNICIAN
Jurisdictional Class:	Competitive
Civil Division:	Soil & Water Conservation District
Adoption: CSM	11/13/91
Revised: CSM	08/10/11

DISTINGUISHING FEATURES OF THE CLASS:

This position exists in the Conservation District and involves responsibility to perform technical activities related to conservation practices on privately owned land and water resources and for conducting field surveys, design, and supervision of related conservation projects. Employees in this class are expected to be engaged in projects such as tree planting, planning, and construction of farm ponds, and soil and water management programs. Work is performed under the general supervision of the Senior Conservation District Technician with leeway allowed for exercise of independent judgment. The incumbent does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative Only)

Completes surveys and design of soil and water conservation projects such as farm ponds, drainage ditches, and tile;
Accepts tree and shrub orders and ensures that the vegetation is properly delivered and planted;
Arranges for the delivery and stocking of fish in farm ponds;
Aids in preparing maps and specifications for conservation projects;
Collects data for the purpose of design and cost estimation of projects;
Helps maintain conservation practices on land by establishing grass seedings, installing stone riprap, fencing, and other planned conservation and erosion prevention practices;
Reviews plans and offers advice to landowners when conservation and practices need installation and/or maintenance;
Completes field layout of limited conservation projects;
Maintains records and prepares reports related to the work;
Conducts youth conservation programs;

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, PERSONAL CHARACTERISTICS:

Working knowledge of materials and procedures used in the construction of drainage systems, ponds, forest plantings and other conservation projects;
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;
Ability to walk over uneven terrain;
Ability to lift heavy items;
Ability to work in adverse weather conditions;
Manual dexterity;
Mechanical aptitude;
Accuracy;
Physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

- (A) Graduation from a regionally accredited or New York State registered two-year college with an Associate's Degree in environmental, mechanical, or civil engineering technology, conservation or environmental technology, environmental control technology, environmental protection technology, or related field AND one year of experience in construction, land surveying, natural resource protection, engineering, or related field; OR
- (B) Graduation from high school or possession of an equivalency diploma AND three years of experience as outlined in (A) above; OR
- (C) An equivalent combination of training and experience as defined by the limits of (A) and (B) above.