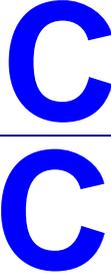




**CAYUGA
COUNTY**

F:\Civil\Jobsp\Watershed
Conservation Specialist



An Equal Opportunity - Affirmative Action Employer

CIVIL SERVICE COMMISSION

TITLE:	WATERSHED CONSERVATION SPECIALIST
JURISDICTIONAL CLASS:	COMPETITIVE
CIVIL DIVISION:	Cayuga County Soil & Water Conservation District
ADOPTION: CSM	07/10/2002
REVISED: CSM	04/11/07

DISTINGUISHING FEATURES OF THE CLASS:

The position of Watershed Conservation Specialist performs a variety of technical and administrative duties to provide assistance to landowners, groups, organizations and units of government related to Water Quality Management and Non-Point Source (NPS) Pollution. This professional position is responsible for completing the countywide farm inventory and assessment, and for the development of watershed Agricultural Environmental Management (AEM) plans. In addition, this position will assist with planning and implementing Water Quality Programs throughout the district with an emphasis in the Skaneateles Lake, Owasco Lake, and Cayuga Lake Watersheds. Incumbent is under direct supervision of the Executive Director, with leeway for a high level of autonomy and independent judgment when carrying out the responsibilities of the position. Does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative Only)

- Complete countywide farm inventory and assessment;
- Develop database and maps associated with inventory;
- Develop watershed assessment using the Tiered approach;
- Assist with the development of Agricultural Environmental Management (AEM) plans;
- Determine applicability of specific conservation practices and Best Management Practices (BMP's) so as to mitigate Non-Point Source (NPS) Pollution;
- Provides on-site inspections related to erosion and sediment control disturbances and formulates a report to submit to appropriate agencies;
- Assist with the preparation of engineering surveys, designs, and cost estimates, and conduct implementation and construction inspection for the Best Management Practices (BMP's) according to USDA/NRCS (United States Department of Agriculture/National Resource Conservation Service) standards and specifications;
- Assist with development of Comprehensive Nutrient Management Plans (CNMP's).
- Collect data and prepare survey maps and specifications concerning potential construction projects;
- Develop and maintain database computer programs for the application of Best Management Practices (BMP's) in the Agricultural Environmental Management Planning process;
- Develops district displays for presentations as requested;
- Coordinate and assist with water quality related activities throughout the county;
- Reports to the Director and Board on activities on a regular basis;
- Attend training sessions as a part of an annual training plan;
- Work closely with district staff, especially the Nutrient Management Specialist;
- Work one-on-one with county landowners and other municipal agencies on numerous water quality projects;
- Perform other district duties as assigned.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, & PERSONAL CHARACTERISTICS:

Thorough knowledge of the principles and practices of agricultural resource conservation with emphasis on soil & water conservation related specifically to water quality;
Thorough knowledge and understanding of Agricultural Best Management Practices (BMP's) as they relate to Non-Point Source mitigation;
Working knowledge of agricultural engineering and surveying, and ability to conduct level and topographic surveys;
Thorough working knowledge of agricultural soils and their interrelationship with both surface and groundwater quality;
Good verbal and interpersonal communication skills and desire to work together well as a contributing district team member;
A results-oriented individual who has the ability to work independently toward common goals;
Physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

- (A) Graduation from a regionally accredited or New York State registered college or university with a bachelor's degree in Agronomy, Agricultural Engineering, Environmental Science, Environmental Studies, Natural Resource Conservation, Water Resources Planning, Soil & Water Science, or related field; **OR**
- (B) Graduation from a regionally accredited or New York State registered college or university with an associate's degree in Environmental Science, Environmental Systems, Environmental Technology, Soil & Water Science, or related field **AND** 2 years of experience in agricultural or non-agricultural water quality management, one year of which should have included responsibility for program planning, development and implementation; **OR**
- (C) An equivalent combination of training and experience as defined by the limits of (A) and (B) above.

SPECIAL REQUIREMENTS FOR ACCEPTANCE OF APPLICATIONS:

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